DESIGN DESIGNATION

A.A.D.T. - 2024 = 15,867
A.A.D.T. - 2044 = 21,417
D.H.V. = 10%
T = 5%
V = 35 M.P.H.
D (EB/WB) = 49.9%/50.1%
FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

NORMAL RIGHT OF WAY
TO BE ACQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		○
UTILITIES		
FIBER OPTICS	-FO-	FO
OVERHEAD CABLE TV	-OTV-	OTV
UNDERGROUND CABLE TV	-UTV-	UTV
OVERHEAD TELEPHONE	-OT-	OT
UNDERGROUND TELEPHONE	-UT-	UT
OVERHEAD POWER	-OE-	OE
UNDERGROUND POWER	-UE-	UE
SANITARY SEWER	-S-	S
STORM SEWER	-SS-	SS
GAS	-G-	G
WATER	-W-	W
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	D	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	-V-	
WOVEN WIRE	-X-	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

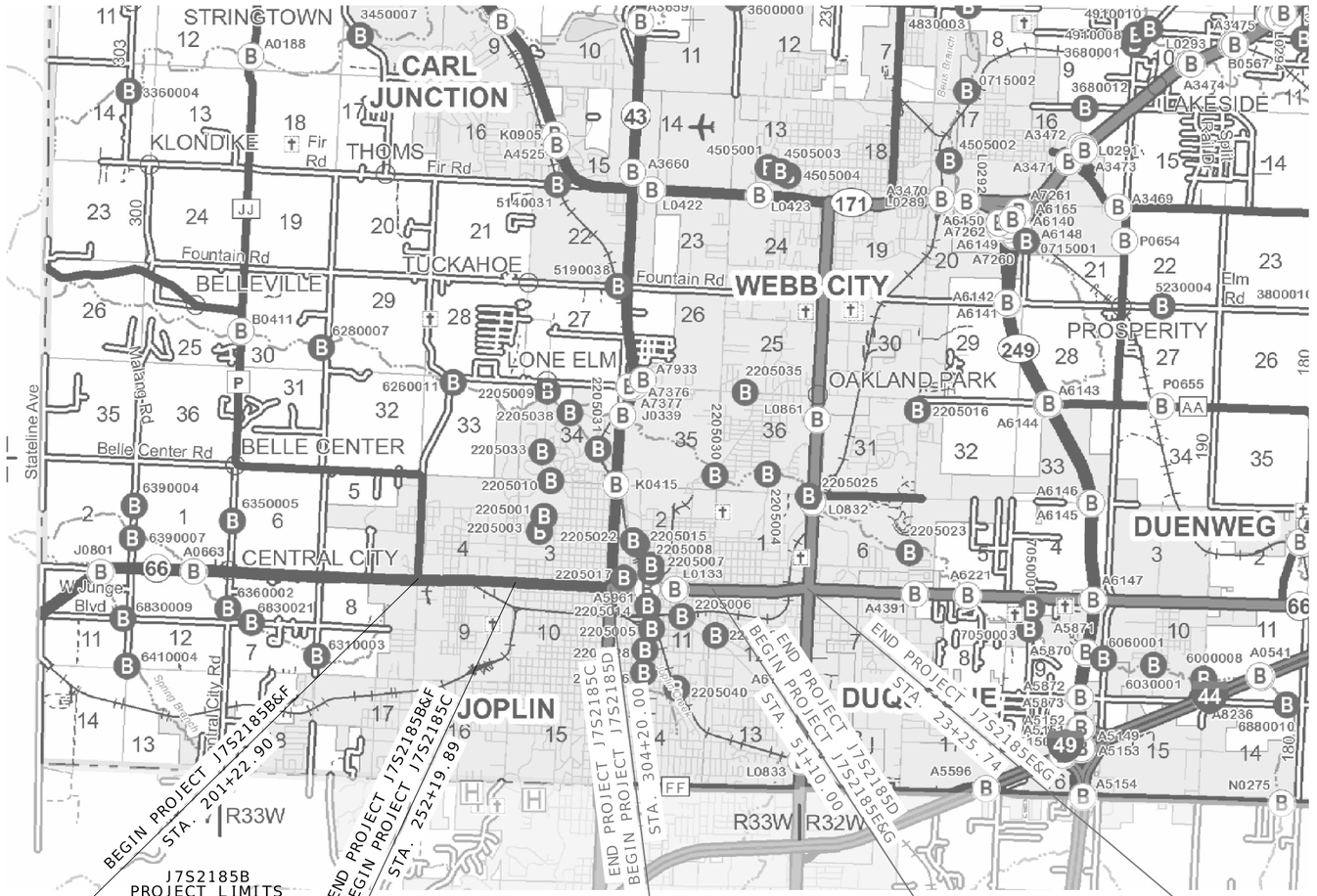
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED
STATE HIGHWAY

JASPER COUNTY
SECTIONS 3-5 & SECTIONS 8-10
T27N, R33W



KEY MAP
LOCATION OF JASPER COUNTY



J7S2185B
PROJECT LIMITS
(0.965 MILES)
GRADING, PAVING,
DRAINAGE, & SIGNALS

J7S2185F
PROJECT LIMITS
(0.965 MILES)
ADA

J7S2185C
PROJECT LIMITS
(0.985 MILES)
GRADING, PAVING,
DRAINAGE, SIGNALS & ADA

J7S2185D
PROJECT LIMITS
(1.014 MILES)
GRADING, PAVING, DRAINAGE,
SIGNALS & ADA

J7S2185 E&G
PROJECT LIMITS
(0.956 MILES)
GRADING, PAVING,
DRAINAGE, SIGNALS & ADA

NOT TO SCALE

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (11 SHEET)	2
QUANTITIES (QU) (13 SHEETS)	3
PLAN-PROFILE (PP)	4-14
RIGHT OF WAY (RW)	15-24
REFERENCE POINTS (RP)	25
COORDINATE POINTS (CP)	26-27
SPECIAL SHEETS (SS)	28-73
TRAFFIC CONTROL SHEETS (TC)	74-93
EROSION CONTROL SHEETS (EC)	94 - 116
SIGNALS (SG)	117 - 122
SIGNING (SN)	123 - 129
PAVEMENT MARKING (PM)	130 - 135
CULVERT SECTIONS (CS)	136 - 144
CROSS SECTIONS (XS)	1-99

LENGTH OF PROJECT

J7S2185B&F ROUTE 66

BEGINNING OF PROJECT	STA.	201+22.90
END OF PROJECT	STA.	252+19.89
APPARENT LENGTH		5096.99 FEET
EQUATIONS AND EXCEPTIONS:		NONE
TOTAL CORRECTIONS		0.0 FEET
NET LENGTH OF PROJECT		5096.99 FEET
STATE LENGTH		0.965 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES		8.333 ACRES

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

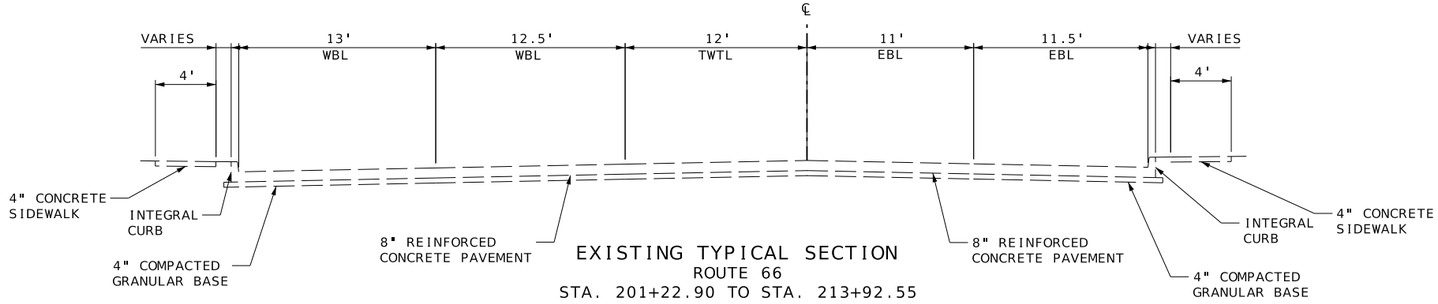
BRIDGE NO.

DESCRIPTION	DATE

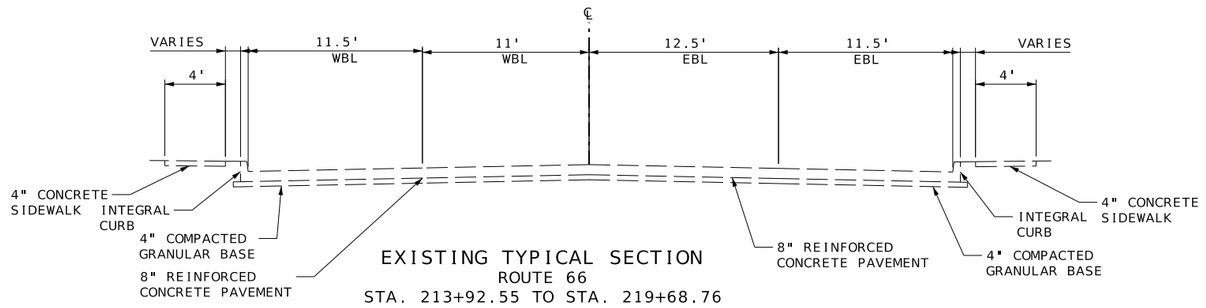
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

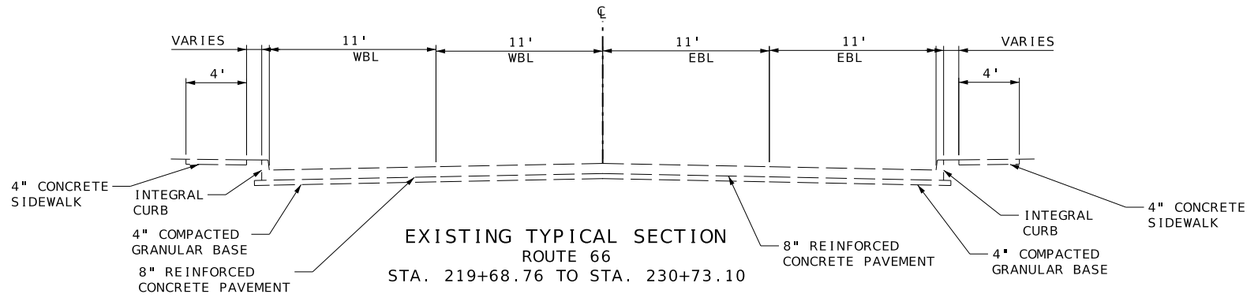
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



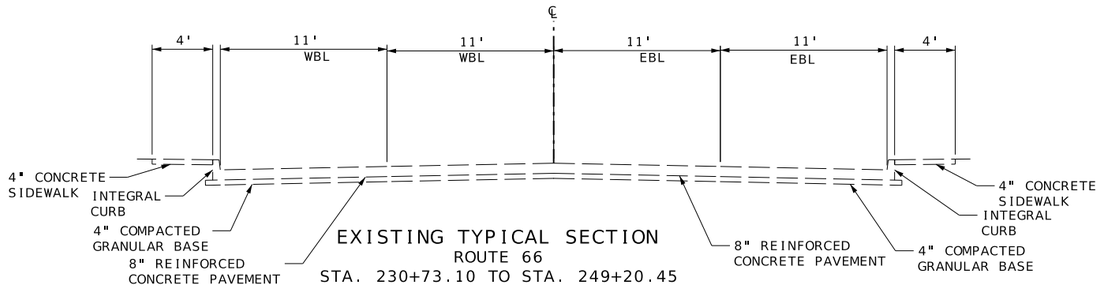
EXISTING TYPICAL SECTION
ROUTE 66
STA. 201+22.90 TO STA. 213+92.55



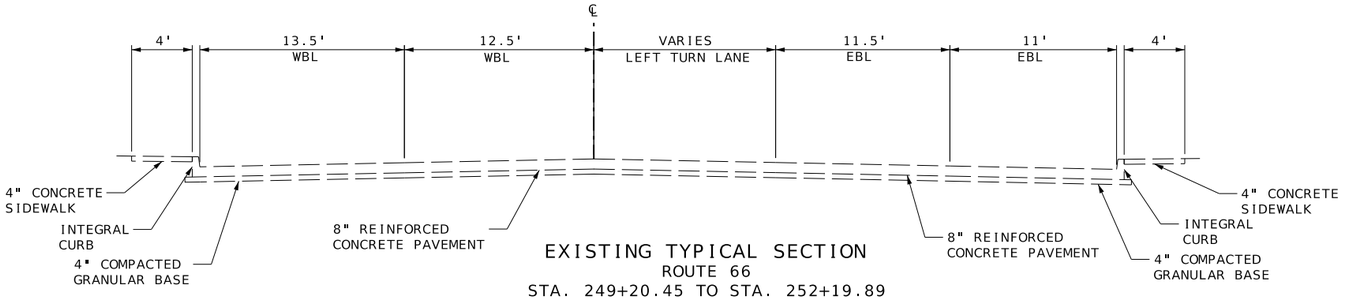
EXISTING TYPICAL SECTION
ROUTE 66
STA. 213+92.55 TO STA. 219+68.76



EXISTING TYPICAL SECTION
ROUTE 66
STA. 219+68.76 TO STA. 230+73.10



EXISTING TYPICAL SECTION
ROUTE 66
STA. 230+73.10 TO STA. 249+20.45



EXISTING TYPICAL SECTION
ROUTE 66
STA. 249+20.45 TO STA. 252+19.89

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

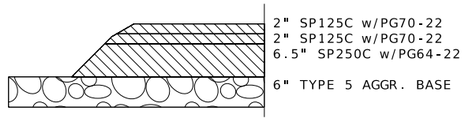
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

NOTE:
CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.

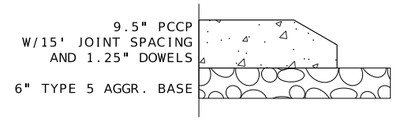
SUBGRADE PROFILE AND CROSS SECTIONS ARE DESIGNED FOR THE THINNER PAVEMENT DESIGN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PROFILE GRADE FOR EITHER PAVEMENT DESIGN WITH NO DIRECT PAY. CROSSROAD STRUCTURES ARE DESIGNED TO ACCOMMODATE A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

ADA IMPROVEMENTS SHALL BE PAID FOR UNDER PROJECT #J7S2185F. EARTHWORK FOR ADA IMPROVEMENTS SHALL BE PAID FOR UNDER PROJECT #J7S2185B.

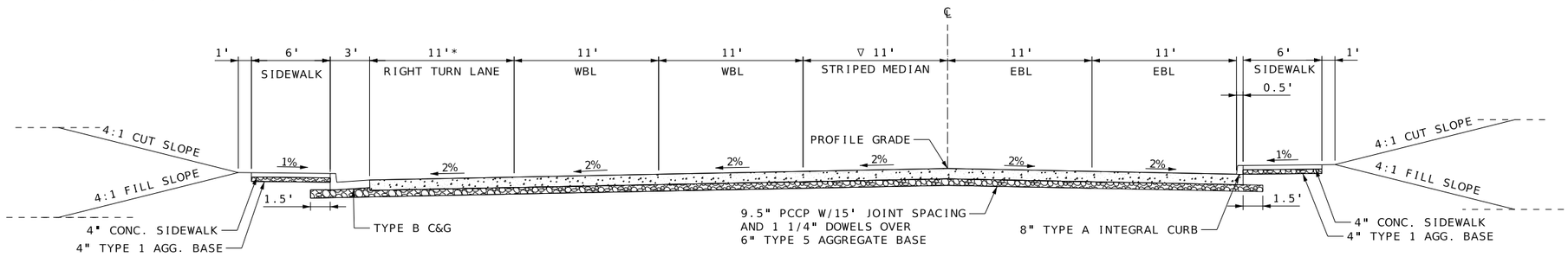
ROUTE 66 ALTERNATE PAVEMENT DESIGN



ALTERNATE A

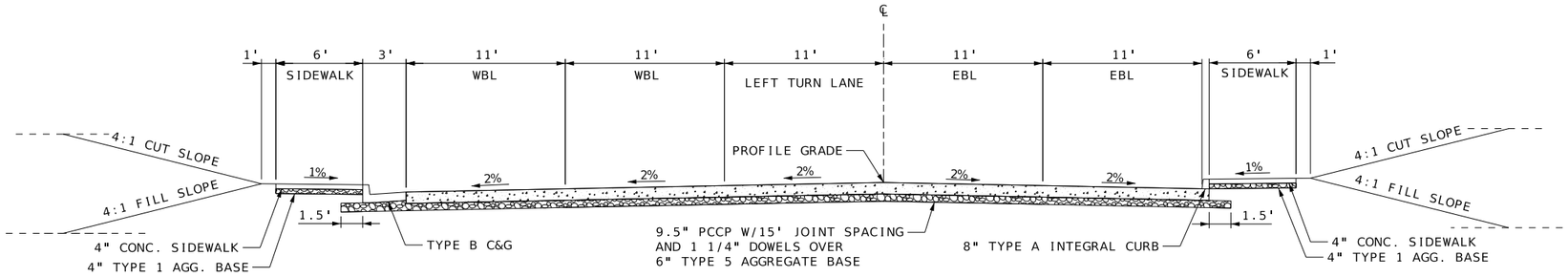


ALTERNATE B

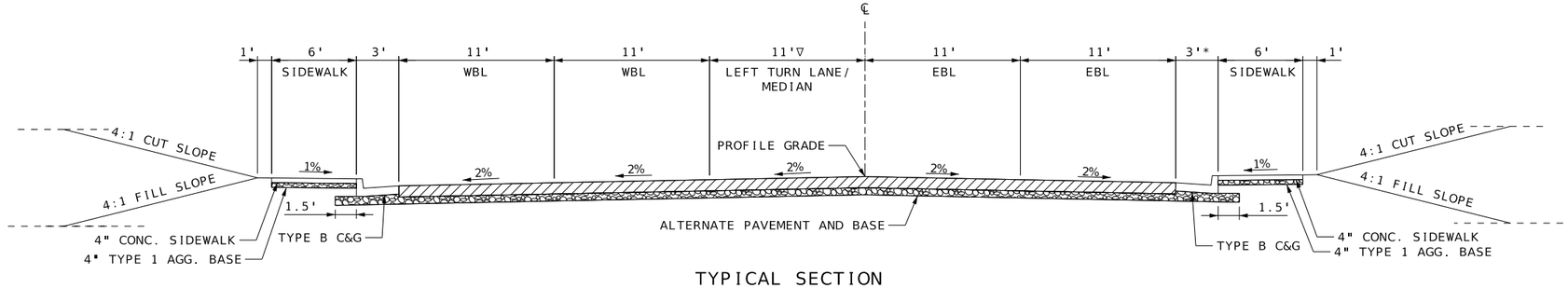


TYPICAL SECTION
ROUTE 66
STA. 210+01.74 TO STA. 214+02.14

▽ STA. 211+76.29 TO STA. 214+01.29, TRANSITION FROM 11' TO 0'
* STA. 211+76.29 TO STA. 214+01.29, TRANSITION FROM 11' TO 0'



TYPICAL SECTION
ROUTE 66
STA. 209+00.00 TO STA. 210+01.74



TYPICAL SECTION
ROUTE 66
STA. 201+22.90 TO STA. 209+00.00
STA. 249+07.86 TO STA. 252+19.89

▽ STA. 249+07.86 TO STA. 251+32.86, TRANSITION FROM 0' TO 11'
* STA. 208+50.00 TO 209+00.00, TRANSITION FROM 3' C&G TO TYPE A INTEGRAL CURB

ALTERNATE PAVEMENT

TYPICAL SECTION
SHEET 2 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

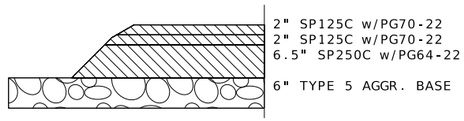
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

NOTE:
CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.

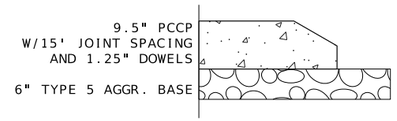
SUBGRADE PROFILE AND CROSS SECTIONS ARE DESIGNED FOR THE THINNER PAVEMENT DESIGN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PROFILE GRADE FOR EITHER PAVEMENT DESIGN WITH NO DIRECT PAY. CROSSROAD STRUCTURES ARE DESIGNED TO ACCOMMODATE A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

ADA IMPROVEMENTS SHALL BE PAID FOR UNDER PROJECT #J7S2185F. EARTHWORK FOR ADA IMPROVEMENTS SHALL BE PAID FOR UNDER PROJECT #J7S2185B.

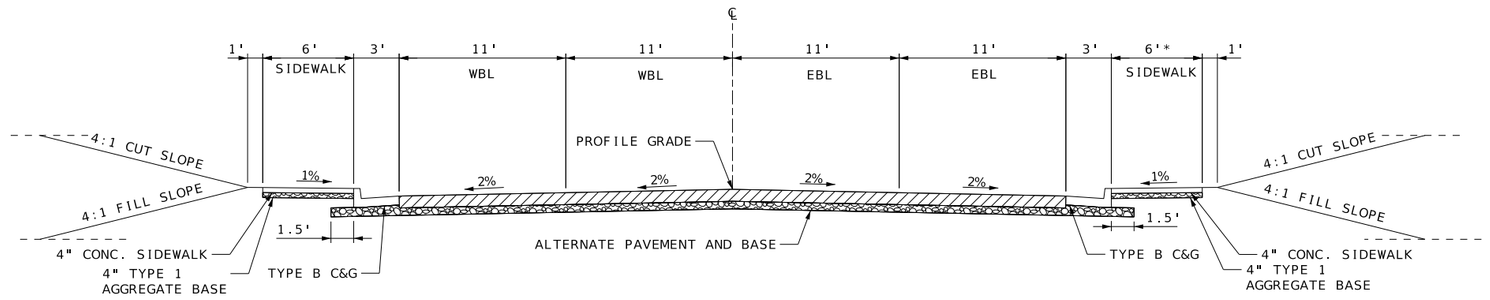
ROUTE 66 ALTERNATE PAVEMENT DESIGN



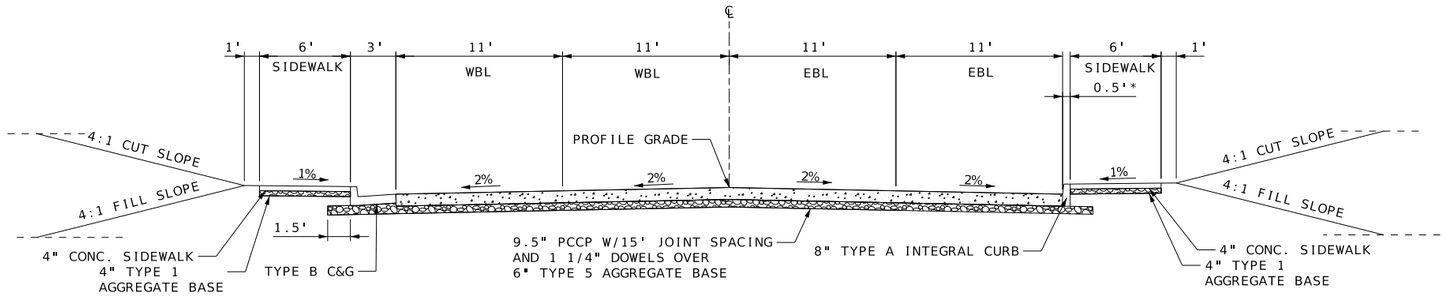
ALTERNATE A



ALTERNATE B



TYPICAL SECTION
ROUTE 66
STA. 225+00.00 TO STA. 249+07.86
* STA. 235+97.69 TO STA. 236+57.45, 5' SIDEWALK



TYPICAL SECTION
ROUTE 66
STA. 214+02.14 TO STA. 225+00.00
* STA. 224+50.00 TO STA. 225+00.00, TRANSITION FROM TYPE A INTEGRAL CURB TO TYPE B C&G

ALTERNATE PAVEMENT

TYPICAL SECTION
SHEET 3 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
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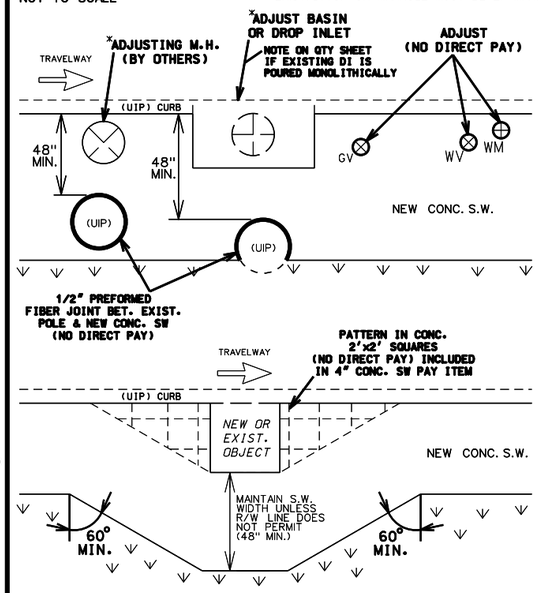
CERTIFICATE OF
AUTHORITY NO. 001592

1. CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 609.00.
2. TINTED CONCRETE SHALL NOT BE USED. TRUNCATED DOMES SHALL BE OF A COLOR CONTRASTING WITH UNTINTED CONCRETE AND APPROVED BY THE ENGINEER. TRUNCATED DOMES ARE REQ'D. AT STREET INTERSECTIONS AND COMMERCIAL ENTRANCES WITH TRAFFIC CONTROL ONLY. (STOP/YIELD SIGNS OR SIGNALS)
3. CONCRETE SHALL BE IN ACCORDANCE WITH SEC. 608 & SEC. 609. CURING COMPOUND SHALL BE TRANSPARENT.
4. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE 4" THICK, WITH THE EXCEPTION OF THE BOTTOM TRANSITION WHICH TIES INTO THE EXISTING PAVED APPROACH AND ROADWAY. THIS TRANSITION, OR LANDING AREA, MUST BE 8" THICK IF IT FALLS WITHIN THE RADIUS OF THE APPROACH AND SITS AT THE BACK OF CURB OF THE ROADWAY. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE ON 4" TYPE 1 AGGREGATE BASE.
5. AGGREGATE BASE DENSITY - CONTRACTOR SHALL EXERCISE GOOD COMPACTIVE EFFORT AS APPROVED BY THE ENGINEER. DENSITY REQUIREMENTS BY NUCLEAR METHOD WILL NOT BE REQUIRED DUE TO WORK AREA CONSTRAINTS.
6. CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (16' MAX.)
   RUNNING SLOPE = >5% (MIN.) TO 8.33% (MAX.) UNIFORMLY DOWN THE LENGTH OF THE RAMP.

   CONCRETE LANDING - WIDTH = TO MATCH PROPOSED CURB RAMP AND SIDEWALK WIDTH LENGTH = 5' MIN.
   SLOPE IN ALL DIRECTIONS = 1% PREFERRED (2% MAX.) UNLESS TIED TO ROADWAY EXCEPTION.
7. ALL EXISTING UTILITIES SHALL BE USED IN PLACE UNLESS OTHERWISE NOTED. ALL MANHOLE OR VALVE COVER, ETC. ELEVATIONS SHALL BE ADJUSTED AS REQUIRED IF THEY ARE LOCATED WITHIN THE IMPROVEMENT AREA.
8. "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1057 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
9. REINFORCING STEEL TIE BARS SHALL BE IN ACCORDANCE WITH SECTION 706. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND USED AS APPROVED BY THE ENGINEER. WHERE TIE BARS ARE USED, THE CONCRETE SHALL BE 8" THICK (NO DIRECT PAY).
10. CONSTRUCTION AND LENGTH OF EACH CURB RAMP INCLUDING LANDINGS AND TRANSITION AREAS SHALL BE AS SHOWN ON THE PLANS UNLESS DIFFERING FIELD CONDITIONS ARE FOUND OR AS APPROVED BY THE ENGINEER. CURB RAMP CROSS SLOPES SHALL BE 1% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMPS ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
11. SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMPS OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
12. S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
13. SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MIN.

NOT TO SCALE

* EXIST. DITOP OR MANHOLE MUST BE 2% MAX.

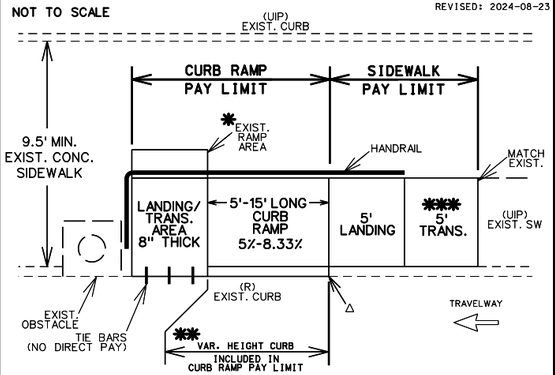


UTILITIES OR VARIOUS OBSTACLES

NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AREAS AND SIDEWALK WITH A MINIMUM OF 4' CLEARANCE AROUND THE POLE

NOT TO SCALE

REVISED: 2024-08-23



△ MATCH EXIST CURB

* FILL IN WHERE EXIST. RAMP WAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

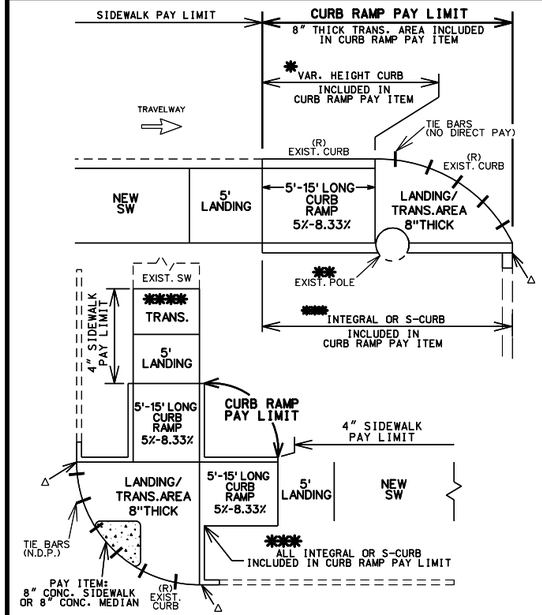
** VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS.

*** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

HANDRAIL 2' OFF E.O.P (SEE HANDRAIL STANDARDS)

CURB RAMP - IN EXISTING 9.5'+ WIDE SW

PAY LIMITS



△ MATCH EXIST CURB HEIGHT. OPTIONAL 1' TIE-IN TO EXIST CURB

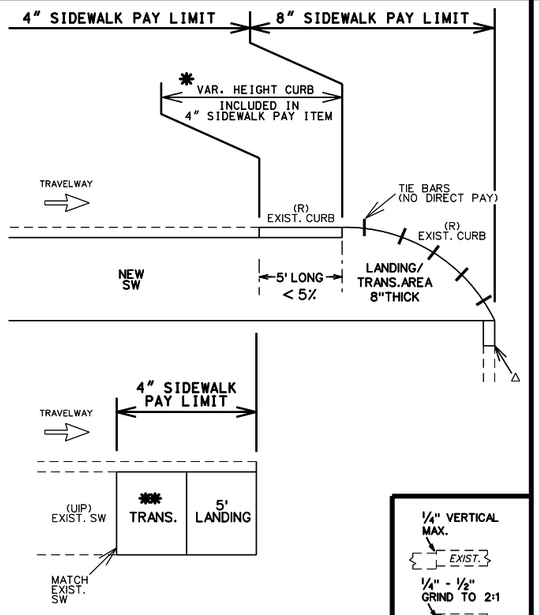
* VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONST. MONOLITHIC OR SEP. DEPENDING ON CONST. OPERATIONS.

** NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AND TRANSITION AREAS.

*** TYPE OF CURB WILL DEPEND ON FIELD CONDITIONS.

**** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

NOT TO SCALE



△ MATCH EXIST CURB HEIGHT (1' TAPER FROM SIDEWALK UP TO EXIST CURB HEIGHT)

* VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS. DOWEL TO EXIST. GUTTER/PAVEMENT (NO DIRECT PAY).

** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

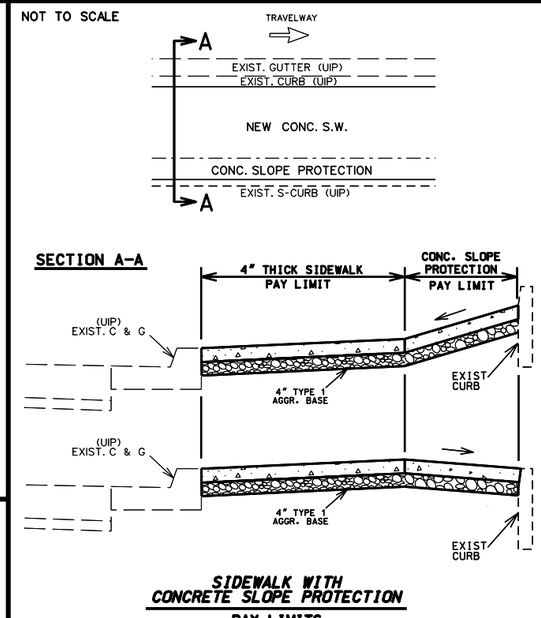
NOT TO SCALE

OVER ¾" REPLACE PANEL(S)

JOINT GRINDING

TRIP HAZARDS 622-99.03

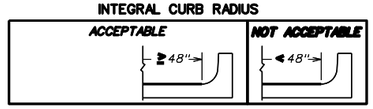
NOT TO SCALE



SIDEWALK WITH CONCRETE SLOPE PROTECTION

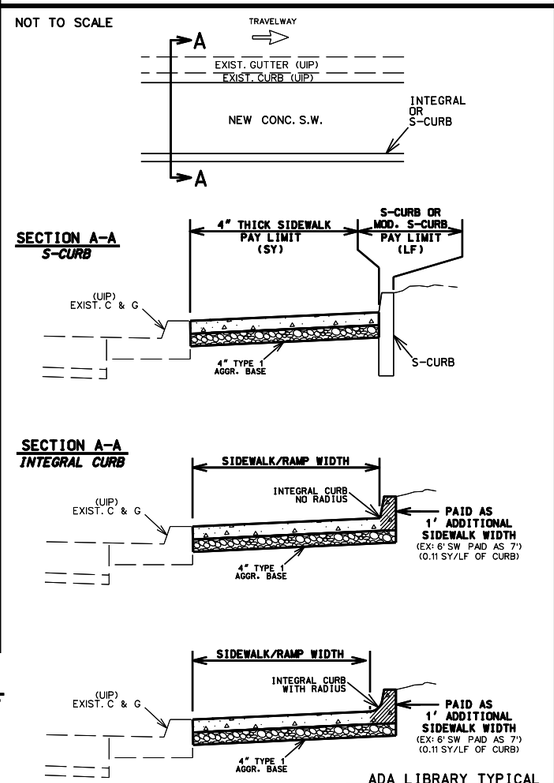
PAY LIMITS

INTEGRAL CURB RADIUS



SECTION A-A INTEGRAL CURB WITH RADIUS

NOT TO SCALE



ADA LIBRARY TYPICAL

SIDEWALK & RAMP WITH CURB

PAY LIMITS

TYPICAL SHEET
SHEET 4 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER MO# PE-2010019516

DATE PREPARED: 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: JASPER

JOB NO.: J7S2185B&F

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

REVISED: 2025-02-25

TYPE 1-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	22.0	24.0	–	22.0	24.0	–	22.0	24.0	
CURB RAMP SY	–	10.9	13.1	–	13.6	16.3	–	16.2	19.3	
CONC. SIDEWALK SY	–	5.6	6.3	–	5.6	6.4	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	16.5	19.4	–	19.2	22.7	–	21.1	25.0	
ADA LINEAR GRADING LF	–	28.0	28.0	–	34.5	34.5	–	38.0	38.0	
SODDING SY	–	7.4	7.8	–	8.4	8.7	–	9.1	9.5	

TYPE 1-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	12.0	–	10.0	12.0	–	10.0	12.0	
CURB RAMP SY	–	8.8	10.3	–	11.5	13.4	–	14.1	16.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	5.6	6.4	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	14.4	16.7	–	17.1	19.8	–	19.0	22.1	
ADA LINEAR GRADING LF	–	22.0	22.0	–	26.5	26.5	–	30.0	30.0	
SODDING SY	–	11.5	11.7	–	13.5	13.5	–	15.0	15.2	

TYPE 1-C

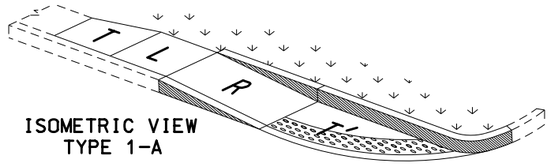
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	18.6	22.8	–	24.0	29.0	–	29.3	35.3	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	29.8	35.6	–	35.2	41.8	–	39.1	46.7	
ADA LINEAR GRADING LF	–	42.0	50.0	–	57.0	61.0	–	67.0	72.0	
SODDING SY	–	11.0	11.3	–	13.0	13.3	–	14.5	14.9	

TYPE 1-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	14.8	19.0	–	20.1	25.2	–	25.5	31.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	26.0	31.8	–	31.3	38.0	–	35.3	42.8	
ADA LINEAR GRADING LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING SY	–	13.3	13.6	–	16.0	16.9	–	18.6	19.3	

TYPE 1-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	14.0	16.0	–	14.0	16.0	–	14.0	16.0	
CURB RAMP SY	–	15.5	19.0	–	20.8	25.2	–	26.2	31.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	26.7	31.8	–	32.0	38.0	–	36.0	42.8	
ADA LINEAR GRADING LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING SY	–	18.4	18.8	–	22.4	22.8	–	25.6	25.9	



ISOMETRIC VIEW
TYPE 1-A

T'- IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED AT PAVED APPROACH IF CONDITIONS ALLOW)

* - T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L - LANDING

R - RAMP

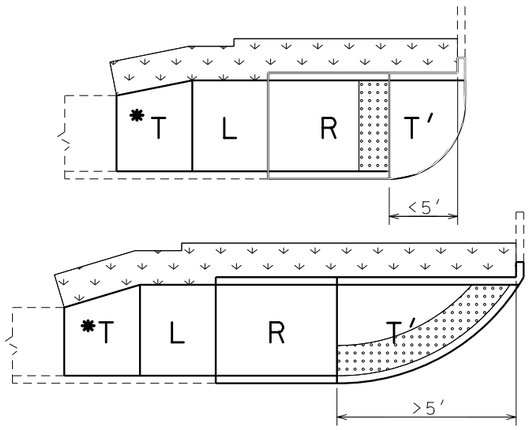
- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

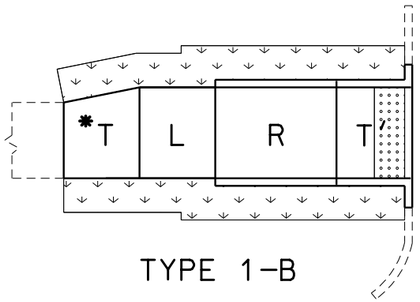
- TRUNCATED DOME LOCATION IF DIST. IS <5' OR >5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

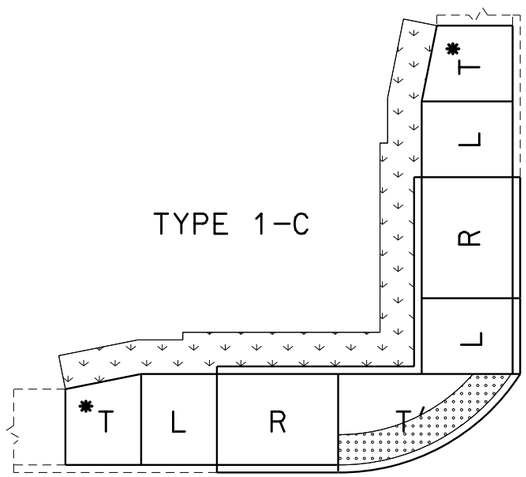
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



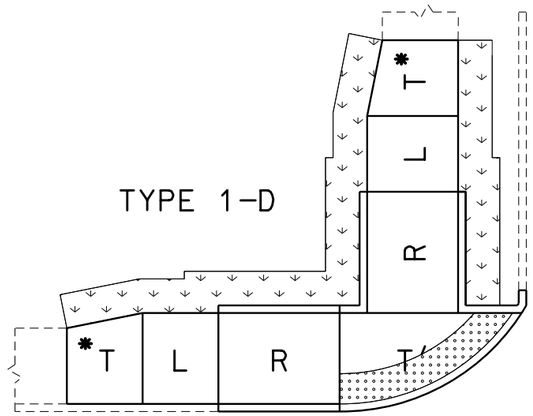
TYPE 1-A



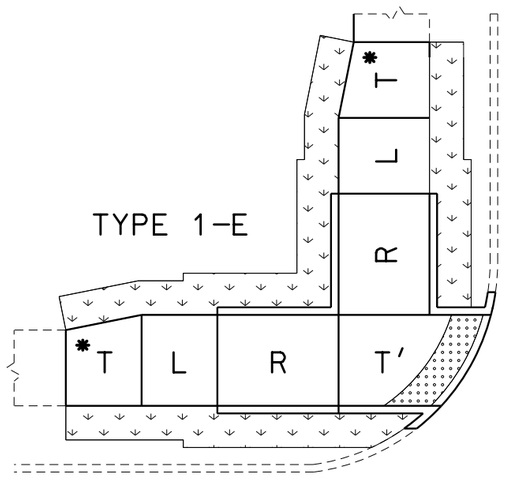
TYPE 1-B



TYPE 1-C



TYPE 1-D



TYPE 1-E

ADA LIBRARY TYPICAL

TYPE 1

PERPENDICULAR CURB RAMPS

TYPICAL SHEET 5 OF 11

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

PARALLEL - TYPE 2

TYPE 2-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	9.1	10.6	-	11.8	13.7	-	14.4	16.8	
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	
TYPE 1 AGGREGATE SY	-	14.7	17.0	-	16.7	19.4	-	19.3	22.5	
ADA LINEAR GRADING LF	-	26.0	26.0	-	29.0	29.0	-	33.0	33.0	
SODDING SY	-	8.0	8.3	-	8.6	8.8	-	9.6	9.8	

TYPE 2-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	11.8	13.3	-	14.5	16.4	-	17.2	19.5	
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	
TYPE 1 AGGREGATE SY	-	17.4	19.7	-	19.4	22.1	-	22.1	25.2	
ADA LINEAR GRADING LF	-	26.0	26.0	-	29.0	29.0	-	33.0	33.0	
SODDING SY	-	13.8	14.1	-	15.1	15.5	-	17.1	17.5	

TYPE 2-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	16.4	18.7	-	21.7	24.9	-	27.0	31.2	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	27.6	31.5	-	31.5	36.3	-	36.8	42.6	
ADA LINEAR GRADING LF	-	41.0	41.0	-	47.0	47.0	-	55.0	55.0	
SODDING SY	-	12.3	12.5	-	13.6	13.9	-	15.6	15.9	

TYPE 2-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	16.8	19.2	-	22.2	25.4	-	27.5	31.6	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	28.0	32.0	-	32.0	36.8	-	37.3	43.0	
ADA LINEAR GRADING LF	-	41.0	41.0	-	47.0	47.0	-	55.0	55.0	
SODDING SY	-	20.2	20.3	-	22.4	23.2	-	26.4	27.2	

TYPE 2-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	10.8	11.5	-	13.2	14.4	-	15.7	17.3	
CONC. SIDEWALK SY	-	5.6	6.7	-	5.0	6.0	-	5.0	6.0	
TYPE 1 AGGREGATE SY	-	16.4	18.2	-	18.2	20.4	-	20.7	23.3	
ADA LINEAR GRADING LF	-	22.5	22.5	-	26.5	26.5	-	30.5	30.5	
SODDING SY	-	-	-	-	-	-	-	-	-	
HANDRAIL LF	-	-	-	-	-	-	-	-	-	SEE STANDARDS FOR LENGTH

TYPE 2-F

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	15.5	17.1	-	20.4	23.1	-	25.5	28.9	
CONC. SIDEWALK SY	-	11.2	13.4	-	10.0	12.0	-	10.0	12.0	
TYPE 1 AGGREGATE SY	-	26.7	30.5	-	30.4	35.1	-	35.5	40.9	
ADA LINEAR GRADING LF	-	39.0	39.0	-	47.0	47.0	-	55.0	55.0	
SODDING SY	-	-	-	-	-	-	-	-	-	
HANDRAIL LF	-	-	-	-	-	-	-	-	-	SEE STANDARDS FOR LENGTH

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

** 3.5' LANDING EXTENSION REQ'D. FOR INSTALLATION OF FUTURE OR NEW PED. PUSH BUTTON

NOTE: SEE STANDARDS FOR ALL PED. PUSH BUTTON LOCATIONS

- TRUNCATED DOME

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

T - TRANSITION TO EXISTING SW

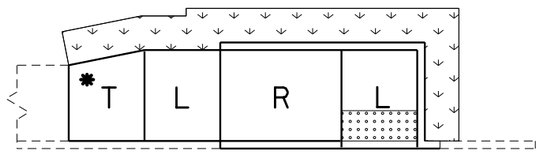
* - T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L - LANDING

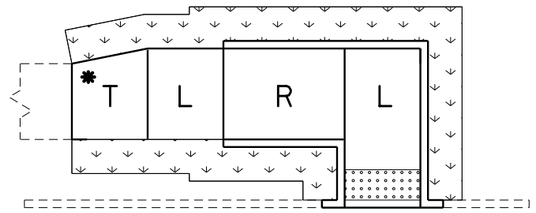
R - RAMP

- SOD SLOPE 6:1 MIN.

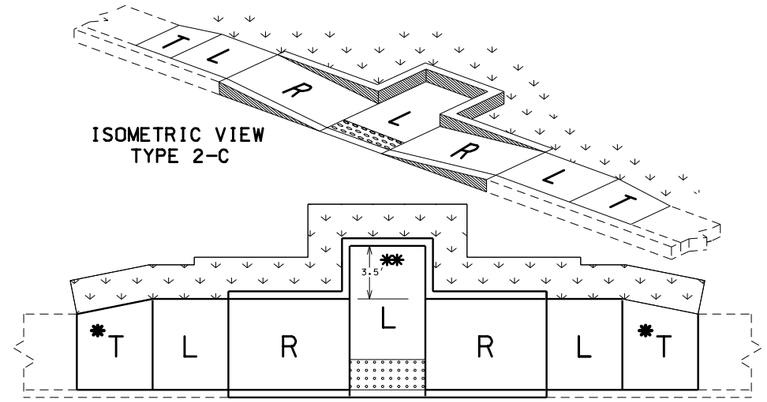
- CURB RAMP PAY LIMITS



TYPE 2-A

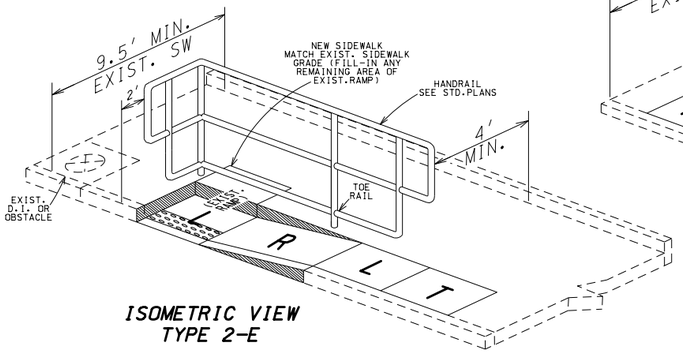


TYPE 2-B

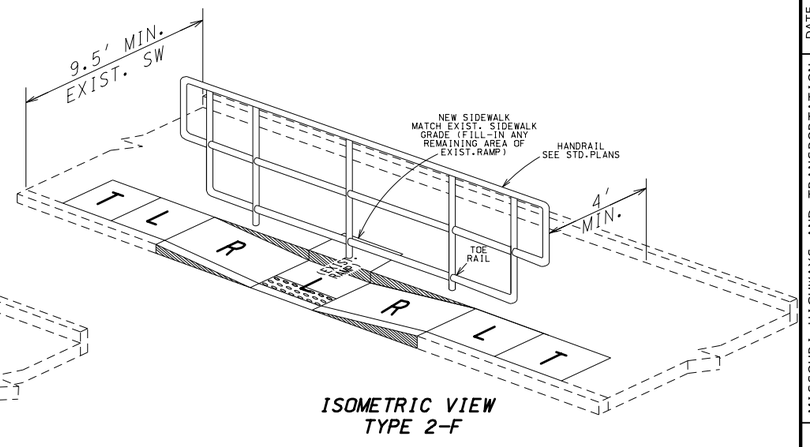


ISOMETRIC VIEW
TYPE 2-C

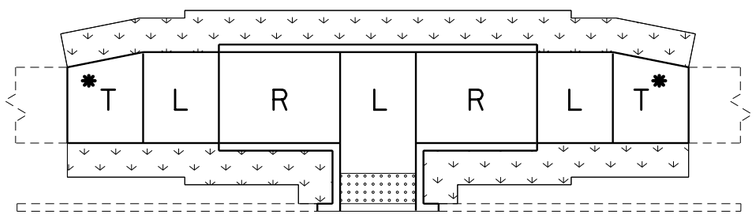
TYPE 2-C



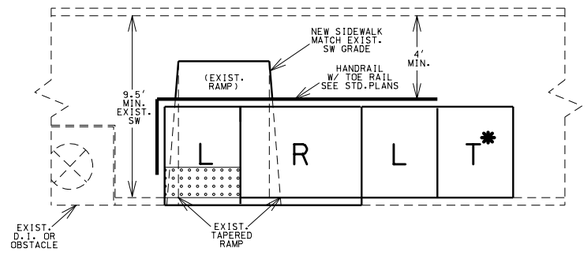
ISOMETRIC VIEW
TYPE 2-E



ISOMETRIC VIEW
TYPE 2-F



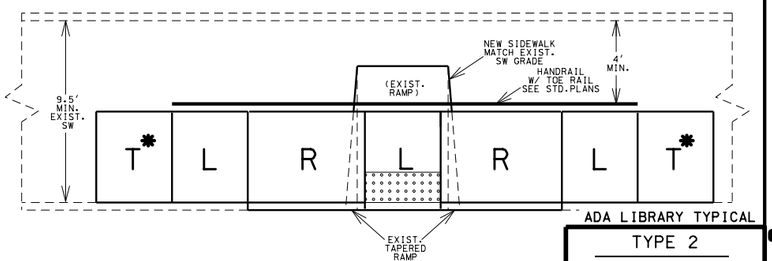
TYPE 2-D



TYPE 2-E

USE ONLY WHEN TYPE 2-F IS UNABLE TO BE CONSTRUCTED DUE TO AN EXIST. D.I. OR OTHER OBSTACLE

SEE STANDARDS FOR HANDRAIL SPECS



ADA LIBRARY TYPICAL

TYPE 2-F

SEE STANDARDS FOR HANDRAIL SPECS

REVISED: 2022-05-18

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TYPE 2
PARALLEL
CURB RAMPS

TYPICAL SHEET
6 OF 11

PARALLEL – TYPE 2 (cont'd.)

TYPE 2-G

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	20.8	23.7	–	25.8	30.2	
CONC. SIDEWALK SY	–	21.4	25.0	–	17.6	20.3	–	15.2	17.5	
TYPE 1 AGGREGATE SY	–	37.1	43.0	–	38.4	44.0	–	41.0	47.7	
ADA LINEAR GRADING LF	–	52.0	52.0	–	54.0	54.0	–	58.0	58.0	
SODDING SY	–	13.6	13.6	–	13.7	13.5	–	14.5	14.9	

TYPE 2-H

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	21.0	24.5	–	26.9	31.4	
CONC. SIDEWALK SY	–	13.2	16.0	–	12.0	14.2	–	12.0	14.4	
TYPE 1 AGGREGATE SY	–	28.9	34.0	–	33.0	38.6	–	38.9	45.8	
ADA LINEAR GRADING LF	–	42.0	42.0	–	49.0	49.0	–	55.0	55.0	
SODDING SY	–	11.1	11.2	–	12.5	12.5	–	14.5	14.9	

T* – IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

REVISED: 2022-05-18

T – TRANSITION TO EXISTING SW

L – LANDING

R – RAMP

– SOD SLOPE 6:1 MIN.

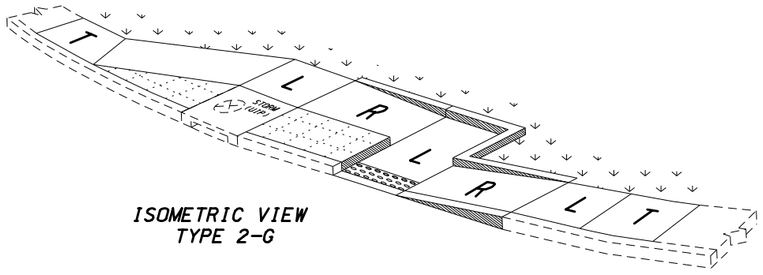
– TRUNCATED DOME LOCATION, IF DIST. IS <5' OR > 5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

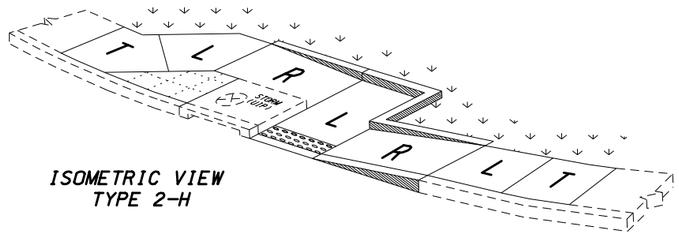
– CURB RAMP PAY LIMITS

– INCLUDED IN 4" CONC. SIDEWALK PAY LIMIT

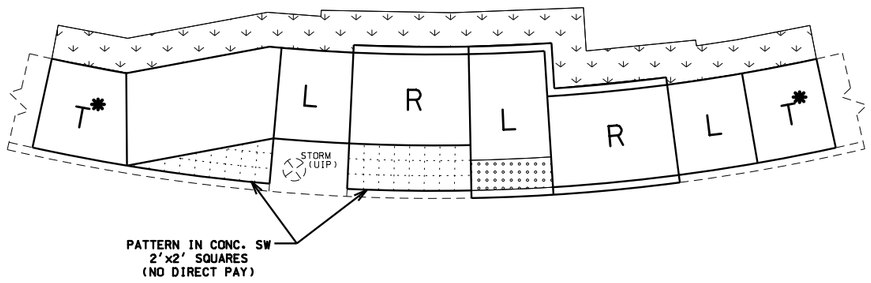
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



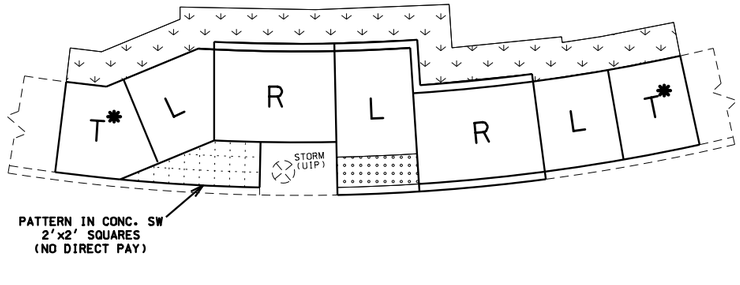
ISOMETRIC VIEW
TYPE 2-G



ISOMETRIC VIEW
TYPE 2-H



TYPE 2-G



TYPE 2-H

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

ADA LIBRARY TYPICAL
TYPE 2
PARALLEL
CURB RAMPS

TYPICAL SHEET
7 OF 11

DIAGONAL – TYPE 3

TYPE 3-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	20.6	25.0	–	20.6	25.0	
CURB RAMP SY	–	24.4	27.0	–	26.9	31.2	–	32.2	37.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	35.6	39.8	–	36.7	42.6	–	42.0	48.8	
ADA LINEAR GRADING LF	–	51.0	51.0	–	59.0	59.0	–	67.0	67.0	
SODDING SY	–	11.6	11.4	–	12.9	12.9	–	14.9	14.9	
8"SW OR MED STRIP SY	–	3.0	2.2	–	3.0	2.2	–	3.0	2.2	

TYPE 3-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	20.6	25.0	–	20.6	25.0	
CURB RAMP SY	–	22.0	26.3	–	25.9	31.2	–	31.2	37.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	33.2	39.1	–	35.7	42.6	–	41.0	48.8	
ADA LINEAR GRADING LF	–	51.0	51.0	–	59.0	59.0	–	67.0	67.0	
SODDING SY	–	15.2	15.3	–	17.1	17.5	–	20.1	20.5	
8"SW OR MED STRIP SY	–	1.5	1.5	–	1.5	1.5	–	1.5	1.5	

TYPE 3-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP SY	–	20.7	26.8	–	25.1	31.5	–	30.4	37.7	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	31.9	39.6	–	34.9	42.9	–	40.2	49.1	
ADA LINEAR GRADING LF	–	51.0	51.0	–	58.0	58.0	–	67.0	67.0	
SODDING SY	–	18.8	19.3	–	21.3	22.1	–	25.3	26.1	
8"SW OR MED STRIP SY	–	1.0	1.6	–	1.0	1.6	–	1.0	1.6	

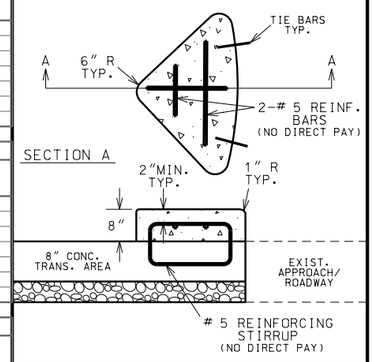
TYPE 3-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	22.4	26.5	–	22.4	26.5	
CURB RAMP SY	–	15.9	19.1	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	21.5	25.5	–	22.6	27.1	–	25.3	30.2	
ADA LINEAR GRADING LF	–	31.0	31.0	–	34.0	34.0	–	38.0	38.0	
SODDING SY	–	12.6	12.9	–	13.5	14.0	–	15.5	16.0	
8"SW OR MED STRIP SY	–	1.0	0.8	–	1.0	0.8	–	1.0	0.8	

TYPE 3-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP SY	–	17.2	19.8	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK SY	–	8.4	10.7	–	7.3	9.4	–	7.3	9.4	
TYPE 1 AGGREGATE SY	–	25.6	30.5	–	25.0	30.8	–	27.7	33.9	
ADA LINEAR GRADING LF	–	30.0	30.0	–	35.5	35.5	–	39.5	39.5	
SODDING SY	–	12.4	12.4	–	12.9	13.3	–	14.9	15.3	
8"SW OR MED STRIP SY	–	1.6	1.6	–	1.6	1.6	–	1.6	1.6	

– DETAIL – 8" SIDEWALK OR 8" MEDIAN STRIP



T′ – IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

TYPE 3-A

T – TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED IF CONDITIONS ALLOW)

T* – IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE WITH THE NEW LANDING XSLOPE)

L – LANDING

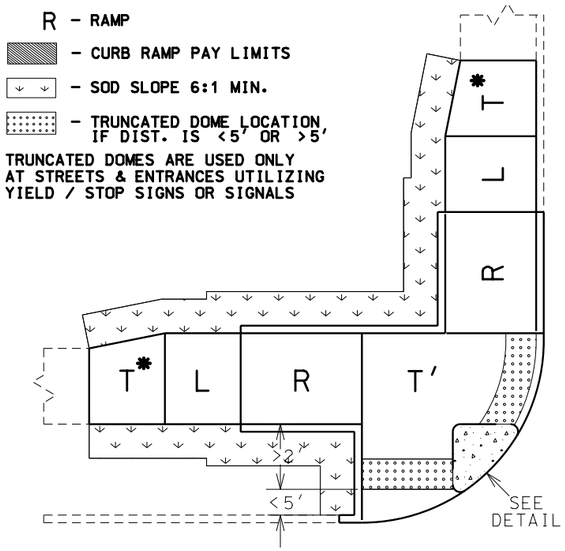
R – RAMP

– CURB RAMP PAY LIMITS

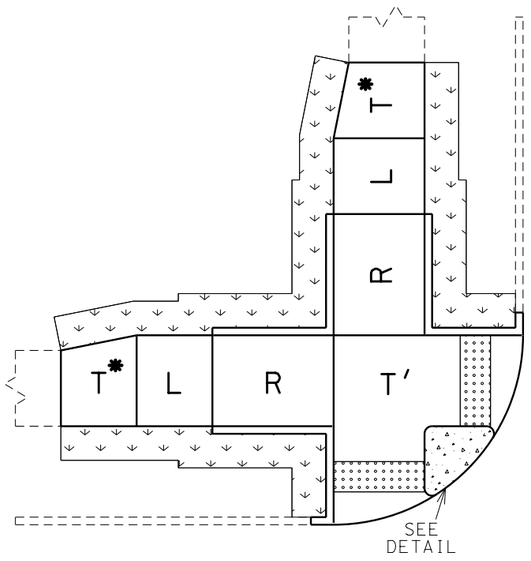
– SOD SLOPE 6:1 MIN.

– TRUNCATED DOME LOCATION, IF DIST. IS <5′ OR >5′

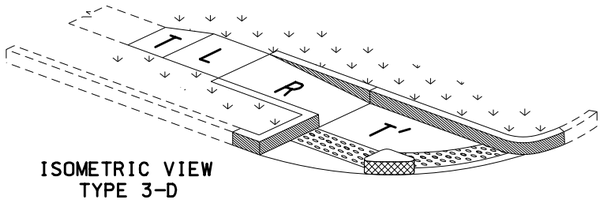
TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS



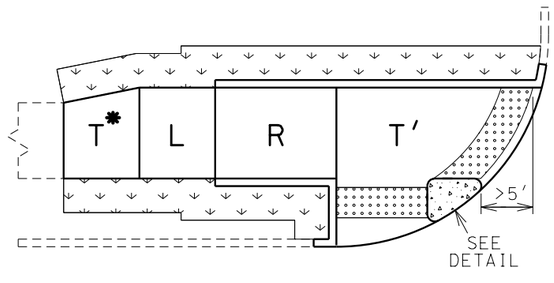
TYPE 3-B



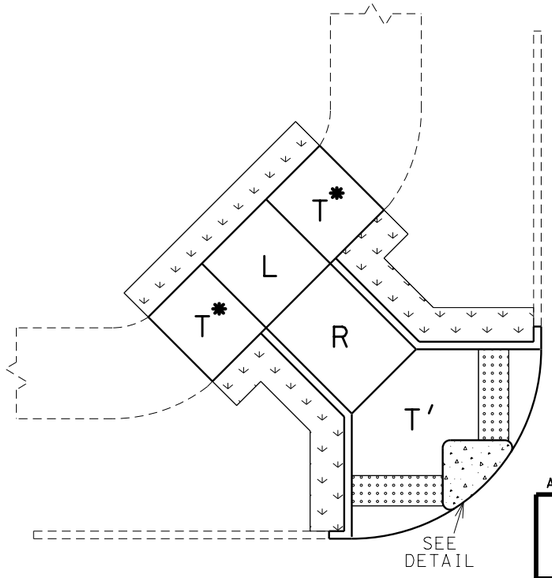
TYPE 3-C



ISOMETRIC VIEW TYPE 3-D



TYPE 3-D



TYPE 3-E

ADA LIBRARY TYPICAL

TYPE 3
DIAGONAL CURB RAMPS

TYPICAL SHEET 8 OF 11

REVISED: 2022-05-18

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

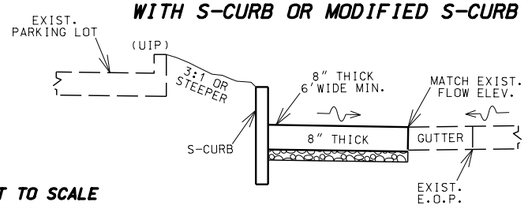
REVISED: 2022-05-16

NOTES FOR MODIFIED SIDEWALK:

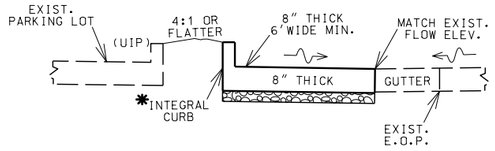
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 8" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ADJACENT TO MODIFIED SIDEWALK.
5. MODIFIED SIDEWALK PAID FOR AS 8" SIDEWALK.
6. 6' MINIMUM WIDTH.
7. NO DIRECT PAY FOR SAW CUTS AND TIE BARS (ON 12" CENTERS MAX.)
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

✱ INTEGRAL CURB IS PAID FOR WITH THE 8" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

SECTION A-A
WITH S-CURB OR MODIFIED S-CURB



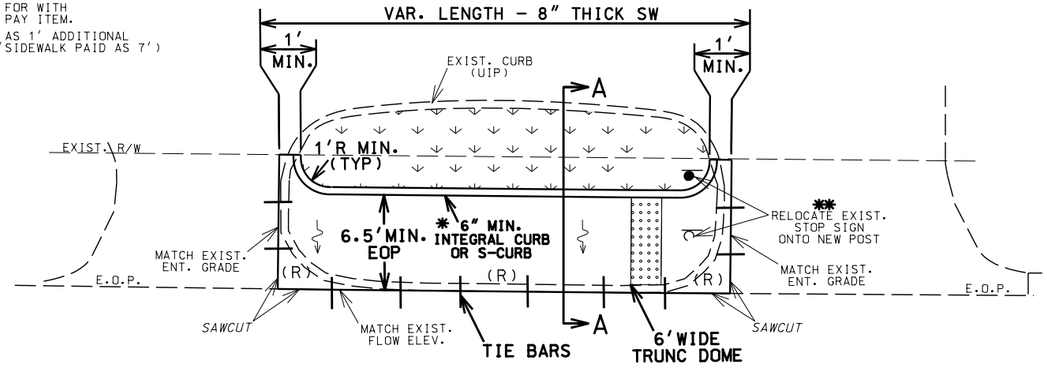
SECTION A-A
WITH INTEGRAL CURB



NOT TO SCALE

TYPICAL MODIFIED SIDEWALK
8" THICK

✱✱ TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP/YIELD SIGNS OR SIGNALS.

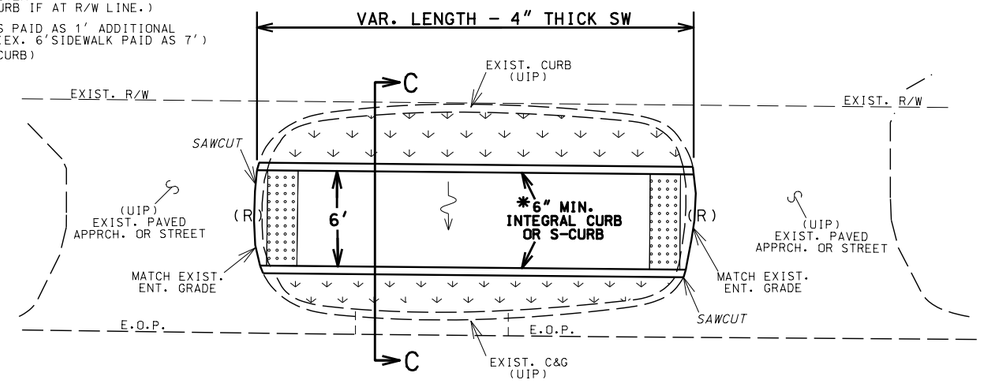


NOTES FOR CUT-THRU SIDEWALK:

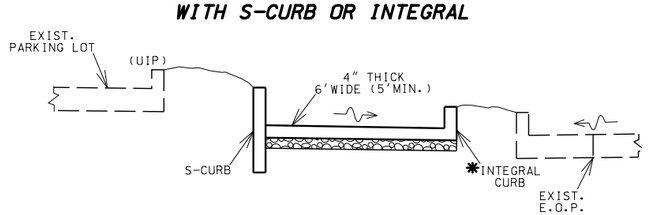
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ON BOTH SIDES ADJACENT TO SIDEWALK.
5. CUT-THRU SIDEWALK PAID FOR AS 4" SIDEWALK.
6. 6' PREFERRED WIDTH (5' MIN.)
7. SAW CUTS (NO DIRECT PAY).
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

✱ INTEGRAL CURB IS PAID FOR AS 4" CONC. SIDEWALK PAY ITEM. S-CURB IS PAID FOR AS ITS OWN PAY ITEM. (ALWAYS USE S-CURB IF AT R/W LINE.)
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

TYPICAL CUT-THRU SIDEWALK

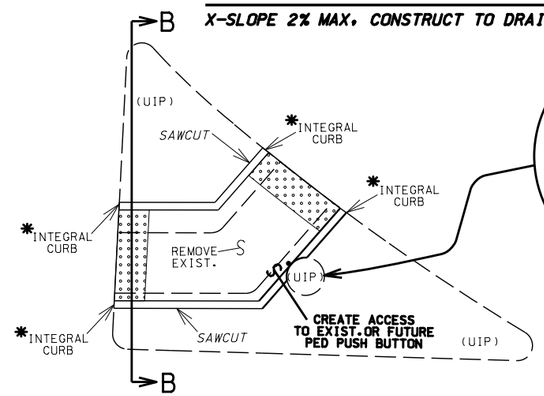


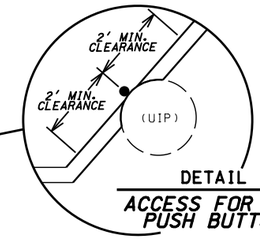
SECTION C-C
WITH S-CURB OR INTEGRAL



NOT TO SCALE

TYPICAL ISLAND CUT-THRU SIDEWALK
X-SLOPE 2% MAX. CONSTRUCT TO DRAIN

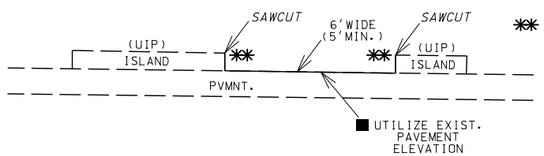




DETAIL
ACCESS FOR PED PUSH BUTTON

NOT TO SCALE

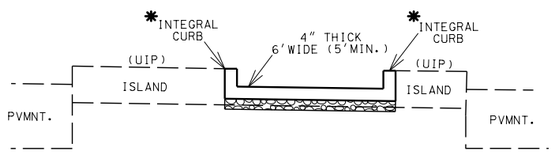
SECTION B-B
ISLAND CUT-THRU SIDEWALK FOR EXISTING 'PINNED-ON' ISLAND



■ SMALL QTY. HAS BEEN INCLUDED FOR 8" THICK SIDEWALK TO ADDRESS ANY UNFORSEEN PVMNT. REPAIRS OR DIFFERENCES IN ELEVATION. (UNDERRUN IF FIELD CONDITIONS DO NOT WARRANT)

✱✱ NO INTEGRAL CURB. AGGR. OR LIN. GRADING REQUIRED IF THE ISLAND IS 'PINNED-ON'

SECTION B-B
ISLAND CUT-THRU SIDEWALK



✱ INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

ADA LIBRARY TYPICAL

MODIFIED SIDEWALK AND SIDEWALK CUT-THRUs

TYPICAL SHEET 9 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER MO# PE-2010019516

DATE PREPARED: 8/8/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

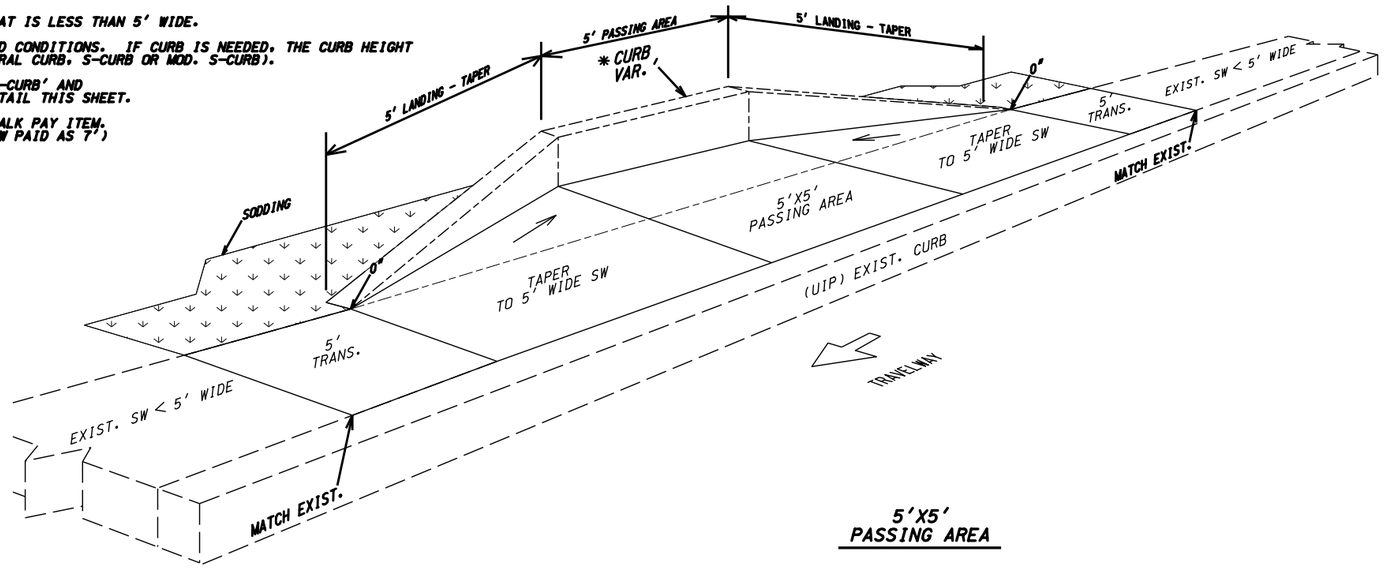
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

REVISED: 2024-01-18

NOTES:

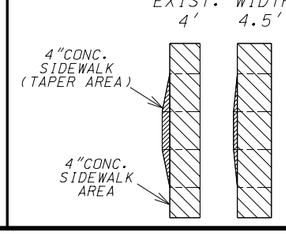
1. PASSING AREA REQUIRED EVERY 200' ON SIDEWALK THAT IS LESS THAN 5' WIDE.
2. * CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS NEEDED. THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
4. ** INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6' SW PAID AS 7') (0.11 SY/LF OF CURB)



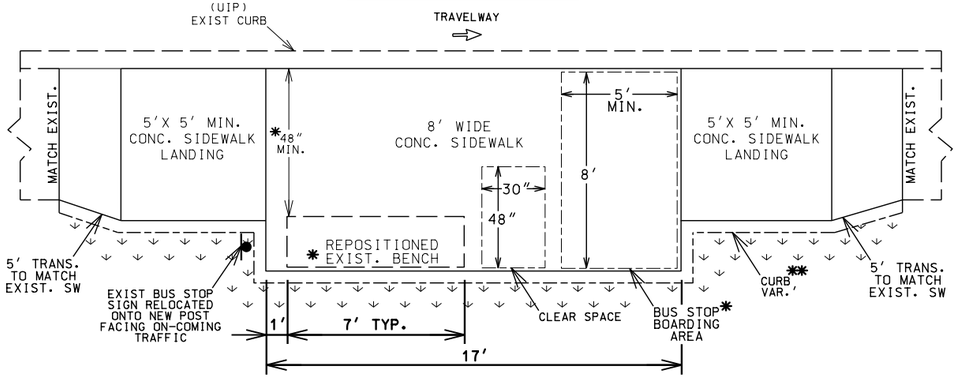
5'X5' PASSING AREA

NOT TO SCALE

QUANTITIES FOR PASSING AREAS			
EXISTING SW WIDTH		4'	4.5'
4" CONC. SIDEWALK (TAPER)	SY	1.3	0.7
TYPE 1 AGGREGATE	SY	1.3	0.7
4" CONC. SIDEWALK	SY	10.4	11.7
TYPE 1 AGGREGATE	SY	10.4	11.7
INTEGRAL CURB	** SY	2.0	2.0
TYPE 1 AGGREGATE	SY	1.0	1.0
S-CURB	LF	17.2	16.0
MODIFIFED S-CURB	LF	17.2	16.0
SODDING	SY	53.0	53.0
LINEAR GRADING	LF	25.0	25.0



BUS STOP WITH BENCH



NOTES:

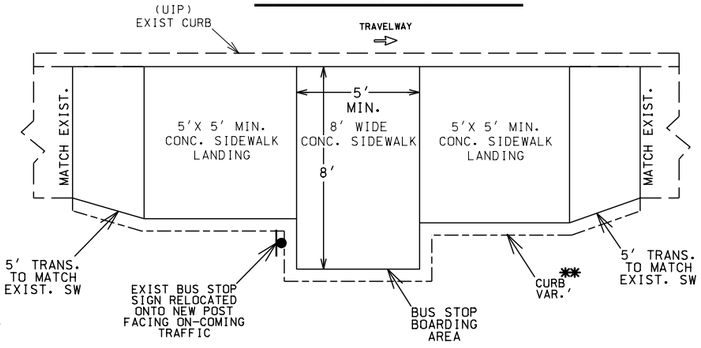
* 1. THE REPOSITIONED BENCH SHALL NOT BE PLACED ON THE 5'X8' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH AT THE BACK EDGE OF THE CONC. PAD TO PROVIDE MAX.CLEARANCE.

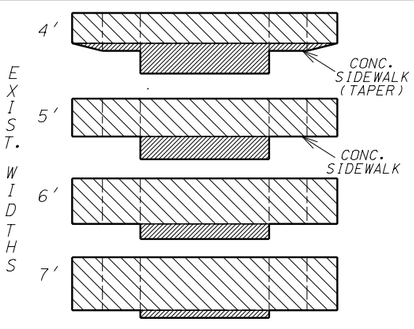
** 2. CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS NEEDED DUE TO CUT, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).

3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.

*** 4. INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. INTEGRAL CURB PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6'SW PAID AS 7') (0.11 SY/LF OF CURB)

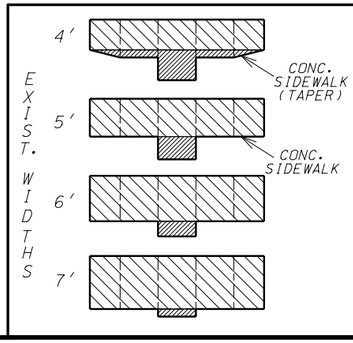
BUS STOP WITHOUT BENCH





QUANTITIES FOR BUS STOPS WITH BENCH					
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	9.3	5.8	3.9	1.9
TYPE 1 AGGREGATE	SY	9.3	5.8	3.9	1.9
4" CONC. SIDEWALK	SY	16.5	20.4	24.3	28.2
TYPE 1 AGGREGATE	SY	16.5	20.4	24.3	28.2
INTEGRAL CURB ***	SY	5.4	3.4	3.2	2.9
TYPE 1 AGGREGATE	SY	2.7	1.7	1.6	1.5
S-CURB	LF	43.5	27.0	25.0	23.0
MODIFIFED S-CURB	LF	43.5	27.0	25.0	23.0
SODDING	SY	10.6	10.4	9.8	9.4
LINEAR GRADING	LF	37.0	37.0	37.0	37.0

NOT TO SCALE



QUANTITIES FOR BUS STOPS – NO BENCH					
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	3.9	1.8	1.3	0.7
TYPE 1 AGGREGATE	SY	3.9	1.8	1.3	0.7
4" CONC. SIDEWALK	SY	10.4	12.9	15.5	18.0
TYPE 1 AGGREGATE	SY	10.4	12.9	15.5	18.0
INTEGRAL CURB ***	SY	3.8	2.0	1.8	1.6
TYPE 1 AGGREGATE	SY	1.9	1.0	0.9	0.8
S-CURB	LF	31.0	15.0	13.0	11.0
MODIFIFED S-CURB	LF	31.0	15.0	13.0	11.0
SODDING	SY	7.6	7.4	6.8	6.4
LINEAR GRADING	LF	25.0	25.0	25.0	25.0

ADA LIBRARY TYPICAL

PASSING AREAS AND BUS STOPS

TYPICAL SHEET 10 OF 11

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

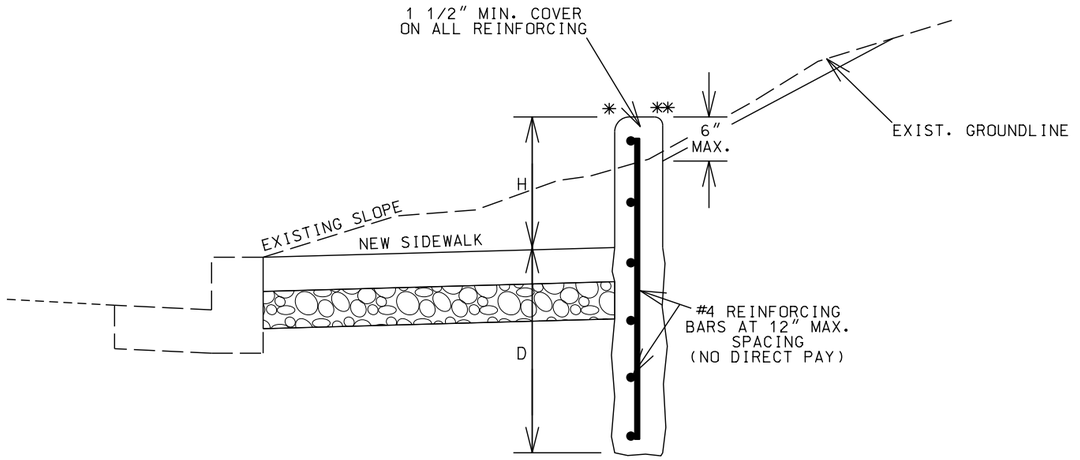
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

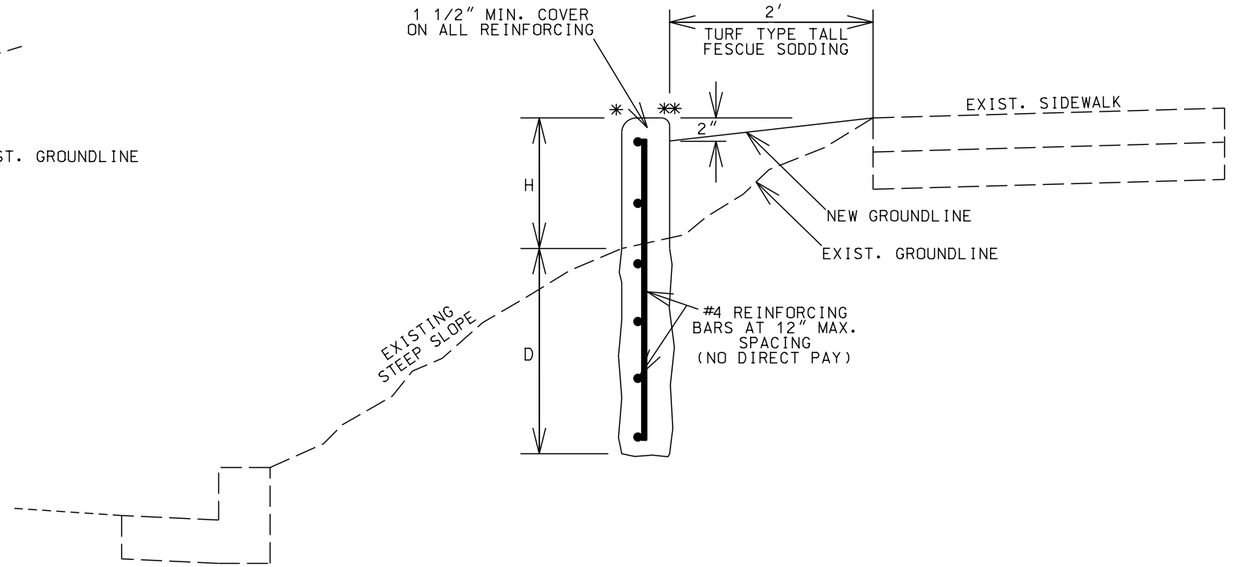
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

CREATED: 2023-11-16
REVISED: 2024-02-13

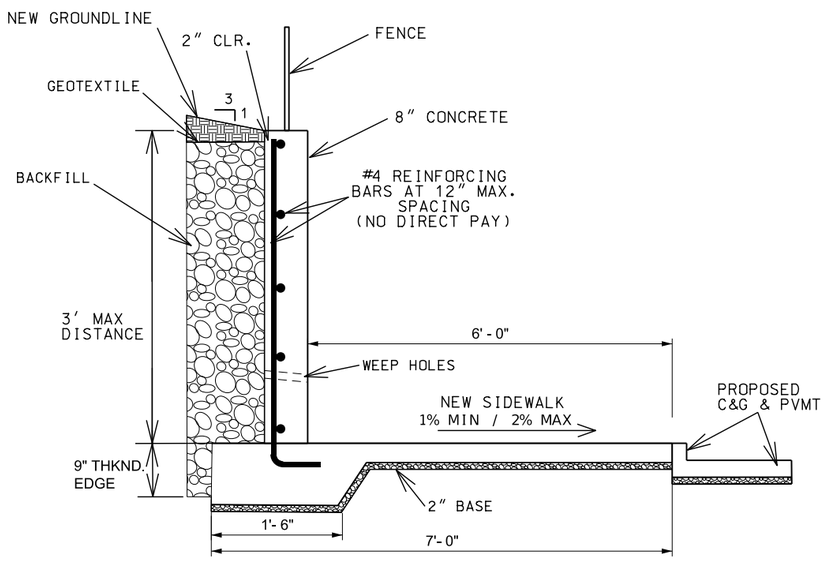
✳ ROUND TO 3/4" RADIUS
✳✳ ROUND TO 1/4" RADIUS
H = 2'-6" MAX. (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER.
VERTICAL REINFORCING LENGTHS VARY AS NEEDED.
DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK

MODIFIED S-CURB
> 12" TALL (2'-6" MAX.)





NOT TO SCALE



MODIFIED S-CURB
> 12" TALL (3'-0" MAX.)
POURED CONCRETE SIDEWALK WALL

NOT TO SCALE

ADA LIBRARY TYPICAL

MODIFIED S-CURB

TYPICAL SHEET
11 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER
JOB NO.
J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

REMOVAL OF IMPROVEMENTS (J7S2185B)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
4	201+81.84	203+25.61	RTE 66 LT.	145' CURB
4	201+22.90	202+04.65	RTE 66	210' SAWCUT
4	201+92.62	202+49.94	RTE 66 LT.	58' CURB
4	202+04.39	204+18.15	RTE 66 RT.	217' CURB
4	202+63.74		RTE 66 RT.	7'X4' CURB INLET
4	203+13.87		RTE 66 RT.	UTILITY POLE
4	203+21.97		RTE 66 RT.	TREE
4	203+50.64	204+23.69	RTE 66 LT.	73' CURB
4	203+60.84		RTE 66 RT.	TREE
4	203+99.53		RTE 66 LT.	3'X3' CURB INLET
4	204+07.04		RTE 66 RT.	7'X4' MODIFIED CURB INLET
4	204+07.63		RTE 66 LT.	7'X3' CURB INLET WITH STEEL DEFLECTOR CHANNELS
4	204+17.56		RTE 66 RT.	UTILITY POLE
4	204+54.42	205+21.47	RTE 66 LT.	67' CURB
4	204+92.36	205+38.69	RTE 66 RT.	46' CURB
4	205+38.71	205+79.98	RTE 66 RT.	152 SY PAVED APPROACH, CURB & SW
5	205+77.24	207+41.95	RTE 66 LT.	161' CURB
5	205+79.98	212+36.47	RTE 66 RT.	658' CURB
5	205+81.16		RTE 66 RT.	LIGHT POLE
5	207+86.72	209+64.25	RTE 66 LT.	268' CURB
5	208+11.14		RTE 66 LT.	1 SIGN, 1 POST
5	208+13.25		RTE 66 RT.	LIGHT POLE WITH SIGN
5	209+ 70.95		RTE 66 LT.	PULL BOX
5	209+25.90		RTE 66 LT.	POWER POLE WITH LIGHT
5	209+33.49		RTE 66 LT.	1 SIGN, 1 POST
5	209+48.01		RTE 66 LT.	TREE
5	209+53.71		RTE 66 RT.	PULL BOX
5	209+54.49		RTE 66 LT.	LIGHT POLE
5	209+55.04	209+63.74	RTE 66 LT.	CONCRETE ISLAND
5	209+63.22	209+73.28	RTE 66 LT.	CONCRETE ISLAND
5	209+63.51	210+26.86	RTE 66 LT.	72' SAWCUT
5	209+69.59	209+73.38	RTE 66 LT.	CONCRETE ISLAND
5	210+17.41		RTE 66 RT.	PULL BOX
5	210+18.23	210+49.28	RTE 66 LT.	CONCRETE ISLAND
5	210+18.36	240+35.51	RTE 66 LT.	CONCRETE ISLAND
5	210+22.13		RTE 66 LT.	PEDESTRIAN POLE
5	210+24.62	214+14.64	RTE 66 LT.	450' CURB
5	210+32.33		RTE 66 LT.	1 SIGN, 1 POST
5	210+34.22		RTE 66 LT.	LIGHT POLE
5	210+40.88		RTE 66 LT.	1 SIGN, 1 POST
5	210+48.52	214+15.25	RTE 66 LT.	166
5	210+60.28		RTE 66 LT.	SIGNS
5	210+72.68		RTE 66 LT.	POWER POLE WITH LIGHT
6	212+49.68	213+00.10	RTE 66 RT.	15" RCP
6	213+17.20	214+15.51	RTE 66 RT.	98' CURB
6	214+13.06		RTE 66 LT.	POWER POLE WITH LIGHT
6	214+16.20		RTE 66 LT.	PULL BOX
6	214+19.61		RTE 66 LT.	3 SIGN, 1 POST
6	214+22.34	214+53.20	RTE 66 LT.	31' SAWCUT
6	214+49.97	215+48.39	RTE 66 RT.	98' CURB
6	214+66.42	215+48.70	RTE 66 LT.	82' CURB
6	215+47.29		RTE 66 RT.	LIGHT POLE
6	215+60.19		RTE 66 RT.	2 SIGN, 1 POST
6	215+63.50	215+95.37	RTE 66 RT.	32' SAWCUT
6	215+98.85	216+79.38	RTE 66 LT.	81' CURB
6	216+12.04	222+12.82	RTE 66 RT.	600' CURB
6	216+31.20		RTE 66 RT.	PEDESTRIAN POLE
7	216+67.99		RTE 66 LT.	LIGHT POLE
7	217+18.56	218+31.88	RTE 66 LT.	113' CURB
7	217+32.65		RTE 66 LT.	POWER POLE
7	218+38.77		RTE 66 LT.	3 SIGN, 1 POST
7	218+47.09	218+77.13	RTE 66 LT.	30' SAWCUT
7	218+80.25	219+00.02	RTE 66 LT.	GARDEN BED
7	218+91.97	220+05.13	RTE 66 LT.	113' CURB
7	219+73.17		RTE 66 LT.	4'X2' MODIFIED GRATE INLET
7	219+73.17		RTE 66 RT.	3.5'X2.5' MODIFIED GRATE INLET
7	219+73.19		RTE 66	21" X 41' RCP
7	220+70.02	221+30.04	RTE 66 LT.	60' CURB
7	220+98.71		RTE 66 LT.	2 SIGN, 1 POST
8	221+85.95	222+15.21	RTE 66 LT.	29' CURB
8	221+96.96		RTE 66 RT.	2 SIGN, 1 POST
8	222+22.51		RTE 66 RT.	3 SIGN, 1 POST
8	222+23.97	222+64.88	RTE 66 RT.	15" X 41' CMP
8	222+28.61	222+57.65	RTE 66 RT.	29' SAWCUT
8	222+44.40	222+74.25	RTE 66 LT.	30' SAWCUT

1 LUMP SUM

REMOVAL OF IMPROVEMENTS (J7S2185B)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
8	222+74.71	223+92.54	RTE 66 RT.	118' CURB
8	222+90.40	223+91.63	RTE 66 LT.	101' CURB
8	222+91.35		RTE 66 LT.	2 SIGN, 1 POST
8	223+44.07		RTE 66 LT.	LIGHT POLE
8	224+28.37	225+45.57	RTE 66 RT.	117' CURB
8	224+59.77	227+15.02	RTE 66 LT.	255' CURB
8	224+70.47		RTE 66 RT.	LIGHT POLE
8	225+54.60		RTE 66 RT.	2 SIGN, 1 POST
8	225+58.61	225+90.45	RTE 66 RT.	32' SAWCUT
8	226+02.13	227+24.66	RTE 66 RT.	123' CURB
8	226+12.96		RTE 66 LT.	PEDESTAL POLE AND CONCRETE BASE
8	226+35.92	226+65.80	RTE 66	12" X 50' RCP
8	226+35.98		RTE 66 LT.	3' X 1.5' GRATE INLET
8	226+36.97	228+51.23	RTE 66 LT.	12" X 215' RCP
8	226+65.75		RTE 66 RT.	3' X 1.5' GRATE INLET
8	227+08.79		RTE 66 RT.	LIGHT POLE
9	227+28.52	227+60.39	RTE 66 LT.	32' SAWCUT
9	227+58.20	227+96.12	RTE 66 RT.	38' CURB
9	227+74.33	228+75.14	RTE 66 LT.	101' CURB
9	228+52.24		RTE 66 LT.	3' X 1.5' GRATE INLET
9	228+53.23	230+98.27	RTE 66 LT.	12" X 245' RCP
9	228+67.19	229+29.93	RTE 66 RT.	63' CURB
9	228+75.01		RTE 66 RT.	POWER AND LIGHT POLE
9	228+75.14	229+47.02	RTE 66 LT.	64 SY PAVED APPROACH, CURB & SW
9	229+47.02	229+91.90	RTE 66 LT.	45' CURB
9	229+82.00	229+96.28	RTE 66 RT.	14' CURB
9	230+27.93	230+41.66	RTE 66 RT.	14' CURB
9	230+30.12		RTE 66 RT.	4' X 2.5' GRATE INLET
9	230+31.38	231+17.15	RTE 66 RT.	12" X 85' RCP
9	230+33.97		RTE 66 RT.	POWER AND LIGHT POLE
9	230+55.68	230+89.77	RTE 66 RT.	34' SAWCUT
9	230+80.47		RTE 66 LT.	POWER POLE
9	230+91.94		RTE 66 RT.	3 SIGN, 1 POST
9	230+99.32	231+18.11	RTE 66	15" RCP
9	231+00.38	233+48.90	RTE 66 LT.	15" RCP
9	231+05.86	231+53.66	RTE 66 RT.	48' CURB
9	231+18.18		RTE 66 RT.	3' X 2' GRATE INLET
9	231+21.65	240+46.81	RTE 66 LT.	75' CURB
9	231+31.59	231+53.41	RTE 66 LT.	22' CURB
9	231+99.76	233+58.27	RTE 66 LT.	159' CURB
9	232+04.21		RTE 66 LT.	LIGHT POLE
9	232+24.44		RTE 66 LT.	LIGHT POLE
9	232+29.51	233+48.74	RTE 66 RT.	119' CURB
9	232+44.23		RTE 66 LT.	LIGHT POLE
10	232+64.20		RTE 66 LT.	LIGHT POLE
10	232+84.18		RTE 66 LT.	LIGHT POLE
10	233+04.18		RTE 66 LT.	LIGHT POLE
10	233+10.95		RTE 66 RT.	LIGHT POLE
10	233+24.18		RTE 66 LT.	LIGHT POLE
10	233+49.92		RTE 66 LT.	3' X 1.5' GRATE INLET
10	233+50.93		RTE 66 LT.	15" RCP
10	233+70.14		RTE 66 LT.	3' X 3' JUNCTION BOX
10	3+61.40	4+51.48	ADELE AVE.	15" RCP
10	233+74.70	233+99.77	RTE 66 LT.	111' SAWCUT
10	234+10.94	234+42.88	RTE 66 LT.	32' CURB
10	234+21.34	236+30.74	RTE 66 RT.	209' CURB
10	234+28.60		RTE 66 LT.	LIGHT POLE
10	234+73.88	234+94.07	RTE 66 LT.	20' CURB
10	235+25.07	236+14.13	RTE 66 LT.	89' CURB
10	235+39.76		RTE 66 LT.	POWER POLE
10	236+52.32	236+72.43	RTE 66 RT.	20' CURB
10	236+69.63	237+94.30	RTE 66 LT.	125' CURB
10	236+83.01		RTE 66 LT.	POWER POLE WITH LIGHT
10	237+24.44	237+65.69	RTE 66 RT.	41' CURB
10	237+31.42		RTE 66 RT.	POWER POLE
10	237+83.92	237+94.49	RTE 66 LT.	DRAINAGE STRUCTURE
10	237+93.05		RTE 66 LT.	4' X 2' GRATE INLET
10	237+94.24	239+28.84	RTE 66 LT.	15" RCP
11	238+03.21		RTE 66 LT.	3 SIGN, 1 POST
11	238+04.69	238+39.15	RTE 66 RT.	35' CURB
11	238+09.72	238+39.72	RTE 66 LT.	30' SAWCUT
11	238+24.76		RTE 66 RT.	LIGHT POLE
11	238+46.63		RTE 66 LT.	POWER POLE
11	238+94.15	240+99.24	RTE 66 RT.	205' CURB
11	239+24.03		RTE 66 LT.	LIGHT POLE

1 LUMP SUM

MOBILIZATION (J7S2185B)

1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING (J7S2185B)

1 LUMP SUM

MOBILIZATION (J7S2185F)

1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING (J7S2185F)

1 LUMP SUM

CLEARING & GRUBBING (J7S2185F)

1 ACRE

INTELLIGENT COMPACTION FOR SUBGRADE (J7S2185B)

1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER MO# PE-2010019516

DATE PREPARED 10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

REMOVAL OF IMPROVEMENTS (J7S2185B)				
SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
11	239+29.96		RTE 66 LT.	3' X 1.5' GRATE INLET
11	239+29.97	239+83.37	RTE 66	12" RCP
11	239+31.06	241+93.93	RTE 66 LT.	18" RCP
11	239+83.36		RTE 66 RT.	3' X 1.5' GRATE INLET
11	239+89.55		RTE 66 RT.	POWER POLE
11	240+09.07		RTE 66 LT.	CONCRETE BLOCK
11	240+14.40		RTE 66 LT.	POWER POLE
11	240+67.95	241+47.19	RTE 66 LT.	79' CURB
11	240+75.16		RTE 66 RT.	POWER POLE
11	240+80.17		RTE 66 LT.	POWER POLE
11	241+72.67	242+49.78	RTE 66 RT.	77' CURB
11	241+80.47	241+92.16	RTE 66 LT.	12' CURB
11	241+90.57		RTE 66 LT.	POWER POLE WITH LIGHT
11	241+94.97		RTE 66 LT.	3' X 1.5' GRATE INLET
11	241+95.10		RTE 66 LT.	STEEL PLATE
11	241+96.01	244+99.04	RTE 66 LT.	18" RCP
11	242+36.18	243+82.51	RTE 66 LT.	146' CURB
11	242+71.30	243+05.80	RTE 66 RT.	35' SAWCUT
11	243+13.50		RTE 66 LT.	1 SIGN, 1 POST
11	243+21.30		RTE 66 RT.	POWER POLE WITH LIGHT
12	243+68.72	243+86.62	RTE 66 LT.	CONCRETE PAD
12	243+68.83	243+78.32	RTE 66 LT.	TROLLEY STOP SHELTER
12	243+98.81		RTE 66 RT.	LIGHT POLE
12	244+10.87		RTE 66 RT.	BUISNESS SIGN
12	244+21.00	245+45.58	RTE 66 RT.	125' CURB
12	244+79.90	245+87.88	RTE 66 LT.	108' CURB
12	245+00.21		RTE 66 LT.	4' X 2.5' GRATE INLET
12	245+01.59	247+14.06	RTE 66 LT.	21" RCP
12	245+33.84		RTE 66 RT.	POWER POLE WITH LIGHT
12	245+66.99		RTE 66 LT.	1 SIGN, 1 POST
12	245+90.52		RTE 66 LT.	1 SIGN, 1 POST
12	246+05.08	246+39.21	RTE 66 RT.	34' CURB
12	246+67.11		RTE 66 LT.	LIGHT POLE
12	246+67.45	246+84.51	RTE 66 LT.	17' CURB
12	246+71.21	247+29.21	RTE 66 RT.	58' CURB
12	246+74.28		RTE 66 RT.	POWER POLE
12	246+84.26		RTE 66 LT.	POWER POLE
12	247+14.97	247+15.12	RTE 66	12" RCP
12	247+15.11		RTE 66 LT.	3' X 1.5' GRATE INLET
12	247+16.18	248+94.14	RTE 66 LT.	21" RCP
12	247+30.26		RTE 66 LT.	POWER POLE
12	247+33.97	247+57.37	RTE 66 LT.	23' CURB
12	247+50.75	248+67.04	RTE 66 RT.	111' CURB
12	247+96.16	248+58.08	RTE 66 LT.	62' CURB
12	247+98.59		RTE 66 RT.	1 SIGN, 1 POST
12	248+00.25		RTE 66 RT.	POWER POLE WITH LIGHT
13	248+89.69	249+28.07	RTE 66 LT.	41' CURB
13	248+97.15		RTE 66 LT.	5' X 4' MODIFIED INLET
13	249+03.30		RTE 66 LT.	5' X 5' MODIFIED INLET
13	249+06.26	249+69.58	RTE 66 LT.	24" RCP
13	249+08.49		RTE 66 LT.	POWER POLE WITH LIGHT
13	249+53.95	249+99.87	RTE 66 LT.	46' CURB
13	249+66.33		RTE 66 LT.	5' X 6' MODIFIED INLET
13	249+72.44		RTE 66 LT.	5' X 6' MODIFIED INLET
13	249+73.59	250+65.23	RTE 66 RT.	92' CURB
13	249+75.38	249+82.13	RTE 66 LT.	48" RCP
13	249+85.01		RTE 66 LT.	5' X 6' MODIFIED INLET
13	249+91.08		RTE 66 LT.	5' X 6' MODIFIED INLET
13	249+94.04	250+30.56	RTE 66 LT.	48" RCP
13	249+90.26		RTE 66 RT.	5' x 3' MODIFIED INLET
13	249+96.20		RTE 66 RT.	5' x 3' MODIFIED INLET
13	250+07.12		RTE 66 RT.	5' x 3' MODIFIED INLET
13	250+13.07		RTE 66 RT.	5' X 5' MODIFIED INLET
13	250+16.10	250+21.87	RTE 66 RT.	36" RCP
13	250+24.86		RTE 66 RT.	5' X 5' MODIFIED INLET
13	250+25.32	250+49.26	RTE 66 LT.	24' CURB
13	250+30.82		RTE 66 RT.	5' X 5' MODIFIED INLET
13	250+33.54		RTE 66 LT.	5' X 6' MODIFIED INLET
13	250+36.84		RTE 66 RT.	POWER POLE WITH LIGHT
13	250+39.53		RTE66 LT.	5' X 6' MODIFIED INLET
13	250+42.53	251+22.13	RTE 66 LT.	48" RCP
13	250+42.83		RTE 66 RT.	5' X 5' MODIFIED INLET
13	250+48.84		RTE 66 RT.	5' X 5' MODIFIED INLET
13	251+04.74	251+30.07	RTE 66 RT.	25' CURB
13	251+09.26		RTE 66 RT.	8' X 6' JUNCTION BOX
1 LUMP SUM				

REMOVAL OF IMPROVEMENTS (J7S2185B)				
SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
13	251+15.82	252+19.89	RTE 66 LT.	104' CURB
13	251+25.13		RTE 66 LT.	5' X 5' MODIFIED INLET
13	251+31.19		RTE 66 LT.	5' X 5' MODIFIED INLET
13	251+42.61		RTE 66 LT.	15' X 6' JUNCTION BOX
13	251+53.07	251+85.78	RTE 66 RT.	33' CURB
13	252+16.71	252+31.29	RTE 66 RT.	15' CURB
13	252+17.22	252+31.29	RTE 66 RT.	14' CURB
1 LUMP SUM				

EARTHWORK (J7S2185B)						
STA.	STA.	LOC.	UNCLASSIFIED EXCAVATION (CY)	COMPACTING EMBANKMENT (CY)	COMPACTING IN CUT (STA)	REMARKS
201+22.90	252+19.89	ROUTE 66	13853	21	51.0	
3+59.57	4+67.00	WALNUT AVENUE	735	58	1.1	
		TOTALS	14588	79	52.1	

PLANT MIX BITUMINOUS PAVEMENT PG64-22 (BP-1) (J7S2185B)
453 TON

NOTE: ASPHALT WEDGING FOR PAVEMENT ELEVATION DIFFERENCES BETWEEN CONSTRUCTION PHASES

MISC. TEMPORARY SURFACING (J7S2185B)
PLANT MIX BITUMINOUS PAVEMENT PG64-22 (BP-1)
2700 TON

NOTE:LOCATIONS OF TEMPORARY SURFACING TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION

CONCRETE MEDIAN (J7S2185B)				
SHEET NO.	STA.	STA.	LOCATION	8" CONC. MEDIAN STRIP (LF)
5	209+55.71	209+64.11	RTE 66 LT	6.1
5	209+64.11	209+77.48	RTE 66 LT	16.5
5	209+69.88	209+77.52	RTE 66 LT	4.5
5	210+26.98	210+49.92	RTE 66 LT	16.1
5	210+27.03	210+34.93	RTE 66 LT	3.5
		TOTALS		46.7

SUMMARY OF QUANTITIES
SHEET 2 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER MO# PE-2010019516

DATE PREPARED: 10/6/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

REMOVAL OF IMPROVEMENTS (J7S2185F)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
4	201+82.09	201+89.23	RTE 66 LT.	11' SAWCUT
4	201+82.12	203+25.62	RTE 66 LT.	96 SY SIDEWALK
4	202+04.65	202+07.99	RTE 66 RT.	6' SAWCUT
4	202+04.67	204+18.09	RTE 66 RT.	125 SY SIDEWALK
4	203+25.61	203+50.64	RTE 66 LT.	48 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
4	203+26.00	203+50.00	RTE 66 LT.	24' SAWCUT
4	203+50.40	204+23.69	RTE 66 LT.	43 SY SIDEWALK
4	204+01.42	204+92.37	RTE 66 RT.	182 SY PAVED APPROACH, CURB & SW
4	204+01.42	204+61.63	RTE 66 RT.	73' SAWCUT
4	204+23.69	204+54.42	RTE 66 LT.	44 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
4	204+30.00	204+54.00	RTE 66 LT.	24' SAWCUT
4	204+54.42	205+21.46	RTE 66 LT.	34 SY SIDEWALK
4	204+92.36	205+38.69	RTE 66 RT.	21 SY SIDEWALK
4	205+21.47	205+77.24	RTE 66 LT.	103 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
4	205+38.71	205+79.98	RTE 66 RT.	152 SY PAVED APPROACH, CURB & SW
5	205+77.24	207+41.95	RTE 66 LT.	69 SY SIDEWALK
5	205+79.97	212+46.41	RTE 66 RT.	340 SY SIDEWALK
5	207+38.54	207+86.72	RTE 66 LT.	84 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
5	207+45.79	207+80.33	RTE 66 LT.	35' SAWCUT
5	207+85.64	209+49.69	RTE 66 LT.	81 SY SIDEWALK
5	210+48.52	214+15.25	RTE 66 LT.	166 SY SIDEWALK
5	212+46.28	213+04.57	RTE 66 RT.	151 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
6	212+54.42	210+98.42	RTE 66 RT.	44' SAWCUT
6	213+04.54	214+15.51	RTE 66 RT.	47 SY SIDEWALK
6	214+14.61	214+66.45	RTE 66 LT.	84 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
6	214+15.50	214+42.50	RTE 66 RT.	25 SY PAVED APPROACH, CURB & SW
6	214+27.11	214+39.11	RTE 66 RT.	12' SAWCUT
6	214+44.01	215+48.43	RTE 66 RT.	42 SY SIDEWALK
6	214+66.42	215+48.70	RTE 66 LT.	37 SY SIDEWALK
6	215+48.39	216+12.08	RTE 66 RT.	91 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
6	215+48.72	215+98.85	RTE 66 LT.	75 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
6	215+58.03	215+91.28	RTE 66 LT.	33' SAWCUT
6	215+98.90	216+79.38	RTE 66 LT.	52 SY SIDEWALK
6	216+12.04	222+12.82	RTE 66 RT.	203 SY SIDEWALK
7	216+79.38	217+18.55	RTE 66 LT.	64 SY CURB, SW & ASPHALT PVMT
7	216+85.06	217+10.97	RTE 66 LT.	26' SAWCUT
7	217+18.56	218+31.86	RTE 66 LT.	50 SY SIDEWALK
7	218+31.88	218+91.97	RTE 66 LT.	99 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
7	218+91.98	220+05.12	RTE 66 LT.	66 SY SIDEWALK
7	218+99.79	222+44.40	RTE 66 LT.	361' SAWCUT
7	220+05.13	221+85.95	RTE 66 LT.	267 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
7	220+70.02	221+30.04	RTE 66 LT.	29 SY SIDEWALK
8	221+85.95	222+31.68	RTE 66 LT.	25 SY SIDEWALK
8	222+12.82	222+74.71	RTE 66 RT.	94 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	222+31.68	222+90.40	RTE 66 LT.	99 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	222+74.71	223+92.53	RTE 66 RT.	41 SY SIDEWALK
8	222+90.40	223+91.63	RTE 66 LT.	45 SY SIDEWALK
8	223+91.63	224+61.37	RTE 66 LT.	102 SY PAVED APPROACH, CURB & SW
8	223+92.54	224+28.37	RTE 66 RT.	29 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	223+99.58	224+17.14	RTE 66 RT.	18' SAWCUT
8	224+08.25	224+53.13	RTE 66 LT.	45' SAWCUT
8	224+28.37	225+45.57	RTE 66 LT.	40 SY SIDEWALK
8	224+60.47	227+14.94	RTE 66 LT.	119 SY SIDEWALK
8	225+45.57	226+02.13	RTE 66 RT.	105 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	226+02.12	227+24.70	RTE 66 RT.	57 SY SIDEWALK
8	226+12.60	230+27.87	RTE 66 RT.	439' SAWCUT
8	227+14.91	227+74.33	RTE 66 LT.	129 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	227+24.66	227+58.20	RTE 66 RT.	73 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	227+58.24	227+96.10	RTE 66 RT.	15 SY SIDEWALK
9	227+74.33	228+75.14	RTE 66 LT.	60 SY SIDEWALK
9	227+96.12	228+67.19	RTE 66 RT.	222 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	228+60.49	230+46.78	RTE 66 LT.	187' SAWCUT
9	228+67.20	229+29.92	RTE 66 RT.	24 SY SIDEWALK
9	228+75.14	229+47.02	RTE 66 LT.	64 SY PAVED APPROACH, CURB & SW
9	229+29.93	229+82.01	RTE 66 RT.	161 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	229+47.02	229+91.90	RTE 66 LT.	23 SY SIDEWALK
9	229+82.00	229+96.28	RTE 66 RT.	6 SY SIDEWALK
9	229+91.90	230+46.81	RTE 66 LT.	92 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	229+96.29	230+27.93	RTE 66 RT.	98 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	230+27.87	230+41.66	RTE 66 RT.	5 SY SIDEWALK
9	230+41.66	231+00.84	RTE 66 RT.	86 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	230+46.81	231+53.38	RTE 66 LT.	48 SY SIDEWALK
9	231+05.86	231+53.66	RTE 66 RT.	31 SY SIDEWALK
9	231+39.16	233+74.83	RTE 66 LT.	327' SAWCUT
9	231+53.42	231+99.76	RTE 66 LT.	77 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
1 LUMP SUM				

REMOVAL OF IMPROVEMENTS (J7S2185F)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
9	231+60.57	232+24.80	RTE 66 RT.	119 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	231+77.73	232+10.23	RTE 66 RT.	33' SAWCUT
9	231+99.76	233+58.26	RTE 66 LT.	67 SY SIDEWALK
9	232+29.51	233+48.74	RTE 66 RT.	78 SY SIDEWALK
10	233+52.64	234+17.81	RTE 66 RT.	133 SY PAVED APPROACH, CURB, & SW
10	233+58.27	234+10.94	RTE 66 LT.	101 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	233+67.81	234+02.04	RTE 66 RT.	34' SAWCUT
10	4+06.64	4+46.99	ADELE AVE. RT.	33 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	233+99.77	235+95.35	RTE 66 LT.	197' SAWCUT
10	234+10.94	234+42.88	RTE 66 LT.	14 SY SIDEWALK
10	234+21.34	236+30.74	RTE 66 RT.	135 SY SIDEWALK
10	234+42.88	234+73.88	RTE 66 LT.	76 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	234+73.88	234+94.07	RTE 66 LT.	12 SY SIDEWALK
10	234+94.07	235+25.07	RTE 66 LT.	76 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	235+25.07	236+14.13	RTE 66 LT.	49 SY SIDEWALK
10	236+04.13	238+09.72	RTE 66 LT.	206' SAWCUT
10	236+14.13	236+69.63	RTE 66 LT.	136 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	236+30.32	240+31.37	RTE 66 RT.	416' SAWCUT
10	236+30.74	236+52.32	RTE 66 RT.	41 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	236+52.32	236+72.43	RTE 66 RT.	13 SY SIDEWALK
10	236+69.63	238+00.83	RTE 66 LT.	71 SY SIDEWALK
10	236+72.43	237+24.44	RTE 66 RT.	98 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	237+24.44	237+65.69	RTE 66 RT.	22 SY SIDEWALK
10	237+65.69	238+04.69	RTE 66 RT.	74 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	237+94.30	238+55.25	RTE 66 LT.	100 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
11	238+04.69	238+39.15	RTE 66 RT.	22 SY SIDEWALK
11	238+39.15	238+94.15	RTE 66 RT.	104 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
11	238+39.72	240+79.06	RTE 66 LT.	245' SAWCUT
11	238+55.24	240+19.95	RTE 66 LT.	82 SY SIDEWALK
11	238+94.15	240+99.24	RTE 66 RT.	101 SY SIDEWALK
11	240+19.95	240+67.95	RTE 66 LT.	123 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
11	240+67.95	241+47.19	RTE 66 LT.	52 SY SIDEWALK
11	240+96.69	241+73.24	RTE 66 RT.	77' SAWCUT
11	240+99.24	241+73.24	RTE 66 RT.	148 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
11	241+36.63	243+36.19	RTE 66 LT.	104' SAWCUT
11	241+40.32	242+50.09	RTE 66 LT.	246 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
11	241+72.67	242+59.98	RTE 66 RT.	53 SY SIDEWALK
11	241+80.47	241+92.16	RTE 66 LT.	7 SY SIDEWALK
11	242+36.18	243+88.65	RTE 66 LT.	83 SY SIDEWALK
11	242+59.99	243+14.87	RTE 66 RT.	89 SY PAVED APPROACH, CURB, & SW
11	243+06.21	244+75.20	RTE 66 RT.	178' SAWCUT
11	243+20.88	243+69.00	RTE 66 RT.	22 SY SIDEWALK
12	243+69.00	244+21.00	RTE 66 RT.	105 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	243+82.42	244+79.90	RTE 66 LT.	191 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	244+04.81	244+55.81	RTE 66 LT.	51' SAWCUT
12	244+21.00	245+45.58	RTE 66 RT.	76 SY SIDEWALK
12	244+71.17	245+91.76	RTE 66 LT.	56 SY SIDEWALK
12	245+16.00	246+11.58	RTE 66 RT.	96' SAWCUT
12	245+45.58	246+05.08	RTE 66 RT.	90 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	245+78.69	246+80.67	RTE 66 LT.	292 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	245+78.69	246+80.73	RTE 66 LT.	102' SAWCUT
12	246+05.08	246+39.21	RTE 66 RT.	17 SY SIDEWALK
12	246+27.72	246+76.22	RTE 66 RT.	77 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	246+27.72	246+76.22	RTE 66 RT.	52' SAWCUT
12	246+62.09	246+89.11	RTE 66 LT.	12 SY SIDEWALK
12	246+71.21	247+29.21	RTE 66 RT.	25 SY SIDEWALK
12	246+84.51	247+33.97	RTE 66 LT.	92 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	246+93.65	247+24.65	RTE 66 LT.	31' SAWCUT
12	247+29.21	247+50.76	RTE 66 RT.	48 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	247+29.48	247+58.40	RTE 66 LT.	13 SY SIDEWALK
12	247+50.75	248+67.04	RTE 66 RT.	50 SY SIDEWALK
12	247+57.37	247+91.54	RTE 66 LT.	45 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	247+59.41	247+91.41	RTE 66 LT.	32' SAWCUT
12	247+91.60	248+58.05	RTE 66 LT.	30 SY SIDEWALK
12	248+29.21	247+51.02	RTE 66 RT.	22' SAWCUT
12	248+45.24	248+89.49	RTE 66 LT.	44' SAWCUT
12	248+45.25	248+89.69	RTE 66 LT.	66 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	248+63.99	249+73.58	RTE 66 RT.	219 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	248+72.07	248+97.57	RTE 66 RT.	26' SAWCUT
13	248+89.69	249+28.05	RTE 66 LT.	22 SY SIDEWALK
13	249+12.46	249+54.37	RTE 66 RT.	68 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
13	249+12.70	249+53.85	RTE 66 LT.	41' SAWCUT
13	249+17.51	249+77.12	RTE 66 RT.	61' SAWCUT
13	249+53.95	249+99.87	RTE 66 LT.	29 SY SIDEWALK
13	249+73.59	250+65.23	RTE 66 RT.	53 SY SIDEWALK
1 LUMP SUM				

SUMMARY OF QUANTITIES
SHEET 3 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

REMOVAL OF IMPROVEMENTS (J7S2185F)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
13	249+93.78		RTE 66 LT.	4' SAWCUT
13	249+99.78	250+43.32	RTE 66 RT.	62 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
13	249+99.78	250+43.32	RTE 66 LT.	44' SAWCUT
13	250+25.32	250+49.26	RTE 66 LT.	13 SY SIDEWALK
13	250+48.93	251+15.83	RTE 66 RT.	139 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
13	250+57.10	251+12.73	RTE 66 RT.	66' SAWCUT
13	250+57.36	251+13.31	RTE 66 RT.	106 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
13	250+60.22	250+97.22	RTE 66 LT.	37' SAWCUT
13	251+04.74	251+30.07	RTE 66 RT.	15 SY SIDEWALK
13	251+15.82	252+19.89	RTE 66 LT.	59 SY SIDEWALK
13	251+30.07	251+53.07	RTE 66 RT.	57 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
13	251+30.07	251+53.07	RTE 66 RT.	23' SAWCUT
13	251+53.07	251+85.78	RTE 66 RT.	19 SY SIDEWALK
13	251+85.78	252+16.71	RTE 66 RT.	88 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
13	251+85.79	252+26.79	RTE 66 RT.	45' SAWCUT
13	252+16.71	252+31.29	RTE 66 RT.	12 SY SIDEWALK
1 LUMP SUM				

ASPHALT PAVEMENT (J7S2185F)

SHEET	STA.	STA.	LOCATION	PLANT MIX BITUMIMOUS PAVEMENT		6" TYPE 5 AGGREGATE	TACK COAT
				(BP-1) (1.75") (TON)	(BASE) (6.25") (TON)	(SY)	(TON)
7	218+99.79	220+04.85	RTE 66 LT	7.8	27.8	82	9
7	220+70.48	221+30.07	RTE 66 LT	3.8	13.7	41	5
8	221+85.92	222+44.40	RTE 66 LT	5.0	17.9	53	6
8-9	226+12.60	227+33.50	RTE 66 RT	8.7	31.0	92	10
9	227+49.57	227+96.01	RTE 66 RT	10.0	35.5	105	11
9	228+60.49	230+46.78	RTE 66 LT	13.8	49.1	145	15
9	228+67.26	229+29.88	RTE 66 RT	13.2	47.0	139	14
9	229+82.06	229+95.26	RTE 66 RT	2.8	10.0	30	3
9	231+39.16	231+59.74	RTE 66 LT	1.7	6.2	18	2
9-10	231+95.24	233+69.22	RTE 66 LT	17.6	62.7	185	19
10	234+02.02	234+42.88	RTE 66 LT	5.5	19.8	58	6
10	234+73.88	234+94.07	RTE 66 LT	3.0	10.6	31	4
10	235+25.07	235+95.35	RTE 66 LT	10.3	36.8	109	11
10	236+04.13	236+14.13	RTE 66 LT	1.5	5.3	16	2
10	236+52.32	236+72.44	RTE 66 RT	1.9	6.7	20	2
10-11	236+70.13	238+09.72	RTE 66 LT	20.5	73.0	216	22
10	237+24.44	237+65.69	RTE 66 RT	3.9	13.8	41	5
11	238+05.19	238+39.15	RTE 66 RT	3.2	11.5	34	4
11	238+39.72	240+19.95	RTE 66 LT	19.9	71.1	210	21
11	238+94.15	240+31.37	RTE 66 RT	12.4	44.3	131	14
11	240+67.95	240+79.06	RTE 66 LT	1.7	6.1	18	2
11	241+30.28	241+47.19	RTE 66 LT	1.6	5.7	17	2
11	242+36.19	242+50.07	RTE 66 LT	2.0	7.2	21	3
11-12	243+06.21	243+69.00	RTE 66 RT	3.4	12.2	36	4
12	244+21.00	244+75.20	RTE 66 RT	3.1	11.1	33	4
12	245+16.00	245+45.08	RTE 66 RT	1.6	5.8	17	2
12	246+05.08	246+11.58	RTE 66 RT	0.3	1.2	4	1
13	251+05.23	251+12.73	RTE 66 RT	0.8	2.9	9	1
10	3+61.40	4+00.00	ADELE RT	2.4	8.5	25	3
			TOTAL	183.4	654.5	1936.0	207

PAVEMENT (J7S2185B)

SHEET	STA.	STA.	LOCATION	ALTERNATE A (SY)	ALTERNATE B (SY)	9.5" PCCP (SY)	6" TYPE 5 AGGREGATE (SY)	REMARKS
4-5	201+22.90	209+00.01	RTE 66	4788.2	4788.2		4788	
4	202+57.88	203+96.90	RTE 66 RT				14	
4	202+75.00	204+01.33	RTE 66 LT				57	
4	203+98.68	204+1134	RTE 66				84	
4-5	204+09.42	206+28.50	RTE 66 RT				80	
4-5	204+13.35	208+21.50	RTE 66 LT				319	
5	208+21.50	208+28.50	RTE 66				47	
5	208+28.50	211+29.97	RTE 66 LT				240	
5	208+28.50	211+30.02	RTE 66 RT				148	
5-8	209+00.01	224+49.99	RTE 66			8518.8	8519	
5	210+01.74		RTE 66 LT	894.4	894.4		894	WALMART DRIVE
6	211+30.00	211+40.00	RTE 66				78	
7	218+95.00	219+68.25	RTE 66 RT				27	
7	218+98.50	219+68.26	RTE 66 LT				20	
7	219+68.25	219+78.25	RTE 66				51	
7	219+78.24	220+88.51	RTE 66 LT				34	
7	219+78.26	220+80.01	RTE 66 RT				36	
8	222+46.04		RTE 66 RT			86.6	87	MCKINLEY AVENUE
8	222+56.54		RTE 66 LT			78.3	78	MCKINLEY AVENUE
8-13	224+49.99	252+19.89	RTE 66	13786.3	13786.3		13786	
8	225+77.00		RTE 66 RT	91.3	91.3		91	ROOSEVELT AVENUE
8	226+32.92	226+68.85	RTE 66				31	
8-9	226+36.78	230+96.91	RTE 66 LT				252	
9	227+42.27		RTE 66 LT	106.4	106.4		106	OLIVER AVENUE
9	227+68.61	231+05.98	RTE 66 RT				124	
9	230+73.38		RTE 66 RT	57.6	57.6		58	WILLARD AVENUE
9	230+96.91	231+21.13	RTE 66				67	
9-10	231+14.75	233+39.50	RTE 66 LT				103	
10	233+46.50	233+75.10	RTE 66 LT				30	
10	233+84.03		RTE 66 LT	106.1	106.1		106	ADELE AVENUE
10	233+39.50	233+46.50	RTE 66				36	
10	235+76.50	235+83.50	RTE 66				36	
10-11	235+83.50	239+26.83	RTE 66 LT				124	
11	238+24.81		RTE 66 LT	76.9	76.9		77	TYLER AVENUE
11	239+01.50	239+78.50	RTE 66 RT				27	
11	239+26.79	239+78.50	RTE 66				36	
11	239+78.50	239+86.49	RTE 66				41	
11	239+86.58	240+80.53	RTE 66 LT				43	
11	240+80.95	240+89.06	RTE 66				42	
11	240+89.48	242+52.18	RTE 66 LT				76	
11	242+41.50	242+61.29	RTE 66				42	
11-12	242+61.29	244+96.75	RTE 66 LT				125	
12	244+96.75	245+03.75	RTE 66				36	
12	245+03.75	247+12.61	RTE 66 LT				128	
12	246+18.50	247+12.47	RTE 66 RT				29	
12	247+12.54	247+17.55	RTE 66				27	
12-13	247+17.61	251+36.12	RTE 66 LT				316	
12-13	248+46.50	251+15.55	RTE 66 RT				78	
			TOTAL	19907.2	19907.2	8683.7	31674.0	

SUMMARY OF QUANTITIES
SHEET 4 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185B\plan_sheets\3 Quantities\003_QU_01-13_J7S2185B_I1.dgn 1:04:22 PM 10/7/2025

SIDEWALK, CURB RAMP, TRUNCATED DOMES, TYPE 1 AGGREGATE (J7S2185F)

SHEET NO.	STA.	STA.	LOCATION	SIDEWALK 4" THICK (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SF)	4" TYPE 1 AGGREGATE (SY)
4	201+82.09	203+08.00	RTE 66 LT.	85.9			86
4	202+04.65	204+08.13	RTE 66 RT.	136.3			136
4	203+08.00	203+25.37	RTE 66 LT.		10.7		11
4	203+50.63	203+68.00	RTE 66 LT.		10.7		11
4	203+68.00	204+12.00	RTE 66 LT.	29.3			29
4	204+08.13	204+25.50	RTE 66 RT.		10.7		11
4	204+12.00	204+29.37	RTE 66 LT.		10.7		11
4	204+54.63	204+72.00	RTE 66 LT.		10.7		11
4	204+62.26	204+81.63	RTE 66 RT.		12.1		12
4	204+72.00	205+05.78	RTE 66 LT.	22.5			23
4	204+81.63	205+23.30	RTE 66 RT.	27.8			28
4	205+05.78	205+21.15	RTE 66 LT.		9.3		9
4	205+23.30	205+38.67	RTE 66 RT.		9.3		9
4-5	205+76.41	205+95.78	RTE 66 LT.		12.1		12
5	205+79.93	205+99.30	RTE 66 RT.		12.1		12
5	205+95.78	207+31.33	RTE 66 LT.	90.4			90
5	205+99.30	206+60.94	RTE 66 RT.	241.3			241
5	207+31.33	207+46.70	RTE 66 LT.		9.3		9
5	207+80.96	208+01.33	RTE 66 LT.		12.9		13
5	208+01.33	209+32.77	RTE 66 LT.	89.7			90
5	209+28.39	209+43.45	RTE 66 LT.		10.8		11
5	209+37.49	209+43.13	RTE 66 LT.			12	
5	209+60.61	209+65.66	RTE 66 LT.			12	
5	209+60.94	209+88.80	RTE 66 RT.		23.0		23
5	209+63.95	209+70.16	RTE 66 LT.			12	
5	209+68.90	209+74.87	RTE 66 RT.			12	
5	209+75.46	209+77.48	RTE 66 LT.			12	
5-6	209+88.80	212+27.43	RTE 66 RT.	160.0			160
5	210+26.98	210+29.03	RTE 66 LT.			12	
5	210+33.61	210+39.89	RTE 66 LT.			12	
5	210+53.62	210+73.72	RTE 66 LT.		14.8		15
5	210+53.98	210+59.75	RTE 66 LT.			12	
5-6	210+70.27	213+99.47	RTE 66 RT.	219.3			219
6	212+27.43	212+49.17	RTE 66 RT.		12.4		12
6	213+03.66	213+27.42	RTE 66 RT.		13.9		14
6	213+27.42	214+09.11	RTE 66 RT.	54.5			55
6	213+99.52	214+19.23	RTE 66 LT.		11.8		12
6	214+06.87	214+18.87	RTE 66 LT.			24	
6	214+09.11	214+26.48	RTE 66 RT.		10.7		11
6	214+17.11	214+26.28	RTE 66 RT.			20	
6	214+39.74	214+58.11	RTE 66 RT.		11.4		11
6	214+39.95	21+49.11	RTE 66 RT.			20	
6	214+55.78	214+77.14	RTE 66 LT.		12.8		13
6	214+56.14	214+68.14	RTE 66 LT.			24	
6	214+58.11	215+38.78	RTE 66 RT.	53.8			54
6	214+77.14	215+40.03	RTE 66 LT.	41.9			42
6	215+38.78	215+61.14	RTE 66 RT.		13.5		14
6	215+40.03	215+57.40	RTE 66 LT.		10.7		11
6	215+48.81	215+60.81	RTE 66 RT.			24	
6	215+98.68	216+19.04	RTE 66 RT.		12.1		12
6	215+91.91	216+09.28	RTE 66 LT.		10.7		11
6	215+99.04	216+11.04	RTE 66 RT.			24	
6-7	216+09.28	216+64.71	RTE 66 LT.	37.0			37
6-7	216+19.04	221+99.40	RTE 66 RT.	386.5			387
7	216+64.71	216+84.08	RTE 66 LT.		12.1		12
7	217+11.35	217+27.72	RTE 66 LT.		10.0		10
7	217+27.72	218+21.51	RTE 66 LT.	62.5			63
7	218+21.51	218+43.82	RTE 66 LT.		13.5		14
7	218+31.50	218+43.47	RTE 66 LT.			24	
7	218+79.48	218+99.79	RTE 66 LT.		12.0		12
7	218+79.84	218+91.81	RTE 66 LT.			24	
7	218+99.79	219+97.14	RTE 66 LT.	65.0			65
7	219+97.13	220+05.14	RTE 66 LT.		5.3		5
7	220+70.00	220+79.99	RTE 66 LT.		6.7		7
7	220+79.99	221+22.56	RTE 66 LT.	34.3			34
7	221+22.56	221+30.06	RTE 66 LT.		5.8		6
8	221+85.43	222+41.34	RTE 66 LT.		37.8		38
8	221+99.40	222+25.82	RTE 66 RT.		16.4		16
8	222+07.42	222+25.46	RTE 66 RT.			36	
8	222+07.43	222+13.42	RTE 66 LT.			12	
8	222+61.31	222+83.72	RTE 66 RT.		13.5		14
8	222+61.67	222+73.70	RTE 66 RT.			24	
8	222+76.63	222+96.95	RTE 66 LT.		12.0		12
8	222+76.99	222+88.96	RTE 66 LT.			24	
			SUBTOTAL-1	1838.0	418.8	316	2260

SUMMARY OF QUANTITIES
SHEET 5 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SIDEWALK, CURB RAMP, TRUNCATED DOMES, TYPE 1 AGGREGATE (J7S2185F)

SHEET NO.	STA.	STA.	LOCATION	SIDEWALK 4" THICK (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SF)	4" TYPE 1 AGGREGATE (SY)
8	222+83.72	223+77.78	RTE 66 RT.	62.6			63
8	222+96.95	223+90.29	RTE 66 LT.	62.4			62
8	223+77.78	223+98.19	RTE 66 RT.		12.1		12
8	223+85.80	223+97.83	RTE 66 RT.			24	
8	223+90.29	224+07.62	RTE 66 LT.		10.7		11
8	224+18.53	224+38.93	RTE 66 RT.		12.1		12
8	224+18.89	224+30.92	RTE 66 RT.			24	
8	224+38.93	225+35.85	RTE 66 RT.	64.5			65
8	224+53.77	224+71.10	RTE 66 LT.		10.7		11
8	224+71.10	227+03.16	RTE 66 LT.	155.0			155
8	225+35.85	225+56.26	RTE 66 RT.		12.1		12
8	225+43.87	225+55.90	RTE 66 RT.			24	
8	225+93.45	226+13.85	RTE 66 RT.		12.1		12
8	225+93.81	226+05.84	RTE 66 RT.			24	
8	226+13.85	227+14.97	RTE 66 RT.	67.3			67
8-9	227+03.16	227+25.48	RTE 66 LT.		13.5		14
8-9	227+13.16	227+25.13	RTE 66 LT.			24	
8-9	227+14.97	227+32.38	RTE 66 RT.		10.7		11
9	227+22.99	227+32.18	RTE 66 RT.			20	
9	227+50.69	227+68.10	RTE 66 RT.		10.7		11
9	227+50.89	227+60.08	RTE 66 RT.			20	
9	227+62.67	227+80.99	RTE 66 LT.		10.6		11
9	227+63.03	227+74.99	RTE 66 LT.			24	
9	227+68.10	227+86.05	RTE 66 RT.	12.0			12
9	227+80.99	228+64.66	RTE 66 LT.	55.9			56
9	227+86.05	227+96.07	RTE 66 RT.		6.7		7
9	228+64.66	228+75.16	RTE 66 LT.		7.0		7
9	228+67.19	228+74.21	RTE 66 RT.		4.7		5
9	228+74.21	229+19.91	RTE 66 RT.	30.4			30
9	229+19.91	229+29.92	RTE 66 RT.		6.7		7
9	229+47.02	229+55.00	RTE 66 LT.		5.3		5
9	229+55.00	229+83.92	RTE 66 LT.	19.3			19
9	229+82.03	229+96.28	RTE 66 RT.		10.3		10
9	229+83.92	229+91.92	RTE 66 LT.		5.3		5
9	230+27.35	230+55.07	RTE 66 RT.		18.2		18
9	230+45.68	230+54.86	RTE 66 RT.			20	
9	230+46.81	230+54.79	RTE 66 LT.		5.8		6
9	230+54.79	231+41.76	RTE 66 LT.	58.1			58
9	230+90.42	231+07.82	RTE 66 RT.		10.7		11
9	230+90.62	230+99.81	RTE 66 RT.			20	
9	231+07.82	231+52.73	RTE 66 RT.	29.9			30
9	231+41.76	231+59.11	RTE 66 LT.		10.7		11
9	231+52.73	231+75.09	RTE 66 RT.		13.5		14
9	231+62.73	231+74.73	RTE 66 RT.			24	
9	231+95.87	232+13.24	RTE 66 LT.		10.7		11
9	232+12.87	232+33.23	RTE 66 RT.		12.1		12
9	232+13.23	232+25.23	RTE 66 RT.			24	
9-10	232+13.24	233+45.19	RTE 66 LT.	88.0			88
9-10	232+33.23	233+46.85	RTE 66 RT.	75.8			76
10	233+45.19	233+66.55	RTE 66 LT.		12.8		13
10	233+46.85	233+67.21	RTE 66 RT.		12.1		12
10	233+54.19	233+66.19	RTE 66 LT.			24	
10	234+02.92	234+21.27	RTE 66 LT.		10.6		11
10	234+03.24	234+23.60	RTE 66 RT.		12.1		12
10	234+03.27	234+15.27	RTE 66 LT.			24	
10	234+21.27	234+32.88	RTE 66 LT.	7.7			8
10	234+23.60	236+20.82	RTE 66 RT.	128.6			129
10	234+32.88	234+42.88	RTE 66 LT.		6.7		7
10	234+73.88	234+80.38	RTE 66 LT.		4.3		4
10	234+80.38	234+85.57	RTE 66 LT.	3.5			4
10	234+85.57	234+94.07	RTE 66 LT.		5.7		6
10	235+25.07	235+33.07	RTE 66 LT.		5.8		6
10	235+33.07	236+04.13	RTE 66 LT.	47.4			47
10	236+04.13	236+14.13	RTE 66 LT.		6.7		7
10	236+20.82	236+30.82	RTE 66 RT.		6.6		7
10	236+51.82	236+72.94	RTE 66 RT.		14.3		14
10	236+69.63	236+76.63	RTE 66 LT.		4.7		5
10	236+76.63	237+84.73	RTE 66 LT.	72.1			72
10	237+23.94	237+30.94	RTE 66 RT.		5.1		5
10	237+30.94	237+55.69	RTE 66 RT.	16.5			17
10	237+55.69	237+65.69	RTE 66 RT.		6.7		7
10	237+63.69	237+65.69	RTE 66 RT.			12	
10-11	237+84.73	238+07.09	RTE 66 LT.		13.5		14
10-11	237+94.73	238+06.73	RTE 66 LT.			24	
			SUBTOTAL-2	968.4	319.8	320	1293

SUMMARY OF QUANTITIES
SHEET 6 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SIDEWALK, CURB RAMP, TRUNCATED DOMES, TYPE 1 AGGREGATE (J7S2185F)

SHEET NO.	STA.	STA.	LOCATION	SIDEWALK 4" THICK (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SF)	4" TYPE 1 AGGREGATE (SY)
11	238+04.69	238+06.69	RTE 66 RT.			12	
11	238+04.69	238+11.69	RTE 66 RT.		4.7		5
11	238+11.69	238+29.65	RTE 66 RT.	12.0			12
11	238+29.65	238+39.65	RTE 66 RT.		7.2		7
11	238+42.37	238+61.73	RTE 66 LT.		11.3		11
11	238+42.73	238+54.73	RTE 66 LT.			24	
11	238+61.73	240+10.45	RTE 66 LT.	99.2			99
11	238+93.65	239+00.65	RTE 66 RT.		5.1		5
11	239+00.65	240+89.74	RTE 66 RT.	126.1			126
11	240+10.45	240+20.45	RTE 66 LT.		5.1		5
11	240+67.45	240+74.45	RTE 66 LT.		5.1		5
11	240+74.45	241+30.28	RTE 66 LT.	37.2			37
11	240+89.74	240+99.74	RTE 66 RT.		7.2		7
11	241+30.28	241+47.69	RTE 66 LT.		12.2		12
11	241+72.74	241+79.74	RTE 66 RT.		5.1		5
11	241+79.69	241+92.69	RTE 66 LT.		9.4		9
11	241+79.74	242+47.30	RTE 66 RT.	45.0			45
11	242+35.69	242+42.69	RTE 66 LT.		5.1		5
11-12	242+42.69	243+70.81	RTE 66 LT.	85.4			85
11	242+47.30	242+68.66	RTE 66 RT.		12.8		13
11-12	242+56.30	242+68.30	RTE 66 RT.			24	
11	243+08.44	243+27.80	RTE 66 RT.		11.3		11
11	243+08.80	243+20.80	RTE 66 RT.			24	
11-12	243+27.80	243+59.50	RTE 66 RT.	21.1			21
12	243+59.50	243+69.50	RTE 66 RT.		7.2		7
12	243+70.81	243+96.63	RTE 66 LT.		14.8		15
12	244+20.50	244+27.50	RTE 66 RT.		5.1		5
12	244+27.50	245+35.58	RTE 66 RT.	84.2			84
12	244+64.00	244+87.81	RTE 66 LT.		13.4		13
12	244+87.81	245+78.30	RTE 66 LT.	59.5			60
12	245+35.58	245+45.58	RTE 66 RT.		7.2		7
12	245+78.30	245+95.67	RTE 66 LT.		10.7		11
12	246+04.58	246+11.58	RTE 66 RT.		5.1		5
12	246+11.58	246+29.71	RTE 66 RT.	12.1			12
12	246+29.71	246+39.71	RTE 66 RT.		7.8		8
12	246+57.65	246+93.02	RTE 66 RT.		22.3		22
12	246+70.71	246+77.71	RTE 66 RT.		5.1		5
12	246+77.71	247+19.71	RTE 66 RT.	28.0			28
12	247+19.71	247+29.71	RTE 66 RT.		7.2		7
12	247+25.28	247+41.65	RTE 66 LT.		10.0		10
12	247+41.65	247+49.91	RTE 66 LT.	5.5			6
12	247+49.91	247+59.91	RTE 66 LT.		7.2		7
12	247+50.52	247+57.52	RTE 66 RT.		5.1		5
12	247+57.52	248+52.07	RTE 66 RT.	63.0			63
12	247+90.91	247+97.91	RTE 66 LT.		5.1		5
12	247+97.91	248+48.49	RTE 66 LT.	33.7			34
12	248+48.49	248+58.49	RTE 66 LT.		7.2		7
12	248+52.07	248+71.43	RTE 66 LT.		12.1		12
12-13	248+88.99	248+95.99	RTE 66 LT.		5.1		5
13	248+95.99	249+18.37	RTE 66 LT.	14.8			15
13	248+98.20	249+17.01	RTE 66 RT.		10.0		10
13	249+18.37	249+27.85	RTE 66 LT.		7.3		7
13	249+53.35	249+61.35	RTE 66 LT.		5.7		6
13	249+61.05	249+91.98	RTE 66 LT.	20.7			21
13	249+74.16	249+90.51	RTE 66 RT.		10.0		10
13	249+90.51	250+55.23	RTE 66 RT.	43.1			43
13	249+92.29	250+00.28	RTE 66 LT.		5.9		6
13	249+93.78	249+99.78	RTE 66 LT.	2.7			3
13	250+25.28	250+52.91	RTE 66 LT.		16.6		17
13	250+55.23	250+65.23	RTE 66 RT.		7.2		7
13	251+04.73	251+12.73	RTE 66 RT.		5.8		6
13	251+06.32	251+31.11	RTE 66 LT.		14.1		14
13	251+12.73	251+20.57	RTE 66 RT.	5.2			5
13	251+20.57	251+30.57	RTE 66 RT.		7.2		7
13	251+31.13	252+19.89	RTE 66 LT.	60.7			61
13	251+52.57	251+59.57	RTE 66 RT.		5.1		5
13	251+59.57	251+65.79	RTE 66 RT.	4.2			4
13	251+65.79	251+85.15	RTE 66 RT.		12.1		12
13	252+16.80	252+31.29	RTE 66 RT.		9.5		10
			SUBTOTAL-3	863.4	375.8	84	1237
			SUBTOTAL-2	968.4	319.8	320.0	1293.0
			SUBTOTAL-1	1838.0	418.8	316.0	2260.0
			TOTALS	3669.8	1114.4	720.0	4790.0

ENTRANCES (J7S2185F)

SHEET NO.	STA.	LOCATION	TYPE	WIDTH	RADIUS	8" PAVED APPROACH (SY)	4" TYPE 5 AGGREGATE (SY)	LINEAR GRADING (STA)
4	203+38.00	ROUTE 66 LT.	III	24	10	70.1	70	0.3
4	204+42.00	ROUTE 66 LT.	III	24	10	62.1	62	0.2
4	204+43.88	ROUTE 66 RT.	III	35.5	10	167.5	168	0.4
4	205+48.78	ROUTE 66 LT.	III	54	10	140.9	141	0.3
4	205+59.30	ROUTE 66 RT.	III	40	10	164.9	165	0.1
5	207+63.83	ROUTE 66 LT.	III	33	10	102.9	103	0.3
6	212+76.42	ROUTE 66 RT.	III	44	20	160.3	160	0.3
6	214+33.11	ROUTE 66 RT.	III	12	10	31.6	32	0.2
6	215+74.53	ROUTE 66 LT.	III	33	10	75.2	75	0.2
7	216+97.20	ROUTE 66 LT.	III	26	10	66.7	67	0.2
7	220+37.57	ROUTE 66 LT.	III	66	0	115.6	116	0.2
7	221+58.00	ROUTE 66 LT.	III	56	0	98.4	98	0.2
8	224+08.35	ROUTE 66 RT.	II	18	15	27.7	28	0.1
8	224+30.69	ROUTE 66 LT.	III	45	10	96.4	96	0.2
9	227+41.54	ROUTE 66 RT.	II	16	10	75.9	76	0.4
9	228+31.63	ROUTE 66 RT.	III	71	0	228.8	229	0.3
9	229+11.08	ROUTE 66 LT.	III	72	0	72	72	0.2
9	229+55.97	ROUTE 66 RT.	III	52	0	167.6	168	0.3
9	230+11.81	ROUTE 66 RT.	III	32	0	102.1	102	0.3
9	230+19.36	ROUTE 66 LT.	III	55	0	55	55	0.2
9	231+77.49	ROUTE 66 LT.	III	35.5	10	82.4	82	0.2
9	231+93.98	ROUTE 66 RT.	III	32.5	15	107.4	107	0.3
10	233+85.23	ROUTE 66 RT.	III	34	15	121.1	121	0.3
10	234+58.38	ROUTE 66 LT.	III	31	0	79.2	79	0.3
10	235+09.57	ROUTE 66 LT.	III	31	0	79.2	79	0.3
10	236+41.57	ROUTE 66 RT.	III	22	0	43.1	43	0.2
10	236+41.88	ROUTE 66 LT.	III	56.5	0	141.8	142	0.3
10	236+98.44	ROUTE 66 RT.	III	52	0	102.9	103	0.2
10	237+85.19	ROUTE 66 RT.	II	39.5	0	78	78	0.2
11	238+66.65	ROUTE 66 RT.	III	55	0	108.9	109	0.2
11	240+43.95	ROUTE 66 LT.	III	48	0	126.9	127	0.3
11	241+36.24	ROUTE 66 RT.	III	74	0	155.2	155	0.2
11	241+63.69	ROUTE 66 LT.	III	39	0	105.3	105	0.3
11	242+14.19	ROUTE 66 LT.	III	50	0	116	116	0.3
11	242+88.55	ROUTE 66 RT.	II	34.5	15	89.7	90	0.2
12	243+95.00	ROUTE 66 LT.	III	52	0	108.8	109	0.2
12	244+30.31	ROUTE 66 LT.	III	51	25	209.5	210	0.3
12	245+75.08	ROUTE 66 RT.	III	60	0	95.6	96	0.2
12	246+26.30	ROUTE 66 LT.	III	102	10	302.2	302	0.4
12	246+55.22	ROUTE 66 RT.	III	31	0	79.2	79	0.3
12	247+09.15	ROUTE 66 LT.	III	31	10	86.8	87	0.3
12	247+40.27	ROUTE 66 RT.	III	22	0	49.9	50	0.3
12	247+75.41	ROUTE 66 LT.	III	32	0	48.7	49	0.2
12	248+73.74	ROUTE 66 LT.	III	44.3	0	69.2	69	0.2
12	248+85.07	ROUTE 66 RT.	III	25.5	10	79.4	79	0.3
13	249+40.85	ROUTE 66 LT.	III	41	0	71.6	72	0.3
13	249+45.32	ROUTE 66 RT.	III	57.7	10	143.2	143	0.3
13	250+12.53	ROUTE 66 LT.	III	43.5	0	70.2	70	0.3
13	250+78.72	ROUTE 66 LT.	III	37	25	179.1	179	0.4
13	250+84.98	ROUTE 66 RT.	III	46.7	0	98.1	98	0.3
13	251+41.57	ROUTE 66 RT.	III	23	0	57.7	58	0.3
13	252+01.29	ROUTE 66 RT.	III	41	VARIES	100.1	100	0.3
10	4+15.00	ADELE AVE RT.	III	30	5	34.5	35	0.1
10	4+46.99	ADELE AVE LT.	III	10	2	11.3	11	0.1
					TOTALS	5513.9	5515	13.8

SIDE ROADS (J7S2185F)

SHEET NO.	STA.	STA.	LOCATION	LINEAR GRADING (STA)
29	2+04.34	2+25.41	WINFIELD AVE	0.3
29	0+22.09	0+42.92	JEFFERSON AVE	0.3
30	2+06.24	2+29.38	MONROE AVE N	0.3
30	0+22.04	0+44.66	MCKINLEY AVE S	0.3
31	0+43.71	0+67.26	MCKINLEY AVE N	0.3
31	0+22.02	0+48.52	ROOSEVELT AVE	0.3
32	4+27.33	4+58.83	OLIVER AVE	0.4
32	0+22.00	0+37.93	WILLARD AVE	0.2
33	4+46.99	4+70.99	ADELE AVE	0.3
33	1+04.13	1+27.16	TYLER AVE N	0.3
			TOTAL	3.0

SUMMARY OF QUANTITIES
SHEET 7 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

CONCRETE CURB & GUTTER (J7S2185B)

SHEET NO.	STA.	STA.	LOCATION	TYPE B CURB AND GUTTER (LF)	INTEGRAL CURB (> 6 IN. HEIGHT) (TYPE A) (LF)	TYPE S CURB (> 6" HEIGHT) (LF)	6" TYPE 5 AGGREGATE (SY)
4	201+80.55	203+16.00	RTE 66 LT	135			68
4	202+02.99	204+16.13	RTE 66 RT	214			107
4	203+60.00	204+20.00	RTE 66 LT	60			30
4	204+64.00	205+11.78	RTE 66 LT	48			24
4	204+71.63	205+29.30	RTE 66 RT	58			29
5	205+85.78	207+37.36	RTE 66 LT	152			76
5	205+89.30	209+00.01	RTE 66 RT	311			156
5	207+90.20	209+63.72	RTE 66 LT	227			114
5	209+00.01	209+68.90	RTE 66 RT		69		
5	209+74.87	212+34.42	RTE 66 RT		261		
5	210+24.45	214+06.87	RTE 66 LT	434			217
6	213+18.42	214+17.11	RTE 66 RT		99		
6	214+49.11	215+48.78	RTE 66 RT		100		
6	214+68.14	215+48.03	RTE 66 LT	80			40
6	216+01.03	216+74.71	RTE 66 RT	73			37
6	216+11.04	222+07.42	RTE 66 RT		596		
7	217+20.72	218+31.50	RTE 66 LT	111			56
7	218+91.81	220+05.12	RTE 66 LT	114			57
7	220+70.01	221+30.54	RTE 66 LT	61			31
8	221+85.45	222+47.39	RTE 66 LT	82			41
8	222+25.82	222+28.94	RTE 66 RT		10		
8	222+58.19	222+61.31	RTE 66 RT		8		
8	222+73.70	223+85.80	RTE 66 RT		112		
8	222+71.27	223+98.27	RTE 66 LT	138			69
8	224+49.99	225+43.87	RTE 66 RT	94			47
8	224+30.92	224+49.99	RTE 66 RT		19		
8	224+63.11	227+13.16	RTE 66 LT	250			125
8	226+05.84	227+22.99	RTE 66 RT	117			59
8	226+13.85	227+15.49	RTE 66 RT			101	
9	227+60.08	227+96.07	RTE 66 RT	36			18
9	227+74.99	228+75.14	RTE 66 LT	100			50
9	228+67.19	229+29.92	RTE 66 RT	63			32
9	229+47.02	229+91.90	RTE 66 LT	45			23
9	229+82.01	229+96.29	RTE 66 RT	14			7
			SUBTOTAL-1	3017	1274	101	1513

CONCRETE CURB & GUTTER (J7S2185B)

SHEET NO.	STA.	STA.	LOCATION	TYPE B CURB AND GUTTER (LF)	INTEGRAL CURB (> 6 IN. HEIGHT) (TYPE A) (LF)	TYPE S CURB (> 6" HEIGHT) (LF)	6" TYPE 5 AGGREGATE (SY)
9	230+27.34	230+58.69	RTE 66 RT	37			19
9	230+46.81	231+49.75	RTE 66 LT	103			52
9	230+86.76	231+62.73	RTE 66 RT	82			41
9	231+39.16	231+41.76	RTE 66 LT			8	
9	232+05.24	233+72.22	RTE 66 LT	190			95
9	232+25.23	233+54.85	RTE 66 RT	130			65
10	234+15.27	234.42.88	RTE 66 LT	28			14
10	234+15.60	236+30.82	RTE 66 RT	215			108
10	234+73.88	234+94.07	RTE 66 LT	20			10
10	235+25.07	236+14.13	RTE 66 LT	89			45
10	235+97.69	236+20.81	RTE 66 RT			23	
10	236+51.82	236+72.94	RTE 66 RT	21			11
10	236+69.63	238+12.72	RTE 66 LT	154			77
10	237+23.94	237+65.69	RTE 66 RT	42			21
11	238+04.69	238+39.65	RTE 66 LT	35			18
11	238+36.72	240+20.45	RTE 66 LT	194			97
11	238+93.65	240+99.74	RTE 66 RT	206			103
11	240+67.45	241+47.69	RTE 66 LT	80			40
11	241+36.81	241+47.19	RTE 66 LT			20	
11	241+72.74	242+56.30	RTE 66 RT	84			42
11	241+79.69	241+92.69	RTE 66 RT	13			7
11	242+35.69	243+79.81	RTE 66 LT	144			72
11	243+20.80	243+69.50	RTE 66 RT	49			25
12	244+20.50	245+45.58	RTE 66 RT	125			63
12	244+80.81	245+86.30	RTE 66 LT	105			53
12	244+87.81	245+60.00	RTE 66 LT			72.00	
12	246+04.58	246+39.71	RTE 66 RT	35			18
12	246+66.30	246+83.65	RTE 66 LT	17			9
12	246+70.71	247+29.71	RTE 66 RT	59			30
12	247+34.65	247+59.91	RTE 66 RT	25			13
12	247+50.52	248+62.07	RTE 66 RT	112			56
12	247+67.00	248+52.07	RTE 66 RT			85	
13	247+90.91	248+58.48	RTE 66 LT	68			34
13	248+88.99	249+28.35	RTE 66 LT	39			20
13	249+53.35	250+00.28	RTE 66 LT	47			24
13	249+83.32	250+65.23	RTE 66 RT	82			41
13	250+24.78	250+36.46	RTE 66 LT	12			6
13	251+04.73	251+30.57	RTE 66 RT	26			13
13	251+23.46	252+19.89	RTE 66 LT	96			48
13	251+52.57	251+75.79	RTE 66 RT	23			12
13	252+23.29	252+31.29	RTE 66 RT	8			4
10	3+61.40	3+95.01	ADELE RT	34			17
			SUBTOTAL-2	2829	0	208	1423
			SUBTOTAL-1	3017.0	1274.0	101.0	1513.0
			TOTAL	5846	1274	309	2936

SUMMARY OF QUANTITIES
SHEET 8 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE | DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

PAVEMENT MARKING (J7S2185B)

STA.	STA.	LOCATION	PREFORMED THERMOPLASTIC									CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)			
			24" MIDBLOCKS SOLID WHITE (L.F.)	24" STOP LINE SOLID WHITE (L.F.)	24" DIAGONAL SOLID WHITE (L.F.)	24" DIAGONAL SOLID YELLOW (L.F.)	24" YIELD TRIANGLE WHITE QTY	6" DOTTED EXTENSION LINE WHITE (L.F.)	6'' SOLID EDGE WHITE (L.F)	SOLID WHITE LEFT TURN ARROW (E.A.)	SOLID WHITE RIGHT TURN ARROW (E.A.)	4" SOLID YELLOW (L.F.)	4" INTERMITTENT YELLOW (L.F.)	4" SOLID WHITE (L.F.)	4" INTERMITTENT WHITE (L.F.)
Schifferdecker		ROUTE 66	468.00				18.00								
201+83.98	206+93.38	ROUTE 66	6.00	37.00						4.00		1016.00	119.00	438.00	197.00
206+93.38	212+33.38	ROUTE 66	246.00	77.00	45.00	70.00	10.00	21.00	300.00	4.00	3.00	1418.00		856.00	190.00
212+33.38	217+73.38	ROUTE 66				25.00						1412.00			270.00
217+73.38	223+13.38	ROUTE 66	72.00									1064.00			271.00
223+13.38	228+53.38	ROUTE 66										1080.00			271.00
228+53.38	233+93.38	ROUTE 66										1080.00			271.00
233+93.38	239+33.38	ROUTE 66										1080.00			271.00
239+33.38	244+73.38	ROUTE 66										1080.00			271.00
244+73.38	250+13.38	ROUTE 66				9.00						1260.00			271.00
250+13.38	252+19.63	ROUTE 66				48.00				1.00		774.00		54.00	45.00
TOTAL:			792	114	45	152	28	21	300	9	3	11264	119	1348	2328

STORM MANHOLE ADJUSTMENTS (J7S2185B)

SHEET NO.	STA.	LOCATION	ADJUSTING MANHOLE (EA)
4	204+07.50	ROUTE 66 RT	1
4	204+55.76	ROUTE 66 RT	1
		TOTAL	2

SUMMARY OF QUANTITIES
SHEET 9 OF 14

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL (J7S2185F)

SHEET NO.	STA.	LOCATION	STA.	LOCATION	PHASE	CURB INLET CHECK (EACH)	SEDIMENT TRAP EXCAVATION (CY)	SEDIMENT TRAP ROCK (CY)	SILT FENCE (FT)	SODDING TURF TYPE TALL FESCUE (SY)	SEDIMENT REMOVAL (CY)
94	212+38.54	ROUTE 66 RT			INITIAL		5.0	5.0			1
95	219+68.76	ROUTE 66 RT			INITIAL		5.0	5.0			1
96	222+15.53	ROUTE 66 RT			INITIAL		5.0	5.0			1
94	202+03.78	ROUTE 66 LT	203+20.68	ROUTE 66 LT	CONSTUCTION				127		2
94	202+51.31	ROUTE 66 RT	204+03.74	ROUTE 66 RT	CONSTUCTION				165		2
94	202+63.45	ROUTE 66 RT			CONSTUCTION	1					1
94	202+80.2	ROUTE 66 LT			CONSTUCTION	1					1
94	203+51.03	ROUTE 66 LT	204+09.84	ROUTE 66 LT	CONSTUCTION				91		
94	203+81.36	ROUTE 66 RT & LT			CONSTUCTION	2					2
94	204+03.	ROUTE 66 RT			CONSTUCTION	1					1
94	204+07.3	ROUTE 66 LT			CONSTUCTION	1					1
94	205+00.01	ROUTE 66 LT & RT			CONSTUCTION	2					2
95	205+78.64	ROUTE 66 LT	207+43.19	ROUTE 66 LT	CONSTUCTION				180		2
95 & 96	205+84.32	ROUTE 66 RT	212+38.6	ROUTE 66 RT	CONSTUCTION				685		7
95	206+24.92	ROUTE 66 RT			CONSTUCTION	1					1
95	207+81.35	ROUTE 66 LT	209+55.82	ROUTE 66 LT	CONSTUCTION				237		3
95	208+25.14	ROUTE 66			CONSTUCTION	2					2
95 & 96	210+28.18	ROUTE 66 LT	214+17.15	ROUTE 66 LT	CONSTUCTION				444		5
96	211+35.02	ROUTE 66 RT			CONSTUCTION	2					2
96	213+12.36	ROUTE 66 RT	214+25.59	ROUTE 66 RT	CONSTUCTION				129		2
96	214+43.23	ROUTE 66 RT	215+62.51	ROUTE 66 RT	CONSTUCTION				134		2
96	214+56.11	ROUTE 66 LT	215+56.96	ROUTE 66 LT	CONSTUCTION				107		2
96 & 97	215+92.12	ROUTE 66 LT	216+84.29	ROUTE 66 LT	CONSTUCTION				99		1
97	217+12.68	ROUTE 66 LT	2184+63.68	ROUTE 66 LT	CONSTUCTION				145		2
97	218+99.9	ROUTE 66 RT			CONSTUCTION	1					1
97	219+02.02	ROUTE 66 LT			CONSTUCTION	1					1
97	219+26.06	ROUTE 66 LT			CONSTUCTION	1					1
97	219+43.61	ROUTE 66 RT			CONSTUCTION	1					1
97	219+43.66	ROUTE 66 LT			CONSTUCTION	1					1
97	219+73.31	ROUTE 66 RT & LT			CONSTUCTION	2					2
97	219+93.98	ROUTE 66 LT			CONSTUCTION	1					1
97	220+74.9	ROUTE 66 RT			CONSTUCTION	1					1
97	220+84.74	ROUTE 66 LT			CONSTUCTION	1					1
98	222+62.76	ROUTE 66 RT	223+99.55	ROUTE 66 RT	CONSTUCTION				135		2
98	224+19.01	ROUTE 66 RT	225+55.69	ROUTE 66 RT	CONSTUCTION				149		2
99	227+71.81	ROUTE 66 RT			CONSTUCTION	1					1
99	227+86.94	ROUTE 66 LT			CONSTUCTION	1					1
99	229+18.1	ROUTE 66 RT			CONSTUCTION	1					1
99	230+29.99	ROUTE 66 RT			CONSTUCTION	1					1
99	231+09.46	ROUTE 66 RT & LT			CONSTUCTION	2					2
100	233+42.96	ROUTE 66 RT & LT			CONSTUCTION	2					2
100	3+75.05	ADELE AVE. RT			CONSTUCTION	1					1
100	4+47.84	ADELE AVE. RT			CONSTUCTION	1					1
100	234+03.69	ROUTE 66 RT	235+98.1	ROUTE 66 RT	CONSTUCTION				206		3
100	235+79.86	ROUTE 66 RT & LT			CONSTUCTION	2					2
100	237+79.95	ROUTE 66 LT			CONSTUCTION	1					1
101	238+66.	ROUTE 66 LT			CONSTUCTION	1					1
101	239+04.98	ROUTE 66 RT			CONSTUCTION	1					1
101	239+33.05	ROUTE 66 LT			CONSTUCTION	1					1
101	239+82.	ROUTE 66 RT & LT			CONSTUCTION	2					2
101	240+84.9	ROUTE 66 RT & LT			CONSTUCTION	2					2
101	241+85.93	ROUTE 66 LT			CONSTUCTION	1					1
101	242+45.02	ROUTE 66 RT			CONSTUCTION	1					1
101	242+57.32	ROUTE 66 LT			CONSTUCTION	1					1
102	245+00.25	ROUTE 66 RT & LT			CONSTUCTION	2					2
102	246+21.94	ROUTE 66 RT			CONSTUCTION	1					1
102	246+75.31	ROUTE 66 LT			CONSTUCTION	1					1
102	247+14.93	ROUTE 66 RT & LT			CONSTUCTION	2					2
102	247+21.1	ROUTE 66 LT			CONSTUCTION	1					1
102	247+47.26	ROUTE 66 LT			CONSTUCTION	1					1
102	248+03.	ROUTE 66 LT			CONSTUCTION	1					1
102	248+45.3	ROUTE 66 LT			CONSTUCTION	1					1
102	248+49.96	ROUTE 66 RT			CONSTUCTION	1					1
103	249+02.09	ROUTE 66 LT			CONSTUCTION	1					1
103	249+65.39	ROUTE 66 LT			CONSTUCTION	1					1
103	249+94.81	ROUTE 66 RT			CONSTUCTION	1					1
103	250+31.36	ROUTE 66 LT			CONSTUCTION	1					1
103	250+53.85	ROUTE 66 RT			CONSTUCTION	1					1
				SUBTOTAL-1		62	15	15	3033		102

SUMMARY OF QUANTITIES
SHEET 10 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185B\plan_sheets\3 Quantities\003_QU_01-13_J7S2185B_l1.dgn 2:30:11 PM 8/8/2025

TEMPORARY EROSION CONTROL (J7S2185F)

SHEET NO.	STA.	LOCATION	STA.	LOCATION	PHASE	CURB INLET CHECK (EACH)	SEDIMENT TRAP EXCAVATION (CY)	SEDIMENT TRAP ROCK (CY)	SILT FENCE (FT)	SODDING TURF TYPE TALL FESCUE (SY)	SEDIMENT REMOVAL (CY)
103	251+70.98	ROUTE 66 RT			CONSTUCTION	1					1
103	251+80.45	ROUTE 66 LT			CONSTUCTION	1					1
103	252+18.22	ROUTE 66 LT			CONSTUCTION	1					1
103	252+30.86	ROUTE 66 RT			CONSTUCTION	1					1
103	252+66.01	ROUTE 66 RT			CONSTUCTION	1					1
103	10+92.12	MAIDEN LN RT			CONSTUCTION	1					1
104	201+89.23	ROUTE 66 LT	203+26.	ROUTE 66 LT	FINAL					26	
104	202+07.99	ROUTE 66 RT	204+26.09	ROUTE 66 RT	FINAL					69	
104	203+50.	ROUTE 66 LT	204+30.	ROUTE 66 LT	FINAL					19	
104	204+54.	ROUTE 66 LT	205+21.78	ROUTE 66 LT	FINAL					18	
104	204+61.63	ROUTE 66 RT	205+39.51	ROUTE 66 RT	FINAL					40	
105	205+75.78	ROUTE 66 LT	207+47.33	ROUTE 66 LT	FINAL					33	
105 & 106	205+79.3	ROUTE 66 RT	212+54.42	ROUTE 66 RT	FINAL					161	
105	207+80.33	ROUTE 66 LT	209+63.51	ROUTE 66 LT	FINAL					180	
105 - 106	210+26.89	ROUTE 66 LT	214+22.34	ROUTE 66 LT	FINAL					101	
106	212+98.42	ROUTE 66 RT	214+27.11	ROUTE 66 RT	FINAL					30	
106	214+39.11	ROUTE 66 RT	215+63.72	ROUTE 66 RT	FINAL					24	
106	214+53.2	ROUTE 66 LT	215+58.03	ROUTE 66 LT	FINAL					22	
106 & 107	215+91.28	ROUTE 66 LT	216+85.06	ROUTE 66 LT	FINAL					21	
106 - 108	215+95.37	ROUTE 66 RT	222+28.94	ROUTE 66 RT	FINAL					119	
107	217+10.72	ROUTE 66 LT	218+47.09	ROUTE 66 LT	FINAL					28	
107	218+76.91	ROUTE 66 LT	218+99.79	ROUTE 66 LT	FINAL					11	
108	222+57.65	ROUTE 66 RT	223+99.7	ROUTE 66 RT	FINAL					21	
108	222+74.25	ROUTE 66 LT	224+08.25	ROUTE 66 LT	FINAL					48	
108	223+17.14	ROUTE 66 RT	225+58.9	ROUTE 66 RT	FINAL					28	
108 & 109	224+53.13	ROUTE 66 LT	227+28.67	ROUTE 66 LT	FINAL					56	
108	225+90.45	ROUTE 66 RT	226+12.6	ROUTE 66 RT	FINAL					4	
109	227+60.05	ROUTE 66 LT	228+60.49	ROUTE 66 LT	FINAL					26	
109	229+82.82	ROUTE 66 RT	229+95.78	ROUTE 66 RT	FINAL					7	
109	230+27.87	ROUTE 66 RT	230+55.68	ROUTE 66 RT	FINAL					18	
109	230+46.78	ROUTE 66 LT	231+40.89	ROUTE 66 LT	FINAL					25	
109	230+89.8	ROUTE 66 RT	231+77.73	ROUTE 66 RT	FINAL					53	
109 & 110	232+10.23	ROUTE 66 RT	233+69.85	ROUTE 66 RT	FINAL					43	
110	234+00.6	ROUTE 66 RT	235+96.09	ROUTE 66 RT	FINAL					42	
110	235+95.35	ROUTE 66 LT	236+04.13	ROUTE 66 LT	FINAL					14	
111	2402+73.16	ROUTE 66 RT	240+99.24	ROUTE 66 RT	FINAL					17	
111	240+79.06	ROUTE 66 LT	241+36.63	ROUTE 66 LT	FINAL					19	
111	241+73.24	ROUTE 66 RT	242+71.3	ROUTE 66 RT	FINAL					20	
111 $ 112	242+50.07	ROUTE 66 LT	244+04.81	ROUTE 66 LT	FINAL					66	
112	244+55.81	ROUTE 66 LT	254+95.23	ROUTE 66 LT	FINAL					37	
112	245+00.64	ROUTE 66 RT	245+16.	ROUTE 66 RT	FINAL					1	
112	245+15.88	ROUTE 66 RT	245+45.08	ROUTE 66 RT	FINAL					9	
112	246+11.79	ROUTE 66 RT	246+39.21	ROUTE 66 RT	FINAL					15	
112	246+57.65	ROUTE 66 LT	246+93.65	ROUTE 66 LT	FINAL					13	
112	246+71.21	ROUTE 66 RT	247+29.21	ROUTE 66 RT	FINAL					22	
112	247+24.65	ROUTE 66 LT	247+58.96	ROUTE 66 LT	FINAL					19	
112	247+51.02	ROUTE 66 RT	248+72.07	ROUTE 66 RT	FINAL					31	
112	247+91.41	ROUTE 66 LT	248+57.99	ROUTE 66 LT	FINAL					30	
113	248+89.49	ROUTE 66 LT	249+27.85	ROUTE 66 LT	FINAL					16	
113	248+97.57	ROUTE 66 RT	249+17.58	ROUTE 66 RT	FINAL					8	
113	249+53.85	ROUTE 66 LT	249+99.77	ROUTE 66 LT	FINAL					14	
113	249+73.57	ROUTE 66 RT	250+64.73	ROUTE 66 RT	FINAL					28	
113	249+93.78	ROUTE 66 LT	249+99.78	ROUTE 66 LT	FINAL					1	
113	250+97.22	ROUTE 66 LT	252+11.69	ROUTE 66 LT	FINAL					38	
113	251+12.73	ROUTE 66 RT	251+30.3	ROUTE 66 RT	FINAL					17	
113	251+53.07	ROUTE 66 RT	251+54.98	ROUTE 66 RT	FINAL					4	
113	251+53.07	ROUTE 66 RT	251+85.79	ROUTE 66 RT	FINAL					2	
113	252+16.79	ROUTE 66 RT	252+31.29	ROUTE 66 RT	FINAL					10	
113	252+16.69	ROUTE 66 LT	252+19.69	ROUTE 66 LT	FINAL					1	
					SUBTOTAL-2	6				1725	6
					SUBTOTAL-1	62	15	15	3033		102
					TOTALS	68	15	15	3033	1725	108

SUMMARY OF QUANTITIES
SHEET 11 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185B\plan_sheets\3 Quantities\003_QU_01-13_J7S2185B_I1.dgn 2:30:13 PM 8/8/2025

PRECAST DROP INLET (J7S2185B)

STRUCTURE NO.	PLAN SHEET NO.	CULVERT SECTION SHEET NO.	LOCATION	STATION	OFFSET	TYPE A SLOTTED DRAIN 12 IN (LF)	MODIFIED TYPE T (5'x4') (LF)	MODIFIED TYPE T (7.5'x3') (LF)	MODIFIED TYPE T (7'.5'x4') (LF)	TYPE T (5'x3') (LF)	TYPE D (2'X2') (LF)	MODIFIED TYPE D (2'x3') (LF)	MODIFIED TYPE D (2'x4') (LF)	MODIFIED TYPE D (4'x4') (LF)	MODIFIED TYPE D (4'x3') (LF)	MODIFIED TYPE D (2'x6') (LF)	MODIFIED TYPE D (4'x6') (LF)	MANHOLE 48' (LF)	COMBO INLET (3'x2.5') (LF)	JUNCTION BOX (6'x3') (LF)	JUNCTION BOX (3'x3') (LF)	CURVED VANE GRATE (2'x2') (EACH)	CURVED VANE GRATE (3'x2') (EACH)	CURVED VANE GRATE (4'x2') (EACH)	MANHOLE FRAME & COVER TYPE 3 (EACH)	MANHOLE FRAME & COVER TYPE 1B (EACH)	PIPE COLLAR TYPE A (EACH)	PIPE OPENINGS (#-SIZE)	CLASS 3 EXC. (CY.)
202PC1	1	136	ROUTE 66 RT	202+60.40	32.00																							1	-	-
202T1	1	136	ROUTE 66 RT	202+63.50	24.50		4.77																		1			1-24" ,1-30"	15
203T1	1	136	ROUTE 66 RT	203+81.28	24.50		5.67																		1			2-30"	19
204T1	1	136	ROUTE 66 RT	204+03.00	24.50				7.66																1			1-18", 1-30", 1-36", 1-54"	32
205D1	1	136	ROUTE 66 RT	205+00.00	24.50						3.08											1						2-18"	6
206D1	2	136	ROUTE 66 RT	206+25.00	24.50						3.57											1						1-18"	7
202T2	1	136	ROUTE 66 LT	202+80.00	35.50					4.51															1			1-18"	10
203T2	1	136	ROUTE 66 LT	203+81.28	35.50					4.74															1			2-18"	10
204T2	1	136	ROUTE 66 LT	204+07.50	35.50			8.56																	1			2-18", 2-54"	27
204PC1	1	136	ROUTE 66 LT	204+07.50	47.00																						1	-	-
205D2	1	137	ROUTE 66 LT	205+00.00	35.50						3.08											1						2-18"	6
208D2	2	137	ROUTE 66 LT	208+25.00	35.50						2.69											1						3-18"	6
208D1	2	137	ROUTE 66 RT	208+25.00	24.50						2.38											1						1-18"	5
211MH1	3	137	ROUTE 66 LT	211+35.00	39.50														4.28							1		3-18"	15
211D1	3	138	ROUTE 66 LT	211+35.00	46.50						2.82											1						1-18"	5
211T1	3	138	ROUTE 66 RT	211+35.00	22.00					4.31															1			1-18"	11
219T1	4	138	ROUTE 66 RT	219+00.00	22.00					2.83															1			1-18"	5
219T2	4	138	ROUTE 66 RT	219+43.58	22.00					3.06															1			2-18"	9
219T3	4	138	ROUTE 66 RT	219+73.25	22.00					4.42															1			3-18", 1-24"	13
220T1	4	138	ROUTE 66 RT	220+75.00	22.00					3.36															1			1-18"	10
219PC1	4	138	ROUTE 66 LT	219+73.25	30.50																						1	-	-
219D4	4	138	ROUTE 66 LT	219+73.25	25.00															3.32				1				2-18", 2-24"	8
219D1	4	138	ROUTE 66 LT	219+02.00	24.50						2.12											1						1-18"	5
219D2	4	138	ROUTE 66 LT	219+26.00	24.50						2.28											1						2-18"	5
219D3	4	138	ROUTE 66 LT	219+43.58	25.00															2.46				1				2-18"	7
219D5	4	138	ROUTE 66 LT	219+94.00	24.50						2.52											1						2-18"	5
220D1	4	138	ROUTE 66 RT	220+85.00	24.50						2.33											1						1-18"	5
227D1	6	139	ROUTE 66 RT	227+72.00	24.50						2.75											1						1-18"	6
229D1	6	139	ROUTE 66 RT	229+18.00	24.50						2.77											1						2-18"	6
230D1	6	139	ROUTE 66 RT	230+30.00	24.50						2.35											1						2-18"	5
231D1	6	139	ROUTE 66 RT	231+09.50	24.50						2.21											1						2-18"	5
231D2	6	139	ROUTE 66 LT	231+09.50	24.50						2.61											1						3-18"	6
227D2	6	139	ROUTE 66 LT	227+87.00	24.50						3.80											1						1-18"	8
233D2	7	140	ROUTE 66 LT	233+43.00	24.50						2.35											1						3-18"	5
233JB1	7	140	ROUTE 66 LT	233+70.75	23.50																3.36					1		2-18"	6
233D1	7	140	ROUTE 66 RT	233+43.00	24.50						1.93											1						1-18"	4
233D3	7	140	ADELE AVE RT	4+48.00	14.32						2.58											1						2-18"	6
233D4	7	140	ADELE AVE RT	3+75.00	14.20						2.13											1						2-18"	7
233PC1	7	140	ADELE AVE RT	3+65.00	13.85																						1	-	-
235D2	7	140	ROUTE 66 LT	235+80.00	24.50						4.09											1						2-18'	8
237D1	7	140	ROUTE 66 LT	237+80.00	24.50						3.66											1						2-18"	7
238D1	8	141	ROUTE 66 LT	238+66.00	24.50							3.77										1						1-18", 1-24"	9
239D2	8	141	ROUTE 66 LT	239+30.00	24.50							4.03										1						2-24"	9
239D4	8	141	ROUTE 66 LT	239+82.00	24.50							4.33										1						1-18", 2-24"	10
240D2	8	141	ROUTE 66 LT	240+85.00	24.50								4.83											1				1-12", 1-18", 1-24", 1-36"	16
241D1	8	141	ROUTE 66 LT	241+86.00	24.50							4.75										1						2-36"	13
242D2	8	141	ROUTE 66 LT	242+57.00	24.50								4.83											1				1-12", 1-18", 2-36"	16
245D2	9	141	ROUTE 66 LT	245+00.25	24.50							4.97										1						1-12", 1-18", 2-36"	13
246D2	9	141	ROUTE 66 LT	246+75.00	24.50								4.63											1				2-36"	16
247JB1	9	142	ROUTE 66 LT	247+15.00	22.00																5.73					1		2-18", 1-36", 1-34"x53'	21
247D3	9	142	ROUTE 66 LT	247+47.00	24.50											4.57						1						2-34"x53"	14
248D1	9	142	ROUTE 66 LT	248+03.00	24.50											4.48						1						2-34"x53"	14
248D2	9	142	ROUTE 66 LT	248+45.00	24.50											4.50						1						2-34"x53"	14
249D1	10	142	ROUTE 66 LT	249+02.00	24.50												4.67							1				1-12", 2-34"x53"	19
249D2	10	142	ROUTE 66 LT	249+65.00	27.32											4.80						1						2-34"x53"	15
250D1	10	142	ROUTE 66 LT	250+31.00	30.55												4.94							1				2-34"x53"	20
235D1	7	142	ROUTE 66 RT	235+80.00	24.50						3.08											1						1-18"	6
239PC1	8	142	ROUTE 66 RT	239+77.00	28.50																						1	-	-
239D1	8	142	ROUTE 66 RT	239+05.00	24.50						2.74											1						1-18"	6
239D3	8	142	ROUTE 66 RT	239+82.00	24.50						2.62											1						1-12", 2-18"	6
240SD1	8	143	ROUTE 66 LT	240+33.75	31.25	20																						1-12"	3
240SD2	8	143	ROUTE 66 LT	240+54.25	31.25	20																						2+-12"	3
240D1	8	143	ROUTE 66 RT	240+85.00	24.50						2.88											1						1-18"	6
242SD1	8	143	ROUTE 66 LT	242+03.00	31.25	20																						1-12"	3
242SD2	8	143	ROUTE 66 LT	242+25.00	31.25	20																						2-12"	3
242D1	8	143	ROUTE 66 RT	242+45.00	24.50						3.13											1						1-18"	6
245D1	9	143	ROUTE 66 RT	245+00.25	24.50						2.82											1						1-18"	6
245PC1	9	143	ROUTE 66 LT	245+00.25	30.00																						1	-	-
246D1	9	143	ROUTE 66 RT	246+22.00	24.50						2.57											1						1-18"	5
247D1	9	143	ROUTE 66 RT	247+15.00	24.50						2.51											1						2-18"	5
247D2	9	143	ROUTE 66 LT	247+24.15	37.00								2.82											1				1-18"	10
248SD1	9	143	ROUTE 66 LT	248+74.00	31.25	20																						1-12"	4
248D3	9	144	ROUTE 66 RT	248+50.00	24.50							3.46										1						1-24"	8
249D3	10	144	ROUTE 66 RT	249+95.00	24.50							3.43										1						2-24"	8
250D2	10	144	ROUTE 66 RT	250+54.00	24.50							4.58										1						2-24"	11
251T1	10	144	ROUTE 66 LT	251+80.00	36.00					4.99																1		2-18"	11
252T1	10	144	ROUTE 66 LT	252+16.00	36.00					4.21																1		1-18"	9
252SD1	10	144	ROUTE 66 RT	252+01.00	31.25	20																						1-12"	4
252D1	10	144	ROUTE 66 RT	252+31.00	24.50								2.84											1				1-12", 2-18"	9
251D1	10	144	ROUTE 66 RT	251+71.00	24.50										3.64									1				1-18", 1-24"	11
					TOTALS	120	10.44	8.56	7.66	36.43	82.45	23.6	15.38	14.29	3.64	18.35	9.61	4.28	5.78	5.73	3.36	42	2	8	13	3	5		687
					USE	120	11	9	8	37	83	24	16	15	4	19	10	5	6	6	4	42	2	8	13	3	5		687

SUMMARY OF QUANTITIES
SHEET 12 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

PIPE CULVERTS (J7S2185B)

FROM STRUC-TURE NO.	STA.	LOCATION	TO STRUCTURE NO.	STA.	LOCATION	PLAN SHEET NO.	CULVERT SECTION SHEET NO.	GROUP A PIPE							CLASS IV RCP	CLASS V RCP	CLASS V F.E.S	F.E.S	CLASS 3
								12 IN.	18 IN.	24 IN.	30 IN.	36 IN.	34" X 53 ELLIPTICAL RCP	54 IN.	18 IN.	15 IN.	15 IN.	18 IN.	EXC.
								(FT.)	(FT.)	(FT.)	(FT.)	(FT.)	(FT.)	(FT.)	(FT.)	(FT.)	(EACH)	(EACH)	(CY.)
202PC1	202+60.40	ROUTE 66 RT	202T1	202+63.50	ROUTE 66 RT	1	136			4									4
202T1	202+63.50	ROUTE 66 RT	203T1	203+81.28	ROUTE 66 RT	1	136				113								113
203T1	203+81.28	ROUTE 66 RT	204T1	204+03.00	ROUTE 66 RT	1	136				15								13
205D1	205+00.00	ROUTE 66 RT	204T1	204+03.00	ROUTE 66 RT	1	136		92										51
206D1	206+25.00	ROUTE 66 RT	205D1	205+00.00	ROUTE 66 RT	1&2	136		123										70
202T2	202+80.00	ROUTE 66 LT	203T2	203+81.28	ROUTE 66 LT	1	136		96										50
203T2	203+81.28	ROUTE 66 LT	204T2	204+07.50	ROUTE 66 LT	1	136		20										9
204T2	204+07.50	ROUTE 66 LT	204PC1	204+07.50	ROUTE 66 LT	1	136							8					23
204T1	204+03.00	ROUTE 66 RT	204T2	204+07.50	ROUTE 66 LT	1	136							61					120
204MH1	204+07.50	ROUTE 66 RT	204T1	204+03.00	ROUTE 66 RT	1	136					14							20
205D2	205+00.00	ROUTE 66 LT	204T2	204+07.50	ROUTE 66 LT	1	136 & 137		88										53
208D2	208+25.00	ROUTE 66 LT	205D2	205+00.00	ROUTE 66 LT	1&2	137		323										159
211MH1	211+35.00	ROUTE 66 LT	208D2	208+25.00	ROUTE 66 LT	2&3	137		305										163
208D1	208+25.00	ROUTE 66 RT	208D2	208+25.00	ROUTE 66 LT	2	137		56										25
211D1	211+35.00	ROUTE 66 LT	211MH1	211+35.00	ROUTE 66 LT	3	138		3										0
211T1	211+35.00	ROUTE 66 RT	211MH1	211+35.00	ROUTE 66 LT	3	138		60										31
ENTRANCE 21276 RT						3	138									49	2		14
MCKINLEY AVENUE S						5	138									29	2		9
219T1	219+00.00	ROUTE 66 RT	219T2	219+43.58	ROUTE 66 RT	4	138		39										15
219T2	219+43.58	ROUTE 66 RT	219T3	219+73.25	ROUTE 66 RT	4	138		25										10
220T1	220+75.00	ROUTE 66 RT	219T3	219+73.25	ROUTE 66 RT	4	138		97										47
219D4	219+73.25	ROUTE 66 LT	219PC1	219+73.25	ROUTE 66 LT	4	138			5									6
219T3	219+73.25	ROUTE 66 RT	219D4	219+73.25	ROUTE 66 LT	4	138			45									26
219FES	219+71.50	ROUTE 66 RT	219T3	219+73.25	ROUTE 66 RT	4	138		7									1	6
219D1	219+02.00	ROUTE 66 LT	219D2	219+26.00	ROUTE 66 LT	4	138		22										7
219D2	219+26.00	ROUTE 66 LT	219D3	219+43.58	ROUTE 66 LT	4	138		15										4
219D3	219+43.58	ROUTE 66 LT	219D4	219+73.25	ROUTE 66 LT	4	138		27										10
219D5	219+94.00	ROUTE 66 LT	219D4	219+73.25	ROUTE 66 LT	4	138		18										6
220D1	220+85.00	ROUTE 66 LT	219D5	219+94.00	ROUTE 66 LT	4	138		89										35
227D1	227+72.00	ROUTE 66 RT	229D1	229+18.00	ROUTE 66 RT	6	139		144										68
229D1	229+18.00	ROUTE 66 RT	230D1	230+30.00	ROUTE 66 RT	6	139		110										49
230D1	230+30.00	ROUTE 66 RT	231D1	231+09.50	ROUTE 66 RT	6	139								77				29
231D1	231+09.50	ROUTE 66 RT	231D2	231+09.50	ROUTE 66 LT	6	139		33						12				19
227D2	227+87.00	ROUTE 66 LT	231D2	231+09.50	ROUTE 66 LT	6	$CS04 & 140		321										164
231D2	231+09.50	ROUTE 66 LT	233D2	233+43.00	ROUTE 66 LT	6&7	140		232										104
233D2	233+43.00	ROUTE 66 LT	233JB1	233+70.75	ROUTE 66 LT	7	140		25										8
233D1	233+43.00	ROUTE 66 RT	233D2	233+43.00	ROUTE 66 LT	7	140		45										17
233JB1	233+70.75	ROUTE 66 LT	233D3	4+48.00	ADELE AVE RT	7	140		19										6
233D3	4+48.00	ADELE AVE RT	233D4	3+75.00	ADELE AVE RT	7	140		71										42
233D3	3+75.00	ADELE AVE RT	233PC1	3+65.00	ADELE AVE RT	7	140		9										6
235D2	235+80.00	ROUTE 66 LT	237D1	237+80.00	ROUTE 66 LT	7	140		198										127
237D1	237+80.00	ROUTE 66 LT	238D1	238+66.00	ROUTE 66 LT	7&8	140 & 141		84										50
238D1	238+66.00	ROUTE 66 LT	239D2	239+30.00	ROUTE 66 LT	8	141			62									44
239D2	239+30.00	ROUTE 66 LT	239D4	239+82.00	ROUTE 66 LT	8	141			50									37
239D4	239+82.00	ROUTE 66 LT	240D2	240+85.00	ROUTE 66 LT	8	141			100									87
240D2	240+85.00	ROUTE 66 LT	241D1	241+86.00	ROUTE 66 LT	8	141					98							111
241D1	241+86.00	ROUTE 66 LT	242D2	242+57.00	ROUTE 66 LT	8	141					68							78
242D2	242+57.00	ROUTE 66 LT	245D2	245+00.25	ROUTE 66 LT	8&9	141					240							294
245D2	245+00.25	ROUTE 66 LT	246D2	246+75.00	ROUTE 66 LT	9	141					172							205
246D2	246+75.00	ROUTE 66 LT	247JB1	247+15.00	ROUTE 66 LT	9	141 & 142					37							37
247JB1	247+15.00	ROUTE 66 LT	247D3	247+47.00	ROUTE 66 LT	9	142						30						33
247D3	247+47.00	ROUTE 66 LT	248D1	248+03.00	ROUTE 66 LT	9	142						54						67
248D1	248+03.00	ROUTE 66 LT	248D2	248+45.00	ROUTE 66 LT	9	142						40						47
248D2	248+45.00	ROUTE 66 LT	249D1	249+02.00	ROUTE 66 LT	9&10	142						54						68
249D1	249+02.00	ROUTE 66 LT	249D2	249+65.00	ROUTE 66 LT	10	142						60						79
249D2	249+65.00	ROUTE 66 LT	250D1	250+31.00	ROUTE 66 LT	10	142						63						85
250D1	250+31.00	ROUTE 66 LT	15'X6' EXIST. JB	251+34.00	ROUTE 66 LT	10	142						102						158
235D1	235+80.00	ROUTE 66 RT	235D2	235+80.00	ROUTE 66 LT	7	142		45										26
239PC1	239+77.00	ROUTE 66 RT	239D3	239+82.00	ROUTE 66 RT	8	142	6											2
239D3	239+82.00	ROUTE 66 RT	239D4	239+82.00	ROUTE 66 LT	8	142		44										22
239D1	239+05.00	ROUTE 66 RT	239D3	239+82.00	ROUTE 66 RT	8	142		75										32
240SD2	240+54.25	ROUTE 66 LT	240D2	240+85.00	ROUTE 66 LT	8	143	25											6
240D1	240+85.00	ROUTE 66 RT	240D2	240+85.00	ROUTE 66 LT	8	143		43										24
242SD2	242+25.00	ROUTE 66 LT	242D2	242+57.00	ROUTE 66 LT	8	143	26											6
242D1	242+45.00	ROUTE 66 RT	242D2	242+57.00	ROUTE 66 LT	8	143		45										26
245D1	245+00.25	ROUTE 66 RT	245D2	245+00.25	ROUTE 66 LT	9	143		43										23
245PC1	245+00.25	ROUTE 66 RT	245D2	245+00.25	ROUTE 66 LT	9	143	5											3
246D1	246+22.00	ROUTE 66 RT	247D1	247+15.00	ROUTE 66 RT	9	143		91										39
247D1	247+15.00	ROUTE 66 RT	247JB1	247+15.00	ROUTE 66 RT	9	143		42										20
247D2	247+24.15	ROUTE 66 LT	247JB1	247+15.00	ROUTE 66 RT	9	143		14										5
248SD1	248+74.00	ROUTE 66 LT	249D1	249+02.00	ROUTE 66 LT	9&10	143	22											6
248D3	248+50.00	ROUTE 66 RT	249D3	249+95.00	ROUTE 66 RT	9&10	144			143									100
249D3	249+95.00	ROUTE 66 RT	250D2	250+54.00	ROUTE 66 RT	10	144			57									40
250D2	250+54.00	ROUTE 66 RT	8'X6' EXIST. JB	251+04.75	ROUTE 66 RT	10	144			50									50
251T1	251+80.00	ROUTE 66 LT	12.5'X3' BOX	251+70.65	ROUTE 66 LT	10	144		7										2
252T1	252+16.00	ROUTE 66 LT	251T1	251+80.00	ROUTE 66 LT	10	144		31										13
252SD1	252+01.00	ROUTE 66 RT	252D1	252+31.00	ROUTE 66 RT	10	144	24											5
251D1	251+71.00	ROUTE 66 RT	12.5'X3' BOX	251+35.85	ROUTE 66 RT	10	144			33									25
252D1	252+31.00	ROUTE 66 RT	251D1	251+71.00	ROUTE 66 RT	10	144		56										31
							TOTALS	108	3332	549	128	629	403	69	89	78	4	1	3724

SUMMARY OF QUANTITIES
SHEET 13 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50	4	50				DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00	2	32				BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-24	48X48	16.00	2	32				STEEL PLATE AHEAD
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	10	160				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00	2	32				2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00						FLAGGER (SYMBOL, WITH FLAGS)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20				ROAD WORK NEXT 4 MILES
GO20-2	48X24	8.00	2	16				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	2	12				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	4	48				SPEED LIMIT 25 , 35
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00	4	64				NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	8	16				SIDEWALK CLOSED
R9-11L	24X18	3.00	4	12				SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00	4	12				SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00	8	80				ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50	8	100				ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00	1	12				POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	2	16				RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	802

616-10.10 RELOCATED SIGNS	TOTAL
	0

EFFECTIVE: 07-01-2025

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSION (NARROW)
6122041		WORK ZONE CRASH CUSION (RELOCATION)
6123001	1	TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	210	CHANNELIZER (TRIM LINE)
6161026		CHANNELIZER (VERTICAL PANEL
6161030	20	TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099	4	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D	324	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A	2	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION CONTRACTOR FURNISHED/RETAINED
6175010A	3060	RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6172013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400	1	TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6505303B	10600	TEMPORARY REMOVABLE MARKING TAPE, 4 IN. YELLOW

NOTE:
TEMPORARY TRAFFIC CONTROL ITEMS TO BE PAID FOR UNDER PROJECT J7S2185B

SUMMARY OF QUANTITIES

SHEET 14 OF 14

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY JASPER

JOB NO. J7S2185B&F

CONTRACT ID.

PROJECT NO.

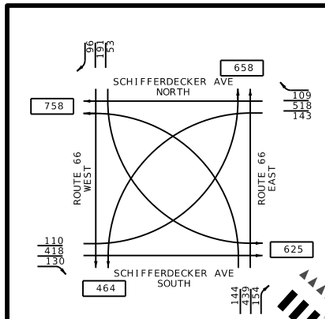
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592



TRAFFIC FLOW DIAGRAM
ESTIMATED - 2045
TRAFFIC VOLUME

LAND SURVEY MONUMENT
NW CORNER SEC. 4-T27N-R33W
DOCUMENT NO. 600-89860
2645.79' N02°08'04"E
TO BEGINNING OF PROJECT

PROJECT BEGINS AT A POINT APPROX. 2643.95 SOUTH & 98.53 WEST OF THE NW CORNER SEC. 4-T27N-R33W

SECTION LINE

BEGIN PROJECT J7S2185B&F
STA 201+22.90 ℄ ROUTE 66

SE 1/4, SE 1/4
S5 T27N R33W

SW 1/4, SW 1/4
S4 T27N R33W

NE 1/4, NE 1/4
S8 T27N R33W

NW 1/4, NW 1/4
S9 T27N R33W

SECTION LINE
SCHIFFERDECKER AVE (RTE. P)

S01°56'54"W

88°39'58"

S89°23'08"E

EXIST. R/W

315
GASKILL FAMILY TRUST
SEE SHEET NO.15

STA. 201+30.18 ℄ ROUTE 66=
STA. 348+72.10 ℄ SCHIFFERDECKER AVENUE (RTE. P)

INLET 202T2, ℄ ROUTE 66
STA. 202+80.00, 35.50 LT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 203T2, ℄ ROUTE 66
STA. 203+81.28, 35.50 LT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

INLET 204T2, ℄ ROUTE 66
STA. 204+07.50, 35.50 LT
1-7.5' X 3' MOD. TYPE T INLET
1-18" OPENING
2-54" OPENING

INLET 205D2, ℄ ROUTE 66
STA. 205+00.00, 35.50' LT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

STA. 203+38.00
℄ ROUTE 66 LT.
2.52% GRADE
W= 24.00'
PAVED APPROACH

STA. 204+42.00
℄ ROUTE 66 LT.
4.19% GRADE
W= 24.00'
PAVED APPROACH

STA. 205+48.78
℄ ROUTE 66 LT.
3.22% GRADE
W= 54.00'
PAVED APPROACH

317
FOUNDATION STC
SEE SHEET NO.15

EXIST. 20' SEWER ESMT.

EXIST. ELEC. ESMT.

U.I.P

TEMP. CONST. ESMT.

EXIST. SIDEWALK ESMT.

D.N.D.

SAWCUT

R 69'
R 83'
R 75'
R 80'
R 74'

TYPE B C&G

INLET 202T2

ADJUST WATER METER (BY OTHERS)

EOP

INLET 203T2

INLET 204T2

TYPE A PIPE COLLAR

6' SIDEWALK

MANHOLE TO BE REMOVED (BY OTHERS)

INLET 205D2

℄ ROUTE 66

INLET 202T1

INLET 203T1

INLET 204T1

INLET 205D1

(R&R) SIGN

TYPE A PIPE COLLAR PERM. SIDEWALK & D.N.D. UTILITY ESMT.

ADJUST MANHOLE

ADJUST SEWER MANHOLE (BY OTHERS)

EXIST. R/W

369
CASEY'S MARKETING COMPANY IOWA CORP
SEE SHEET NO.15

368
FOUNDATION STC
SEE SHEET NO.15

STA. 204+43.88
℄ ROUTE 66 RT.
8.26% GRADE
W= 35.50'
PAVED APPROACH

STA. 205+59.30
℄ ROUTE 66 RT.
6.75% GRADE
W= 40.00'
PAVED APPROACH

EXIST. 30' ELECTRICAL CLEARING ESMT.

EXIST. 20' SEWER ESMT.

50' ELECTRICAL CLEARING ESMT.

350

INLET 202T1, ℄ ROUTE 66
STA. 202+63.50, 24.50' RT
1-5' X 4' MOD. TYPE T INLET
1-24" OPENING
1-30" OPENING

INLET 203T1, ℄ ROUTE 66
STA. 203+81.28, 24.50' RT
1-5' X 4' MOD. TYPE T INLET
2-30" OPENINGS

INLET 204T1, ℄ ROUTE 66
STA. 204+03.00, 24.50' RT
1-7.5' X 4' MOD. TYPE T INLET
1-18" OPENING
1-30" OPENING
1-36" OPENING
1-54" OPENING

INLET 205D1, ℄ ROUTE 66
STA. 205+00.00, 24.50' RT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

MATCHLINE STA. 205+60.00

SCALE
0 20 40 60

GENERAL NOTE:
THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA. 202+56.16 TO STA. 253+02.93, A DISTANCE OF 0.956 MILES. TEMPORARY EASEMENT LIMITS FOR THIS PROJECT EXTEND FROM STA. 201+98.20 TO STA. 252+97.35, A DISTANCE OF 0.966 MILES.

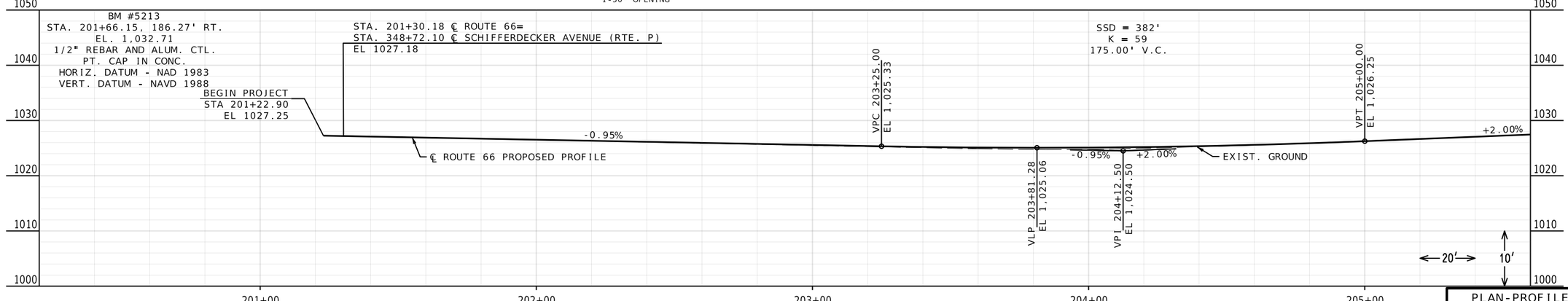
ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

ALL BEARINGS ARE BASED ON STATE PLANE BEARINGS, WEST ZONE.

ALL DRIVEWAY RADII ARE 10' UNLESS OTHERWISE MARKED.

ADA IMPROVEMENTS SHALL BE PAID FOR UNDER PROJECT #J7S2185F. EARTHWORK FOR ADA IMPROVEMENTS SHALL BE PAID FOR UNDER PROJECT #J7S2185B.

SEE RIGHT OF WAY SHEETS FOR RIGHT OF WAY DETAILS.



PLAN-PROFILE
SHEET 1 OF 11

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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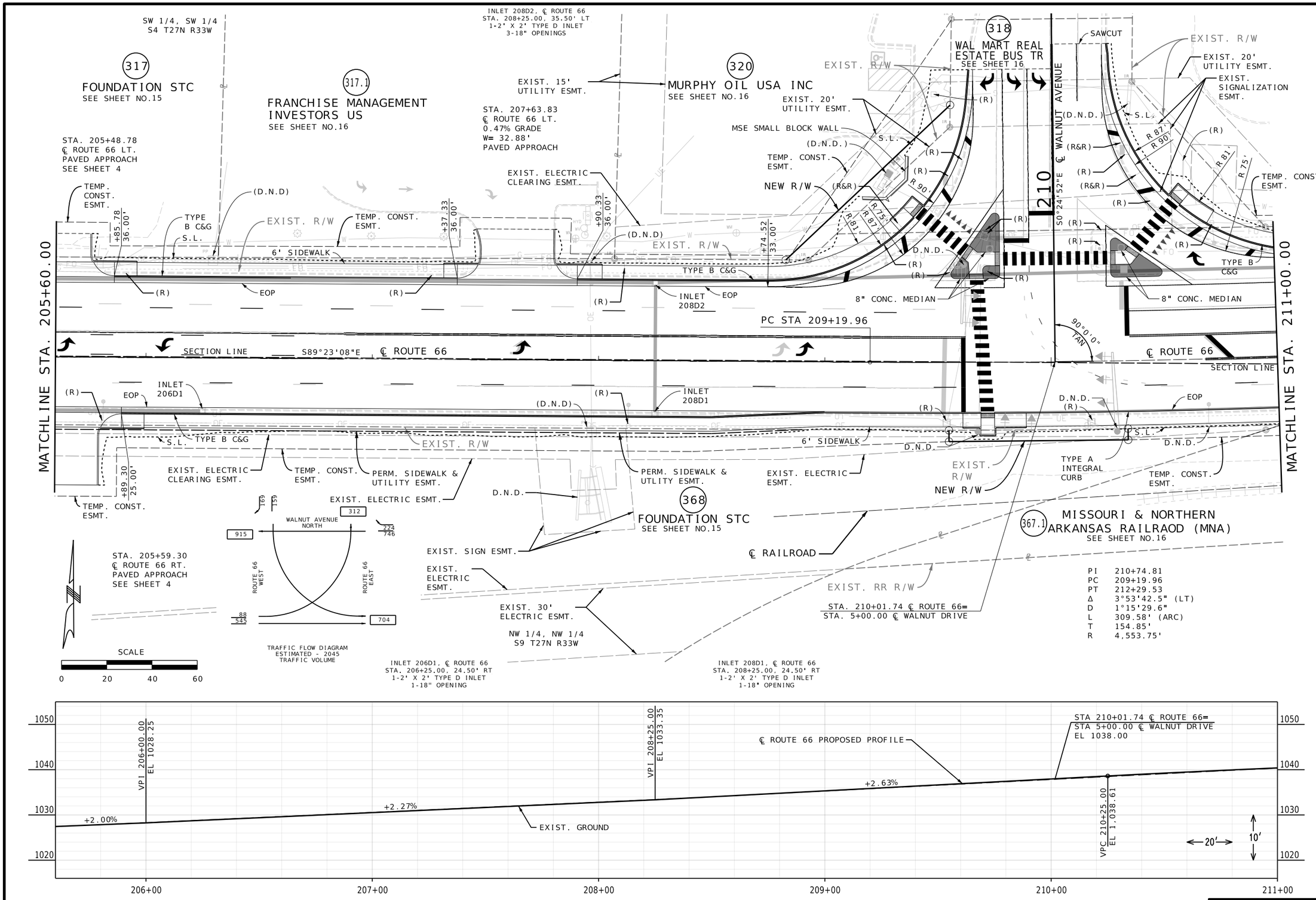

PLAN-PROFILE
SHEET 2 OF 11

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED	8/8/2025
ROUTE 66	STATE MO
DISTRICT SW	SHEET NO. 5
COUNTY	JASPER
JOB NO.	J7S2185B&F
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson

550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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INLET 211D1, ℄ ROUTE 66
STA. 211+35.00, 46.50' LT
1-2' X 2' TYPE D INLET
1-18" OPENING

INLET 211MH1, ℄ ROUTE 66
STA. 211+35.00, 34.00' LT
1-PRECAST 48" MANHOLE
3-18" OPENINGS

PI 210+74.81
PC 209+19.96
PT 212+29.53
Δ 3°53'42.5" (LT)
D 1°15'29.6"
L 309.58' (ARC)
T 154.85'
R 4,553.75'

SW 1/4, SW1/4
S4 T27N R33W

319
MRP JOPLIN II
SEE SHEET NO.17

EXIST. ESMT.

EXIST. R/W

℄ WINFIELD AVE

¼ SECTION LINE

SE 1/4, SW1/4
S4 T27N R33W

321
TBARE HOLDINGS, LLC
SEE SHEET NO.17

215

STA. 215+74.53
℄ ROUTE 66 LT.
1.00% GRADE
W= 33.00'
PAVED APPROACH

TEMP. CONST. ESMT.

EXIST. ELECTRIC CLEARING ESMT.

EXIST. 20' UTILITY ESMT.

PERM. SIDEWALK & UTILITY ESMT.

EXIST. POLE LINE PERMIT

D.N.D.

SAWCUT

PT STA 212+29.53

+77.05
44.00'

+01.29
22.00'

S02°06'14"W

(R)

(D.N.D.)

6' SIDEWALK

S.L.

EOP

TYPE B C&G

INLET 211D1

MANHOLE 211MH1

EXIST. EOP

EXIST. R/W

STA. 215+83.06 ℄ ROUTE 66=
STA. 0+00.00 ℄ JEFFERSON AVE

TEMP. CONST. ESMT.

6' SIDEWALK

SAWCUT

S.L.

TYPE B C&G

EOP

ADJUST WATER METER (BY OTHERS)

ADJUST WATER VALVE (BY OTHERS)

(R)

ADJUST WATER VALVE (BY OTHERS)

MATCHLINE STA. 211+00.00

MATCHLINE STA. 216+40.00

℄ ROUTE 66

ADJUST WATER VALVE (BY OTHERS)

R 15'

84°36'56"

R 15'

N86°43'10"E

84°49'23"

R 15'

D.N.D.

(U.I.P.)

(R)

SECTION LINE

INLET 211T1

EXIST. EOP

EOP

R 20'

R 20'

(R)

S.L.

6' SIDEWALK

EXIST. R/W

S.L.

(R)

℄ RAILROAD

TYPE A INTEGRAL CURB

STA 214+32.48 ℄ ROUTE 66 =
STA. 2+47.51 ℄ WINFIELD AVE

D.N.D.

(D.N.D.)

EOP

(R)

6' SIDEWALK

TYPE A INTEGRAL CURB

(R)

SAWCUT

D.N.D.

℄ RAILROAD

SECTION LINE

D.N.D.

4'W X 10'L X 1'D =
2 CY ROCK LINING

SAWCUT

(R)

TEMP. CONST. ESMT.

367.1
MISSOURI & NORTHERN ARKANSAS RAILROAD (MNA)
SEE SHEET NO.16

STA. 214+33.11
℄ ROUTE 66 RT.
2.57% GRADE
W= 12.00'
PAVED APPROACH

ADJUST WATER VALVE (BY OTHERS)

EXIST. RR R/W

STA. 212+76.42
℄ ROUTE 66 RT.
6.00% GRADE
W= 44.00'
PAVED APPROACH
REMOVE EXIST. 15" CMP
15"X49' CLASS V PIPE (15")
2-15" CLASS V FES

367
STORE MASTER FUNDING X
SEE SHEET NO.17

EXIST. R/W

ALLEY

EXIST. R/W

℄ JEFFERSON AVE
S01°53'47"W

EXIST. R/W

366
COMEAU JACK O & PHYLLIS J
SEE SHEET NO.17

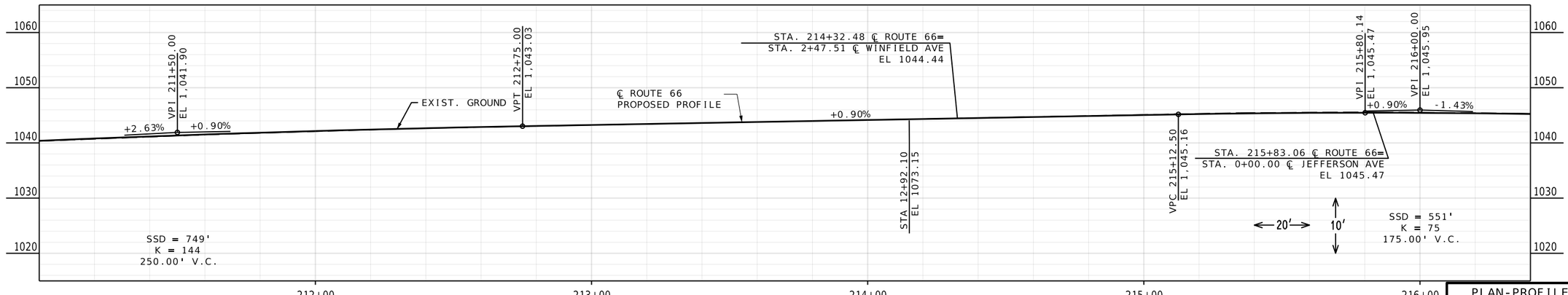
EXIST. R/W

NW1/4, NW 1/4
S9 T27N R33W

NE1/4, NW 1/4
S9 T27N R33W

SCALE
0 20 40 60

INLET 211T1, ℄ ROUTE 66
STA. 211+35.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-18" OPENING



PLAN-PROFILE
SHEET 3 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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INLET 219D1, ℄ ROUTE 66
STA. 219+02.00, 24.50' LT
1-2' X 2' TYPE D INLET
1-18" OPENING

INLET 219D2, ℄ ROUTE 66
STA. 219+26.00, 24.50' LT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

INLET 219D3, ℄ ROUTE 66
STA. 219+43.58, 24.50' LT
1-3' X 2.5' COMBO INLET
2-18" OPENINGS

INLET 219D4, ℄ ROUTE 66
STA. 219+73.25, 24.50' LT
1-3' X 2.5' COMBO INLET
2-24" OPENINGS
2-18" OPENINGS

INLET 220D1, ℄ ROUTE 66
STA. 220+85.00, 24.50' LT
1-2' X 2' TYPE D INLET
1-18" OPENING

INLET 219D5, ℄ ROUTE 66
STA. 219+94.00, 24.50 LT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

323
VOGT MONTE W & AMY L
SEE SHEET NO.18

322
RYAN MILLER
INSURANCE AGENCY INC
SEE SHEET NO.18

324
GPC&L HOLDINGS
SEE SHEET NO.18

325
SOLO TERRA
SEE SHEET NO.18

SE 1/4, SW 1/4
S4 T27N R33W

STA. 221+58.00
℄ ROUTE 66 LT.
3.50% GRADE
W= 55.50'
PAVED APPROACH

STA. 220+37.57
℄ ROUTE 66 LT.
7.61% GRADE
W= 66.00'
PAVED APPROACH

MATCHLINE STA. 216+40.00

MATCHLINE STA. 221+80.00

PERM. SIDEWALK & UTILITY ESMT.

EXIST. INGRESS/ EGRESS ESMT.

TEMP. CONST. EMST.

STA. 216+97.20
℄ ROUTE 66 LT.
1.00% GRADE
W= 25.00'
PAVED APPROACH

S.L.

SAWCUT

6' SIDEWALK

EXIST. R/W

TYPE B C&G

EOP

(R)

℄ ROUTE 66

PC STA 218+19.72

MONROE AVENUE N
S01°55'45"W

(D.N.D.)

R 15'

STA 219+14.38 ℄ ROUTE 66 =
STA. 0+00.00 ℄ MONROE AVENUE S

34°57'11" (TAN)

94°47'54" (TAN)

N86°43'10"E

STA. 218+59.76 ℄ ROUTE 66=
STA. 2+51.47 ℄ MONROE AVENUE N

INLET 219D1

INLET 219D2

INLET 219D3

INLET 219D4

INLET 219D5

INLET 220D1

TYPE A PIPE COLLAR

U.I.P.

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

6' SIDEWALK

EXIST. R/W

(D.N.D)

(D.N.D.) CANOPY

MANHOLE TO BE REMOVED (BY OTHERS)

REMOVE & RESET BENCH

EXIST. POLE LINE PERMIT

TYPE A INTEGRAL CURB

INLET 219T1

INLET 219T2

INLET 219T3

INLET 220T1

219FES

ROCK LINING

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

SECTION LINE

℄ RAILROAD

367.1
MISSOURI & NORTHERN ARKANSAS RAILROAD (MNA)
SEE SHEET NO.16

364
BRUCE JEFFREY D & MARIA F
SEE SHEET NO.18

365
COLLINS FAMILY TR
SEE SHEET NO.18

363
MADDEN JASON P & SANDRA G
SEE SHEET NO.18

362
LILAC HOLDING INC
SEE SHEET NO.18

ALLEY

EXIST. RR R/W

EXIST. POLE LINE PERMIT

PI 224+87.22
PC 218+19.72
PT 231+53.75
Δ 5°20'9.9" (RT)
D 0°24'0.0"
L 1,334.03' (ARC)
T 667.50'
R 14,323.97'

MONROE AVENUE S
S01°53'47"W

NE 1/4, NW 1/4
S9 T27N R33W

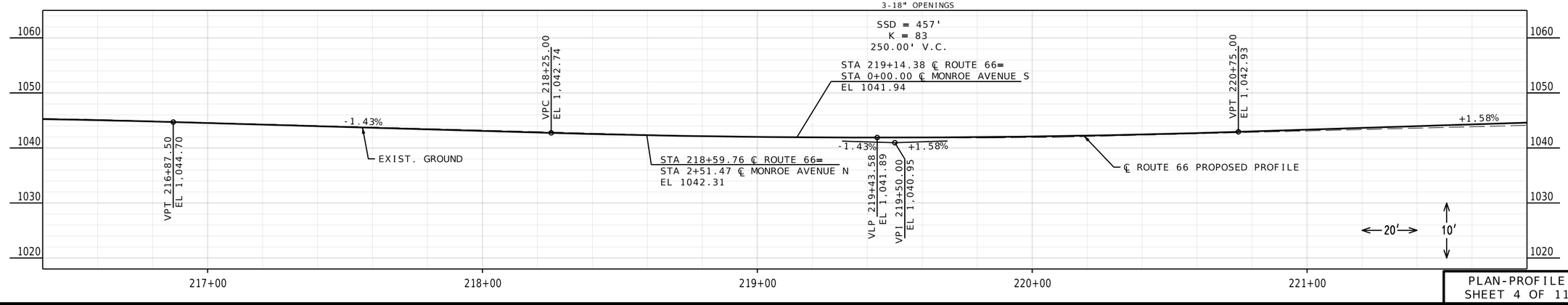
INLET 220T1, ℄ ROUTE 66
STA. 220+75.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 219T1, ℄ ROUTE 66
STA. 219+00.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 219T2, ℄ ROUTE 66
STA. 219+43.58, 22.00' RT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

INLET 219T3, ℄ ROUTE 66
STA. 219+73.25, 22.00' RT
1-5' X 3' TYPE T INLET
1-24" OPENING
3-18" OPENINGS

SCALE
0 20 40 60



PLAN-PROFILE
SHEET 4 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

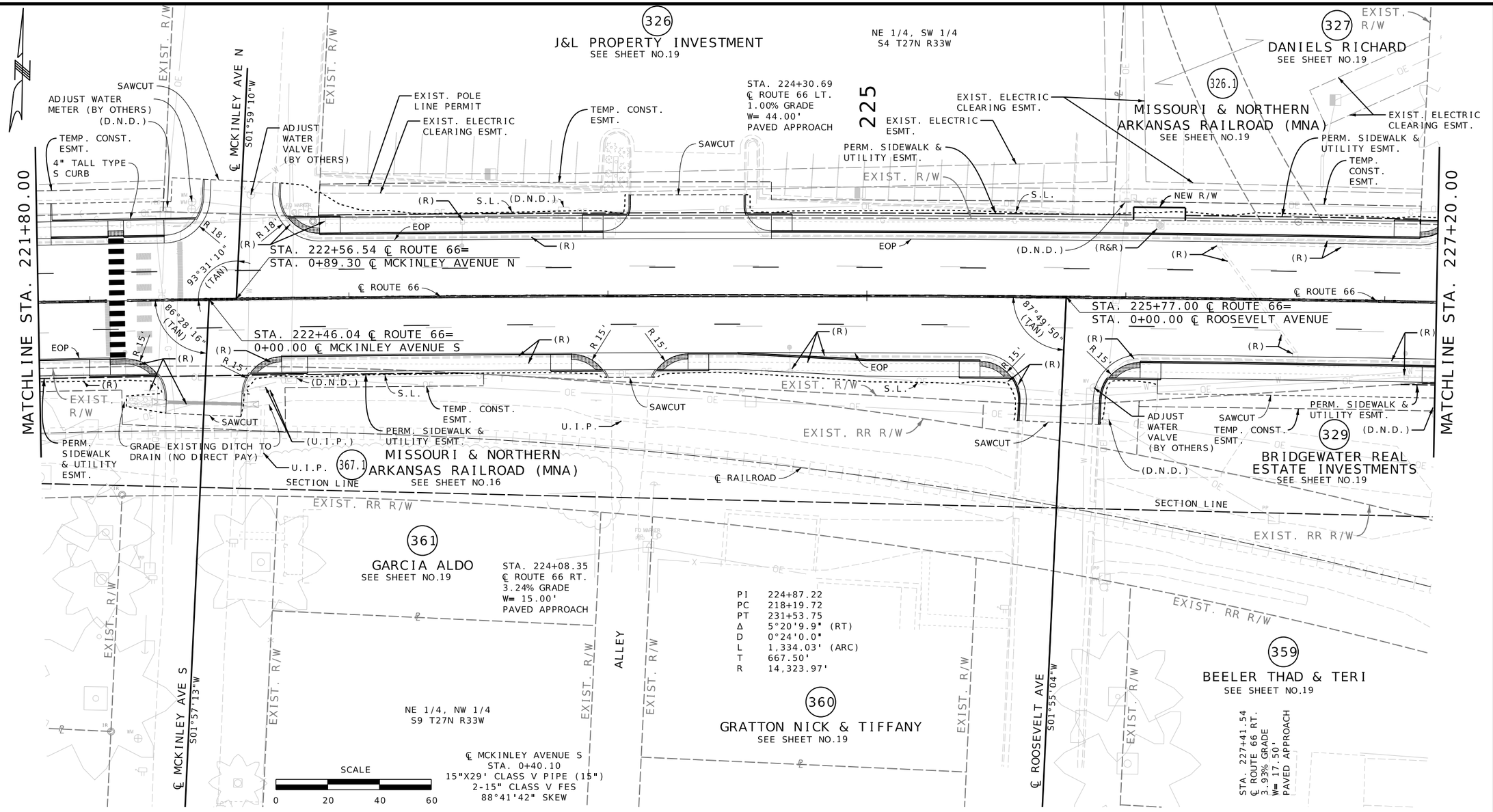
DESCRIPTION

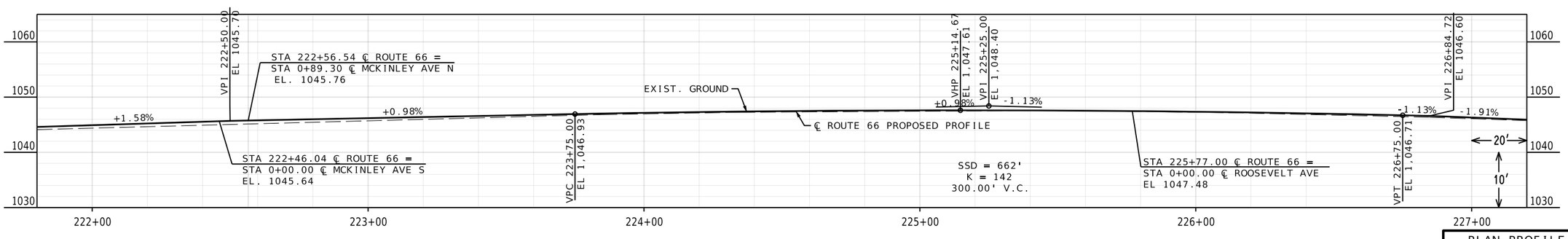
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592





PLAN-PROFILE
SHEET 5 OF 11

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

INLET 227D2, ℄ ROUTE 66
STA. 227+87.00, 24.50' LT
1-2' X 2' TYPE D INLET
1-18" OPENING

SW 1/4, SE 1/4
S4 T27N R33W

330
INNOVATIVE SOLUTION
SEE SHEET NO.20

INLET 231D2, ℄ ROUTE 66
STA. 231+09.50, 24.50' LT
1-2' X 2' TYPE D INLET
3-18" OPENINGS

230

330.1
MISSOURI & NORTHERN
ARKANSAS RAILROAD (MNA)
SEE SHEET NO.20

331
STURGIS CAPITAL
SEE SHEET NO.20

MATCHLINE STA. 227+20.00

MATCHLINE STA. 232+60.00

N OLIVER AVE

S02°02'54"W

EXIST. R/W

SAWCUT

(D.N.D.)

EXIST. ELECTRIC CLEARING ESMT.

TEMP. CONST. ESMT.

D.N.D.

S.L. (R&R)

EXIST. R/W

6' SIDEWALK

R 15'

91°38'20" (TAN)

INLET 227D2

STA. 227+42.27 ℄ ROUTE 66=
STA. 4+80.84 ℄ OLIVER AVENUE

STA. 229+11.08
℄ ROUTE 66 LT.
6.04% GRADE
W= 73.00'
PAVED APPROACH

PERM. SIDEWALK & UTILITY ESMT.

TYPE B C&G

EOP

EXIST. EOP

STA. 230+73.38 ℄ ROUTE 66=
STA. 0+00.00 ℄ WILLARD AVENUE

STA. 230+19.36
℄ ROUTE 66 LT.
4.72% GRADE
W= 56.00'
PAVED APPROACH

INLET 231D2

PT STA 231+53.75

STA. 231+77.49
℄ ROUTE 66 LT.
5.77% GRADE
W= 35.50'
PAVED APPROACH

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

S87°56'40"E

℄ ROUTE 66

INLET 227D1

INLET 229D1

INLET 230D1

INLET 231D1

89°40'33" (TAN)

90°19'27" (TAN)

R 13'

ADJUST WATER VALVE (BY OTHERS)

ADJUST WATER METER (BY OTHERS)

PERM. SIDEWALK & UTILITY ESMT.

SAWCUT

STA. 228+31.63
℄ ROUTE 66 RT.
4.45% GRADE
W= 72.24'
PAVED APPROACH

TEMP. CONST. ESMT.

STA. 229+55.97
℄ ROUTE 66 RT.
7.36% GRADE
W= 53.00'
PAVED APPROACH

STA. 230+11.81
℄ ROUTE 66 RT.
9.04% GRADE
W= 32.00'
PAVED APPROACH

PERM. SIDEWALK & UTILITY ESMT.

EXIST. ELECTRIC ESMT.

TEMP. CONST. ESMT.

STA. 231+93.98
℄ ROUTE 66 RT.
6.90% GRADE
W= 32.50'
PAVED APPROACH

ALLEY

SECTION LINE

STA. 227+41.54
℄ ROUTE 66 RT.
3.93% GRADE
W= 17.50'
PAVED APPROACH

358
AFFORDABLE MOTOR SPORTS
SEE SHEET NO.20

357
FORREST MICHAEL & NELVA
SEE SHEET NO.20

353
PARCS
SEE SHEET NO.20

EXIST. RR R/W

℄ WILLARD AVENUE

S02°03'29"W

EXIST. R/W

1/4 SECTION LINE

367.1
MISSOURI & NORTHERN
ARKANSAS RAILROAD (MNA)
SEE SHEET NO.16

℄ RAILROAD

NW 1/4, NE 1/4
S9 T27N R33W

PI 224+87.22
PC 218+19.72
PT 231+53.75
Δ 5°20'9.9" (RT)
D 0°24'0.0"
L 1,334.03' (ARC)
T 667.50'
R 14,323.97'

SCALE
0 20 40 60

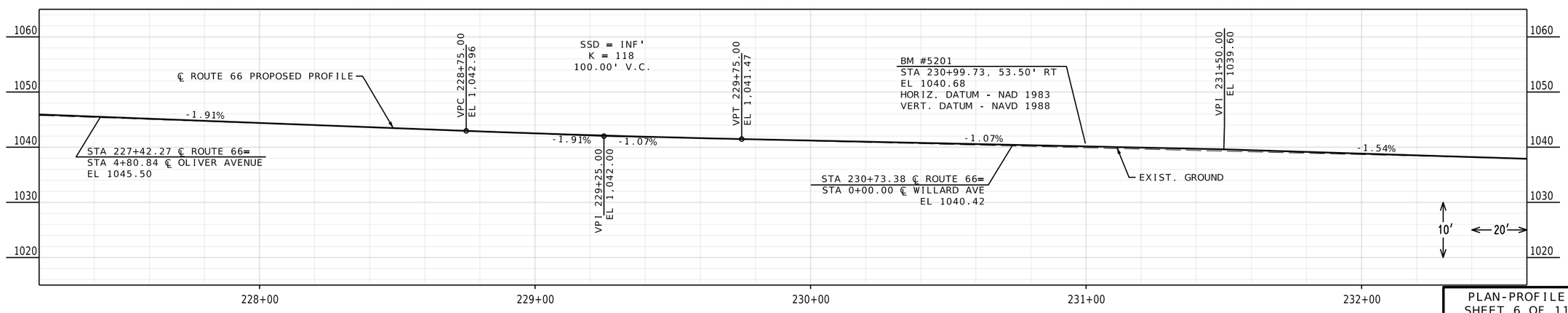
INLET 227D1, ℄ ROUTE 66
STA. 227+72.00, 24.50' RT
1-2' X 2' TYPE D INLET
1-18" OPENING

INLET 229D1, ℄ ROUTE 66
STA. 229+18.00, 24.50' RT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

INLET 230D1, ℄ ROUTE 66
STA. 230+30.00, 24.50' RT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

INLET 231D1, ℄ ROUTE 66
STA. 231+09.50, 24.50' RT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

INLET 231D2, ℄ ROUTE 66
STA. 231+09.50, 24.50' LT
1-2' X 2' TYPE D INLET
3-18" OPENINGS



PLAN-PROFILE
SHEET 6 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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INLET 233D4, ℄ ADELE AVENUE
STA. 3+75.00, 14.20' RT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

JUNCTION BOX 233JB1, ℄ ROUTE 66
STA. 233+70.75, 23.50' LT
1-3' X 3' JCT BOX
2-18" OPENINGS

INLET 233D2, ℄ ROUTE 66
STA. 233+43.00, 24.50' LT
1-2' X 2' TYPE D INLET
3-18" OPENINGS

INLET 233D3, ℄ ADELE AVE
STA. 4+48.00, 14.32' RT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

INLET 235D2, ℄ ROUTE 66
STA. 235+80.00, 24.50' LT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

INLET 237D1, ℄ ROUTE 66
STA. 237+80.00, 24.50' LT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

TYPE A PIPE COLLAR
INLET 233D3
SAWCUT

℄ ADELE AVE
S02°03'13"W

EXIST. R/W

SW 1/4, SE 1/4
S4 T27N R33W

331
STURGIS CAPITAL
SEE SHEET NO.20

333
PHAM TRUC J
SEE SHEET NO.21

332
RTB INVESTMENTS
SEE SHEET NO.21

STA. 4+15.00
℄ ADELE AVE RT.
3.35% GRADE
W= 30.00'
PAVED APPROACH

STA. 4+46.99
℄ ADELE AVENUE LT.
4.91% GRADE
W= 22.00'
PAVED APPROACH

STA. 234+58.38
℄ ROUTE 66 LT.
7.52% GRADE
W= 31.00'
PAVED APPROACH

STA. 235+09.57
℄ ROUTE 66 LT.
5.51% GRADE
W= 31.00'
PAVED APPROACH

STA. 236+41.88
℄ ROUTE 66 LT.
6.66% GRADE
W= 56.50'
PAVED APPROACH

235

ADJUST WATER VALVE (BY OTHERS)
ADJUST WATER METER (BY OTHERS)
EXIST. POLE LINE PERMIT
PERM. SIDEWALK & UTILITY ESMT.
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESMT.
D.N.D.
SAWCUT
6' SIDEWALK
TYPE B C&G
EOP
EXIST. EOP
JUNCTION BOX 233JB1
INLET 233D2
INLET 235D2
INLET 237D1
ADJUST WATER METER (BY OTHERS)

+54.19 25.00'
+14.70 25.00'
+42.88 25.00'
+73.88 25.00'
+94.07 25.00'
+25.07 25.00'
+52.76 25.00'
+13.63 25.00'
+69.63 25.00'
+78.13 25.00'
+07.19 25.00'

R 15'
89°59'54"

MATCHLINE STA. 232+60.00

MATCHLINE STA. 238+00.00

STA. 233+84.03 ℄ ROUTE 66 =
STA. 4+92.99 ℄ ADELE AVE

STA. 237+91.12 ℄ ROUTE 66 =
STA. 0+00.00 ℄ TYLER AVE S

℄ ROUTE 66

S87°56'40"E

ADJUST SEWER MANHOLE (BY OTHERS)
INLET 235D1
D.N.D. BUILDING
ADJUST SEWER MANHOLE (BY OTHERS)
ADJUST WATER VALVE (BY OTHERS)
90°2'33"

INLET 233D1
PERM. SIDEWALK & UTILITY ESMT.
S.L.
(D.N.D.)
6' SIDEWALK
EXIST. R/W
EXIST. ELECTRIC CLEARING ESMT.
SAWCUT
D.N.D.
TEMP. CONST. ESMT.
EXIST. ELECTRIC ESMT.
ADJUST WATER METER (BY OTHERS)
SECTION LINE

+54.85 25.00'
+15.60 25.00'
+30.82 25.00'
+51.82 25.00'
+72.94 25.00'
+23.94 25.00'
+65.69 25.00'

STA. 233+85.23
℄ ROUTE 66 RT.
7.46% GRADE
W= 30.75'
PAVED APPROACH

353
PARCS
SEE SHEET NO.20

STA. 236+41.57
℄ ROUTE 66 RT.
7.00% GRADE
W= 21.50'
PAVED APPROACH

352
AAJ
SEE SHEET NO.21

STA. 236+98.44
℄ ROUTE 66 RT.
8.47% GRADE
W= 52.00'
PAVED APPROACH

351
LUONG KHAM & THUONG NGUYEN
SEE SHEET NO.21

STA. 237+85.19
℄ ROUTE 66 RT.
6.86% GRADE
W= 40.00'
PAVED APPROACH

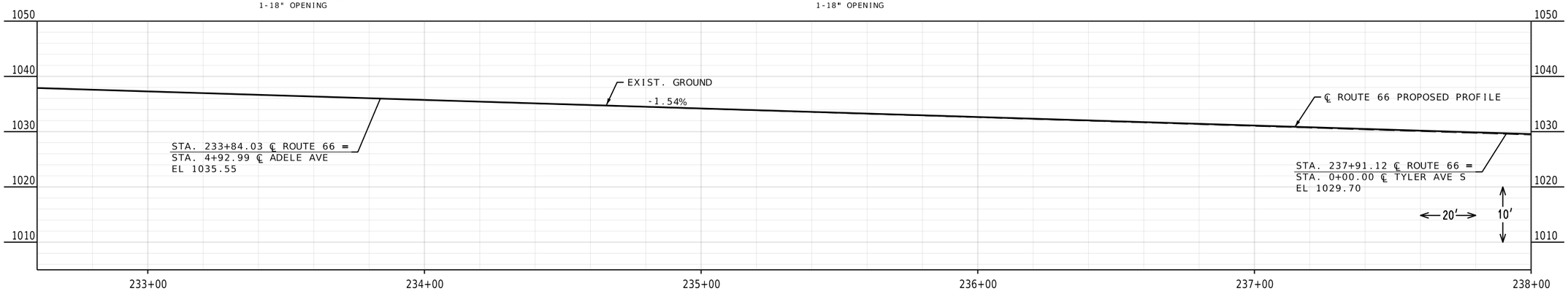
EXIST. R/W
℄ TYLER AVE S
S02°0'47"W

SCALE
0 20 40 60

INLET 233D1, ℄ ROUTE 66
STA. 233+43.00, 24.50' RT
1-2' X 2' TYPE D INLET
1-18" OPENING

NW 1/4, NE 1/4
S9 T27N R33W

INLET 235D1, ℄ ROUTE 66
STA. 235+80.00, 24.50' RT
1-2' X 2' TYPE D INLET
1-18" OPENING



PLAN-PROFILE
SHEET 7 OF 11

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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INLET 238D1, ℄ ROUTE 66
STA. 238+66.00, 24.50' LT
1-2' X 3' MOD. TYPE D INLET
1-18" OPENING
1-24" OPENING

INLET 239D2, ℄ ROUTE 66
STA. 239+30.00, 24.50' LT
1-2' X 3' MOD. TYPE D INLET
2-24" OPENINGS

INLET 239D4, ℄ ROUTE 66
STA. 239+82.00, 24.50' LT
1-2' X 3' MOD. TYPE D INLET
1-18" OPENING
2-24" OPENINGS

INLET 240SD1, ℄ ROUTE 66
STA. 240+33.75, 31.25' LT
1-20' TYPE A SLOTTED DRAIN
1-12" OPENING

INLET 240SD2, ℄ ROUTE 66
STA. 240+54.25, 31.25' LT
1-20' TYPE A SLOTTED DRAIN
2-12" OPENINGS

INLET 240D2, ℄ ROUTE 66
STA. 240+85.00, 24.50' LT
1-4' X 4' MOD. TYPE D INLET
1-12" OPENING
1-18" OPENING
1-24" OPENING
1-36" OPENING

INLET 241D1, ℄ ROUTE 66
STA. 241+81.00, 24.50' LT
1-2' X 4' MOD. TYPE D INLET
2-36" PIPE OPENINGS

INLET 242SD1, ℄ ROUTE 66
STA. 242+03.00, 31.25' LT
1-20' TYPE A SLOTTED DRAIN
1-12" OPENING

INLET 242SD2, ℄ ROUTE 66
STA. 242+25.00, 31.25' LT
1-20' TYPE A SLOTTED DRAIN
2-12" OPENINGS

INLET 242D2, ℄ ROUTE 66
STA. 242+57.00, 24.50' LT
1-4' X 4' MOD. TYPE D INLET
1-12" OPENING
1-18" OPENING
2-36" OPENINGS

SW 1/4, SE 1/4
S4 T27N R33W

SE 1/4, SE 1/4
S4 T27N R33W

335
LIBERTY ENTERPRISE GROUP
SEE SHEET NO.22

336
OX
% CEDAR TREE MANAGEMENT
SEE SHEET NO.22

STA. 240+43.95
℄ ROUTE 66 LT.
7.73% GRADE
W= 48.00'
PAVED APPROACH

STA. 241+63.69
℄ ROUTE 66 LT.
4.53% GRADE
W= 32.00'
PAVED APPROACH

STA. 242+14.19
℄ ROUTE 66 LT.
3.67% GRADE
W= 43.00'
PAVED APPROACH

OBLITERATE ASPHALT PAVEMENT

SCALE 0 20 40 60

℄ N TYLER AVE S01°56'43"W

¼ ¼ SECTION LINE

240

EXIST. R/W

ADJUST WATER VALVE (BY OTHERS)

ADJUST GAS VALVE (BY OTHERS)

SAWCUT

D.N.D

(D.N.D.)

TEMP. CONST. ESMT.

PERM. DRAINAGE ESMT.

PERM. SIDEWALK & UTILITY ESMT.

6' SIDEWALK

D.N.D. BUILDING

S.L.

TEMP. CONST. ESMT.

PERM. DRAINAGE ESMT.

D.N.D.

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

S.L.

EXIST. R/W

R 15'

(R)

INLET (R) 238D1

TYPE B C&G

INLET 239D2

EOP

EXIST. EOP

INLET 239D4

INLET 240SD1

INLET 240SD2

INLET 240D2

INLET 241D1

INLET 242SD1

INLET 242SD2

INLET 242D2

ADJUST GAS VALVE (BY OTHERS)

89°53'23"

90°6'37"

MATCHLINE STA. 238+00.00

MATCHLINE STA. 243+40.00

℄ ROUTE 66

STA. 238+24.81 ℄ ROUTE 66=
STA. 1+49.16 ℄ TYLER AVENUE N

S87°56'40"E

STA. 242+90.30 ℄ ROUTE 66=
STA. 0+00.00 ℄ CUNNINGHAM AVENUE

ADJUST SEWER MANHOLE (BY OTHERS)

ADJUST WATER VALVE (BY OTHERS)

INLET 239D1

TYPE B C&G

INLET 239D3

EXIST. EOP

EOP

INLET 240D1

ADJUST SEWER MANHOLE (BY OTHERS)

ADJUST WATER METER (BY OTHERS)

INLET 242D1

90°0'0"

ADJUST WATER VALVE (BY OTHERS)

(R&R)

S.L

6' SIDEWALK

ADJUST WATER METER (BY OTHERS)

SAWCUT

TEMP. CONST. ESMT.

D.N.D.

S.L.

EXIST. R/W

R 15'

SECTION LINE

EXIST. ELECTRIC CLEARING ESMT.

TEMP. ESMT.

CONST.

EXIST. ELECTRIC CLEARING ESMT.

SECTION LINE

TYPE A PIPE COLLAR

PERM. SIDEWALK & UTILITY ESMT.

ADJUST SEWER MANHOLE (BY OTHERS)

STA. 238+66.65
℄ ROUTE 66 RT.
7.77% GRADE
W= 55.00'
PAVED APPROACH

350
ZIMMERMAN CURTIS L
SEE SHEET NO.22

NW 1/4, NE 1/4
S9 T27N R33W

STA. 241+36.24
℄ ROUTE 66 RT.
7.73% GRADE
W= 74.00'
PAVED APPROACH

349
SPIN ENTERTAINMENT X INC
SEE SHEET NO.22

NE 1/4, NE 1/4
S9 T27N R33W

STA. 242+88.55
℄ ROUTE 66 RT.
4.01% GRADE
W= 34.50'
PAVED APPROACH

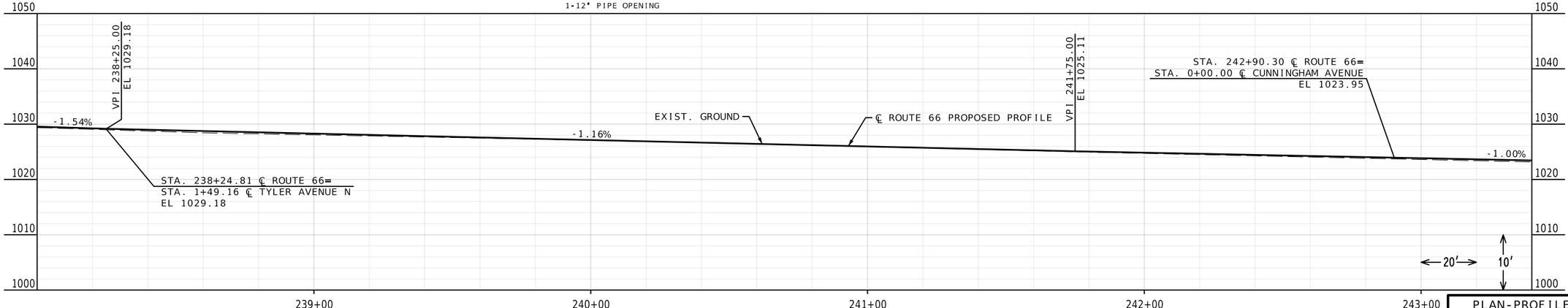
℄ CUNNINGHAM AVE S02°03'20"W

INLET 239D1, ℄ ROUTE 66
STA. 239+05.00, 24.50' RT
1-2' X 2' TYPE D INLET
1-18" OPENING

INLET 239D3, ℄ ROUTE 66
STA. 239+82.00, 24.50' RT
1-2' X 2' TYPE D INLET
2-18" OPENINGS
1-12" PIPE OPENING

INLET 240D1, ℄ ROUTE 66
STA. 240+85.00, 24.50' RT
1-2' X 2' TYPE D INLET
1-24" OPENING

INLET 242D1, ℄ ROUTE 66
STA. 242+45.00, 24.50' RT
1-2' X 2' TYPE D INLET
1-24" OPENING



PLAN-PROFILE
SHEET 8 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	11

COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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INLET 245D2, ℄ ROUTE 66
STA. 245+00.25, 24.50' LT
1-2' X 4' MOD. TYPE D INLET
2-36" OPENINGS
1-18" OPENING
1-12" OPENING

INLET 246D2, ℄ ROUTE 66
STA. 246+75.00, 24.50' LT
1-4' X 4' MOD. TYPE D INLET
2-36" OPENINGS

JUNCTION BOX 247JB1, ℄ ROUTE 66
STA. 247+15.00, 22.00' LT
1- 6' X 3' JUNCTION BOX
2-18" OPENINGS
1-36" OPENING
1-42" OPENING

INLET 247D2, ℄ ROUTE 66
STA. 247+24.15, 37.00' LT
1-4' X 2' TYPE D INLET
1-18" OPENING

INLET 247D3, ℄ ROUTE 66
STA. 247+47.00, 24.50' LT
1-2' X 6' MOD. TYPE D INLET
2-42" OPENINGS

INLET 248D1, ℄ ROUTE 66
STA. 248+03.00, 24.50' LT
1-2' X 6' MOD. TYPE D INLET
2-42" OPENINGS

INLET 248D2, ℄ ROUTE 66
STA. 248+45.00, 24.50' LT
1-2' X 6' MOD. TYPE D INLET
2-42" OPENINGS

INLET 248SD1, ℄ ROUTE 66
STA. 248+74.00, 31.25' LT
1-20' TYPE A SLOTTED DRAIN
1-12" OPENING

SE 1/4, SE 1/4
S4 T27W R33W

335
LIBERTY ENTERPRISE GROUP
SEE SHEET NO.23

334
PIZZA PROPERTIES
SEE SHEET NO.23

337
CARING AMERICANS TRUST FOUNDATION INC
SEE SHEET NO.23

339
1641 WEST 7TH STREET,LLC
SEE SHEET NO.23

245

MATCHLINE STA. 243+40.00

MATCHLINE STA. 248+80.00

STA. 244+30.31
℄ ROUTE 66 LT.
4.70% GRADE
W= 51.00'
PAVED APPROACH

STA. 246+26.30
℄ ROUTE 66 LT.
8.59% GRADE
W= 60.00'
PAVED APPROACH

STA. 247+09.15
℄ ROUTE 66 LT.
4.57% GRADE
W= 31.00'
PAVED APPROACH

STA. 247+75.41
℄ ROUTE 66 LT.
5.57% GRADE
W= 32.00'
PAVED APPROACH

STA. 248+73.74
℄ ROUTE 66 LT.
6.70% GRADE
W= 31.50'
PAVED APPROACH

EXIST. 10' ELECTRIC ESMT.

PERM. SIDEWALK & UTILITY ESMT.
TEMP. CONST. ESMT.
6' SIDEWALK
SAWCUT
S.L.
R 25'
(D.N.D.)
(R)
TYPE B C&G
TYPE A PIPE COLLAR
INLET 245D2
EOP
EXIST. EOP
ADJUST WATER VALVE (BY OTHERS)
EXIST. 15' UTILITY ESMT.
(R&R)
TEMP. CONST. ESMT.
ADJUST GAS VALVE (BY OTHERS)
INLET 246D2
INLET 247D2
JUNCTION BOX 247JB1
INLET 247D3
EXIST. R/W
PERM. SIDEWALK & UTILITY ESMT.
PERM. DRAINAGE ESMT.
EXIST. 15' SEWER ESMT.
EXIST. POLE LINE PERMIT
INLET 248D1
ADJUST WATER METER (BY OTHERS)
INLET 248D2
C&G
INLET 248SD1
℄ ROUTE 66

ADJUST WATER METER (BY OTHERS)
TYPE B C&G
INLET 245D1
ADJUST SEWER MANHOLE (BY OTHERS)
S87°56'40"E
INLET 246D1
ADJUST WATER VALVE (BY OTHERS)
ADJUST WATER METER (BY OTHERS)
ADJUST SEWER MANHOLE (BY OTHERS)
INLET 247D1
ADJUST WATER VALVE (BY OTHERS)
ADJUST WATER VALVE (BY OTHERS)
INLET 248D3
TYPE B C&G
SECTION LINE
EXIST. R/W
TEMP. CONST. ESMT.
EXIST. ELECTRIC CLEARING ESMT.
PERM. SIDEWALK & UTILITY ESMT.
STA. 243+95.00
℄ ROUTE 66 RT.
6.57% GRADE
W= 52.00'
PAVED APPROACH
STA. 245+75.08
℄ ROUTE 66 RT.
5.59% GRADE
W= 60.00'
PAVED APPROACH
STA. 246+55.22
℄ ROUTE 66 RT.
5.85% GRADE
W= 24.78'
PAVED APPROACH
EXIST. INGRESS/EGRESS ESMT.
STA. 247+40.27
℄ ROUTE 66 RT.
7.23% GRADE
W= 21.00'
PAVED APPROACH
RELOCATE FIRE HYDRANT (BY OTHERS)
(D.N.D.)

348
HIPPLE INVESTMENTS
SEE SHEET NO.23

346
J. HIPPLE INVESTMENTS
SEE SHEET NO.23

347
CLEAR LINK TELEPHONE CORP
SEE SHEET NO.23

345
AUTOZONE INC #337
SEE SHEET NO.23

NE 1/4, NE 1/4
S9 T27W R33W

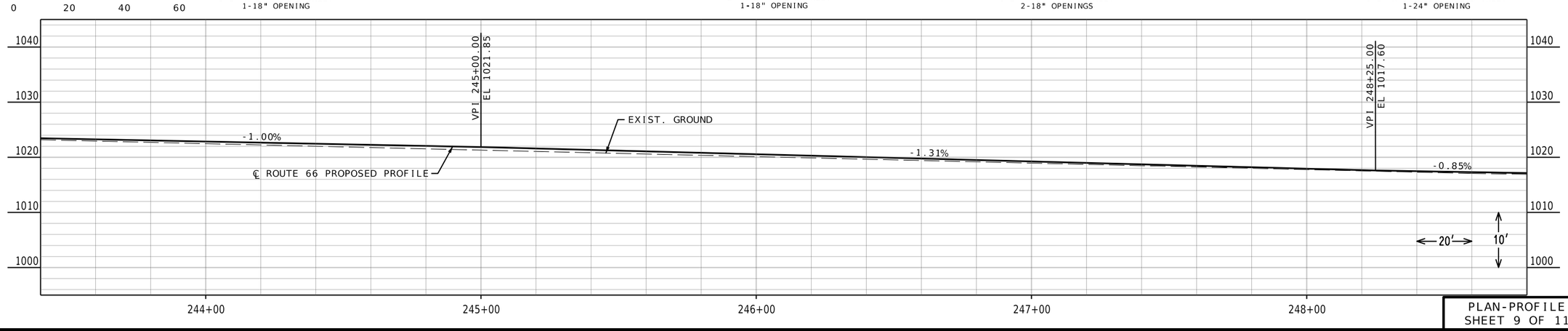
SCALE
0 20 40 60

INLET 245D1, ℄ ROUTE 66
STA. 245+00.25, 24.50' RT
1-2' X 2' TYPE D INLET
1-18" OPENING

INLET 246D1, ℄ ROUTE 66
STA. 246+22.00, 24.50' RT
1-2' X 2' TYPE D INLET
1-18" OPENING

INLET 247D1, ℄ ROUTE 66
STA. 247+15.00, 24.50' RT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

INLET 248D3, ℄ ROUTE 66
STA. 248+50.00, 24.50' RT
1-2' X 3' MOD. TYPE D INLET
1-24" OPENING



PLAN-PROFILE
SHEET 9 OF 11

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REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

INLET 249D1, ℄ ROUTE 66
STA. 249+02.00, 24.50 LT
1-4' X 6' MOD. TYPE D INLET
2-42" OPENINGS
1-12" OPENING

INLET 249D2, ℄ ROUTE 66
STA. 249+65.00, 27.32' LT
1-2' X 6' MOD. TYPE D INLET
2-42" OPENINGS

INLET 250D1, ℄ ROUTE 66
STA. 250+31.00, 30.55' LT
1-4' X 6' MOD. TYPE D INLET
2-42" OPENINGS

INLET 251T1, ℄ ROUTE 66
STA. 251+80.00, 35.50' LT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

INLET 252T1, ℄ ROUTE 66
STA. 252+16.00, 35.50' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

SE 1/4, SE 1/4
S4 T27N R33W

340
KSJ INVESTMENTS
SEE SHEET NO. 24

341
WG JOPLIN
SEE SHEET NO. 24

EXIST. 10' ELECTRIC ESMT.
EXIST. COMMUNICATION ESMT.
EXIST. SEWER ESMT.
EXIST. DRAINAGE DITCH & STORM SEWER ESMT.
EXIST. DRAINAGE ESMT.
EXIST. SEWER & DRAINAGE ESMT.
PERM. DRAINAGE ESMT.
EXIST. 15' SEWER ESMT.
PERM. SIDEWALK & UTILITY ESMT.
EXIST. POLE LINE PERMIT
TEMP. CONST. ESMT.
EXIST. R/W
NEW R/W
℄ MAIDEN LN
(D.N.D.) SIGN & FOOTING
(R) EXIST. WALL & FENCING
ADJUST GAS VALVE (BY OTHERS)
ADJUST MANHOLE
ADJUST SEWER MANHOLE (BY OTHERS)
ADJUST WATER VALVE (BY OTHERS)
SAWCUT
S.L.
D.N.D.
(D.N.D.)
6' SIDEWALK TYPE B C&G
EOP
U.I.P.
(R)
INLET 249D1
INLET 249D2
INLET 249D3
INLET 250D1
INLET 250D2
INLET 251T1
INLET 251D1
INLET 252SD1
INLET 252T1
℄ ROUTE 66
6' SIDEWALK
EXIST. ELECTRIC CLEARING ESMT.
EXIST. DRAINAGE DITCH ESMT.
SECTION LINE
EXIST. 10' WATER ESMT.
PERM. DRAINAGE ESMT.
EXIST. ELECTRIC CLEARING ESMT.

MATCHLINE STA. 248+80.00

STA. 248+85.07
℄ ROUTE 66 RT.
7.40% GRADE
W= 26.00'
PAVED APPROACH

STA. 249+45.32
℄ ROUTE 66 RT.
8.89% GRADE
W= 56.00'
PAVED APPROACH

STA. 250+12.53
℄ ROUTE 66 LT.
10.75% GRADE
W= 25.50'
PAVED APPROACH

STA. 250+78.72
℄ ROUTE 66 LT.
1.36% GRADE
W= 37.00'
PAVED APPROACH

STA. 250+84.98
℄ ROUTE 66 RT.
7.91% GRADE
W= 40.50'
PAVED APPROACH

STA. 251+41.57
℄ ROUTE 66 RT.
6.42% GRADE
W= 23.00'
PAVED APPROACH

STA. 252+01.29
℄ ROUTE 66 RT.
7.64% GRADE
W= 31.00'
PAVED APPROACH

END PROJECT J7S2185B & F
BEGIN PROJECT J7S2185C
STA.252+19.89 ℄ ROUTE 66

LAND SURVEY MONUMENT
NW CORNER SEC. 10-T27N-R33W
DOCUMENT NO. 600-93476
3849.21' N44°15'46"W
TO END OF PROJECT

PROJECT ENDS AT A POINT APPROX.
2763.58 NORTH & 2686.31 WEST OF THE
NW CORNER SEC. 10-T27N-R33W
STA. 253+47.80 ℄ ROUTE 66=
STA. 10+00.00 ℄ MAIDEN LANE

S01°56'20"W
90°7'0"
S87°56'40"E

NE 1/4, NE 1/4
S9 T27N R33W

344
SHORTMAN
SEE SHEET NO. 24

343
D L ROGERS CORP
SEE SHEET NO. 24

342
702 S. MAIDEN
SEE SHEET NO. 24

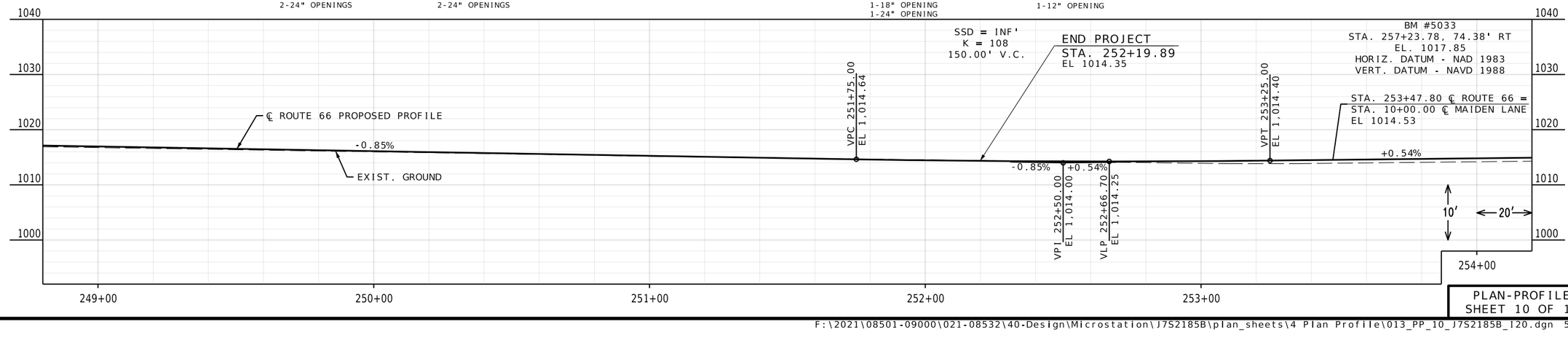
SCALE
0 20 40 60

INLET 249D3, ℄ ROUTE 66
STA. 249+95.00, 24.50' RT
1-2' X 3' MOD. TYPE D INLET
2-24" OPENINGS

INLET 250D2, ℄ ROUTE 66
STA. 250+54.00, 24.50' RT
1-2' X 3' MOD. TYPE D INLET
2-24" OPENINGS

INLET 251D1, ℄ ROUTE 66
STA. 251+71.00, 24.50' RT
1-4' x 3' MOD. TYPE D INLET
1-18" OPENING
1-24" OPENING

INLET 252SD1, ℄ NONE
STA. 252+01.00, 31.25' RT
1-20' TYPE A SLOTTED DRAIN
1-12" OPENING



PLAN-PROFILE
SHEET 10 OF 11

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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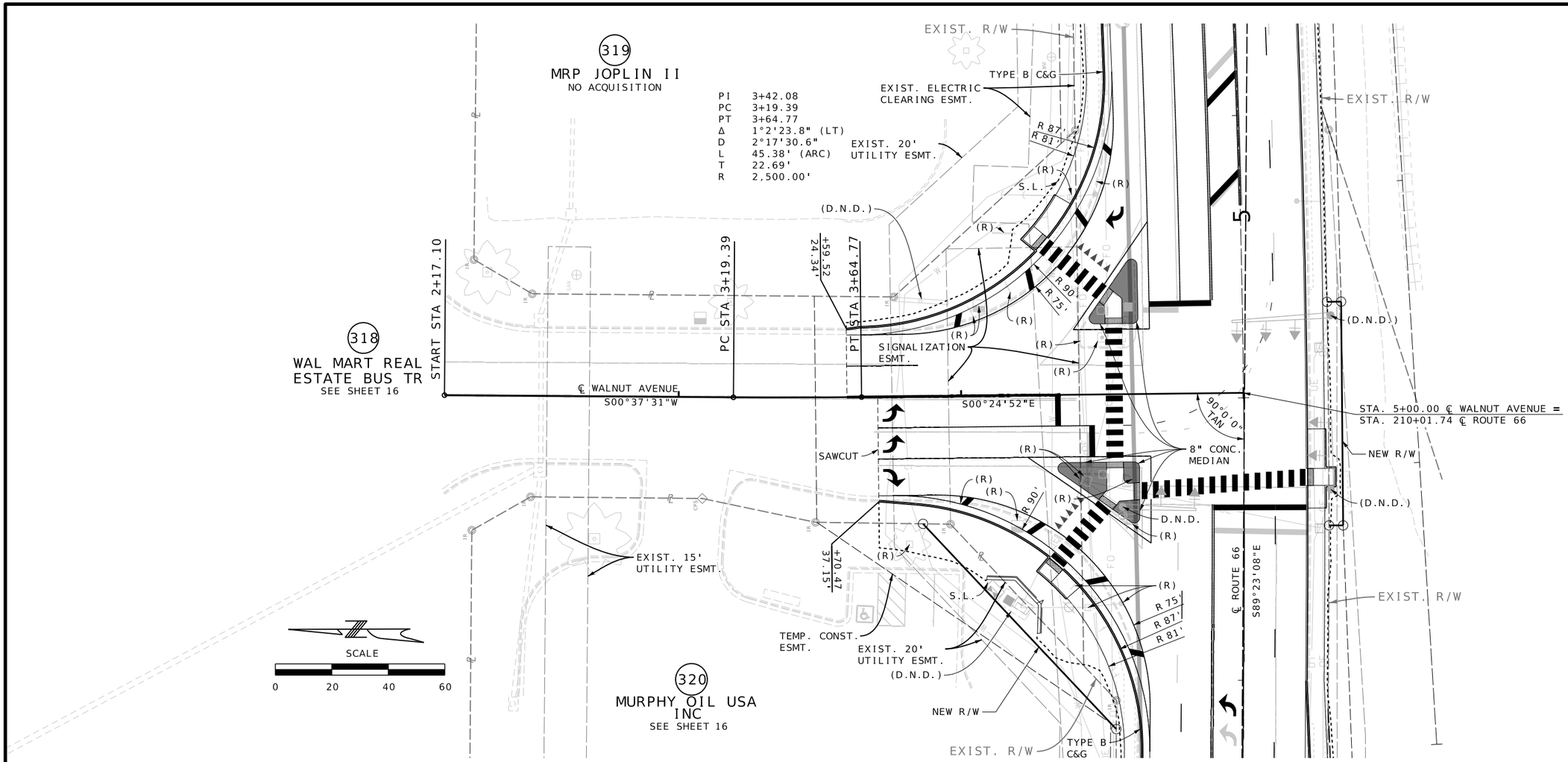

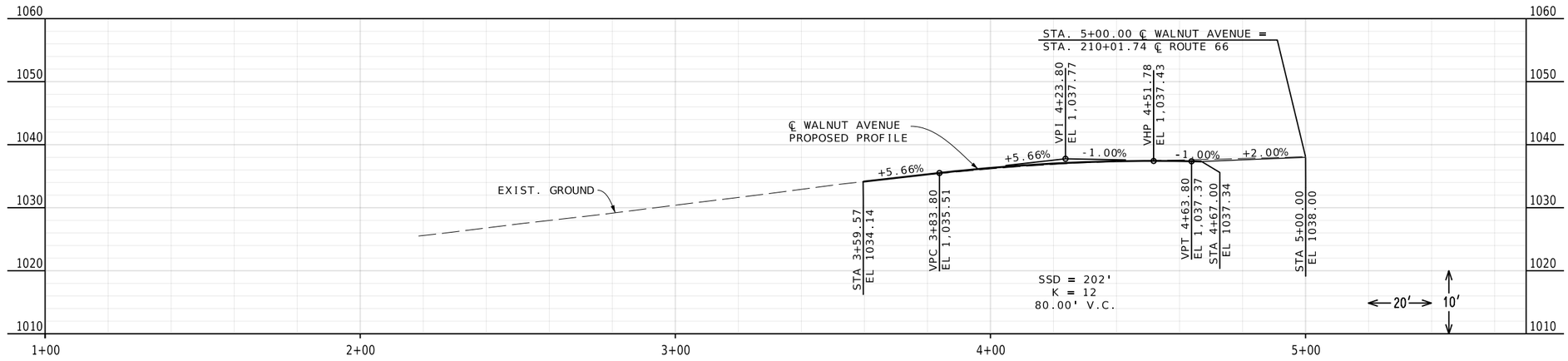

PLAN-PROFILE
WALNUT AVENUE
SHEET 11 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED	10/6/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	14
COUNTY	JASPER
JOB NO.	J7S2185B&F
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson

550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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SE 1/4, SE 1/4
S5 T27N R33W

SW 1/4, SW 1/4
S4 T27N R33W

EXIST. R/W

SECTION LINE

SCHIFFERDECKER AVE (RTE. P)

EXIST. 5'
SEWER ESM'T

315
GASKILL FAMILY TRUST
2,781 SF TEMP. CONST. ESM'T.
1.65 AC REMAINING
ONE ENTRANCE CLOSURE

317
FOUNDATION STC
1,645 SF TEMP. CONST. ESM'T.
1.06 AC REMAINING
ONE ENTRANCE CLOSURE

EXIST. 20'
SEWER ESMT.

EXIST.
ELECTRIC
ESMT.

EXIST. SIDEWALK
ESMT.

+98.14
49.20'

+04.39
44.19'

EXIST.
R/W

+86.21
49.00'

+19.00
49.00'

+19.00
60.00'

TEMP.
CONST.
ESM'T.

EXIST.
ELECTRIC
ESMT.

EXIST. R/W

+55.80
44.00'

+56.23
60.00'

+59.00
60.00'

+59.00
49.00'

205

+13.78
49.00'

+13.78
59.58'

TEMP.
CONST.
ESM'T.

EXIST.
R/W

LAND SURVEY MONUMENT
NW CORNER SEC. 4-T27N-R33W
DOCUMENT NO. 600-89860
2645.79' N02°08'04"E
TO BEGINNING OF PROJECT

PROJECT BEGINS AT A POINT APPROX.
2643.95 SOUTH & 98.53 WEST OF THE
NW CORNER SEC. 4-T27N-R33W

STA. 201+30.18 ℄ ROUTE 66 =
STA. 348+72.10 ℄ SCHIFFERDECKER AVE (RTE. P)

SECTION LINE

℄ ROUTE 66

SECTION LINE

S89°23'08"E

BEGIN PROJECT J7S2185B&F
STA 201+22.90 ℄ ROUTE 66

EXIST. PERM.
ESMT. (ELECTRIC)

MATCHLINE STA. 205+60.00

PERM. SIDEWALK &
UTILITY ESM'T
TEMP. CONST.
ESM'T.

EXIST.R/W

+44.41'
40.00'

+56.16'
32.00'

+59.09'
30.00'

+96.42
40.00'

+40.25
30.00'

PERM. SIDEWALK &
UTILITY ESM'T

+70.14
40.00'

+70.31'
32.00'

+31.30
40.00'

+96.42
57.64'

TEMP.
CONST.
ESM'T.

+70.06
43.72'

+69.77
57.64'

+31.30
61.53'

TEMP.
CONST.
ESM'T.

EXIST. 20'
SEWER ESMT.

368
FOUNDATION STC
387 SF NEW R/W
800 SF PERM. SIDEWALK & UTILTIY ESM'T.
5,254 SF TEMP. CONST. ESM'T.
4.34 AC REMAINING

NE 1/4, NE 1/4
S8 T27N R33W

S1°56'53.89"W

EXIST.
R/W

369
CASEY'S MARKETING
COMPANY IOWA CORP
425 SF PERM. SIDEWALK & UTILITY ESM'T
3,057 SF TEMP. CONST. ESM'T.
1.42 AC REMAINING

EXIST. 50' ELECTRICAL
CLEARING ESM'T

EXIST. 20'
SEWER ESM'T

EXIST. 2'
ELECTRIC
ESM'T

EXIST. 30' ELECTRIC
CLEARING ESM'T

EXIST. UTILITY ESM'T

NW 1/4, NW 1/4
S9 T27N R33W

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 1 OF 10

REID
BRENNEN CATT
NUMBER
PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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317
FOUNDATION STC
SEE SHEET 15

SW 1/4, SW 1/4
S4 T27N R33W

317.1
FRANCHISE MANAGEMENT INVESTORS US
1,452 SF TEMP. CONST. ESMT.
1.09 AC REMAINING

320
MURPHY OIL USA INC
649 SF NEW R/W
1,463 SF TEMP. CONST. ESMT.
0.68 AC REMAINING

318
WALMART REAL ESTATE BUS TR
10,585 SF TEMP. CONST. ESMT.
23.15 AC REMAINING

319
MRP JOPLIN II
SEE SHEET 17

MATCHLINE STA. 205+60.00

SECTION LINE

℄ ROUTE 66

S89°23'08"E

PC STA 209+19.96

S00°24'52"E 210

℄ WALNUT AVENUE

90°0'0"

SECTION LINE

MATCHLINE STA. 211+00.00

PC STA 3+19.39

PI	3+42.08
PC	3+19.39
PT	3+64.77
Δ	1°2'23.8" (LT)
D	2°17'30.6"
L	45.38' (ARC)
T	22.69'
R	2,500.00'

PT STA 3+64.77

+56.06 151.35'
+55.34 104.00'
+64.45 124.40'
+38.05 123.35'
+83.78 59.58'
+83.78 49.23'
+31.79 49.39'
+31.68 44.39'
+38.37 49.76'
+38.37 62.78'
+87.59 62.78'
+87.22 47.02'
+06.77 45.00'
+84.50 46.94'
+92.54 44.94'
+91.97 62.75'
+96.39 57.68'
+87.30 61.53'
+87.30 40.00'
+87.67 43.78'
+88.30 57.63'
+07.69 43.78'
+41.83 40.00'
+50.19 32.00'
+81.04 43.26'
+90.19 30.00'
+54.82 30.00'
+54.82 35.00'
+33.43 30.00'
+33.43 35.00'
+84.95 34.73'
+32.03'
+94.17'

TEMP. CONST. ESMT.
EXIST. R/W
EXIST. 15' UTILITY ESMT.
EXIST. 20' UTILITY ESMT.
NEW R/W
EXIST. ELECTRIC CLEARING ESMT.
EXIST. SIGNALIZATION ESMT.
EXIST. ELECTRIC ESMT.
PERM. SIDEWALK & UTILITY ESMT.
EXIST. SIGN ESMT.
2' EXIST. ELECTRIC ESMT.
EXIST. 30' ELECTRIC ESMT.
EXIST. UTILITY ESMT.
℄ RAILROAD
EXIST. RR R/W

STA. 210+01.74 ℄ ROUTE 66 =
STA. 5+00.00 ℄ WALNUT AVENUE

367.1
MISSOURI & NORHTERN ARAKANSAS RAILRAOD (MNA)
880 SF PERM SIDEWALK & UTILITY ESMT.
10,033 SF TEMP. CONST. ESMT.

PI	210+74.81
PC	209+19.96
PT	212+29.53
Δ	3°53'42.5" (LT)
D	1°15'29.6"
L	309.58' (ARC)
T	154.85'
R	4,553.75'

368
FOUNDATION STC
SEE SHEET 15

NW 1/4, NW 1/4
S9 T27N R33W

367
STORE MASTER FUNDING X
NO ACQUISITION

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13 FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 2 OF 10

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 10/6/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 16
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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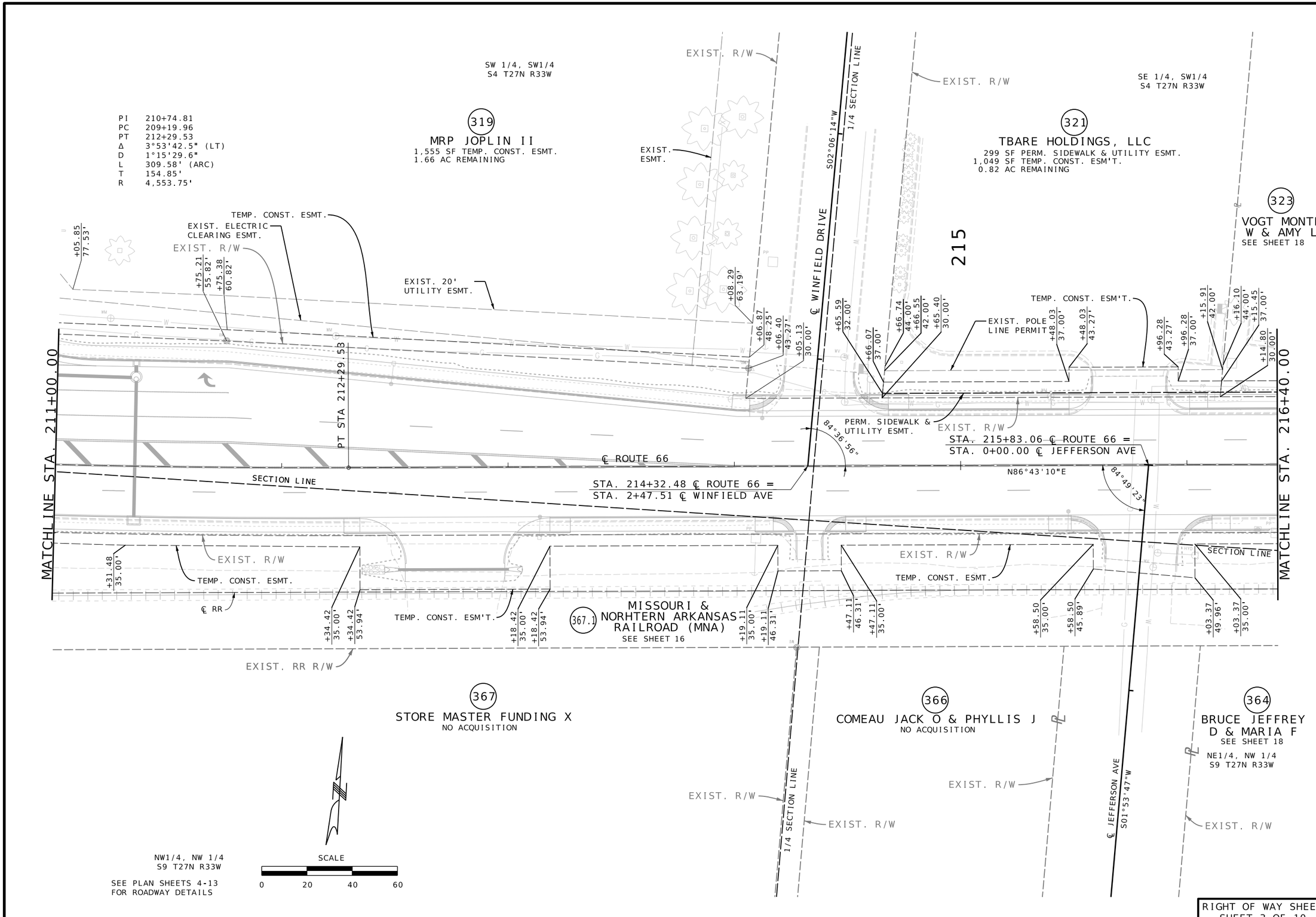

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED	10/6/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	17
COUNTY	JASPER
JOB NO.	J7S2185B&F
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson

550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

RIGHT OF WAY SHEET
SHEET 3 OF 10

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323
VOGTT MONTE W & AMY L
201 SF PERM. SIDEWALK & UTILITY ESMT.
885 SF TEMP. CONST. ESMT.
0.54 AC REMAINING

322
RYAN MILLER
INSURANCE AGENCY INC
233 SF PERM. SIDEWALK & UTILITY ESMT.
938 SF TEMP. CONST. ESMT.
0.62 AC REMAINING

324
GPC&L HOLDINGS
192 SF PERM. SIDEWALK & UTILITY ESMT.
2,182 SF TEMP. CONST. ESMT.
0.99 AC REMAINING
TWO ENTRANCE CLOSURES

325
SOLO TERRA
1,214 SF TEMP. CONST. ESMT.
0.34 AC REMAINING

EXIST. R/W
EXIST. INGRESS/EGRESS ESMT.
EXIST. INGRESS/EGRESS ESMT.
EXIST. SEWER ESMT.
EXIST. POLE LINE PERMIT ESMT.
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESMT.

℄ MONROE AVENUE N
S01°55'45"W

SE 1/4, SW 1/4
S4 T27N R33W

+74.76 37.00' +75.59 47.93'
+19.72 30.00' +19.72 32.00' +31.78 32.00' +32.10 35.46' +31.59 30.00'
+91.89 32.00' +92.87 43.00' +91.73 30.18'
+97.13 32.00'
+89.90 32.55' +91.92 32.59' +92.66 43.00'
+04.30 43.07' +03.55 32.72'

℄ ROUTE 66
N86°43'10"E
PC STA 218+19.72
95°21'59" (TAN)
84°57'11" (TAN)
85°12'6" (TAN)
94°47'54" (TAN)
STA. 218+59.76 ℄ ROUTE 66 = STA. 2+51.47 ℄ MONROE AVE N
STA. 219+14.38 ℄ ROUTE 66 = STA. 0+00.00 ℄ MONROE AVE S

MATCHLINE STA. 216+40.00
MATCHLINE STA. 221+80.00
MATCHLINE
MATCHLINE

SECTION LINE
SECTION LINE
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESMT.
+39.53 29.50'
+58.43 34.33'
+81.97 34.50'
+58.56 48.31'
+82.13 48.07'

367.1
MISSOURI & NORTHERN ARKANSAS RAILROAD (MNA)
SEE SHEET 16
EXIST. RR R/W

364
BRUCE JEFFREY D & MARIA F
NO AQUISITION

365
COLLINS FAMILY TR
NO AQUISITION

℄ MONROE AVENUE S
S01°53'47"W

363
MADDEN JASON P & SANDRA G
NO AQUISITION

NE 1/4, NW 1/4
S9 T27N R33W

362
LILAC HOLDING INC
NO AQUISITION

PI 224+87.22
PC 218+19.72
PT 231+53.75
Δ 5°20'9.9" (RT)
D 0°24'0.0"
L 1,334.03' (ARC)
T 667.50'
R 14,323.97'

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 4 OF 10

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025
ROUTE 66
STATE MO
DISTRICT SW
SHEET NO. 18
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

SCALE
0 20 40 60

325
SOLO TERRA
SEE SHEET 18

326
J&L PROPERTY INVESTMENT
544 SF PERM. SIDEWALK & UTILITY ESMT.
2,751 SF TEMP. CONST. ESMT.
3.25 AC REMAINING
ONE ENTRANCE CLOSURE

326.1
MISSOURI & NORTHERN
ARKANSAS RAILROAD (MNA)
48 SF PERM. SIDEWALK & UTILITY ESMT.
119 SF TEMP. CONST. ESMT.

327
DANIELS RICHARD
100 SF NEW R/W
149 SF PERM. SIDEWALK & UTILITY ESMT.
413 SF TEMP. CONST. ESMT.
0.45 AC REMAINING

℄ MCKINLEY AVENUE N
S01°59'10"W
START STA 0+00.00
STA. 221+80.00
STA. 227+20.00
℄ ROUTE 66
225
EXIST. R/W
EXIST. POLE LINE PERMIT
EXIST. ELECTRIC CLEARING ESMT.
TEMP. CONST. ESMT.
EXIST. ELECTRIC ESMT.
PERM. SIDEWALK & UTILITY ESMT.
NEW R/W
+29.31 43.15'
+28.74 34.14'
+89.29 43.97'
+88.59 32.00'
+88.55 31.40'
+63.09 43.97'
+63.11 37.00'
+94.86 30.00'
+94.93 32.00'
+95.13 37.00'
+02.67 32.00'
+02.67 35.00'
+22.63 35.00'
+22.63 32.00'
+13.39 37.00'
+13.59 43.48'
+13.85 52.00'
+47.45 37.00'
+50.56 32.00'
+51.84 30.00'
+71.11 37.00'
+74.49 32.00'
+75.87 30.00'
+13.24 32.00'
+13.18 30.00'
93°31'10" (TAN)
STA. 222+56.54 ℄ ROUTE 66=
STA. 0+89.30 ℄ MCKINLEY AVENUE N
STA. 222+46.04 ℄ ROUTE 66 =
0+00.00 ℄ MCKINLEY AVENUE S
STA 225+77.00 ℄ ROUTE 66 =
STA. 0+00.00 ℄ ROOSEVELT AVENUE
92°10'10" (TAN)
86°28'16" (TAN)
PERM. SIDEWALK & UTILITY ESMT.
TEMP. CONST. ESMT.
+11.72 34.50'
+11.71 47.77'
+74.88 34.50'
+74.89 51.67'
+43.72 29.50'
+51.79 34.50'
+51.79 30.00'
+06.70 32.00'
+05.59 39.78'
+05.51 42.00'
329 PERM. SIDEWALK & UTILITY ESMT.
BRIDGEWATER REAL ESTATE INVESTMENTS
24 SF PERM. SIDEWALK & UTILITY ESMT.
1,015 SF TEMP. CONST. ESMT.
0.07 AC REMAINING
TWO ENTRANCE CLOSURES
367.1 MISSOURI & NORTHERN ARKANSAS RAILROAD (MNA)
SEE SHEET 16
SECTION LINE
℄ RAILROAD
EXIST. RR R/W
EXIST. RR R/W
361
GARCIA ALDO
NO AQUISITION
362
LILAC HOLDING INC
SEE SHEET 18
360
GRATTON NICK & TIFFANY
NO AQUISITION
359
BEELER THAD D & TERI L
NO AQUISITION
℄ MCKINLEY AVENUE S
S01°57'13"W
ALLEY
℄ ROOSEVELT AVENUE
S01°55'04"W
PI 224+87.22
PC 218+19.72
PT 231+53.75
Δ 5°20'9.9" (RT)
D 0°24'0.0"
L 1,334.03' (ARC)
T 667.50'
R 14,323.97'
NE 1/4, NW 1/4
S9 T27N R33W

RIGHT OF WAY SHEET
SHEET 5 OF 10

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516
DATE PREPARED 10/6/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 19
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.
DESCRIPTION
DATE
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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PI 224+87.22
PC 218+19.72
PT 231+53.75
Δ 5°20'9.9" (RT)
D 0°24'0.0"
L 1,334.03' (ARC)
T 667.50'
R 14,323.97'

SW 1/4, SE 1/4
S4 T27N R33W

330
INNOVATIVE SOLUTION
674 SF PERM. SIDEWALK & UTILITY ESMT.
3,682 SF TEMP. CONST. ESMT.
1.11 AC REMAINING

330.1
MISSOURI & NORTHERN ARKANSAS RAILROAD (MNA)
63 SF PERM. SIDEWALK & UTILITY ESMT.
410 SF TEMP. CONST. ESMT.
ONE ENTRANCE CLOSURE

331
STURGIS CAPITAL
427 SF PERM. SIDEWALK & UTILITY ESMT.
2,806 SF TEMP. CONST. ESMT.
1.10 AC REMAINING

℄ OLIVER AVENUE S02°02'54"W

MATCHLINE STA. 227+20.00

EXIST. R/W

EXIST. ELECTRIC CLEARING ESMT.

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

230

PT STA 231+53.75

MATCHLINE STA. 232+60.00

STA. 227+42.27 ℄ ROUTE 66 =
STA. 4+80.84 ℄ OLIVER AVENUE

91°38'20" (TAN)

℄ ROUTE 66

STA. 230+73.38 ℄ ROUTE 66 =
STA. 0+00.00 ℄ WILLARD AVENUE

90°19'27" (TAN)

S87°56'40"E

PERM. SIDEWALK & UTILITY ESMT.

EXIST. R/W

358
AFFORDABLE MOTOR SPORTS
482 SF PERM. SIDEWALK & UTILITY ESMT.
5,839 SF TEMP. CONST. ESMT.
0.41 AC REMAINING

TEMP. CONST. ESMT.

EXIST. RR R/W

SECTION LINE

329
BRIDGEWATER REAL ESTATE INVESTMENTS
SEE SHEET 19

357
FORREST MICHAEL & NELVA
100 SF PERM.SIDEWALK & UTILITY ESMT.
1,207 SF TEMP. CONST. ESMT.
0.14 AC REMAINING

℄ RAILROAD

367.1
MISSOURI & NORTHERN ARKANSAS RAILROAD (MNA)
SEE SHEET 16

¼ SECTION LINE

℄ WILLARD AVENUE S02°03'29"W

353
PARCS
992 SF PERM. SIDEWALK & UTILITY ESMT.
4,481 SF TEMP. CONST. ESMT.
2.48 AC REMAINING

EXIST. ELECTRIC ESMT.

END STA 1+58.17

NW 1/4, NE 1/4
S9 T27N R33W

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 6 OF 10

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 20
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185B\plan_sheets\5 Right of Way\020_RW_06_J7S2185B_120.dgn 2:32:15 PM 8/8/2025

EXIST. R/W

331
STURGIS CAPITAL
SEE SHEET 20

℄ ADELE AVE

S02°03'13"W

EXIST. R/W

SW 1/4, SE 1/4
S4 T27N R33W

333
PHAM TRUC J
381 SF PERM. SIDEWALK & UTILITY ESMT.
3,431 SF TEMP. ESM'T (CONSTRUCTION)
1.43 AC REMAINING
ONE ENTRANCE CLOSURE

235

EXIST. R/W

332
RTB INVESTMENTS
380 SF PERM. SIDEWALK & UTILITY ESMT.
3,419 SF TEMP. ESM'T (CONSTRUCTION)
0.68 AC REMAINING
ONE ENTRANCE CLOSURE

MATCHLINE STA. 232+60.00

TEMP. CONST. ESMT.
+54.02 32.00' +54.02 45.00' +54.02 30.00'
+14.02 30.00' +14.02 32.00' +14.02 50.00'
EXIST. POLE LINE PERMIT
+04.62 42.00' +04.62 50.00' +04.63 32.00' +04.63 30.00'
TEMP. CONST. ESMT.
+94.59 30.00' +94.59 32.00' +94.58 50.00'

EXIST. R/W
PERM. SIDEWALK & UTILITY ESMT.
EXIST. R/W
PERM. SIDEWALK & UTILITY ESMT.
EXIST. R/W
PERM. SIDEWALK & UTILITY ESMT.

89°59'54"

STA. 233+84.03 ℄ ROUTE 66 =
STA. 4+92.99 ℄ ADELE AVE

℄ ROUTE 66
S87°56'40"E

STA. 237+91.12 ℄ ROUTE 66 =
STA. 0+00.00 ℄ TYLER AVENUE S

90°2'33"

MATCHLINE STA. 238+00.00

EXIST. R/W
EXIST. ELECTRIC CLEARING ESMT.
+11.05 44.03'
+40.96 44.65'
+59.85 37.00'
+59.85 56.00'
TEMP. CONST. ESMT.
+60.99 45.06'
+10.60 56.00' +10.60 37.00'
PERM. SIDEWALK & UTILITY ESMT.
EXIST. ELECTRIC CLEARING ESMT.
+36.19 48.65'
+99.16 32.00' +99.13 37.00' +99.17 31.00' +99.17 30.00' +27.98 31.00' +27.98 45.00'
PERM. SIDEWALK & UTILITY ESMT.
EXIST. R/W
+57.63 31.00' +62.75 45.00' +62.74 32.00' +62.74 30.00'
EXIST. ELECTRIC CLEARING ESMT.
TEMP. CONST. ESMT.
+61.16 45.00' +61.15 32.00' +61.14 30.00'
SECTION LINE
SECTION LINE

353
PARCS
SEE SHEET 20

NW 1/4, NE 1/4
S9 T27N R33W

EXIST. ELECTRIC ESMT.

352
AAJ
66 SF PERM. SIDEWALK & UTILITY ESMT.
484 SF TEMP. CONST. ESMT.
2.45 AC REMAINING

351
LUONG KHAM & THUONG NGUYEN
197 SF PERM. SIDEWALK & UTILTIY ESMT.
1,279 SF TEMP. CONST. ESMT.
0.39 AC REMAINING

EXIST. R/W

℄ TYLER AVENUE S
S02°00'47"W

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 7 OF 10

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	21

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SW 1/4, SE 1/4
S4 T27N R33W

335
LIBERTY ENTERPRISE GROUP
378 SF PERM. ESMT. (DRAINAGE)
918 SF PERM. SIDEWALK & UTILITY ESMT.
9,797 SF TEMP. CONST. ESMT.
11.59 AC REMAINING
THREE ENTRANCE CLOSURES

EXIST. R/W

¼ ¼ SECTION LINE

240

336
OX
% CEDAR TREE MANAGEMENT
325 SF PERM. ESMT. (DRAINAGE)
264 SF PERM. SIDEWALK & UTILITY ESMT.
4,090 SF TEMP. CONST. ESMT.
0.78 AC REMAINING

SE 1/4, SE 1/4
S4 T27N R33W

335
LIBERTY ENTERPRISE GROUP
SEE SHEET 22

℄ TYLER AVENUE N
S01°56'43"W

MATCHLINE STA. 238+00.00

+54.59 32.00'
+54.58 51.00'
+54.59 30.04'
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESMT.
EXIST. R/W
+14.96 30.25'
+14.95 35.25'
PERM. DRAINAGE ESMT.
+79.58 30.34'
+79.58 32.00'
+79.63 51.00'
+79.64 56.00'
TEMP. CONST. ESMT.
+84.59 35.34'
+84.60 30.34'
PERM. DRAINAGE ESMT.
+90.01 30.48'
+90.00 35.48'
+50.06 30.56'
+50.06 32.00'
+50.01 56.00'
+50.02 51.00'
+50.05 35.56'
+61.00 35.55'
+61.00 30.55'
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESMT.
EXIST. R/W

89°53'23"
90°6'37"
STA. 238+24.81 ℄ ROUTE 66 =
STA. 1+49.16 ℄ TYLER AVENUE N

℄ ROUTE 66
S87°56'40"E

STA 242+90.30 ℄ ROUTE 66 =
STA. 0+00.00 ℄ CUNNINGHAM AVENUE

MATCHLINE STA. 243+40.00

90°0'0"
EXIST. ELECTRIC CLEARING ESMT.
TEMP. CONST. ESMT.

+21.15 32.00'
+21.15 34.13'
+21.16 45.00'
+21.14 30.00'
SECTION LINE
EXIST. ELECTRIC CLEARING ESMT.
+93.35 34.14'
TEMP. CONST. ESMT.
EXIST. R/W
PERM. SIDEWALK & UTILITY ESMT.
+23.95 30.00'
+44.94 45.00'
TEMP. CONST. ESMT.
EXIST. R/W
PERM. SIDEWALK & UTILITY ESMT.
SECTION LINE
+81.16 45.00'
+81.16 37.00'
+65.30 32.00'
+65.32 37.00'
+65.30 30.00'
+15.30 30.00'
+15.30 32.00'
+15.35 46.00'
+15.31 33.85'

℄ CUNNINGHAM AVENUE
S02°03'20"W

348
HIPPLE INVESTMENTS
SEE SHEET 23

EXIST. R/W
END STA 1+30.00

EXIST. R/W

350
ZIMMERMAN CURTIS L
408 SF PERM. SIDEWALK & UTILITY ESMT.
2,791 SF TEMP. CONST. ESMT.
5.41 AC REMAINING
TWO ENTRANCE CLOSURES

¼ ¼ SECTION LINE

349
SPIN ENTERTAINMENT X INC
480 SF PERM. SIDEWALK & UTILITY ESMT.
2,310 SF TEMP. CONST. ESMT.
0.63 AC REMAINING
TWO ENTRANCE CLOSURES

EXIST. R/W

NE 1/4, NE 1/4
S9 T27N R33W

SCALE
0 20 40 60

NW 1/4, NE 1/4
S9 T27N R33W

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 8 OF 10

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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SE 1/4, SE 1/4
S4 T27W R33W

335
LIBERTY ENTERPRISE GROUP
SEE SHEET 22

334
PIZZA PROPERTIES
193 SF PERM. SIDEWALK & UTILITY ESMT.
3,187 SF TEMP. CONST. ESMT.
0.37 AC REMAINING

337
CARING AMERICANS TRUST FOUNDATION INC
103 SF PERM. SIDEWALK & UTILITY ESMT.
1,182 SF TEMP. CONST. ESMT.
4.95 AC REMAINING

339
1641 WEST 7TH STREET
ATTN: JOSHUA & CARRIE CHAPMAN
246 SF PERM. ESMT. (DRAINAGE)
329 SF PERM. SIDEWALK & UTILITY ESMT.
1,862 SF TEMP. CONST. ESMT.
0.78 AC REMAINING

245

EXIST. 10' ELECTRIC ESMT.
EXIST. 15' SEWER ESMT.
EXIST. POLE LINE PERMIT
TEMP. CONST. ESMT.
EXIST. 15' UTILITY ESMT.
PERM. SIDEWALK & UTILITY ESMT.
EXIST. R/W
PERM. DRAINAGE ESMT.

+94.81 55.77'
+65.81 55.77'
+65.81 42.00'
+74.19 30.29'
+74.19 32.00'
+74.18 42.00'
+74.17 45.29'
+74.15 61.00'
+84.07 45.19'
+84.06 61.00'
+84.06 53.00'
+84.08 32.00'
+40.37 53.00'
+40.36 46.00'
+40.36 45.14'
+40.35 42.14'
+40.34 32.00'
+40.34 30.14'
+97.81 46.00'
+97.81 36.00'
+35.10 46.00'
+35.10 36.00'
+54.20 35.05'
+54.20 30.05'

MATCHLINE STA. 243+40.00

℄ ROUTE 66
S87°56'40"E

MATCHLINE STA. 248+80.00

SECTION LINE
TEMP. CONST. ESMT.
EXIST. ELECTRIC CLEARING ESMT.
PERM. SIDEWALK & UTILITY ESMT.
EXIST. R/W

+26.00 46.00' 39.50'
+75.45 33.83'
+75.47 39.50'
+75.44 32.00'
+75.43 30.00'
+24.72 39.50'
+24.72 48.00'
+50.47 30.00'
+50.48 33.84'
+50.54 48.00'
+50.48 32.00'
+80.19 48.00'
+80.19 38.00'
+25.71 48.00'
+25.71 38.00'
+50.59 48.00'
+50.54 33.79'
+59.76 47.91'
+50.53 32.00'
+59.66 36.91'
+50.52 30.00'
+66.62 49.91'
+66.48 35.91'

348
HIPPLE INVESTMENTS
520 SF PERM. SIDEWALK & UTILITY ESMT.
2,670 SF TEMP. CONST. ESMT.
1.25 AC REMAINING

346
J. HIPPLE INVESTMENTS
150 SF PERM. SIDEWALK & UTILITY ESMT.
782 SF TEMP. CONST. ESMT.
2.46 AC REMAINING

347
CLEAR LINK TELEPHONE CORP
200 SF PERM. SIDEWALK & UTILITY ESMT.
1,146 SF TEMP. CONST. ESMT.
0.48 AC REMAINING

345
AUTOZONE INC #337
335 SF PERM. SIDEWALK & UTILITY ESMT.
1,523 SF TEMP. CONST. ESMT.
0.74 AC REMAINING

TEMP. CONST. ESMT.
EXIST. ELECTRIC CLEARING ESMT.
EXIST. INGRESS/EGRESS ESMT.

NE 1/4, NE 1/4
S9 T27W R33W

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 9 OF 10

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 10/6/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 23
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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MATCHLINE STA. 248+80.00

339
1641 WEST 7TH STREET ATTN: JOSHUA & CARRIE CHAPMAN
SEE SHEET 23

SE 1/4, SE 1/4
S4 T27N R33W

340
KSJ INVESTMENTS
105 SF PERM. SIDEWALK & UTILITY ESMT.
1,806 SF TEMP. CONST. ESMT.
1.03 AC REMAINING

341
WG JOPLIN
746 SF R/W
2,869 SF TEMP. CONST. ESMT.
1.78 AC REMAINING

343
D L ROGER CORP
80 SF PERM. SIDEWALK & UTILITY ESMT.
614 SF TEMP. CONST. ESMT.
0.18 AC REMAINING

342
702 S. MAIDEN
1,038 SF NEW R/W
294 SF PERM. DRAINAGE ESMT.
150 SF PERM. SIDEWALK & UTILITY ESMT.
2,520 SF TEMP. CONST. ESMT.
0.69 AC REMAINING

344
SHORTMAN
400 SF PERM. SIDEWALK & UTILITY ESMT.
2,631 SF TEMP. CONST. ESMT.
0.88 AC REMAINING

345
AUTOZONE INC #337
SEE SHEET 23

NE 1/4, NE 1/4
S9 T27N R33W

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

℄ ROUTE 66
S87°56'40"E

℄ MAIDEN LANE
S01°56'20"W

END PROJECT J7S2185B & F
BEGIN PROJECT J7S2185C
STA.252+19.89 ℄ ROUTE 66

STA 253+47.80 ℄ ROUTE 66 =
STA 10+00.00 ℄ MAIDEN LANE

89°53'0"

SECTION LINE

EXIST. 10' ELECTRIC ESMT.
EXIST. 15' SEWER ESMT.
TEMP. ESMT. (CONST.)
PERM. DRAINAGE ESMT.
PERM. SIDEWALK & UTILITY ESMT.
EXIST. COMMUNICATION ESMT.
EXIST. SEWER ESMT.
EXIST. POLE LINE PERMIT
TEMP. ESMT. (CONST.)
EXIST. COMM. ESMT.
TEMP. CONST. ESMT.
EXIST. DRAINAGE DITCH & STORM SEWER ESMT.
EXIST. DRAINAGE ESMT.
EXIST. SEWER & DRAINAGE ESMT.
NEW R/W
TEMP. CONST. ESMT.
EXIST. R/W
PERM. SIDEWALK & UTILITY ESMT.
TEMP. CONST. ESMT.
EXIST. ELECTRIC CLEARING ESMT.
EXIST. DRAINAGE DITCH ESMT.
PERM. DRAINAGE ESMT.
EXIST. 10' WATER ESMT.
EXIST. ELECTRIC CLEARING ESMT.
NEW R/W
TEMP. CONST. ESMT.

+03.31 35.01'
+03.30 30.01'
+07.08 32.00'
+10.60 30.00'
+10.61 32.17'
+17.81 30.00'
+17.81 32.00'
+17.82 36.25'
+17.86 49.43'
+17.82 33.75'
+10.61 46.00'
+10.62 48.65'
+10.61 45.00'
+10.61 42.00'
+59.42 48.65'
+59.42 38.65'
+90.78 38.65'
+90.78 55.14'
+45.66 55.14'
+45.65 67.59'
+07.45 36.91'
+45.67 39.63'
+83.26 48.81'
+83.16 38.81'
+49.73 38.18'
+49.82 48.18'
+07.22 67.59'
+99.89 43.50'
+07.22 46.46'
+45.29 43.50'
+46.99 46.43'
+57.81 47.17'
+57.81 51.00'
+85.29 43.50'
+86.97 46.41'
+01.66 43.50'
+03.34 46.40'
+23.06 43.50'
+23.06 46.39'
+46.84 60.00'
+61.36 60.00'
+73.49 62.97'
+68.90 80.96'
+83.67 81.20'
+68.02 115.04'
+97.35 115.80'
+69.45 60.00'
+80.36 68.01'
+46.97 43.50'
+17.82 40.00'
+17.79 30.00'
+17.80 32.00'
+17.84 47.54'
+57.78 30.00'
+57.78 32.00'
+80.00 35.00'
+80.00 30.00'
+32.92 32.00'
+32.92 30.00'
+52.83 35.00'
+59.81 36.05'
+64.51 40.00'
+78.37 30.00'
+02.82 54.18'
+62.06 51.00'
+85.36 57.52'
+02.93 93.71'
+02.95 98.06'

EXIST. R/W

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	24

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

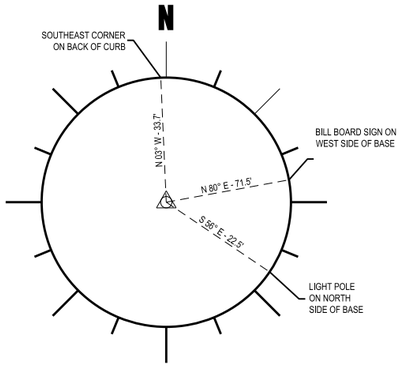
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

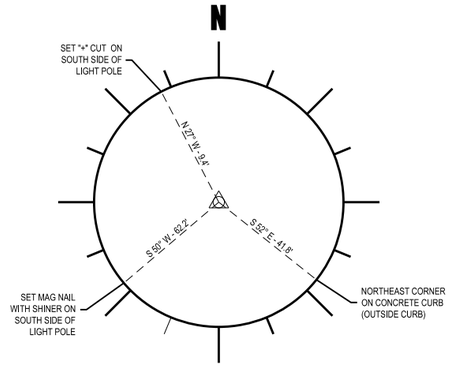
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

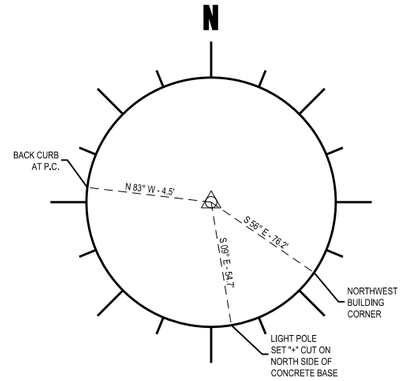
RIGHT OF WAY SHEET
SHEET 10 OF 10



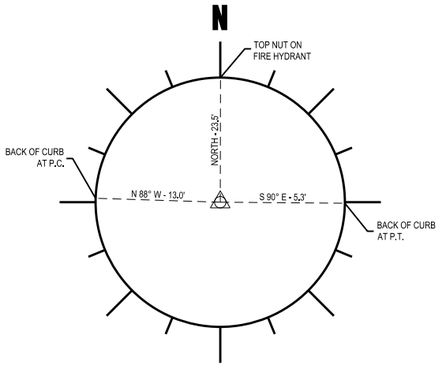
CP#5050 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 991.08



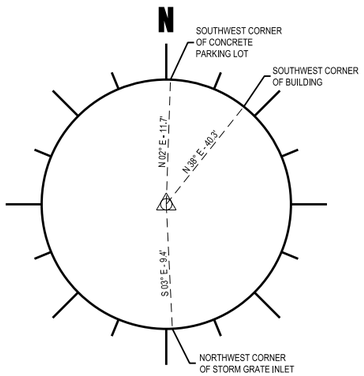
CP#5046 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 975.37



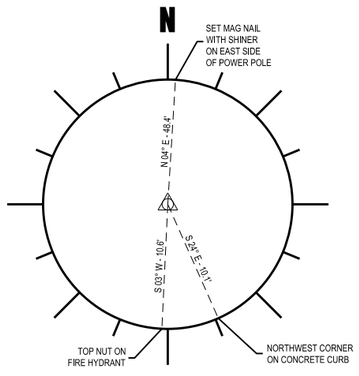
CP#5033 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1017.85



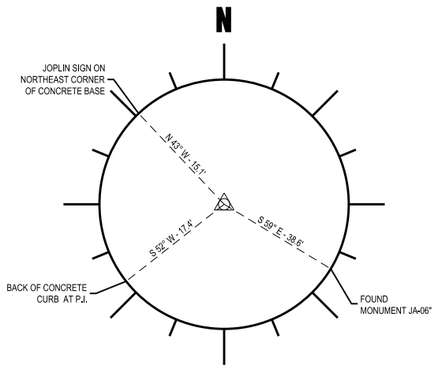
CP#5201- SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP
ELEVATION = 1040.68



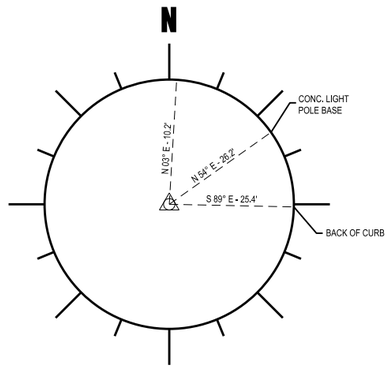
CP#5021- SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1055.94



CP#5017 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1055.15



CP#5038 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1059.92



CP#5213- SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1032.71

REFERENCE POINT SHEET
SHEET 1 OF 1

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	25

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES, MULTIPY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION	
COORDINATE SYSTEM	STATE PLANE, MISSOURI WEST
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD 1988
GEOID MODEL	JASPER COUNTY
ELEVATIONS DETERMINED BY	GPS OBSERVATIONS
PROJECT PROJECTION FACTOR	1.00010426

REFERENCE CONTROL INFORMATION	
COORDINATE SYSTEM	NAD 1983
CONTROL STATION	JS 008
DESIGNATION	JS 008
CORS_ID	
PID	HE1217
LATITUDE	37°05'05.64185"
LONGITUDE	94°33'21.85305"
NORTHING (M)	101892.4830
EASTING (M)	845014.9370
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99989575

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #GPS 5213
N 334037.93 X 0.99989575 = N 334003.1065
E 2774742.40 X 0.99989575 = E 2774453.133

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
BENCHMARK MARK POINTS								
4	201+66.15	RTE 66	186.27 RT	334,037.93	2,774,742.40	1,032.71	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5213
9	230+99.73	RTE 66	53.50 RT	334,219.70	2,777,674.58	1,040.68	SET 1/2" REBAR AND ALUM. CTL. PT. CAP	GPS #5201
	257+23.78	RTE 66	74.38 RT	334,104.83	2,780,296.00	1,017.85	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5033
PROJECT CONTROL POINTS								
	9+31.82	RTE 66	41.29 LT	334,028.39	2,786,153.75	991.08	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5050
	29+95.17	RTE 66	192.61 LT	334,153.01	2,788,218.84	975.37	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5046
	59+11.54	RTE 66	66.97 LT	333,993.40	2,791,133.06	1,055.94	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5021
	7+31.46	RTE 66	58.56 LT	333,969.67	2,793,792.12	1,055.15	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5017
	24+49.39	RTE 66	140.84 RT	333,950.62	2,795,497.77	1,059.92	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5038
ALIGNMENTS								
* ROUTE 66								
4	201+22.90	CL		334224.6581	2774701.1505		BEGIN CHAIN ROUTE 66	
5	209+19.96	CL		334216.1099	2775498.1618		PC POINT	
5	210+74.81	CL		334214.4492	2775653.0012		PI POINT	
		CL		338769.5980	2775546.9995		CC POINT	
6	212+29.53	CL		334223.3106	2775807.5958		PT POINT	
7	218+19.72	CL		334257.0851	2776396.8156		PC POINT	
8	224+87.22	CL		334295.2837	2777063.2176		PI POINT	
		CL		319956.5891	2777216.5297		CC POINT	
9	231+53.75	CL		334271.3428	2777730.2839		PT POINT	
	269+98.81	CL		334133.4331	2781572.8664		PI POINT	
WALNUT AVE								
	210+01.74	CL		334498.8612	2775580.1675		BEGIN CHAIN WALMART DRIVE	
	3+19.39	CL		334396.5743	2775579.0510		PC POINT	
	3+42.08	CL		334373.8868	2775578.8033		PI POINT	
5	3+64.77	CL		334351.1985	2775578.9675		PT POINT	
5	5+00.00	CL		334215.9672	2775579.9459		END CHAIN	
WINFIELD DR								
6	0+00.00	CL		334482.2631	2776019.2915		BEGIN CHAIN WINFIELD DRIVE	
	2+47.51	CL		334234.9244	2776010.2057		END CHAIN WINFIELD DRIVE	
JEFFERSON AVE								
6	0+00.00	CL		334243.5417	2776160.5401		BEGIN CHAIN JEFFERSON AVE	
	4+14.83	CL		333828.9417	2776146.8134		END CHAIN JEFFERSON AVE	
MONROE AVE N								
	0+00.00	CL		334510.6431	2776445.2553		BEGIN CHAIN MONROE AVE N	
7	2+51.47	CL		334259.3204	2776436.7897		END CHAIN MONROE AVE N	
MONROE AVE S								
7	0+00.00	CL		334262.1899	2776491.3383		BEGIN CHAIN MONROE AVE S	
	4+39.02	CL		333823.4106	2776476.8111		END CHAIN MONROE AVE S	
MCKINLEY AVE S								
8	0+00.00	CL		334275.1449	2776822.7311		BEGIN CHAIN MCKINLEY AVE S	
	4+93.21	CL		333782.2190	2776805.9180		END CHAIN MCKINLEY AVE S	

* FOR PORTIONS OF ROUTE 66 ALIGNMENT OUTSIDE OF J7S3185B, SEE COORDINATE POINT SHEETS FOR RESPECTIVE PROJECT

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED: 8/8/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 26
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	STATE PLANE, MISSOURI WEST
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD 1988
GEOID MODEL	JASPER COUNTY
ELEVATIONS DETERMINED BY	GPS OBSERVATIONS
PROJECT PROJECTION FACTOR	1.00010426

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	NAD 1983
CONTROL STATION	JS 008
DESIGNATION	JS 008
CORS_ID	
PID	HE1217
LATITUDE	37°05'05.64185"
LONGITUDE	94°33'21.85305"
NORTHING (M)	101892.4830
EASTING (M)	845014.9370
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99989575

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
 = STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
 = STATE PLANE EASTING

EXAMPLE: CONTROL POINT #GPS 5213
N 334037.93 X 0.99989575 = N 334003.1065
E 2774742.40 X 0.99989575 = E 2774453.133

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION
ALIGNMENTS							
MCKINLEY AVE N							
8	0+00.00	CL		334364.6745	2776836.3220		BEGIN CHAIN MCKINLEY AVE N
8	0+89.30	CL		334275.4297	2776833.2273		BEGIN CHAIN MCKINLEY AVE S
ROOSEVELT AVE							
9	0+00.00	CL		334280.4211	2777135.7348		BEGIN CHAIN ROOSEVELT AVE
9	5+35.18	CL		333745.5390	2777135.7348		END CHAIN ROOSEVELT AVE
WILLARD AVE							
9	0+00.00	CL		334274.0000	2777649.9623		BEGIN CHAIN WILLARD AVENUE
9	1+58.17	CL		334115.9276	2777644.2816		END CHAIN WILLARD AVENUE
ADELE AVE							
	0+00.00	CL		334755.7539	2777978.0797		BEGIN CHAIN WILLARD AVENUE
10	4+92.99	CL		334263.0835	2777960.4132		END CHAIN WILLARD AVENUE
TYLER AVE S							
	0+00.00	CL		334248.4823	2778367.2480		BEGIN CHAIN TYLER AVE S
	5+02.16	CL		333746.6322	2778349.609		END CHAIN TYLER AVE S
TYLER AVE N							
	0+00.00	CL		334396.3467	2778405.9757		BEGIN CHAIN TYLER AVE N
	1+49.16	CL		334247.2741	2778400.9128		END CHAIN TYLER AVE N
CUNNINGHAM AVE							
	0+00.00	CL		334230.5785	2778866.1028		BEGIN CHAIN CUNNINGHAM AVE
	1+30.00	CL		334100.6621	2778861.4401		END CHAIN CUNNINGHAM AVE
MAIDEN LANE							
	5+75.00	CL		334617.4060	2779937.3026		BEGIN CHAIN MAIDEN LANE
	14+25.00	CL		333767.8926	2779908.5456		END CHAIN MAIDEN LANE

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 27
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

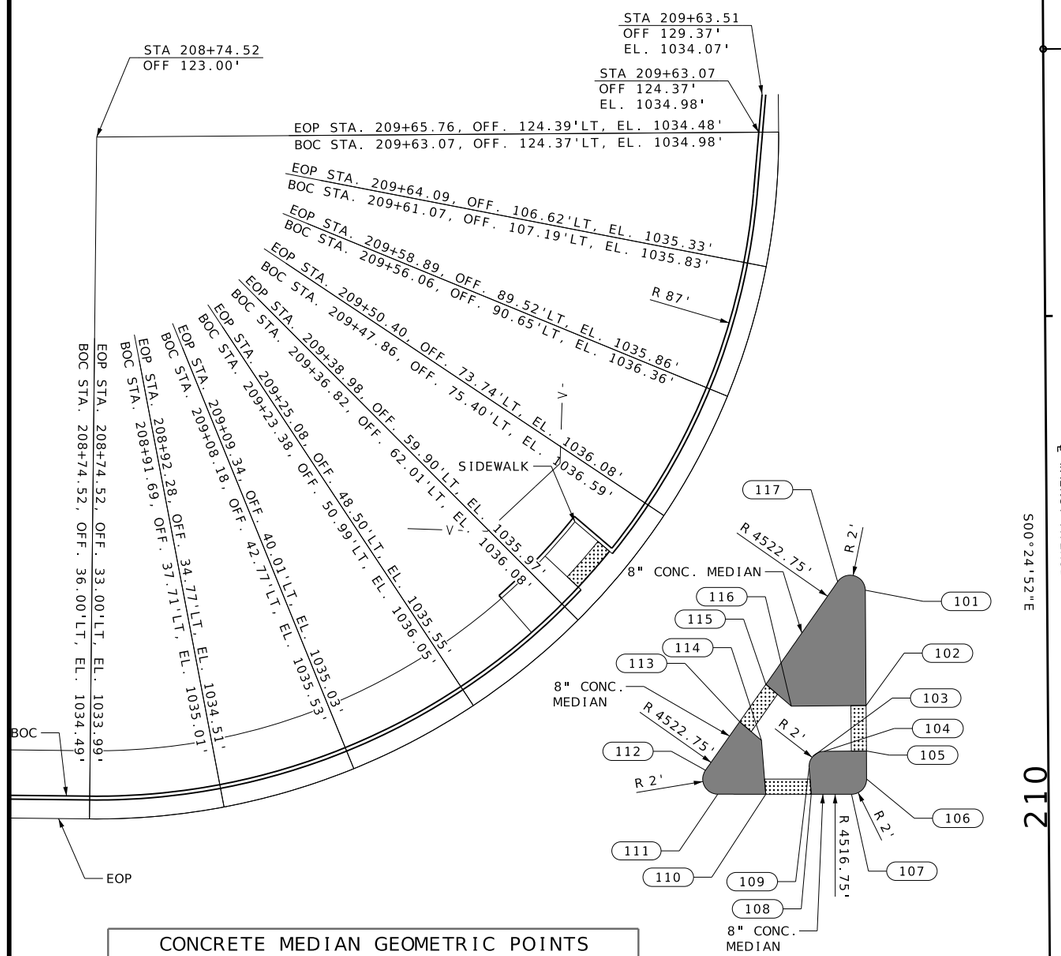
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

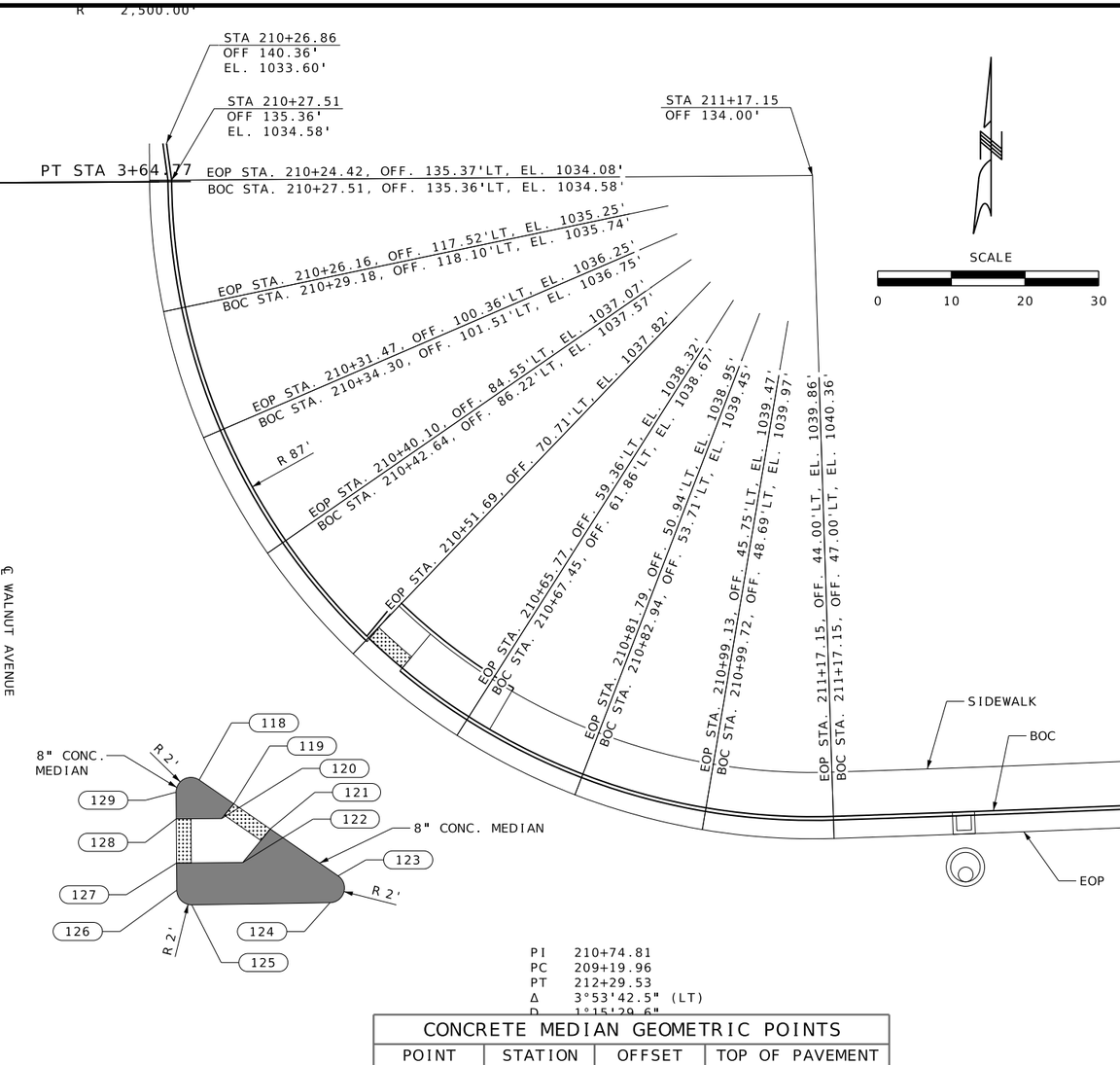
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

NOTE:
1. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT.

2. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX. SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS.





PI 210+74.81
PC 209+19.96
PT 212+29.53
Δ 3°53'42.5" (LT)
D 1°15'29.6"

CONCRETE MEDIAN GEOMETRIC POINTS

POINT NO.	STATION	OFFSET	TOP OF PAVEMENT ELEVATION
101	209+77.40	63.92' LT	1036.78'
102	209+77.48	48.70' LT	1036.84'
103	209+70.40	42.02' LT	1037.29'
104	209+71.88	42.66' LT	1036.66'
105	209+77.52	42.70' LT	1036.80'
106	209+77.53	39.01' LT	1036.78'
107	209+75.52	37.00' LT	1036.70'
108	209+70.16	37.00' LT	1036.56'
109	209+69.88	40.51' LT	1036.60'
110	209+64.11	37.00' LT	1036.40'
111	209+57.73	37.00' LT	1036.22'
112	209+56.08	40.15' LT	1036.21'
113	209+60.61	46.56' LT	1036.40'
114	209+63.53	44.11' LT	1036.46'
115	209+64.11	51.49' LT	1036.50'
116	209+67.51	48.63' LT	1036.59'
117	209+73.71	65.06' LT	1036.68'

CONCRETE MEDIAN GEOMETRIC POINTS

POINT NO.	STATION	OFFSET	TOP OF PAVEMENT ELEVATION
118	210+30.23	53.92' LT	1037.85'
119	210+34.93	50.62' LT	1037.90'
120	210+33.24	48.65' LT	1037.90'
121	210+39.89	47.13' LT	1037.98'
122	210+36.03	42.63' LT	1038.00'
123	210+49.08	40.63' LT	1038.38'
124	210+47.90	37.00' LT	1038.44'
125	210+28.98	37.00' LT	1037.96'
126	210+26.96	39.01' LT	1037.92'
127	210+26.98	42.69' LT	1037.91'
128	210+27.01	48.69' LT	1037.88'
129	210+27.03	52.30' LT	1037.85'

SCALE
0 10 20 30

SPECIAL SHEET
INTERSECTION LAYOUT
SHEET 1 OF 46

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

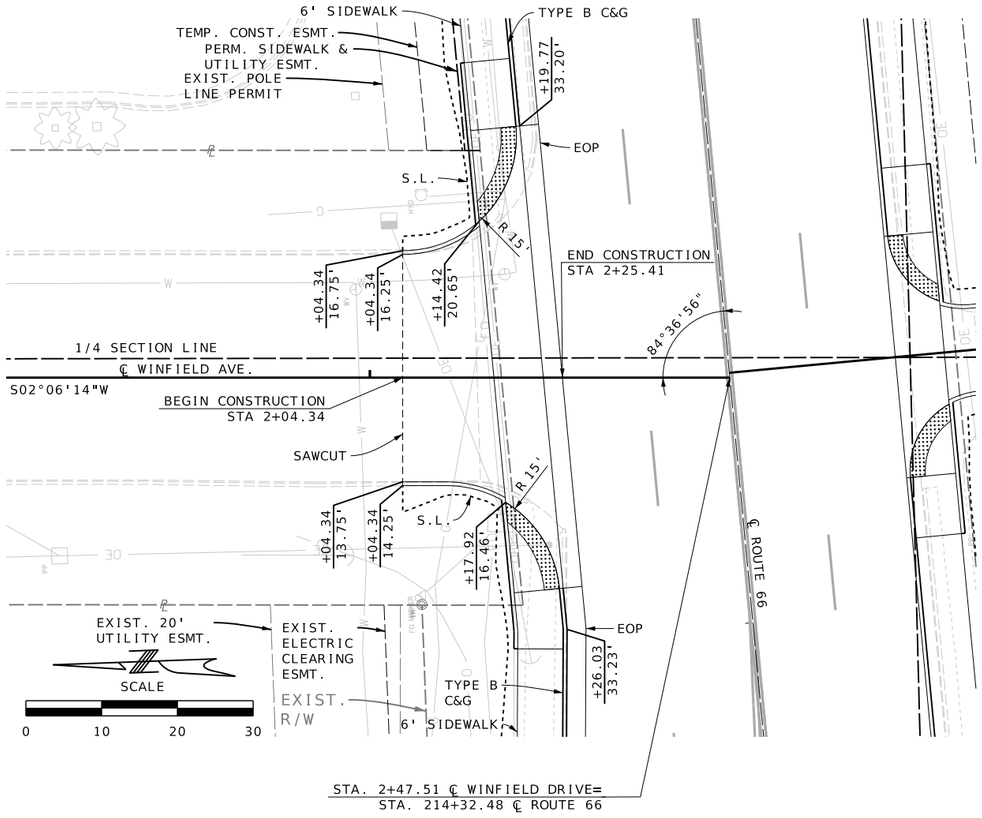
DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 28
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

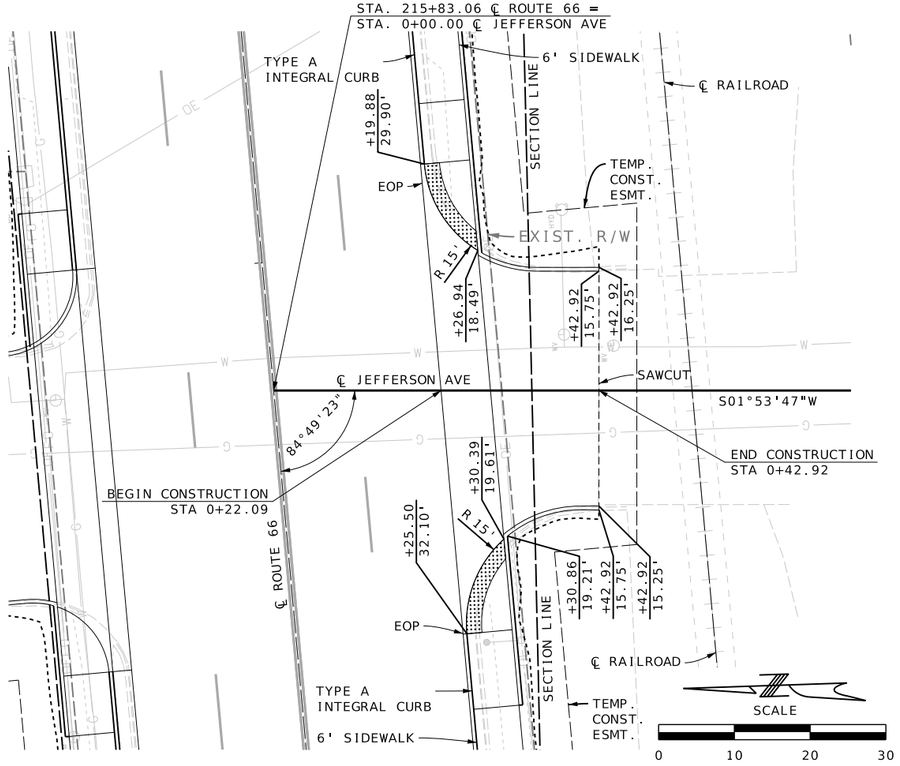
DATE	DESCRIPTION

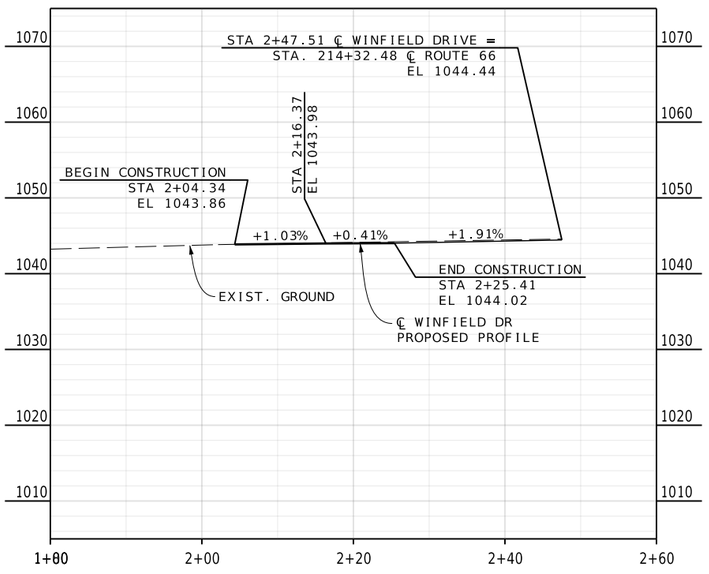
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

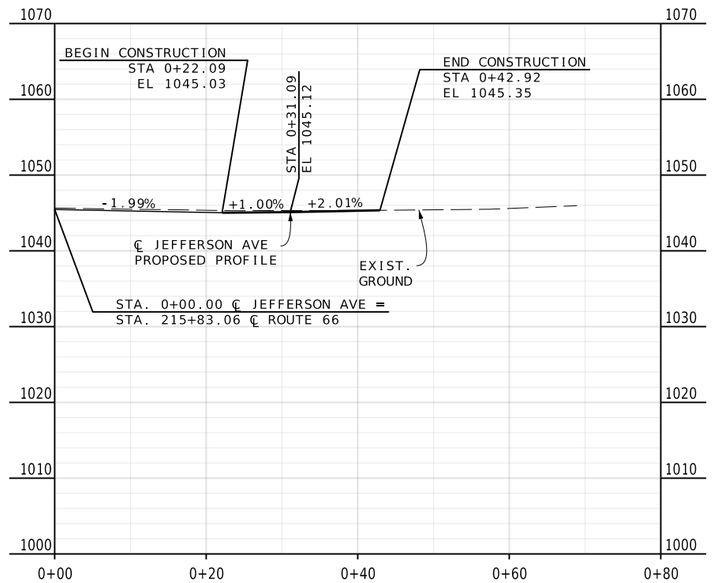
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	29

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

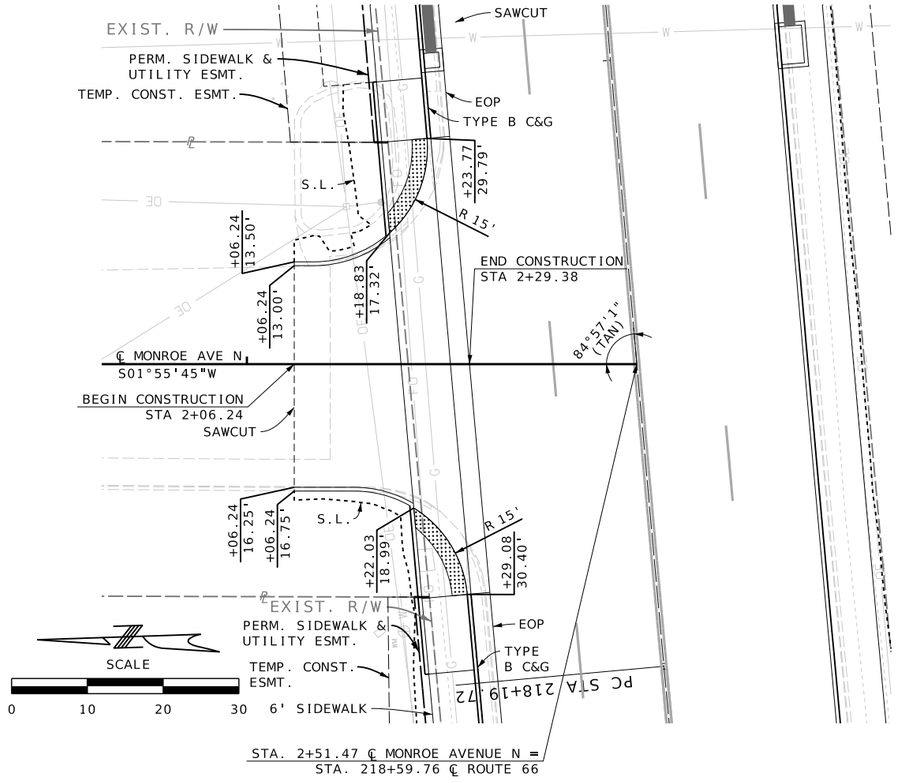
DESCRIPTION	DATE

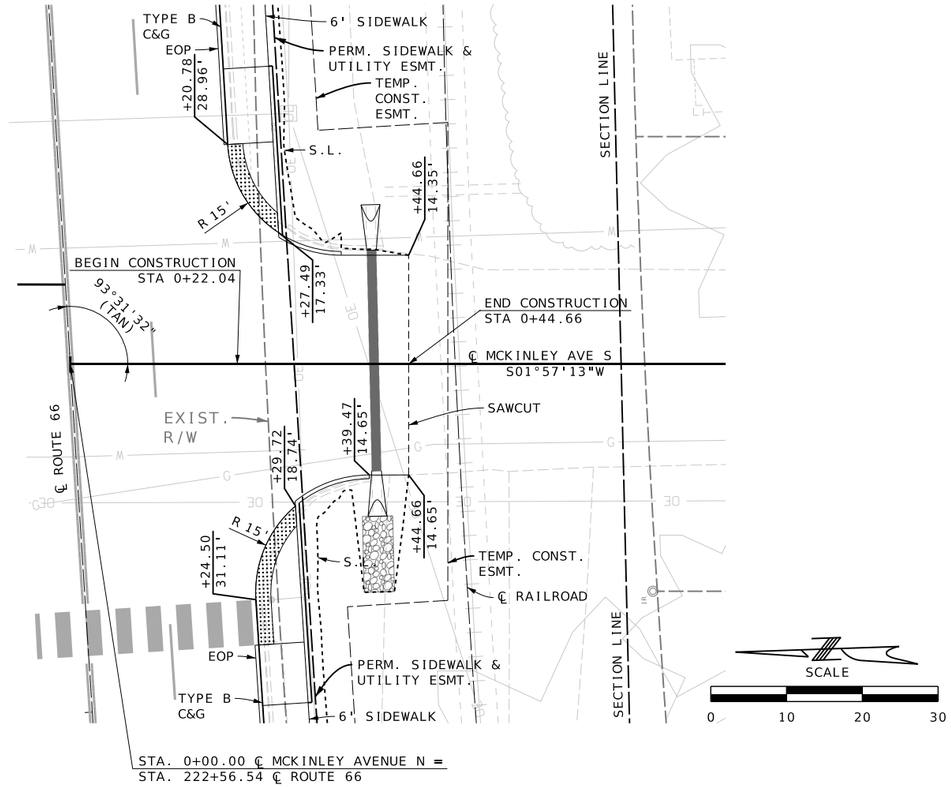
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

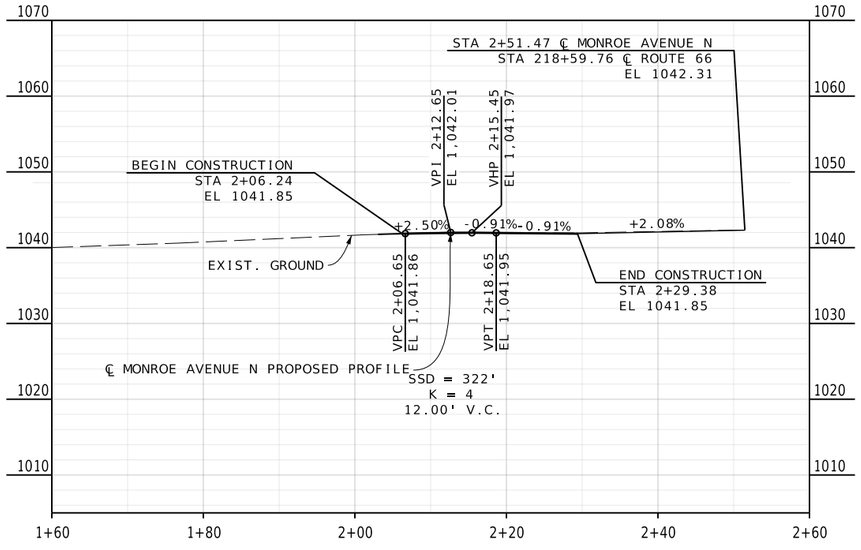
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

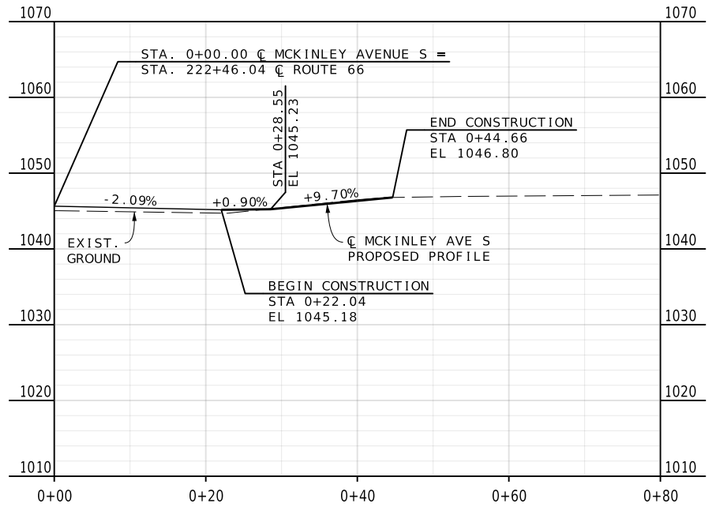
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
SIDE ROADS
SHEET 2 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	30

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

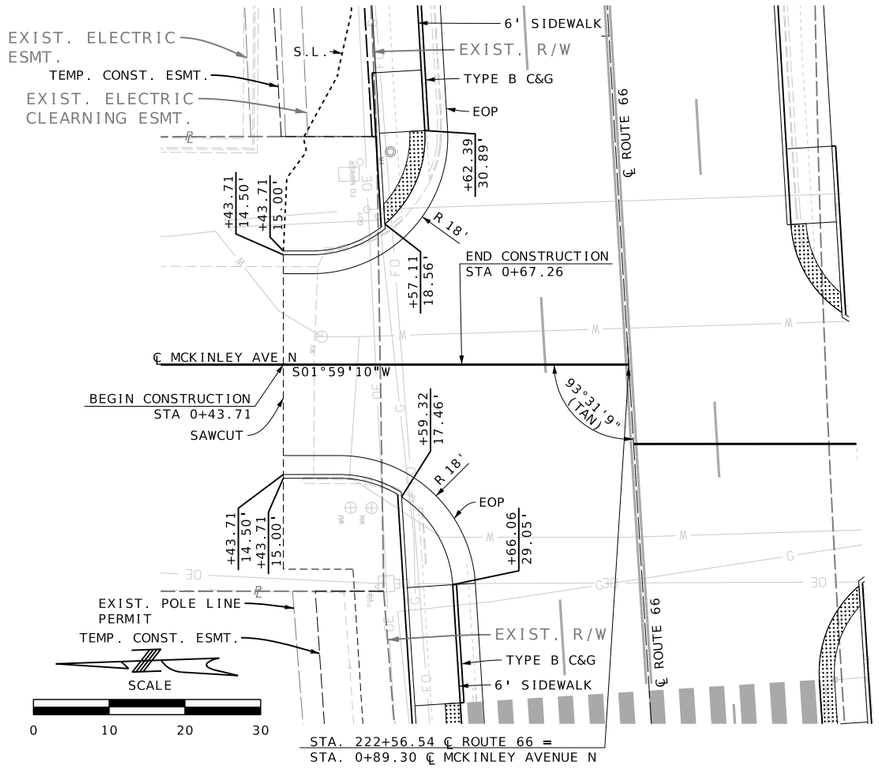
DATE	DESCRIPTION

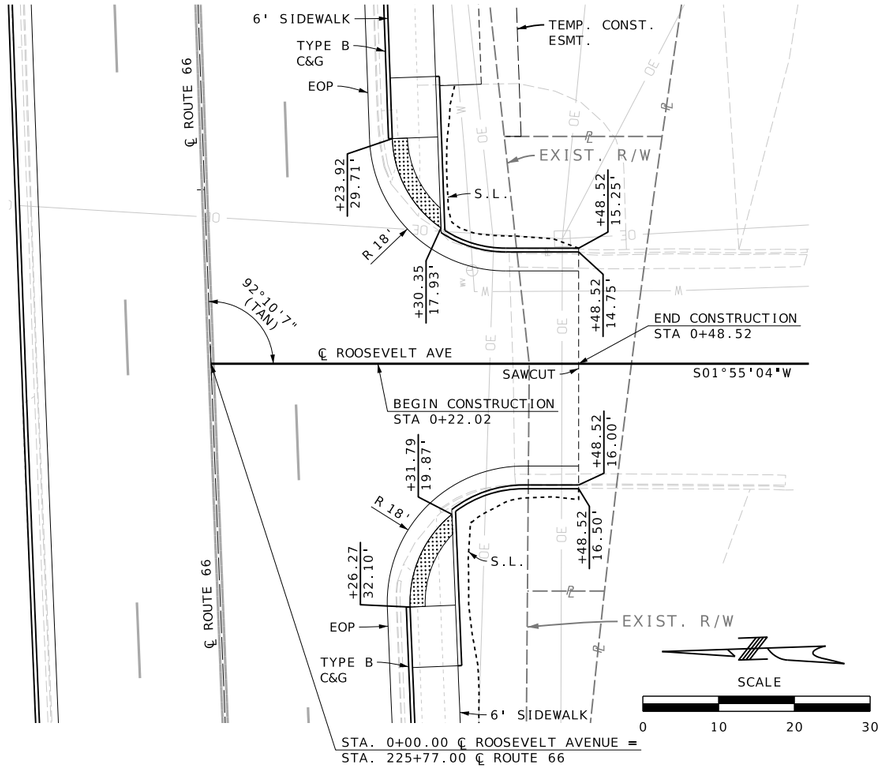
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

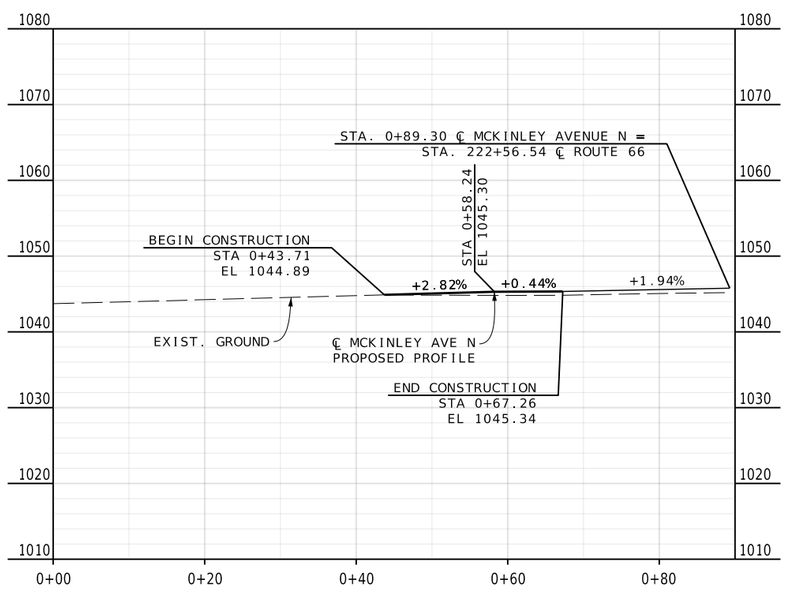
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

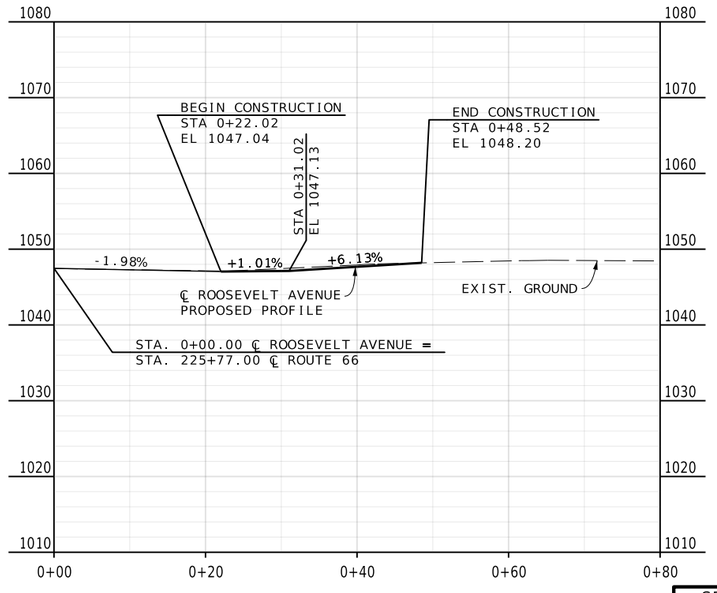
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
SIDE ROADS
SHEET 3 OF 46









REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	31

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

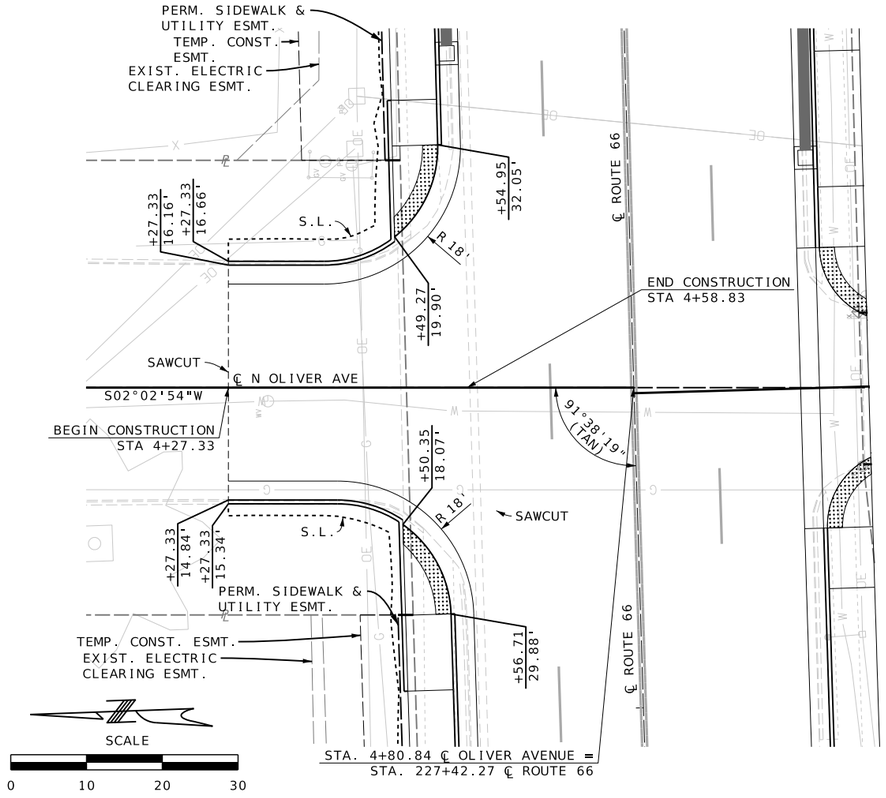
DATE	DESCRIPTION

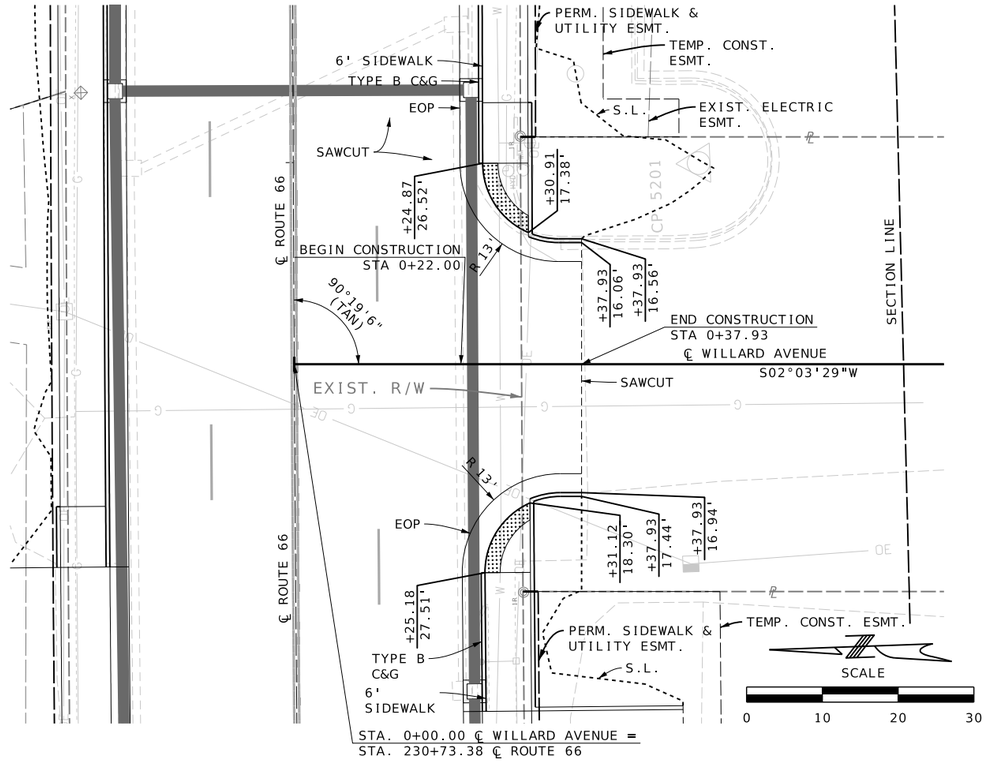
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

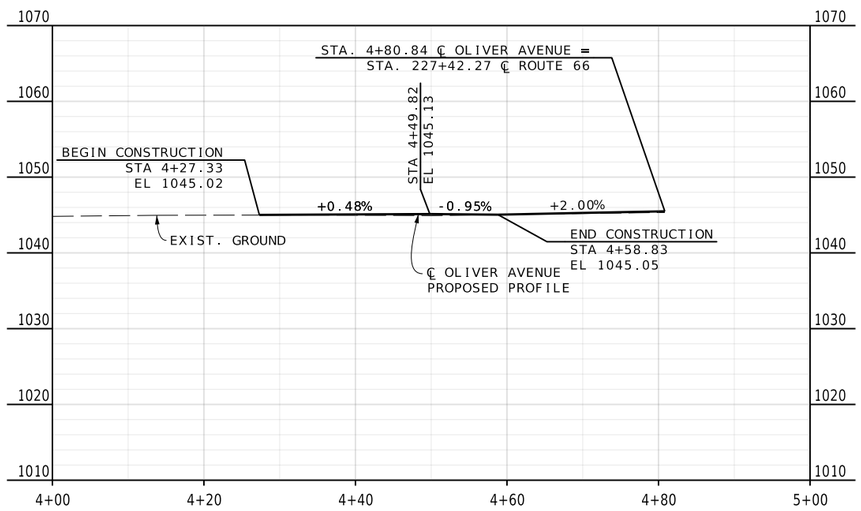
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

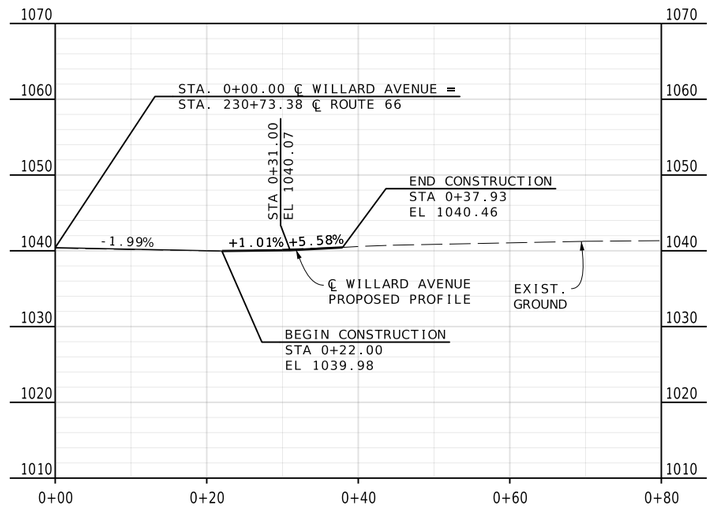
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
SIDE ROADS
SHEET 4 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	32

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

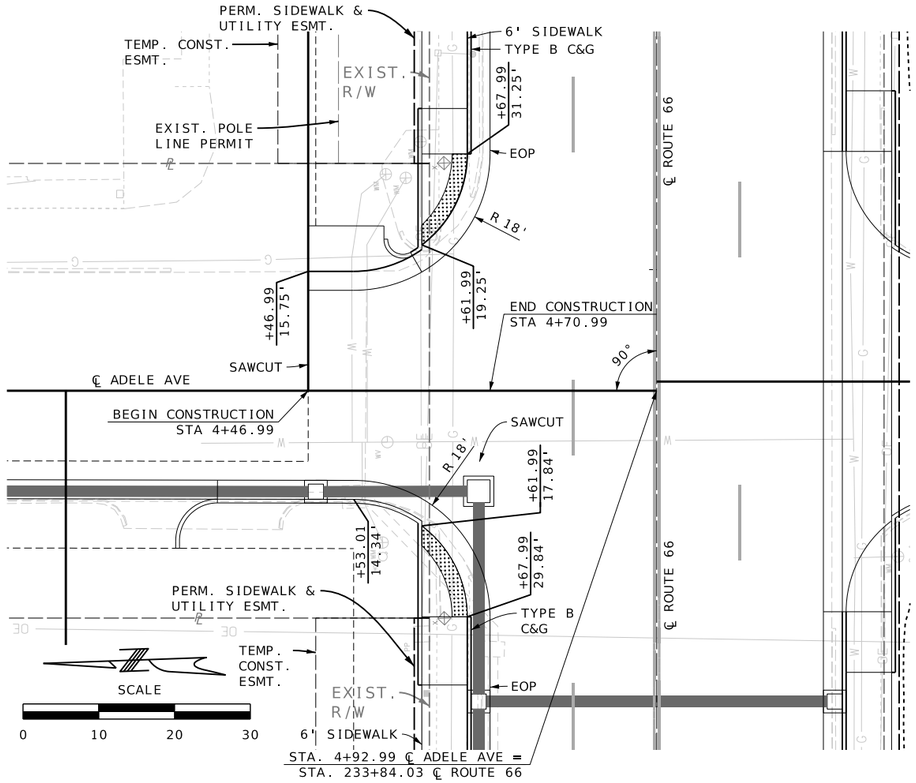
DATE	DESCRIPTION

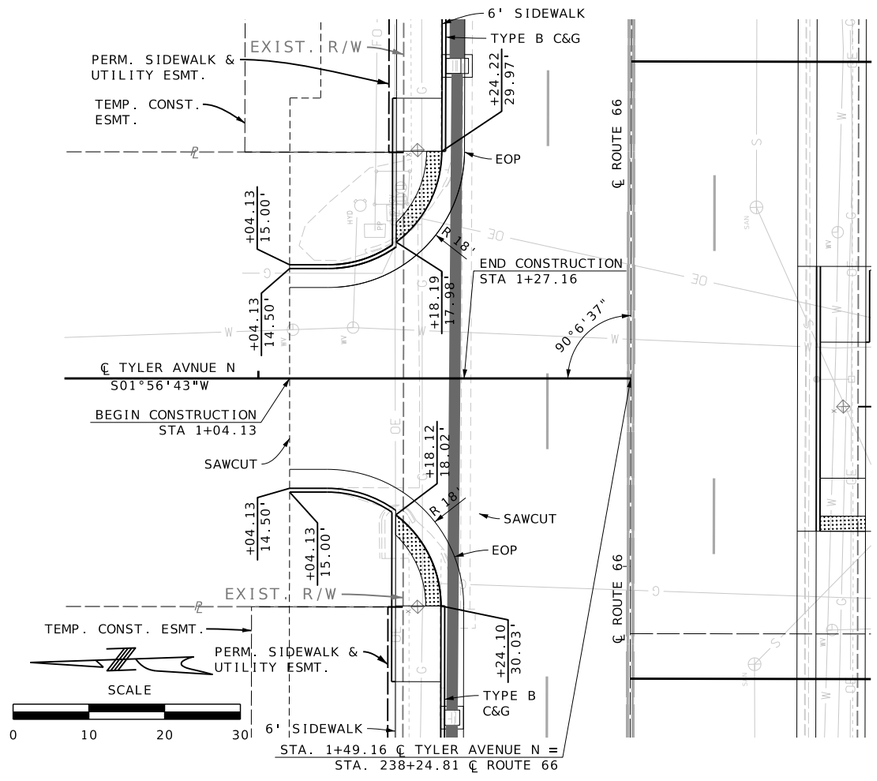
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

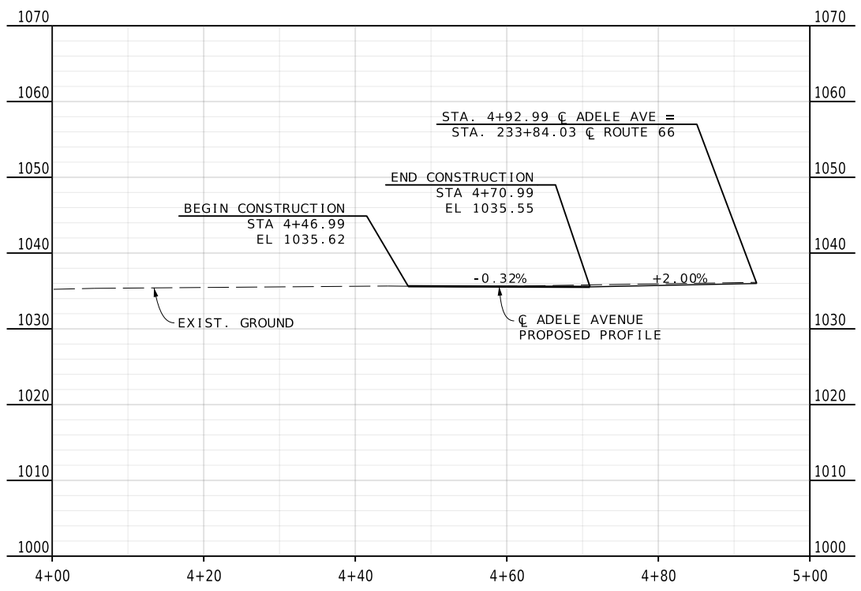
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

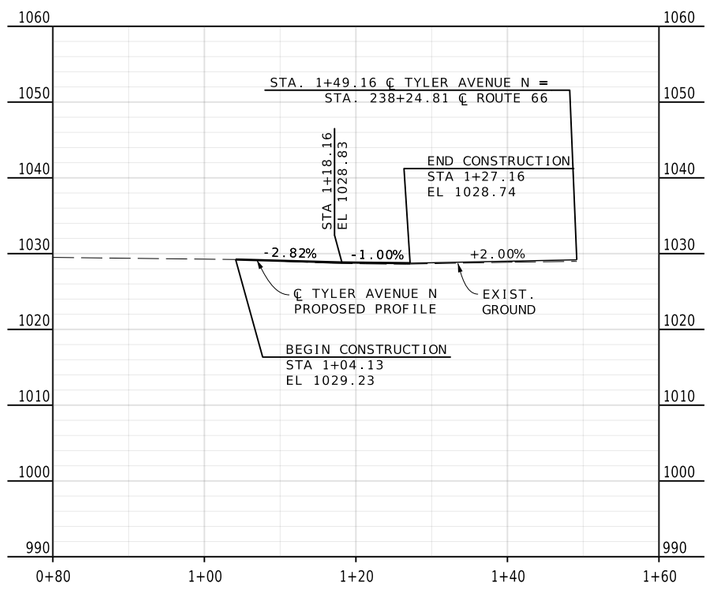
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
SIDE ROADS
SHEET 5 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	33

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

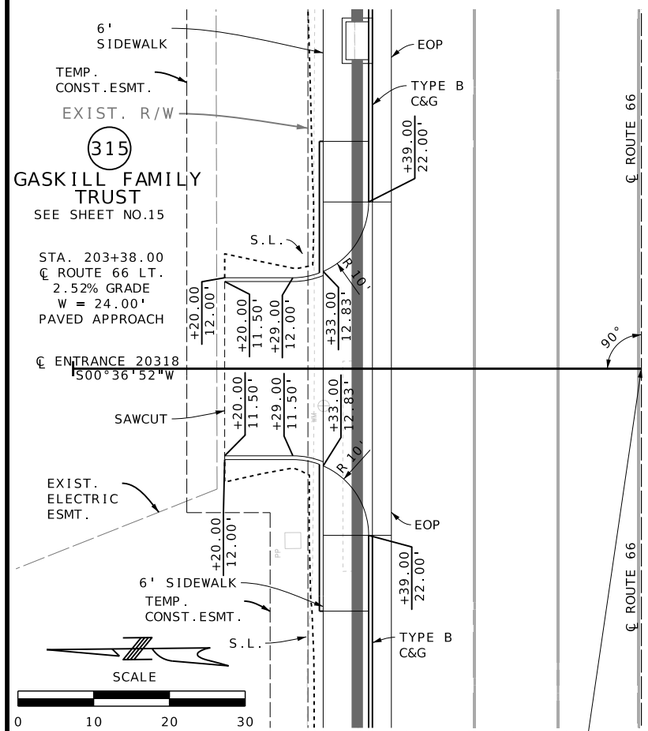
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

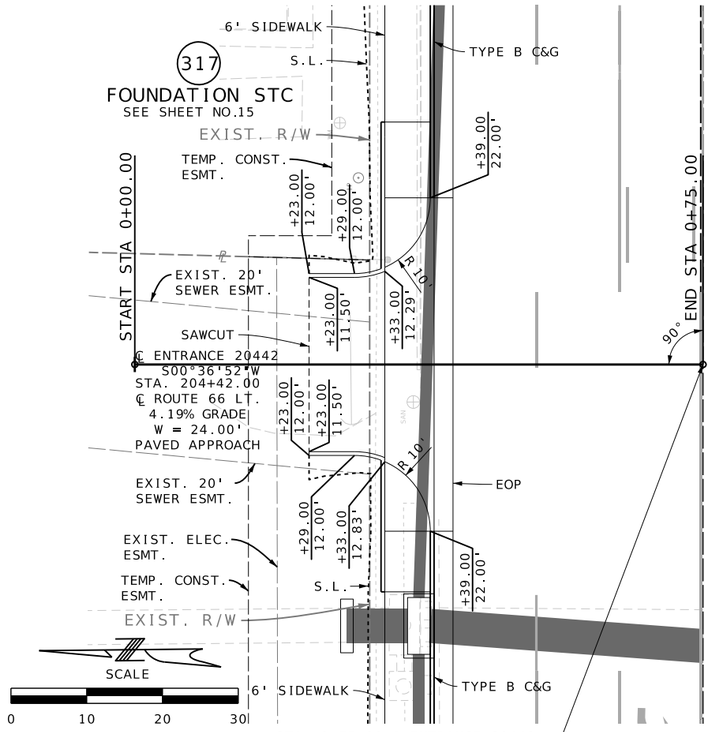
DESCRIPTION	DATE

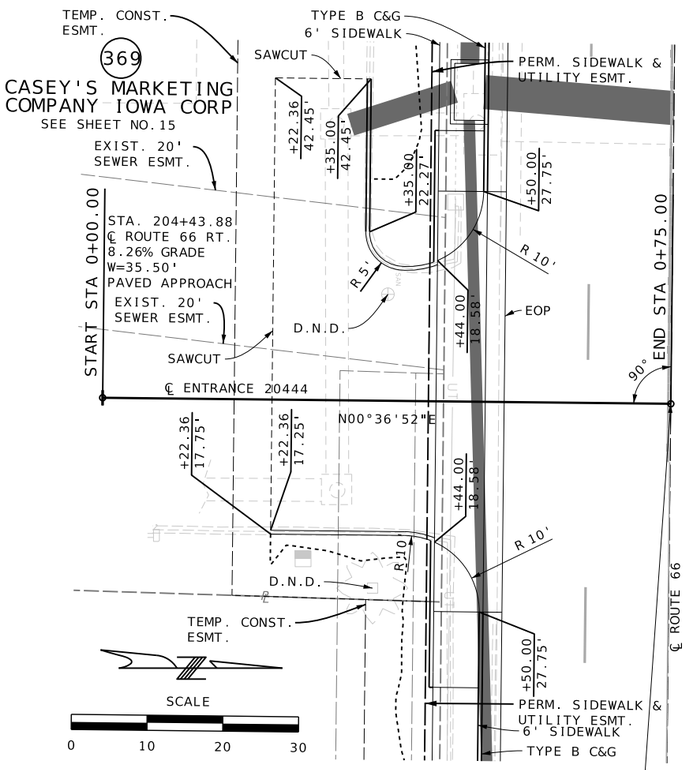
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

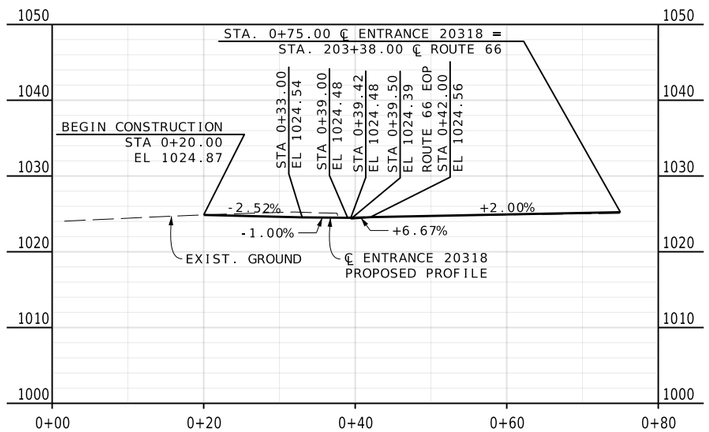
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

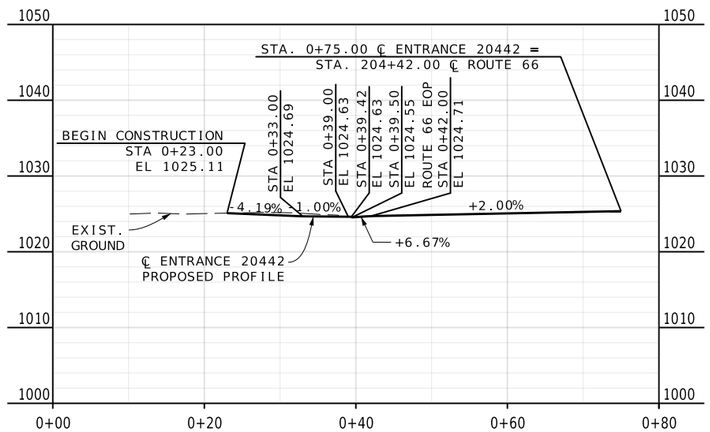
SPECIAL SHEET
SIDE ROADS
SHEET 6 OF 46

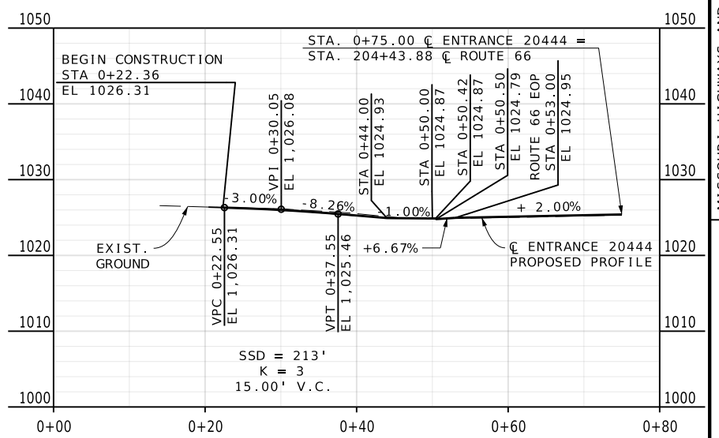












REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	34

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

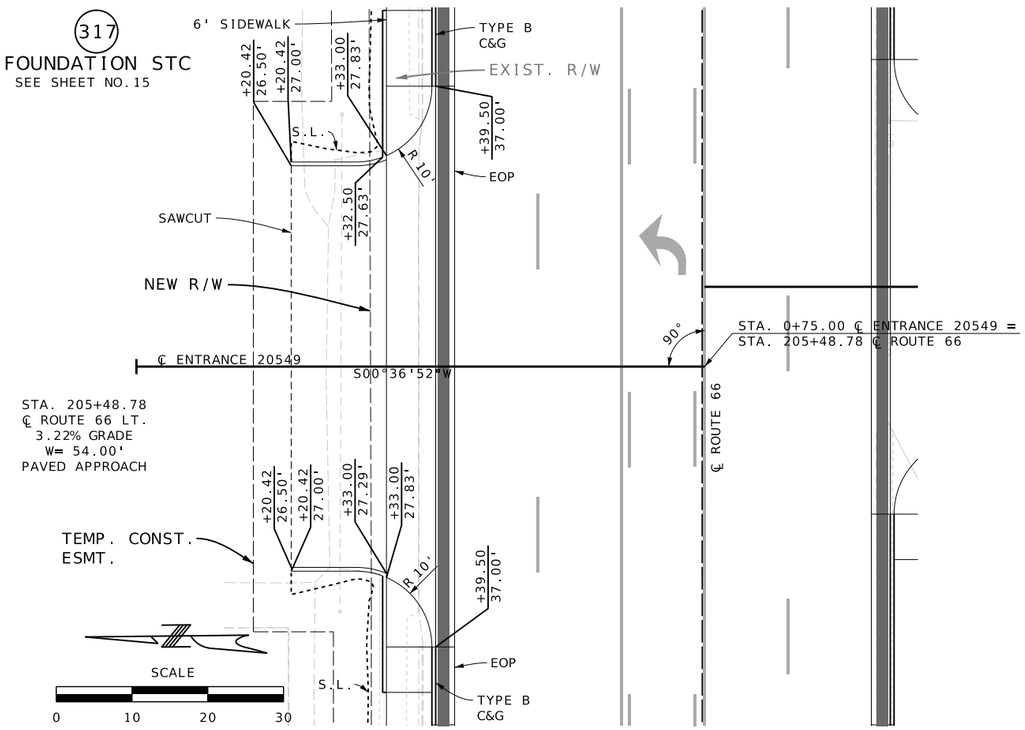
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

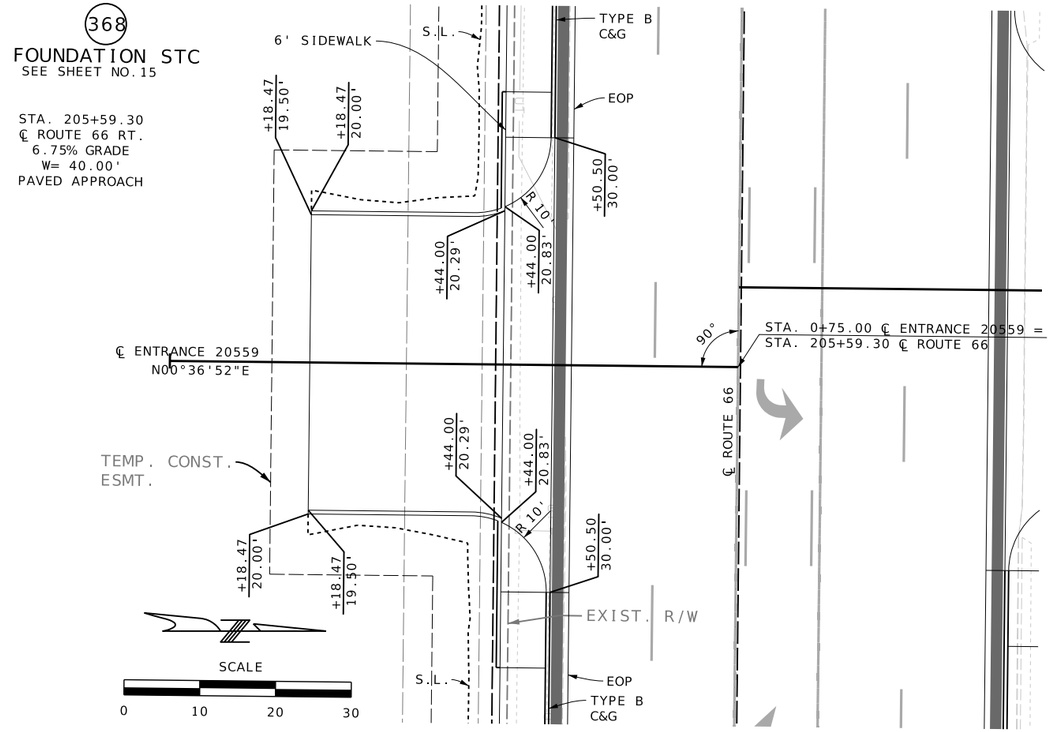
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

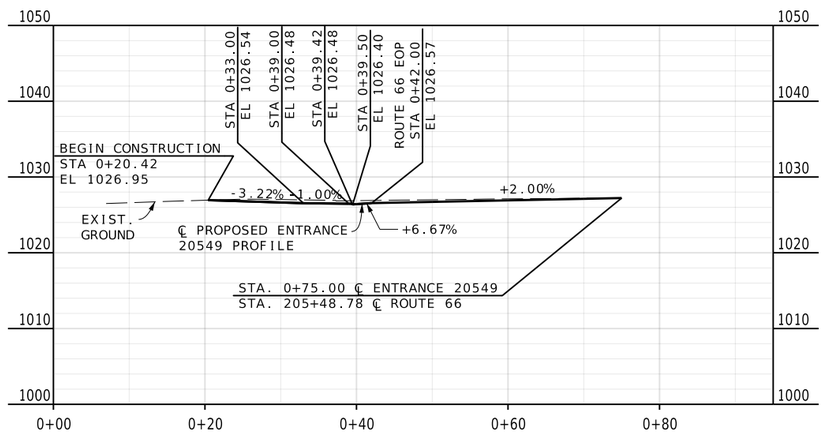
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

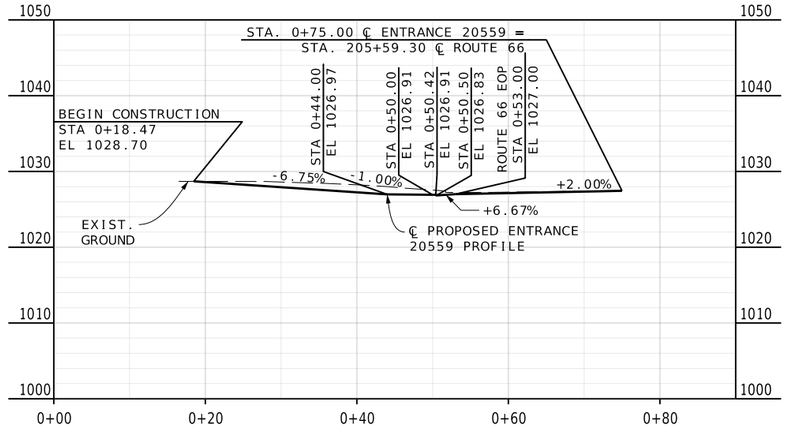
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 7 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	35

COUNTY JASPER

JOB NO. J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

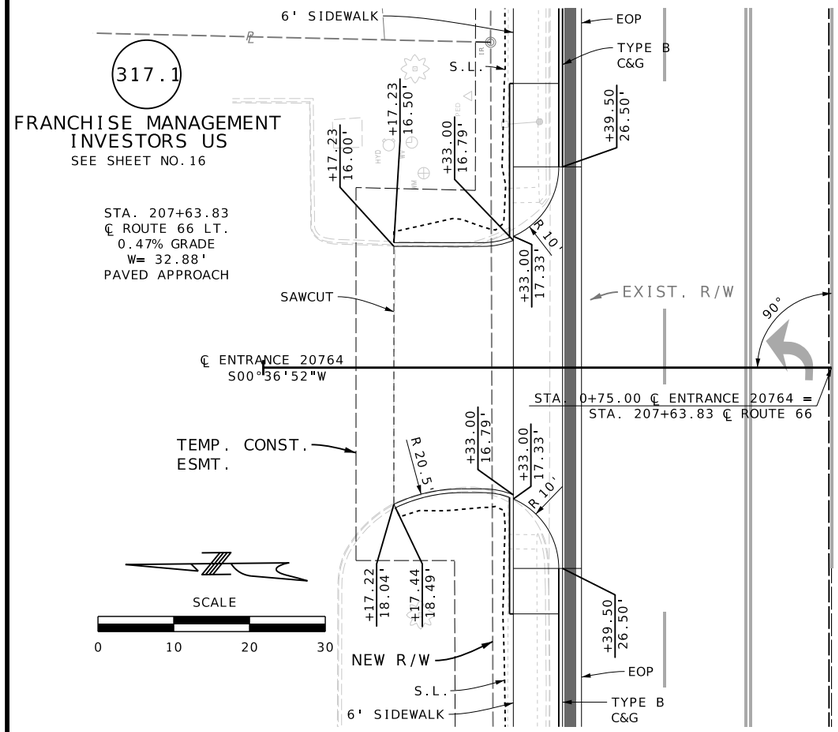
DESCRIPTION	DATE

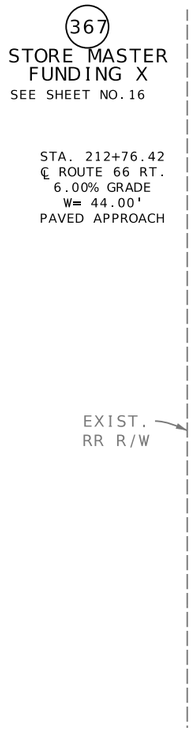
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

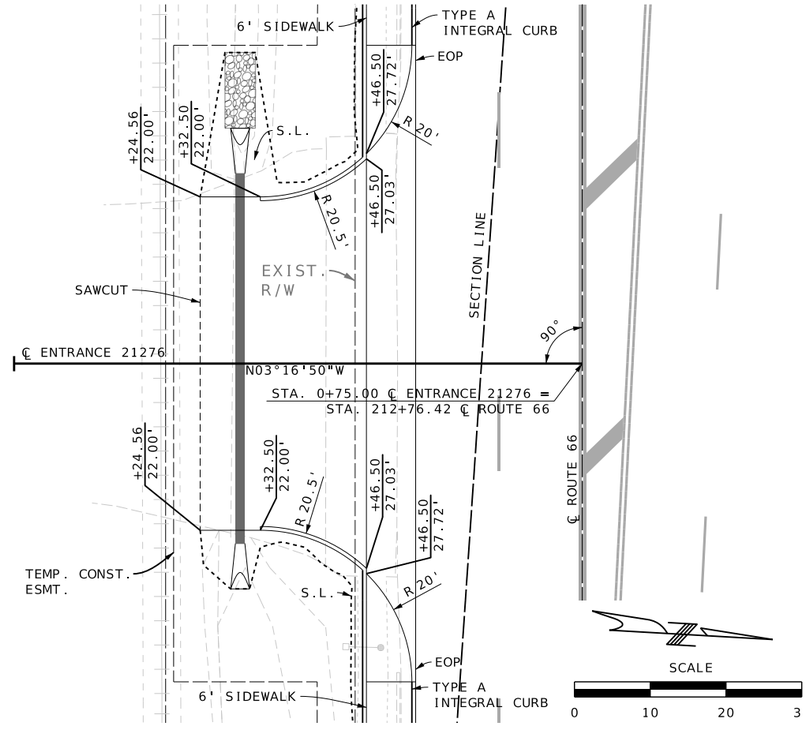
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

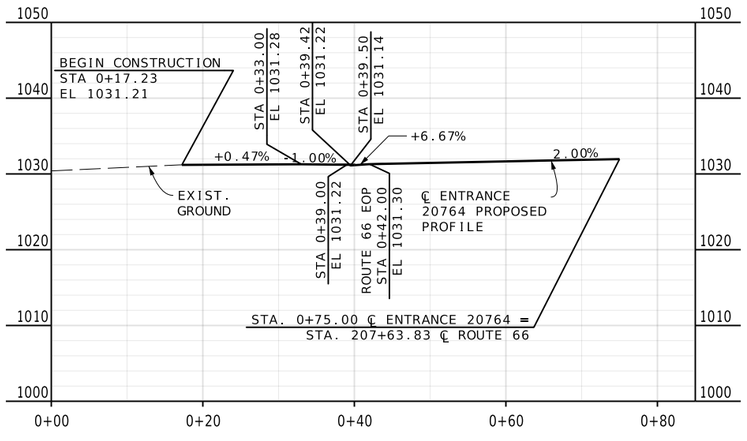
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

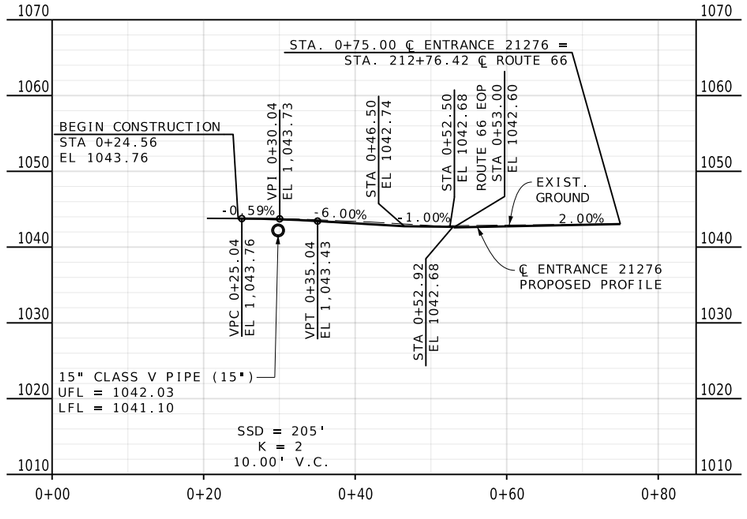
SPECIAL SHEET
ENTRANCES
SHEET 8 OF 46











REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	36

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

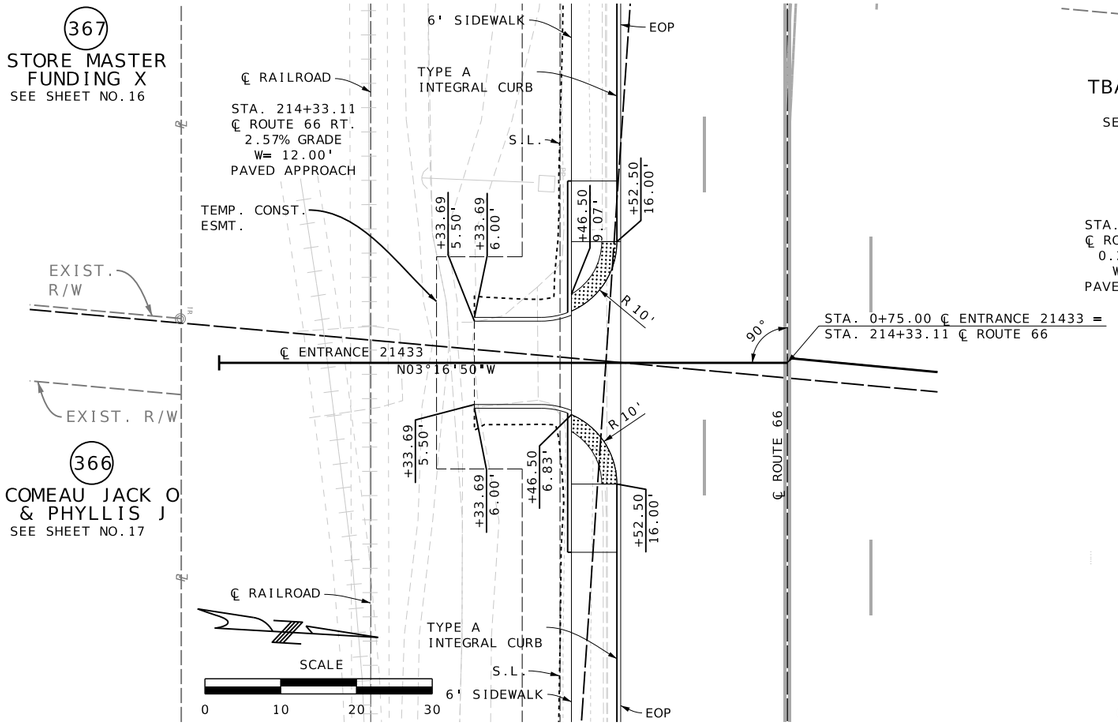
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

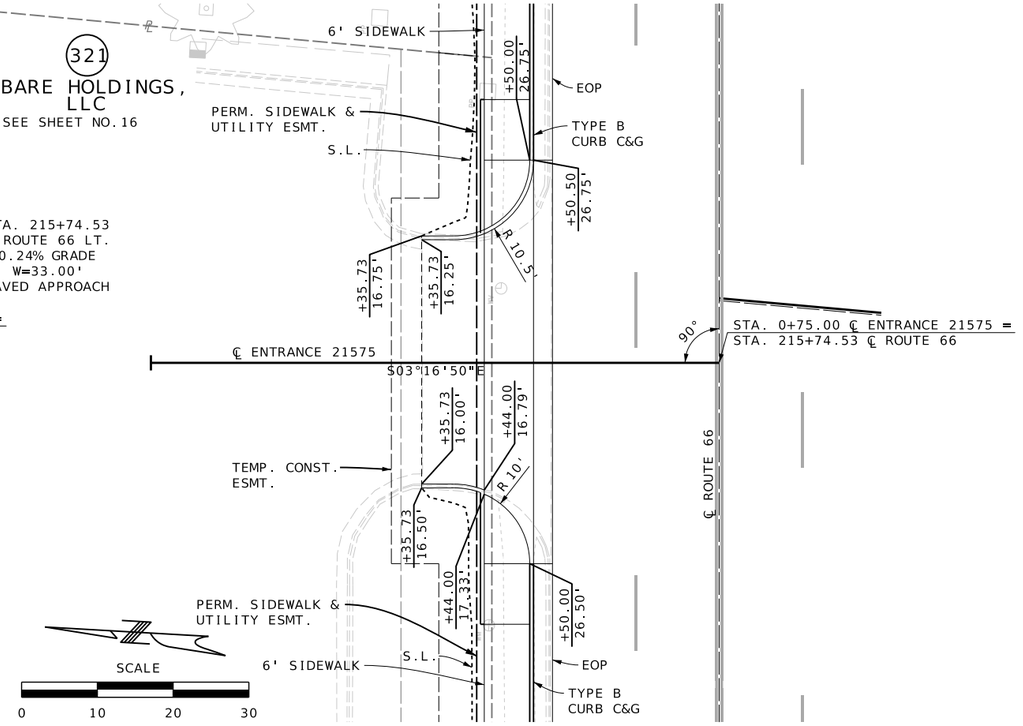
DATE	DESCRIPTION

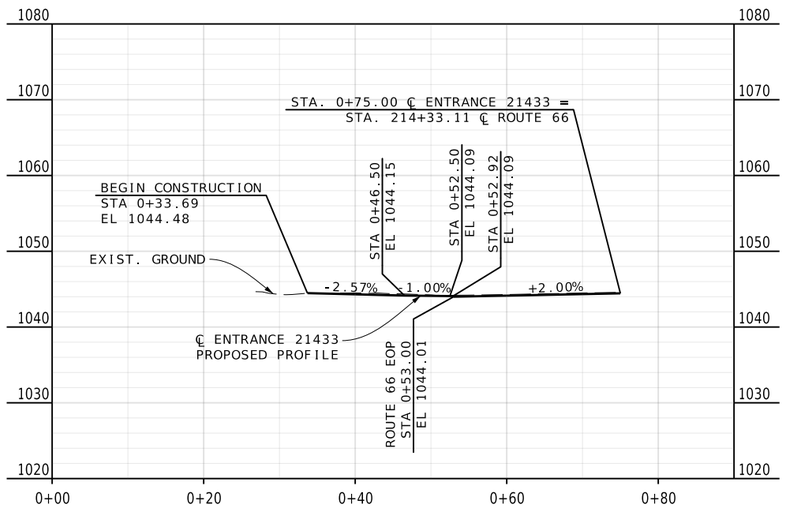
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

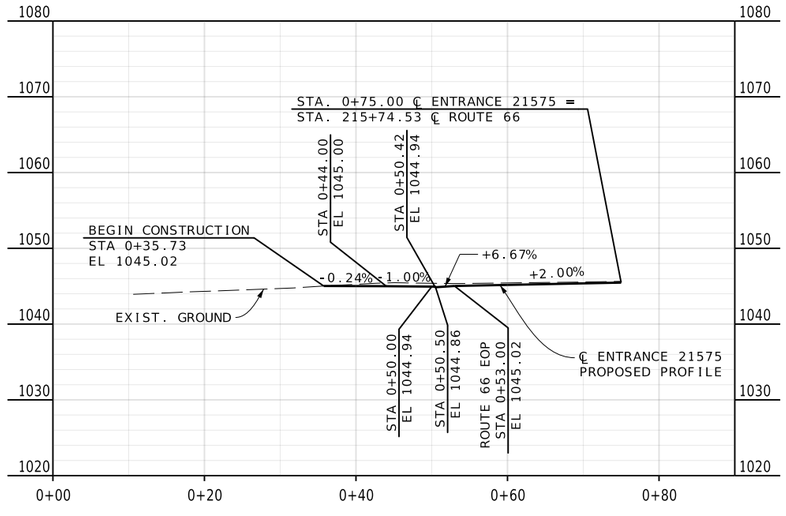
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 9 OF 46









SPECIAL SHEET
ENTRANCES
SHEET 10 OF 46

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	37

COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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PI 0+37.23
PC 0+32.67
PT 0+41.78
Δ 5°13'1.3" (LT)
D 57°17'44.8"
L 9.11' (ARC)
T 4.56'
R 100.00'

TEMP. CONST. ESMT.

6' SIDEWALK

TYPE B C&G

S.L.

EXIST. R/W

322
RYAN MILLER INSURANCE AGENCY INC
SEE SHEET NO.18

EXIST. INGRESS/ EGRESS ESMT.

℄

STA. 216+97.20
℄ ROUTE 66 LT.
1.00% GRADE
W= 25.00'
PAVED APPROACH

PC STA 0+32.67
PT STA 0+41.78

+33.83 13.50'
+33.83 13.00'
+50.00 23.52'
+44.00 14.36'
+44.00 13.81'
R 10'

90°

STA. 0+75.00 ℄ ENTRANCE 21697 =
STA. 216+97.20 ℄ ROUTE 66

℄ ENTRANCE 21697
S01°56'11"W

S03°16'50"E

SAWCUT

EXIST. INGRESS/ EGRESS ESMT.

+33.83 12.00'
+44.00 12.78'
+44.00 13.32'
R 10'

323
VOGT MONTE W & AMY L
SEE SHEET NO.18

+33.83 12.50'
+50.00 22.49'

TEMP. CONST. ESMT.

6' SIDEWALK

S.L.

PERM. SIDEWALK & UTILITY ESMT.

TYPE B C&G

℄ ROUTE 66

SCALE
0 10 20 30

324
GPC&L HOLDINGS
SEE SHEET NO.18

STA. 220+37.57
℄ ROUTE 66 LT.
7.61% GRADE
W= 66.00'
PAVED APPROACH

PERM. SIDEWALK & UTILITY ESMT.

6' SIDEWALK

TYPE B C&G

EOP

+37.04 32.50'
+53.04 32.50'

SAWCUT

90°

STA. 0+75.00 ℄ ENTRANCE 22038 =
STA. 220+37.57 ℄ ROUTE 66

℄ ENTRANCE 22038
S02°24'33"E

TEMP. CONST. ESMT.

+37.04 32.50'
+53.04 32.50'

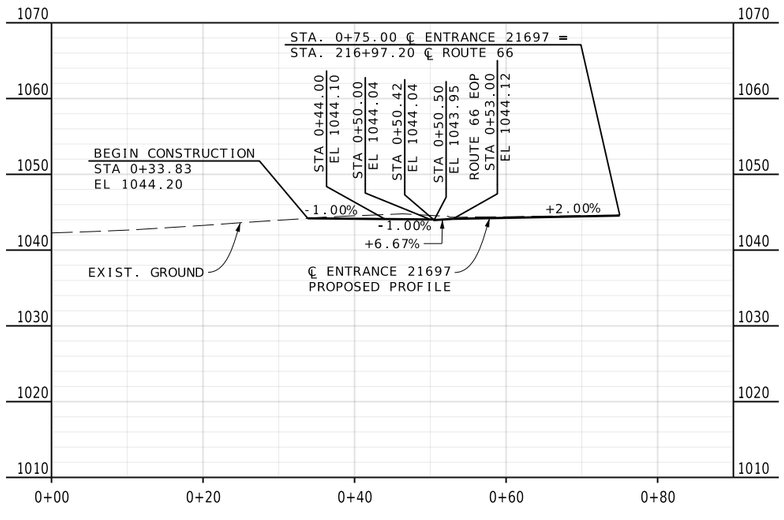
℄ ROUTE 66

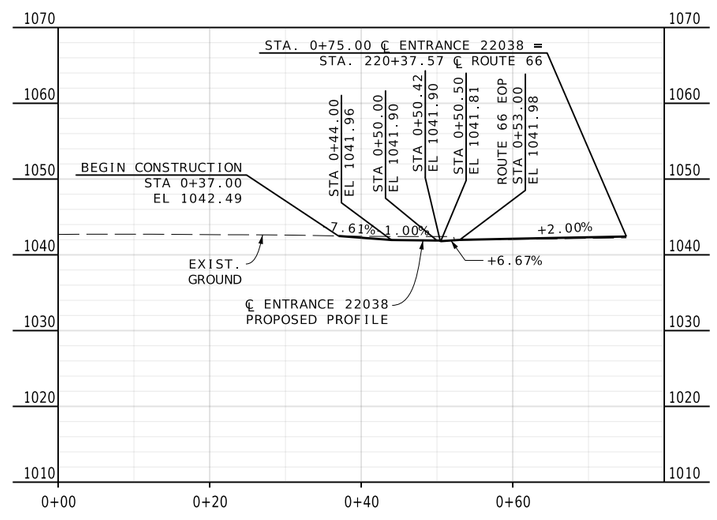
PERM. SIDEWALK & UTILITY ESMT.

EOP

TYPE B C&G

SCALE
0 10 20 30





REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	38

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

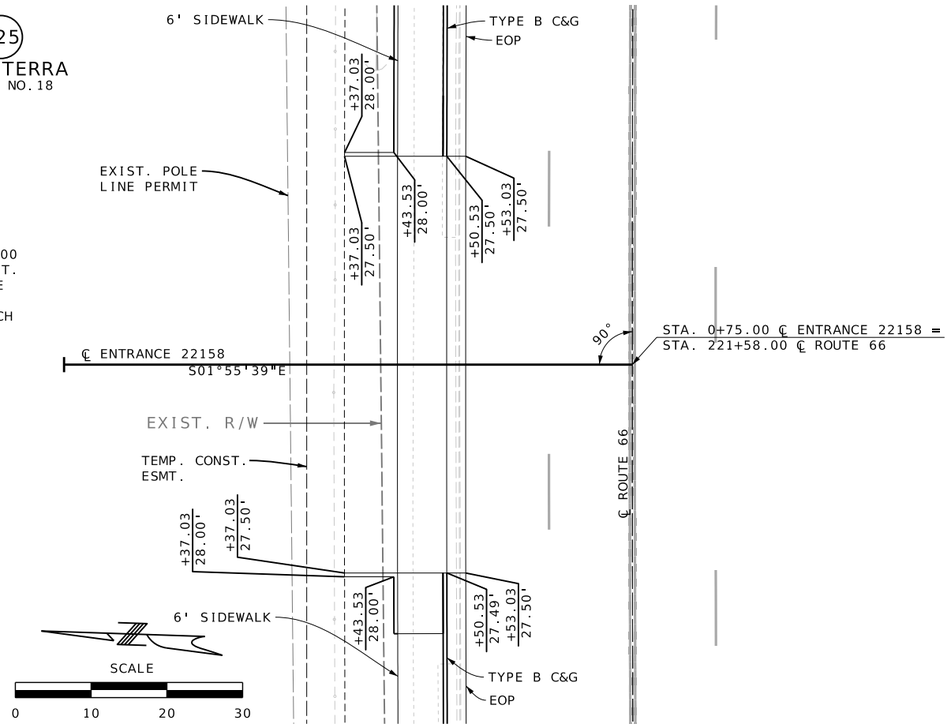
SPECIAL SHEET
ENTRANCES
SHEET 11 OF 46

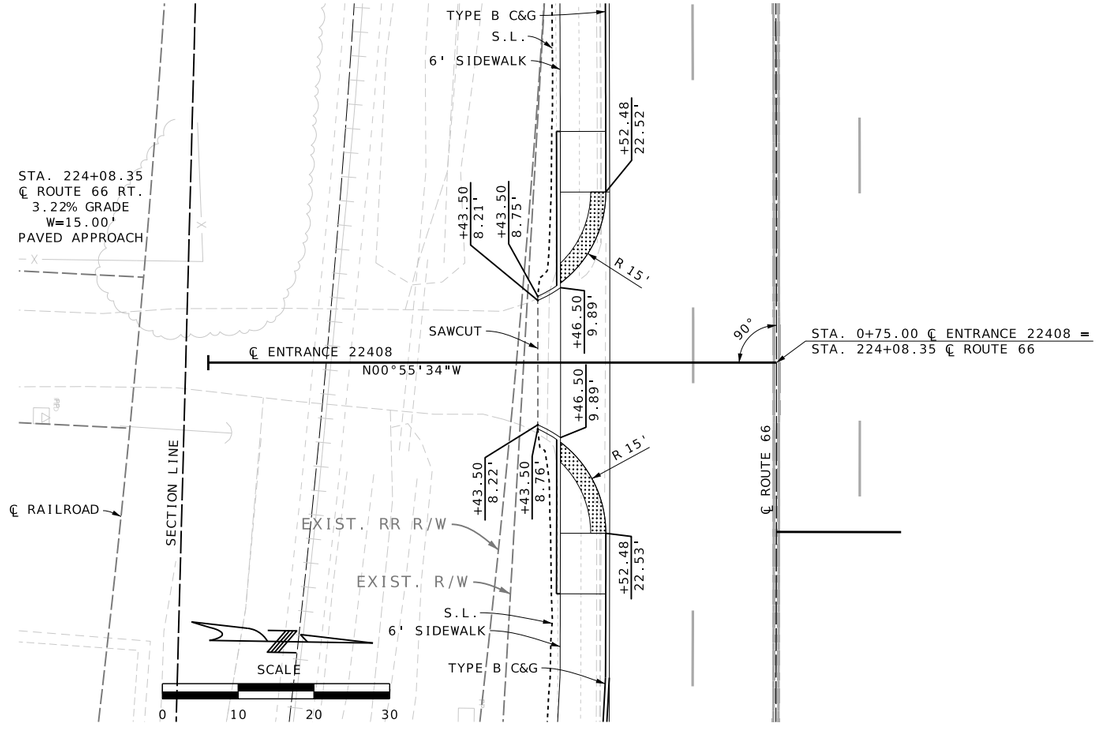
F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185B\plan_sheets\8 Special Sheets\038_SS_11_J7S2185B_I10_Entrance.dgn 2:34:22 PM 8/8/2025

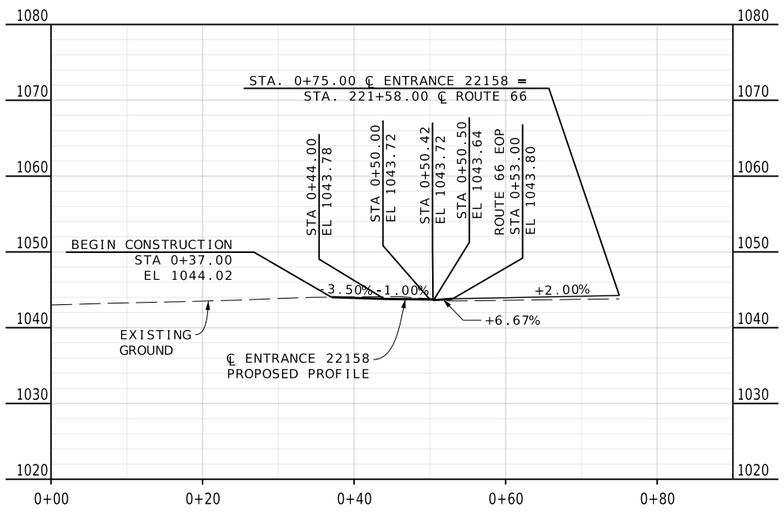
325

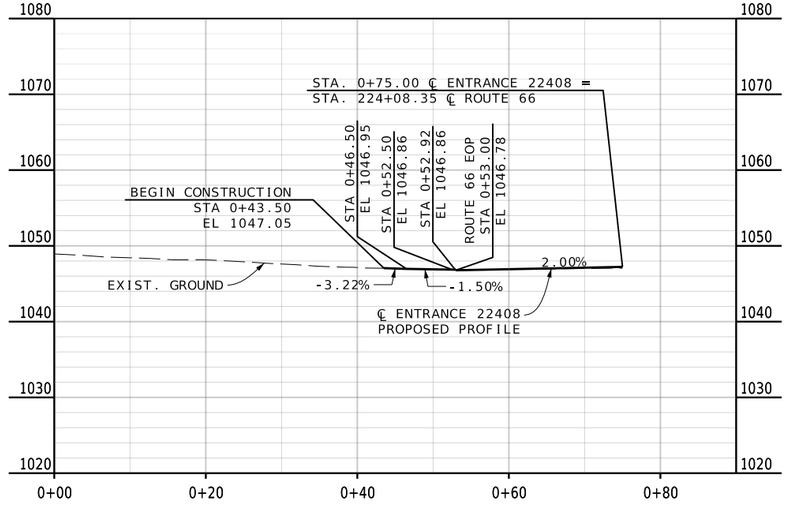
SOLO TERRA

SEE SHEET NO.18









REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	39

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

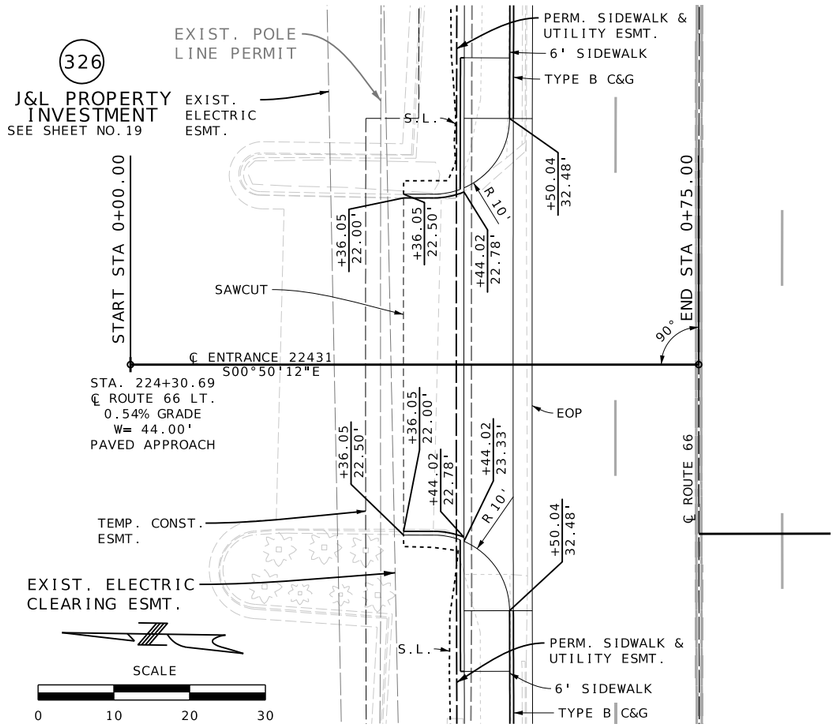
DATE	DESCRIPTION

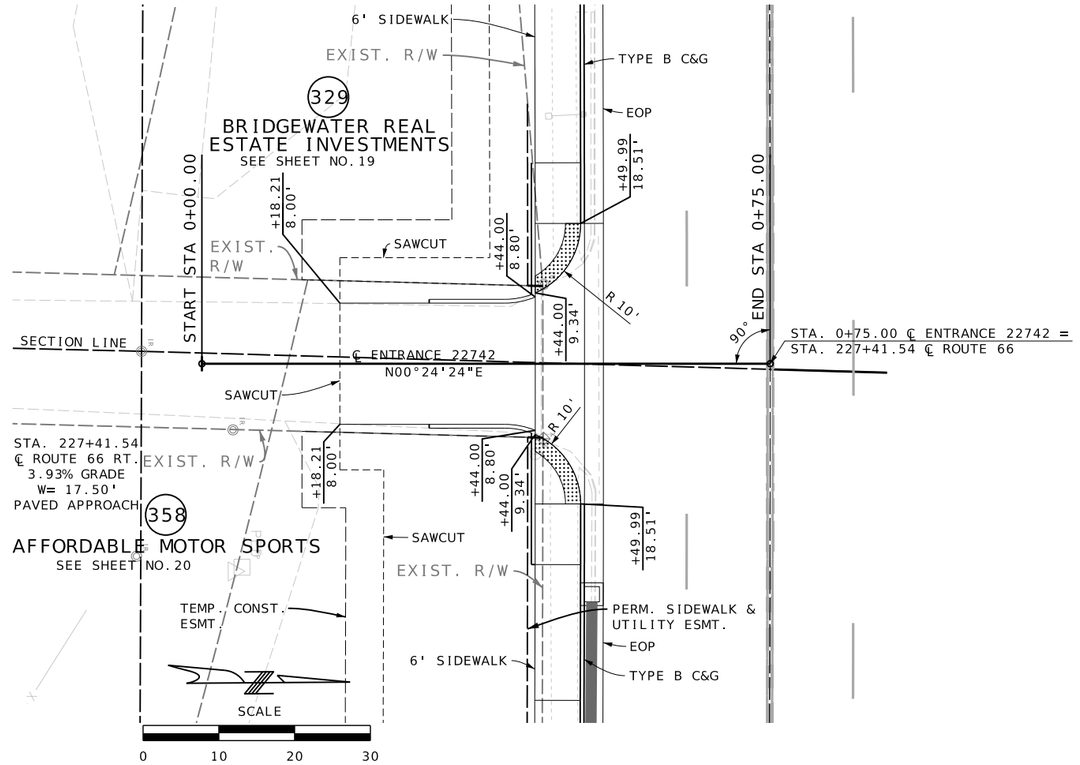
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

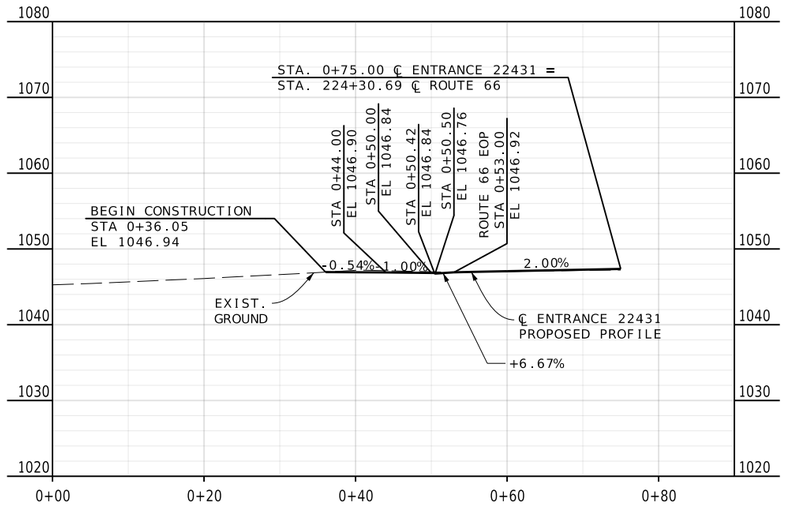
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

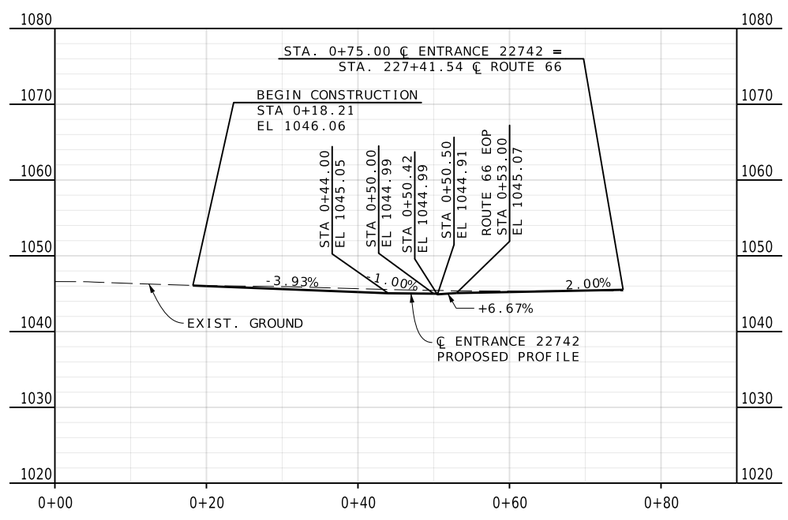
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 12 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	40

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

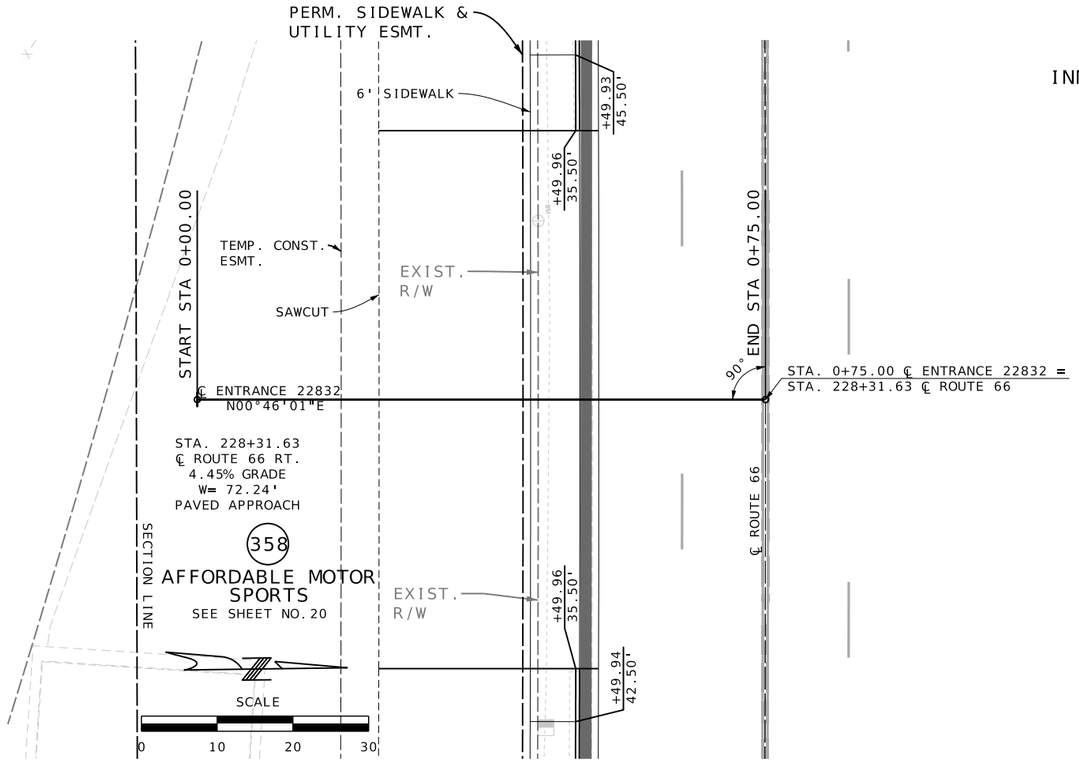
DESCRIPTION	DATE

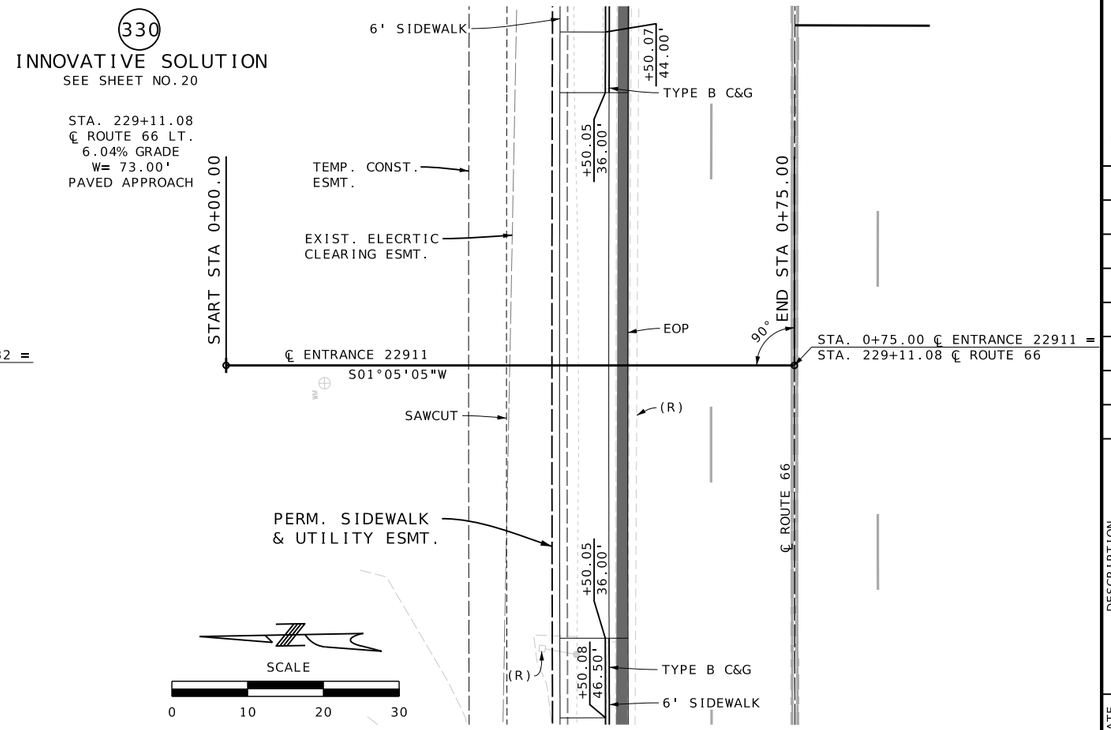
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

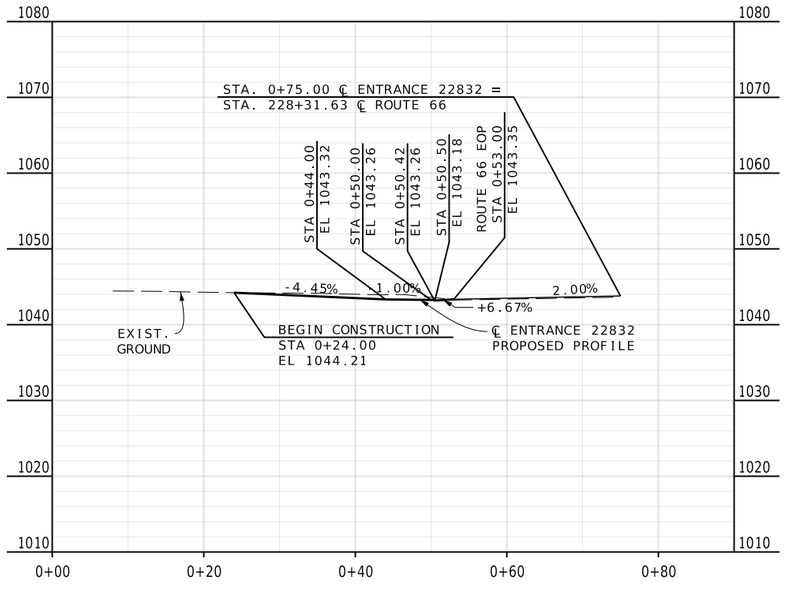
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

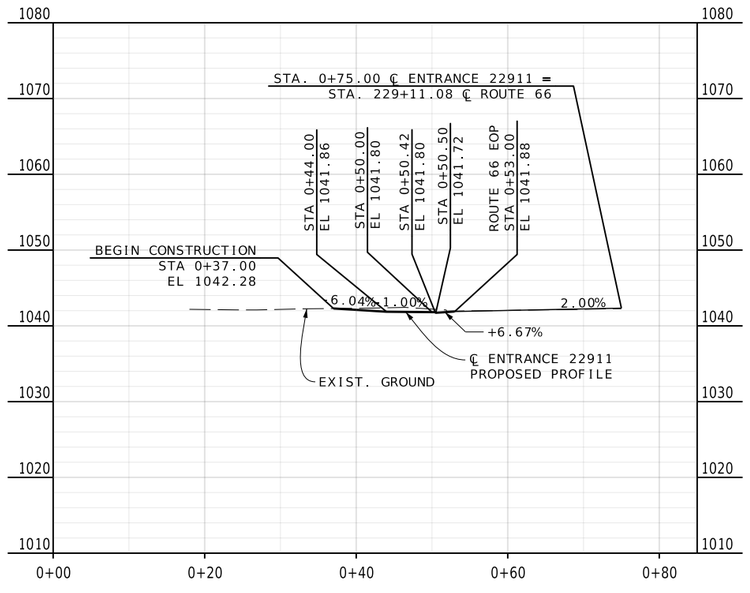
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 13 OF 46









REID BRENNEN CATT
NUMBER
PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	41

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

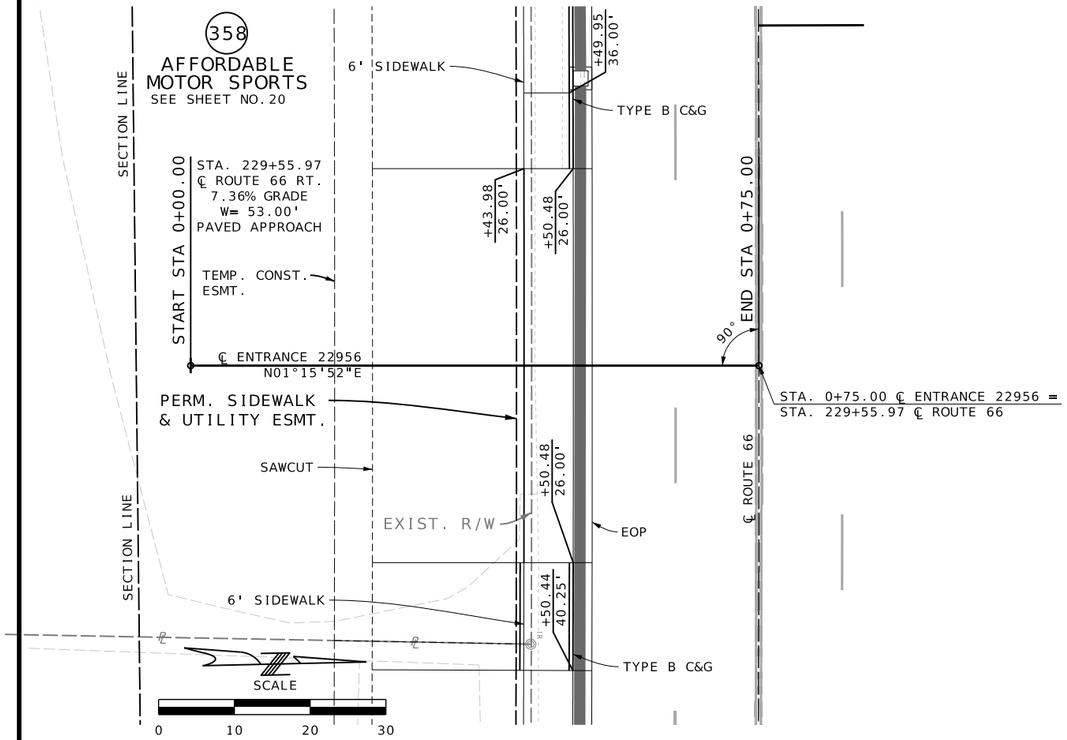
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

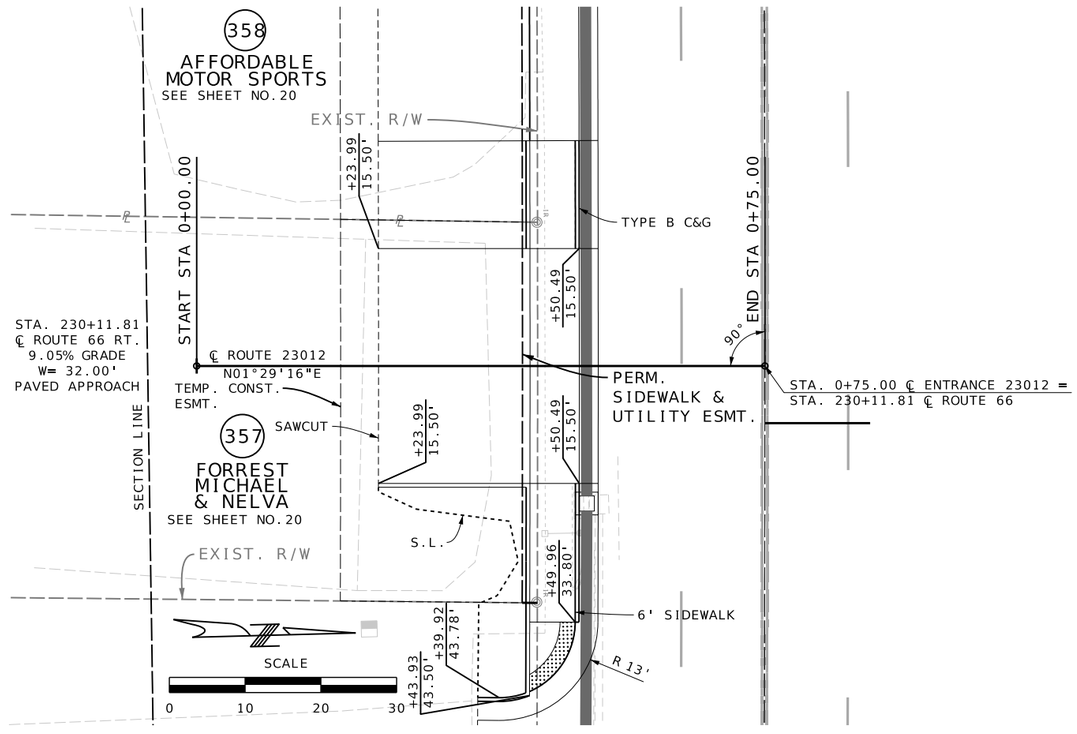
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

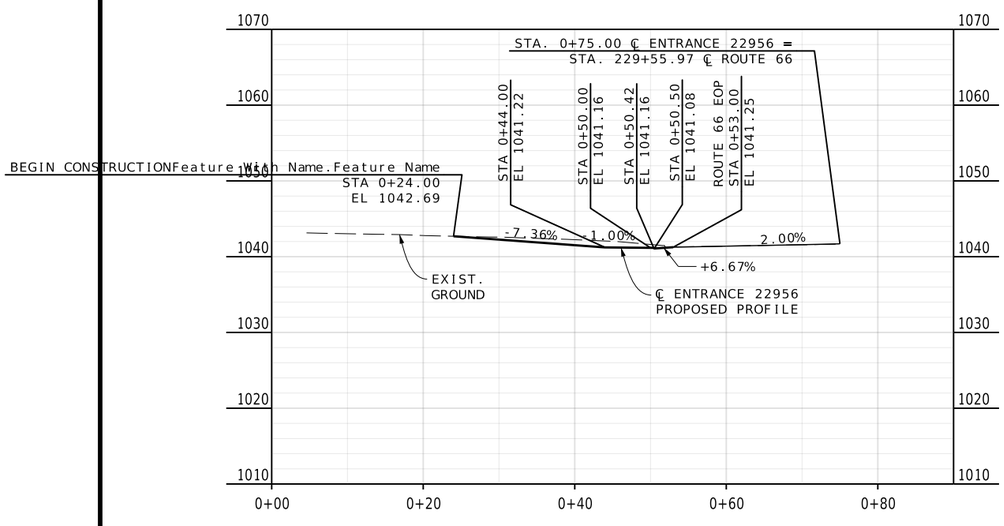
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

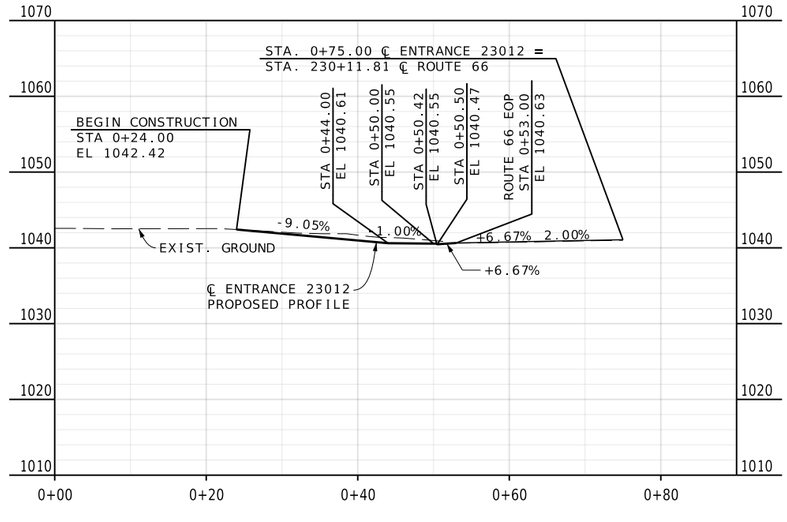
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 14 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	42

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

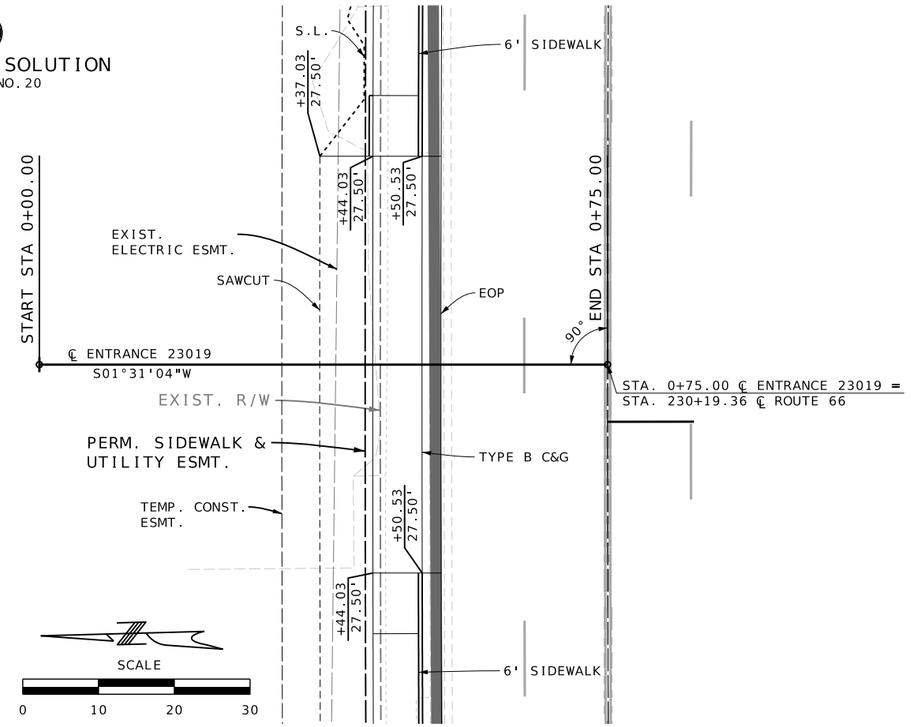
SPECIAL SHEET
ENTRANCES
SHEET 15 OF 46

(330)

INNOVATIVE SOLUTION

SEE SHEET NO. 20

STA. 230+19.36
℄ ROUTE 66 LT.
4.72% GRADE
W= 56.00'
PAVED APPROACH

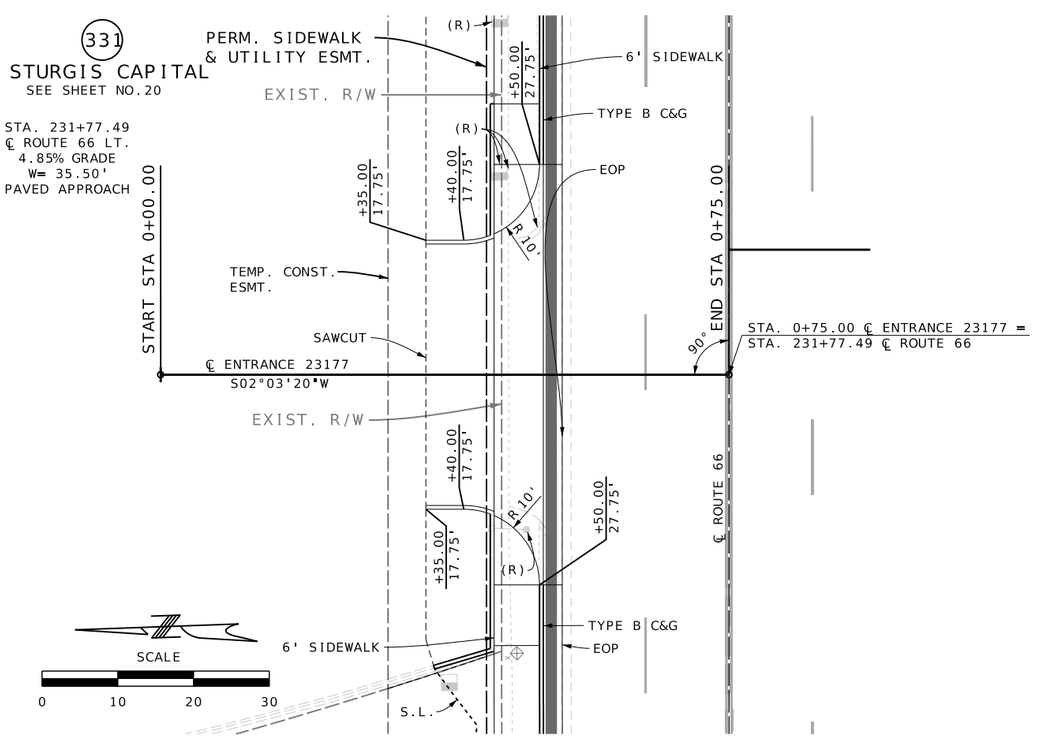


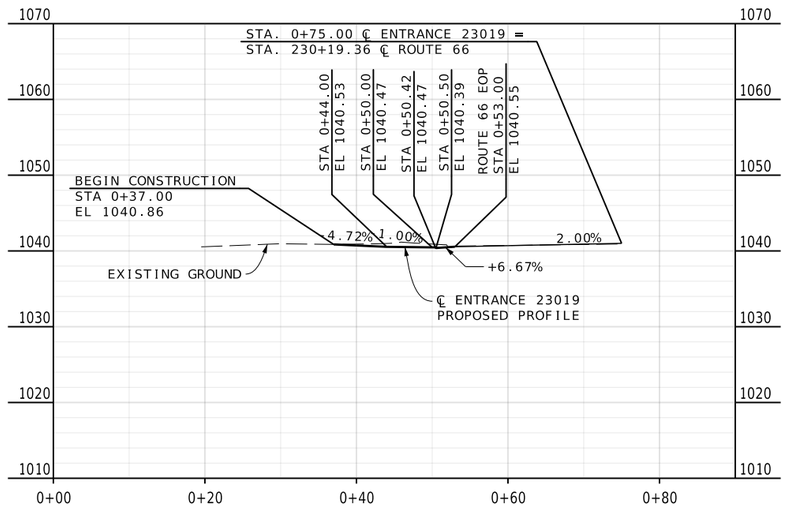
(331)

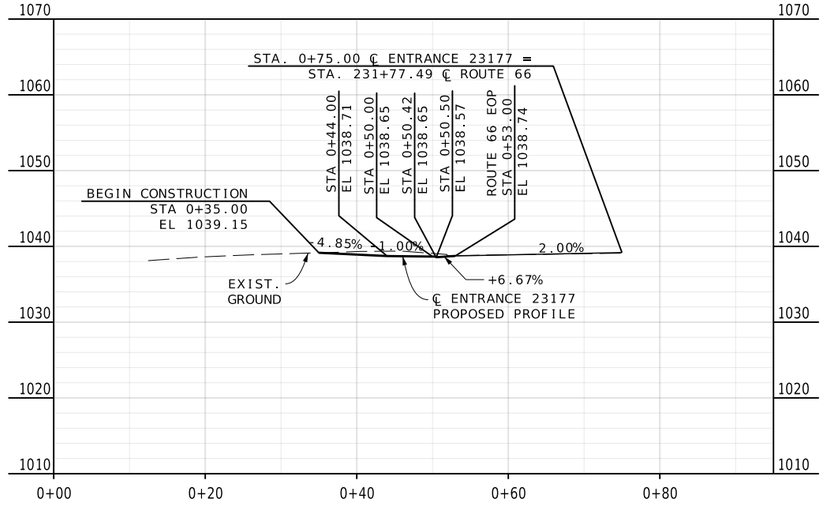
STURGIS CAPITAL

SEE SHEET NO. 20

STA. 231+77.49
℄ ROUTE 66 LT.
4.85% GRADE
W= 35.50'
PAVED APPROACH







REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	43

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

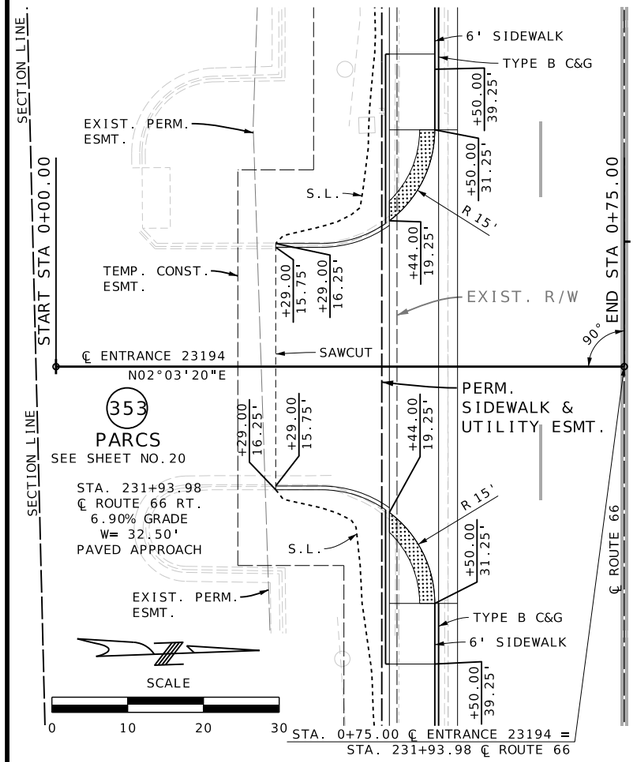
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

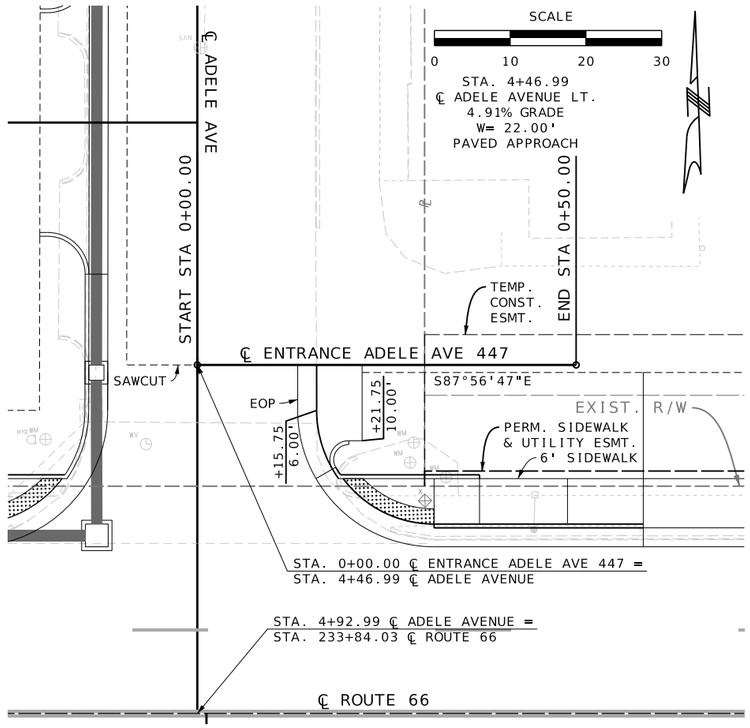
DESCRIPTION	DATE

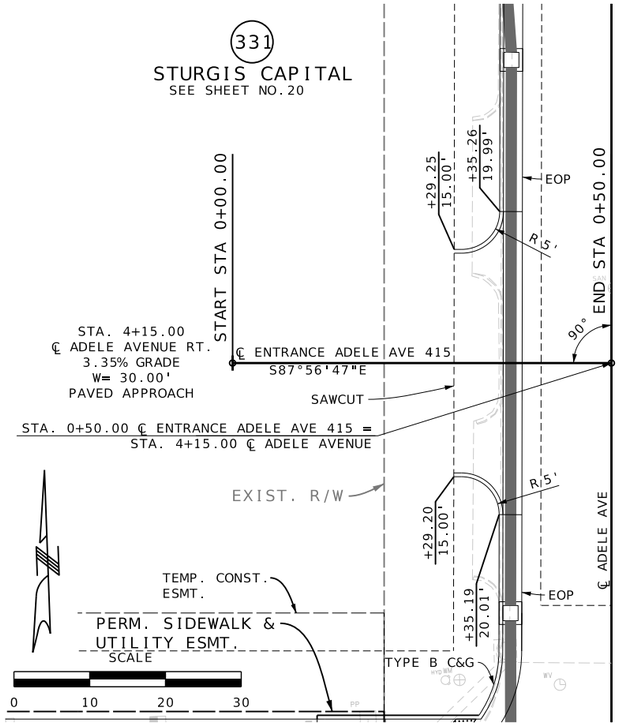
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

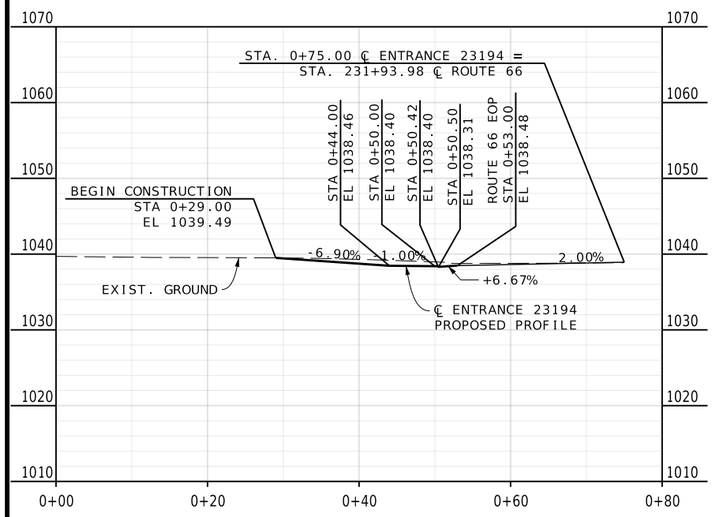
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

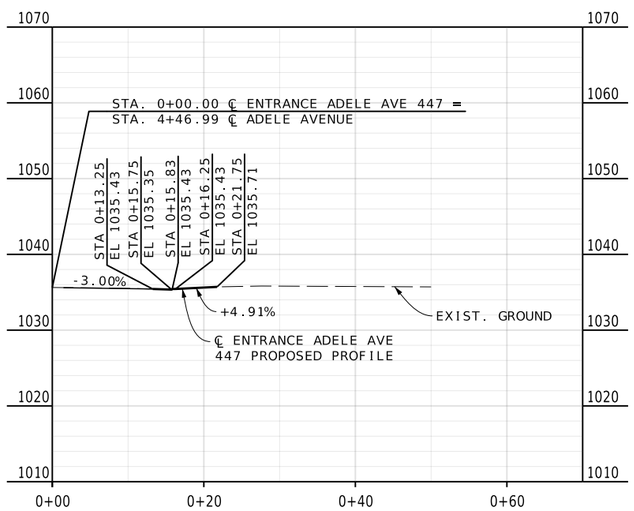
SPECIAL SHEET
ENTRANCES
SHEET 16 OF 46

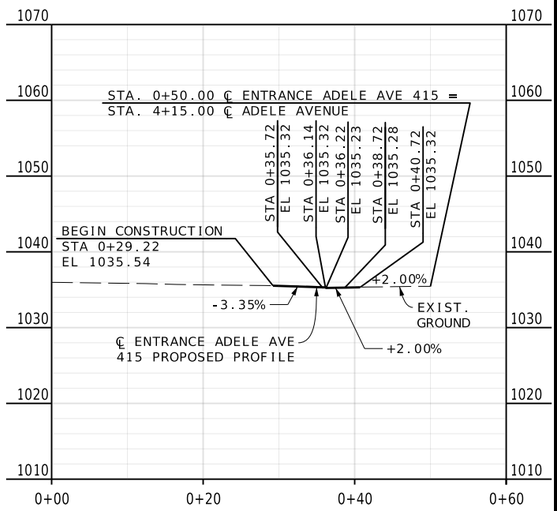












REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	44

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

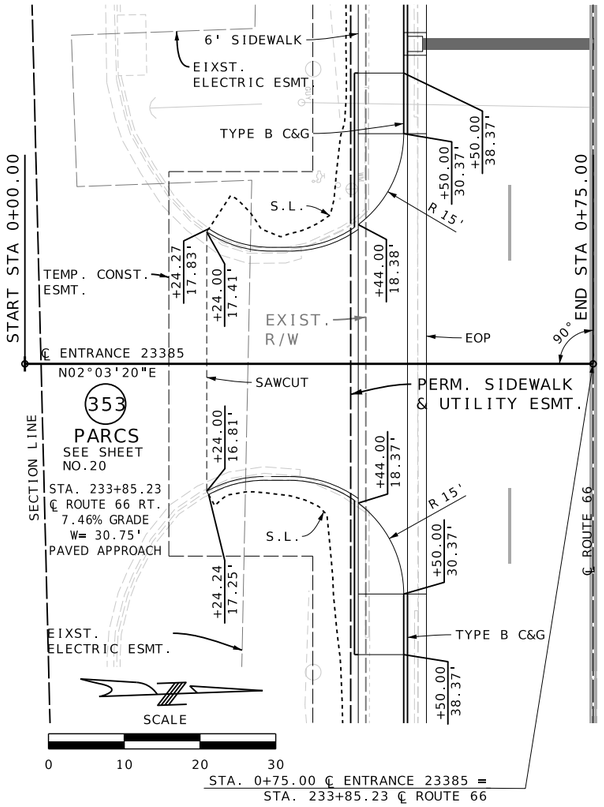
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

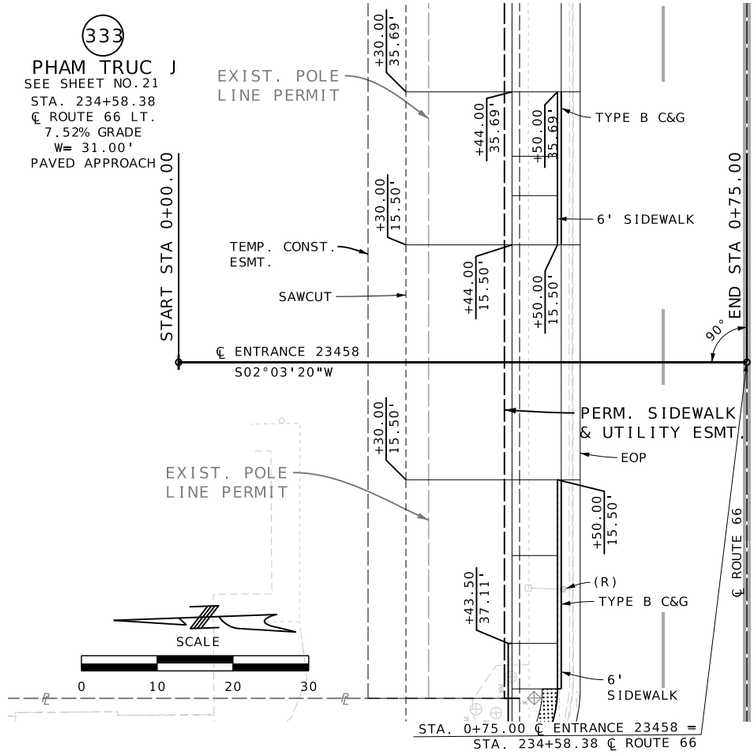
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

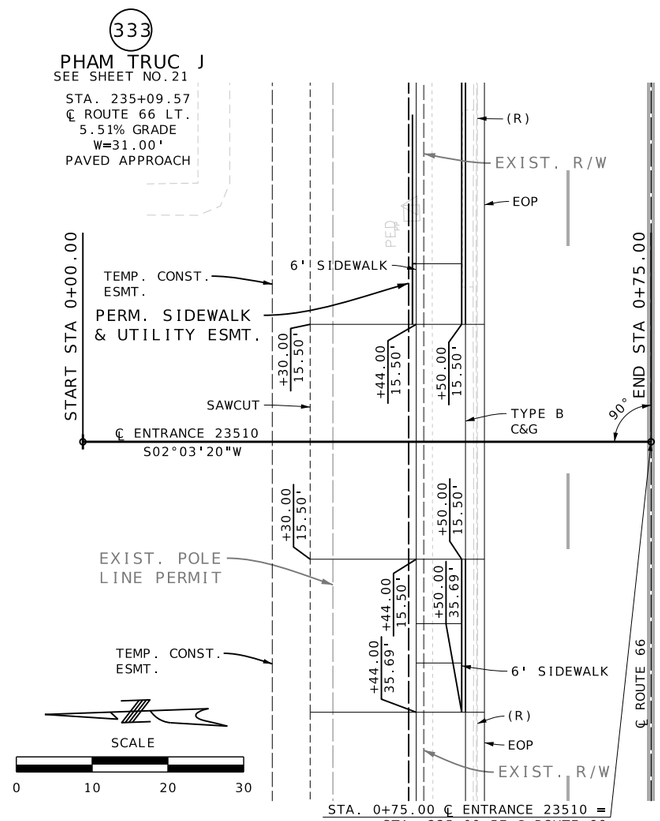
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

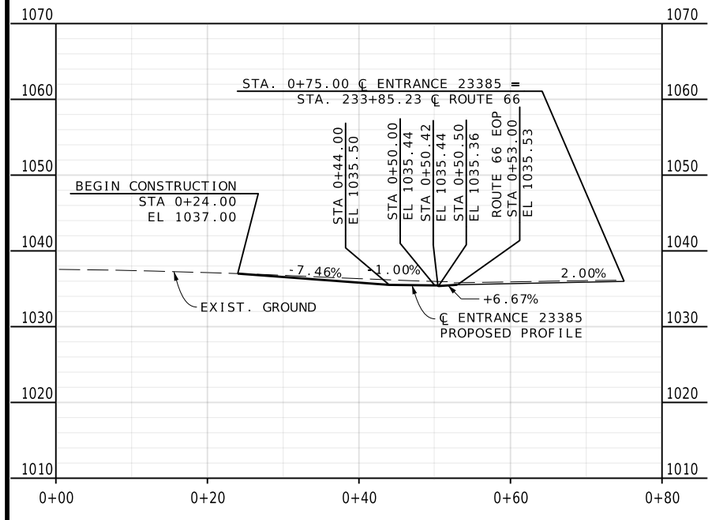
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

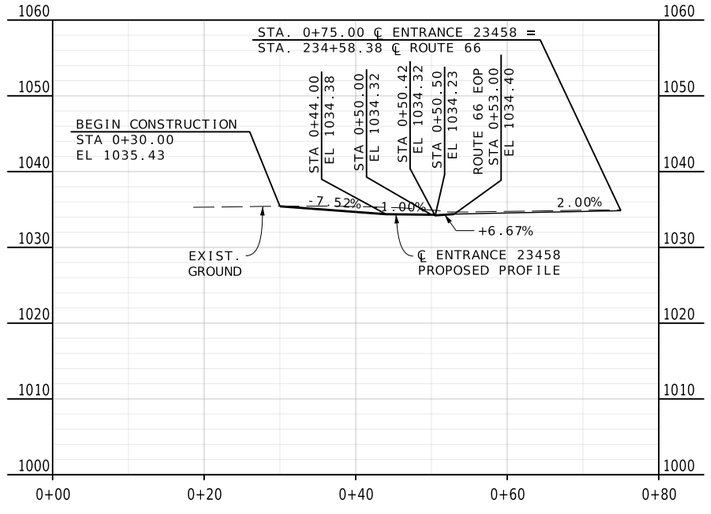
SPECIAL SHEET
ENTRANCES
SHEET 17 OF 46

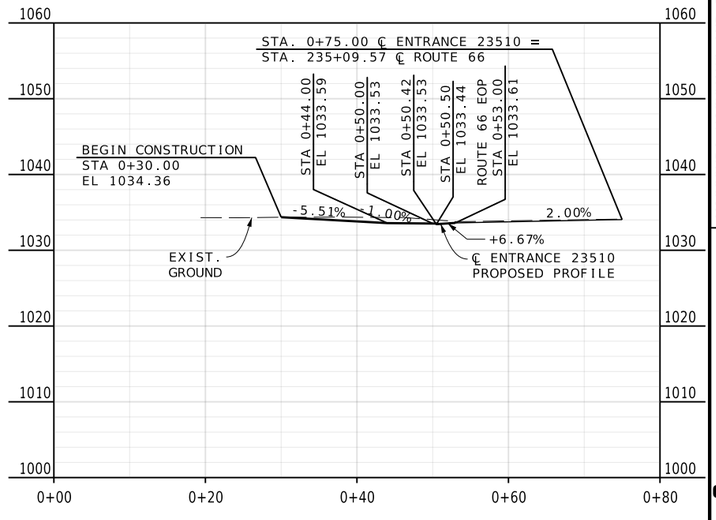












REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	45

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

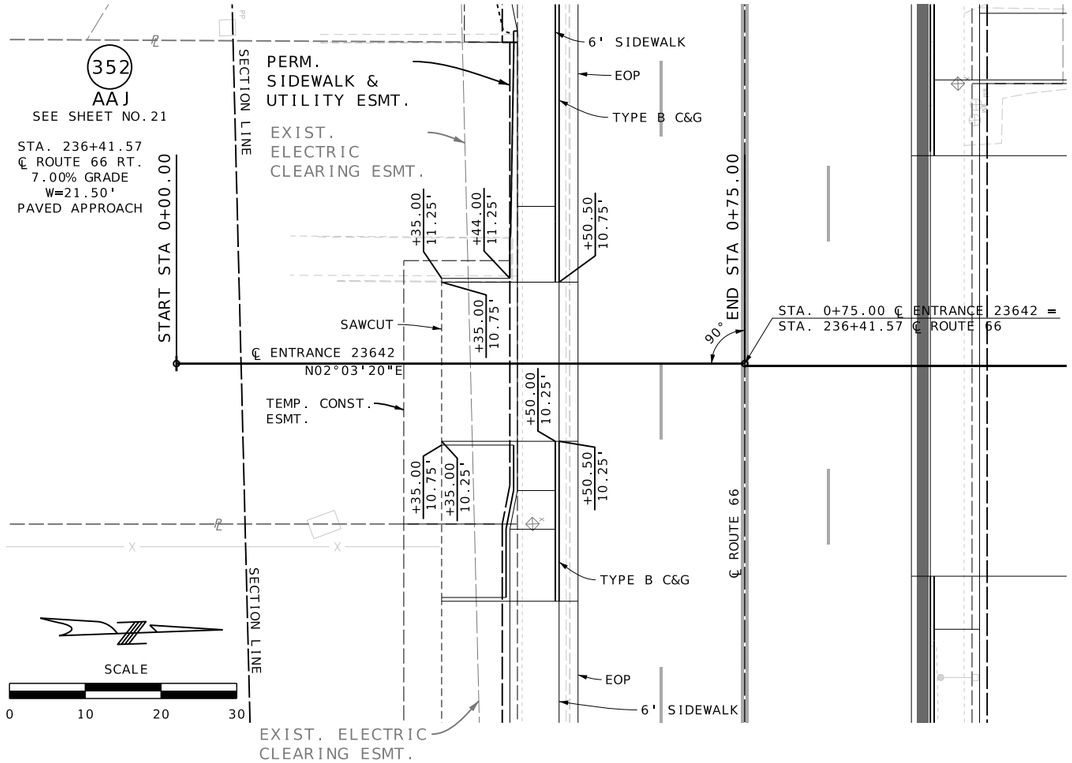
DATE	DESCRIPTION

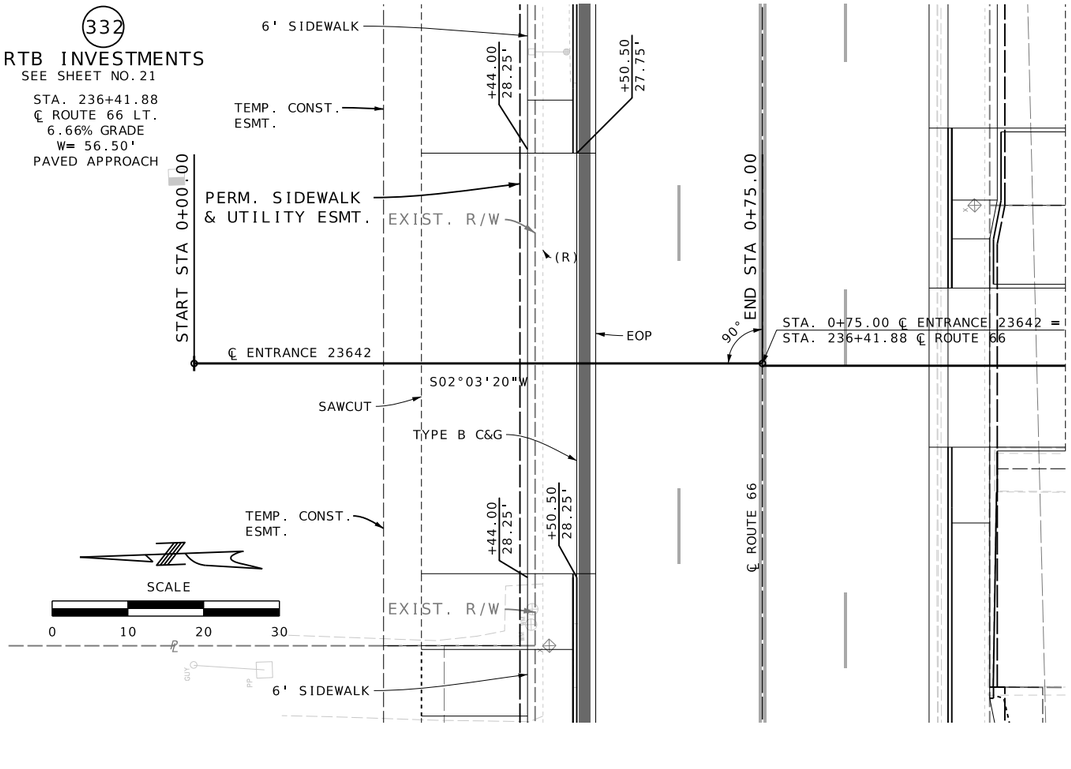
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

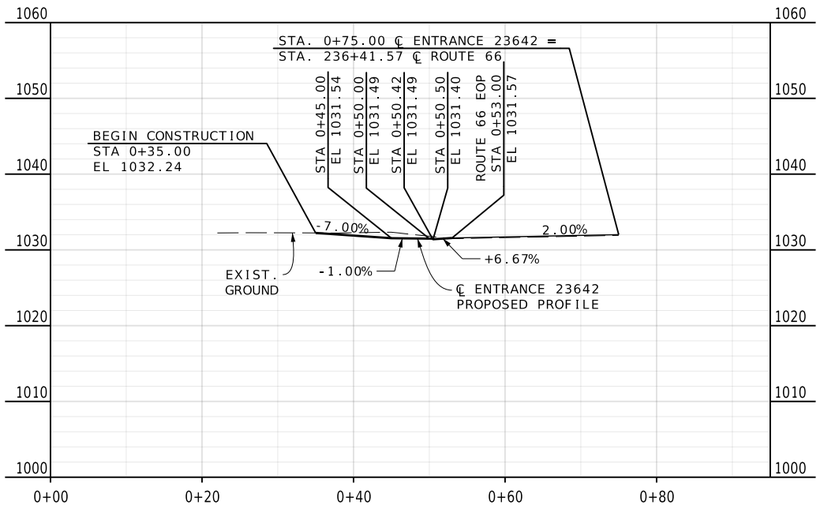
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

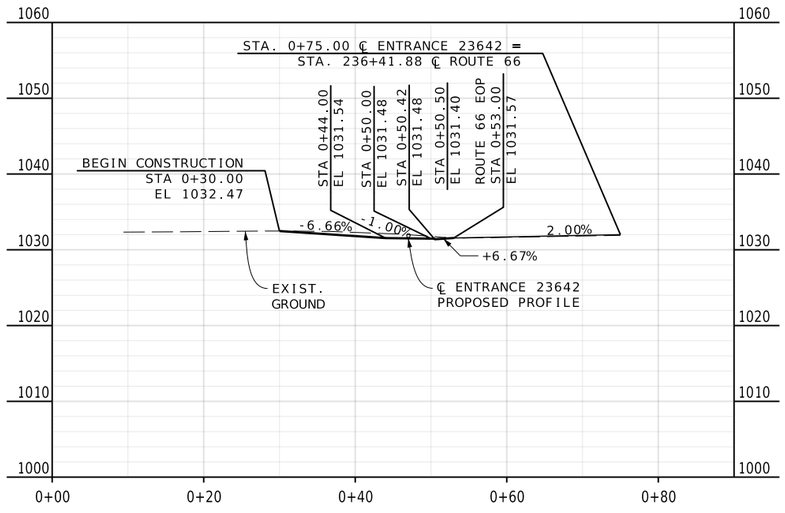
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEETS 18 OF 46









REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	46

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

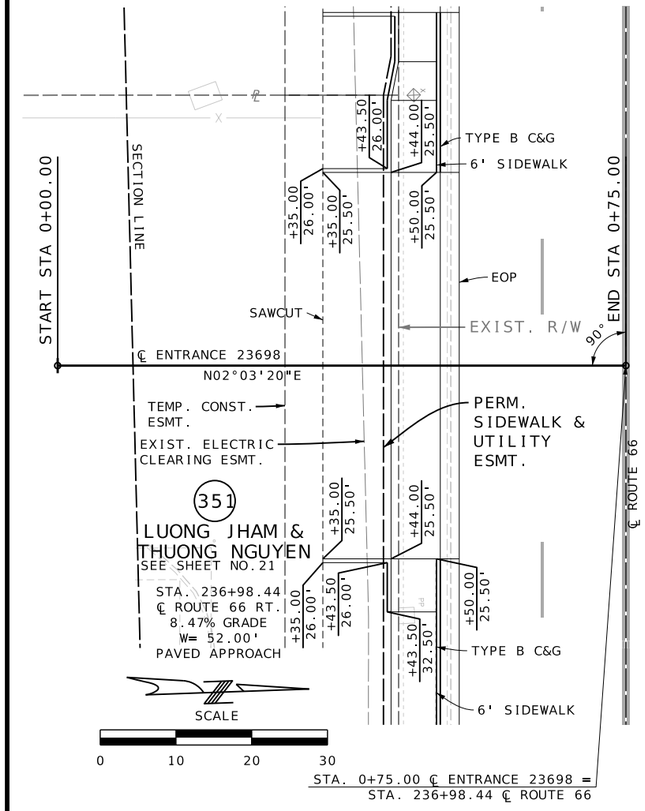
DESCRIPTION	DATE

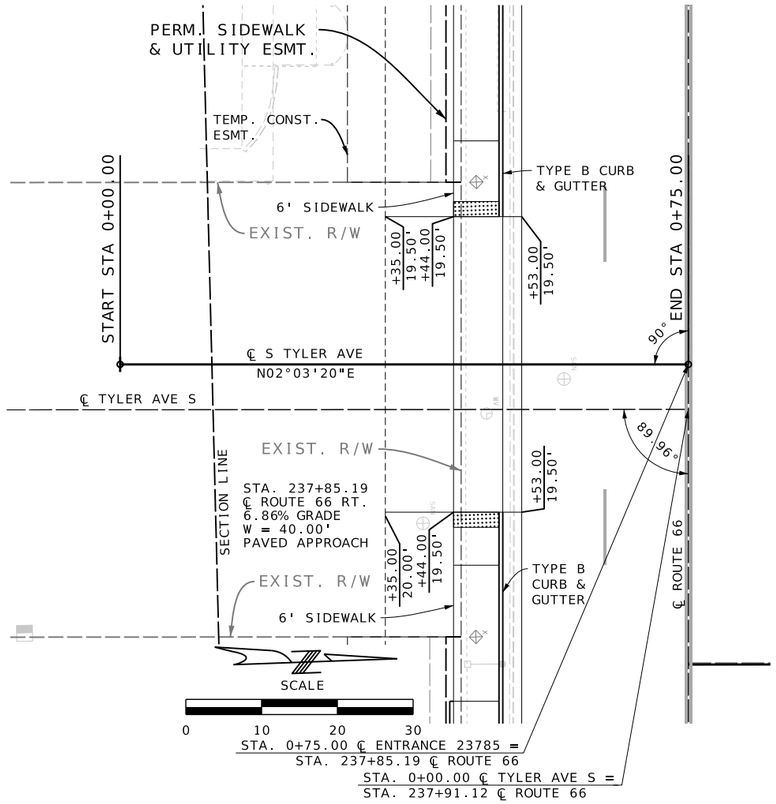
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

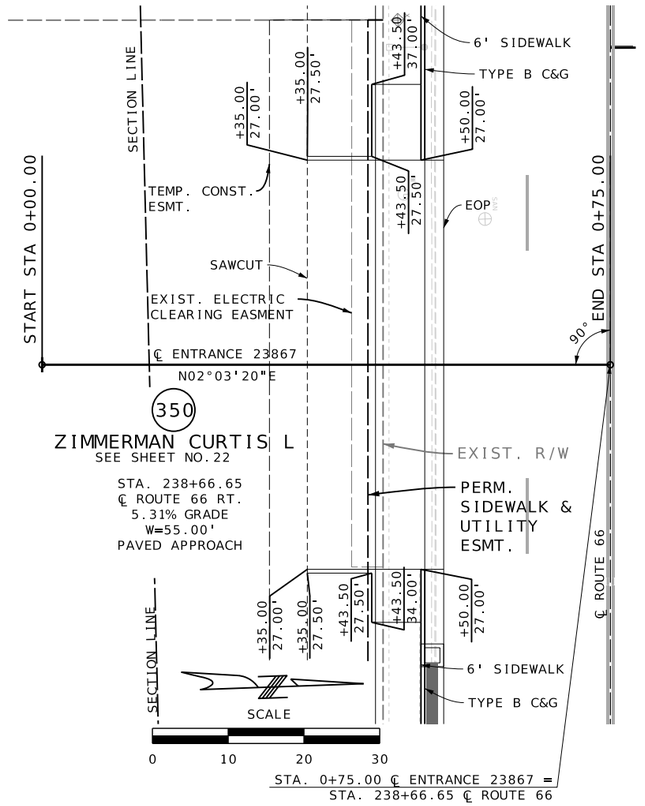
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

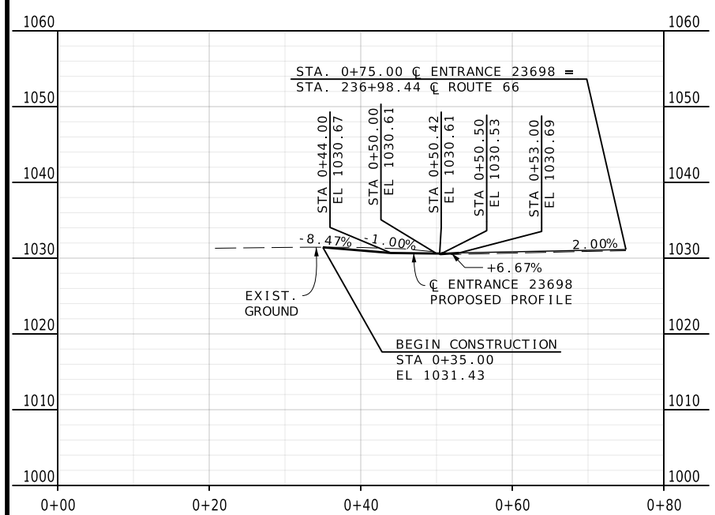
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

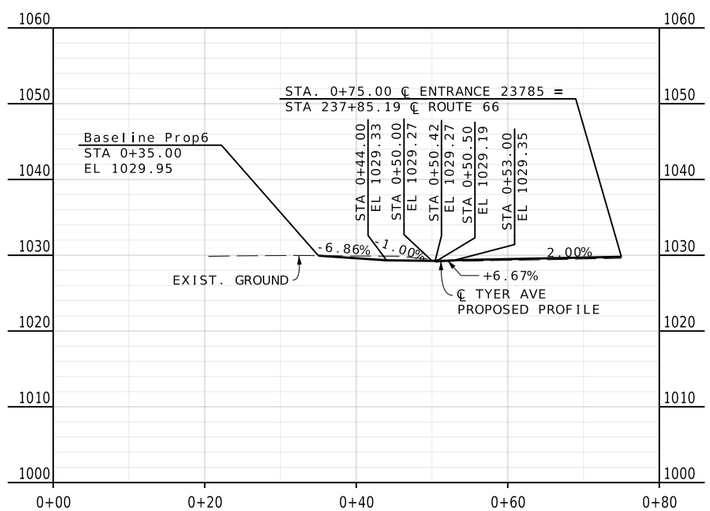
SPECIAL SHEET
ENTRANCES
SHEET 19 OF 46

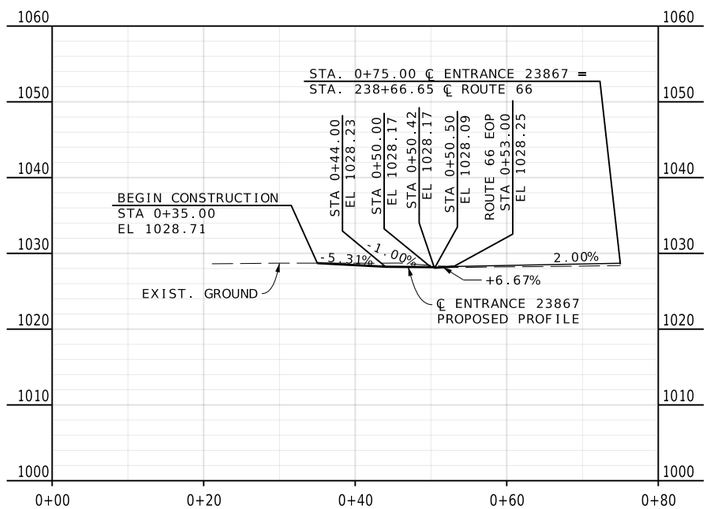












SPECIAL SHEET
ENTRANCES
SHEET 20 OF 46

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	47

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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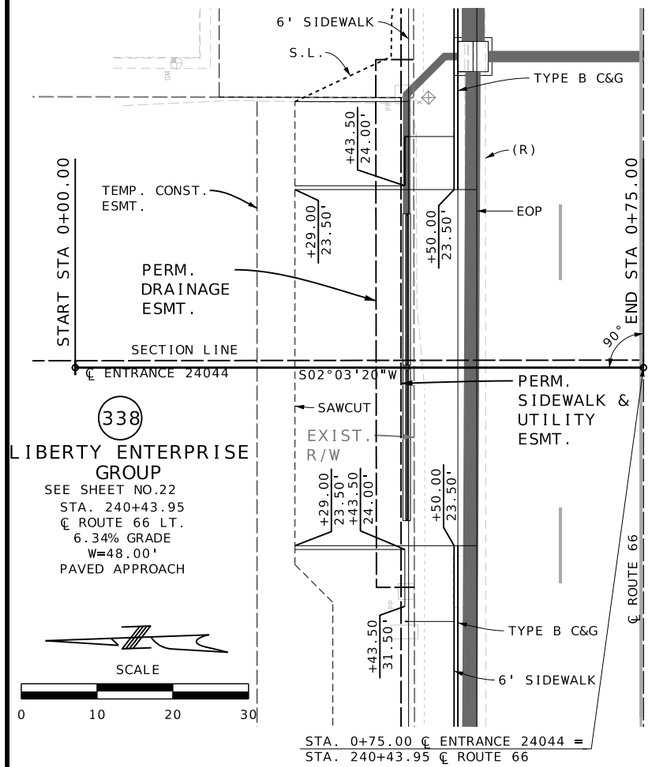
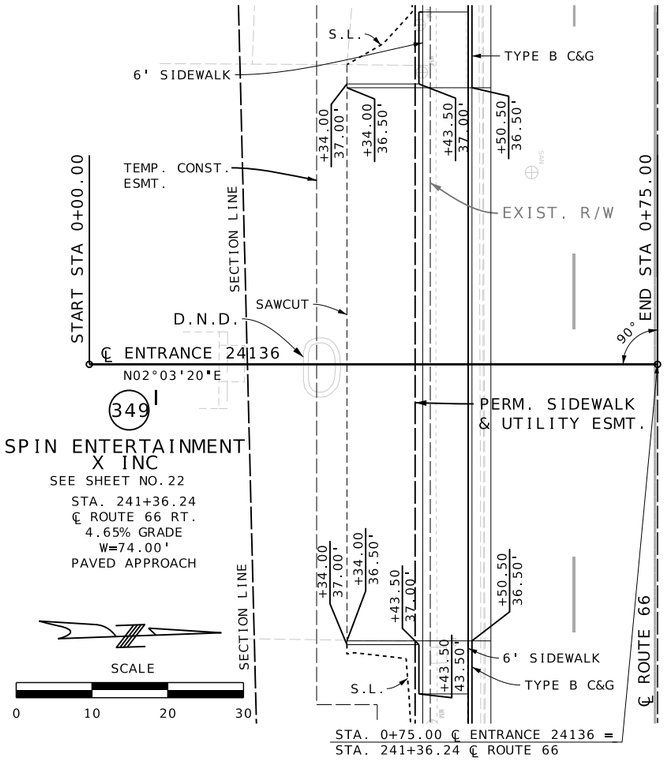
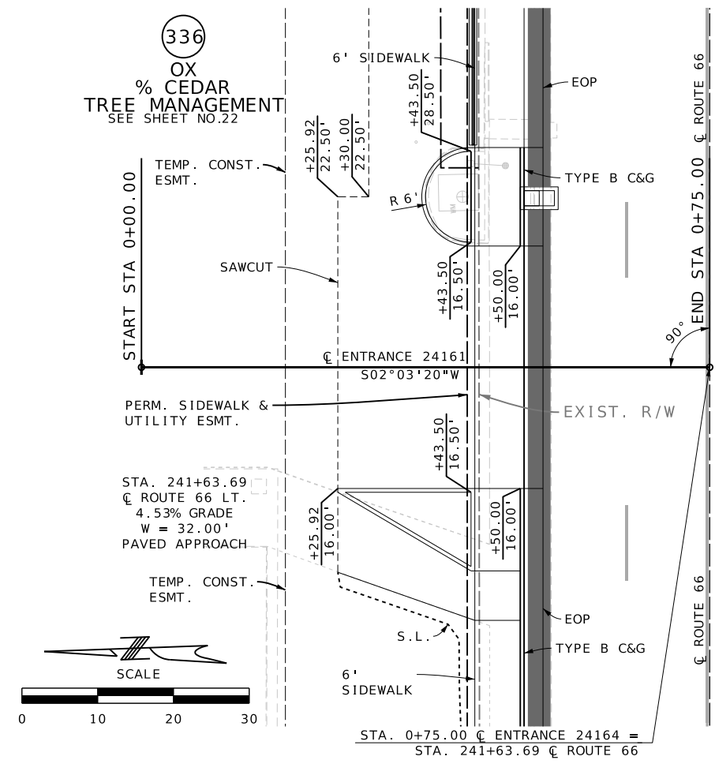
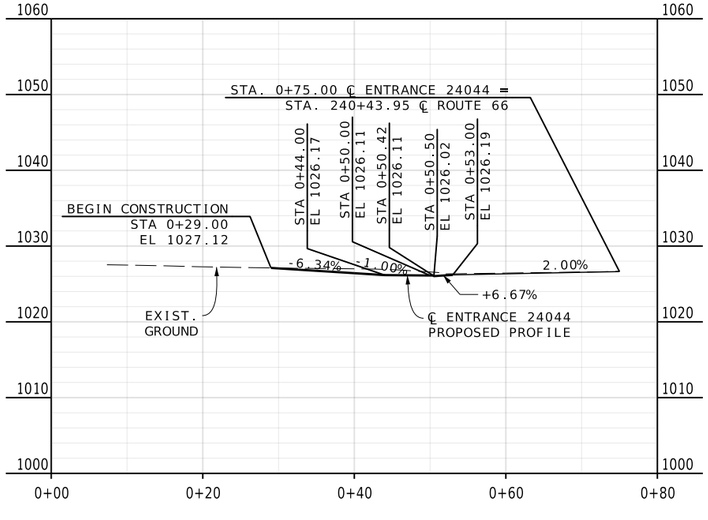
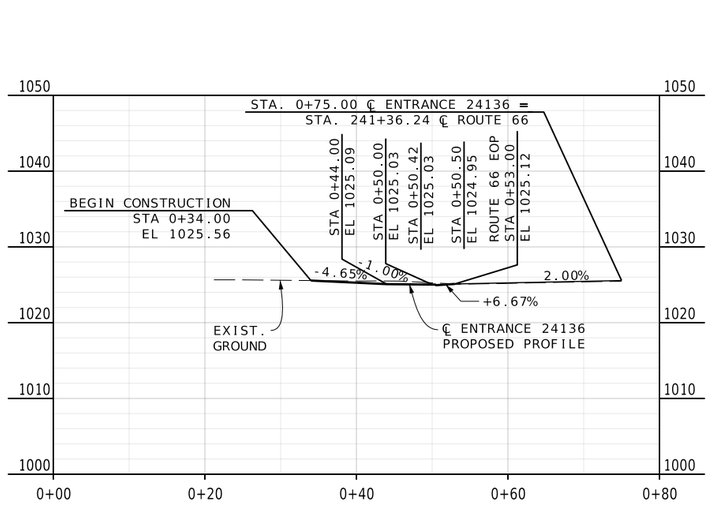
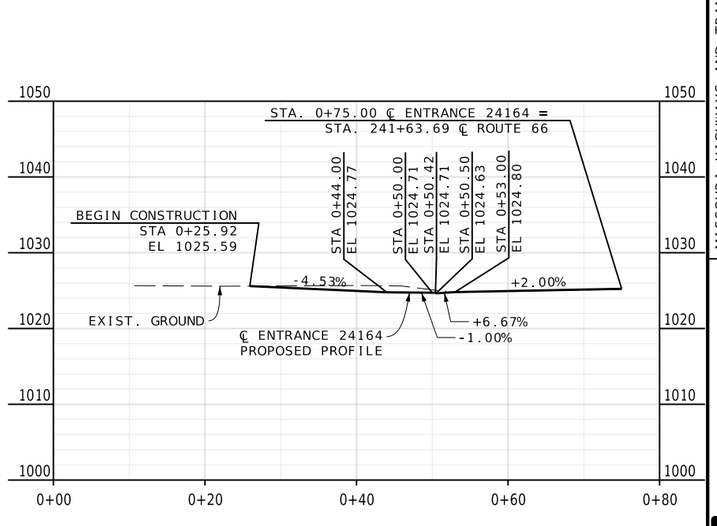












REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	48

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

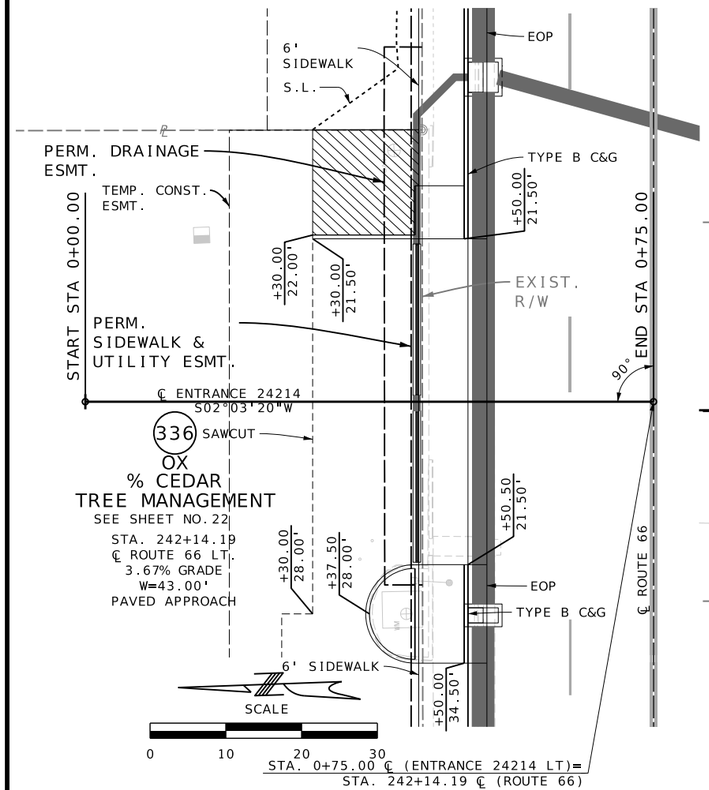
DATE	DESCRIPTION

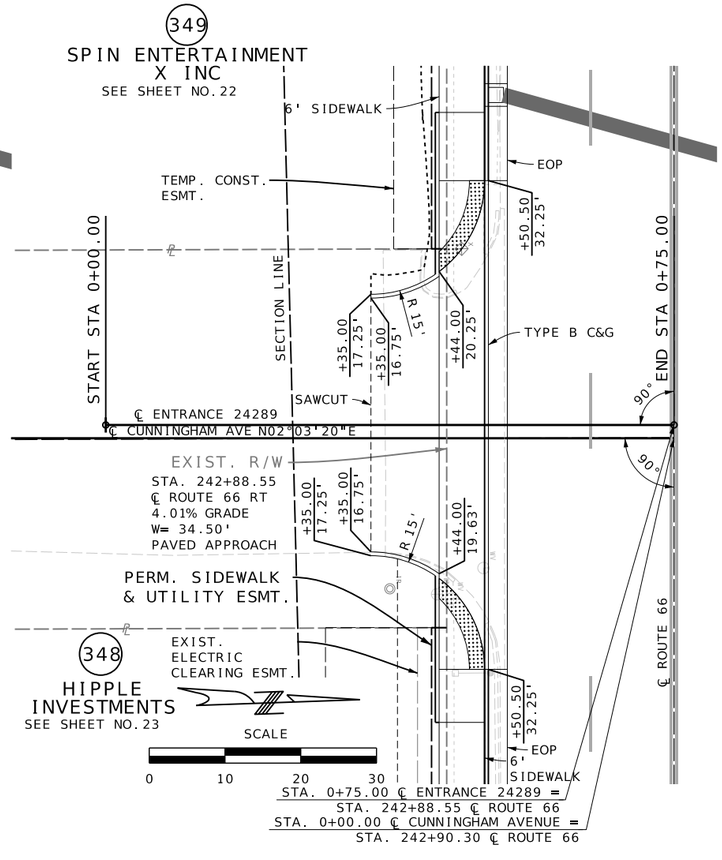
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

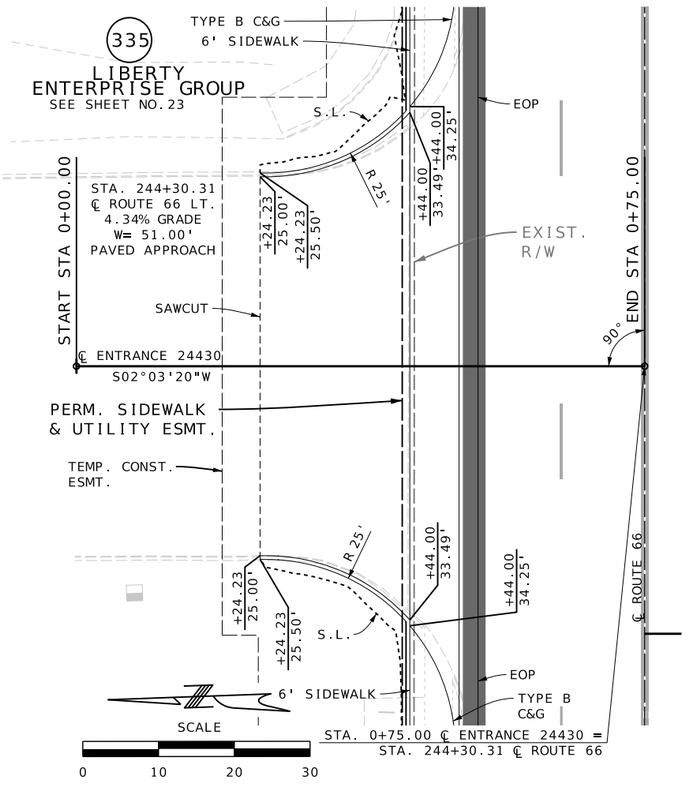
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

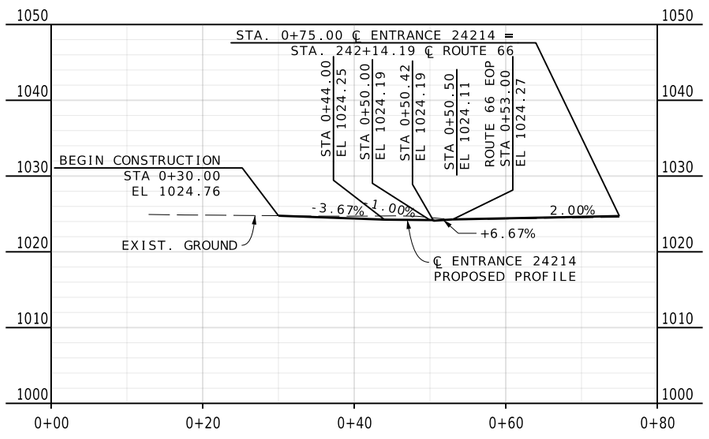
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

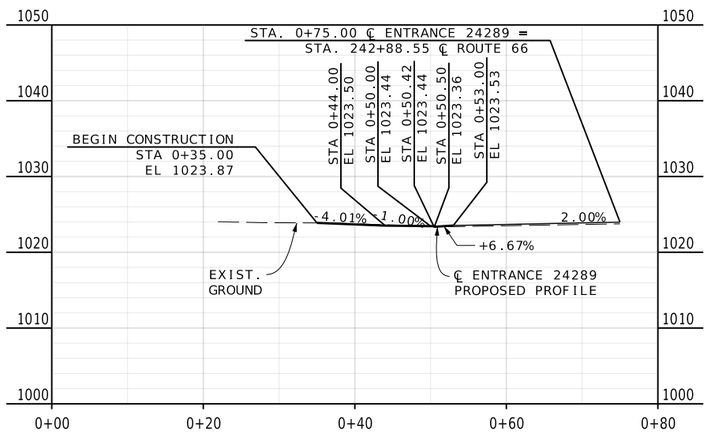
SPECIAL SHEET
ENTRANCES
SHEET 21 OF 46

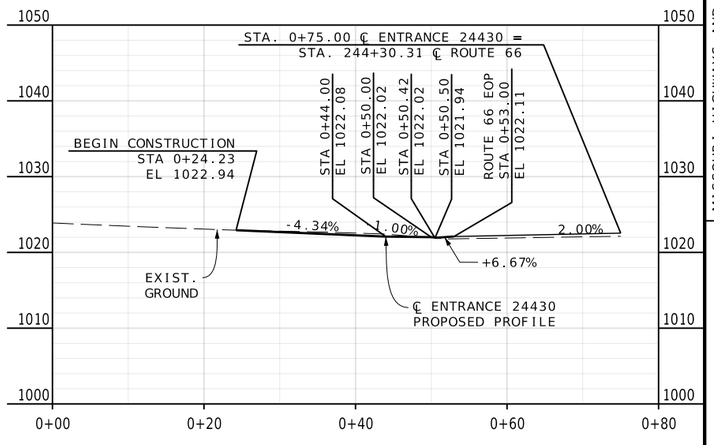












REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	49

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

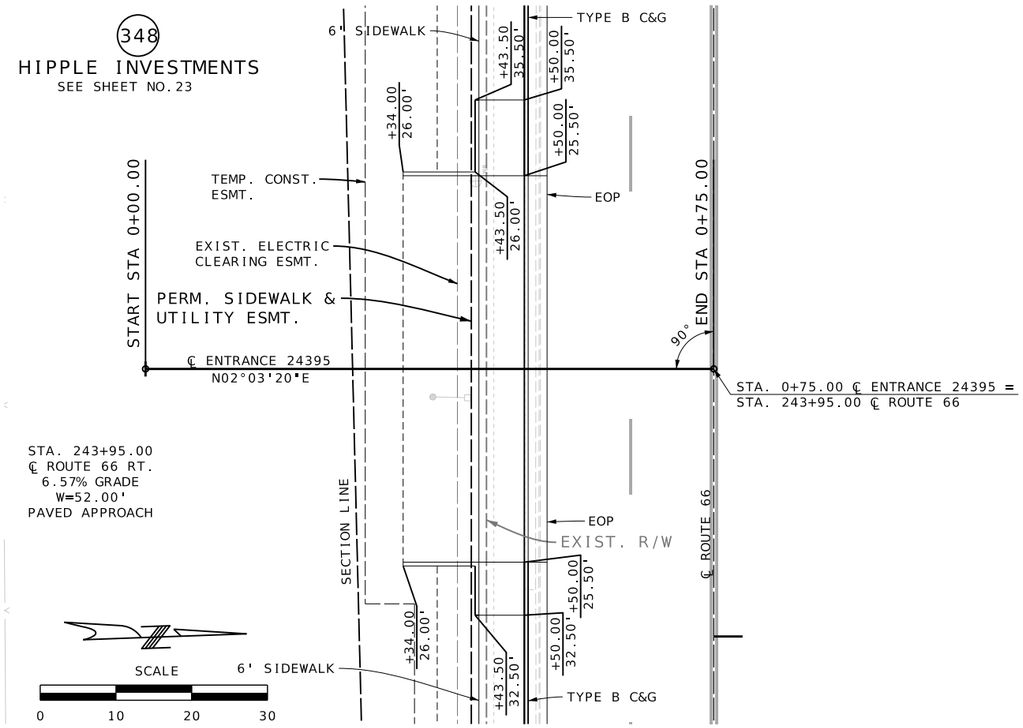
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

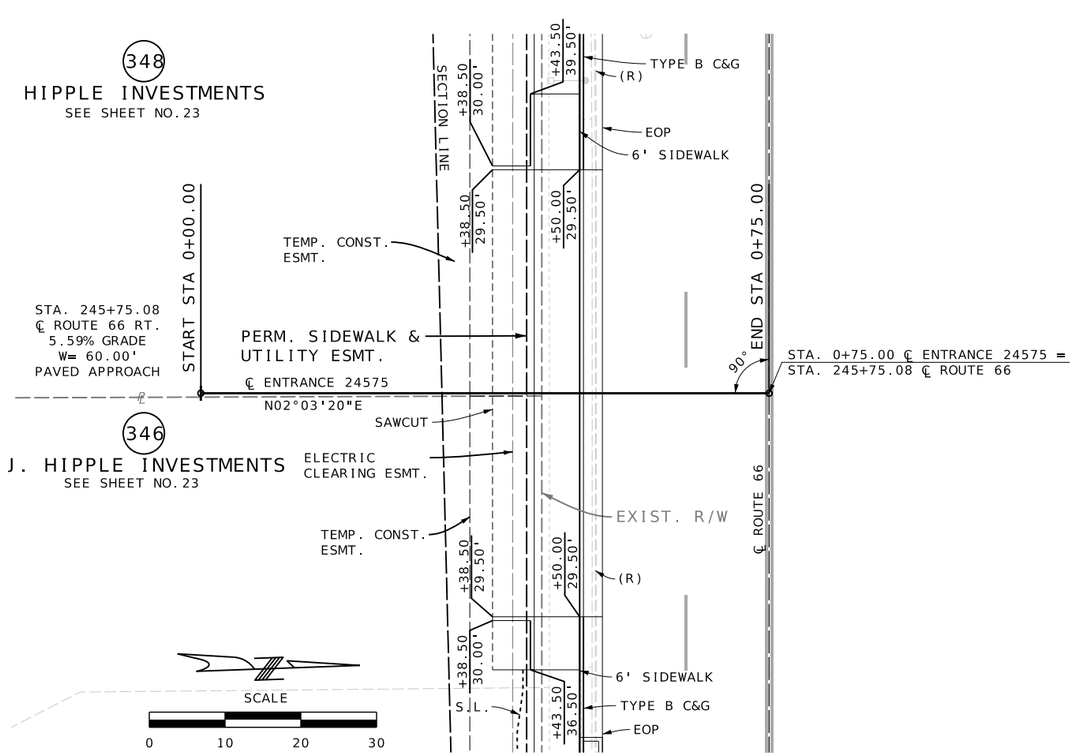
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

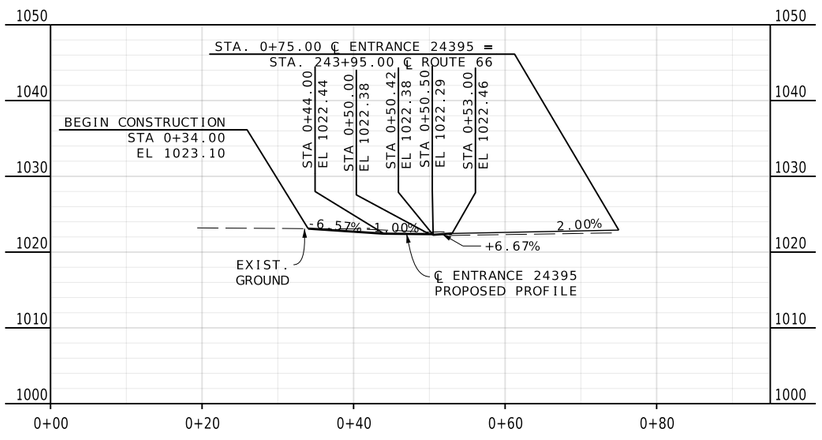
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

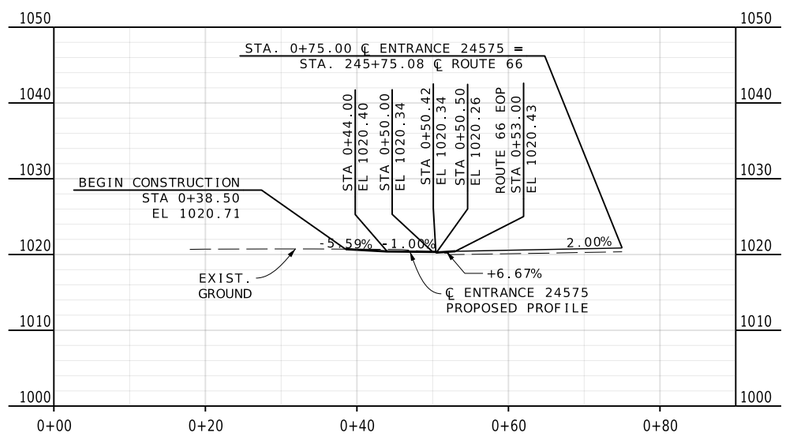
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 22 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	50

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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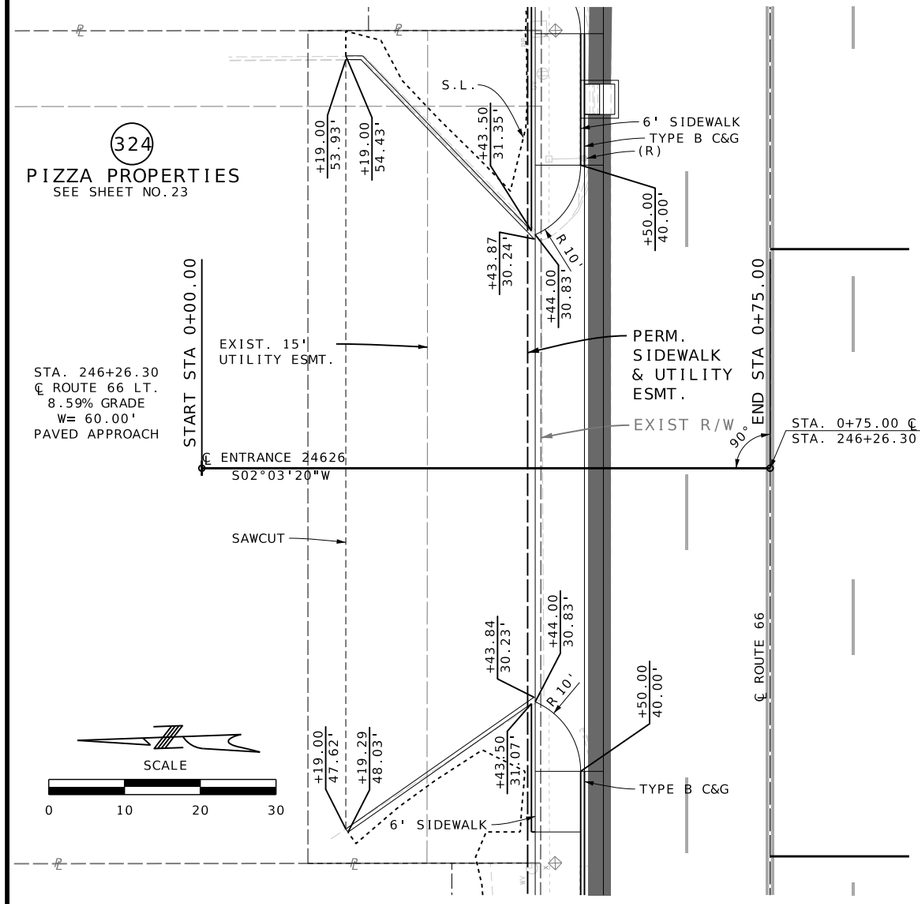
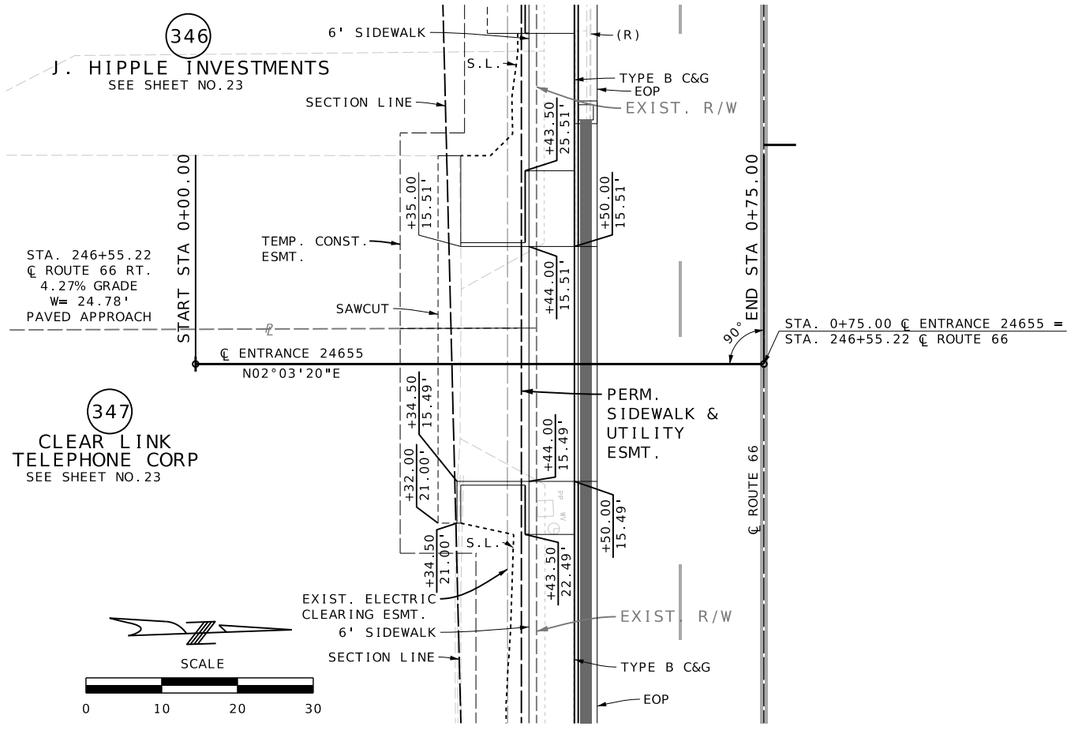
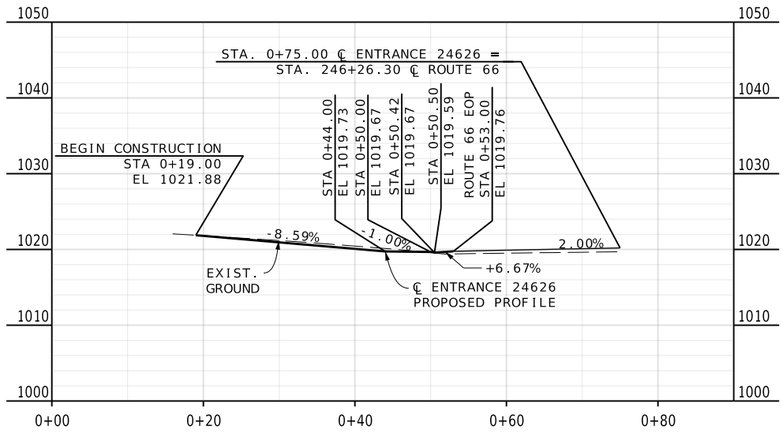
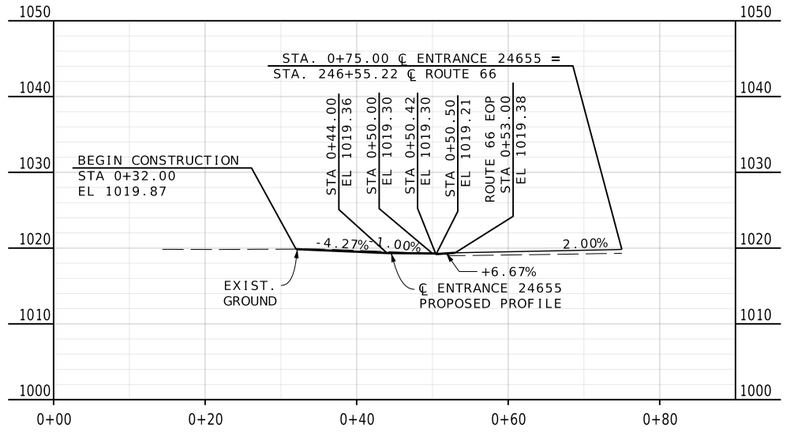
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 23 OF 46









SPECIAL SHEET
ENTRANCES
SHEET 24 OF 46

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	51

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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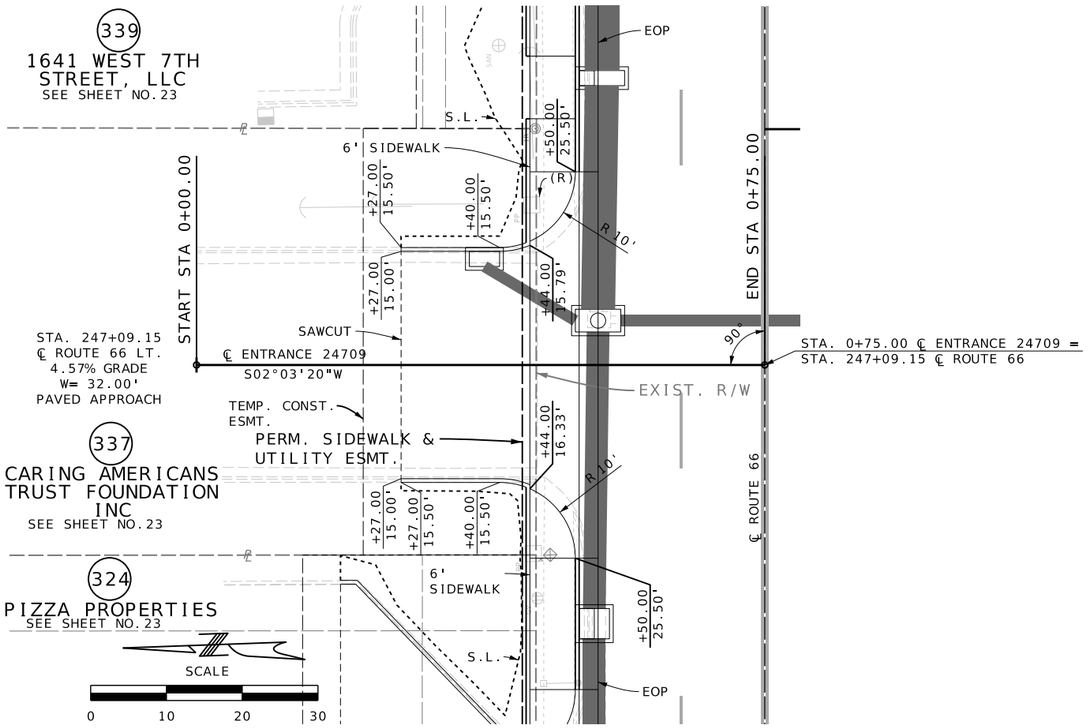
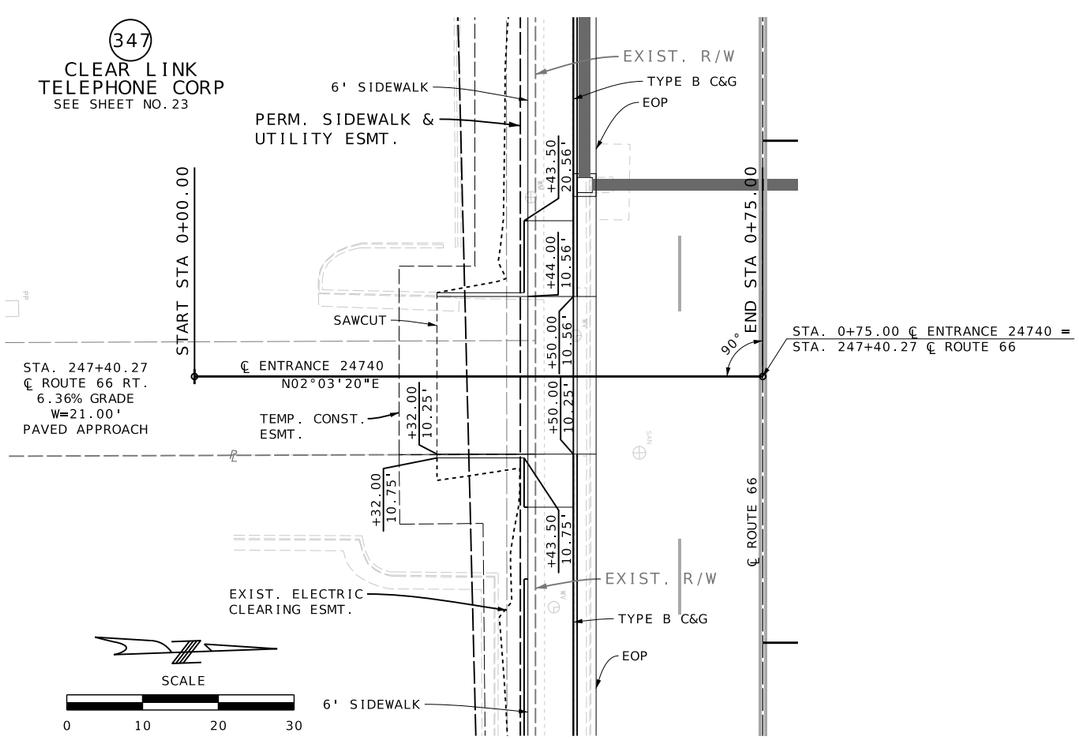
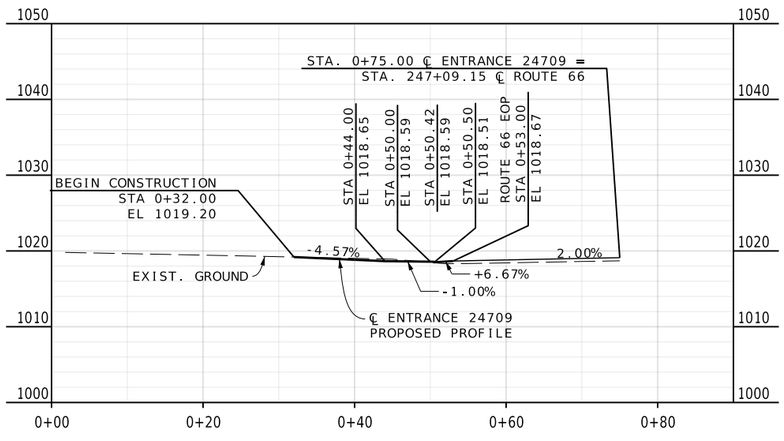
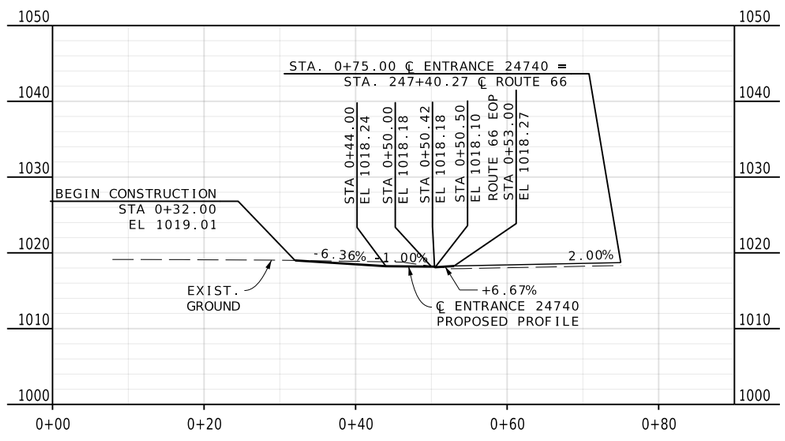








REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED: 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	52

COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

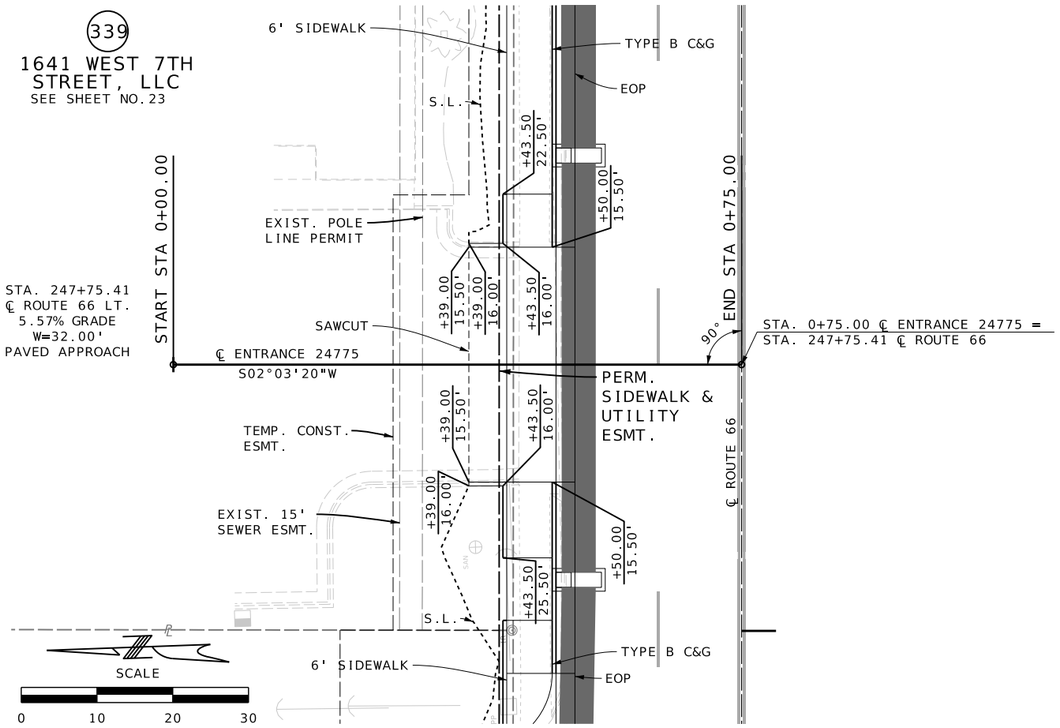
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

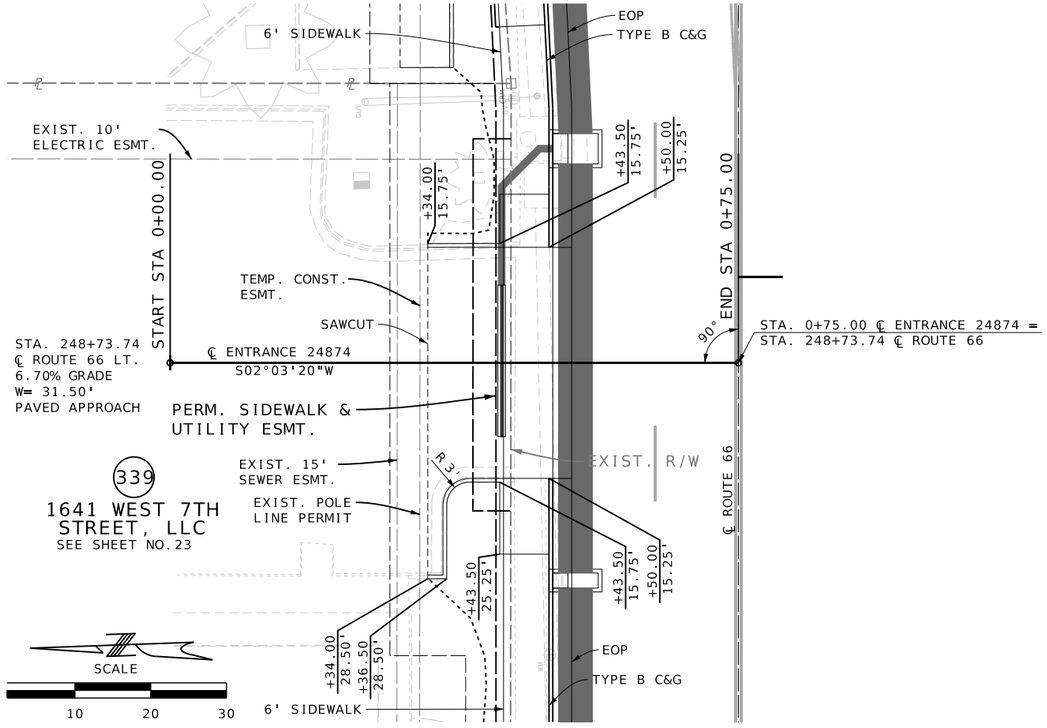
DESCRIPTION	DATE

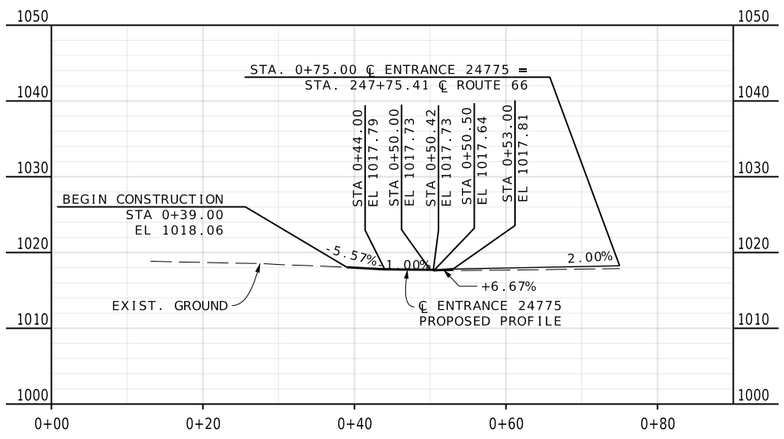
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

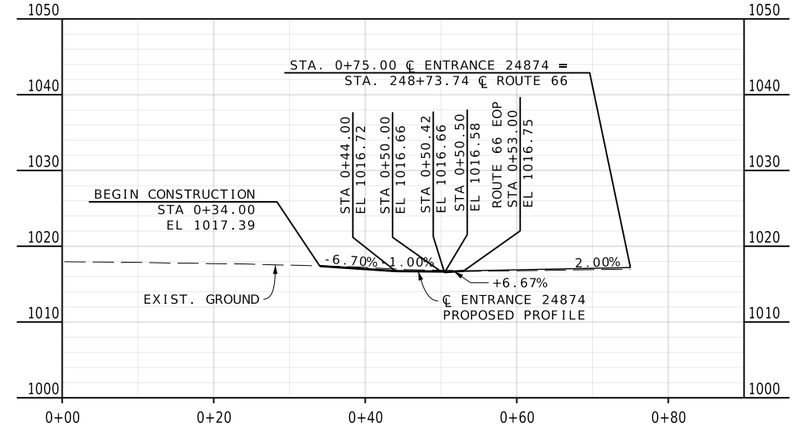
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 25 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	53

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

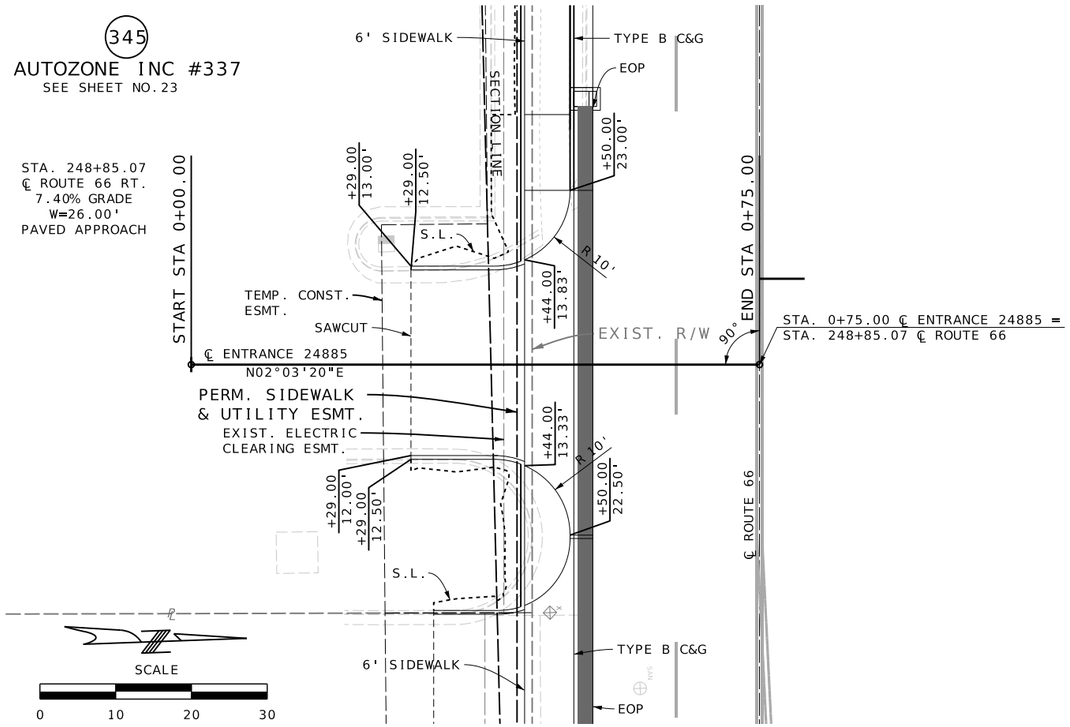
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

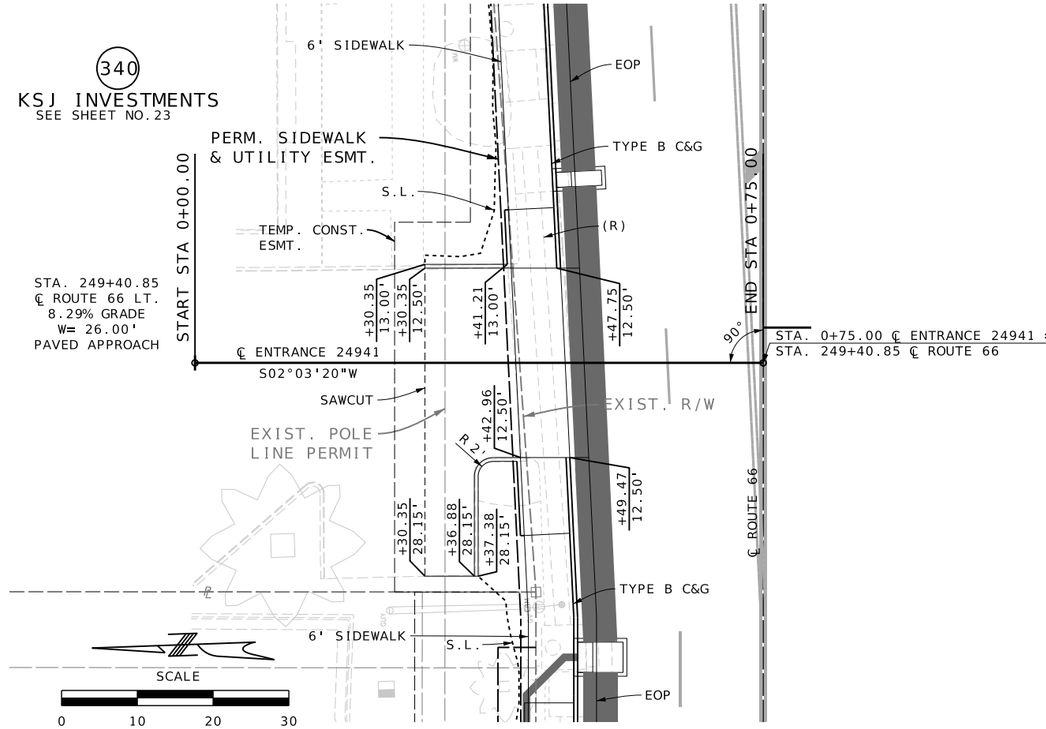
DESCRIPTION	DATE

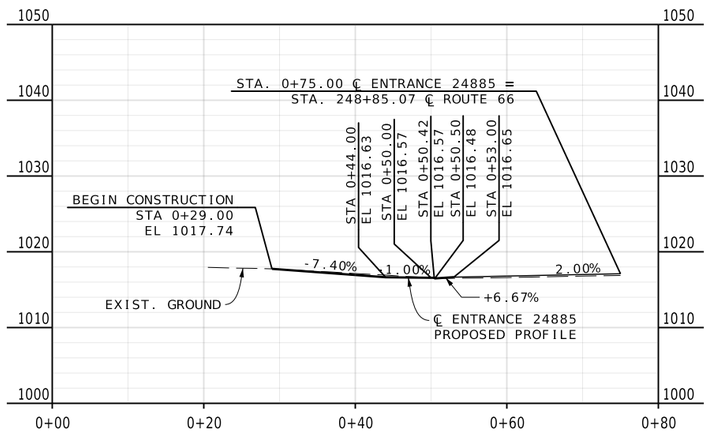
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

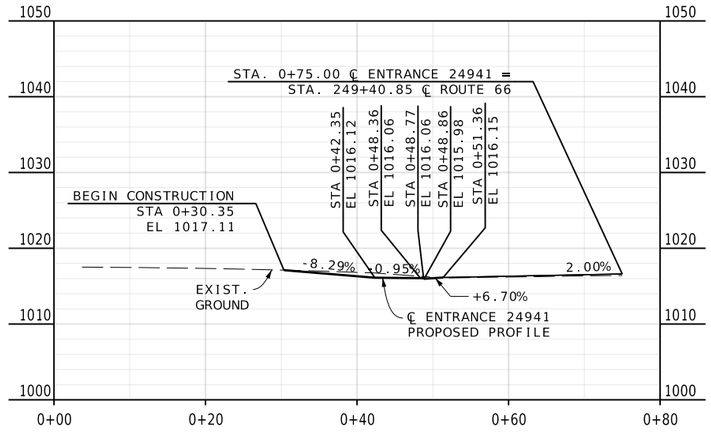
olsson
1301 BBBDIINGTONOBTBESTREESTE. 100
NORSFARKMNGSASLDOITMO 8B8006116
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 26 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	54

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

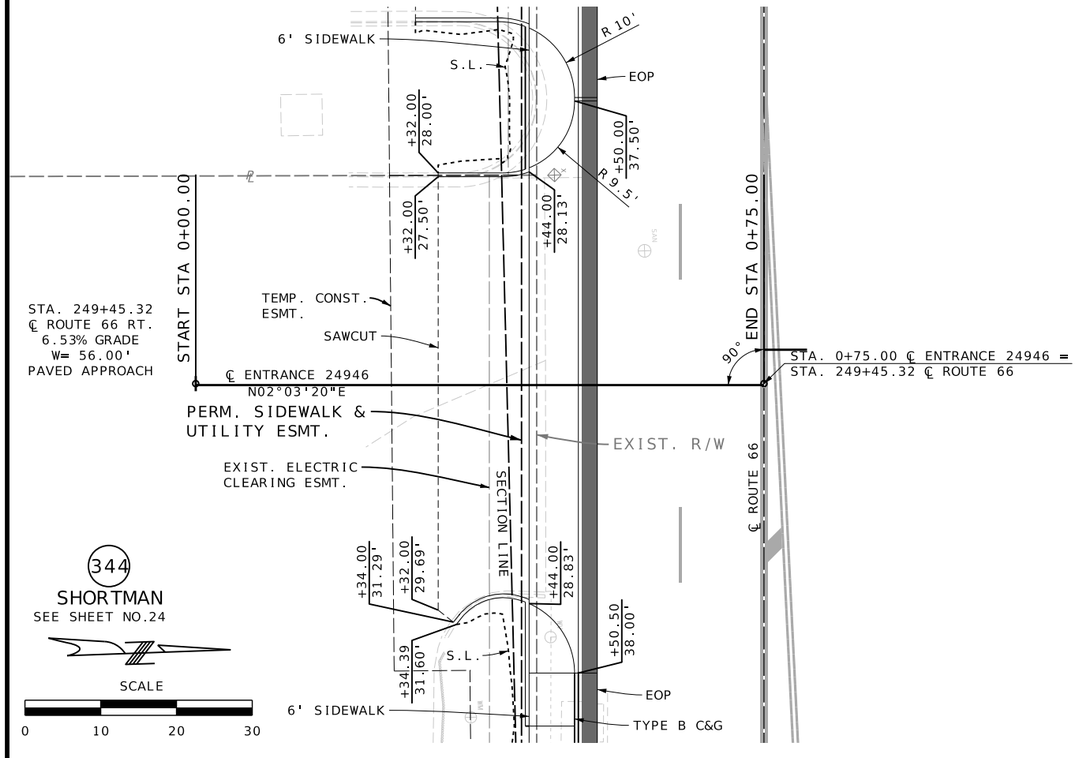
DESCRIPTION	DATE

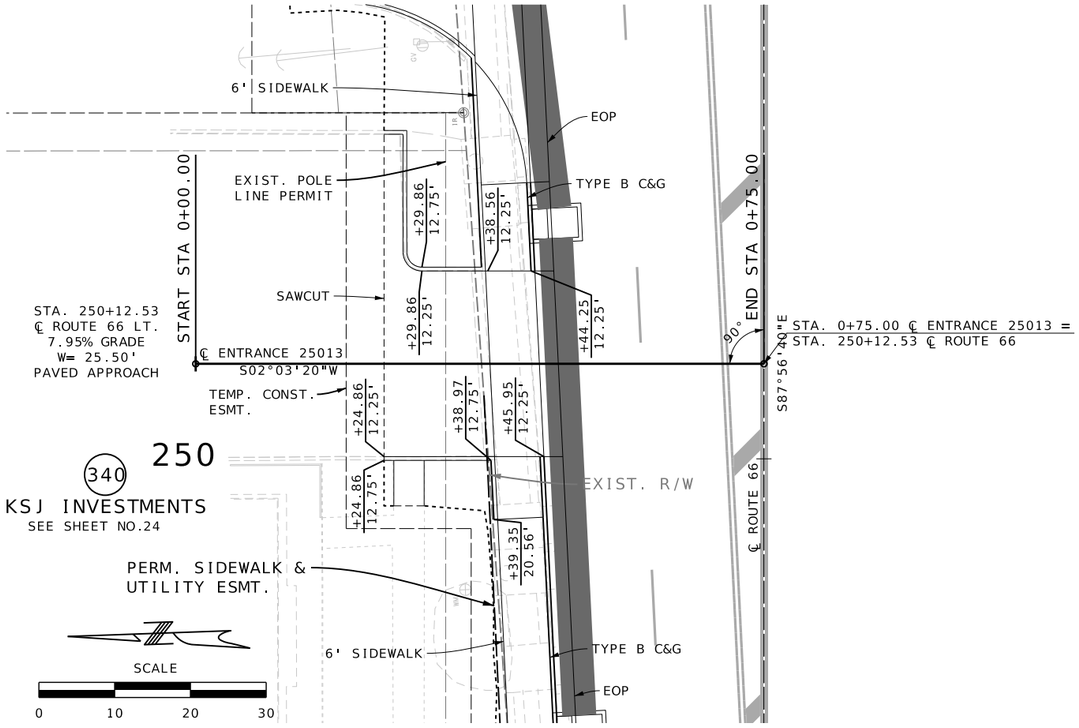
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

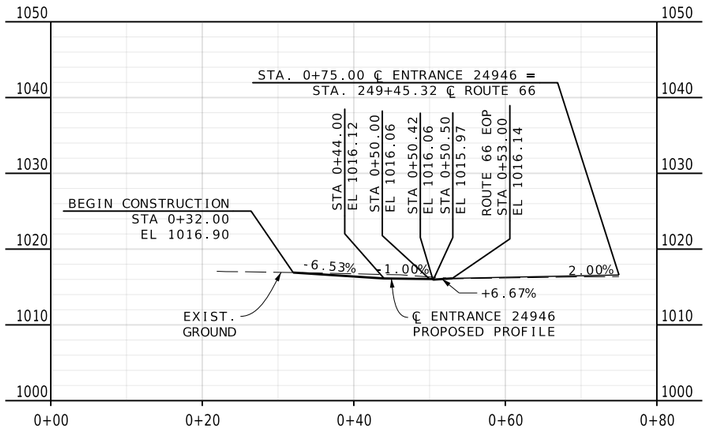
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

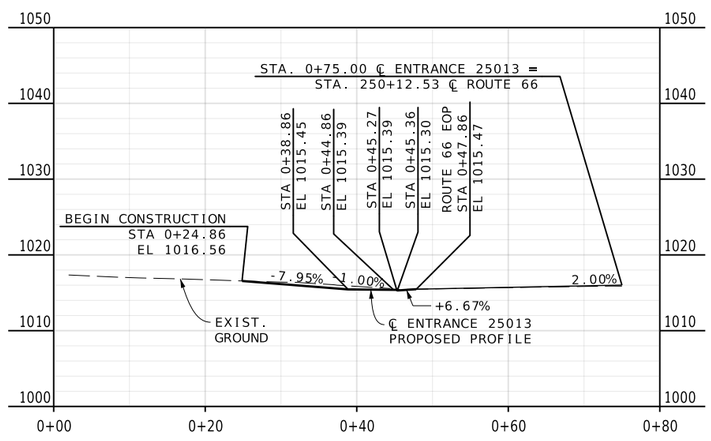
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 27 OF 46









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	55

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

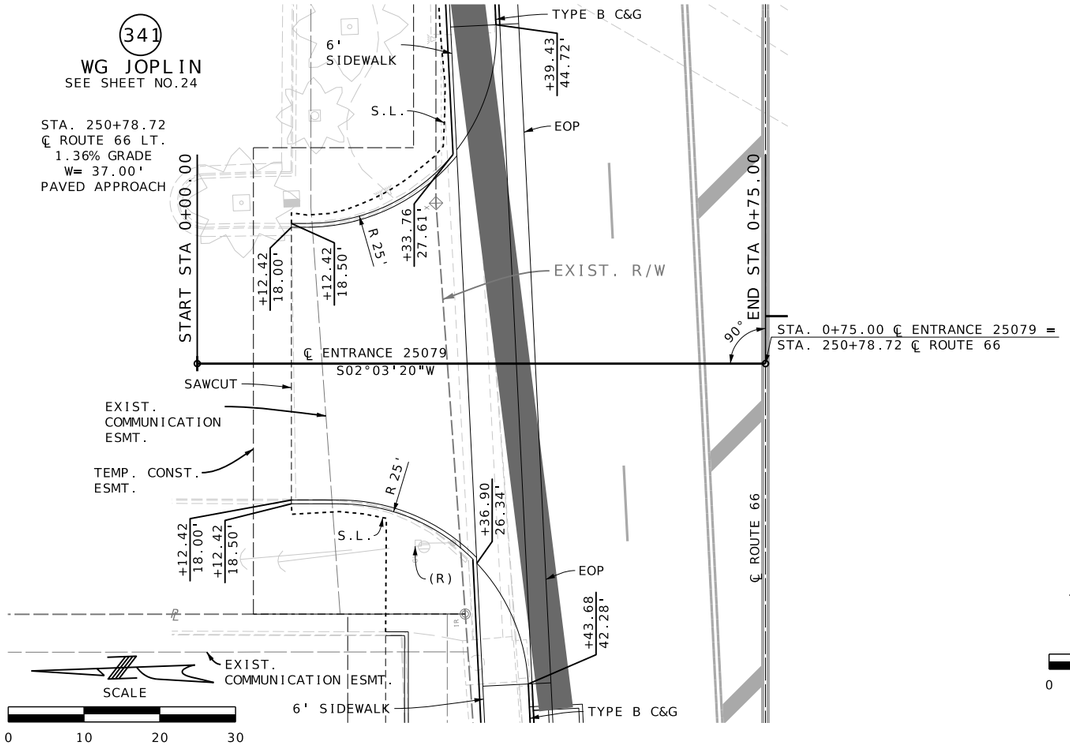
DATE

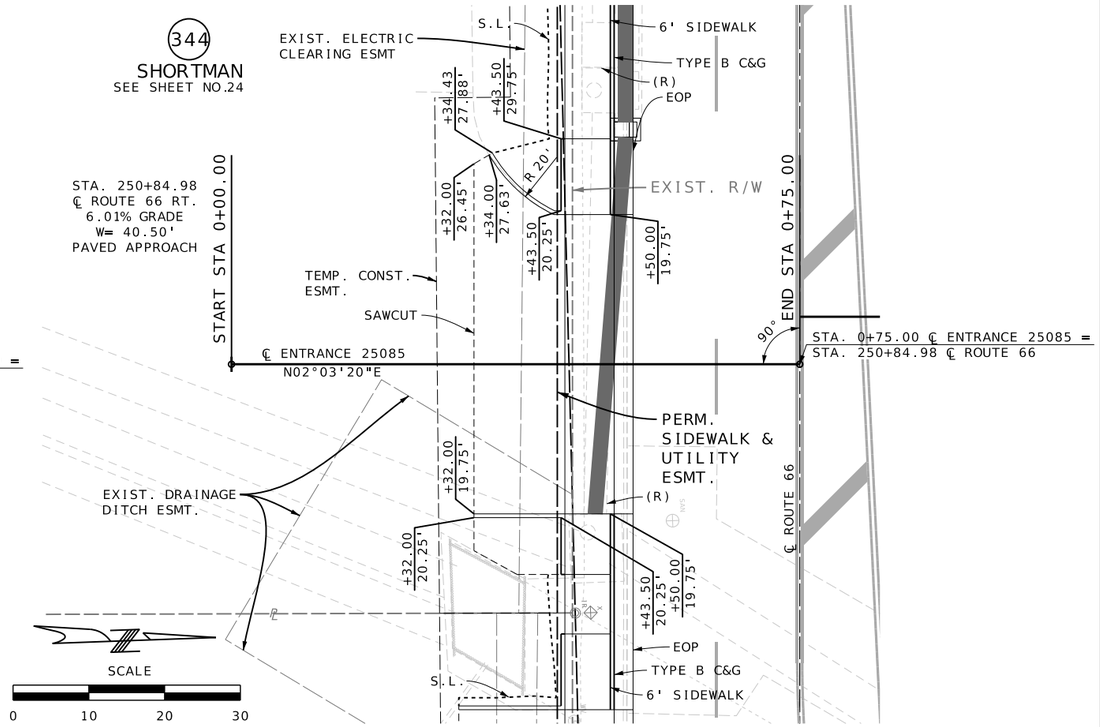
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

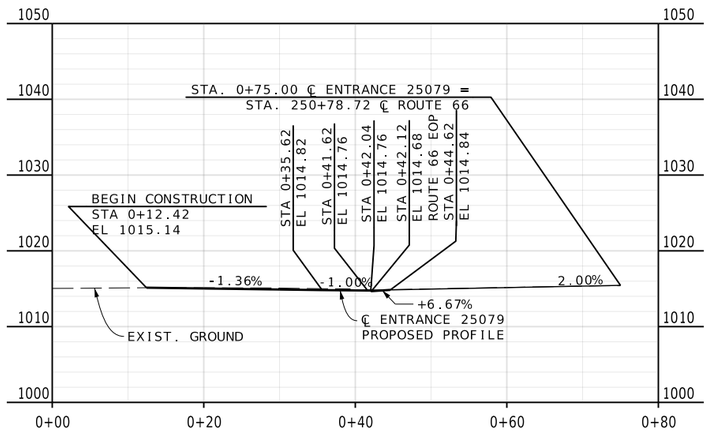
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

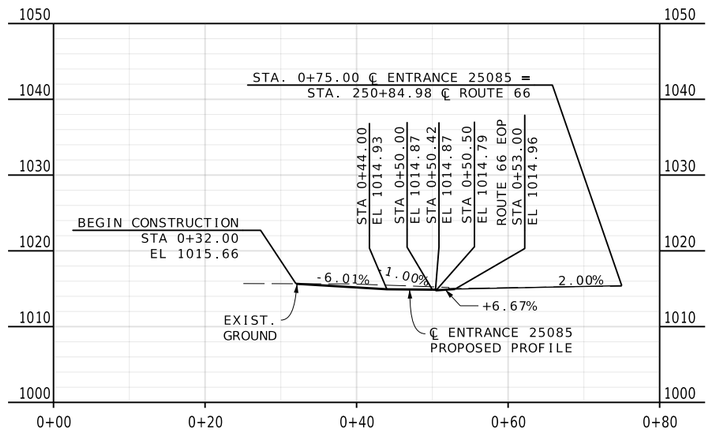
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 28 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	56

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

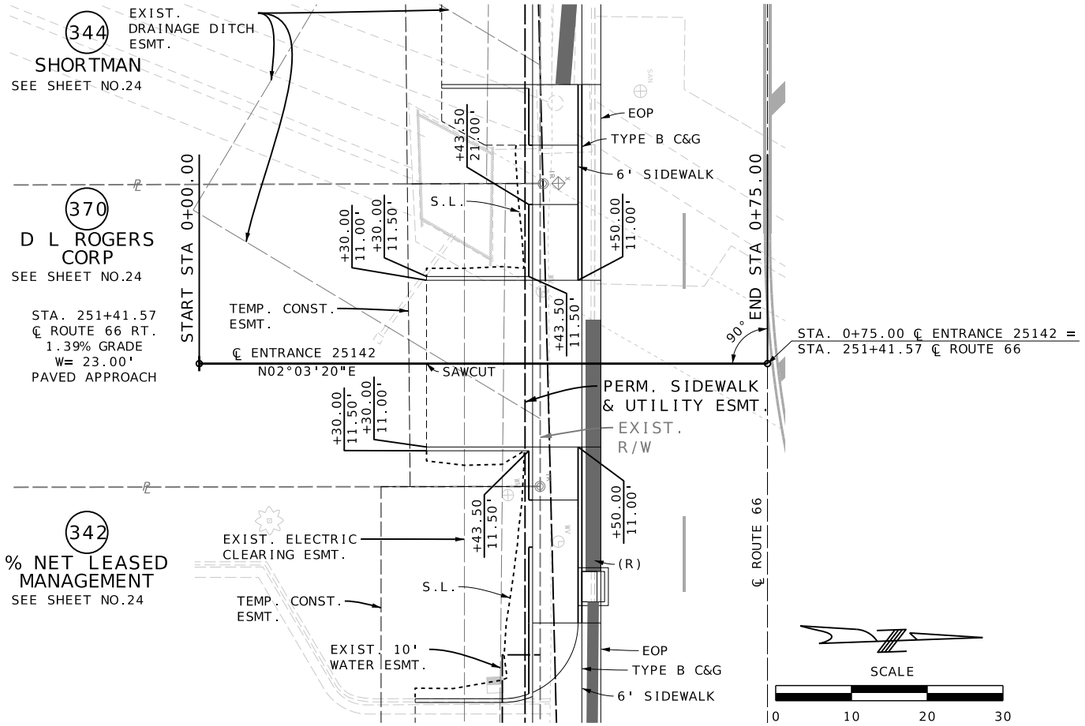
DESCRIPTION	DATE

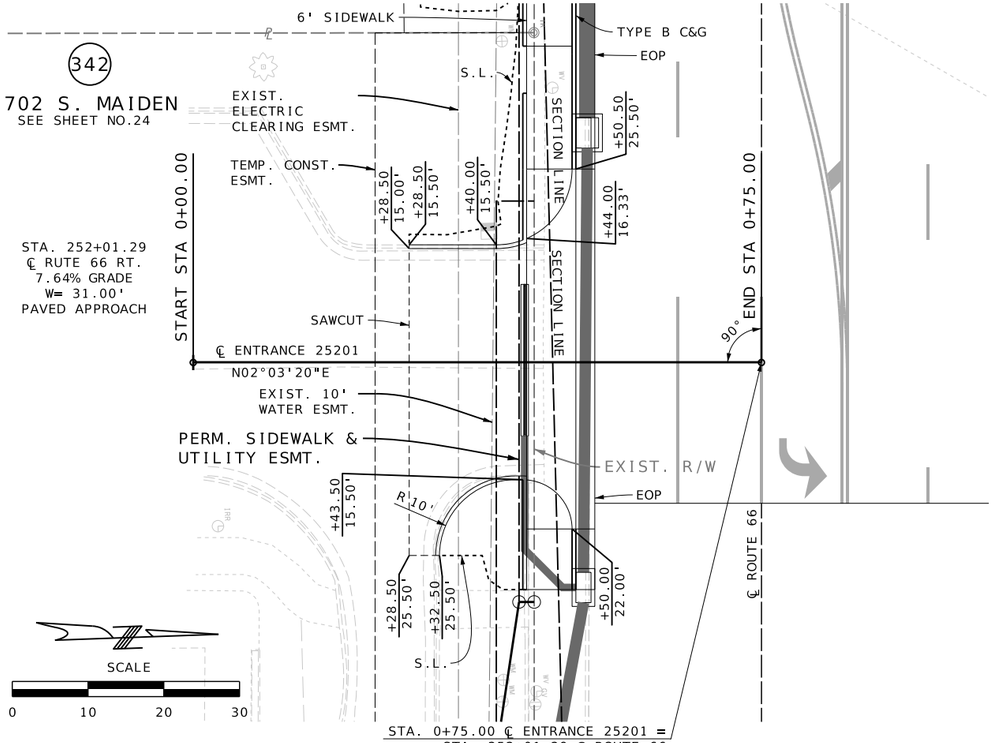
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

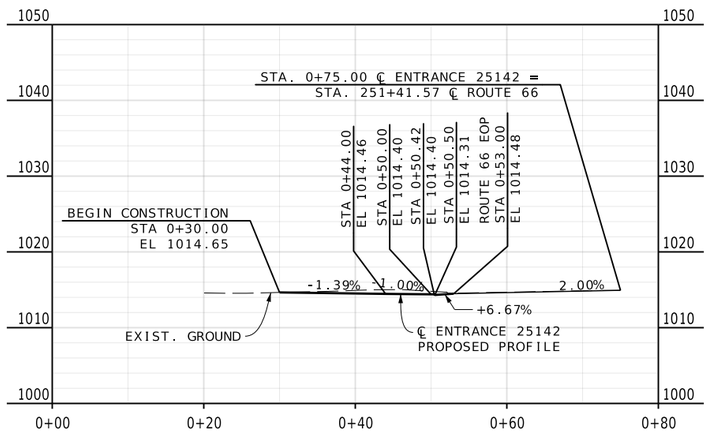
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

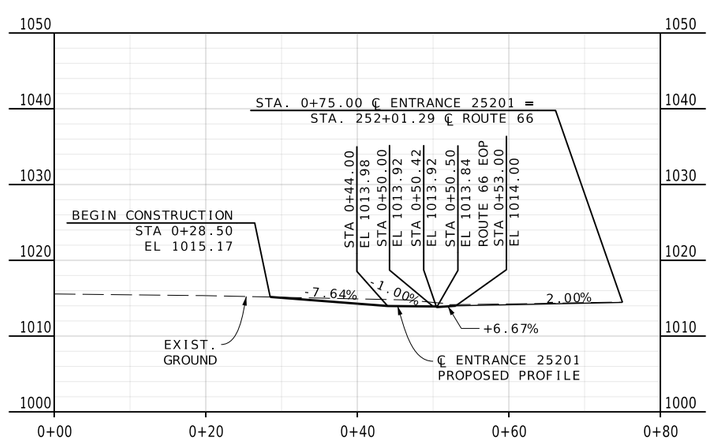
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 29 OF 46









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	57

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

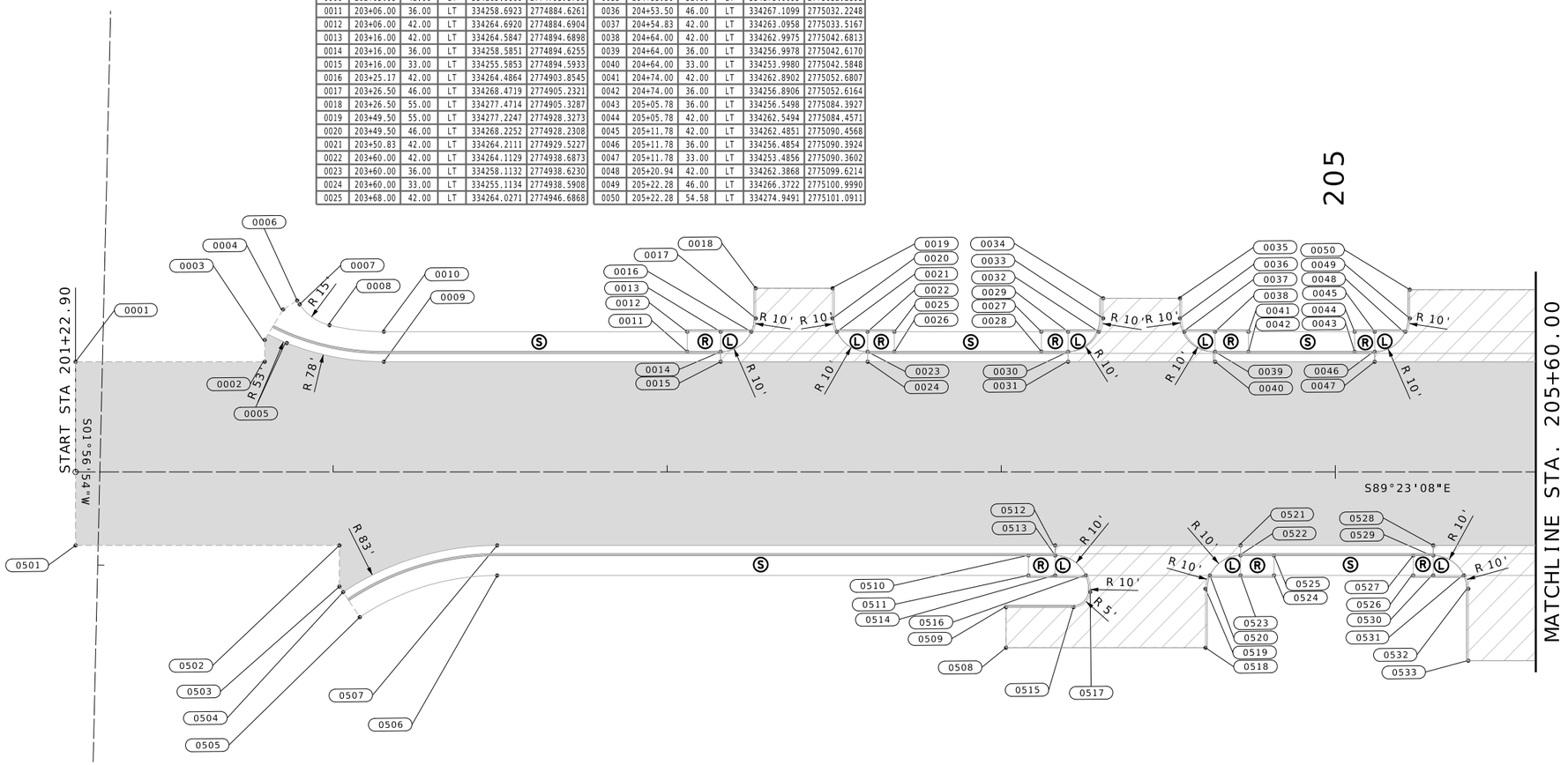
SPECIAL SHEET
ENTRANCES
SHEET 30 OF 46

- TRUNCATED DOMES
- PAVED APPROACH
- PMBP ASPHALT PAVEMENT
- 9.5" PCCP PAVEMENT
- ALTERNATE PAVEMENT

- (S) SIDEWALK
- (R) RAMP
- (T) TRANSITION
- (L) LANDING

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0001	201+22.90	33.00	LT	334257.6562	2774701.5044
0002	201+79.51	33.00	LT	334257.0490	2774758.1155
0003	201+79.51	39.53	LT	334263.5746	2774758.1855
0004	201+85.01	48.65	LT	334272.6441	2774763.7756
0005	201+86.12	38.62	LT	334262.5933	2774764.7853
0006	201+89.23	51.33	LT	334275.2772	2774768.0277
0007	201+90.00	50.19	LT	334274.1240	2774768.7801
0008	201+98.94	43.94	LT	334267.7800	2774777.6552
0009	202+15.18	33.00	LT	334256.6665	2774793.7833
0010	202+15.18	42.00	LT	334265.6660	2774793.8799
0011	203+06.00	36.00	LT	334258.6923	2774884.6261
0012	203+06.00	42.00	LT	334264.6920	2774884.6904
0013	203+16.00	42.00	LT	334264.5847	2774894.6898
0014	203+16.00	36.00	LT	334258.5851	2774894.6255
0015	203+16.00	33.00	LT	334255.5853	2774894.5933
0016	203+25.17	42.00	LT	334264.4864	2774903.8545
0017	203+26.50	46.00	LT	334268.4719	2774905.2321
0018	203+26.50	55.00	LT	334277.4714	2774905.3287
0019	203+49.50	55.00	LT	334277.2247	2774928.3273
0020	203+49.50	46.00	LT	334268.2252	2774928.2308
0021	203+50.83	42.00	LT	334264.2111	2774929.5227
0022	203+60.00	42.00	LT	334264.1129	2774938.6873
0023	203+60.00	36.00	LT	334258.1132	2774938.6230
0024	203+60.00	33.00	LT	334255.1134	2774938.5908
0025	203+68.00	42.00	LT	334264.0271	2774946.6868

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0026	203+68.00	36.00	LT	334258.0274	2774946.6225
0027	204+12.00	42.00	LT	334263.5552	2774990.6843
0028	204+12.00	36.06	LT	334257.6157	2774990.6221
0029	204+20.00	42.00	LT	334263.4694	2774998.6839
0030	204+20.00	36.00	LT	334257.4697	2774998.6195
0031	204+20.00	33.00	LT	334254.4699	2774998.5873
0032	204+29.17	42.00	LT	334263.3711	2775007.8485
0033	204+30.50	46.00	LT	334267.3565	2775009.2261
0034	204+30.50	52.00	LT	334273.3562	2775009.2905
0035	204+53.50	52.00	LT	334273.1095	2775032.2892
0036	204+53.50	46.00	LT	334267.1099	2775032.2248
0037	204+54.83	42.00	LT	334263.0958	2775033.5167
0038	204+64.00	42.00	LT	334262.9975	2775042.6813
0039	204+64.00	36.00	LT	334256.9978	2775042.6170
0040	204+64.00	33.00	LT	334253.9980	2775042.5848
0041	204+74.00	42.00	LT	334262.8902	2775052.6807
0042	204+74.00	36.00	LT	334256.8906	2775052.6164
0043	205+05.78	36.00	LT	334256.5498	2775084.3927
0044	205+05.78	42.00	LT	334262.5494	2775084.4571
0045	205+11.78	42.00	LT	334262.4851	2775090.4568
0046	205+11.78	36.00	LT	334256.4854	2775090.3924
0047	205+11.78	33.00	LT	334253.4856	2775090.3602
0048	205+20.94	42.00	LT	334262.3868	2775099.6214
0049	205+22.28	46.00	LT	334266.3722	2775100.9990
0050	205+22.28	54.58	LT	334274.9491	2775101.0911



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0501	201+22.90	22.00	RT	334202.6594	2774700.9146
0502	202+01.87	22.00	RT	334201.8124	2774779.8849
0503	202+01.87	34.32	RT	334189.4910	2774779.7527
0504	202+02.99	35.99	RT	334187.8162	2774780.8459
0505	202+07.99	43.47	RT	334180.2794	2774785.7650
0506	202+49.09	31.00	RT	334192.3065	2774827.0046
0507	202+49.09	22.00	RT	334201.3060	2774827.1011
0508	204+01.42	52.64	RT	334169.0302	2774979.0948
0509	204+01.42	40.50	RT	334181.1733	2774979.2250
0510	204+08.13	25.00	RT	334196.6005	2774986.0951
0511	204+08.13	31.00	RT	334190.6009	2774986.0308
0512	204+16.13	22.00	RT	334199.5146	2774994.1268
0513	204+16.13	25.00	RT	334196.5147	2774994.0947
0514	204+16.13	31.00	RT	334190.5151	2774994.0303
0515	204+21.61	40.50	RT	334180.9569	2774999.4053
0516	204+25.29	31.00	RT	334190.4168	2775003.1949
0517	204+26.59	35.95	RT	334185.4487	2775004.4331

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0518	204+61.13	52.64	RT	334168.3898	2775038.7955
0519	204+61.13	35.00	RT	334186.0327	2775038.9848
0520	204+62.46	31.00	RT	334190.0182	2775040.3625
0521	204+71.63	22.00	RT	334198.9193	2775049.6236
0522	204+71.63	25.00	RT	334195.9195	2775049.5915
0523	204+71.63	31.00	RT	334189.9199	2775049.5271
0524	204+81.63	31.00	RT	334189.8126	2775059.5265
0525	204+81.63	25.00	RT	334195.8123	2775059.5909
0526	205+23.30	31.00	RT	334189.3657	2775101.1945
0527	205+23.30	25.00	RT	334195.3654	2775101.2589
0528	205+29.30	22.00	RT	334198.3008	2775107.2907
0529	205+29.30	25.00	RT	334195.3010	2775107.2585
0530	205+29.30	31.00	RT	334189.3014	2775107.1942
0531	205+38.46	31.00	RT	334189.2031	2775116.3588
0532	205+39.80	35.00	RT	334185.1890	2775117.6507
0533	205+39.80	56.53	RT	334163.6568	2775117.4197

SCALE
0 20 40 60

SPECIAL SHEET
GEOMETRICS
31 OF 46

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	58

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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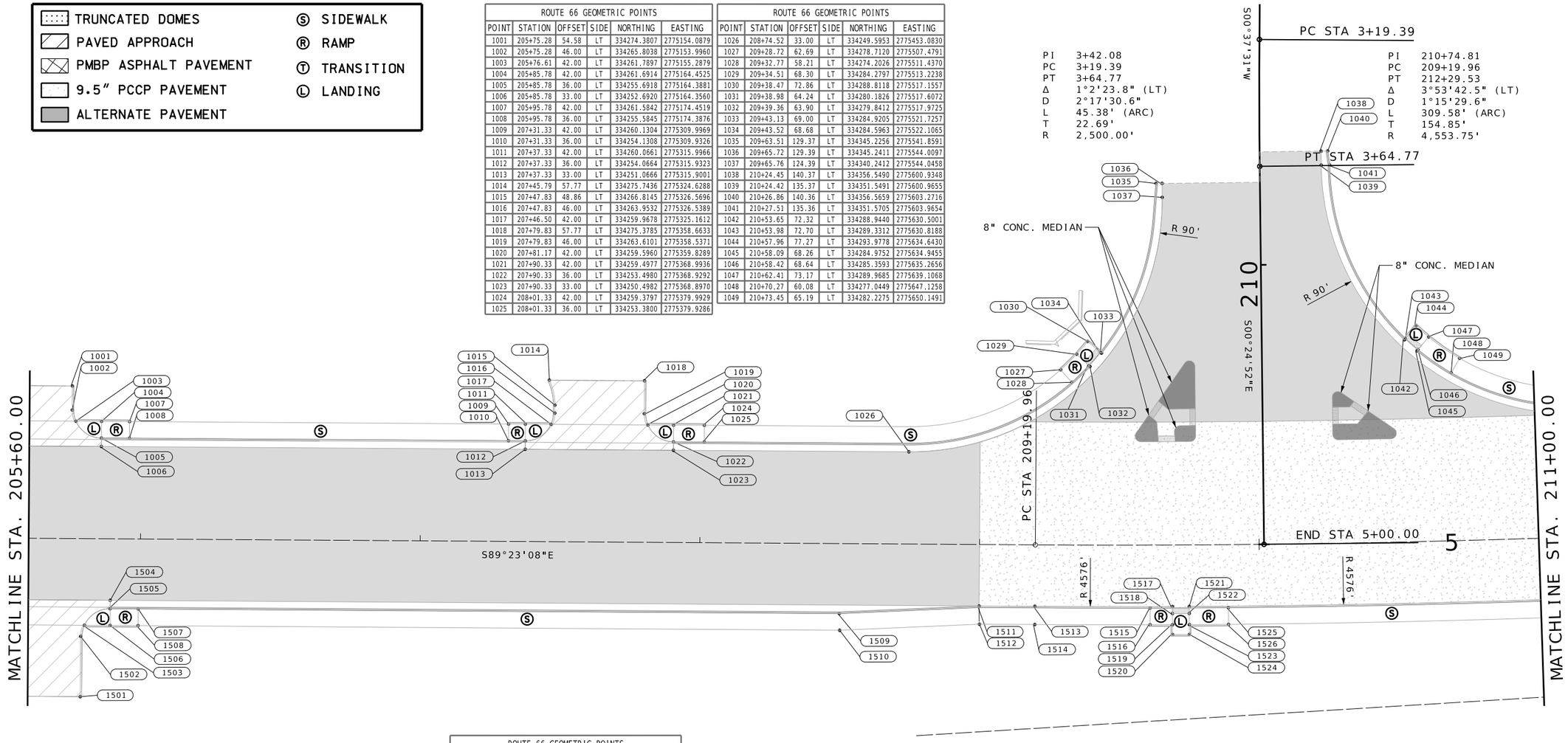
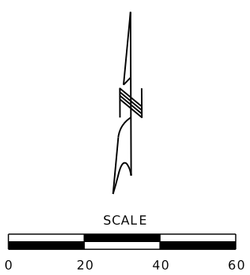
- TRUNCATED DOMES
- PAVED APPROACH
- PMBP ASPHALT PAVEMENT
- 9.5" PCCP PAVEMENT
- ALTERNATE PAVEMENT
- (S) SIDEWALK
- (R) RAMP
- (T) TRANSITION
- (L) LANDING

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1001	205+75.28	54.58	LT	334274.3807	2775154.0879
1002	205+75.28	46.00	LT	334265.8038	2775153.9960
1003	205+76.61	42.00	LT	334261.7897	2775155.2879
1004	205+85.78	42.00	LT	334261.6914	2775164.4525
1005	205+85.78	36.00	LT	334255.6918	2775164.3881
1006	205+85.78	33.00	LT	334252.6920	2775164.3560
1007	205+95.78	42.00	LT	334261.5842	2775174.4519
1008	205+95.78	36.00	LT	334255.5845	2775174.3876
1009	207+31.33	42.00	LT	334260.1304	2775309.9969
1010	207+31.33	36.00	LT	334254.1308	2775309.9326
1011	207+37.33	42.00	LT	334260.0661	2775315.9966
1012	207+37.33	36.00	LT	334254.0664	2775315.9323
1013	207+37.33	33.00	LT	334251.0666	2775315.9001
1014	207+45.79	57.77	LT	334275.7436	2775324.6288
1015	207+47.83	48.86	LT	334266.8145	2775326.5696
1016	207+47.83	46.00	LT	334263.9532	2775326.5389
1017	207+46.50	42.00	LT	334259.9678	2775325.1612
1018	207+79.83	57.77	LT	334275.3785	2775358.6633
1019	207+79.83	46.00	LT	334263.6101	2775358.5371
1020	207+81.17	42.00	LT	334259.5960	2775359.8289
1021	207+90.33	42.00	LT	334259.4977	2775368.9936
1022	207+90.33	36.00	LT	334253.4980	2775368.9292
1023	207+90.33	33.00	LT	334250.4982	2775368.8970
1024	208+01.33	42.00	LT	334259.3797	2775379.9929
1025	208+01.33	36.00	LT	334253.3800	2775379.9286

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1026	208+74.52	33.00	LT	334249.5953	2775453.0830
1027	209+28.72	62.69	LT	334278.7120	2775507.4791
1028	209+32.77	58.21	LT	334274.2026	2775511.4370
1029	209+34.51	68.30	LT	334284.2797	2775513.2238
1030	209+38.47	72.86	LT	334288.8118	2775517.1557
1031	209+38.98	64.24	LT	334280.1826	2775517.6072
1032	209+39.36	63.90	LT	334279.8412	2775517.9725
1033	209+43.13	69.00	LT	334284.9205	2775521.7257
1034	209+43.52	68.68	LT	334284.5963	2775522.1065
1035	209+63.51	129.37	LT	334345.2256	2775541.8591
1036	209+65.72	129.39	LT	334345.2411	2775544.0097
1037	209+65.76	124.39	LT	334340.2412	2775544.0458
1038	210+24.45	140.37	LT	334356.5490	2775600.9348
1039	210+24.42	135.37	LT	334351.5491	2775600.9655
1040	210+26.86	140.36	LT	334356.5659	2775603.2716
1041	210+27.51	135.36	LT	334351.5705	2775603.9654
1042	210+53.65	72.32	LT	334288.9440	2775630.5001
1043	210+53.98	72.70	LT	334289.3312	2775630.8188
1044	210+57.96	77.27	LT	334293.9778	2775634.6430
1045	210+58.09	68.26	LT	334284.9752	2775634.9455
1046	210+58.42	68.64	LT	334285.3593	2775635.2656
1047	210+62.41	73.17	LT	334289.9685	2775639.1068
1048	210+70.27	60.08	LT	334277.0449	2775647.1258
1049	210+73.45	65.19	LT	334282.2275	2775650.1491



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1501	205+78.80	56.53	RT	334163.2386	2775156.4175
1502	205+78.80	35.00	RT	334184.7707	2775156.6484
1503	205+80.13	31.00	RT	334188.7562	2775158.0261
1504	205+89.30	22.00	RT	334197.6574	2775167.2872
1505	205+89.30	25.00	RT	334194.6575	2775167.2551
1506	205+89.30	31.00	RT	334188.6579	2775167.1907
1507	205+99.30	25.00	RT	334194.5503	2775177.2545
1508	205+99.30	31.00	RT	334188.5506	2775177.1901
1509	208+50.01	25.00	RT	334191.8615	2775427.9531
1510	208+50.16	31.00	RT	334185.8602	2775428.0386
1511	209+00.00	22.00	RT	334194.3252	2775477.9699
1512	209+00.16	28.50	RT	334187.8238	2775478.0625
1513	209+19.96	22.00	RT	334194.1111	2775497.9259
1514	209+19.96	28.50	RT	334187.6115	2775497.8562
1515	209+60.94	22.50	RT	334193.3548	2775539.1007
1516	209+60.94	28.50	RT	334187.3548	2775539.0903
1517	209+68.90	22.00	RT	334193.8480	2775547.1007
1518	209+68.90	24.50	RT	334191.3480	2775547.1007
1519	209+68.90	28.50	RT	334187.3480	2775547.1008
1520	209+68.90	32.00	RT	334183.8480	2775547.1009
1521	209+74.87	22.00	RT	334193.8521	2775553.1000
1522	209+74.87	24.50	RT	334191.3521	2775553.1034
1523	209+74.87	28.50	RT	334187.3521	2775553.1087
1524	209+74.87	32.00	RT	334183.8521	2775553.1134
1525	209+88.80	22.50	RT	334193.3921	2775567.1006
1526	209+88.80	28.50	RT	334187.3922	2775567.1270



SPECIAL SHEET
GEOMETRICS
32 OF 46

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	59

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

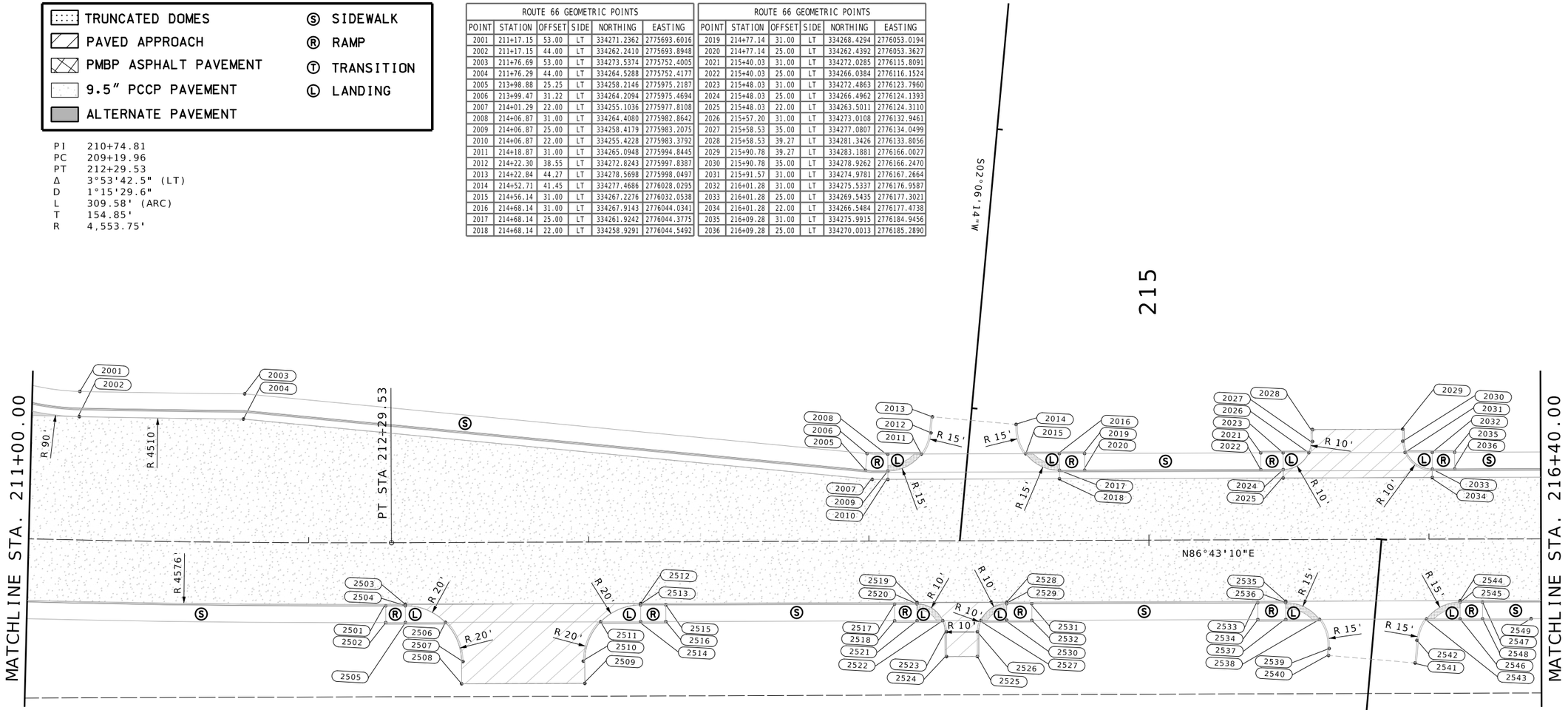
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

- TRUNCATED DOMES
- PAVED APPROACH
- PMBP ASPHALT PAVEMENT
- 9.5" PCCP PAVEMENT
- ALTERNATE PAVEMENT
- (S) SIDEWALK
- (R) RAMP
- (T) TRANSITION
- (L) LANDING

PI 210+74.81
PC 209+19.96
PT 212+29.53
Δ 3°53'42.5" (LT)
D 1°15'29.6"
L 309.58' (ARC)
T 154.85'
R 4,553.75'

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2001	211+17.15	53.00	LT	334271.2362	2775693.6016
2002	211+17.15	44.00	LT	334262.2410	2775693.8948
2003	211+76.69	53.00	LT	334273.5374	2775752.4005
2004	211+76.29	44.00	LT	334264.5288	2775752.4177
2005	213+98.88	25.25	LT	334258.2146	2775975.2187
2006	213+99.47	31.22	LT	334264.2094	2775975.4694
2007	214+01.29	22.00	LT	334255.1036	2775977.8108
2008	214+06.87	31.00	LT	334264.4080	2775982.8642
2009	214+06.87	25.00	LT	334258.4179	2775983.2075
2010	214+06.87	22.00	LT	334255.4228	2775983.3792
2011	214+18.87	31.00	LT	334265.0948	2775994.8445
2012	214+22.30	38.55	LT	334272.8243	2775997.8387
2013	214+22.84	44.27	LT	334278.5698	2775998.0497
2014	214+52.71	41.45	LT	334277.4686	2776028.0295
2015	214+56.14	31.00	LT	334267.2276	2776032.0538
2016	214+68.14	31.00	LT	334267.9143	2776044.0341
2017	214+68.14	25.00	LT	334261.9242	2776044.3775
2018	214+68.14	22.00	LT	334258.9291	2776044.5492

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2019	214+77.14	31.00	LT	334268.4294	2776053.0194
2020	214+77.14	25.00	LT	334262.4392	2776053.3627
2021	215+40.03	31.00	LT	334272.0285	2776115.8091
2022	215+40.03	25.00	LT	334266.0384	2776116.1524
2023	215+48.03	31.00	LT	334272.4863	2776123.7960
2024	215+48.03	25.00	LT	334266.4962	2776124.1393
2025	215+48.03	22.00	LT	334263.5011	2776124.3110
2026	215+57.20	31.00	LT	334273.0108	2776132.9461
2027	215+58.53	35.00	LT	334277.0807	2776134.0499
2028	215+58.53	39.27	LT	334281.3426	2776133.8056
2029	215+90.78	39.27	LT	334283.1881	2776166.0027
2030	215+90.78	35.00	LT	334278.9262	2776166.2470
2031	215+91.57	31.00	LT	334274.9781	2776167.2664
2032	216+01.28	31.00	LT	334275.5337	2776176.9587
2033	216+01.28	25.00	LT	334269.5435	2776177.3021
2034	216+01.28	22.00	LT	334266.5484	2776177.4738
2035	216+09.28	31.00	LT	334275.9915	2776184.9456
2036	216+09.28	25.00	LT	334270.0013	2776185.2890



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2501	212+27.43	22.50	RT	334200.7268	2775806.7701
2502	212+27.43	28.50	RT	334194.7364	2775807.1094
2503	212+34.42	22.00	RT	334201.6261	2775813.7300
2504	212+34.42	22.50	RT	334201.1270	2775813.7587
2505	212+34.42	28.50	RT	334195.1368	2775814.1020
2506	212+48.70	28.50	RT	334195.9542	2775828.3615
2507	212+54.92	42.50	RT	334182.3329	2775835.3696
2508	212+54.42	50.44	RT	334174.3774	2775835.3248
2509	212+98.42	50.44	RT	334176.8954	2775879.2527
2510	212+97.92	42.50	RT	334184.7936	2775878.2991
2511	213+04.13	28.50	RT	334199.1265	2775883.7049
2512	213+18.42	22.00	RT	334206.4332	2775897.5924
2513	213+18.42	22.50	RT	334205.9340	2775897.6210
2514	213+18.42	28.50	RT	334199.9438	2775897.9644
2515	213+27.42	22.50	RT	334206.4491	2775906.6062
2516	213+27.42	28.50	RT	334200.4589	2775906.9496
2517	214+09.11	22.50	RT	334211.1242	2775988.1670
2518	214+09.11	28.50	RT	334205.1340	2775988.5103
2519	214+17.11	22.00	RT	334212.0812	2775996.1253
2520	214+17.11	22.50	RT	334211.5820	2775996.1539
2521	214+17.11	28.50	RT	334205.5918	2775996.4972
2522	214+26.28	28.50	RT	334206.1163	2776005.6474
2523	214+27.61	32.50	RT	334202.1993	2776007.2089
2524	214+27.61	41.31	RT	334193.4005	2776007.7133
2525	214+38.61	41.31	RT	334194.0300	2776018.6953

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2526	214+38.61	32.50	RT	334202.8287	2776018.1909
2527	214+39.95	28.50	RT	334206.8986	2776019.2947
2528	214+49.11	22.00	RT	334213.9124	2776028.0728
2529	214+49.11	22.50	RT	334213.4132	2776028.1014
2530	214+49.12	28.42	RT	334207.5048	2776028.4443
2531	214+58.11	22.50	RT	334213.9283	2776037.0867
2532	214+58.11	28.50	RT	334207.9381	2776037.4300
2533	215+38.78	22.50	RT	334218.5449	2776117.6268
2534	215+38.78	28.50	RT	334212.5547	2776117.9701
2535	215+48.78	22.00	RT	334219.6163	2776127.5818
2536	215+48.78	22.50	RT	334219.1172	2776127.6104
2537	215+48.78	28.50	RT	334213.1270	2776127.9537
2538	215+60.78	28.50	RT	334213.8137	2776139.9341
2539	215+64.22	38.90	RT	334203.6288	2776143.9603
2540	215+64.00	41.37	RT	334201.1465	2776143.8781
2541	215+94.87	44.17	RT	334200.1207	2776174.8611
2542	215+95.60	36.10	RT	334208.2172	2776175.1292
2543	215+99.04	28.50	RT	334216.0029	2776178.1253
2544	216+11.04	22.00	RT	334223.1789	2776189.7337
2545	216+11.04	22.50	RT	334222.6797	2776189.7623
2546	216+11.04	28.50	RT	334216.6896	2776190.1057
2547	216+19.04	22.50	RT	334223.1376	2776197.7492
2548	216+19.04	28.50	RT	334217.1474	2776198.0925
2549	216+36.38	28.50	RT	334218.1396	2776215.4022

SCALE
0 20 40 60

SPECIAL SHEET
GEOMETRICS
33 OF 46

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 60
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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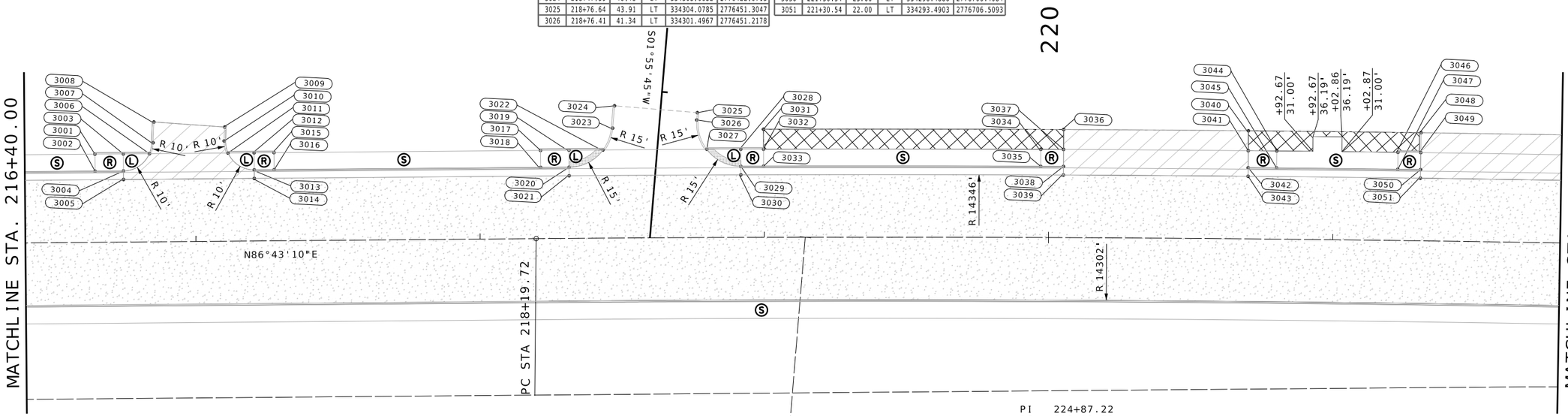
TRUNCATED DOMES	Ⓢ SIDEWALK
PAVED APPROACH	Ⓡ RAMP
PMBP ASPHALT PAVEMENT	Ⓣ TRANSITION
9.5" PCCP PAVEMENT	Ⓛ LANDING
ALTERNATE PAVEMENT	

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3001	216+64.71	31.00	LT	334279.1637	2776240.2880
3002	216+64.71	25.00	LT	334273.1736	2776240.6313
3003	216+74.71	31.00	LT	334279.7360	2776250.2716
3004	216+74.71	25.00	LT	334273.7458	2776250.6149
3005	216+74.71	22.00	LT	334270.7508	2776250.7866
3006	216+83.88	31.00	LT	334280.2605	2776259.4217
3007	216+85.21	34.85	LT	334284.1779	2776260.5331
3008	216+85.55	42.12	LT	334291.4535	2776260.4586
3009	217+10.48	40.13	LT	334290.8973	2776285.4524
3010	217+10.22	35.24	LT	334286.0055	2776285.4811
3011	217+11.56	31.00	LT	334281.8444	2776287.0538
3012	217+20.72	31.00	LT	334282.3689	2776296.2040
3013	217+20.72	25.00	LT	334276.3787	2776296.5473
3014	217+20.72	22.00	LT	334273.3836	2776296.7190
3015	217+27.72	31.00	LT	334282.7695	2776303.1925
3016	217+27.72	25.00	LT	334276.7793	2776303.5358
3017	218+21.51	31.00	LT	334288.1369	2776396.8337
3018	218+21.51	25.00	LT	334282.1466	2776397.1743
3019	218+31.50	31.00	LT	334288.7047	2776406.8218
3020	218+31.50	25.00	LT	334282.7143	2776407.1603
3021	218+31.50	22.00	LT	334279.7190	2776407.3295
3022	218+43.47	31.00	LT	334289.3764	2776418.7993
3023	218+46.89	38.61	LT	334297.1686	2776421.8054
3024	218+47.59	46.48	LT	334305.0632	2776422.0713
3025	218+76.64	43.91	LT	334304.0785	2776451.3047
3026	218+76.41	41.34	LT	334301.4967	2776451.2178

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3027	218+79.91	31.06	LT	334291.4149	2776455.2675
3028	218+91.81	31.00	LT	334291.9872	2776467.1788
3029	218+91.81	25.00	LT	334285.9954	2776467.4920
3030	218+91.81	22.00	LT	334282.9994	2776467.6486
3031	218+99.79	38.00	LT	334299.3932	2776474.8065
3032	218+99.79	31.00	LT	334292.4026	2776475.1680
3033	218+99.79	25.00	LT	334286.4106	2776475.4779
3034	219+97.14	31.00	LT	334297.1097	2776572.6092
3035	219+97.14	25.00	LT	334291.1157	2776572.8784
3036	220+05.15	38.00	LT	334304.4609	2776580.3239
3037	220+05.14	31.00	LT	334297.4671	2776580.6182
3038	220+05.12	25.00	LT	334291.4724	2776580.8704
3039	220+05.12	22.00	LT	334288.4750	2776580.9965
3040	220+69.98	38.00	LT	334307.1933	2776645.2665
3041	220+70.00	31.00	LT	334300.1995	2776645.5607
3042	220+70.01	25.00	LT	334294.2048	2776645.8130
3043	220+70.02	22.00	LT	334291.2074	2776645.9391
3044	220+79.99	31.00	LT	334300.5945	2776655.5707
3045	220+79.99	25.00	LT	334294.5990	2776655.8052
3046	221+22.56	31.00	LT	334302.1980	2776698.1969
3047	221+22.56	25.00	LT	334296.2019	2776698.4135
3048	221+30.57	38.00	LT	334309.4813	2776705.9711
3049	221+30.56	31.00	LT	334302.4852	2776706.2066
3050	221+30.54	25.00	LT	334296.4886	2776706.4084
3051	221+30.54	22.00	LT	334293.4903	2776706.5093



SCALE

0 20 40 60

SPECIAL SHEET
GEOMETRICS
34 OF 46

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	61

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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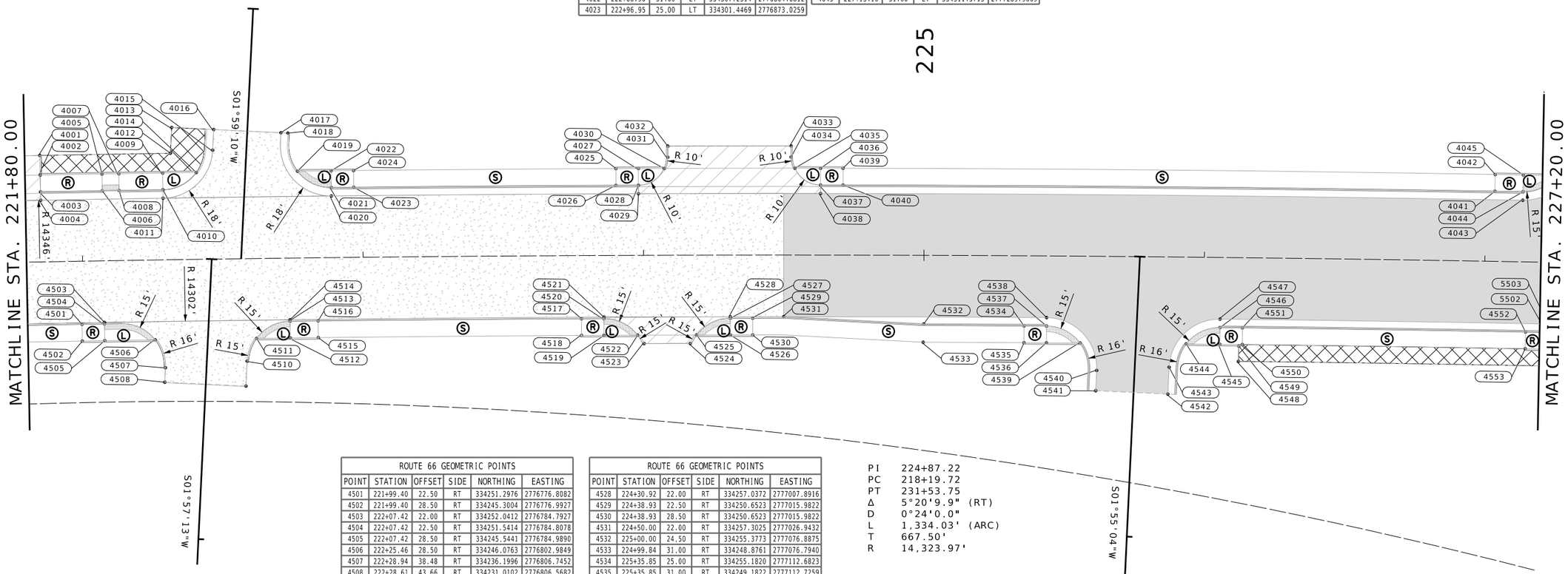
- TRUNCATED DOMES
- PAVED APPROACH
- PMBP ASPHALT PAVEMENT
- 9.5" PCCP PAVEMENT
- ALTERNATE PAVEMENT
- (S) SIDEWALK
- (R) RAMP
- (T) TRANSITION
- (L) LANDING

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4001	221+85.42	38.00	LT	334311.3312	2776760.9400
4002	221+85.44	31.00	LT	334304.3352	2776761.1755
4003	221+85.45	25.00	LT	334298.3385	2776761.3773
4004	221+85.45	22.00	LT	334295.3402	2776761.4782
4005	222+07.43	31.00	LT	334305.0175	2776783.2072
4006	222+07.43	25.00	LT	334299.0201	2776783.3858
4007	222+13.42	31.00	LT	334305.1973	2776789.2045
4008	222+13.42	25.00	LT	334299.2000	2776789.3831
4009	222+29.01	31.00	LT	334305.6541	2776804.8274
4010	222+29.01	25.00	LT	334299.6565	2776804.9995
4011	222+29.01	22.00	LT	334296.6578	2776805.0855
4012	222+31.89	38.00	LT	334312.7335	2776807.5046
4013	222+32.46	47.18	LT	334321.9229	2776807.8232
4014	222+40.98	31.00	LT	334305.9931	2776816.8188
4015	222+46.93	38.87	LT	334314.0266	2776822.5584
4016	222+47.39	46.24	LT	334321.4031	2776822.8142
4017	222+71.27	44.77	LT	334320.5713	2776846.7998
4018	222+73.75	44.62	LT	334320.4847	2776849.2983
4019	222+76.99	31.00	LT	334306.9525	2776852.8887
4020	222+88.96	22.00	LT	334298.2541	2776865.1017
4021	222+88.96	25.00	LT	334301.2532	2776865.0282
4022	222+88.96	31.00	LT	334307.2514	2776864.8812
4023	222+96.95	25.00	LT	334301.4469	2776873.0259

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4024	222+96.95	31.00	LT	334307.4452	2776872.8822
4025	223+90.29	31.00	LT	334309.3799	2776966.4072
4026	223+90.29	25.00	LT	334303.3808	2776966.5117
4027	223+98.27	31.00	LT	334309.5171	2776974.4060
4028	223+98.27	25.00	LT	334303.5179	2776974.5072
4029	223+98.27	22.00	LT	334300.5183	2776974.5578
4030	224+07.42	31.00	LT	334309.6687	2776983.5686
4031	224+08.75	34.98	LT	334313.6698	2776984.8374
4032	224+08.75	38.97	LT	334317.6575	2776984.7792
4033	224+52.63	38.97	LT	334318.3001	2777028.7745
4034	224+52.64	34.98	LT	334314.3124	2777028.8327
4035	224+53.97	31.00	LT	334310.3500	2777030.2178
4036	224+63.11	31.00	LT	334310.4660	2777039.3810
4037	224+63.11	25.00	LT	334304.4665	2777039.4550
4038	224+63.11	22.00	LT	334301.4667	2777039.4921
4039	224+71.10	31.00	LT	334310.5625	2777047.3804
4040	224+71.10	25.00	LT	334304.5629	2777047.4511
4041	227+03.16	25.00	LT	334305.4191	2777279.9207
4042	227+03.16	31.00	LT	334311.4190	2777279.9472
4043	227+13.15	22.00	LT	334302.3715	2777289.9053
4044	227+13.16	25.00	LT	334305.3714	2777289.9362
4045	227+13.16	31.00	LT	334311.3713	2777289.9669



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4501	221+99.40	22.50	RT	334251.2976	2776776.8082
4502	221+99.40	28.50	RT	334245.3004	2776776.9927
4503	222+07.42	22.00	RT	334252.0412	2776784.7927
4504	222+07.42	22.50	RT	334251.5414	2776784.8078
4505	222+07.42	28.50	RT	334245.5441	2776784.9890
4506	222+25.46	28.50	RT	334246.0763	2776802.9849
4507	222+28.94	38.48	RT	334236.1996	2776806.7452
4508	222+28.61	43.66	RT	334231.0102	2776806.5682
4509	222+57.65	45.45	RT	334230.0217	2776835.5513
4510	222+58.19	36.57	RT	334238.9194	2776835.8548
4511	222+61.67	28.50	RT	334247.0762	2776839.1160
4512	222+73.70	28.50	RT	334247.3881	2776851.1157
4513	222+73.70	22.50	RT	334253.3861	2776850.9624
4514	222+73.70	22.00	RT	334253.8860	2776850.9496
4515	222+83.72	28.50	RT	334247.6401	2776861.1074
4516	222+83.72	22.50	RT	334253.6382	2776860.9582
4517	223+77.78	22.50	RT	334255.6650	2776954.8554
4518	223+77.78	28.50	RT	334249.6660	2776954.9652
4519	223+85.80	28.50	RT	334249.8101	2776962.9639
4520	223+85.80	22.50	RT	334255.8092	2776962.8575
4521	223+85.80	22.00	RT	334256.3091	2776962.8486
4522	223+97.83	28.50	RT	334250.0180	2776974.9659
4523	224+00.13	31.50	RT	334247.0570	2776977.3096
4524	224+16.59	31.50	RT	334247.3226	2776993.7372
4525	224+18.89	28.50	RT	334250.3578	2776995.9839
4526	224+30.92	28.50	RT	334250.5379	2777007.9864
4527	224+30.92	22.50	RT	334256.5373	2777007.8988

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4528	224+30.92	22.00	RT	334257.0372	2777007.8916
4529	224+38.93	22.50	RT	334250.6523	2777015.9822
4530	224+38.93	28.50	RT	334250.6523	2777015.9822
4531	224+50.00	22.00	RT	334257.3025	2777026.9432
4532	225+00.00	24.50	RT	334255.3773	2777076.8875
4533	224+99.84	31.00	RT	334248.8761	2777076.7940
4534	225+35.85	25.00	RT	334255.1820	2777112.6823
4535	225+35.85	31.00	RT	334249.1822	2777112.7259
4536	225+43.87	31.00	RT	334249.2380	2777120.7223
4537	225+43.87	25.00	RT	334255.2379	2777120.6821
4538	225+43.87	22.00	RT	334258.2378	2777120.6620
4539	225+55.90	31.00	RT	334249.3134	2777132.7258
4540	225+61.90	40.71	RT	334239.6358	2777138.7725
4541	225+61.62	47.96	RT	334232.3841	2777138.5297
4542	225+87.44	48.94	RT	334231.5223	2777164.2653
4543	225+87.80	39.34	RT	334241.1212	2777164.5867
4544	225+93.81	31.00	RT	334249.4852	2777170.5515
4545	226+05.84	31.00	RT	334249.5188	2777182.5552
4546	226+05.84	25.00	RT	334255.5187	2777182.5410
4547	226+05.84	22.00	RT	334258.5187	2777182.5339
4548	226+12.54	37.02	RT	334243.5115	2777189.2599
4549	226+12.60	31.50	RT	334249.0332	2777189.3073
4550	226+13.85	31.00	RT	334249.5355	2777190.5519
4551	226+13.85	25.00	RT	334255.5355	2777190.5410
4552	227+14.97	25.00	RT	334255.3627	2777291.4873
4553	227+14.97	31.00	RT	334249.3627	2777291.4559

PI 224+87.22
PC 218+19.72
PT 231+53.75
Δ 5°20'9.9" (RT)
D 0°24'0.0"
L 1,334.03' (ARC)
T 667.50'
R 14,323.97'

SCALE
0 20 40 60

SPECIAL SHEET
GEOMETRICS
35 OF 46

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	62

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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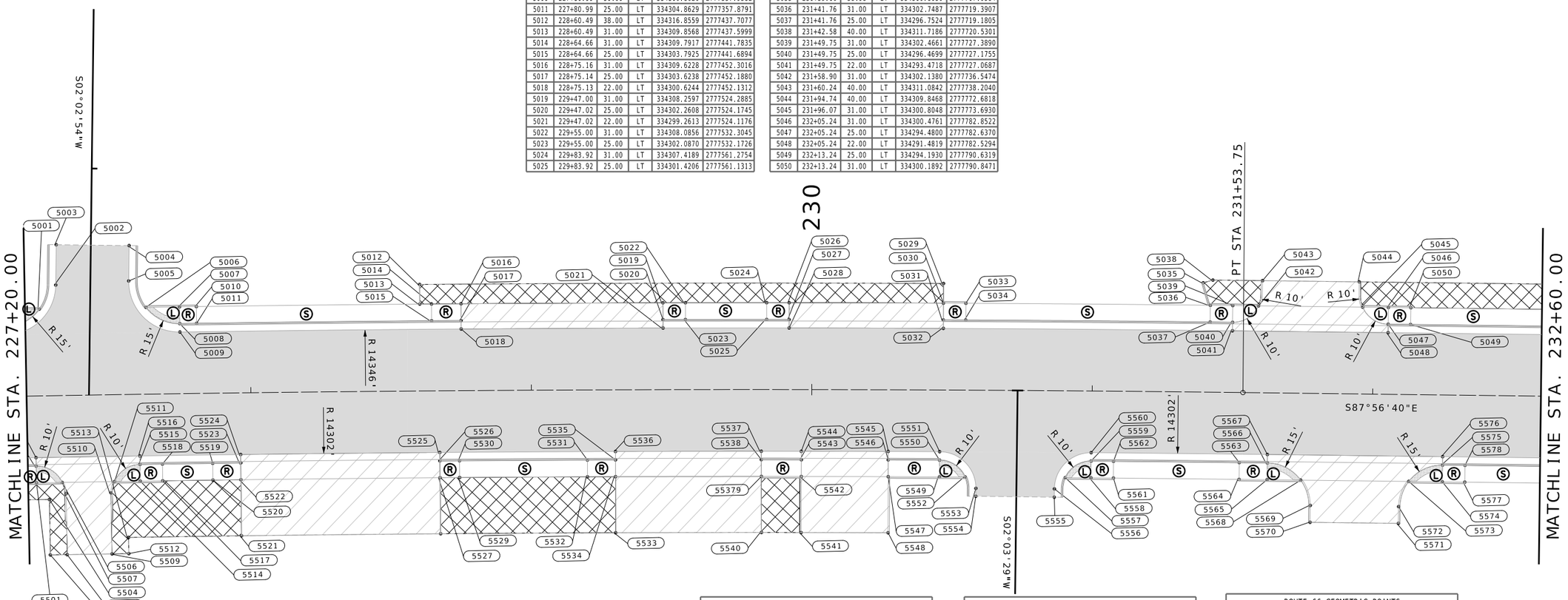
- TRUNCATED DOMES
- PAVED APPROACH
- PMBP ASPHALT PAVEMENT
- 9.5" PCCP PAVEMENT
- ALTERNATE PAVEMENT
- (S) SIDEWALK
- (R) RAMP
- (T) TRANSITION
- (L) LANDING

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
5001	227+25.12	31.00	LT	334311.3050	2777301.9474
5002	227+31.09	39.46	LT	334319.7279	2777307.9858
5003	227+31.51	53.84	LT	334334.1088	2777308.5002
5004	227+57.40	53.10	LT	334333.1795	2777334.4836
5005	227+57.06	40.48	LT	334320.5634	2777334.0324
5006	227+63.03	31.00	LT	334311.0286	2777339.9403
5007	227+74.99	31.00	LT	334310.9206	2777351.9264
5008	227+74.99	25.00	LT	334304.9208	2777351.8698
5009	227+75.00	22.00	LT	334301.9209	2777351.8511
5010	227+80.99	31.00	LT	334310.8626	2777357.9382
5011	227+80.99	25.00	LT	334304.8629	2777357.8791
5012	228+60.49	38.00	LT	334316.8559	2777437.7077
5013	228+60.49	31.00	LT	334309.8568	2777437.5999
5014	228+64.66	31.00	LT	334309.7917	2777441.7835
5015	228+64.66	25.00	LT	334303.7925	2777441.6894
5016	228+75.16	31.00	LT	334309.6228	2777452.3016
5017	228+75.14	25.00	LT	334303.6238	2777452.1880
5018	228+75.13	22.00	LT	334300.6244	2777452.1312
5019	229+47.00	31.00	LT	334308.2597	2777524.2885
5020	229+47.02	25.00	LT	334302.2608	2777524.1745
5021	229+47.02	22.00	LT	334299.2613	2777524.1176
5022	229+55.00	31.00	LT	334308.0856	2777532.3045
5023	229+55.00	25.00	LT	334302.0870	2777532.1726
5024	229+83.92	31.00	LT	334307.4189	2777561.2754
5025	229+83.92	25.00	LT	334301.4206	2777561.1313

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
5026	229+91.92	31.00	LT	334307.2241	2777569.2878
5027	229+91.90	25.00	LT	334301.2262	2777569.1289
5028	229+91.90	22.00	LT	334298.2273	2777569.0494
5029	230+46.78	38.00	LT	334312.7648	2777624.4540
5030	230+46.80	31.00	LT	334305.7673	2777624.2686
5031	230+46.81	25.00	LT	334299.7693	2777624.1096
5032	230+46.81	22.00	LT	334296.7704	2777624.0301
5033	230+54.79	31.00	LT	334305.5374	2777632.2801
5034	230+54.79	25.00	LT	334299.5399	2777632.1063
5035	231+39.16	38.98	LT	334310.8150	2777717.0584
5036	231+41.76	31.00	LT	334302.7487	2777719.3907
5037	231+41.76	25.00	LT	334296.7524	2777719.1805
5038	231+42.58	40.00	LT	334311.7186	2777720.5301
5039	231+49.75	31.00	LT	334302.4661	2777727.3890
5040	231+49.75	25.00	LT	334296.4699	2777727.1755
5041	231+49.75	22.00	LT	334293.4718	2777727.0687
5042	231+58.90	31.00	LT	334302.1380	2777736.5474
5043	231+60.24	40.00	LT	334311.0842	2777738.2040
5044	231+94.74	40.00	LT	334309.8468	2777772.6818
5045	231+96.07	31.00	LT	334300.8048	2777773.6930
5046	232+05.24	31.00	LT	334300.4761	2777782.8522
5047	232+05.24	25.00	LT	334294.4800	2777782.6370
5048	232+05.24	22.00	LT	334291.4819	2777782.5294
5049	232+13.24	25.00	LT	334294.1930	2777790.6319
5050	232+13.24	31.00	LT	334300.1892	2777790.8471



PI 224+87.22
PC 218+19.72
PT 231+53.75
Δ 5°20'9.9" (RT)
D 0°24'0.0"
L 1,334.03' (ARC)
T 667.50'
R 14,323.97'

SCALE
0 20 40 60

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
5501	227+22.99	31.00	RT	334249.3186	2777299.4557
5502	227+22.99	25.00	RT	334255.3185	2777299.4906
5503	227+22.99	22.00	RT	334258.3184	2777299.5080
5504	227+27.50	37.00	RT	334243.2919	2777303.9183
5505	227+27.48	56.78	RT	334223.5079	2777303.7779
5506	227+32.18	31.00	RT	334249.2624	2777308.6220
5507	227+33.52	35.01	RT	334245.2441	2777309.9323
5508	227+33.50	56.79	RT	334223.4653	2777309.7777
5509	227+49.57	56.79	RT	334223.3518	2777325.7773
5510	227+49.55	35.01	RT	334245.1306	2777325.9319
5511	227+50.89	31.00	RT	334249.1299	2777327.2990
5512	227+55.59	56.78	RT	334223.3092	2777331.7772
5513	227+55.59	51.00	RT	334229.0935	2777331.8182
5514	227+60.08	31.00	RT	334249.0559	2777336.4652
5515	227+60.08	25.00	RT	334255.0557	2777336.5155
5516	227+60.08	22.00	RT	334258.0556	2777336.5407
5517	227+68.10	31.00	RT	334248.9866	2777344.4649
5518	227+68.10	25.00	RT	334254.9863	2777344.5186
5519	227+86.05	25.00	RT	334254.8146	2777362.4409
5520	227+86.05	31.00	RT	334248.8150	2777362.3797
5521	227+96.01	51.00	RT	334228.7114	2777372.0923
5522	227+96.06	31.00	RT	334248.7096	2777372.3600
5523	227+96.07	25.00	RT	334254.7091	2777372.4403
5524	227+96.08	22.00	RT	334257.7089	2777372.4805
5525	228+67.19	22.00	RT	334256.7584	2777443.4741
5526	228+67.19	25.00	RT	334253.7587	2777443.4340

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
5527	228+67.21	31.00	RT	334247.7592	2777443.3537
5528	228+67.26	51.00	RT	334227.7609	2777443.0859
5529	228+74.21	31.00	RT	334247.6467	2777450.3349
5530	228+74.21	25.00	RT	334253.6459	2777450.4331
5531	229+19.91	25.00	RT	334252.8269	2777496.0460
5532	229+19.91	31.00	RT	334246.8280	2777495.9287
5533	229+29.88	51.00	RT	334226.6342	2777505.4704
5534	229+29.91	31.00	RT	334246.6294	2777505.9117
5535	229+29.92	25.00	RT	334252.6279	2777506.0440
5536	229+29.93	22.00	RT	334255.6272	2777506.1102
5537	229+82.01	22.00	RT	334254.4798	2777558.0976
5538	229+82.01	25.00	RT	334251.4805	2777558.0314
5579	229+82.03	31.00	RT	334245.4820	2777557.8990
5540	229+82.06	51.00	RT	334225.4868	2777557.4577
5541	229+96.26	51.00	RT	334225.1419	2777571.5992
5542	229+96.28	31.00	RT	334245.1352	2777572.1185
5543	229+96.29	25.00	RT	334251.1332	2777572.2742
5544	229+96.29	22.00	RT	334254.1321	2777572.3521
5545	230+27.34	22.00	RT	334253.3273	2777603.3417
5546	230+27.34	25.00	RT	334250.3283	2777603.2638
5547	230+27.35	31.00	RT	334244.3303	2777603.1080
5548	230+27.37	51.00	RT	334224.3371	2777602.5888
5549	230+45.68	31.00	RT	334243.8239	2777621.3912
5550	230+45.68	25.00	RT	334249.8215	2777621.5611
5551	230+45.68	22.00	RT	334252.8203	2777621.6461
5552	230+54.86	31.00	RT	334243.5614	2777630.5538

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
5553	230+58.71	35.02	RT	334239.4328	2777634.1704
5554	230+58.69	37.84	RT	334236.6084	2777634.1704
5555	230+86.76	38.00	RT	334235.6028	2777662.1519
5556	230+86.78	35.02	RT	334238.5867	2777662.2591
5557	230+90.62	31.00	RT	334242.4832	2777666.2198
5558	230+99.81	31.00	RT	334242.1919	2777675.3816
5559	230+99.81	25.00	RT	334248.1888	2777675.5742
5560	230+99.81	22.00	RT	334251.1873	2777675.6705
5561	231+07.82	31.00	RT	334241.9329	2777683.3741
5562	231+07.82	25.00	RT	334247.9297	2777683.5700
5563	231+52.73	25.00	RT	334246.3949	2777728.3705
5564	231+52.73	31.00	RT	334240.3992	2777728.1557
5565	231+62.73	31.00	RT	334240.0406	2777738.1489
5566	231+62.73	25.00	RT	334246.0367	2777738.3641
5567	231+62.73	22.00	RT	334249.0348	2777738.4717
5568	231+74.73	31.00	RT	334239.6102	2777750.1411
5569	231+78.23	40.00	RT	334230.4904	2777753.3161
5570	231+78.23	46.00	RT	334224.4943	2777753.1009
5571	232+09.73	46.00	RT	334223.3645	2777784.5806
5572	232+09.73	40.00	RT	334229.3606	2777784.7958
5573	232+13.23	31.00	RT	334238.2293	2777788.6164
5574	232+25.23	31.00	RT	334237.7989	2777800.6086
5575	232+25.23	25.00	RT	334243.7951	2777800.8238
5576	232+25.23	22.00	RT	334246.7931	2777800.9314
5577	232+33.23	31.00	RT	334237.5120	2777808.6035
5578	232+33.23	25.00	RT	334243.5081	2777808.8187

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	63

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION

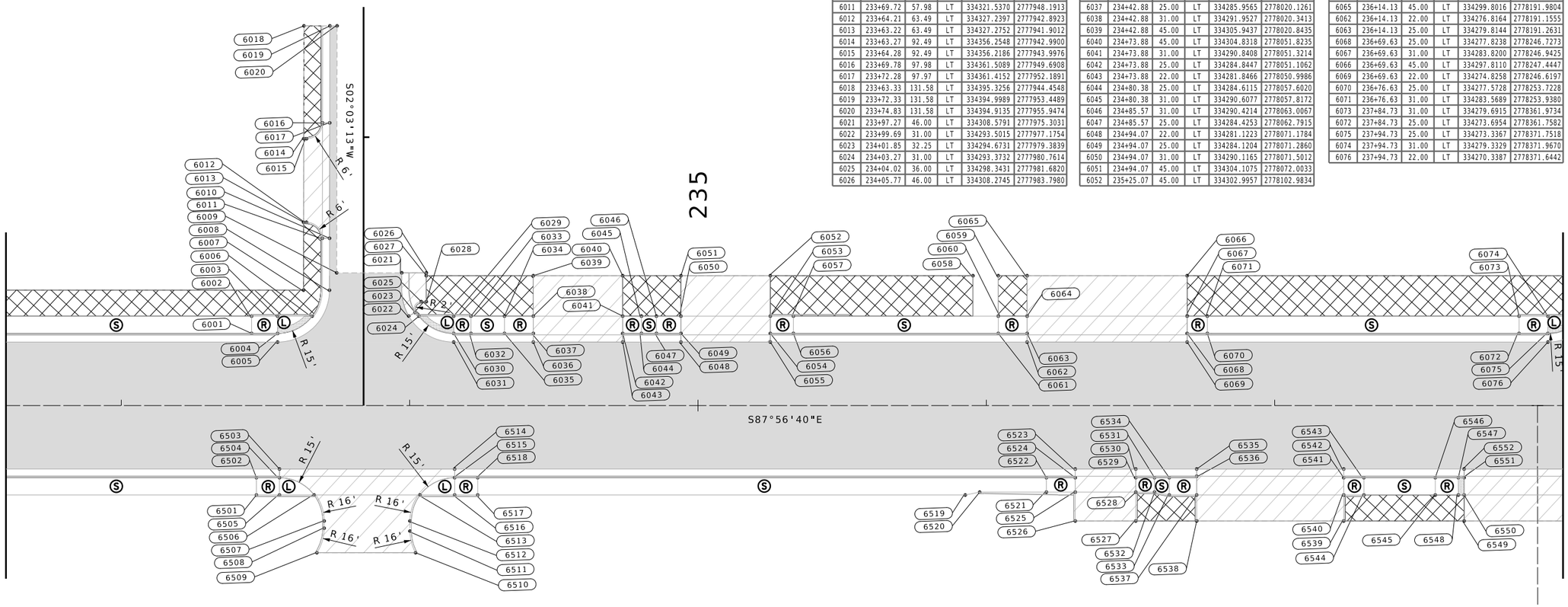
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
GEOMETRICS
36 OF 46

TRUNCATED DOMES
PAVED APPROACH
PMBP ASPHALT PAVEMENT
9.5" PCCP PAVEMENT
ALTERNATE PAVEMENT

(S) SIDEWALK
(R) RAMP
(T) TRANSITION
(L) LANDING



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6001	233+45.19	25.00	LT	334295.4566	2777922.7104
6002	233+45.19	31.00	LT	334295.4566	2777922.7104
6003	233+54.19	31.00	LT	334295.1338	2777931.7046
6004	233+54.19	25.00	LT	334286.1396	2777931.3818
6005	233+54.19	22.00	LT	334286.1396	2777931.3818
6006	233+66.19	31.00	LT	334294.7034	2777943.6968
6007	233+63.19	40.00	LT	334303.8048	2777941.0216
6008	233+72.19	39.97	LT	334303.4533	2777950.0147
6009	233+74.70	46.00	LT	334309.3883	2777952.7391
6010	233+72.22	57.97	LT	334321.4433	2777950.6896
6011	233+69.72	57.98	LT	334321.5370	2777948.1913
6012	233+64.21	63.49	LT	334327.2397	2777942.8923
6013	233+63.22	63.49	LT	334327.2752	2777941.9012
6014	233+63.27	92.49	LT	334356.2548	2777942.9900
6015	233+64.28	92.49	LT	334356.2186	2777943.9976
6016	233+69.78	97.98	LT	334361.5089	2777949.6908
6017	233+72.28	97.97	LT	334361.4152	2777952.1891
6018	233+63.33	131.58	LT	334395.3256	2777944.4548
6019	233+72.33	131.58	LT	334394.9989	2777953.4489
6020	233+74.83	131.58	LT	334394.9135	2777955.9474
6021	233+97.27	46.00	LT	334308.5791	2777975.3031
6022	233+99.69	31.00	LT	334293.5015	2777977.1754
6023	234+01.85	32.25	LT	334294.6731	2777979.3839
6024	234+03.27	31.00	LT	334293.3732	2777980.7614
6025	234+04.02	36.00	LT	334298.3431	2777981.6820
6026	234+05.77	46.00	LT	334308.2745	2777983.7980

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6027	234+05.77	45.00	LT	334307.2745	2777983.7621
6028	234+05.77	36.00	LT	334298.2801	2777983.4393
6029	234+15.27	31.00	LT	334292.9428	2777992.7537
6030	234+15.27	25.00	LT	334286.9466	2777992.5385
6031	234+15.27	22.00	LT	334283.9486	2777992.4309
6032	234+21.27	25.00	LT	334286.7314	2777998.5346
6033	234+21.27	31.00	LT	334292.7276	2777998.7498
6034	234+32.88	31.00	LT	334292.3113	2778010.3478
6035	234+32.88	25.00	LT	334286.3152	2778010.1326
6036	234+42.88	22.00	LT	334282.9585	2778020.0185
6037	234+42.88	25.00	LT	334285.9565	2778020.1261
6038	234+42.88	31.00	LT	334291.9527	2778020.3413
6039	234+42.88	45.00	LT	334305.9437	2778020.8435
6040	234+73.88	45.00	LT	334304.8318	2778051.8235
6041	234+73.88	31.00	LT	334290.8408	2778051.3214
6042	234+73.88	25.00	LT	334284.8447	2778051.1062
6043	234+73.88	22.00	LT	334281.8466	2778050.9986
6044	234+80.38	25.00	LT	334284.6115	2778057.6020
6045	234+80.38	31.00	LT	334290.6077	2778057.8172
6046	234+85.57	31.00	LT	334290.4214	2778063.0067
6047	234+85.57	25.00	LT	334284.4253	2778062.7915
6048	234+94.07	22.00	LT	334281.1223	2778071.1784
6049	234+94.07	25.00	LT	334284.1204	2778071.2860
6050	234+94.07	31.00	LT	334290.1165	2778071.5012
6051	234+94.07	45.00	LT	334304.1075	2778072.0033
6052	235+25.07	45.00	LT	334302.9957	2778102.9834

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6053	235+25.07	31.00	LT	334289.0047	2778102.4813
6054	235+25.07	25.00	LT	334283.0085	2778102.2661
6055	235+25.07	22.00	LT	334280.0105	2778102.1585
6057	235+33.07	31.00	LT	334288.7177	2778110.4761
6056	235+33.07	25.00	LT	334282.7216	2778110.2609
6058	235+95.35	45.00	LT	334300.4752	2778173.2116
6060	236+04.13	31.00	LT	334286.1693	2778181.4847
6059	236+04.13	45.00	LT	334300.1602	2778181.9868
6061	236+04.13	25.00	LT	334280.1731	2778181.2695
6064	236+14.13	31.00	LT	334285.8106	2778191.4783
6065	236+14.13	45.00	LT	334299.8016	2778191.9804
6062	236+14.13	22.00	LT	334276.8164	2778191.1555
6063	236+14.13	25.00	LT	334279.8144	2778191.2631
6068	236+69.63	25.00	LT	334277.8238	2778246.7273
6067	236+69.63	31.00	LT	334283.8200	2778246.9425
6066	236+69.63	45.00	LT	334297.8110	2778247.4447
6069	236+69.63	22.00	LT	334274.8258	2778246.6197
6070	236+76.63	25.00	LT	334277.5728	2778253.7228
6071	236+76.63	31.00	LT	334283.5689	2778253.9380
6073	237+84.73	31.00	LT	334279.6915	2778361.9734
6072	237+84.73	25.00	LT	334273.6954	2778361.7582
6075	237+94.73	25.00	LT	334273.3367	2778371.7518
6074	237+94.73	31.00	LT	334279.3329	2778371.9670
6076	237+94.73	22.00	LT	334270.3387	2778371.6442

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6501	233+46.85	31.00	RT	334233.4367	2777922.1525
6502	233+46.85	25.00	RT	334239.4329	2777922.3677
6504	233+54.85	25.00	RT	334239.1459	2777930.3626
6503	233+54.85	22.00	RT	334242.1440	2777930.4702
6505	233+54.85	31.00	RT	334233.1498	2777930.1474
6506	233+66.85	31.00	RT	334232.7194	2777942.1396
6507	233+70.35	40.00	RT	334223.5996	2777945.3146
6508	233+70.35	43.00	RT	334221.1013	2777945.2249
6509	233+67.81	51.00	RT	334212.6978	2777942.3825
6510	234+02.04	51.00	RT	334211.4702	2777976.5867
6511	234+00.10	44.00	RT	334219.0380	2777974.9200
6512	234+00.10	40.00	RT	334222.5326	2777975.0454
6513	234+03.60	31.00	RT	334231.4013	2777978.8660
6514	234+15.60	22.00	RT	334239.9651	2777991.1811
6515	234+15.60	25.00	RT	334236.9670	2777991.0735
6516	234+15.60	31.00	RT	334230.9709	2777990.8583
6517	234+23.60	31.00	RT	334230.6840	2777998.8531
6518	234+23.60	25.00	RT	334236.6801	2777999.0683
6519	235+92.69	31.00	RT	334224.6193	2778167.8337
6520	235+97.69	30.00	RT	334225.4394	2778172.8630
6521	236+20.82	30.00	RT	334224.6096	2778195.9839
6522	236+20.82	25.00	RT	334229.6064	2778196.1632
6523	236+30.82	22.00	RT	334232.2458	2778206.2644
6524	236+30.82	25.00	RT	334229.2477	2778206.1568
6525	236+30.82	30.00	RT	334224.2509	2778205.9774
6526	236+30.82	40.00	RT	334214.2575	2778205.6188

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6527	236+51.82	40.00	RT	334213.5043	2778226.6053
6528	236+51.82	30.00	RT	334223.4977	2778226.9639
6529	236+51.82	25.00	RT	334228.4945	2778227.1433
6530	236+51.82	22.00	RT	334231.4926	2778227.2509
6531	236+58.32	25.00	RT	334228.2614	2778233.6391
6532	236+58.32	30.00	RT	334223.2646	2778233.4598
6533	236+63.44	31.00	RT	334222.0819	2778238.5330
6534	236+63.44	25.00	RT	334228.0780	2778238.7482
6535	236+72.94	22.00	RT	334230.7354	2778248.3497
6536	236+72.94	25.00	RT	334228.2370	2778248.2600
6537	236+72.94	31.00	RT	334221.7411	2778248.0269
6538	236+72.94	40.00	RT	334212.7470	2778247.7041
6539	237+23.94	40.00	RT	334210.9178	2778298.6713
6540	237+23.94	31.00	RT	334210.9178	2778298.6713
6541	237+23.94	25.00	RT	334219.9120	2778298.9941
6542	237+23.94	22.00	RT	334225.9081	2778299.2092
6543	237+30.94	25.00	RT	334228.9062	2778299.3168
6544	237+30.94	31.00	RT	334225.6570	2778306.2047
6545	237+55.69	31.00	RT	334219.6609	2778305.9895
6546	237+55.69	25.00	RT	334218.7732	2778330.7238
6547	237+63.69	25.00	RT	334224.7693	2778330.9390
6548	237+63.69	31.00	RT	334224.4824	2778338.9339
6549	237+65.69	40.00	RT	334218.4862	2778338.7187
6550	237+65.69	31.00	RT	334218.4145	2778340.7174
6551	237+65.69	25.00	RT	334224.4106	2778340.9326
6552	237+65.69	22.00	RT	334227.4087	2778341.0402

SCALE
0 20 40 60

SPECIAL SHEET
GEOMETRICS
37 OF 46

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	64

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

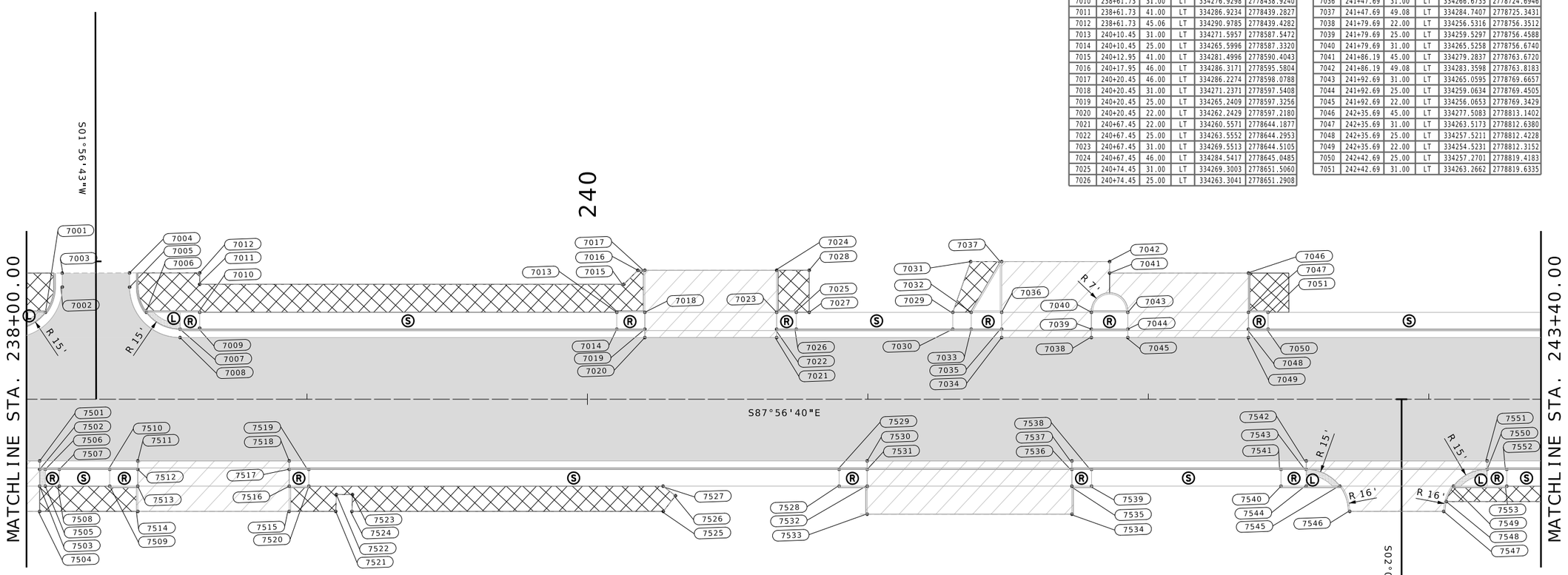
DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

- TRUNCATED DOMES
- PAVED APPROACH
- PMBP ASPHALT PAVEMENT
- 9.5" PCCP PAVEMENT
- ALTERNATE PAVEMENT
- (S) SIDEWALK
- (R) RAMP
- (T) TRANSITION
- (L) LANDING



SCALE
0 20 40 60

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7001	238+06.73	31.00	LT	334278.9025	2778383.9593
7002	238+12.73	40.03	LT	334287.7161	2778390.2794
7003	238+12.72	45.00	LT	334292.6786	2778390.4480
7004	238+36.72	45.05	LT	334291.8697	2778414.4343
7005	238+36.73	39.97	LT	334286.7860	2778414.2617
7006	238+42.73	31.00	LT	334277.6113	2778419.9362
7007	238+54.73	25.00	LT	334271.1847	2778431.7133
7008	238+54.73	22.00	LT	334268.1867	2778431.6057
7009	238+61.74	25.37	LT	334271.3002	2778438.7330
7010	238+61.73	31.00	LT	334276.9298	2778438.9240
7011	238+61.73	41.00	LT	334286.9234	2778439.2827
7012	238+61.73	45.06	LT	334290.9785	2778439.4282
7013	240+10.45	31.00	LT	334271.5957	2778587.5472
7014	240+10.45	25.00	LT	334265.5996	2778587.3320
7015	240+12.95	41.00	LT	334281.4996	2778590.4043
7016	240+17.95	46.00	LT	334286.3171	2778595.5804
7017	240+20.45	46.00	LT	334286.2274	2778598.0788
7018	240+20.45	31.00	LT	334271.2371	2778597.5408
7019	240+20.45	25.00	LT	334265.2409	2778597.3256
7020	240+20.45	22.00	LT	334262.2429	2778597.2180
7021	240+67.45	22.00	LT	334260.5571	2778644.1877
7022	240+67.45	25.00	LT	334263.5552	2778644.2953
7023	240+67.45	31.00	LT	334269.5513	2778644.5105
7024	240+67.45	46.00	LT	334284.5417	2778645.0485
7025	240+74.45	31.00	LT	334269.3003	2778651.5060
7026	240+74.45	25.00	LT	334263.3041	2778651.2908

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7027	240+79.06	31.00	LT	334269.1349	2778656.1141
7028	240+79.06	46.00	LT	334284.1252	2778656.6521
7029	241+30.28	31.00	LT	334267.2979	2778707.2980
7030	241+30.28	25.00	LT	334261.3018	2778707.0828
7031	241+36.63	49.08	LT	334285.1371	2778714.2986
7032	241+36.81	31.00	LT	334267.0635	2778713.8296
7033	241+36.81	25.00	LT	334261.0673	2778713.6144
7034	241+47.69	22.00	LT	334257.6793	2778724.3718
7035	241+47.69	25.00	LT	334260.6774	2778724.4794
7036	241+47.69	31.00	LT	334266.6735	2778724.6946
7037	241+47.69	49.08	LT	334284.7407	2778725.3431
7038	241+79.69	22.00	LT	334256.5316	2778756.3512
7039	241+79.69	25.00	LT	334259.5297	2778756.4588
7040	241+79.69	31.00	LT	334265.5258	2778756.6740
7041	241+86.19	45.00	LT	334279.2837	2778763.6720
7042	241+86.19	49.08	LT	334283.3598	2778763.8183
7043	241+92.69	31.00	LT	334265.0595	2778769.6657
7044	241+92.69	25.00	LT	334259.0634	2778769.4505
7045	241+92.69	22.00	LT	334256.0653	2778769.3429
7046	242+35.69	45.00	LT	334277.5083	2778813.1402
7047	242+35.69	31.00	LT	334263.5173	2778812.6380
7048	242+35.69	25.00	LT	334257.5211	2778812.4228
7049	242+35.69	22.00	LT	334254.5231	2778812.3152
7050	242+42.69	25.00	LT	334257.2701	2778819.4183
7051	242+42.69	31.00	LT	334263.2662	2778819.6335

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7501	238+04.69	22.00	RT	334226.0099	2778380.0151
7502	238+04.69	25.00	RT	334223.0118	2778379.9075
7503	238+04.69	31.00	RT	334217.0157	2778379.6923
7504	238+04.69	40.00	RT	334208.0216	2778379.3695
7505	238+06.69	31.00	RT	334216.9440	2778381.6910
7506	238+06.69	25.00	RT	334222.9401	2778381.9062
7507	238+11.69	25.00	RT	334222.7608	2778386.9030
7508	238+11.69	31.00	RT	334216.7646	2778386.6878
7509	238+29.65	31.00	RT	334216.1204	2778404.6385
7510	238+29.65	25.00	RT	334222.1165	2778404.8537
7511	238+39.65	22.00	RT	334224.7559	2778414.9549
7512	238+39.65	25.00	RT	334221.7579	2778414.8473
7513	238+39.65	31.00	RT	334215.7618	2778414.6321
7514	238+39.65	40.00	RT	334206.7676	2778414.3093
7515	238+93.65	40.00	RT	334204.8308	2778468.2745
7516	238+93.65	31.00	RT	334213.8250	2778468.5973
7517	238+93.65	25.00	RT	334219.8210	2778468.8125
7518	238+93.65	22.00	RT	334222.8191	2778468.9201
7519	239+00.65	25.00	RT	334219.5700	2778475.8080
7520	239+00.65	31.00	RT	334213.5738	2778475.5928
7521	239+10.24	40.00	RT	334204.2356	2778484.8575
7522	239+10.48	34.00	RT	334210.2232	2778485.3113
7523	239+16.20	34.00	RT	334210.0181	2778491.0273
7524	239+16.03	40.00	RT	334204.0281	2778490.6393
7525	240+27.03	40.00	RT	334200.0468	2778601.5712
7526	240+31.37	34.42	RT	334205.4672	2778606.1022
7527	240+26.96	31.00	RT	334209.0434	2778601.8239

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7528	240+89.74	31.00	RT	334206.7917	2778664.5632
7529	240+89.74	25.00	RT	334212.7879	2778664.7784
7530	240+99.74	22.00	RT	334215.4273	2778674.8795
7531	240+99.74	25.00	RT	334212.4292	2778674.7719
7532	240+99.74	31.00	RT	334206.4331	2778674.5567
7533	240+99.74	41.00	RT	334196.4396	2778674.1981
7534	241+72.74	41.00	RT	334193.8213	2778747.1511
7535	241+72.74	31.00	RT	334203.8148	2778747.5097
7536	241+72.74	25.00	RT	334209.8109	2778747.7249
7537	241+72.74	22.00	RT	334212.8090	2778747.8325
7538	241+79.74	25.00	RT	334209.5599	2778754.7204
7539	241+79.74	31.00	RT	334203.5637	2778754.5052
7540	242+47.30	31.00	RT	334201.1407	2778822.0186
7541	242+47.30	25.00	RT	334207.1368	2778822.2338
7542	242+56.30	22.00	RT	334209.8121	2778831.3356
7543	242+56.30	25.00	RT	334206.8140	2778831.2280
7544	242+56.30	31.00	RT	334200.8179	2778831.0128
7545	242+68.30	31.00	RT	334200.3875	2778843.0051
7546	242+71.80	40.00	RT	334191.2677	2778846.1800
7547	243+05.30	40.00	RT	334190.0662	2778879.6584
7548	243+06.21	36.50	RT	334193.5312	2778880.6974
7549	243+08.80	31.00	RT	334198.9349	2778883.4790
7550	243+20.80	25.00	RT	334204.5006	2778895.6865
7551	243+20.80	22.00	RT	334207.4987	2778895.7941
7552	243+27.80	25.00	RT	334204.2495	2778902.6820
7553	243+27.80	31.00	RT	334198.2534	2778902.4668

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	65

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SPECIAL SHEET
GEOMETRICS
38 OF 46

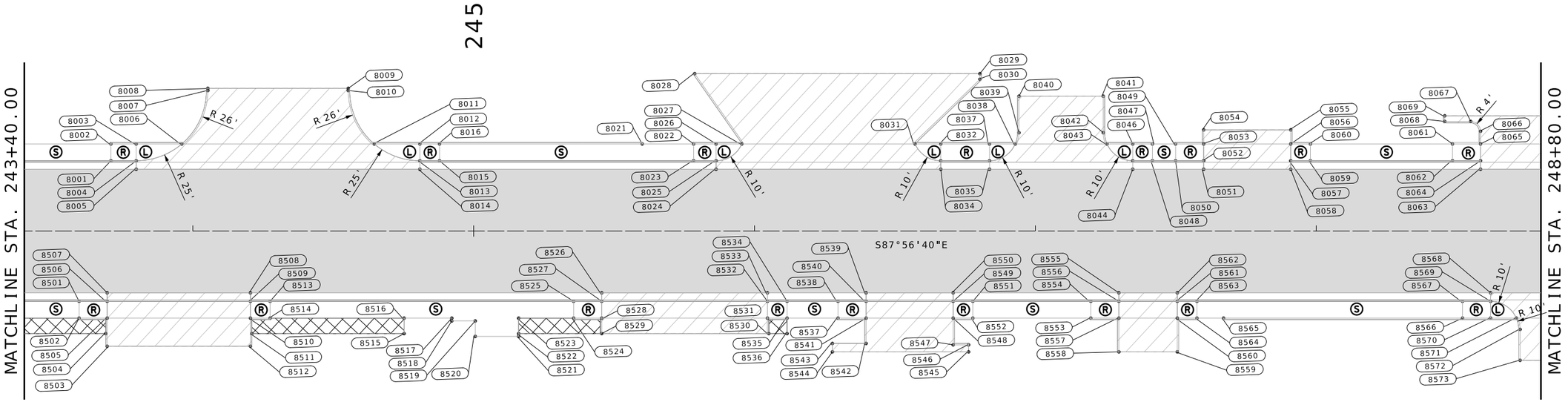
TRUNCATED DOMES
PAVED APPROACH
PMBP ASPHALT PAVEMENT
9.5" PCCP PAVEMENT
ALTERNATE PAVEMENT

Ⓢ SIDEWALK
Ⓡ RAMP
Ⓣ TRANSITION
Ⓛ LANDING

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8001	243+70.81	25.00	LT	334252.6746	2778947.4604
8002	243+70.81	31.00	LT	334258.6708	2778947.6756
8003	243+79.81	31.00	LT	334258.3480	2778956.6698
8004	243+79.81	25.00	LT	334252.3518	2778956.4546
8005	243+79.81	22.00	LT	334249.3538	2778956.3470
8006	243+96.06	31.00	LT	334257.7652	2778972.9075
8007	244+05.31	50.00	LT	334276.4212	2778982.8349
8008	244+05.31	50.77	LT	334277.1869	2778982.8624
8009	244+55.31	50.77	LT	334275.3935	2779032.8302
8010	244+55.31	50.00	LT	334274.6278	2779032.8027
8011	244+64.56	31.00	LT	334255.3082	2779041.3672
8012	244+80.81	31.00	LT	334254.7254	2779057.6049
8013	244+80.81	25.00	LT	334248.7293	2779057.3897
8014	244+80.81	22.00	LT	334245.7312	2779057.2821
8015	244+87.81	25.00	LT	334248.4782	2779064.3852
8016	244+87.81	31.00	LT	334254.4744	2779064.6004
8021	245+60.00	31.00	LT	334251.8852	2779136.7428
8022	245+78.30	31.00	LT	334251.2287	2779155.0355
8023	245+78.30	25.00	LT	334245.2325	2779154.8203

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8024	245+86.30	22.00	LT	334241.9475	2779162.7075
8025	245+86.30	25.00	LT	334244.9456	2779162.8151
8026	245+86.30	31.00	LT	334250.9417	2779163.0303
8027	245+95.47	31.00	LT	334250.6130	2779172.1896
8028	245+78.69	56.00	LT	334276.1988	2779156.3160
8029	246+80.23	56.00	LT	334272.5568	2779257.7948
8030	246+80.23	54.00	LT	334270.5580	2779257.7230
8031	246+57.14	31.00	LT	334248.4011	2779233.8196
8032	246+66.30	31.00	LT	334248.0724	2779242.9789
8033	246+66.30	25.00	LT	334242.0763	2779242.7637
8034	246+66.30	22.00	LT	334239.0782	2779242.6561
8035	246+83.65	22.00	LT	334238.4561	2779259.9886
8036	246+83.65	25.00	LT	334241.4542	2779260.0962
8037	246+83.65	31.00	LT	334247.4503	2779260.3114
8038	246+92.81	31.00	LT	334247.1216	2779269.4707
8039	246+94.15	35.00	LT	334251.0712	2779270.9482
8040	246+94.15	48.00	LT	334264.0627	2779271.4144
8041	247+24.15	48.00	LT	334262.9867	2779301.3951
8042	247+24.15	35.00	LT	334249.9952	2779300.9289
8043	247+25.48	31.00	LT	334245.9499	2779302.1194
8044	247+34.65	22.00	LT	334236.6269	2779310.9558
8045	247+34.65	25.00	LT	334239.6250	2779311.0634
8046	247+34.65	31.00	LT	334245.6211	2779311.2786

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8047	247+41.65	31.00	LT	334245.3701	2779318.2741
8048	247+41.65	25.00	LT	334239.3739	2779318.0589
8049	247+49.91	31.00	LT	334245.0739	2779326.5273
8050	247+49.91	25.00	LT	334239.0777	2779326.3121
8051	247+59.91	22.00	LT	334235.7210	2779336.1981
8052	247+59.91	25.00	LT	334238.7190	2779336.3057
8053	247+59.91	31.00	LT	334244.7152	2779336.5209
8054	247+59.91	36.00	LT	334249.7120	2779336.7002
8055	247+90.91	36.00	LT	334248.6001	2779367.6802
8056	247+90.91	31.00	LT	334243.6033	2779367.5009
8057	247+90.91	25.00	LT	334237.6072	2779367.2857
8058	247+90.91	22.00	LT	334234.6091	2779367.1781
8059	247+97.91	25.00	LT	334237.3561	2779374.2812
8060	247+97.91	31.00	LT	334243.3523	2779374.4964
8061	248+48.49	31.00	LT	334241.5380	2779425.0466
8062	248+48.49	25.00	LT	334235.5419	2779424.8314
8063	248+58.49	22.00	LT	334232.1851	2779434.7174
8064	248+58.49	25.00	LT	334235.1833	2779434.8236
8065	248+58.49	31.00	LT	334241.1793	2779435.0402
8066	248+58.49	35.50	LT	334245.6765	2779435.2016
8067	248+54.99	39.00	LT	334249.2997	2779431.8294
8068	248+45.74	39.00	LT	334249.6315	2779422.5853
8069	248+45.74	41.00	LT	334251.6302	2779422.6570



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8501	243+59.50	25.00	RT	334203.1125	2778934.3633
8502	243+59.50	31.00	RT	334197.1164	2778934.1481
8503	243+69.50	41.00	RT	334186.7642	2778943.7830
8504	243+69.00	36.50	RT	334191.2792	2778943.4447
8505	243+69.50	31.00	RT	334196.7577	2778944.1417
8506	243+69.50	25.00	RT	334202.7538	2778944.3569
8507	243+69.50	22.00	RT	334205.7519	2778944.4645
8508	244+20.50	22.00	RT	334203.9227	2778995.4317
8509	244+20.50	25.00	RT	334200.9246	2778995.3241
8510	244+20.50	31.00	RT	334194.9285	2778995.1089
8511	244+21.00	36.50	RT	334189.4141	2778995.4113
8512	244+20.50	41.00	RT	334184.9350	2778994.7502
8513	244+27.50	25.00	RT	334200.6736	2779002.3196
8514	244+27.50	31.00	RT	334194.6774	2779002.1044
8515	244+75.20	36.50	RT	334187.4701	2779049.5766
8516	244+75.20	31.00	RT	334192.9666	2779049.7739
8517	244+92.19	31.00	RT	334192.3572	2779066.7531
8518	244+92.19	32.00	RT	334191.3578	2779066.7172
8519	245+00.54	32.00	RT	334191.0585	2779075.0572

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8520	245+00.54	37.50	RT	334185.5621	2779074.8599
8521	245+16.00	37.50	RT	334185.0073	2779090.3165
8522	245+16.00	36.50	RT	334186.0067	2779090.3524
8523	245+16.00	31.00	RT	334191.5031	2779090.5496
8524	245+35.58	31.00	RT	334190.8010	2779110.1140
8525	245+35.58	25.00	RT	334196.7971	2779110.3292
8526	245+45.58	22.00	RT	334199.4365	2779120.4303
8527	245+45.58	25.00	RT	334196.4384	2779120.3227
8528	245+45.58	31.00	RT	334190.4423	2779120.1075
8529	245+45.58	36.50	RT	334184.9458	2779119.9103
8530	246+05.08	36.50	RT	334182.8118	2779179.3720
8531	246+04.58	31.00	RT	334188.3262	2779179.0696
8532	246+04.58	25.00	RT	334194.3223	2779179.2848
8533	246+04.58	22.00	RT	334197.3204	2779179.3924
8534	246+11.58	25.00	RT	334194.0712	2779186.2803
8535	246+11.58	31.00	RT	334188.0751	2779186.0651
8536	246+11.58	36.50	RT	334182.5786	2779185.8678
8537	246+29.71	31.00	RT	334187.4249	2779204.1819

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8538	246+29.71	25.00	RT	334193.4210	2779204.3971
8539	246+39.71	22.00	RT	334196.0604	2779214.4983
8540	246+39.71	25.00	RT	334193.0624	2779214.3907
8541	246+39.71	31.00	RT	334187.0662	2779214.1755
8542	246+39.71	40.00	RT	334178.0720	2779213.8527
8543	246+27.72	40.00	RT	334178.5020	2779201.8728
8544	246+27.72	43.00	RT	334175.5039	2779201.7652
8545	246+76.22	43.00	RT	334173.7643	2779250.2371
8546	246+76.22	40.50	RT	334176.2626	2779250.3268
8547	246+70.71	40.50	RT	334176.4605	2779244.8148
8548	246+70.71	31.00	RT	334185.9544	2779245.1556
8549	246+70.71	25.00	RT	334191.9505	2779245.3708
8550	246+70.71	22.00	RT	334194.9486	2779245.4784
8551	246+77.71	25.00	RT	334191.6994	2779252.3663
8552	246+77.71	31.00	RT	334185.7033	2779252.1511
8553	247+19.71	31.00	RT	334184.1969	2779294.1232
8554	247+19.71	25.00	RT	334190.1931	2779294.3384
8555	247+29.71	22.00	RT	334192.8325	2779304.4396

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8556	247+29.71	25.00	RT	334189.8344	2779304.3320
8557	247+29.71	31.00	RT	334183.8382	2779304.1168
8558	247+29.71	43.00	RT	334171.8461	2779303.6864
8559	247+50.52	43.00	RT	334171.0996	2779324.4862
8560	247+50.52	31.00	RT	334183.0917	2779324.9166
8561	247+50.52	25.00	RT	334189.0879	2779325.1318
8562	247+50.52	22.00	RT	334192.0860	2779325.2394
8563	247+57.52	25.00	RT	334188.8368	2779332.1273
8564	247+57.52	31.00	RT	334182.8407	2779331.9121
8565	247+67.00	31.00	RT	334182.5006	2779341.3859
8566	248+52.07	31.00	RT	334179.4496	2779426.3970
8567	248+52.07	25.00	RT	334185.4458	2779426.6122
8568	248+62.07	22.00	RT	334188.0852	2779436.7134
8569	248+62.07	25.00	RT	334185.0871	2779436.6058
8570	248+62.07	31.00	RT	334179.0910	2779436.3906
8571	248+71.23	31.00	RT	334178.7622	2779445.5498
8572	248+72.57	35.00	RT	334174.7169	2779446.7403
8573	248+72.57	46.00	RT	334163.7240	2779446.3458

SCALE
0 20 40 60

SPECIAL SHEET
GEOMETRICS
39 OF 46

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	66

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

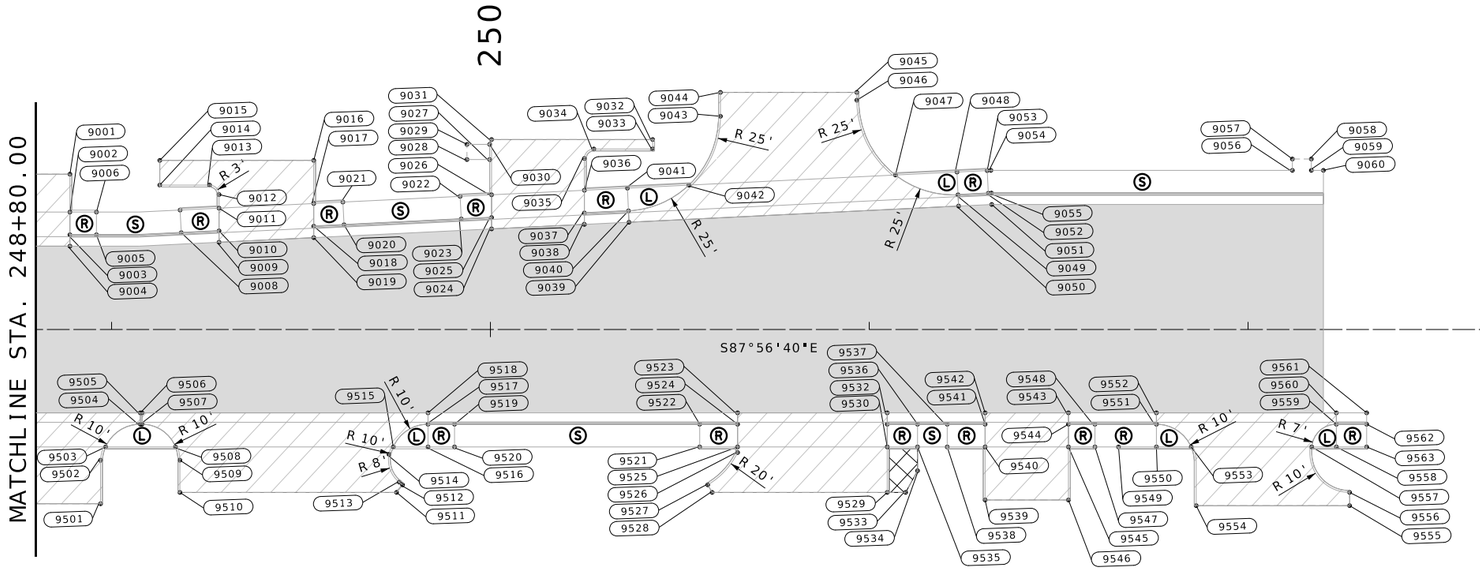
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

- TRUNCATED DOMES
- PAVED APPROACH
- PMBP ASPHALT PAVEMENT
- 9.5" PCCP PAVEMENT
- ALTERNATE PAVEMENT
- Ⓢ SIDEWALK
- Ⓡ RAMP
- Ⓣ TRANSITION
- Ⓛ LANDING

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9001	248+88.99	41.00	LT	334250.0790	2779465.8792
9002	248+88.99	31.00	LT	334240.0854	2779465.5205
9003	248+88.99	25.00	LT	334234.0893	2779465.3040
9004	248+88.99	22.00	LT	334231.0912	2779465.1977
9005	248+95.99	25.00	LT	334233.8382	2779472.3008
9006	248+95.99	31.00	LT	334239.8343	2779472.5160
9007	249+18.07	31.54	LT	334239.5782	2779494.6053
9008	249+18.37	25.54	LT	334233.5787	2779494.6832
9009	249+28.35	23.03	LT	334230.7068	2779504.5746
9010	249+28.35	26.03	LT	334233.7084	2779504.6823
9011	249+28.35	32.04	LT	334239.7117	2779504.8978
9012	249+28.35	35.62	LT	334243.2952	2779505.0264
9013	249+25.85	38.12	LT	334245.8833	2779502.6177
9014	249+12.70	38.12	LT	334246.3550	2779489.4738
9015	249+12.70	44.65	LT	334252.8761	2779489.7079
9016	249+53.35	44.65	LT	334251.4180	2779530.3340
9017	249+53.35	33.26	LT	334240.0365	2779529.9255
9018	249+53.35	27.25	LT	334234.0332	2779529.7101
9019	249+53.35	24.25	LT	334231.0315	2779529.6024
9020	249+61.35	27.64	LT	334234.1370	2779537.7094

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9021	249+61.05	33.64	LT	334240.1365	2779537.6316
9022	249+92.00	35.15	LT	334240.5385	2779568.6136
9023	249+92.29	29.16	LT	334234.5390	2779568.6915
9024	250+00.28	26.54	LT	334231.6412	2779576.5831
9025	250+00.28	29.55	LT	334234.6428	2779576.6908
9026	250+00.28	35.56	LT	334240.6461	2779576.9063
9027	249+99.78	44.85	LT	334249.9498	2779576.7398
9028	249+93.78	44.85	LT	334250.1650	2779570.7437
9029	249+93.78	48.85	LT	334254.1624	2779570.8872
9030	249+99.78	48.85	LT	334253.9472	2779576.8833
9031	250+00.28	50.14	LT	334255.2248	2779577.4295
9032	250+42.82	50.14	LT	334253.6991	2779619.9406
9033	250+42.82	47.64	LT	334251.2007	2779619.8510
9034	250+27.28	47.64	LT	334251.7580	2779604.3224
9035	250+24.78	45.14	LT	334249.3493	2779601.7344
9036	250+24.78	36.75	LT	334240.9644	2779601.4335
9037	250+24.78	30.75	LT	334234.9611	2779601.2180
9038	250+24.78	27.74	LT	334231.9594	2779601.1103
9039	250+36.58	28.32	LT	334232.1127	2779612.9228
9040	250+36.44	31.32	LT	334235.1125	2779612.8839

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9041	250+36.14	37.31	LT	334241.1120	2779612.8060
9042	250+52.37	38.10	LT	334241.3228	2779629.0528
9043	250+60.72	56.29	LT	334259.1958	2779638.0431
9044	250+60.72	62.58	LT	334265.4808	2779638.2687
9045	250+96.72	62.58	LT	334264.1896	2779674.2455
9046	250+96.72	60.54	LT	334262.1552	2779674.1725
9047	251+06.91	40.77	LT	334242.0313	2779683.6559
9048	251+23.14	41.56	LT	334242.2422	2779699.9026
9049	251+23.44	35.57	LT	334236.2427	2779699.9805
9050	251+23.58	32.57	LT	334233.2429	2779700.0194
9051	251+32.32	33.00	LT	334233.3565	2779708.7711
9052	251+31.43	35.96	LT	334236.3465	2779707.9798
9053	251+31.13	41.95	LT	334242.3460	2779707.9019
9054	251+32.10	42.00	LT	334242.3586	2779708.8742
9055	251+32.25	36.00	LT	334236.3572	2779708.8055
9056	252+11.69	42.00	LT	334239.5041	2779788.4072
9057	252+11.69	45.00	LT	334242.5022	2779788.5148
9058	252+16.69	45.00	LT	334242.3229	2779793.5116
9059	252+16.69	42.00	LT	334239.3248	2779793.4040
9060	252+19.89	42.00	LT	334239.2101	2779796.6001



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9501	248+97.07 R	46.00	RT	334162.8453	2779470.8300
9502	248+97.07 R	34.50	RT	334174.3379	2779471.2425
9503	248+98.40 R	31.00	RT	334177.7878	2779472.7020
9504	249+07.57 R	25.00	RT	334183.4552	2779482.0765
9505	249+07.57 R	22.00	RT	334186.4532	2779482.1841
9506	249+08.01 R	22.00	RT	334186.4371	2779482.6328
9507	249+08.01 R	25.00	RT	334183.4391	2779482.5252
9508	249+16.85 R	31.00	RT	334177.1262	2779491.1361
9509	249+18.01 R	34.50	RT	334173.5865	2779492.1780
9510	249+18.01 R	43.00	RT	334165.0920	2779491.8732
9511	249+75.21 R	43.00	RT	334163.0406	2779549.0308
9512	249+76.80 R	41.00	RT	334164.9821	2779550.6971
9513	249+75.90 R	40.27	RT	334165.7395	2779549.8146
9514	249+73.22 R	32.94	RT	334173.1639	2779547.4021
9515	249+74.35 R	31.00	RT	334175.0637	2779548.6022
9516	249+83.51 R	31.00	RT	334174.7350	2779557.7614
9517	249+83.51 R	25.00	RT	334180.7311	2779557.9766
9518	249+83.51 R	22.00	RT	334183.7292	2779558.0842
9519	249+90.51 R	25.00	RT	334180.4801	2779564.9721
9520	249+90.51 R	31.00	RT	334174.4839	2779564.7569
9521	250+55.23 R	31.00	RT	334172.1628	2779629.4302

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9522	250+55.23 R	25.00	RT	334178.1589	2779629.6454
9523	250+65.23 R	22.00	RT	334180.7983	2779639.7465
9524	250+65.23 R	25.00	RT	334177.8003	2779639.6389
9525	250+65.23 R	31.00	RT	334171.8041	2779639.4237
9526	250+65.23 R	32.47	RT	334170.3310	2779639.3708
9527	250+57.35 R	41.00	RT	334162.0931	2779631.1935
9528	250+58.53 R	43.00	RT	334160.0523	2779632.2943
9529	251+04.73 R	43.00	RT	334158.3951	2779678.4679
9530	251+04.73 R	31.00	RT	334170.3874	2779678.8983
9531	251+04.73 R	25.00	RT	334176.3835	2779679.1135
9532	251+04.73 R	22.00	RT	334179.3816	2779679.2211
9533	251+09.59 R	43.00	RT	334158.2209	2779683.3225
9534	251+12.73 R	37.28	RT	334163.8198	2779686.6677
9535	251+12.73 R	31.00	RT	334170.1005	2779686.8932
9536	251+12.73 R	25.00	RT	334176.0966	2779687.1084
9537	251+20.57 R	25.00	RT	334175.8156	2779694.9389
9538	251+20.57 R	31.00	RT	334169.8194	2779694.7237
9539	251+30.57 R	45.00	RT	334155.4699	2779704.2152
9540	251+30.57 R	31.00	RT	334169.4608	2779704.7173
9541	251+30.57 R	25.00	RT	334175.4569	2779704.9325
9542	251+30.57 R	22.00	RT	334178.4550	2779705.0401

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9543	251+52.57 R	22.00	RT	334177.6659	2779727.0259
9544	251+52.57 R	25.00	RT	334174.6678	2779726.9183
9545	251+52.57 R	31.00	RT	334168.6717	2779726.7031
9546	251+52.57 R	45.00	RT	334154.6808	2779726.2010
9547	251+59.57 R	31.00	RT	334168.4206	2779733.6986
9548	251+59.57 R	25.00	RT	334174.4168	2779733.9138
9549	251+65.79 R	31.00	RT	334168.1975	2779739.9160
9550	251+75.79 R	31.00	RT	334167.8388	2779749.9096
9551	251+75.79 R	25.00	RT	334173.8350	2779750.1248
9552	251+75.79 R	22.00	RT	334176.8330	2779750.2324
9553	251+84.95 R	31.00	RT	334167.5101	2779759.0688
9554	251+86.29 R	46.50	RT	334151.9722	2779759.8469
9555	252+26.79 R	46.50	RT	334150.5196	2779800.3208
9556	252+26.79 R	43.00	RT	334154.0173	2779800.4463
9557	252+16.81 R	31.00	RT	334166.3676	2779790.9024
9558	252+23.29 R	31.00	RT	334166.1351	2779797.3790
9559	252+23.29 R	25.00	RT	334172.1313	2779797.5942
9560	252+23.29 R	22.00	RT	334175.1294	2779797.7018
9561	252+31.29 R	22.00	RT	334174.8424	2779805.6966
9562	252+31.29 R	25.00	RT	334171.8444	2779805.5890
9563	252+31.29 R	31.00	RT	334165.8482	2779805.3738

SCALE
0 20 40 60

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	67

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

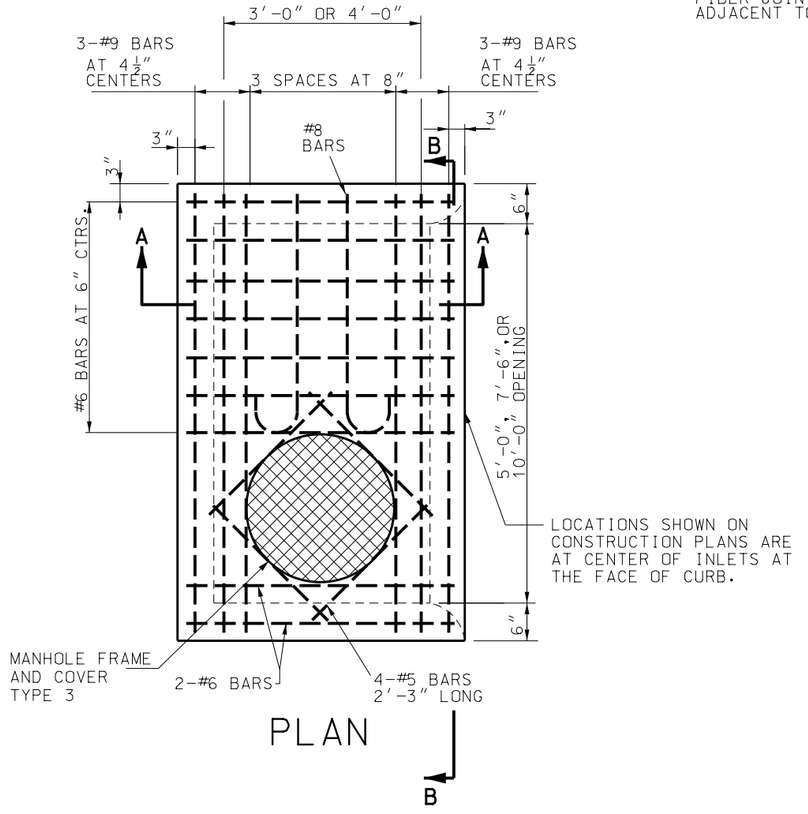
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

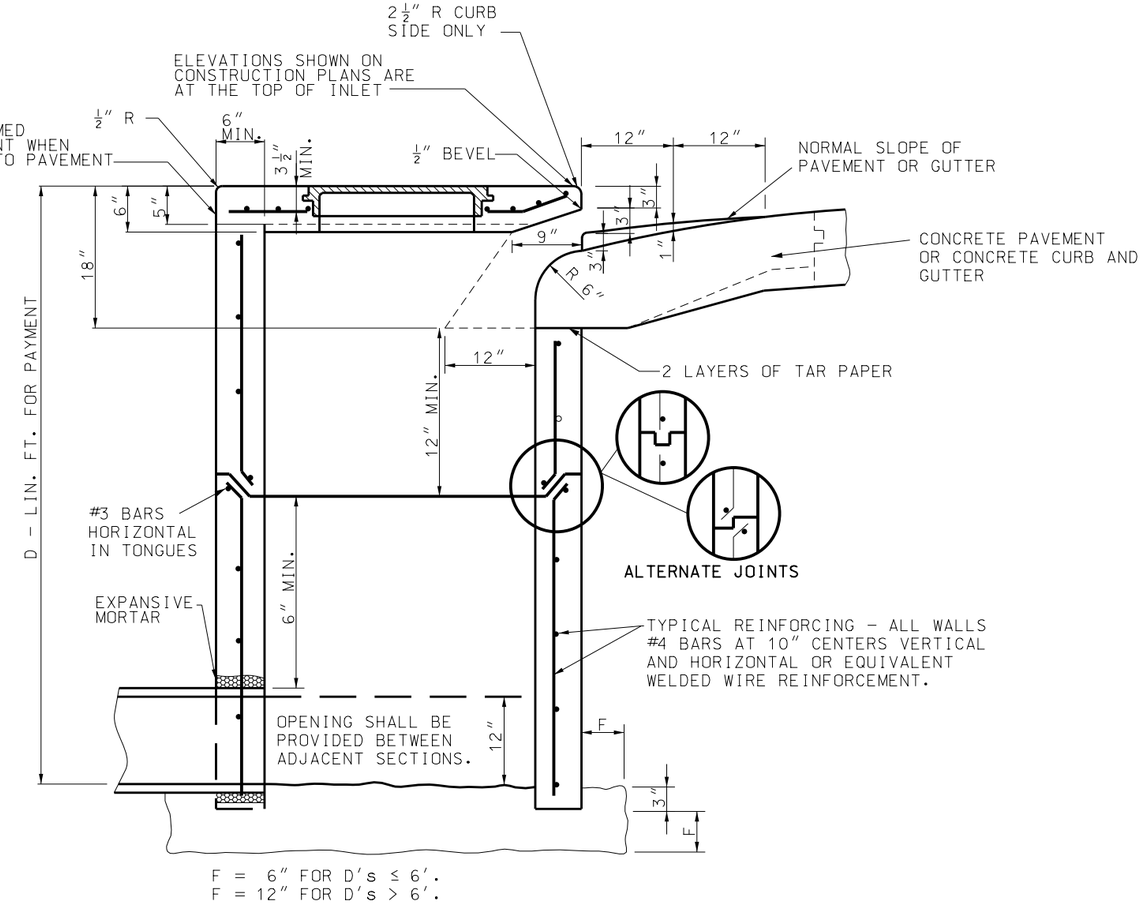
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
GEOMETRICS
40 OF 46

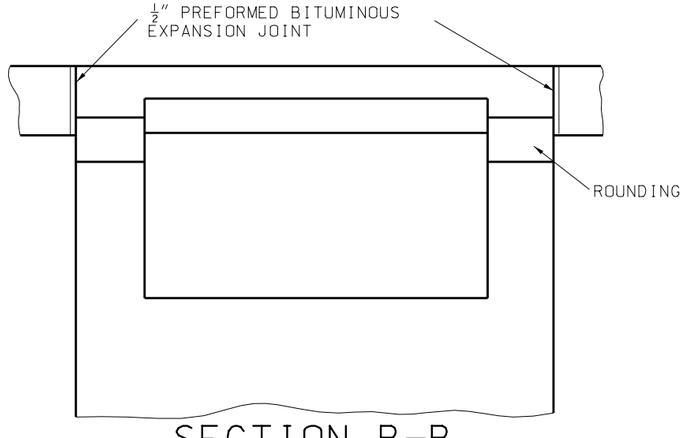


PLAN



F = 6" FOR D's ≤ 6'.
F = 12" FOR D's > 6'.

SECTION A-A



SECTION B-B
DETAILS OF OPENING

NOT TO SCALE

GENERAL NOTES:

THE LENGTH AND DEPTH OF THE INLET SHALL BE AS SHOWN ON THE PLANS.

IF DEPTH OF INLET EXCEEDS 6 FEET THE PRECAST UNITS MAY BE FURNISHED IN TWO OR MORE SECTIONS.

SEE STANDARD PLAN 731.10 FOR ADDITIONAL DETAILS

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	68

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
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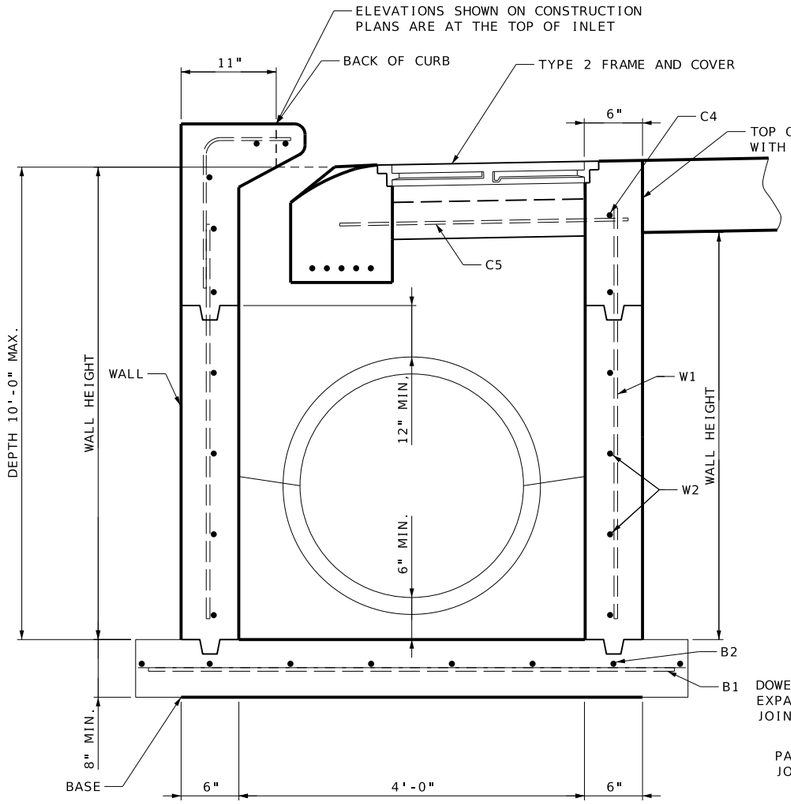
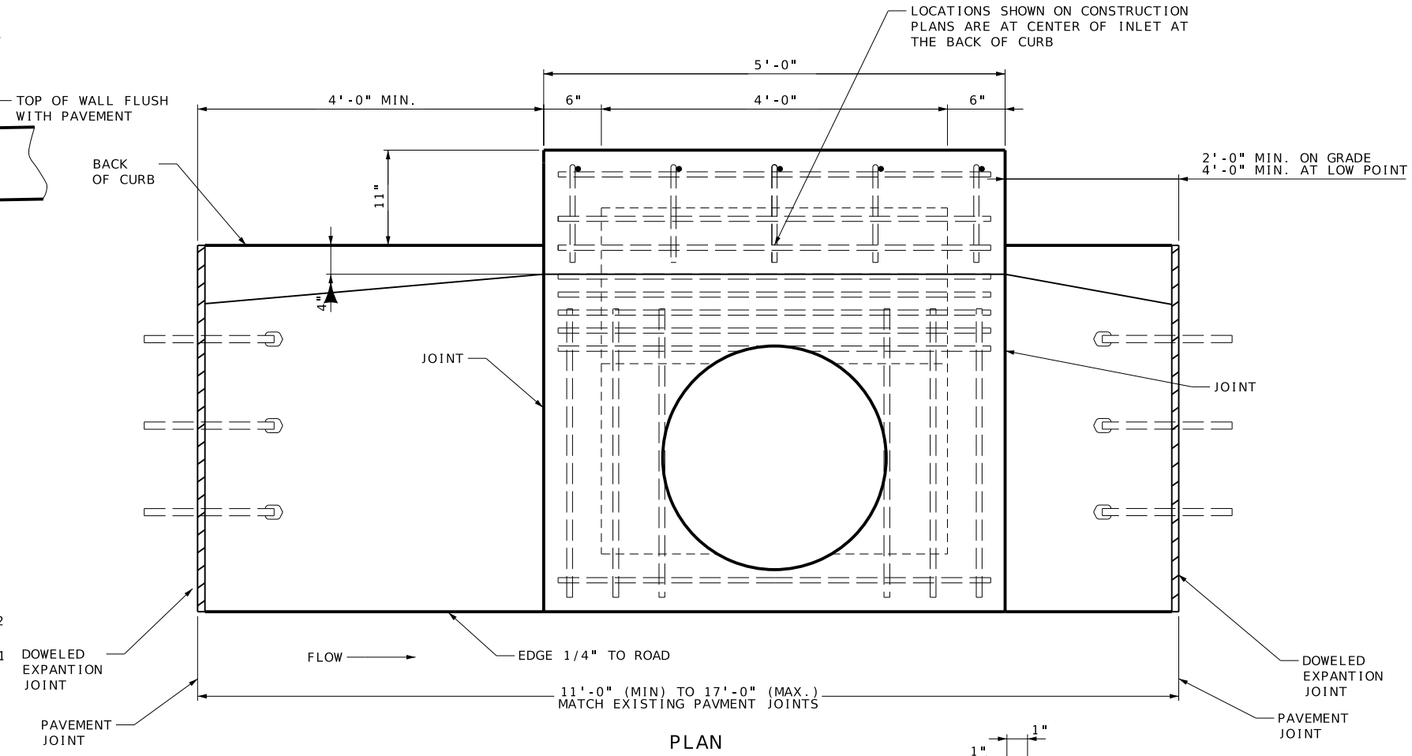
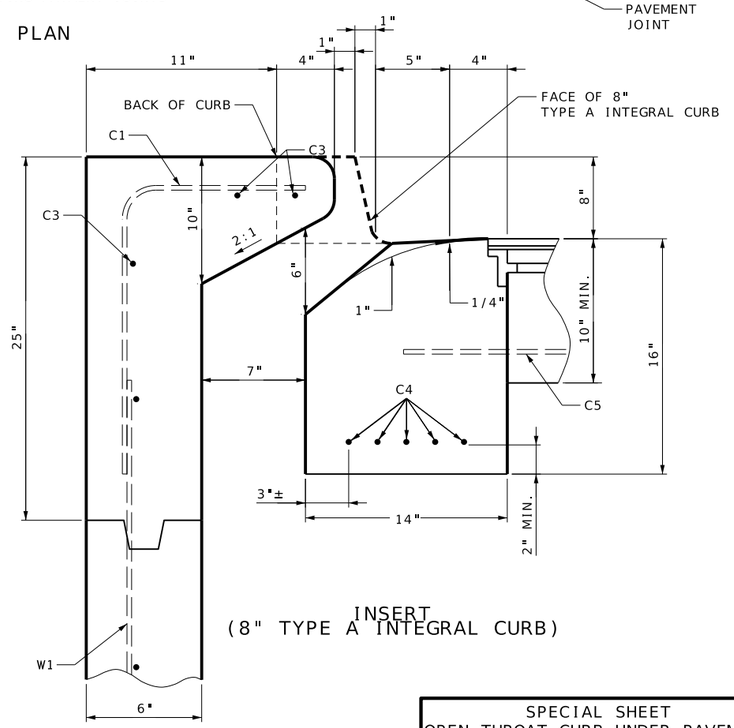
SPECIAL SHEET
MODIFIED TYPE T INLET
SHEET 41 OF 46



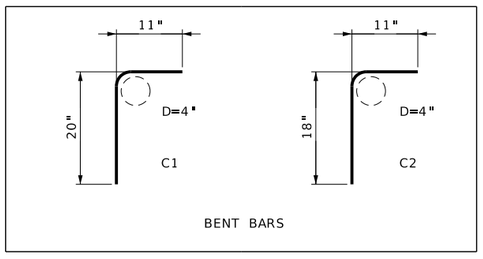
TYPICAL SECTION



PLAN



INSERT
(8" TYPE A INTEGRAL CURB)



BENT BARS

REINFORCING BAR LIST					
MARK	SIZE	LOCATION	SHAPE	LENGTH	SPACING
B1	4	BASE	——	5'-6"	11"
B2	4	BASE	——	5'-6"	11"
W1	4	WALL	——	WALL HEIGHT MINUSE 1"	14"
W2	4	WALL	——	4'-8"	12"
C1	4	TOP	⌜	2'-7"	14"
C2	4	TOP	⌜	2'-5"	14"
C3	4	TOP	——	4'-8"	SEE DETAIL
C4	4	TOP	——	4'-8"	SEE DETAIL
C4	4	TOP	——	3'-2"	SEE DETAIL

MAXIMUM PIPE DIAMETER	
PRECAST	30"
CAST-IN-PLACE	36"

NOT TO SCALE

SPECIAL SHEET
OPEN-THROAT CURB UNDER PAVEMENT
SHEET 42 OF 46

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	69

COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
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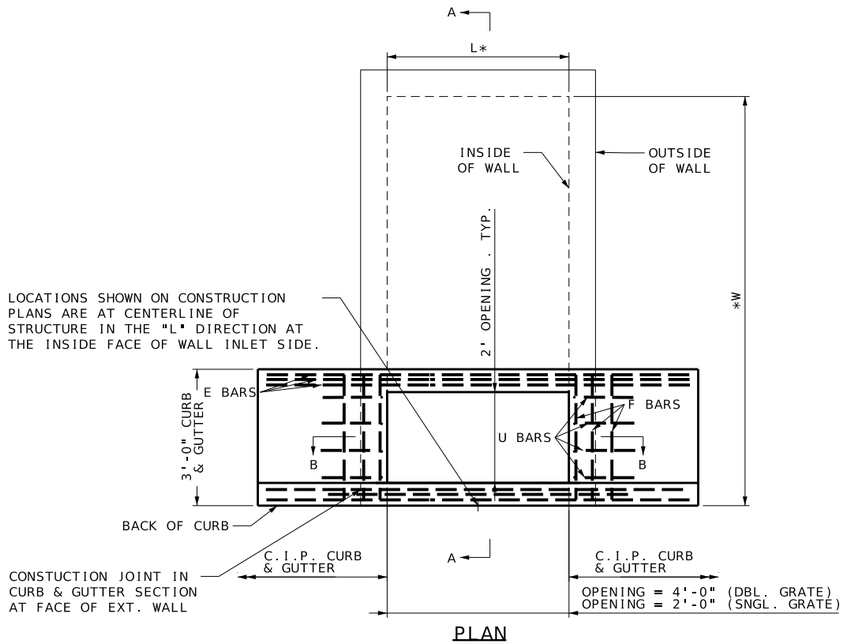
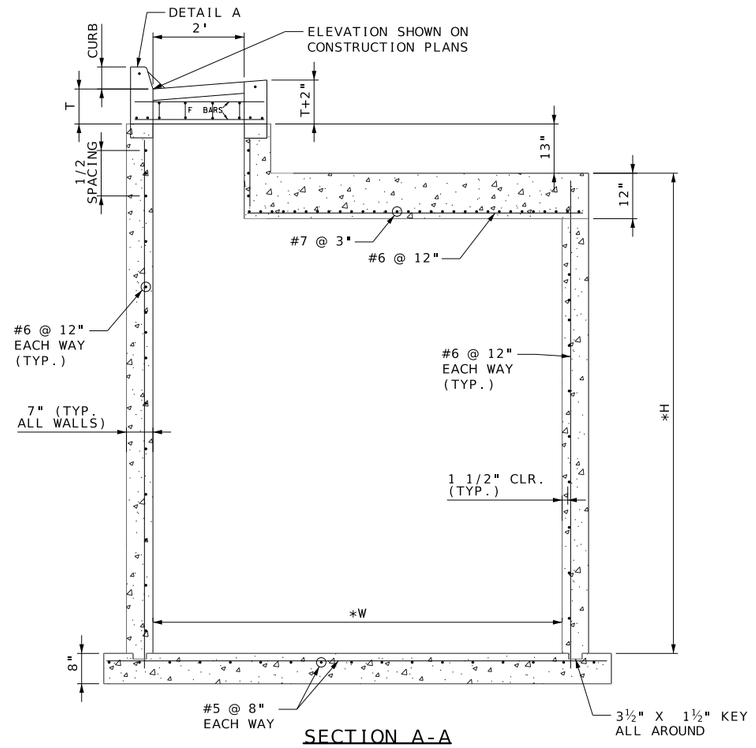
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

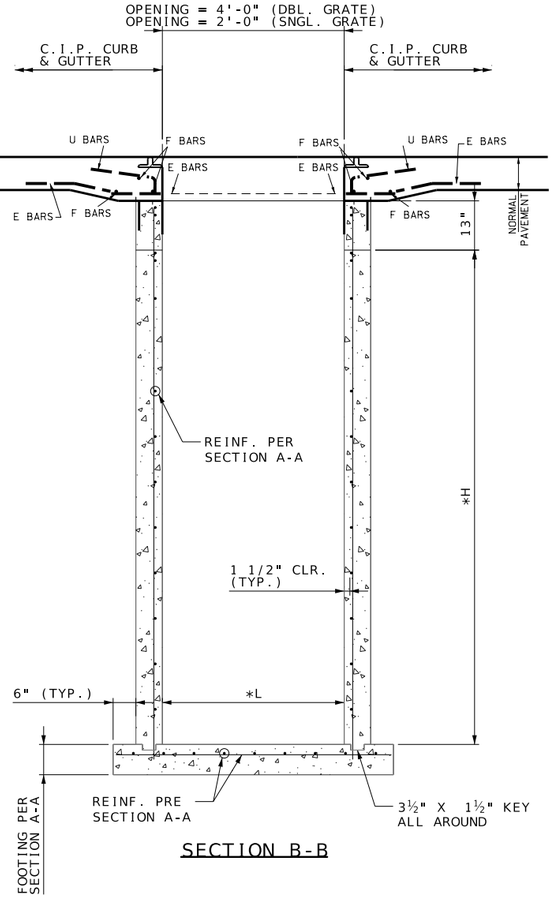


PLAN



SECTION A-A

* H UP TO 12'-0"
L UP TO 8"-0"
W UP TO 9'-0"



SECTION B-B

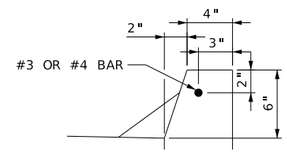
PAVEMENT THICKNESS	"T" DIMENSION
LESS THAN OR EQUAL TO 11"	11"
12"	12"
13"	13"
GREATER THAN OR EQUAL TO 14"	14"

NOTES:

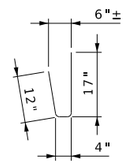
1. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTE IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION. FL'S LISTED ON THE PROJECT PLANS ARE LISTED AT THE INSIDE FACE OF THE WALL.
2. FLOOR OF INLET SHALL HAVE A SHAPED CONCRETE INVERT TO PROVIDE FOR SMOOTH FLOW.
3. THE MINIMAL DIMENSION BETWEEN THE TOP OF PIPE AND THE TOP OF BOX SHALL BE 2'-6" (TYPICAL ALL WALLS).
4. ALL CLEAR DISTANCES TO REINFORCING STEEL SHALL BE 1-1/2" UNLESS OTHERWISE SHOWN.
5. USE HILT HIT HY150 INJECTION ADHESIVE ANCHOR OR APPROVED EQUAL FOR ALL ANCHOR BOLT GROUTING.
6. ALL INGRADE INLETS SHALL CONFORM TO STREET GRADE. ALL INLETS IN SUMP SHALL BE LEVEL. BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.
7. FOR 2'X2' OPENING SEE STANDARD PLAN 614.11D FOR CURVED VANE GRATE AND FRAME DETAIL.
8. FOR 4'X2' OPENING USE NEENAH R-4999-L6 TYPE "L" GRATE WITH TYPE "B" FRAME OR APPROVED EQUAL.

PAVEMENT BAR BILL					
TYPE	WIDTH	LENGTH	MARK	NO.	LENGTH
D	2'	2'	E	6	7'-0"
			F	6	2'-9"
			U	8	2'-9"
	4'	4'	E	6	9'-0"
			F	6	2'-9"
			U	8	2'-9"

BARS E, F. & U.....#4



DETAIL A



U-BARS
BENDING DIAGRAM

NOT TO SCALE

SPECIAL SHEET
MODIFIED TYPE D GRATE INLET DETAIL
SHEET 43 OF 46

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	70

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

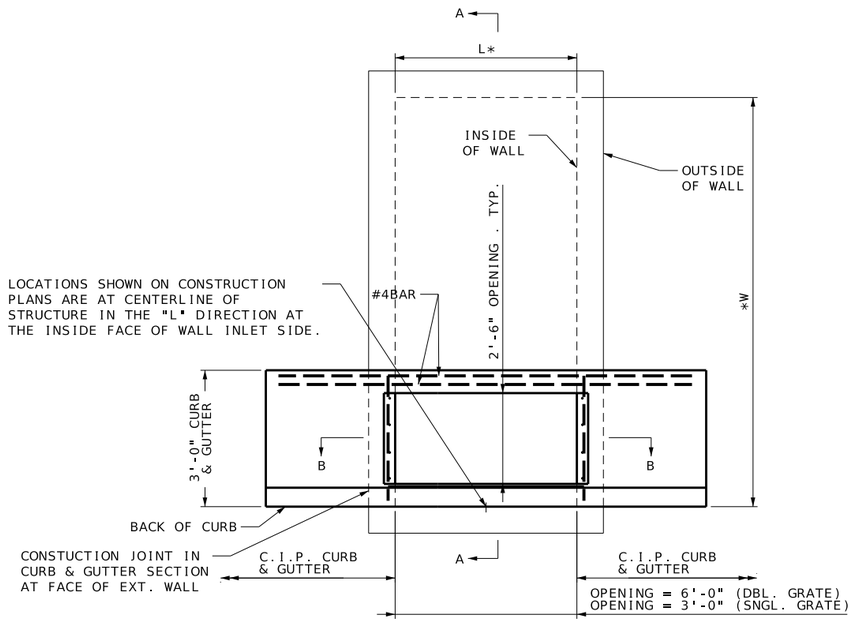
BRIDGE NO.

DESCRIPTION	DATE

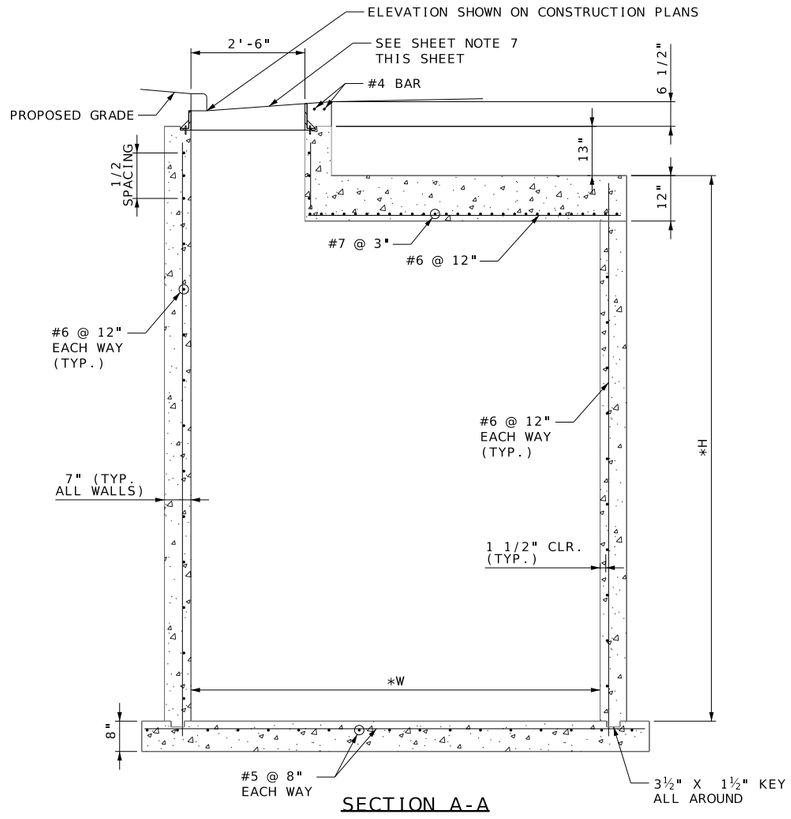
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



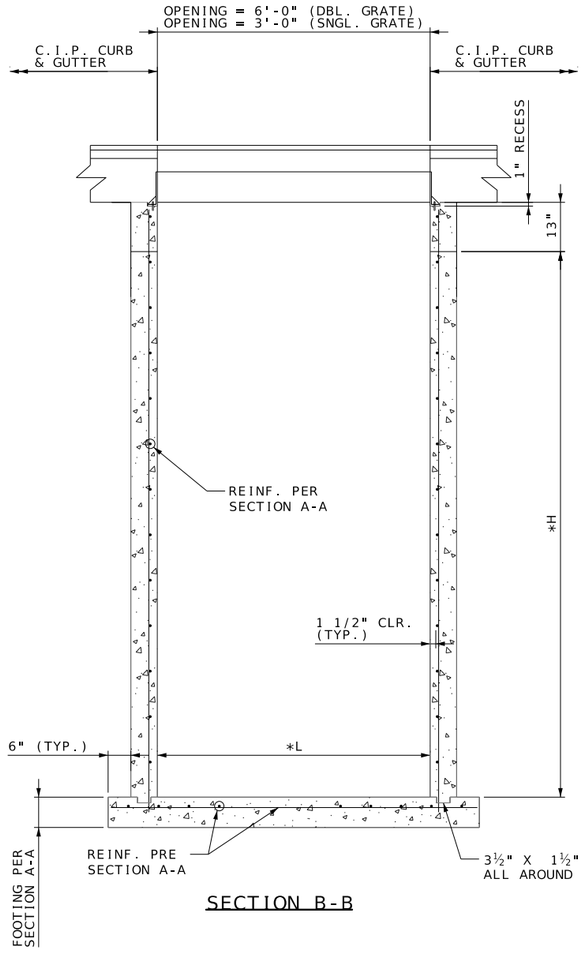
PLAN



SECTION A-A

* H UP TO 12'-0"
L UP TO 8'-0"
W UP TO 9'-0"

NOT TO SCALE



SECTION B-B

NOTES:

1. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTE IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION. FL'S LISTED ON THE PROJECT PLANS ARE LISTED AT THE INSIDE FACE OF THE WALL.
2. FLOOR OF INLET SHALL HAVE A SHAPED CONCRETE INVERT TO PROVIDE FOR SMOOTH FLOW.
3. THE MINIMAL DIMENSION BETWEEN THE TOP OF PIPE AND THE TOP OF BOX SHALL BE 2'-6" (TYPICAL ALL WALLS).
4. ALL CLEAR DISTANCES TO REINFORCING STEEL SHALL BE 1-1/2" UNLESS OTHERWISE SHOWN.
5. USE HILT HIT HY150 INJECTION ADHESIVE ANCHOR OR APPROVED EQUAL FOR ALL ANCHOR BOLT GROUTING.
6. ALL INGRADE INLETS SHALL CONFORM TO STREET GRADE. ALL INLETS IN SUMP SHALL BE LEVEL. BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.
7. NEENAH R-3293-2 DOUBLE CURB INLET FRAME, TYPE 'L' GRATE, & CURB BOX OR APPROVED EQUAL. OR NEENAH R-3246-AL SINGLE CURB INLET FRAME, TYPE 'L' GRATE, & CURB BOX OR APPROVED EQUAL.

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	71

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

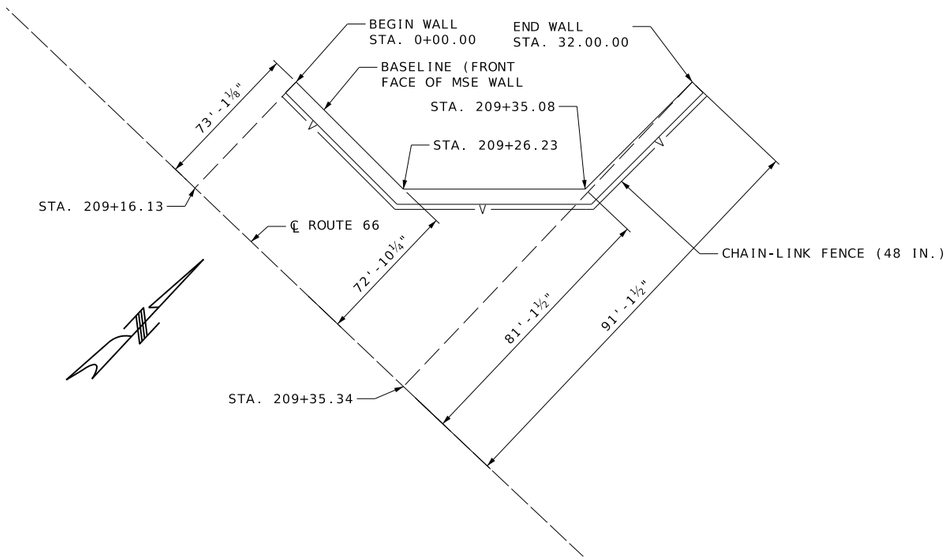
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

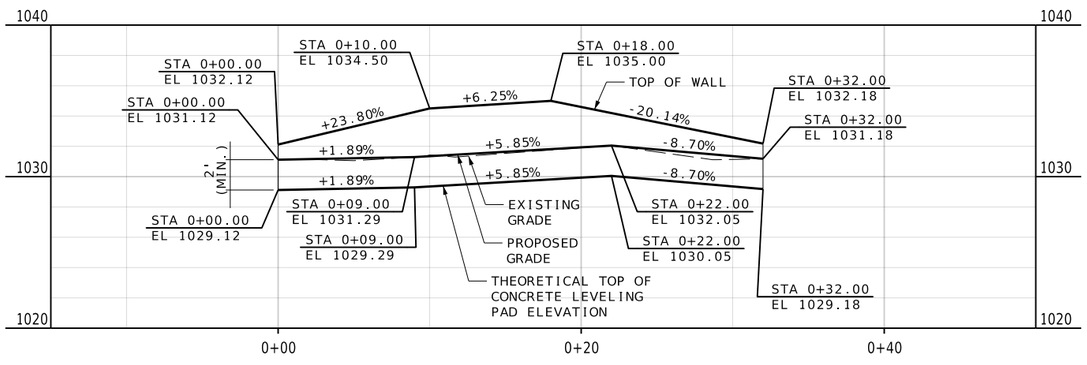
SPECIAL SHEET
COMBINATION GRATE INLET DETAIL
SHEET 44 OF 46

32' MECHANICALLY STABILIZED EARTH (MSE) RETAINING WALL SYSTEM

SEC/SUR 4 TWP 27N RGE 33W



PLAN



DEVELOPED ELEVATION

Concrete Leveling pad not shown for clarity. (1)

(1) Wall contractor shall show the following items on the design drawings and/or on the fabricator shop drawings.

- Leveling pad horizontal.
- Leveling pad length and step elevations shall be based on wall manufacturer's recommendation.Top of leveling pad elevations shall not be higher than theoretical top of leveling pad elevations shown on these plans.

Estimated Quantities

Item		Total
Mechanically Stabilized Earth Wall Systems	sq. foot	137
Chain-Link Fence (48 in.)	lin. foot	34

MSE Wall Systems Data Table

Proprietary Wall Systems		Combination Wall Systems			
Manufacturer	System	Facing Unit Manufacturer	Facing Unit	Geogrid Manufacturer	Geogrid

MSE Wall Systems Data Table is to be completed by MoDOT construction personnel to record the manufacturer of the proprietary wall system or the manufacturers of the combination wall system that was used for constructing the MSE wall.

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 2

General Notes:

Design Specifications:

2020 AASHTO LRFD Bridge Design Specifications (9th Ed.)
2023 AASHTO Guide Specifications for LRFD Seismic Bridge Design (3rd Ed.)
Seismic Design Category = A (Seismic Zone - 1)
Design earthquake response spectral acceleration coefficient at 1.0 second period, S_{a1}<0.15 = Acceleration Coefficient (effective peak ground acceleration coefficient), A_s= N/A

Design Loading:

A geotechnical investigation was not undertaken at this location. Contractor shall make an assessment of the anticipated bearing pressure needed to satisfy its MSE wall design, and ensure that the excavation is monitored by a licensed geotechnical engineer or geologist during construction. Contractor shall stop work and assist the inspector for testing of the subgrade to ensure it is in compliance with the Contractor's assumed wall design parameters (bearing pressure, friction angle, unit weight, etc.) prior to installation of the leveling pad. Where necessary, Contractor shall install foundation improvements, which may consist of over-excavation and replacement with suitable compacted granular backfill. Payment will not be made for removal and replacement of foundation subgrade material that is inherently unsound or became unsuitable because of improper methods of construction by the Contractor. This work shall be considered subsidiary to the bid item "Mechanically Stabilized Earth Wall Systems" per square foot. No payment will be made for any costs involved in replacing the volume below the wall, except that the Contractor will be reimbursed for the delivered cost of the granular backfill when directed by the Engineer.

For strength limit state and extreme event limit state, the wall designer to confirm that the minimum Capacity to Demand Ratio (CDR) for bearing, sliding, overturning, eccentricity, and internal stability is greater than or equal to 1.0. MSE wall designer shall include this note on shop drawings.

The maximum applied factored bearing stress for the strength at the foundation level shall be shown on the shop drawings and shall be less than the factored bearing resistance.

Contractor shall include design Φ (actual $\Phi \geq 34°$) and the total unit weight, γ, for the select granular backfill (reinforced backfill and wedge area backfill) for structural systems on shop drawings. Contractor shall identify source of select granular backfill material, submit proctor in accordance with AASHTO T 99 (ASTM D698) and gradation with the shop drawings. When backfill material is too coarse to develop a proctor curve the contractor shall determine the maximum dry density (relative density) in accordance with ASTM D4253 and ASTM D4254 and assume percent passing the 200 sieve for optimum water content.

Total unit weight, γ = (95% compaction) x (maximum dry density) x (1 + optimum water content)

Design Φ = 34°for the select granular backfill (reinforced backfill) for structural systems.

RETAINING WALL ALONG LEFT SIDE OF ROUTE 66

ABOUT 0.2 MILES EAST OF SCHIFFERDECKER
BEGINNING STATION 259+04.62

SPECIAL SHEET
RETAINING WALL
SHEET 45 OF 46

STATE OF MISSOURI
10/10/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED
10/10/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	72

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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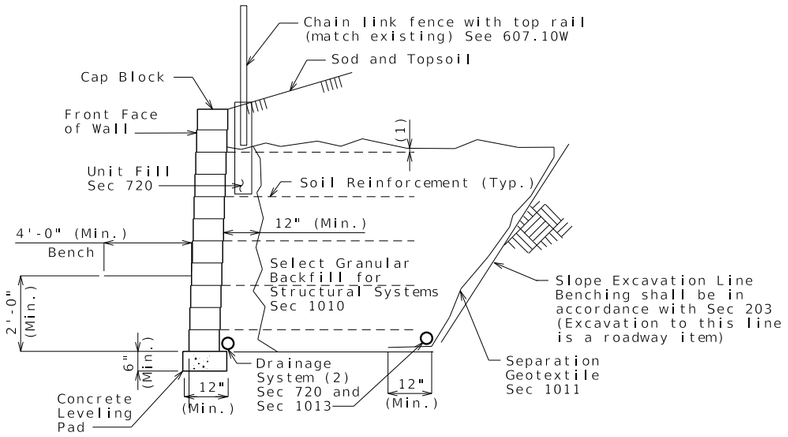
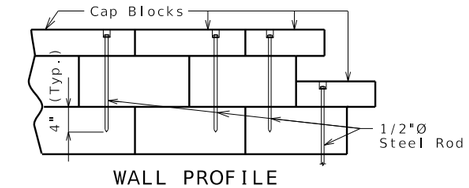
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

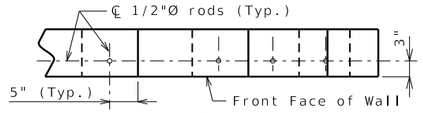
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592



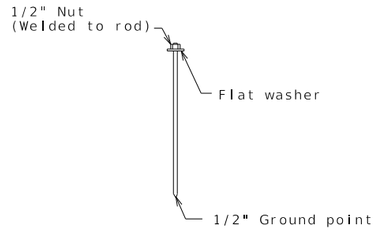
TYPICAL SECTION THRU DRYCAST OR WETCAST MODULAR BLOCK WALL



WALL PROFILE



WALL PLAN



DETAILS OF 1/2" THREADED ROD OR REINFORCING ROD

Notes for Drycast or Wetcast Modular Block Walls:

(1) Topmost layer of reinforcement shall be fully covered with select granular backfill for structural systems, as approved by the wall manufacturer, before placement of the Separation Geotextile.

(2) Minimum 6" diameter perforated PVC or PE pipe.

Manufacturer shall show drain details on design plans to be submitted as shown on MoDOT MSE wall plans and/or roadway plans.

Contractor shall modify the drain details as shown if it will improve flow as may be the case for stepped leveling pad, and for an uneven ground line (approval of the engineer required).

Holes shall be 5/8-inch round and extended 4 inches into the third layer of blocks, recessed 2 inches deep by 1 1/2 inches round.

Rods or reinforcing bars shall be secured by an approved resin anchor system in accordance with Sec 1039.

Recess hole shall be backfilled with non-shrink cement grout.

Permanent shims will be sparingly allowed to maintain horizontal and vertical control. The preferable shim shall be made of a plastic material that will not rust, stain, rot or leach onto the concrete and has a minimum compressive strength equal to block wall unit. Steel or wood shims will not be allowed. Shims shall not exceed 3/16 inch in thickness and shall distribute load in order to not induce stress into block wall units. No shim shall be used between the concrete leveling pad and the base course of the block wall.

Contractor shall provide block outs in wall to accommodate existing signal cable and conduits.

Design Unit Stresses:

All concrete for leveling pad shall be Class B or B-1 with f'c = 4000 psi.

The minimum compressive strength of concrete for precast modular (drycast and wetcast) block shall be 4,000 psi in accordance with Sec 1052.

Excavation:

Excavation quantities and pay items are given on the roadway plans. Excavation quantities are based on a soil reinforcement length of 5 ft. The soil reinforcement length may vary based upon the wall design selected by the contractor. Plan excavation quantities will be paid regardless of any actual quantities removed based on the soil reinforcement length and design selected.

Miscellaneous:

The MSE wall system shall be built vertical.

The MSE wall system shall be built in accordance with Sec 720.

The MSE wall system shall be a drycast modular block or wetcast modular block wall system.

Precast modular panel, drycast modular block, wetcast modular block and coping (or capstone) reinforcement shall be epoxy coated.

A filter cloth meeting the requirements for a Separation Geotextile material shall be placed between the select granular backfill for structural systems and the backfill being retained by the mechanically stabilized earth wall system.

The contractor shall be solely responsible to coordinate construction of the wall with bridge and roadway construction and ensure that the bridge and roadway construction, resulting or existing obstructions, shall not impact the construction or performance of the wall. Soil reinforcement shall be designed and placed to avoid damage by pile driving, guardrail post installation, utility and sign foundations. (See Roadway and Bridge plans.)

Soil reinforcement shall be spaced to avoid roadway drop inlet behind wall.

All steel soil reinforcements shall be separated from other metallic elements by at least 3 inches.

The splay angle should be less than 15° and tensile capacity of splayed reinforcement shall be reduced by the cosine of the splay angle. Soil reinforcement shall clear the obstruction by at least 3 inches.

No reinforcement shall be left unconnected to the wall face or arbitrarily cut/bent in the field to avoid the obstruction.

Where interference between the vertical obstruction and the soil reinforcement is unavoidable, the design of the wall near the obstruction may be modified using one of the alternatives in FHWA-NHI-10-024, Section 5.4.2. Show detail layout on the drawings. For wall designs with horizontal obstructions in reinforced soil mass, see FHWA-NHI-10-024, Section 5.4.3.

Detailed ____ ____
Checked ____ ____

DRYCAST OR WETCAST MODULAR BLOCK WALL

DETAILS FOR GENERIC MSE WALL

Note: This drawing is not to scale. Follow dimensions.

SPECIAL SHEET
RETAINING WALL
SHEET 46 OF 46

STATE OF MISSOURI
10/07/2025
KRISTEN ASHLEY STEHL
NUMBER PE - 2021000284
PROFESSIONAL ENGINEER

DATE PREPARED 10/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	73

COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS AND CONCRETE BARRIER

SIGN SPACING FOR ADVANCE SIGN SERIES (1)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200′	200′
40-45	350′	500′
50-55	500′	1000′
60-70	1000′	SA - 1000′ SB - 1500′ SC - 2640′

TAPER LENGTHS AND END TREATEMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (2)			END TREATMENT (3)
	10′	11′	12′	
<40	160′	168′	176′	BARRIER HEIGHT TRANSITION
>40	160′	168′	176′	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH			MINIMUM SHOULDER TAPER LENGTH BASED ON 10′ SHOULDER	BUFFER LENGTH FT.	MAXIMUM CHANNELIZER SPACING	
	10′	11′	12′			THROUGH TAPER	THROUGH WORK AREA
0-35	205′	225′	245′	70′	280′	35′	40′
40-45	450′	495′	540′	150′	400′	40′	80′
50-55	550′	605′	660′	185′	560′	50′	80′
60-70	700′	770′	840′	235′	840′	60′	120′

NOTE:
SEE STANDARD PLAN 616.10 FOR TEMPORARY TRAFFIC CONTROL DEVICES.

NOTES:

(1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION MAY BE ADJUSTED BY INCREASING TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.

(2) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10′ SHOULDER.

(3) CONCRETE BARRIER MAY BE INSTALLED AT AN 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER. CONTRACTOR MY PROVIDE CONCRETE BARRIER AT OWN EXPENSE. INCIDENTAL TO PROJECT.

GENERAL NOTES:

1. AS WITH ALL CONSTRUCTION ACTIVITIES TRAFFIC SITUATIONS ARE SUBJECT TO CHANGE. THE CONTRACTOR SHALL BE AWARE THAT ALL TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE STANDARDS OUTLINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION, SECTION 600 AND SHALL FOLLOW THE GUIDELINES IN THE MODOT 'TRAFFIC CONTROL FOR FIELD OPERATIONS MANUAL'.

2. TWO (2) PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE SUPPLIED A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF ANY TURNING RESTRICTIONS, LANE CLOSURES, OR DETOURS REQUIRED BY THE TEMPORARY TRAFFIC CONTROL.

3. PLACE A 'ROAD WORK AHEAD' SIGN ON THE APPROACH TO ALL INTERSECTIONS WHERE THE ADVANCE SIGNING FOR THE TEMPORARY TRAFFIC CONTROL EXTENDS PAST THAT INTERSECTION.

4. NOTIFY MODOT RESIDENT ENGINEER AT 417-621-6525 (MARVIN MORRIS) 48-HOURS IN ADVANCE OF ANY LANE CLOSURE OR ROADWAY CLOSURE.

5. ALL EXISTING SIGNS SHALL BE USED IN PLACE. ADJUSTED AND/OR COVERED AS CONDITIONS REQUIRE.

6. REFER TO MODOT STANDARD PLANS 619.10J. SHEETS 1-3 FOR "PAVEMENT EDGE TREATMENT" DETAILS. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THIS STANDARD DURING WORKING AND NON-WORKING HOURS.

7. ALL STATIONING, DISTANCES, AND SPACING OF WORK ZONES DEVICES ARE APPROXIMATE AND MAY BE REVISED AS APPROVED BY ENGINEER.

8. TYPE III MOVEABLE BARRICADES TO BE LOCATED AS APPROVED BY THE ENGINEER TO FIT FIELD CONDITIONS.

9. FIRST ORDER OF WORK ON ALL PHASES SHALL BE PLACEMENT OF ALL WORK ZONE WARNING DEVICES AND SIGNS AS NOTED.

10. SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED OR AS APPROVED BY THE ENGINEER.

11. SIGNS LEFT IN PLACE OVERNIGHT MUST BE MOUNTED AT 5′ MINIMUM.

12. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.

13. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, IF NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

14. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.

15. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS OR CONSTRUCTION SIGNS.

16. SIGN SPACING DISTANCE MAY BE ADJUSTED (INCREASED, TYPICALLY) ACCORDING TO FIELD CONDITIONS.

17. REFER TO MODOT STANDARD PLAN, 612.20 FOR SAND FILLED IMPACT ATTENUATORS AND 617.20 FOR TEMPORARY CONCRETE TRAFFIC BARRIER.

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 74
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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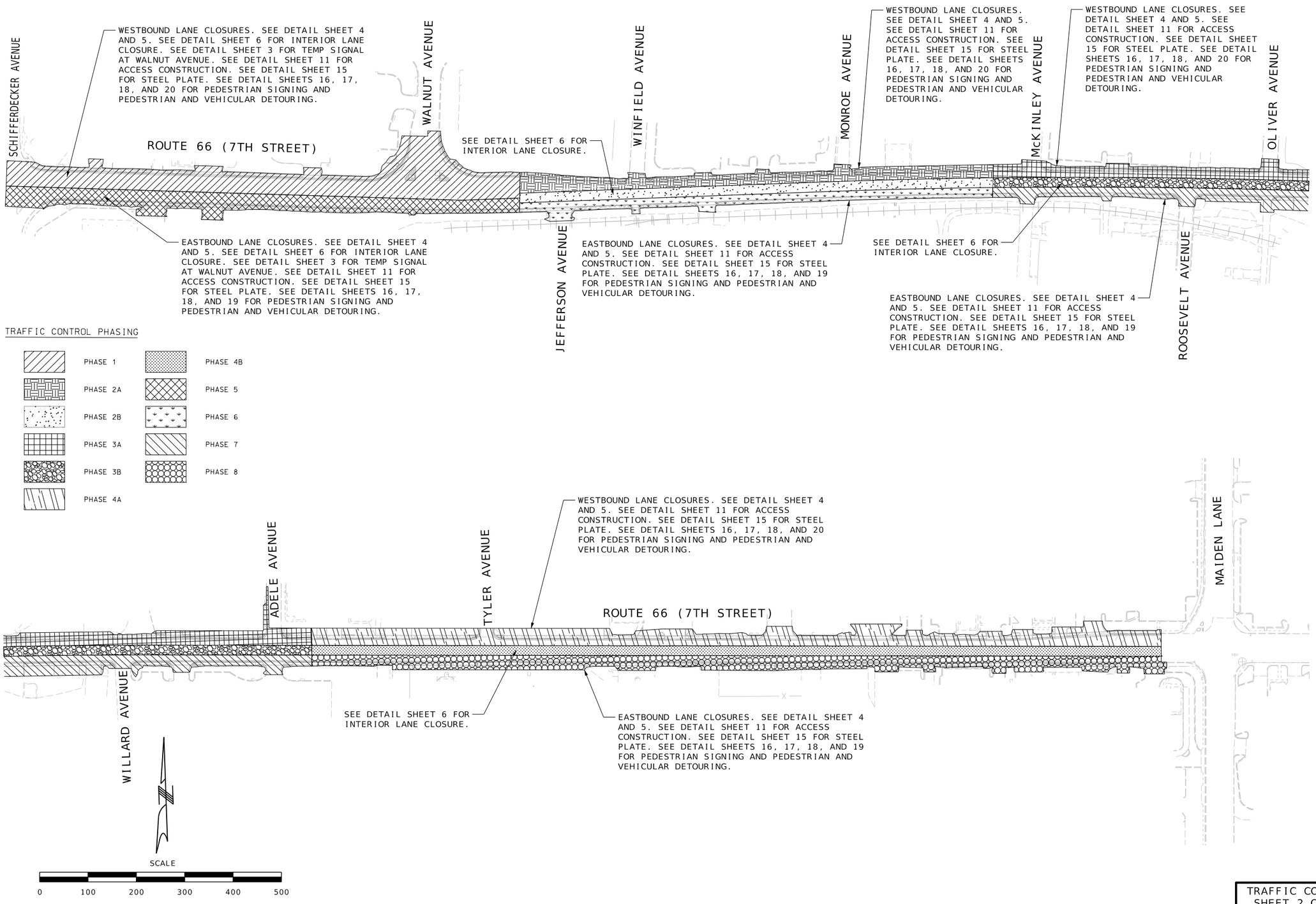

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	75

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

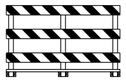
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

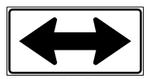
TRAFFIC CONTROL
SHEET 2 OF 20

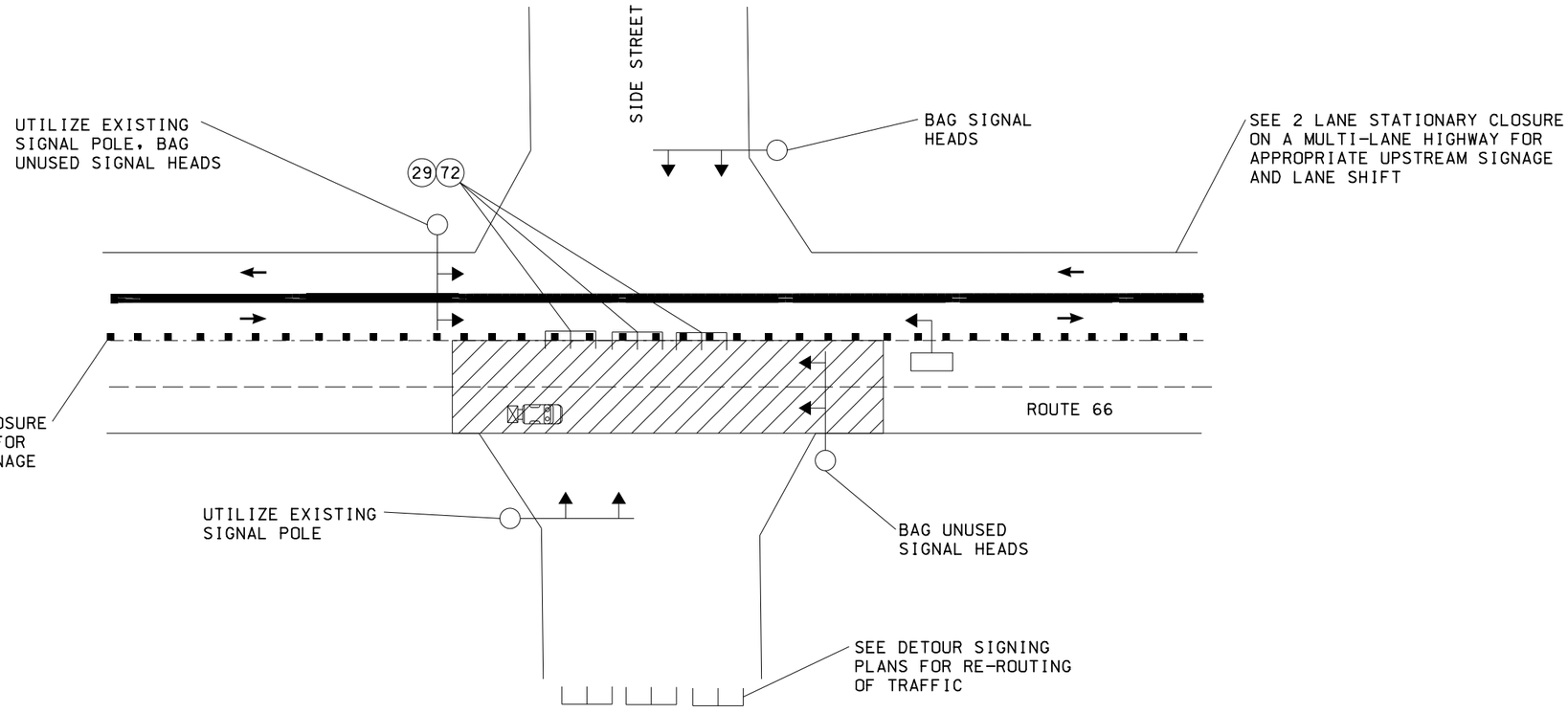
TEMPORARY SIGNAL FOR 2 LANE CLOSURE ON A MULTI-LANE HIGHWAY





3 DEVICES
(HARD CLOSURE)





LEGEND

- ACTIVE CONSTRUCTION AREA
- CHANNELIZER
- TYPE 3 BARRICADE
- TEMPORARY TRAFFIC CONTROL SIGN
- TEMPORARY TRAFFIC SIGNAL

NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. LANE WIDTHS SHALL BE A MINIMUM OF 10' WIDE UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR TO TIE TEMPORARY SIGNAL INTO EXISTING SIGNAL TIMINGS.
6. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 76
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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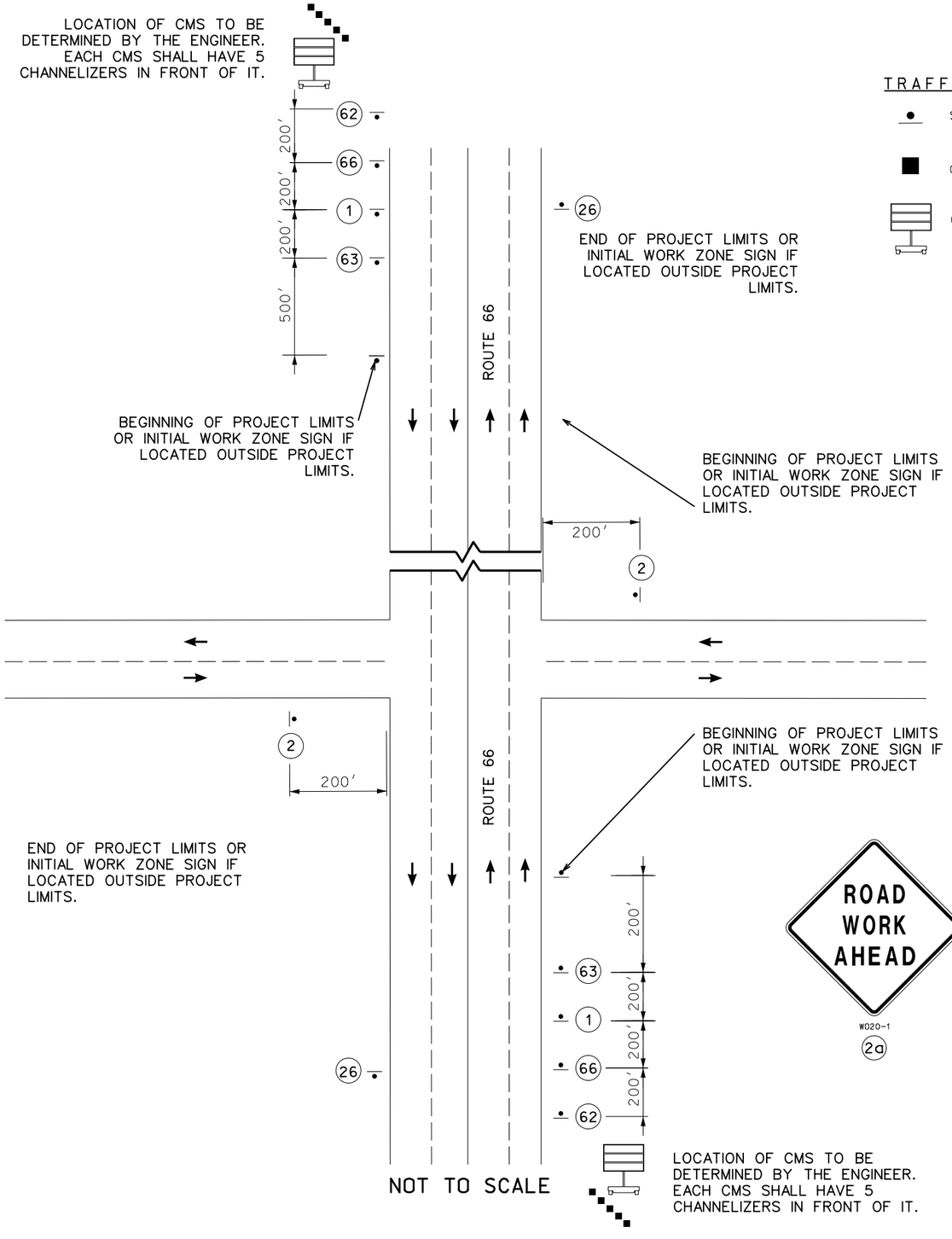
BEGIN AND END OF PROJECT SIGNING

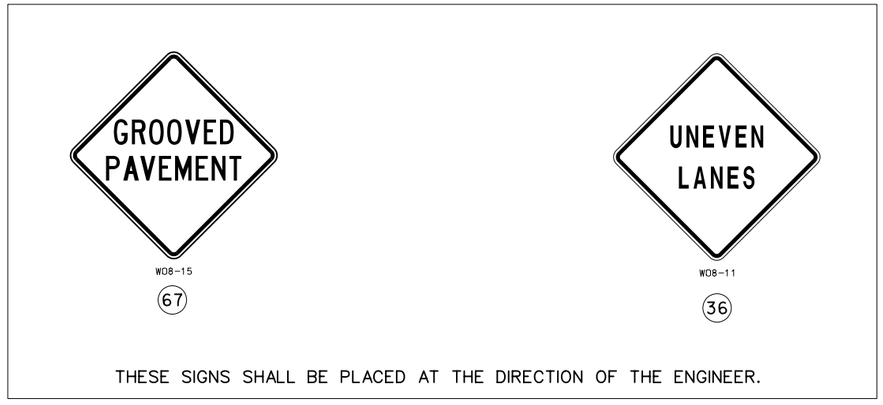


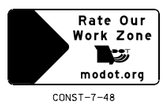
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- CHANGEABLE MESSAGE SIGN

NOTES:

1. SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ADJUSTMENTS ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS OCCUR OR ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ADDITIONAL SIGNING.



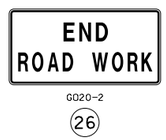












JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	77

COUNTY: JASPER

JOB NO.: J7S2185B&F

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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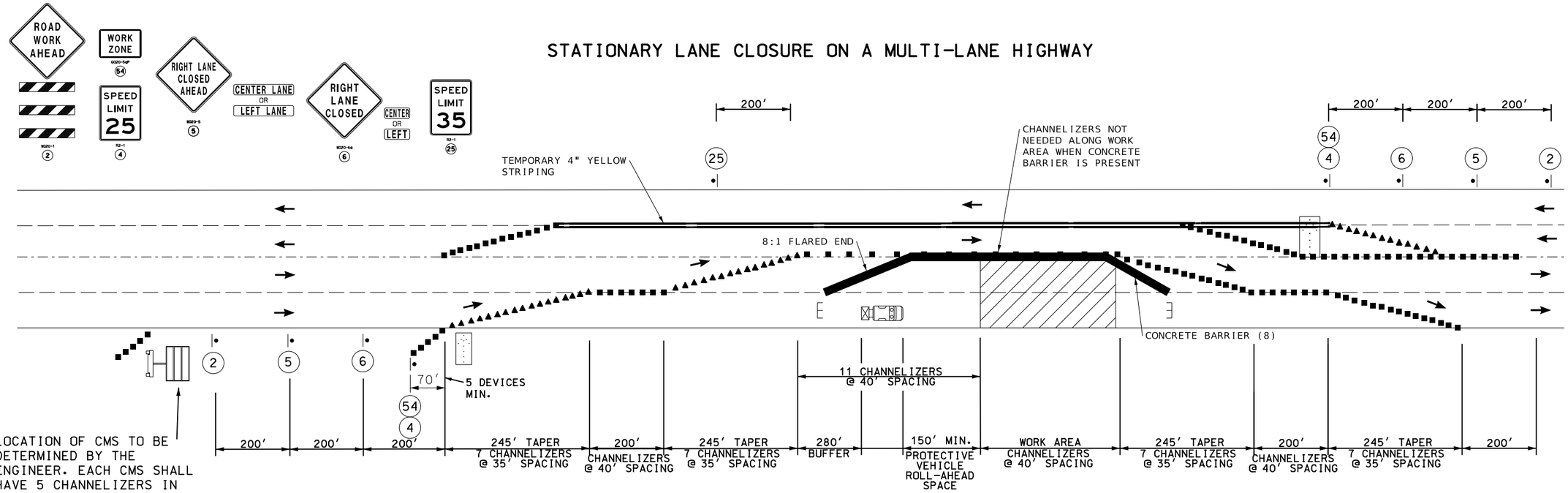
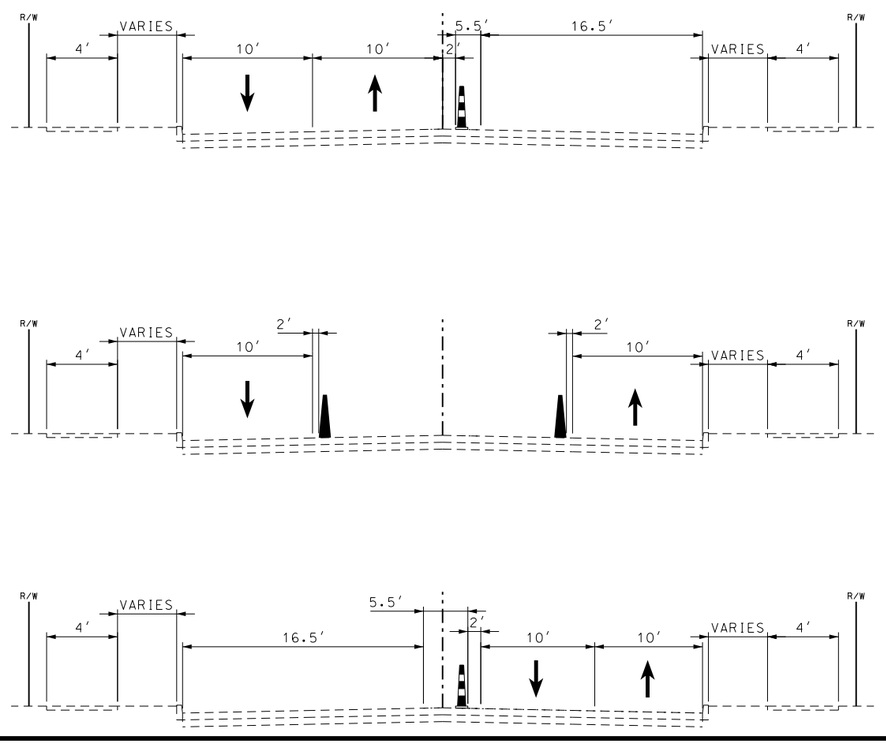
STATIONARY LANE CLOSURE ON A MULTI-LANE HIGHWAY



NOT TO SCALE



NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. LANE WIDTHS SHALL BE A MINIMUM OF 10' WIDE UNLESS OTHERWISE SPECIFIED.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES.
6. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
7. FLASHING ARROW PANEL ON PROTECTIVE VEHICLE SHALL BE OPERATED IN CAUTION MODE. THE PROTECTIVE VEHICLE SHALL HAVE HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS ACTIVATED FOR THE DURATION OF THE WORK ZONE.
8. CONCRETE BARRIER SHALL BE USED AS NEEDED FOR DEEP EXCAVATIONS.
9. CONCRETE BARRIER NEEDED FOR BOX CULVERT CONSTRUCTION ALONG 7TH.
10. TEMPORARY TRAFFIC BARRIER TO BE PLACED DURING NON PEAK PERIODS TO ACCOMODATE PLACEMENT OF BARRIER.
11. TEMPORARY SURFACING AS APPROVED BY ENGINEER.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE
- FLASHING ARROW PANEL
- PROTECTIVE VEHICLE WITH FLASHING ARROW PANEL AND TMA
- CHANGEABLE MESSAGE SIGN
- TEMPORARY TRAFFIC BARRIER
- TYPE 3 BARRICADE

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	78

COUNTY JASPER

JOB NO. J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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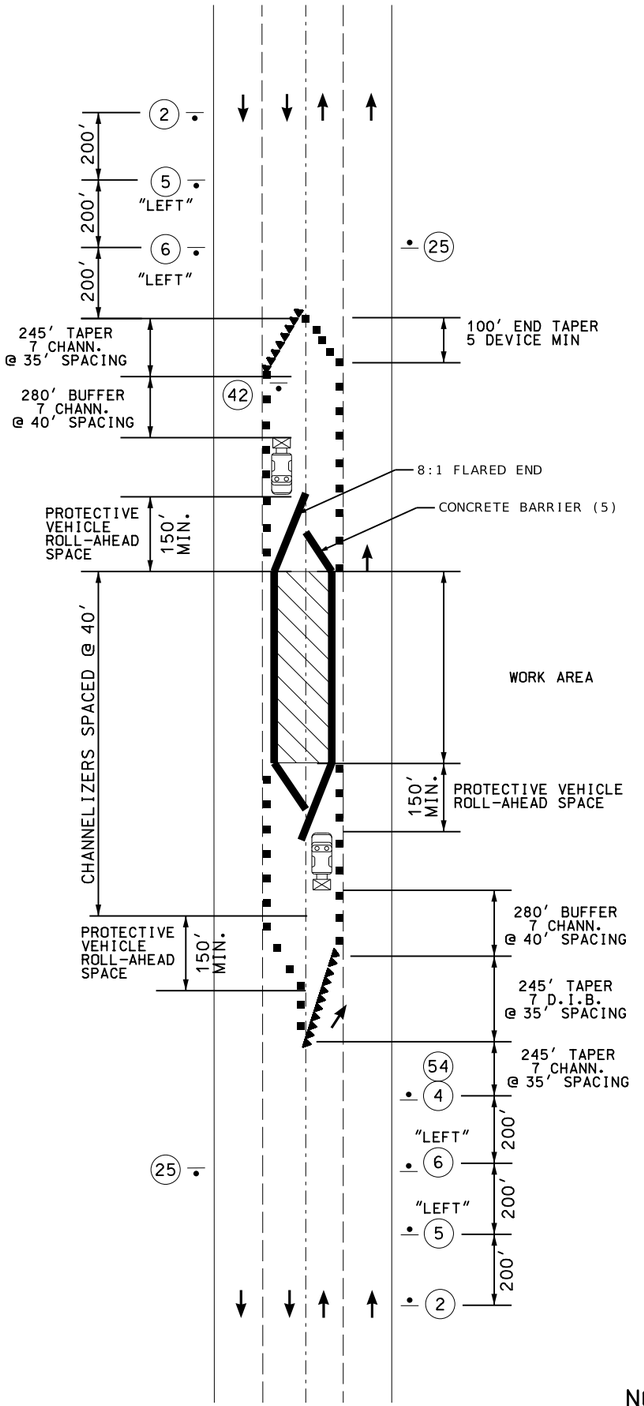
INTERIOR LANE CLOSURE ON A MULTI-LANE HIGHWAY

NOTES:
1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
5. CONCRETE BARRIER SHALL BE USED AS NEEDED FOR CONSTRUCTION PHASING.
6. TEMPORARY SURFACING AS APPROVED BY ENGINEER.





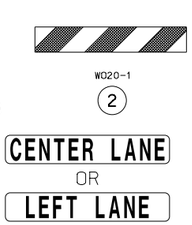


















TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- PROTECTIVE VEHICLE WITH FLASHING ARROW PANEL AND TMA

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 79
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

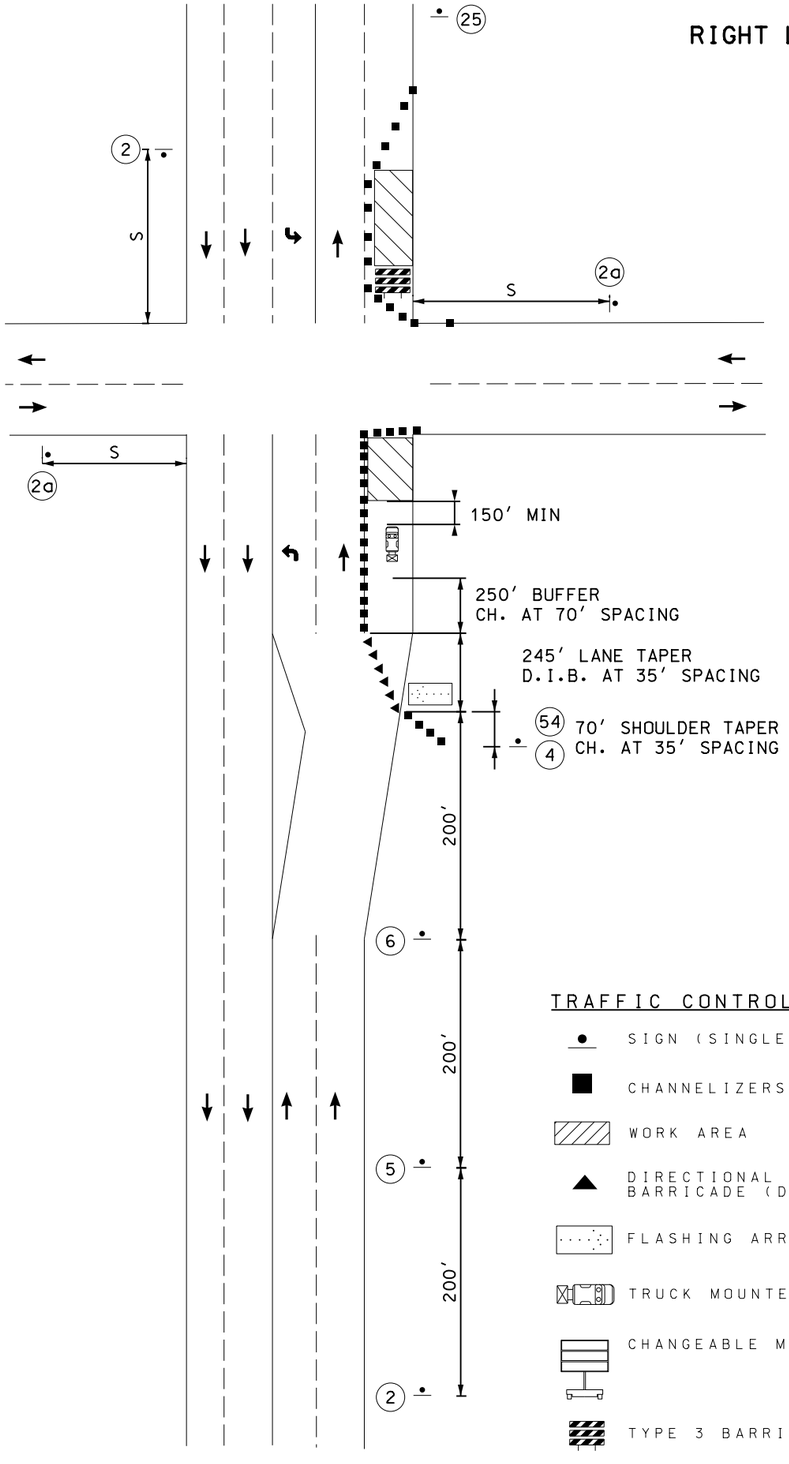
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TRAFFIC CONTROL
SHEET 6 OF 20

RIGHT LANE CLOSURE AT INTERSECTION WORK ON NEAR OR FAR SIDE





R2-1

25



G020-5aP

54



R2-1

4



W020-1

2a



W020-5

5



W020-6a

6



W020-1

2

NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
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3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- CHANGEABLE MESSAGE SIGN
- TYPE 3 BARRICADE

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	80

COUNTY: JASPER

JOB NO.: J7S2185B&F

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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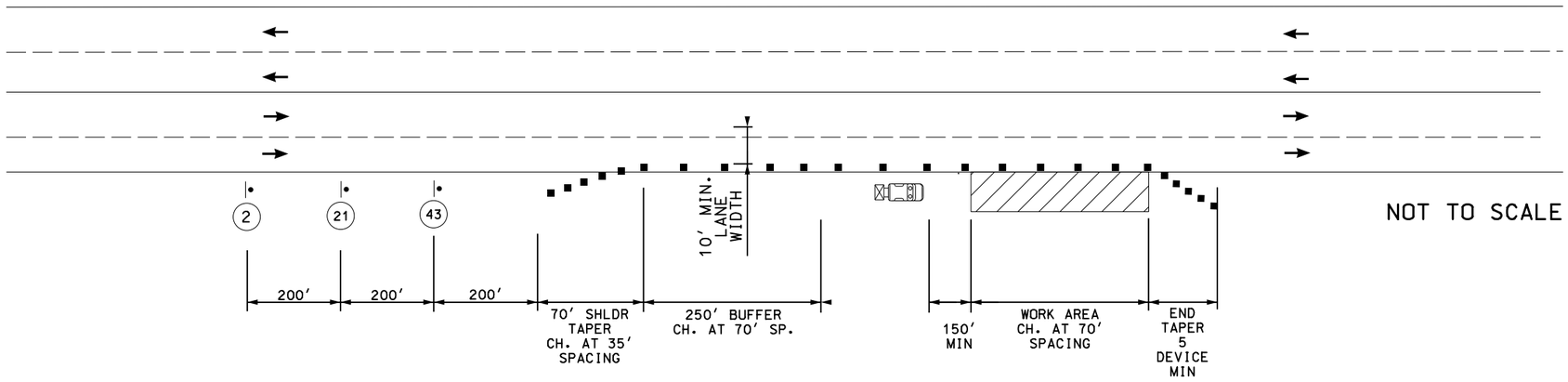
STATIONARY SHOULDER CLOSURE



NOT TO SCALE

NOTES:

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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- CHANGEABLE MESSAGE SIGN



W020-1

2



W021-5

21



W05-1

43

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	81

COUNTY: JASPER

JOB NO.: J7S2185B&F

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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NOTES:

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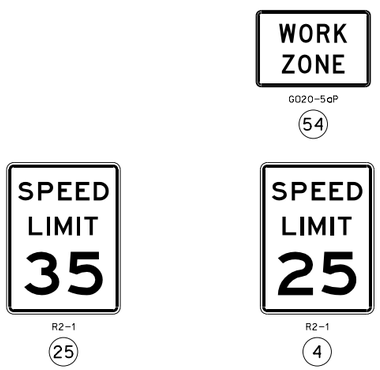
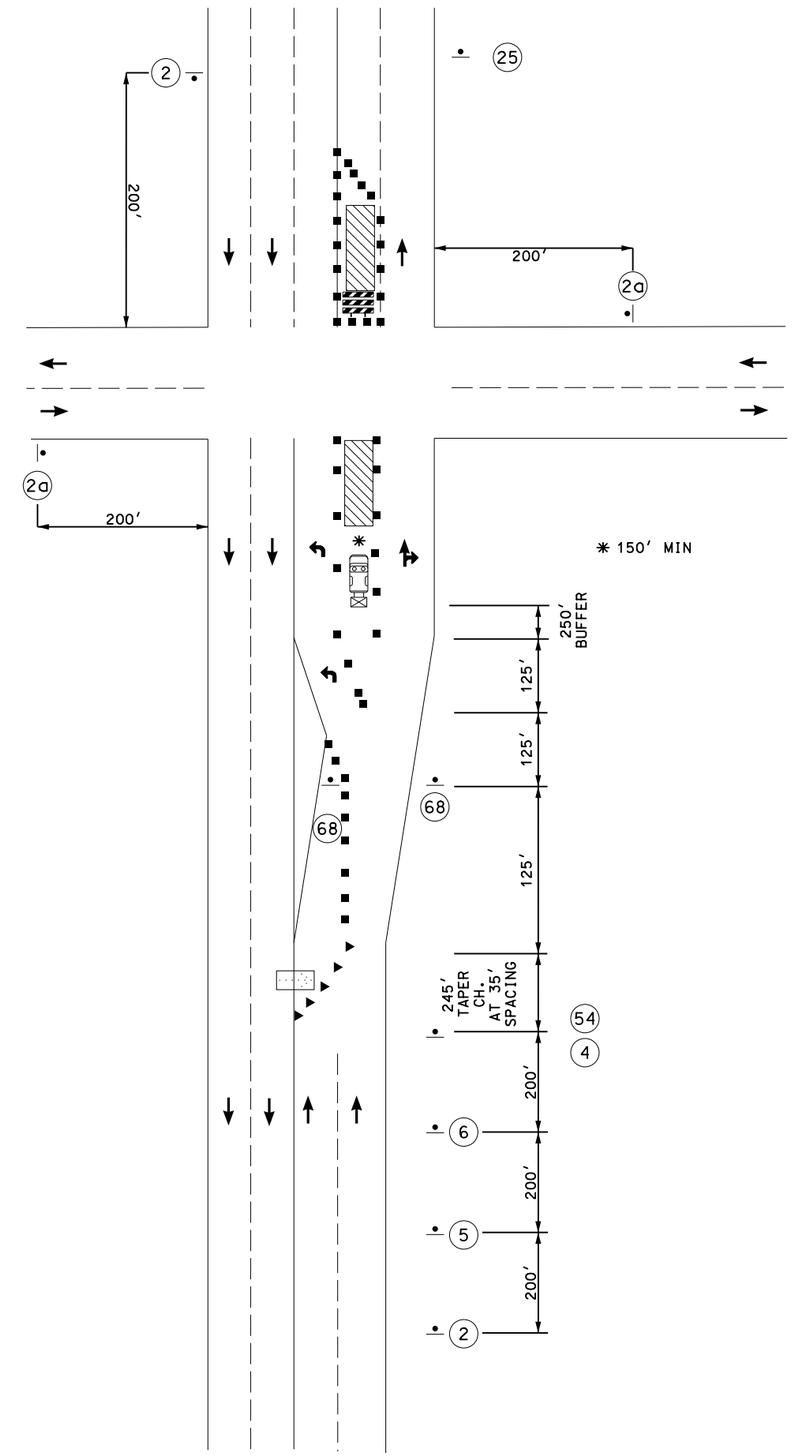
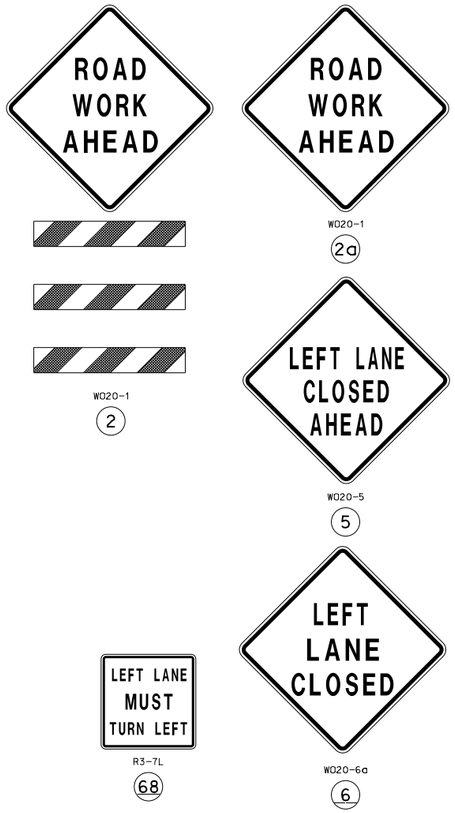
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKINGS AS NEEDED.
5. LANES WIDTHS SHALL BE A MINIMUM OF 10'.
6. CONTRACTOR SHALL MAKE EVERY EFFORT TO MAINTAIN ACCESS TO BUSINESSES DURING CONSTRUCTION. CLOSURE OF SIDE STREETS AND COMMERCIAL ENTRANCES SHALL BE MINIMIZED.
7. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
8. REDUCED SPEED LIMIT IS POSTED SPEED LIMIT MINUS 10 MPH WITH A MINIMUM SPEED LIMIT OF 35 MPH.
9. FLAGS ARE REQUIRED FOR DAY TIME HOURS ONLY.
10. TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
11. PAVEMENT MARKING AND TYPE 3 BARRICADES ARE OPTIONAL FOR SHORT TERM OPERATIONS.
12. LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
13. FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS, OR DETECTOR SETTINGS.
14. FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FOOT DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE NORMAL SPACING.
15. THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.



LEFT LANE CLOSURE AT INTERSECTION





TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- TYPE 3 BARRICADE

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	82

COUNTY: JASPER

JOB NO.: J7S2185B&F

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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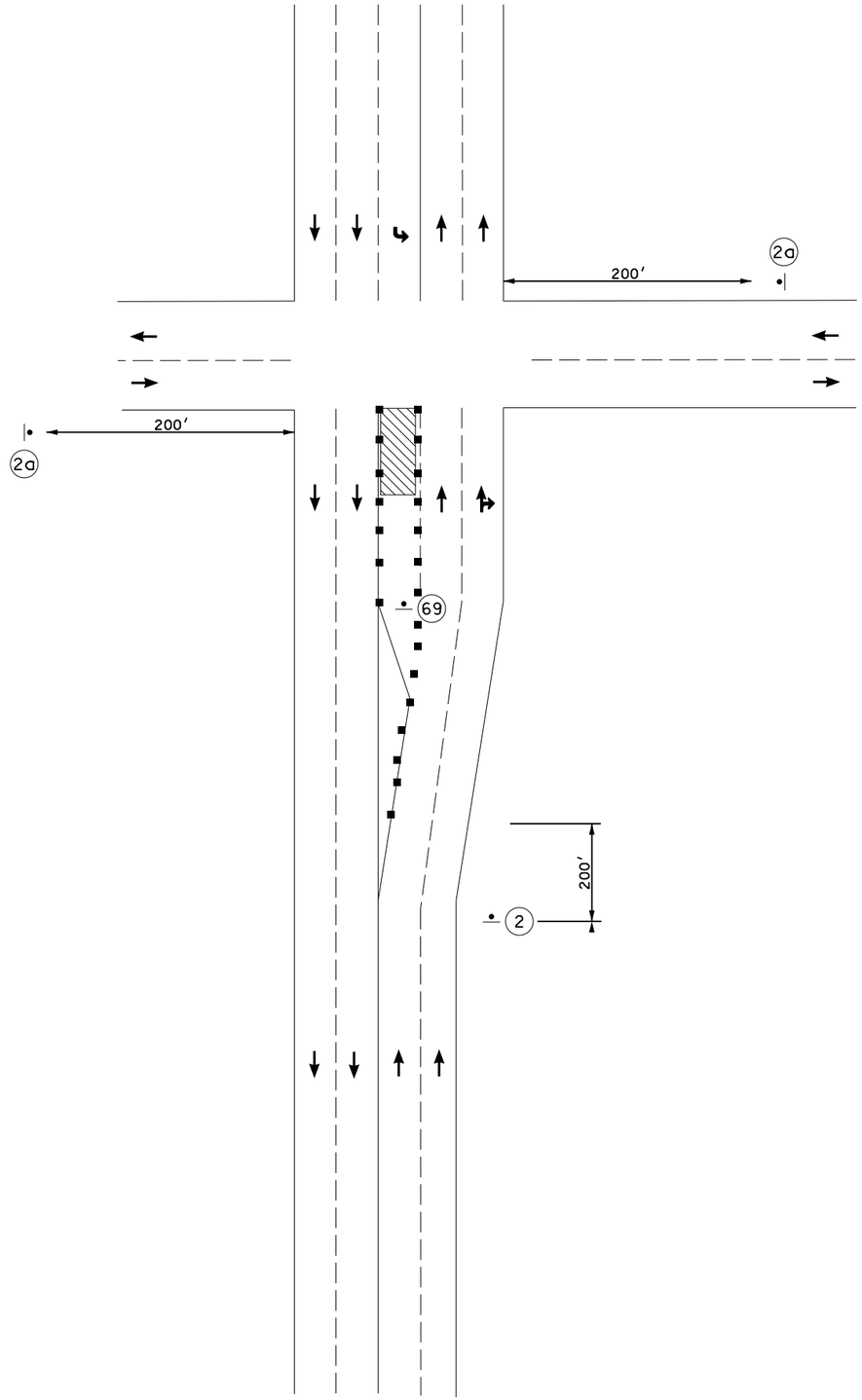
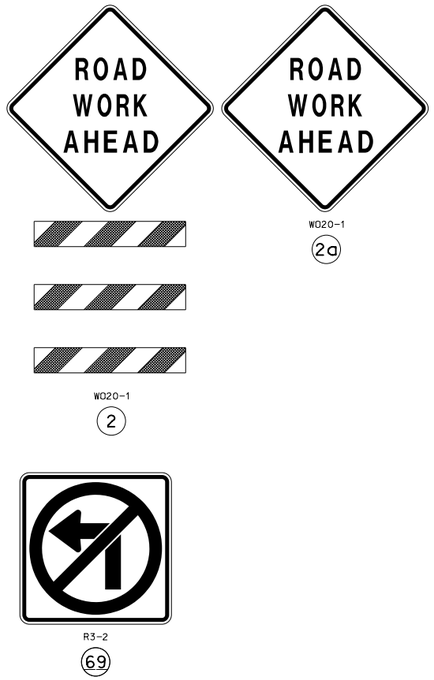
TURN LANE CLOSURE AT INTERSECTION





NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	83

COUNTY: JASPER

JOB NO.: J7S2185B&F

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TRAFFIC CONTROL
SHEET 10 OF 20

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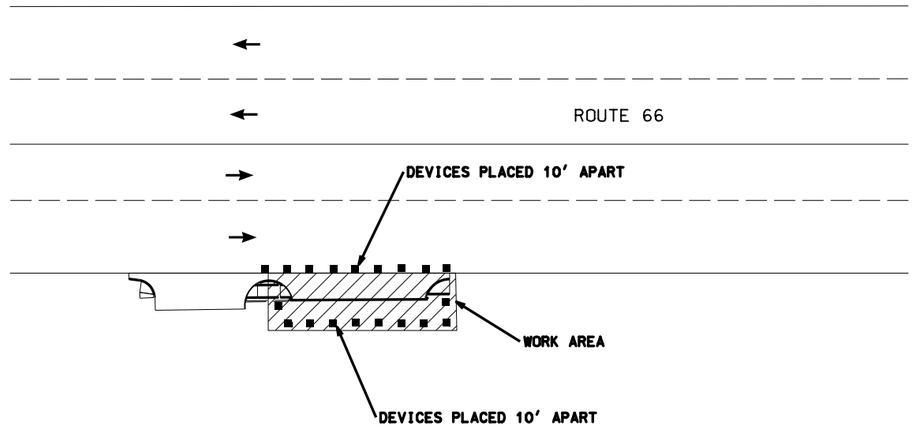
TYPICAL TRAFFIC CONTROL FOR ENTRANCE CONSTRUCTION



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF PROPERTY HAS MULTIPLE ENTRANCES, THE CONTRACTOR MAY CLOSE ONE ENTIRE ENTRANCE.
2. IF PROPERTY HAS ONLY A SINGLE ENTRANCE, THEN THE ENTRANCE SHALL BE CONSTRUCTED IN HALVES, WHERE POSSIBLE. OTHERWISE, THE CONTRACTOR SHALL COORDINATE WITH RESIDENTS IN ADVANCE TO PROVIDE ACCESS TO PROPERTY.
3. THE CONTRACTOR SHALL LIMIT THE WORK ZONE TO MINIMIZE IMPACT ACCESS TO THE BUSINESS.
4. THE CONTRACTOR SHALL NOT PARK EQUIPMENT OR STORE MATERIALS IN THE TEMPORARY EASEMENTS DURING NON-WORKING HOURS.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO THE PROPERTY.
6. SEE ALSO TRAFFIC CONTROL FOR SHOULDER WORK WITH TRAVELWAY ENCROACHMENT AS NEEDED.
7. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	84

COUNTY JASPER

JOB NO. J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

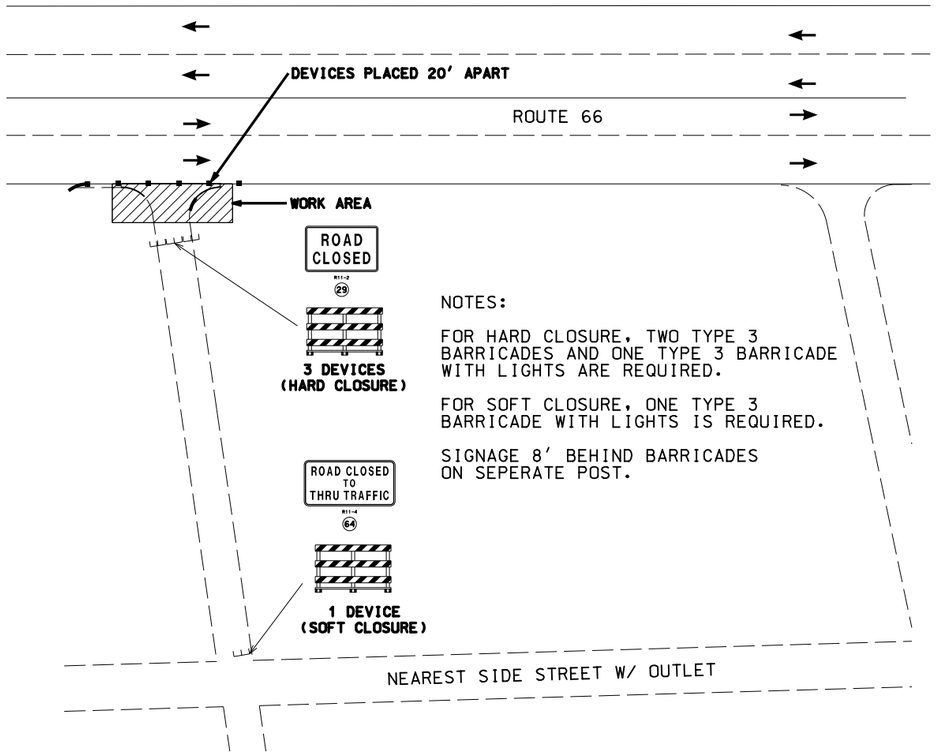
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

CLOSURE OF NON-SIGNALIZED STREET



NOTES:

FOR HARD CLOSURE, TWO TYPE 3 BARRICADES AND ONE TYPE 3 BARRICADE WITH LIGHTS ARE REQUIRED.

FOR SOFT CLOSURE, ONE TYPE 3 BARRICADE WITH LIGHTS IS REQUIRED.

SIGNAGE 8' BEHIND BARRICADES ON SEPERATE POST.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF NEAREST SIDE STREET DOES NOT HAVE AN OUTLET, OR DISTANCE TO NEAREST OUTLET IS NOT FEASIBLE, NON-SIGNALIZIED INTERSECTION SHALL BE CONSTRUCTED IN HALVES, KEEPING HALF OF ENTRANCE OPEN AT ALL TIMES.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	85

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

TRAFFIC CONTROL
SHEET 12 OF 20

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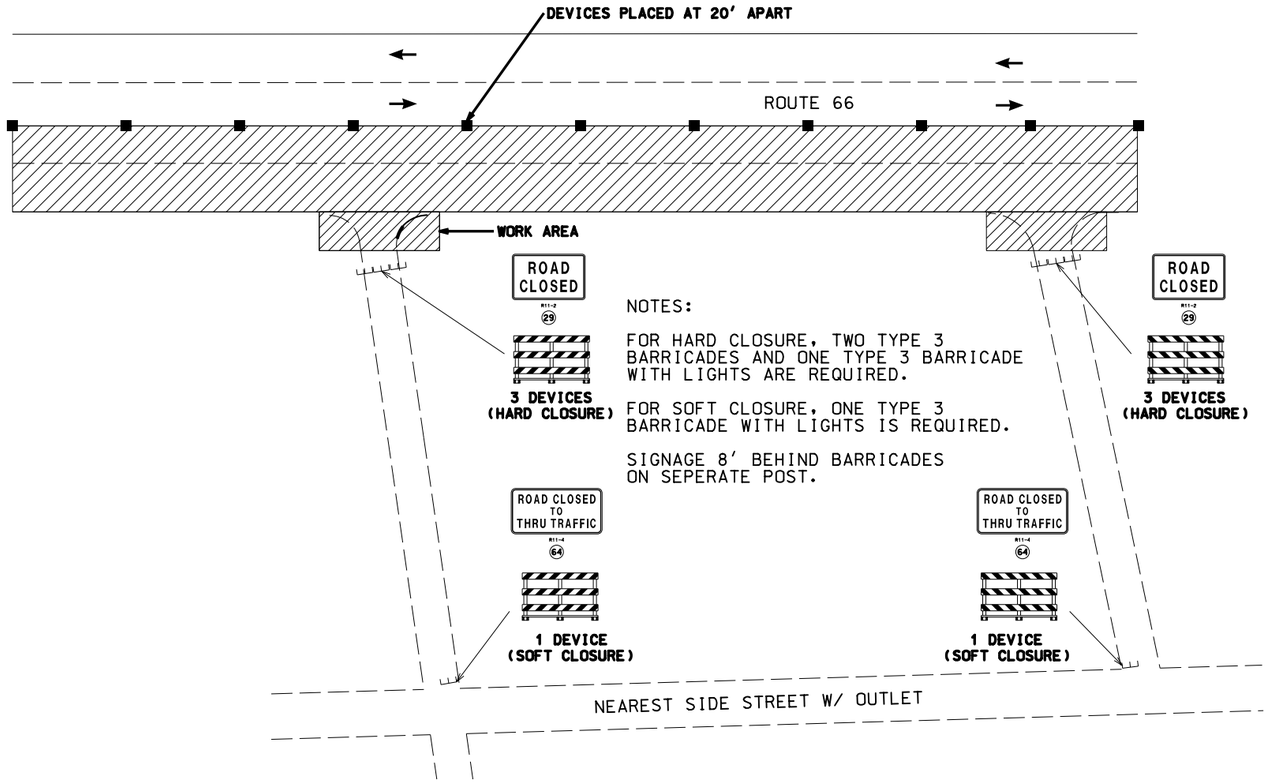
CLOSURE OF NON-SIGNALIZED SIDE STREETS WITH LANE CLOSURES



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF NEAREST SIDE STREET DOES NOT HAVE AN OUTLET, OR DISTANCE TO NEAREST OUTLET IS NOT FEASIBLE, NON-SIGNALIZIED INTERSECTION SHALL BE CONSTRUCTED IN HALVES, KEEPING HALF OF ENTRANCE OPEN AT ALL TIMES.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	86

COUNTY: JASPER

JOB NO.: J7S2185B&F

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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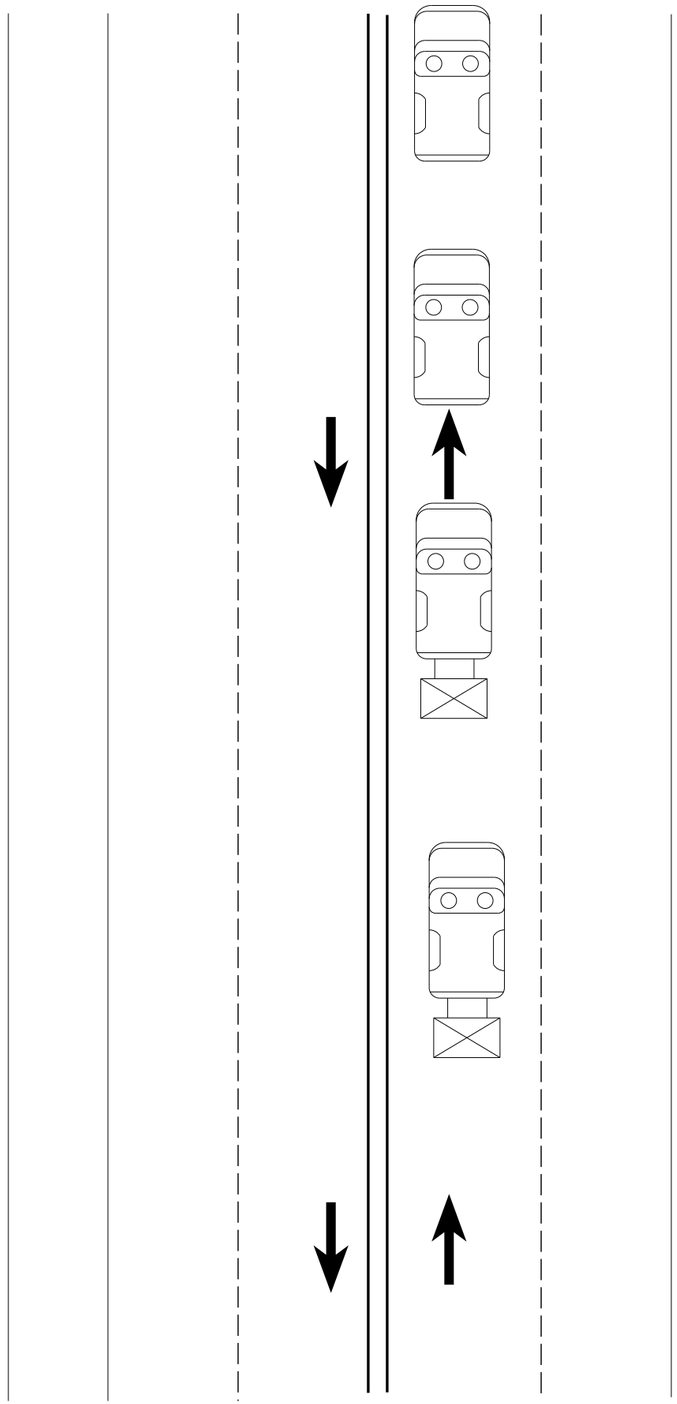
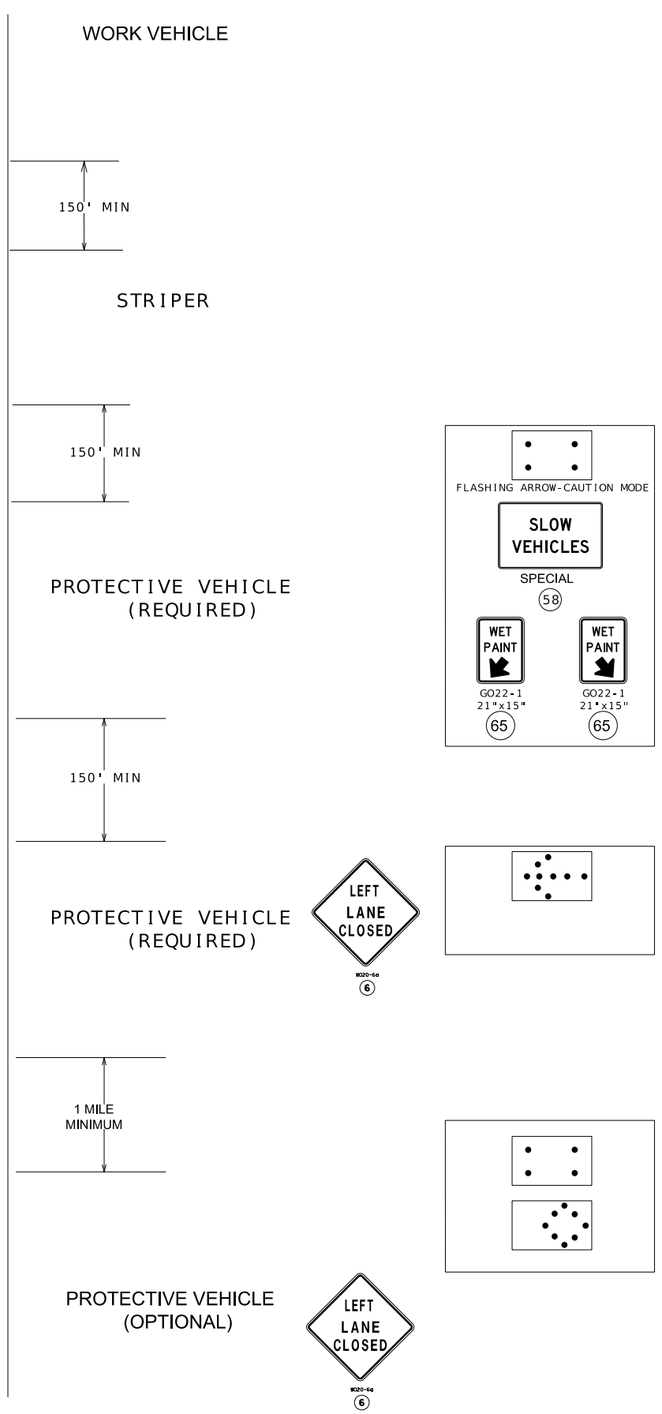
STRIPING OPERATION ON UNDIVIDED MULTI-LANES





NOTES:

ALL SIGNS SHALL HAVE TYPE 3 FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY, ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

FLASHING ARROW PANELS SHALL, AT A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

THE STRIPING OPERATION SHALL BE COMPLETED UNDER A LANE CLOSURE.

THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

TRAFFIC CONTROL LEGEND

FLASHING ARROW PANEL

TRUCK MOUNTED ATTENUATOR

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	87

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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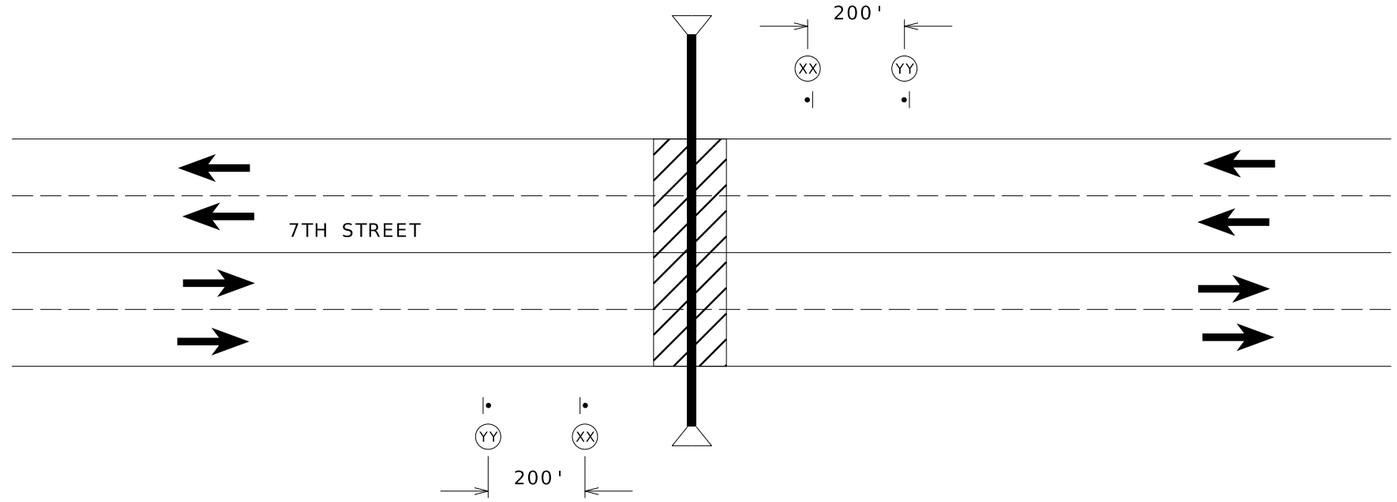
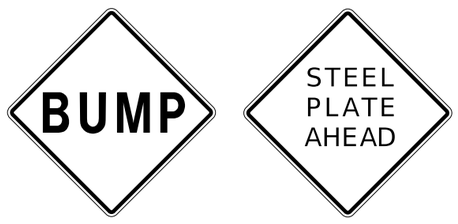
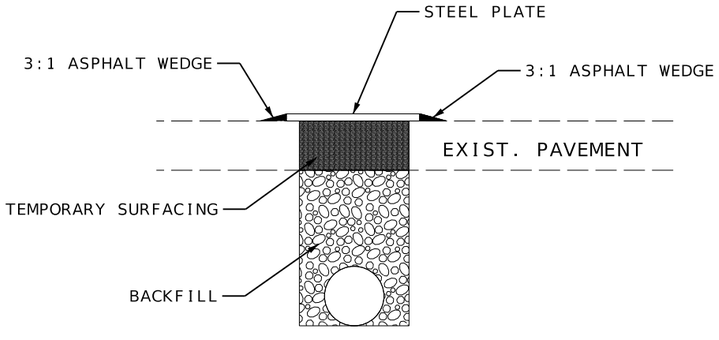
TRAFFIC CONTROL PLAN FOR CROSS ROAD CULVERT INSTALLATION (OPEN TO NORMAL TRAFFIC)







TYPICAL CULVERT INSTALLATION

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

NOT TO SCALE

GENERAL NOTES:

1. PERIMETER OF STEEL PLATE SHALL HAVE A GRADUAL TRANSITION OF 1V:3H. THE GRADUAL TRANSITION MAY BE ACCOMPLISHED BY ASPHALT WEDGING OR A MECHANICAL FASTENER APPROVED BY THE ENGINEER. THE PLATE SHALL HAVE DELINEATION AND BE TREATED FOR SKID RESISTANCE.

2. STEEL PLATE SHALL REMAIN IN PLACE UNTIL PCCP PAVEMENT HAS REACHED 3000 PSI.

3. CROSS ROAD CULVERTS IN THE AREA OF PAVEMENT REPLACEMENT SHALL BE INSTALLED PRIOR TO NEW PAVEMENT. THESE CULVERTS WILL BE BACKFILLED AND PLATED UNTIL THE NEW PAVEMENT REPLACEMENT.

4. THERE WILL BE NO DIRECT PAYMENT FOR THE STEEL PLATE.

5. TEMPORARY SURFACING AS APPROVED BY ENGINEER.

TRAFFIC CONTROL
SHEET 15 OF 20

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	88

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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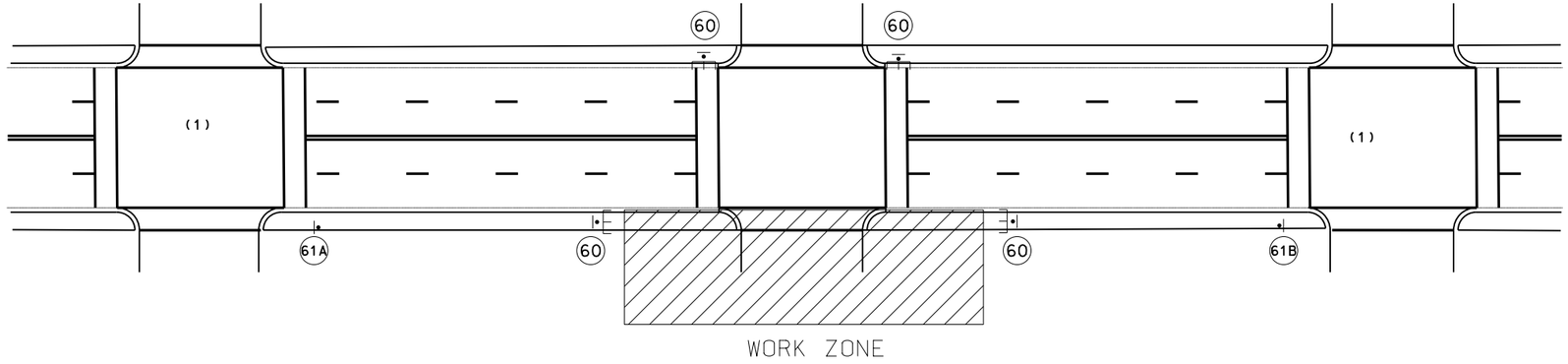
CROSSWALK CLOSURE AND PEDESTRIAN DETOUR





R9-9

60



R9-11L

61A



R9-11R

61B

NOTES:

(1) DETOUR AT THE NEAREST SIGNALIZED CROSSWALK WHERE POSSIBLE

(2) CONTRACTOR SHALL MAINTAIN AN ADA-ACCESSIBLE DETOUR ROUTE FOR PEDESTRIAN AROUND ALL SIDEWALK AND CROSSWALK CLOSURES. THE CONTRACTOR SHALL BE RESTRICTED TO WORK ON ONE SIDE OF THE ROADWAY BETWEEN BLOCKS.

(3) ALL BUSINESSES SHALL REMAIN ACCESSIBLE AT ALL TIMES.

(4) ALL SIGNS MAY BE RELOCATED TO MEED FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	89

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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SPRINGFIELD, MO 65806
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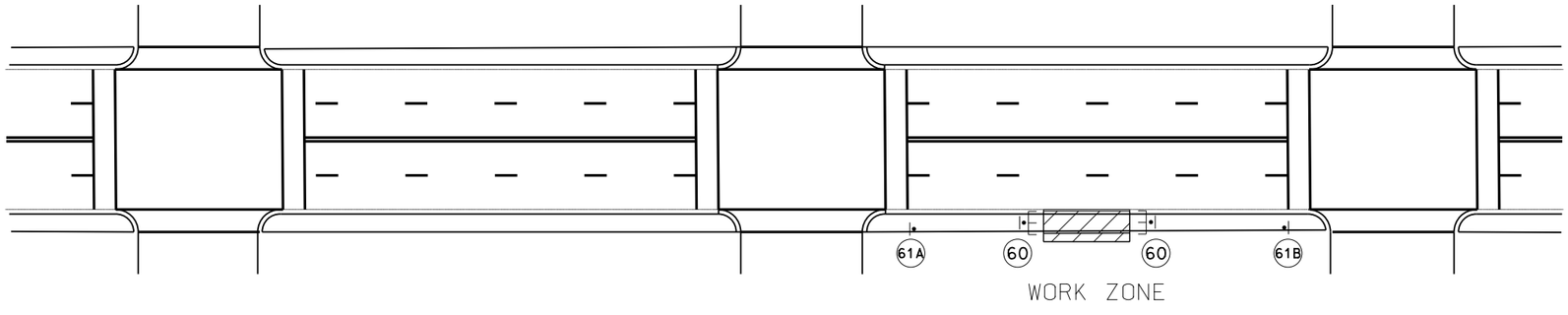
SIDEWALK DETOUR AND PEDESTRIAN DETOUR



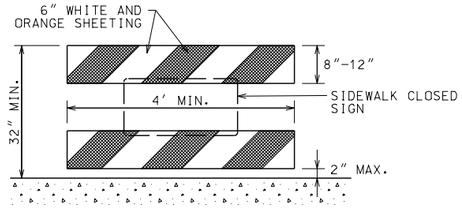






GENERAL NOTES:

1. SIGN SHALL BE PLACED AT NEAREST CROSSWALK STATING SIDEWALK CLOSED.
2. ALL BUSINESSES SHALL REMAIN ACCESSIBLE BY ANOTHER ENTRANCE.
3. ALL SIGNS MAY BE RELOCATED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.



INSTALL DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES AND SIDEWALK CLOSED SIGNS AS DIRECTED BY THE ENGINEER.

WHERE CHANNELIZING DEVICES ARE USED TO CHANNELIZE PEDESTRIANS, THERE SHALL BE CONTINUOUS DETECTABLE BOTTOM AND TOP SURFACES TO BE DETECTABLE TO USERS OF LONG CANES.

DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	90

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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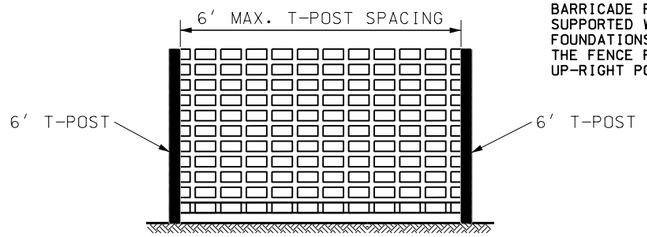
NOTES:

1. NO DIRECT PAYMENT WILL BE MADE FOR ORANGE SAFETY FENCE AS REQUIRED AROUND EXCAVATION OF SIDEWALK & CURB RAMP AREAS.
2. SEE JSP's FOR PEDESTRIAN TRAFFIC DEVICES.
3. WORKING AREAS SHALL BE GUARDED FROM PEDESTRIAN ACCESS BY BARRICADE FENCING 36" TO 48" IN HEIGHT WITH A GAP NO GREATER THAN 6" FROM THE GROUND AND HOLES NO GREATER THAN 4" IN ANY DIRECTION.
4. PEDESTRIAN ACCESS ON SIDEWALK SHALL BE PROVIDED WITH A WIDTH NOT LESS THAN 4' OF SMOOTH STABLE SURFACING ADJACENT TO BARRICADE FENCING FOR ACCESS TO THE MAIN BUILDING.
5. SIDEWALK RAMP CLOSURES FOR RECONSTRUCTION SHALL BE PERFORMED WITH ADA COMPLIANT MOVEABLE BARRICADES. TWO BARRICADES PER PEDESTRIAN APPROACH. ONE SIDEWALK CLOSED SIGN WILL BE PLACED UPON ONE BARRICADE FOR EACH APPROACH, NO MORE THAN ONE 5' SECTION OF SIDEWALK RAMP SHALL BE CLOSED LEADING TO THE MAIN BUILDING AT ANY TIME ADJACENT TO THE WORK AREA.

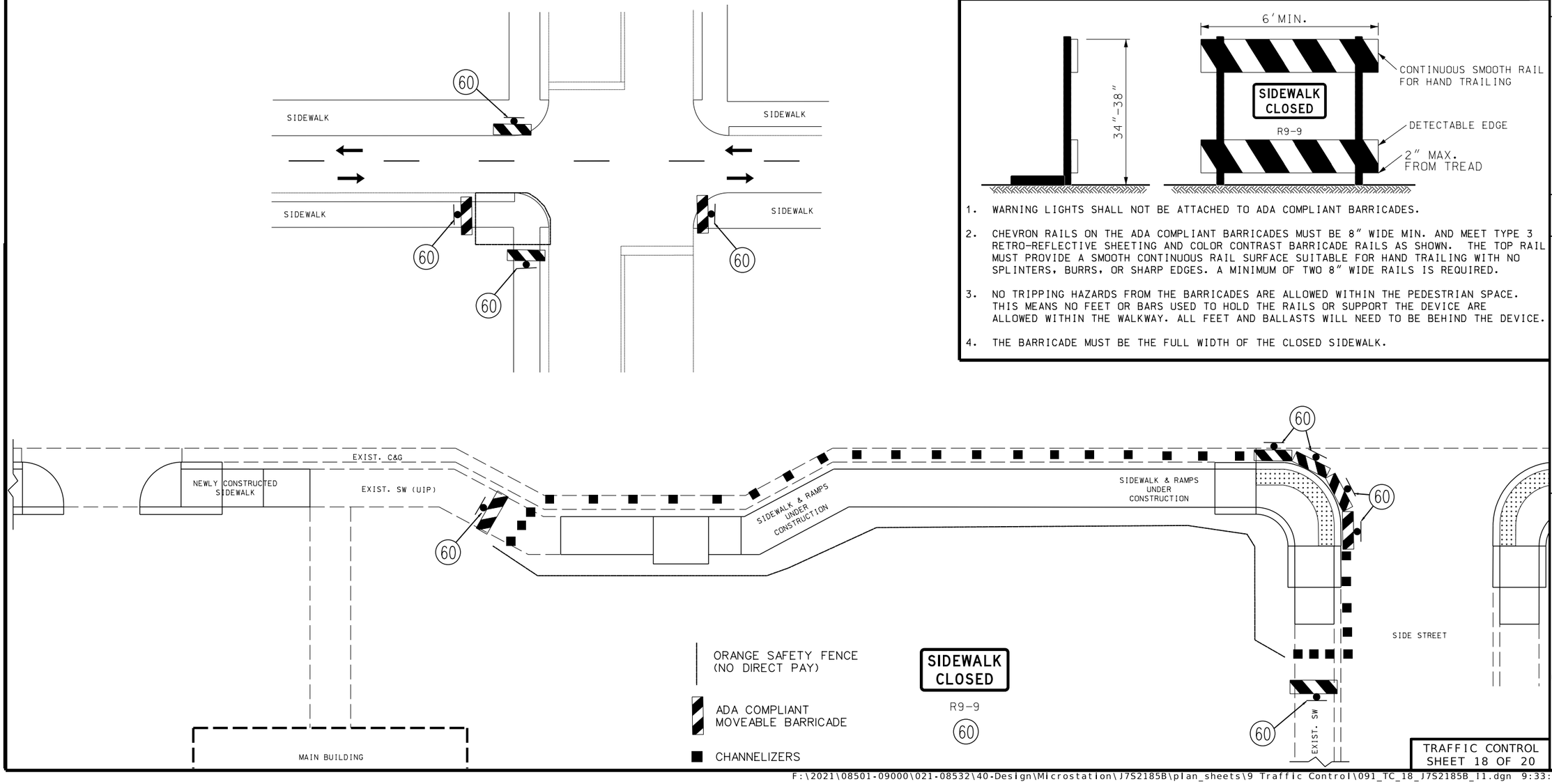
ORANGE PLASTIC SAFETY FENCE



NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST, ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

DUAL-LANE TYPICAL SIDEWALK CLOSURE

NOT TO SCALE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

1. WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
2. CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS IS REQUIRED.
3. NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
4. THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	91

COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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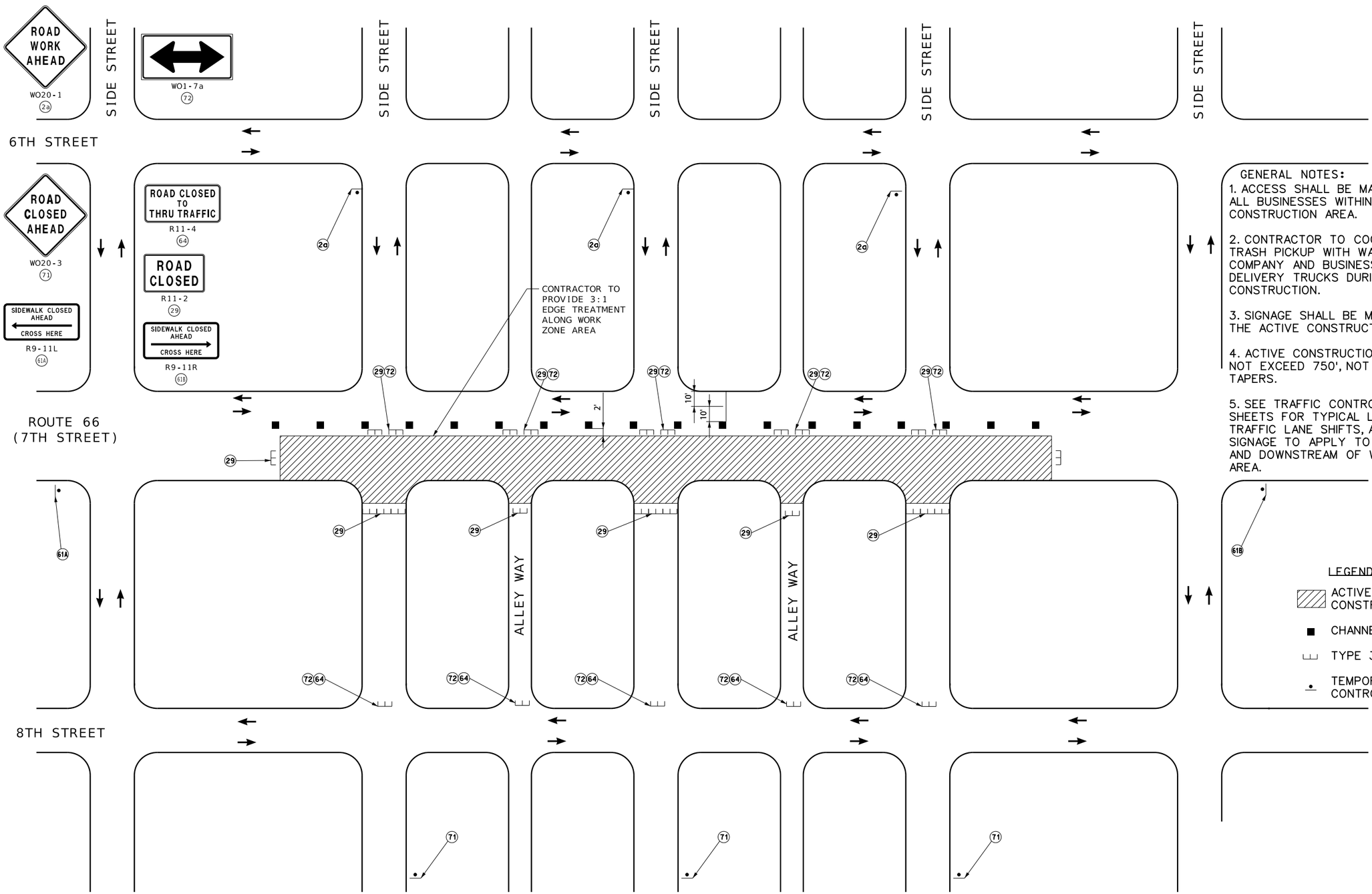
EASTBOUND LANE CLOSURES DETOUR ROUTING (TWO-WAY TRAFFIC)



GENERAL NOTES:

1. ACCESS SHALL BE MAINTAINED TO ALL BUSINESSES WITHIN THE CONSTRUCTION AREA.
2. CONTRACTOR TO COORDINATE TRASH PICKUP WITH WASTE DISPOSAL COMPANY AND BUSINESSES FOR DELIVERY TRUCKS DURING CONSTRUCTION.
3. SIGNAGE SHALL BE MOVED ALONG THE ACTIVE CONSTRUCTION AREA.
4. ACTIVE CONSTRUCTION AREA SHALL NOT EXCEED 750', NOT INCLUDING TAPERS.
5. SEE TRAFFIC CONTROL DETAIL SHEETS FOR TYPICAL LANE CLOSURES, TRAFFIC LANE SHIFTS, AND PEDESTRIAN SIGNAGE TO APPLY TO UPSTREAM AND DOWNSTREAM OF WORK ZONE AREA.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 19 OF 20

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 92
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
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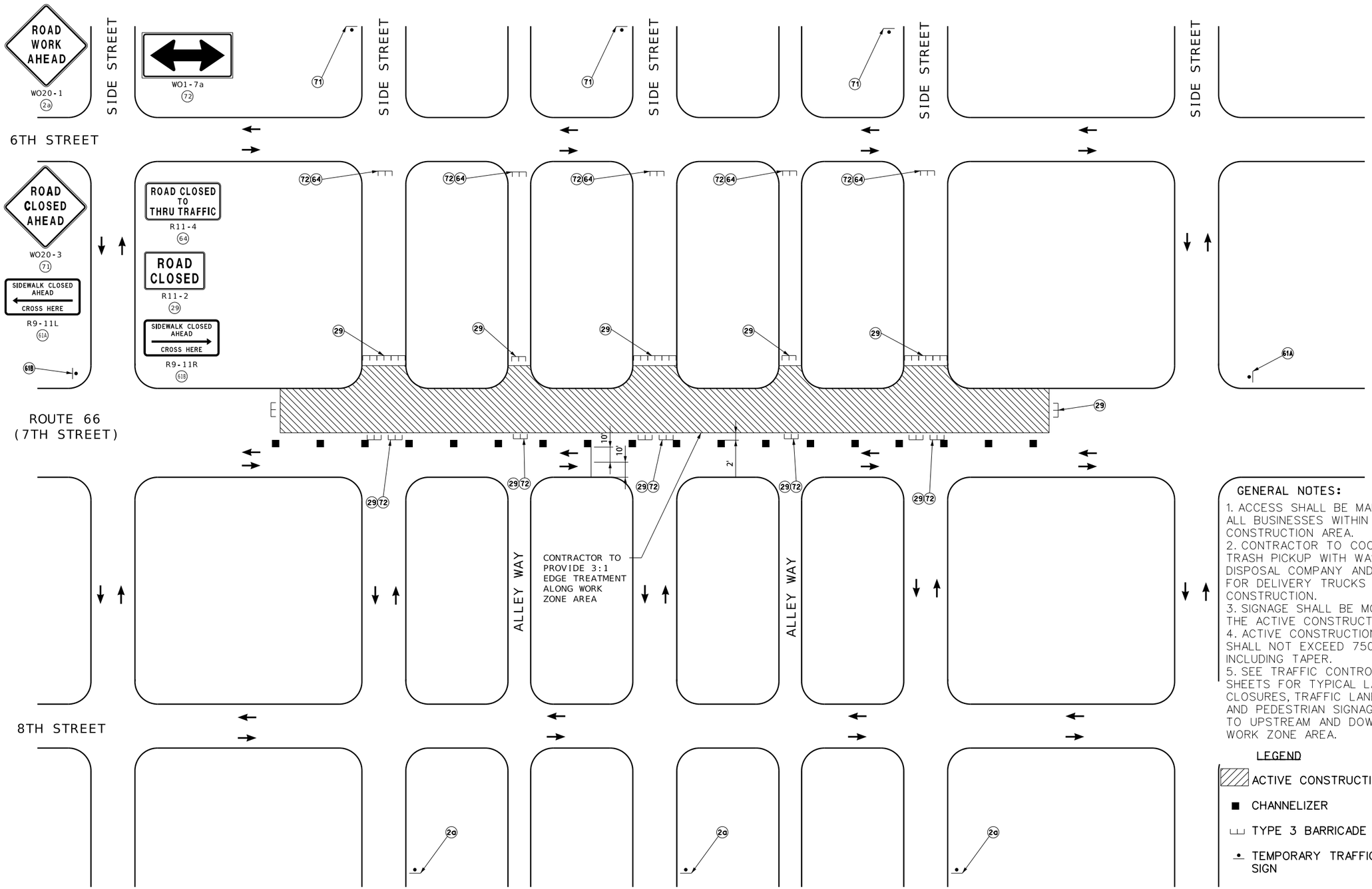
WESTBOUND LANE CLOSURES DETOUR ROUTING (TWO-WAY TRAFFIC)



GENERAL NOTES:

1. ACCESS SHALL BE MAINTAINED TO ALL BUSINESSES WITHIN THE CONSTRUCTION AREA.
2. CONTRACTOR TO COORDINATE TRASH PICKUP WITH WASTE DISPOSAL COMPANY AND BUSINESSES FOR DELIVERY TRUCKS DURING CONSTRUCTION.
3. SIGNAGE SHALL BE MOVED ALONG THE ACTIVE CONSTRUCTION AREA.
4. ACTIVE CONSTRUCTION AREA SHALL NOT EXCEED 750', NOT INCLUDING TAPER.
5. SEE TRAFFIC CONTROL DETAIL SHEETS FOR TYPICAL LANE CLOSURES, TRAFFIC LANE SHIFTS, AND PEDESTRIAN SIGNAGE TO APPLY TO UPSTREAM AND DOWNSTREAM OF WORK ZONE AREA.

LEGEND

- ACTIVE CONSTRUCTION AREA
- CHANNELIZER
- TYPE 3 BARRICADE
- TEMPORARY TRAFFIC CONTROL SIGN

NOT TO SCALE

TRAFFIC CONTROL
SHEET 20 OF 20

JEREMY SCOTT STRETZ
NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	93

COUNTY
JASPER

JOB NO.
J7S2185B&F

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PI 210+74.81
PC 209+19.96
PT 212+29.53
Δ 3°53'42.5" (LT)
D 1°15'29.6"
L 309.58' (ARC)
T 154.85'
R 4,553.75'

MATCHLINE STA. 211+00.00

PT STA 212+29.53

TEMP. CONST. ESMT.

EXIST. ELECTRIC CLEARING ESMT.

EXIST. 20' UTILITY ESMT.

EXIST. R/W

EXIST. ESMT.

EXIST. R/W

℄ WINFIELD DRIVE

S02°06'14"W

EXIST. R/W

215

PERM. SIDEWALK & UTILITY ESMT.

EXIST. POLE LINE PERMIT

TEMP. CONST. ESMT.

EXIST. R/W

MATCHLINE STA. 216+40.00

N86°43'10"E

EXIST. R/W

EXIST. R/W

TEMP. CONST. ESMT.

EXIST. RR R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

S01°53'47"W

℄ JEFFERSON AVE.

EXIST. R/W

TEMPORARY EROSION CONTROL LEGEND

(5) SEDIMENT TRAP

SCALE

0 20 40 60

EROSION CONTROL
INITIAL PHASE
SHEET 1 OF 23

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	94

COUNTY
JASPER

JOB NO.
J7S2185B&F

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CERTIFICATE OF
AUTHORITY NO. 001592

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TEMPORARY EROSION CONTROL LEGEND

(S) SEDIMENT TRAP

MATCHLINE STA. 216+40.00

MATCHLINE STA. 221+80.00

PERM. SIDEWALK & UTILITY ESMT.

EXIST. INGRESS/ EGRESS ESMT.

TEMP. CONST. EMST.

EXIST. R/W

PC STA 218+19.72

EXIST. R/W

℄ MONROE AVE. S01°55'45"W

EXIST. R/W

220

PERM. SIDEWALK & UTILITY ESMT.

TEMP. CONST. ESMT.

EXIST. R/W

EXIST. R/W

EXIST. POLE LINE PERMIT

TEMP. CONST. ESMT.

EXIST. R/W

N86°43'10"E

0

EXIST. R/W

TEMP. CONST. ESMT.

(S)

PERM. SIDEWALK & UTILITY ESMT.

EXIST. R/W

EXIST. RR R/W

EXIST. POLE LINE PERMIT

EXIST. R/W

EXIST. R/W

EXIST. R/W

℄ MONROE AVE. S01°53'47"W

EXIST. R/W

EXIST. R/W

EXIST. R/W

PI 224+87.22
PC 218+19.72
PT 231+53.75
Δ 5°20'9.9" (RT)
D 0°24'0.0"
L 1,334.03' (ARC)
T 667.50'
R 14,323.97'

SCALE

0 20 40 60

EROSION CONTROL
INITIAL PHASE
SHEET 2 OF 23

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	95

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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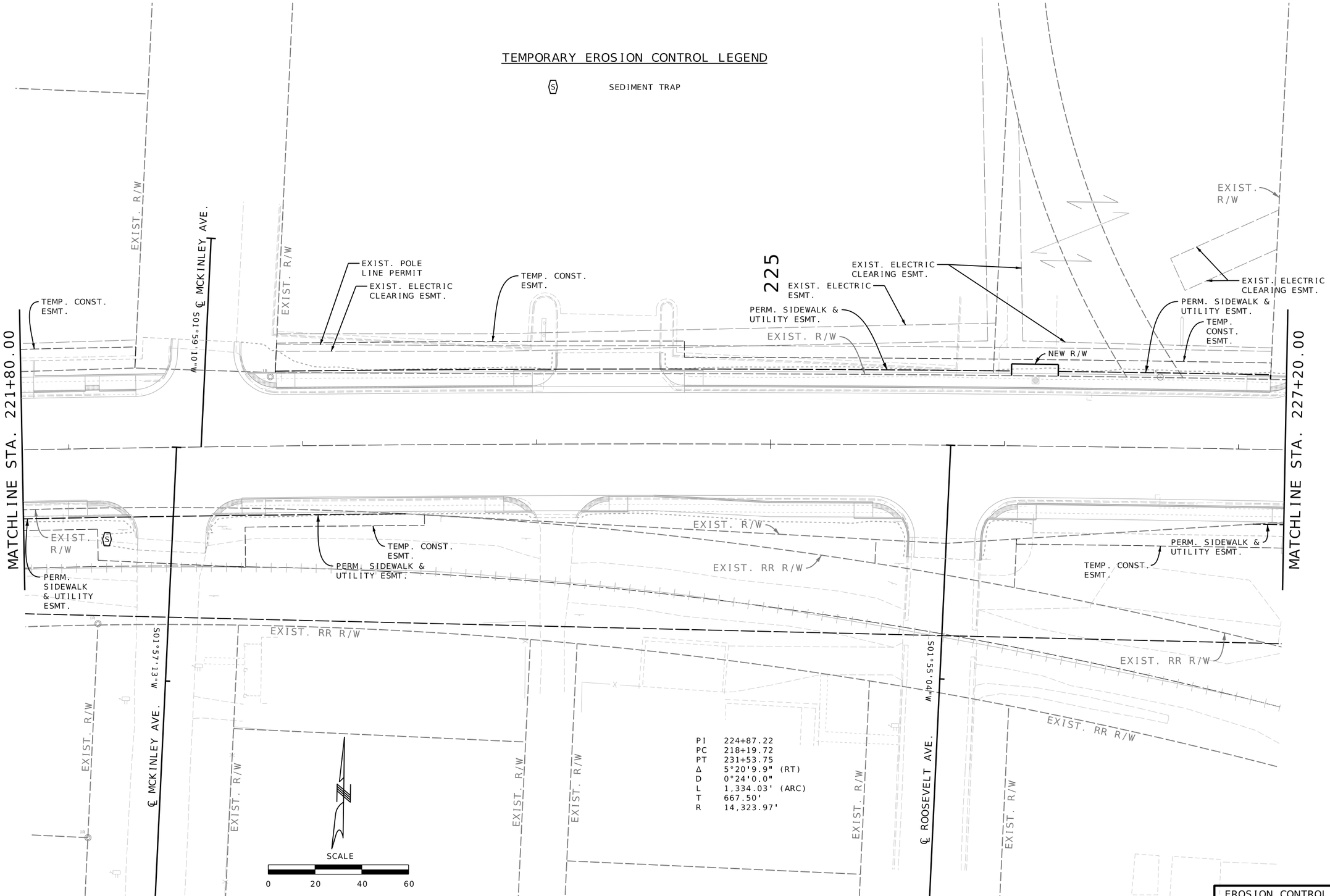
TEMPORARY EROSION CONTROL LEGEND

(S) SEDIMENT TRAP



EROSION CONTROL
INITIAL PHASE
SHEET 3 OF 23

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	96

COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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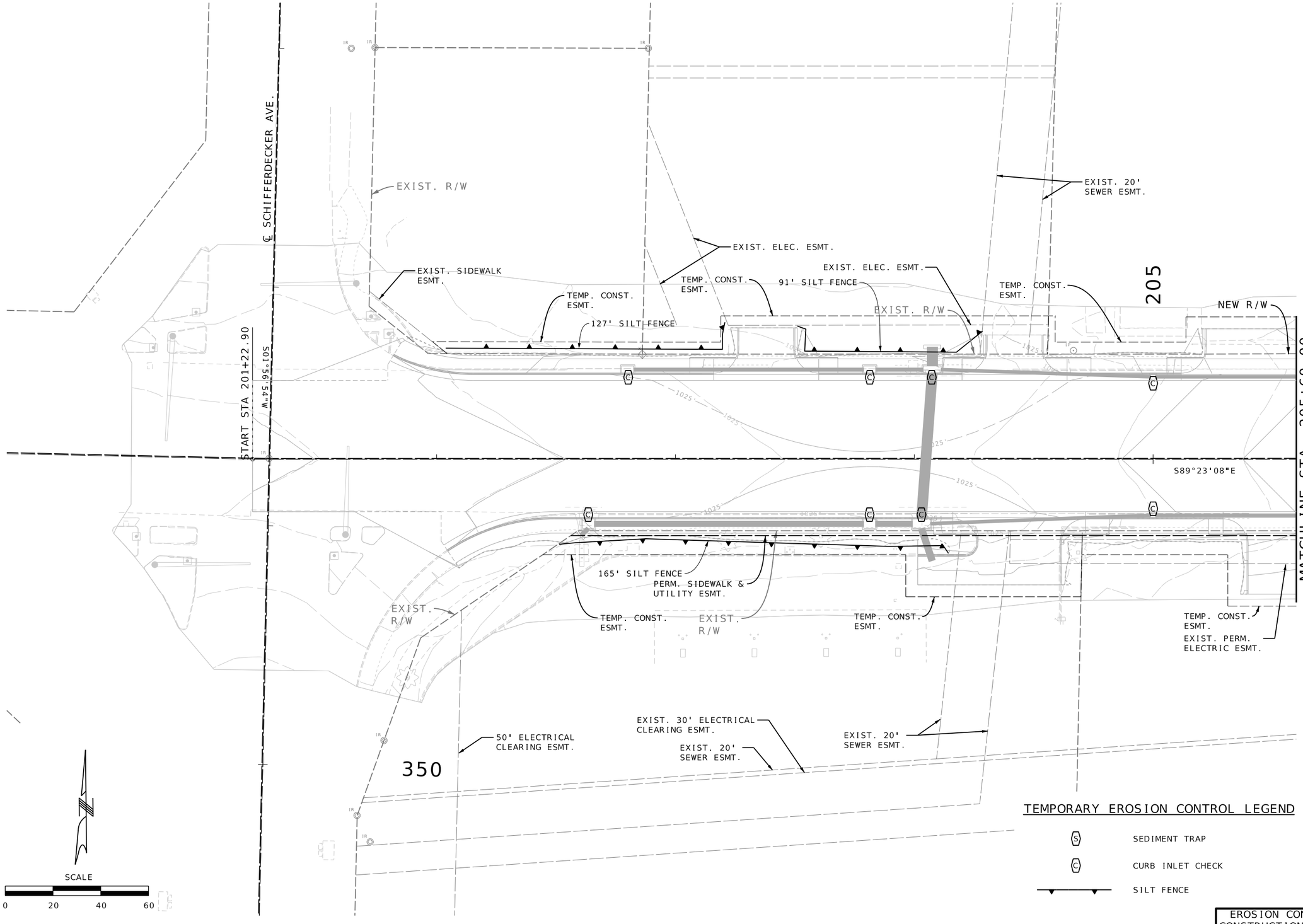

TEMPORARY EROSION CONTROL LEGEND

- (S) SEDIMENT TRAP
- (C) CURB INLET CHECK
- SILT FENCE

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 4 OF 23

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED	8/8/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	97
COUNTY	JASPER
JOB NO.	J7S2185B&F
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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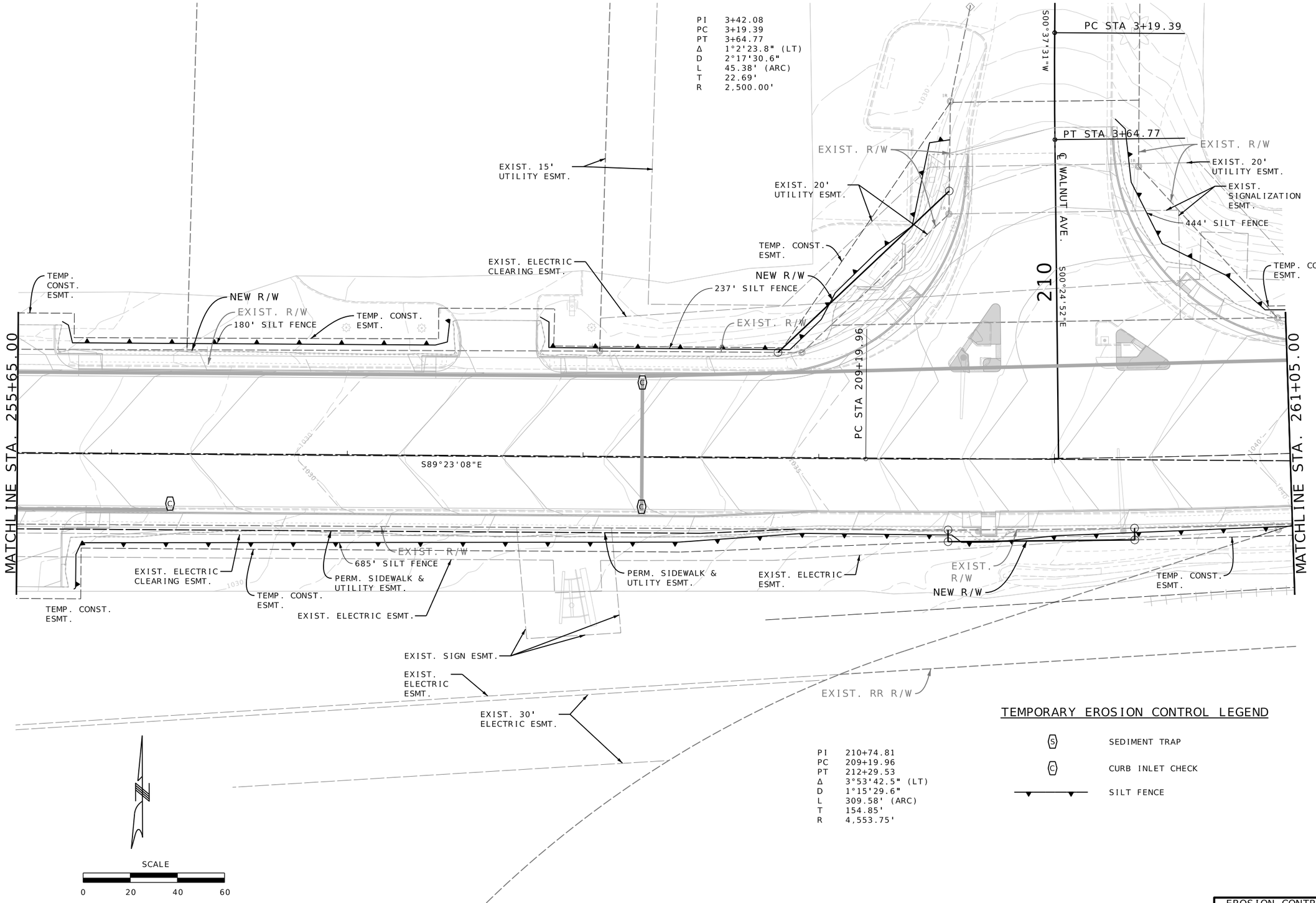


TEMPORARY EROSION CONTROL LEGEND

- (S) SEDIMENT TRAP
- (C) CURB INLET CHECK
- SILT FENCE

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 5 OF 23

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	98

COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

PI 210+74.81
PC 209+19.96
PT 212+29.53
Δ 3°53'42.5" (LT)
D 1°15'29.6"
L 309.58' (ARC)
T 154.85'
R 4,553.75'

MATCHLINE STA. 211+00.00

MATCHLINE STA. 216+40.00

TEMP. CONST. ESMT.

EXIST. ELECTRIC CLEARING ESMT.

EXIST. 20' UTILITY ESMT.

EXIST. ESMT.

EXIST. R/W

℄ WINFIELD DRIVE

S02°06'14"W

444' SILT FENCE

PT STA 212+29.53

215

PERM. SIDEWALK & UTILITY ESMT.

EXIST. POLE LINE PERMIT

107' SILT FENCE

99' SILT FENCE

N86°43'10"E

685' SILT FENCE

129' SILT FENCE

134' SILT FENCE

EXIST. RR R/W

S01°53'47"W

℄ JEFFERSON AVE.

TEMPORARY EROSION CONTROL LEGEND

SEDIMENT TRAP

CURB INLET CHECK

SILT FENCE

EROSION CONTROL CONSTRUCTION PHASE
SHEET 6 OF 23

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	99

COUNTY JASPER

JOB NO. J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

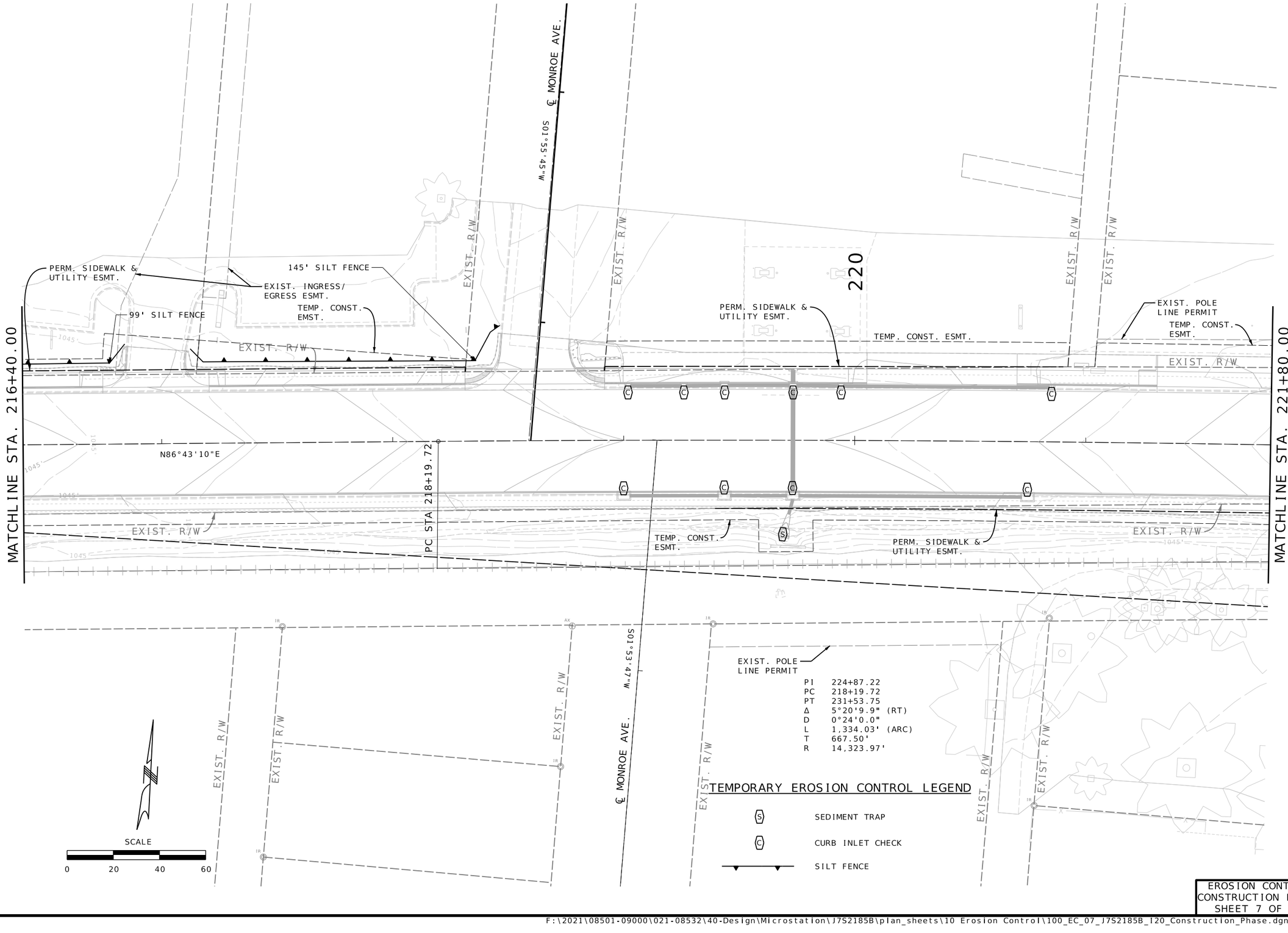
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



EROSION CONTROL CONSTRUCTION PHASE
SHEET 7 OF 23

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	100

COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

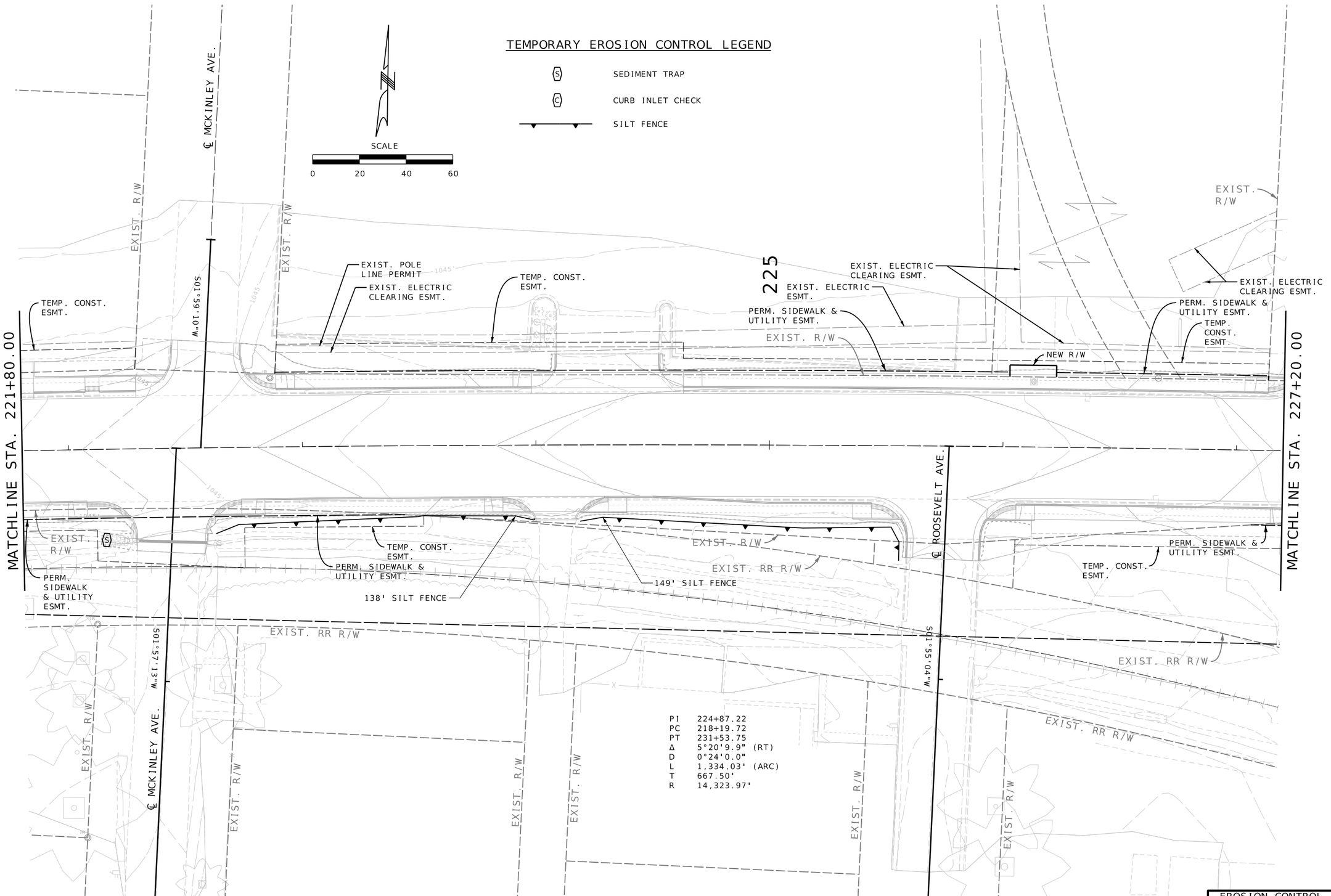
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

- (S) SEDIMENT TRAP
- (C) CURB INLET CHECK
- SILT FENCE

SCALE
0 20 40 60



EROSION CONTROL
CONSTRUCTION PHASE
SHEET 8 OF 23

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 101
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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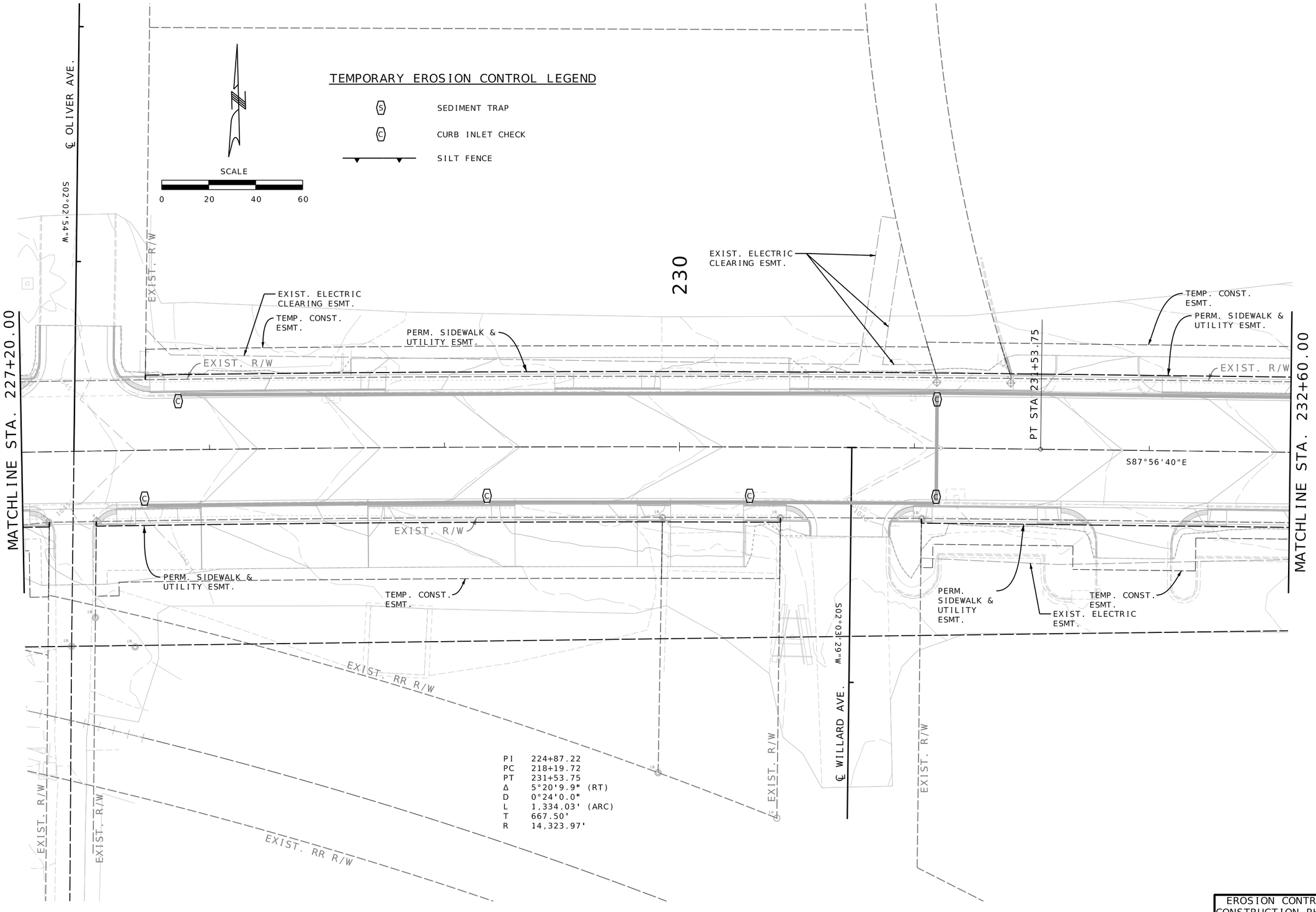


EROSION CONTROL
CONSTRUCTION PHASE
SHEET 9 OF 23

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	102

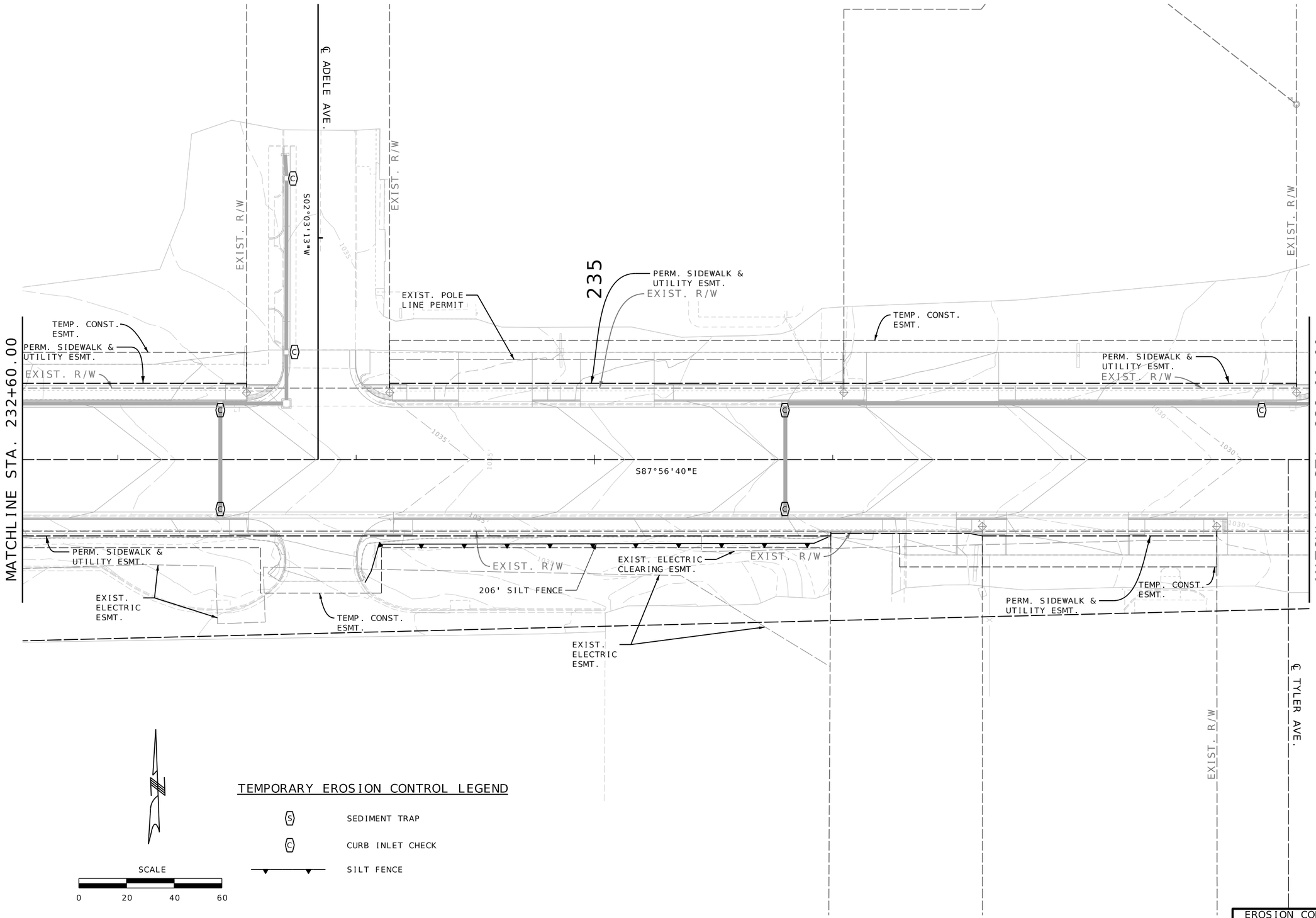
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

- (S) SEDIMENT TRAP
- (C) CURB INLET CHECK
- SILT FENCE

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 10 OF 23

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	103

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

MATCHLINE STA. 238+00.00

℄ TYLER AVE.

EXIST. R/W

S01°56'43"W

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

240

PERM. DRAINAGE ESMT.

EXIST. R/W

TEMP. CONST. ESMT.

PERM. DRAINAGE ESMT.

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

EXIST. R/W

1025

S87°56'40"E

MATCHLINE STA. 243+40.00

EXIST. R/W

EXIST. ELECTRIC CLEARING ESMT.

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

EXIST. R/W

TEMP. CONST. ESMT.

EXIST. ELECTRIC CLEARING ESMT.

TEMP. CONST. ESMT.

S02°03'20"W

℄ CUNNINGHAM AVE.

EXIST. R/W

EXIST. R/W

EXIST. R/W

SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

(S) SEDIMENT TRAP

(C) CURB INLET CHECK

SILT FENCE

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 11 OF 23

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	104

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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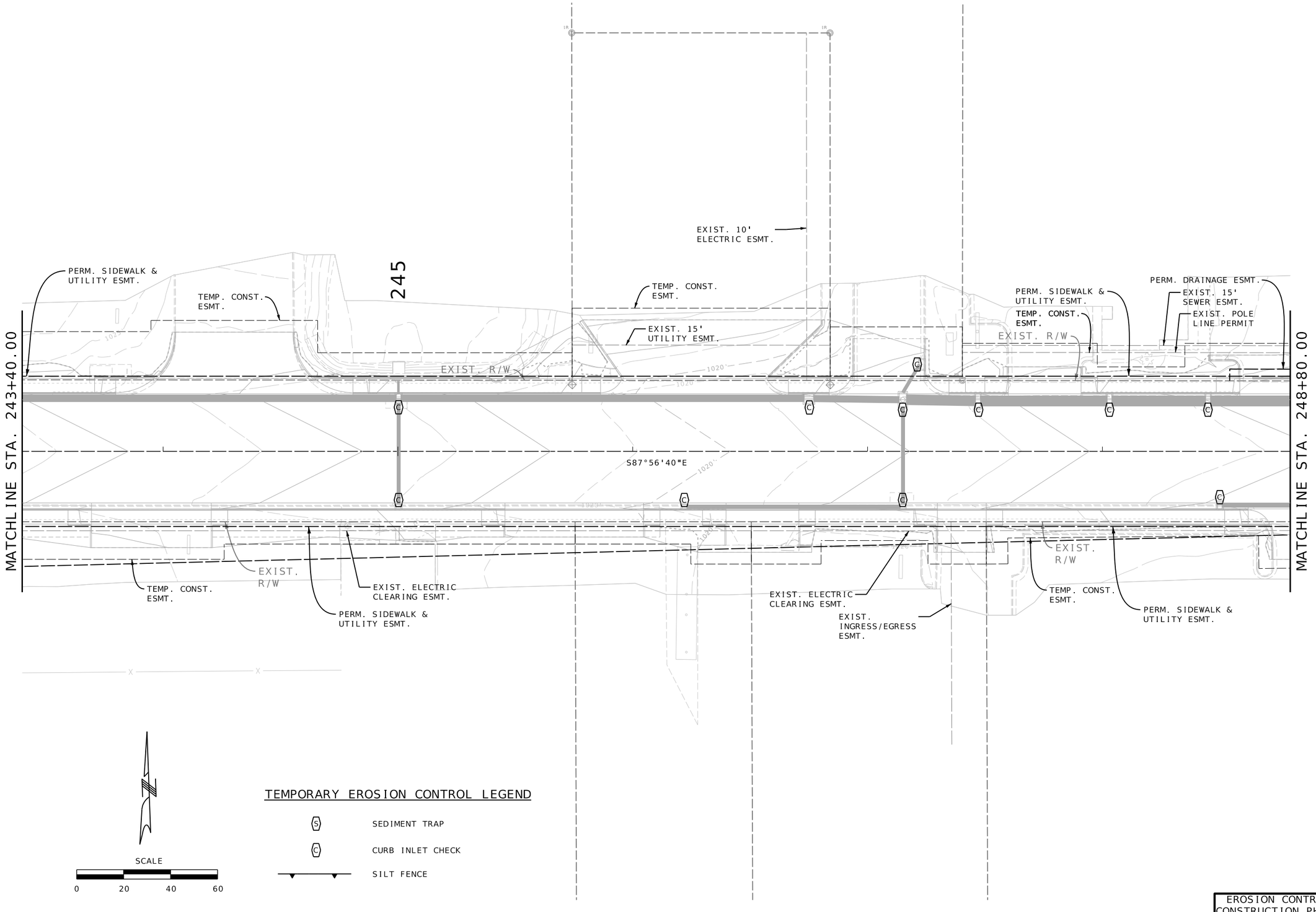


SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

- (S) SEDIMENT TRAP
- (C) CURB INLET CHECK
- SILT FENCE

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 12 OF 23

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	105

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

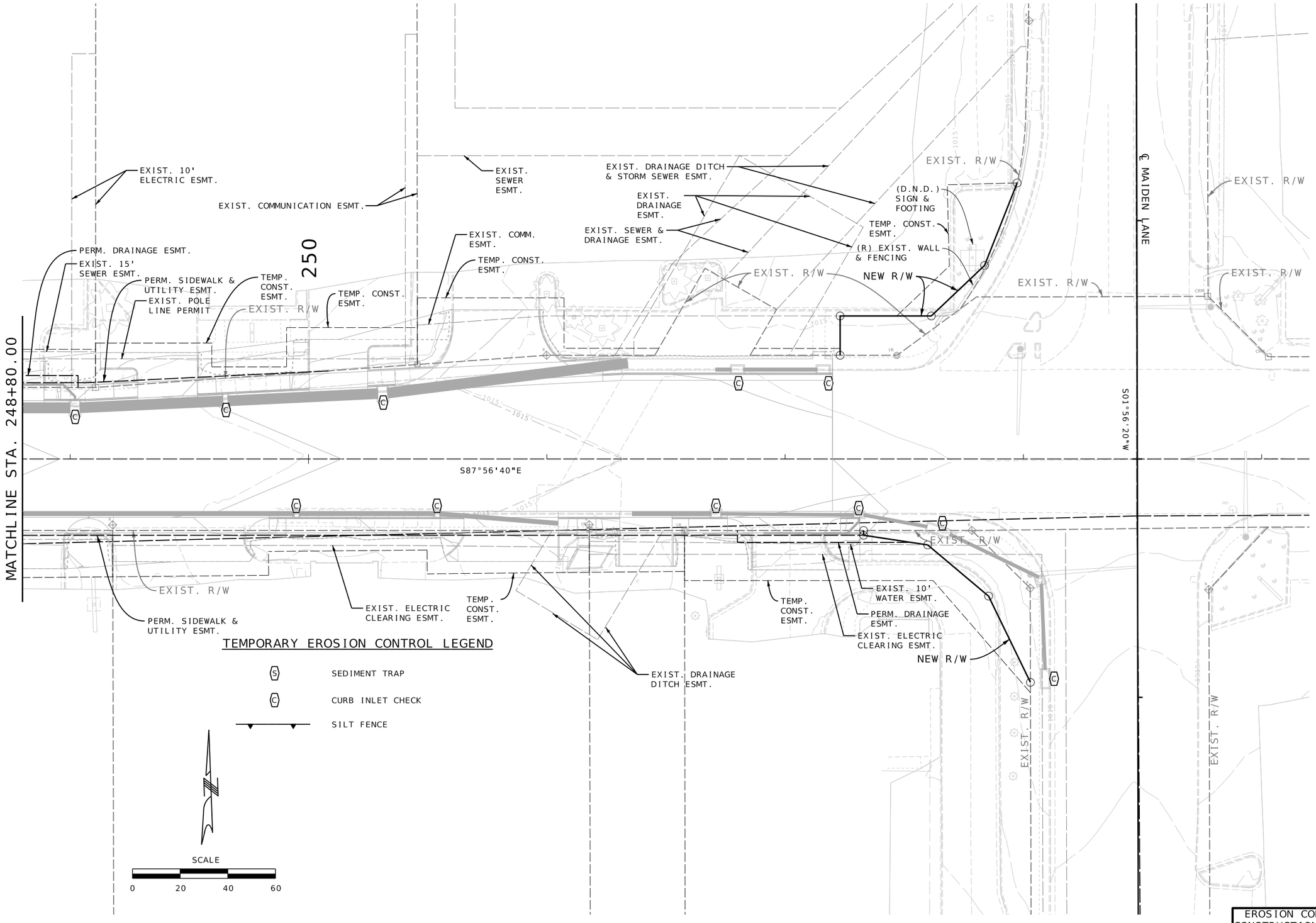
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	106

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

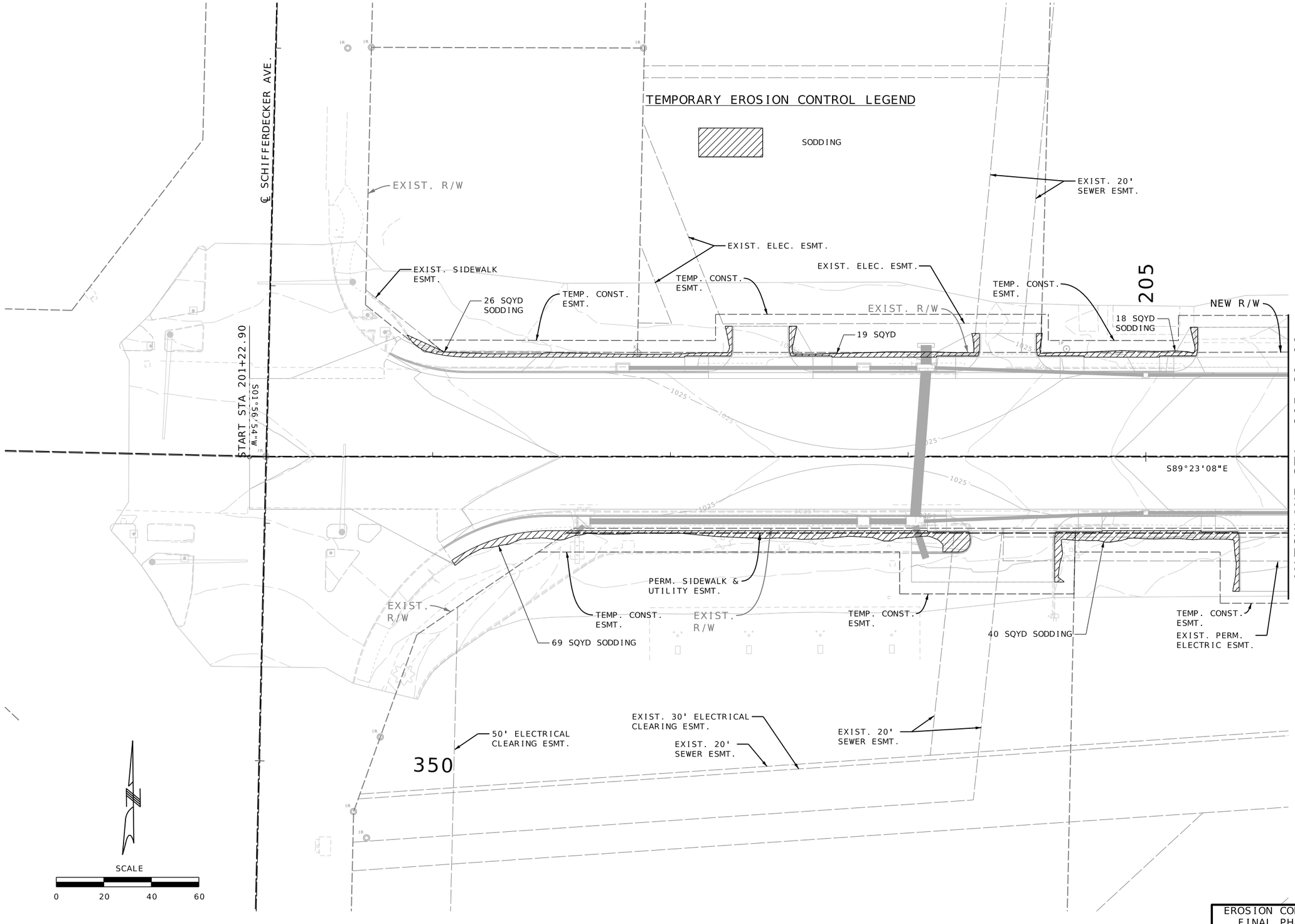
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 13 OF 23



REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	107

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

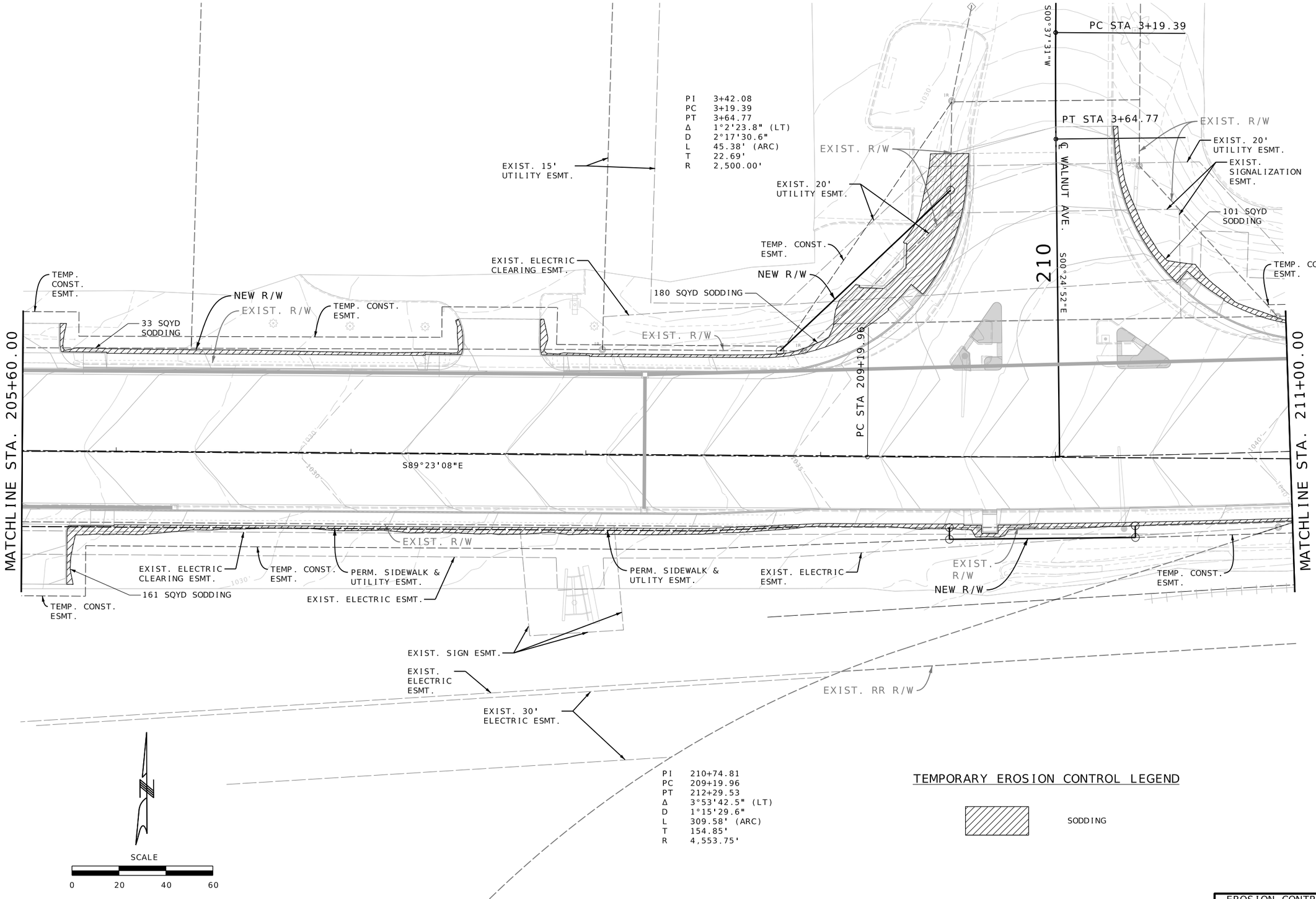
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL
FINAL PHASE
SHEET 14 OF 23



REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	108

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

EROSION CONTROL
FINAL PHASE
SHEET 15 OF 23

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PI 210+74.81
PC 209+19.96
PT 212+29.53
Δ 3°53'42.5" (LT)
D 1°15'29.6"
L 309.58' (ARC)
T 154.85'
R 4,553.75'

MATCHLINE STA. 211+00.00

MATCHLINE STA. 216+40.00

℄ WINFIELD AVE.

S02°06'14"W

EXIST. ESMT.

EXIST. R/W

EXIST. R/W

215

TEMP. CONST. ESMT.

EXIST. ELECTRIC CLEARING ESMT.

101 SQYD SODDING

EXIST. 20' UTILITY ESMT.

PERM. SIDEWALK & UTILITY ESMT.

EXIST. POLE LINE PERMIT

21 SQYD SODDING

22 SQYD SODDING

TEMP. CONST. ESMT.

EXIST. R/W

PT STA 212+29.53

N86°43'10"E

EXIST. R/W

161 SQYD SODDING

4'W X 10'L X 1'D = 2 CY ROCK LINING

TEMP. CONST. ESMT.

30 SQYD SODDING

EXIST. R/W

24 SQYD SODDING

119 SQYD SODDING

EXIST. RR R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

℄ JEFFERSON AVE. N01°53'47"W

EXIST. R/W

TEMPORARY EROSION CONTROL LEGEND

SODDING

SCALE

0 20 40 60

EROSION CONTROL
FINAL PHASE
SHEET 16 OF 23

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	109

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

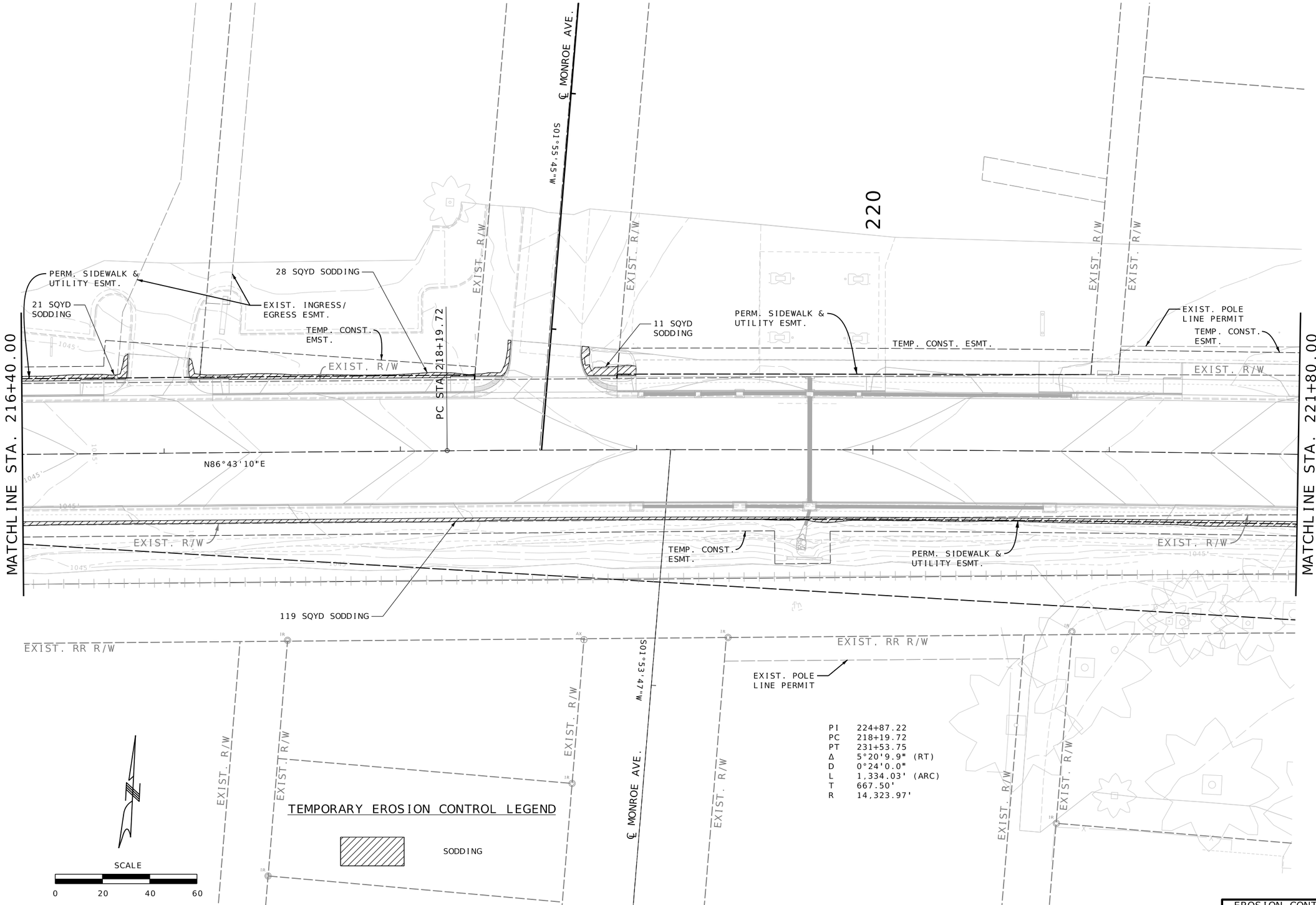
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	110

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL
FINAL PHASE
SHEET 17 OF 23

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185B\plan_sheets\10 Erosion Control\110_EC_17_J7S2185B_I20_Final_Phase.dgn 2:38:05 PM 8/8/2025

STA. 221+80.00

MATCHLINE STA. 221+80.00

℄ MCKINLEY AVE.

EXIST. R/W

EXIST. R/W

TEMP. CONST. ESMT.

EXIST. POLE LINE PERMIT

EXIST. ELECTRIC CLEARING ESMT.

48 SQYD SODDING

TEMP. CONST. ESMT.

56 SQYD SODDING

225

EXIST. ELECTRIC CLEARING ESMT.

EXIST. ELECTRIC ESMT.

PERM. SIDEWALK & UTILITY ESMT.

EXIST. R/W

NEW R/W

EXIST. R/W

EXIST. ELECTRIC CLEARING ESMT.

PERM. SIDEWALK & UTILITY ESMT.

TEMP. CONST. ESMT.

STA. 227+20.00

MATCHLINE STA. 227+20.00

℄ MCKINLEY AVE.

EXIST. R/W

PERM. SIDEWALK & UTILITY ESMT.

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

21 SQYD SODDING

EXIST. RR R/W

EXIST. R/W

EXIST. RR R/W

4 SQYD SODDING

TEMP. CONST. ESMT.

EXIST. RR R/W

28 SQYD SODDING

EXIST. RR R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

119 SQYD SODDING

℄ ROOSEVELT AVE.

PI 224+87.22
PC 218+19.72
PT 231+53.75
Δ 5°20'9.9" (RT)
D 0°24'0.0"
L 1,334.03' (ARC)
T 667.50'
R 14,323.97'

TEMPORARY EROSION CONTROL LEGEND

SODDING

SCALE

0 20 40 60

EROSION CONTROL
FINAL PHASE
SHEET 18 OF 23

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	111

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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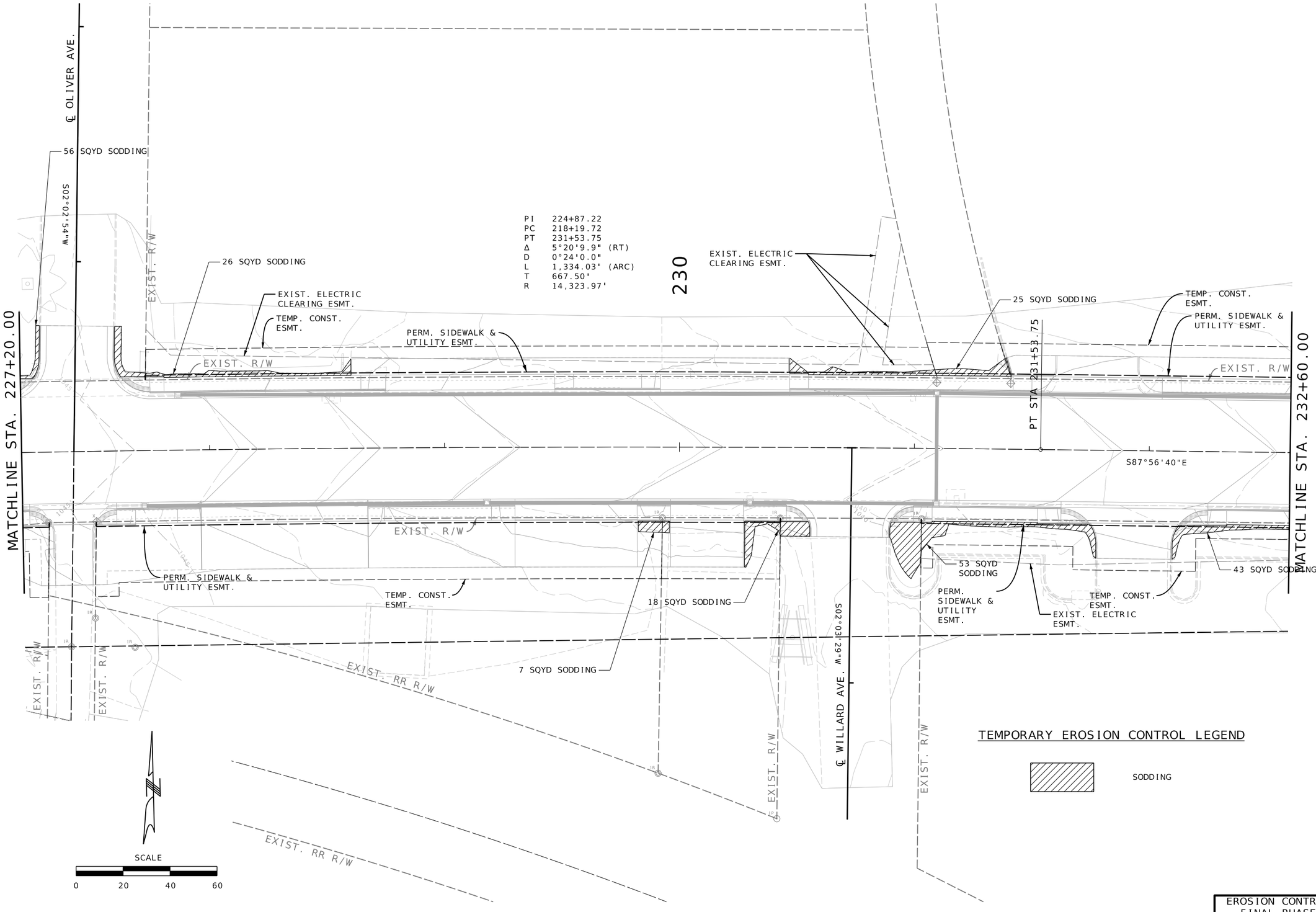


EROSION CONTROL
FINAL PHASE
SHEET 19 OF 23

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	112

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

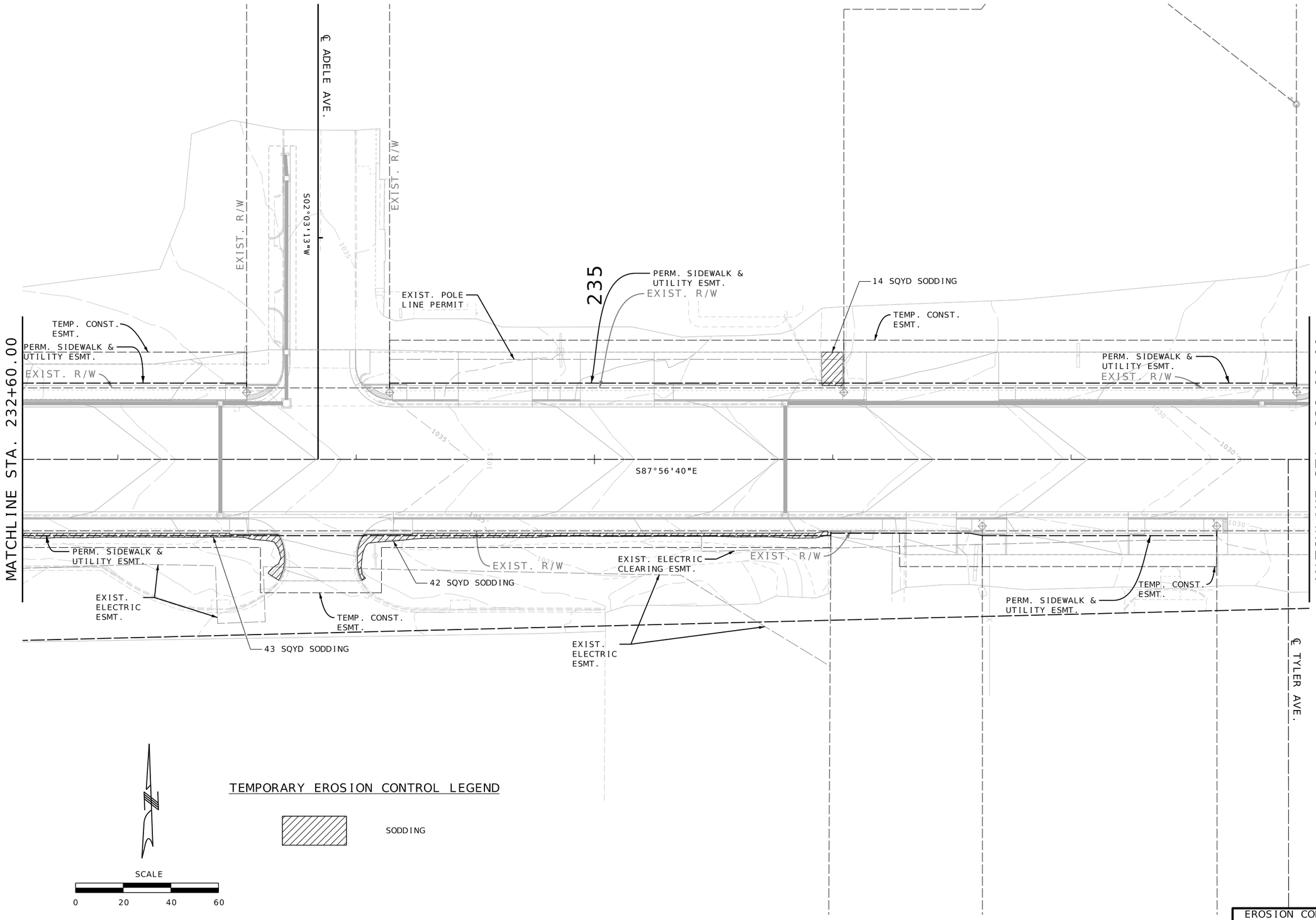
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185B\plan_sheets\10 Erosion Control\112_EC_19_J7S2185B_I20_Final_Phase.dgn 2:38:08 PM 8/8/2025



TEMPORARY EROSION CONTROL LEGEND

SODDING

SCALE

0 20 40 60

EROSION CONTROL
FINAL PHASE
SHEET 20 OF 23

REID BRENNEN CATT
NUMBER
PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	113

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
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CERTIFICATE OF
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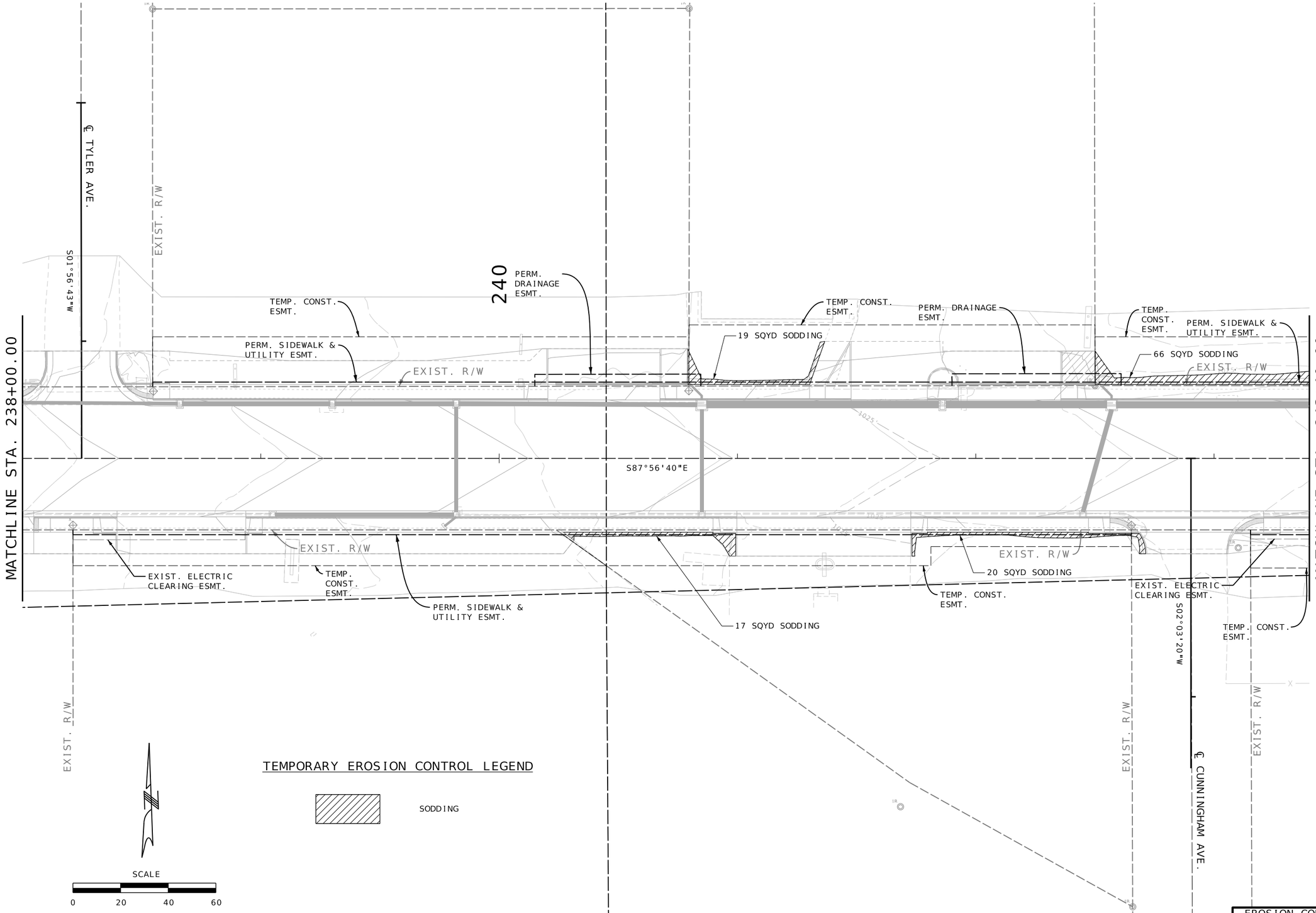

EROSION CONTROL
FINAL PHASE
SHEET 21 OF 23

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	114

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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olsson
550 ST. LOUIS STREET
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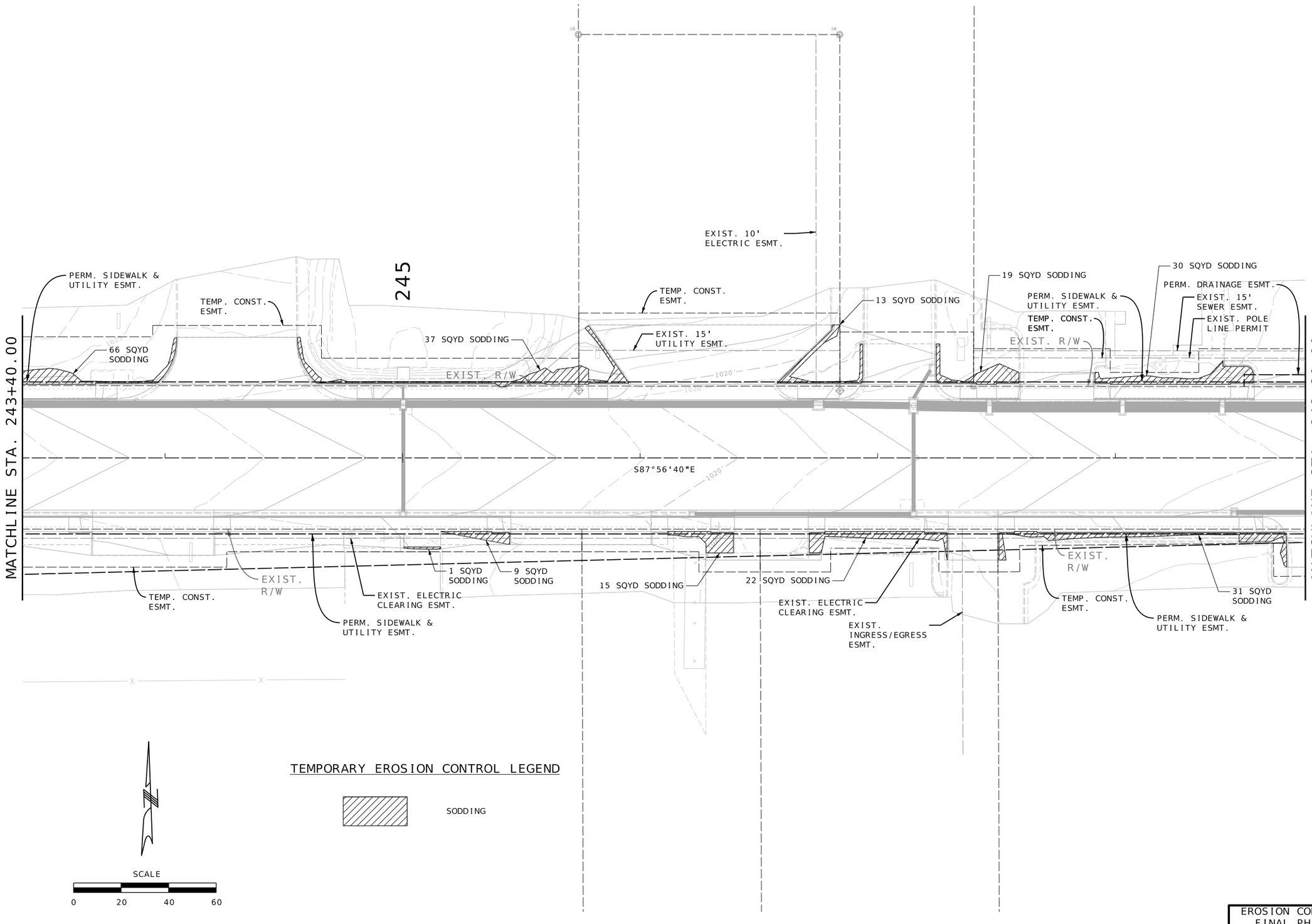

TEMPORARY EROSION CONTROL LEGEND

SODDING

SCALE

0 20 40 60

EROSION CONTROL
FINAL PHASE
SHEET 22 OF 23

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	115

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
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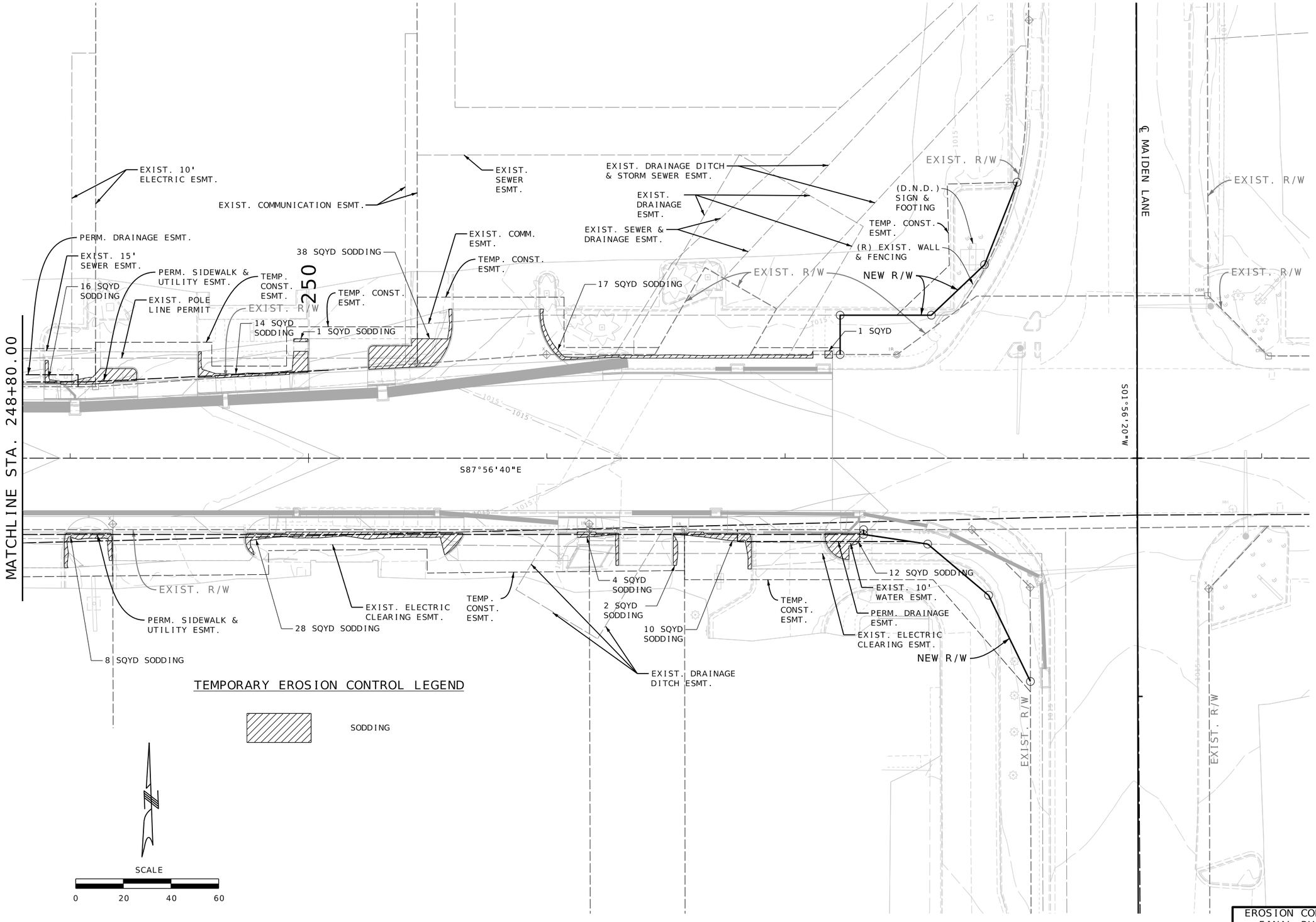
AUTHORITY NO. 001592



TEMPORARY EROSION CONTROL LEGEND

SODDING

SCALE

0 20 40 60

EROSION CONTROL
FINAL PHASE
SHEET 23 OF 23

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	116

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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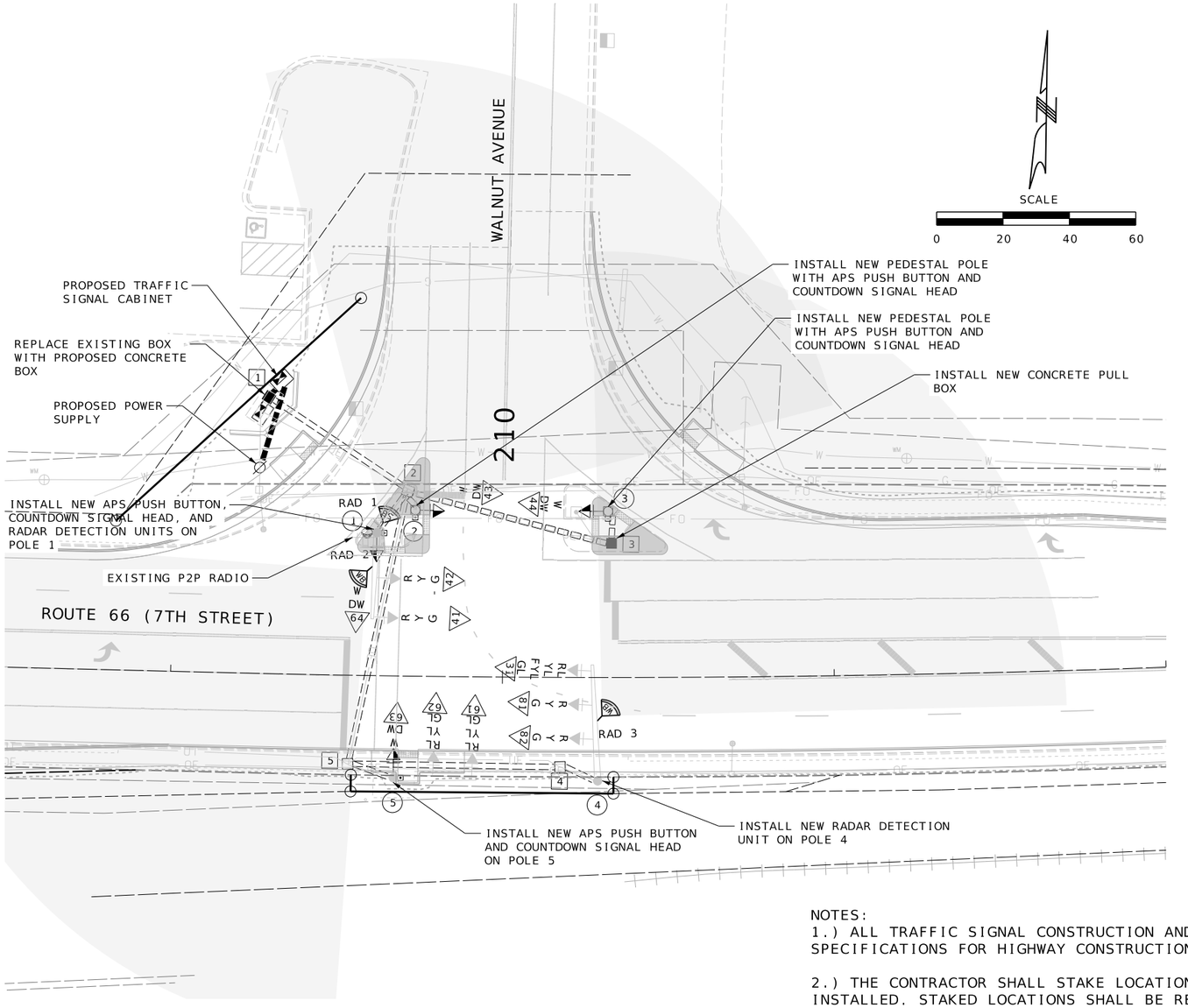

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- RADAR DETECTION ZONE
- EXISTING P2P RADIO
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
GL	GREEN LEFT ARROW
S	STRAIGHT GREEN ARROW
RR	RIGHT RED ARROW
YR	YELLOW RIGHT ARROW
GR	GREEN RIGHT ARROW

ALL 12" LENS WITH TUNNEL VISOR

NOTES:

1.) ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 902 (TRAFFIC SIGNALS), UNLESS OTHERWISE NOTED.

2.) THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.

3.) CONDUITS UNDER ANY NEW PAVEMENT SHALL EITHER BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION OR BORED FOLLOWING PAVEMENT CONSTRUCTION. CONDUITS UNDER ANY EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.

4.) CONDUIT, PULL BOXES, AND POLE BASES SHALL MAINTAIN AT LEAST 4' SETBACK FROM NEW GUARDRAIL OR CONCRETE BARRIER.

5.) CONTROLLER CABINET DOOR MUST OPEN AWAY FROM INTERSECTION.

6.) CONTRACTOR SHALL COORDINATE WITH POLE MANUFACTURER FOR BASE DESIGN COMPLIANCE PER MoDOT REQUIREMENTS. STANDARD SPECIFICATIONS: 1.92.2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SEALED BY A REGISTERED PROFESSIONAL ENGINEER FROM THE MANUFACTURER TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO THE START OF FABRICATION. IF APPLICABLE PRE-APPROVED DRAWINGS MAY BE UTILIZED FOR PURCHASING AND SUPPLYING THE POLES.

WALNUT AVENUE & ROUTE 66

SIGNAL PLAN
SHEET 1 OF 6

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 117
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION: APPROACH	LOCATION: STATION	LOCATION: OFFSET	BASE: A: 9	A: 9.5	A: 10	A: 10.5	A: 11	A: 12	F: 9	F: 9.5	F: 10	F: 10.5	F: 11	F: 12	C	CONCRETE** (CU.YDS.)
CONT.		7TH STREET	209+31.57	88.4' LT														1.31
1		7TH STREET	EXISTING															EX.
2		7TH STREET	209+73.62	50.24' LT													1	0.44
3		7TH STREET	210+32.88	49.88' LT													1	0.44
4		7TH STREET	EXISTING															EX.
5		7TH STREET	EXISTING															EX.
	1	7TH STREET	209+27.65	83.2' LT														
	2	7TH STREET	EXISTING															
	3	7TH STREET	210+33.55	40.06' LT														
	4	7TH STREET	EXISTING															
	5	7TH STREET	EXISTING															
SUBTOTAL																		2.19
TOTAL																		2.20

PULL BOX: PREFORMED CONCRETE: CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	DRAIN TYPE*: I	II: A	B	C	TOP MOUNT POST: 8 FT.	15 FT.
											1	
											1	
					1		1					
				1			1					
				1	1						2	
				1	1						2	

POST (SEE GENERAL NOTE 2): TYPE C & CL: ARM LENGTH: 35	45	46	A	SIGNAL SPACING: B	C	D	D'	SIGN SPACING: B	C	D	D'	TYPE B & BL: ARM LENGTH: E	K	E	K	E	K	LEFT ARM E: SIGNAL SPACING: F	G	H	H'	SIGN SPACING: F	G	H	H'	RIGHT ARM K: SIGNAL SPACING: F	G	H	H'	SIGN SPACING: F	G	H	H'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM*: 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.

EFFECTIVE: 07/01/2018

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE LED TYPE A	INDICATIONS*: 12" LENS CONVENTIONAL: R	RL	Y	YL	YRt	FYL	G	GL	S	GRt	(1) PED.	12" LENS OPTICALLY LIMITING: R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	VISORS*: 12" LENS	(1) PED.	LOUVERS*: A	B	C	D	E	F	BACKPLATE*: LENSES: 1	2	3	4	5	RETROREFLECTIVE BACKPLATE*: LENSES: 1	2	3	4	5	BRACKET*: TYPE: I	II	III
	1	64												1												1																	1		
	2	43												1												1																	1		
	3	44												1												1																	1		
	5	63												1												1																	1		

ONE-FACE SECTION: 1 - T	S	C	B	3 - T	S	C	B	4 - T	S	C	B	5 - T	S	C	B	TWO-FACE SECTION: 11 - T	S	C	B	33 - T	S	C	B	34 - S	B	35 - S	B	44 - S	B	45 - S	B
	1																														
	1																														
	1																														
	1																														

SUBTOTAL	
TOTAL	

SUBTOTAL OPTICALLY LIMITED		
SUBTOTAL CONVENTIONAL	4	
SUBTOTAL COMBINATION OL & CONV		
TOTAL OPTICALLY LIMITED		
TOTAL CONVENTIONAL	4	
TOTAL COMBINATION OL & CONV		

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

WALNUT AVENUE & ROUTE 66

INTERSECTION

LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

D-37A

SIGNAL PLAN
SHEET 2 OF 6

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 118
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)																CABLE																	
FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH			PUSHED			MEDIAN			ON STRUCTURE		REMARKS	FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP	POWER	DETECTION				CCTV CABLE	REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"					1c-#2	1c-#8	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	1c #6	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	VIDEO CABLE	RADAR CABLE		
Ø*	CONT	30		38												Ø*	CONT	30	156														
CONT	BOX 1	5				18									2 CONDUITS	CONT	43	62				92											
BOX 1	BOX 2	50	EXISTING													CONT	44	129				165				74							
BOX 2	BOX 3	64							62							CONT	63	154				190											
BOX 2	BOX 5	85	EXISTING													CONT	64	71				101											
BOX 5	BOX 4	64	EXISTING													CONT	PB 43	129			164											
																CONT	PB 44	62			91											
BOX 2	POLE 1	16	EXISTING													CONT	PB 63	71			100											
BOX 1	POLE 2	7	EXISTING													CONT	PB 64	154			189											
BOX 3	POLE 3	10						11								CONT	RAD 1	71												142		
BOX 5	POLE 5	14	EXISTING													CONT	RAD 2	71												152		
BOX 4	POLE 4	12	EXISTING													CONT	RAD 3	216												317		
																CONT	CCTV	71													148	
				-																													
SUBTOTALS				38		18		11	62							SUBTOTALS			156		544	548				74				611	148	
TOTALS				38		18		11	62							TOTALS			160		550	550				80				620	150	

NOTE: CABLE AND CONDUIT FROM POWER SUPPLY ASSEMBLY TO UTILITY COMPANY FACILITIES SHALL ALSO BE PROVIDED AND ARE INCLUDED IN THE LUMP SUM TRAFFIC SIGNAL BID ITEM.

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 119

COUNTY JASPER

JOB NO. J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

D-37B

SIGNAL PLAN
SHEET 3 OF 6

INTERSECTION WALNUT AVENUE & ROUTE 66

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE 66	209+24.46	62.1' LT.	Type 2		15 Amps	15 Amps	100 Amps	100 Amps	Amps	Amps	Cl. Ft.	EMPIRE
			Type		Amps	Amps	Amps	Amps		Amps	Cl. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		2070 SOFTWARE *		UNINTERRUPTIBLE POWER SUPPLY
							TYPE		12C/7C HARDWIRE		TIME BASE	CLOSED LOOP		FIBER									902-99.02
APPROACH	STATION	OFFSET	NEMA	170	2070	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	OMNIeX	WAPITI	
ROUTE 66	209+31.57	88.4' LT.			1														1		1		

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		APS PUSH BUTTON	INDUCTION LOOP (2)			RADAR (1)
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
30/81	EB APPROACH					1
61	SB APPROACH					1
41	WB APPROACH					1
PED 63	POLE 1	1				
PED 64	POLE 2	1				
PED 43	POLE 4	1				
PED 44	POLE 5	1				
TOTAL		4				

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

(1) NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONES. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.

(2) ALL PUSH BUTTONS SHALL BE APS AND UTILIZE A 2-WIRE CONTROL SYSTEM WITH CONTROL UNIT IN THE CABINET.

(3) CONTROL UNIT SHALL OPERATE IN MODE G. COMPACT MODE FOR FLASHING YELLOW ARROW.

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
RADAR DETECTION SYSTEM	L.S.	1

SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA	SIGNAL SIGN MOUNTING HARDWARE
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	R3-4	36 X 36	9.0		
	R10-5	24 X 30	5.0		
	R10-12	24 X 30	5.0		
	D3-1	VAR X 18			
	D3-1	VAR X 18			
2	R10-3E(L)	9 X 15	0.9	1.8	2
2	R10-3E(R)	9 X 15	0.9	1.8	2
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
	R10-15R	30 X 36	7.5		
			SUBTOTAL	3.6	4
			TOTAL	3.6	4

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U					31	41						43	63	FLASH SENSE
	L						42						44	64	STOP TIME
"J"	U		61				81								
	L		62				82								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = 12

2070 OUTPUT FILE ASSIGNMENTS

FR1				RL YL FYL	R Y G	DW L W	MONITOR
FR2							
FR3		RL YL GL	DW W		R Y G		
FR4							

WALNUT AVENUE & ROUTE 66
INTERSECTION

D-37C
SIGNAL PLAN
SHEET 4 OF 6

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 120
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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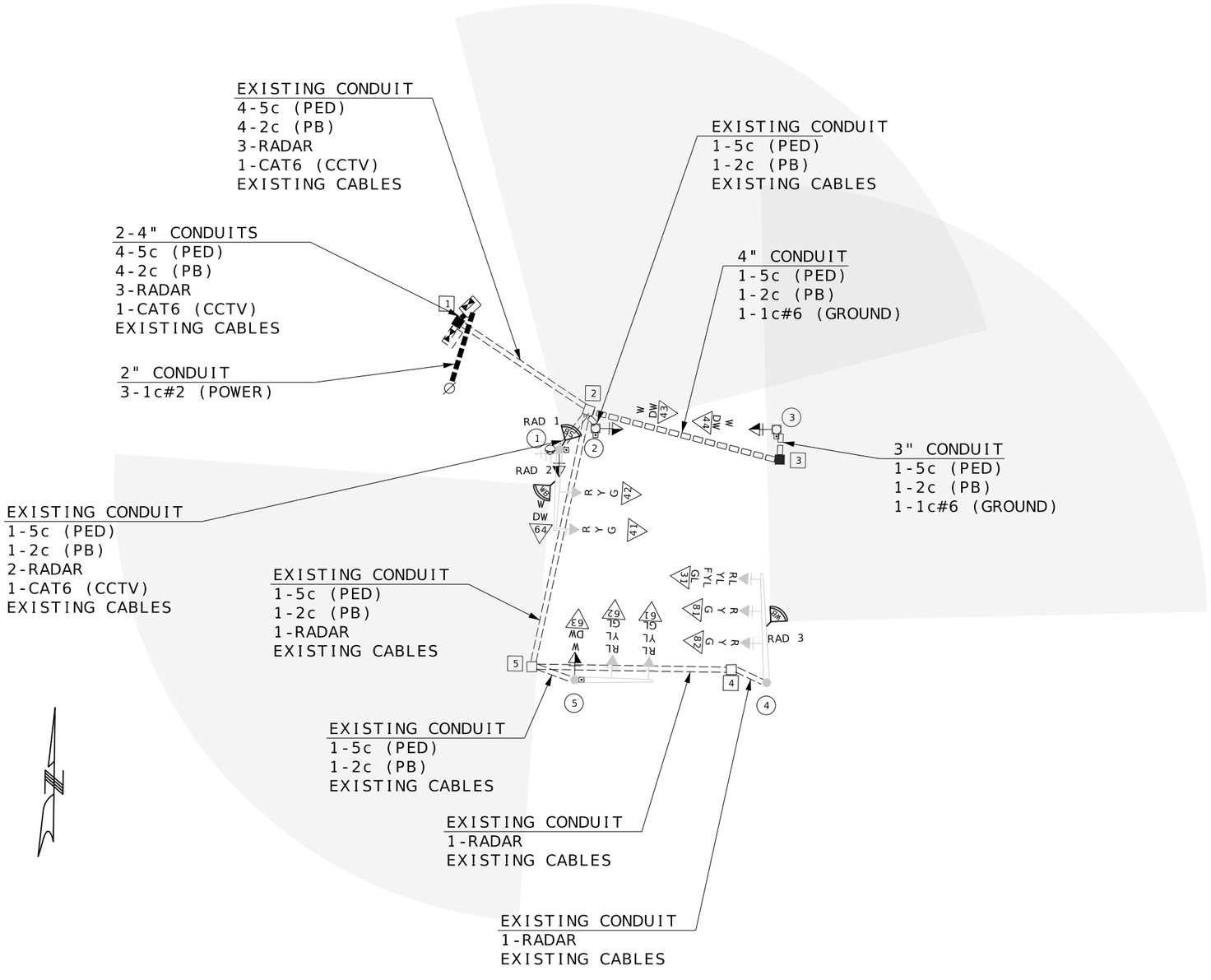
EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
(X)	POST WITH NUMBER
(X)	POST WITH MAST ARM
(X)	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
— X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 121

COUNTY JASPER

JOB NO. J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

ROUTE 66 & WALNUT AVENUE

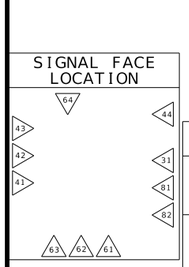
INTERSECTION

D-37D

SIGNAL PLAN
SHEET 5 OF 6

EFFECTIVE 12/01/2017

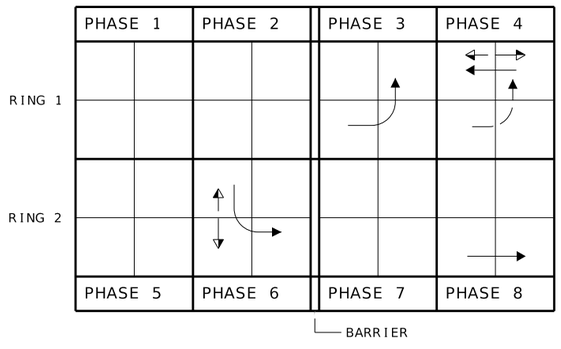
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	OL A OVERLAP
FACE NUMBERS			31	41 42		61 62		81 82		43 44	63 64		31
SIGNAL INDICATIONS R	RL		RL	R R		RL RL		R R		DW DW	DW DW		
SIGNAL INDICATIONS Y	YL		YL	Y Y		YL YL		Y Y		FDW FDW	FDW FDW		
SIGNAL INDICATIONS FYA	FYL		FYL										FYA
SIGNAL INDICATIONS G	GL		GL	G G		GL GL		G G		W W	W W		
DETECTOR ASSIGNMENTS			31	41 42		61 62		81 82					
DETECTOR ASSIGNMENTS (PEDS. ONLY)										PB 44 PB 43	PB 64 PB 63		
OVERLAP PARENT PHASES													4

FACE NUMBERS
SIGNAL INDICATIONS
DETECTOR ASSIGNMENTS



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL MOVEMENTS	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

WALNUT AVENUE & ROUTE 66

D-38A

SIGNAL PLAN
SHEET 6 OF 6

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	122

COUNTY: JASPER

JOB NO.: J7S2185B&F

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

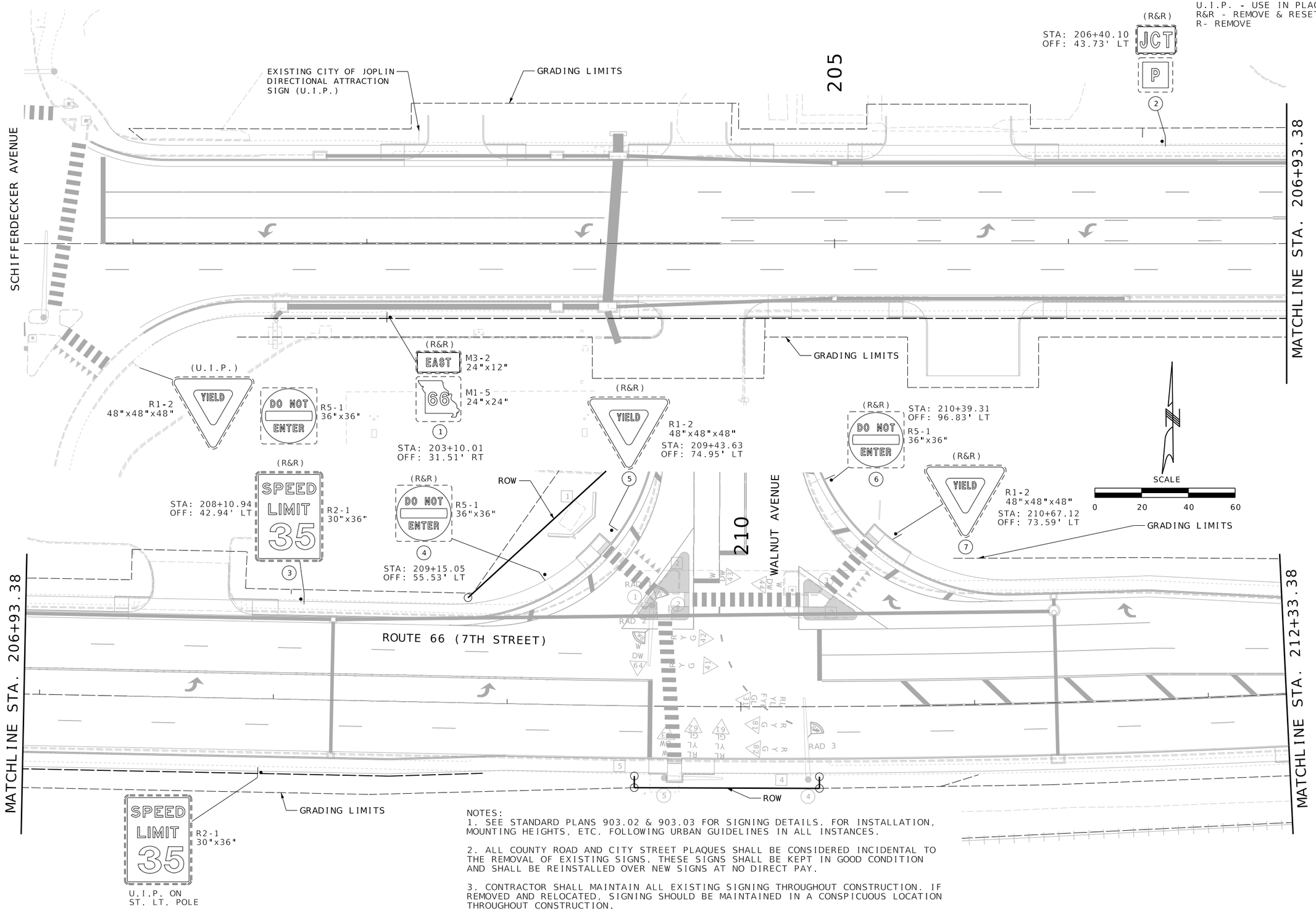
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE



NOTES:
1. SEE STANDARD PLANS 903.02 & 903.03 FOR SIGNING DETAILS. FOR INSTALLATION, MOUNTING HEIGHTS, ETC. FOLLOWING URBAN GUIDELINES IN ALL INSTANCES.

2. ALL COUNTY ROAD AND CITY STREET PLAQUES SHALL BE CONSIDERED INCIDENTAL TO THE REMOVAL OF EXISTING SIGNS. THESE SIGNS SHALL BE KEPT IN GOOD CONDITION AND SHALL BE REINSTALLED OVER NEW SIGNS AT NO DIRECT PAY.

3. CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNING THROUGHOUT CONSTRUCTION. IF REMOVED AND RELOCATED, SIGNING SHOULD BE MAINTAINED IN A CONSPICUOUS LOCATION THROUGHOUT CONSTRUCTION.

SIGNING
SHEET 1 OF 7

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 123
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

MATCHLINE STA. 212+33.38

MATCHLINE STA. 217+73.38

ROUTE 66 (7TH STREET)

GRADING LIMITS

(R&R) W 7th St D3-1 24"x6"
(R&R) S Winfield Ave D3-1 24"x6"
STOP R1-1 36"x36"
(8) STA: 214+19.32 OFF: 33.92' LT

WINFIELD AVENUE

215

SPEED LIMIT 35 R2-1 30"x36"
RELOCATE EXISTING SPEED LIMIT SIGN ONTO RELOCATED ST. LT POLE. NO DIRECT PAY

(R&R) W 7th St D3-1 24"x6"
(R&R) S Jeffersom Ave D3-1 24"x6"
(10) STA: 215+60.10 OFF: 34.37' RT

(R&R) RAILROAD CROSSING R15-1 48"X9"
YIELD R1-2 30"X30"X30"
(9) STA: 215+56.97 OFF: 41.31' RT

JEFFERSON AVENUE

(R&R) RAILROAD CROSSING R15-1 48"X9"
YIELD R1-2 30"X30"X30"
(16) STA: 222+39.65 OFF: 34.90' LT

(R&R) SCHOOL SPEED LIMIT 25 WHEN FLASHING S5-1 24"x48"
REMOVE & RESET SCHOOL FLASHER ON NEW TYPE C FOUNDATION. RECONNECT TO EXISTING POWER SUPPLY POLE. SEE JSP
(11) STA: 216+31.21 OFF: 28.93' RT

(R&R) S1-1 36"X36"
W16-7P 21"X15"
(15) STA: 222+14.19 OFF: 32.91' LT

McKINLEY AVENUE

(R&R) W 7th St D3-1 24"x6"
(R&R) S Monroe Ave D3-1 24"x6"
STOP R1-1 36"x36"
(17) STA: 222+39.65 OFF: 34.90' LT

MONROE AVENUE

220

SCALE
0 20 40 60

(R&R) W 7th St D3-1 24"x6"
(R&R) S Monroe Ave D3-1 24"x6"
STOP R1-1 36"x36"
(12) STA: 218+38.74 OFF: 32.11' LT

GRADING LIMITS

(R&R) S1-1 36"X36"
W16-7P 21"X15"
(13) STA: 219+94.07 OFF: 29.02' RT

(R&R) S1-1 36"X36"
W16-7P 21"X15"
(14) STA: 221+96.95 OFF: 29.67' RT

(U.I.P.) RAILROAD CROSSING R15-1 48"X9"
YIELD R1-2 30"x30"x30"

STA: 222+61.11 OFF: 63.89' RT
(R&R) W 7th St D3-1 24"x6"
S McKinley Ave D3-1 24"x6"
STOP (U.I.P.) R1-1 36"x36"
(18)

MATCHLINE STA. 223+13.38

NOTES:
1. SEE STANDARD PLANS 903.02 & 903.03 FOR SIGNING DETAILS. FOR INSTALLATION, MOUNTING HEIGHTS, ETC. FOLLOWING URBAN GUIDELINES IN ALL INSTANCES.

2. ALL COUNTY ROAD AND CITY STREET PLAQUES SHALL BE CONSIDERED INCIDENTAL TO THE REMOVAL OF EXISTING SIGNS. THESE SIGNS SHALL BE KEPT IN GOOD CONDITION AND SHALL BE REINSTALLED OVER NEW SIGNS AT NO DIRECT PAY.

3. CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNING THROUGHOUT CONSTRUCTION. IF REMOVED AND RELOCATED, SIGNING SHOULD BE MAINTAINED IN A CONSPICUOUS LOCATION THROUGHOUT CONSTRUCTION.

SIGNING
SHEET 2 OF 7

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 124
COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

MATCHLINE STA. 223+13.38

MATCHLINE STA. 228+53.38

MATCHLINE STA. 228+53.38

MATCHLINE STA. 233+93.38

ROUTE 66 (7TH STREET)

ROUTE 66 (7TH STREET)

OLIVER AVENUE

ROOSEVELT AVENUE

ADELE AVENUE

WILLARD AVENUE

GRADING LIMITS

GRADING LIMITS

GRADING LIMITS

GRADING LIMITS

(R&R)
S1-1
36"X36"

W16-7P
21"X15"

19

STA: 219+94.07
OFF: 29.02' RT

(R&R)
REMOVE & RESET SCHOOL FLASHER ON NEW TYPE C FOUNDATION. RECONNECT TO EXISTING POWER SUPPLY POLE. SEE JSP

SCHOOL
SPEED
LIMIT
25
WHEN
FLASHING

S5-1
24"x48"

STA: 226+11.85
OFF: 32.94' LT

21

(R&R)
W 7th St D3-1 24"x6"
S Oliver Ave D3-1 24"x6"

STOP R1-1 36"x36"

22

STA: 227+23.86
OFF: 34.08' LT

(U.I.P.)
SPEED
LIMIT
35

R2-1
30"x36"

(U.I.P.)
RAIL ROAD CROSSING

R15-1
48"X9"

YIELD

R1-2
30"x30"x30"

(R&R)
W 7th St D3-1 24"x6"
S Roosevelt Ave D3-1 24"x6"

20

STA: 225+54.56
OFF: 32.94' RT

(U.I.P.)
RAIL ROAD CROSSING

R15-1
48"X9"

YIELD

R1-2
30"x30"x30"

(U.I.P.)
STOP R1-1 36"x36"

W 7th St D3-1 24"x6"
S Oliver Ave D3-1 24"x6"

STOP R1-1 36"x36"

23

(R&R)
W 7th St D3-1 24"x6"
S Adele Ave D3-1 24"x6"

STA: 227+54.54
OFF: 34.08' RT

STOP R1-1 36"x36"

25

STA: 233+66.19
OFF: 34.76' LT

(R&R)
W 7th St D3-1 24"x6"
S Willard Ave D3-1 24"x6"

STOP R1-1 36"x36"

24

STA: 230+91.89
OFF: 33.04' RT

SCALE
0 20 40 60

225

230

NOTES:
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JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	125

COUNTY JASPER

JOB NO. J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

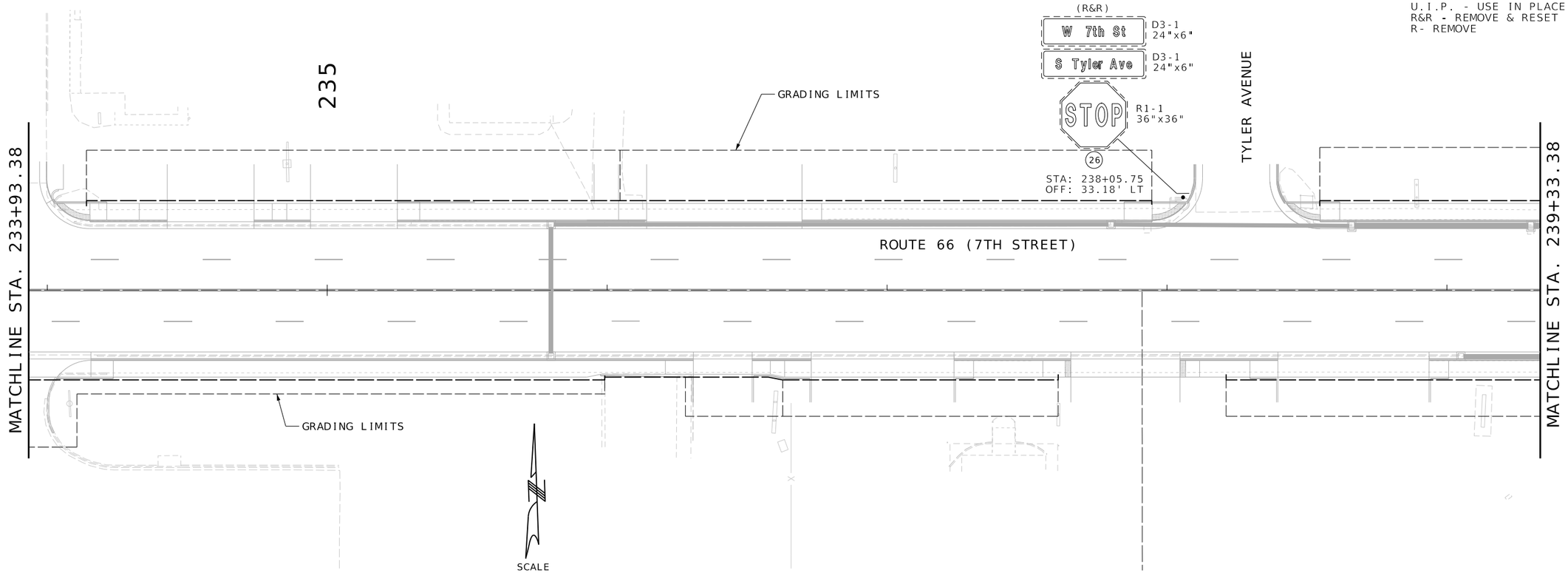
DATE	DESCRIPTION

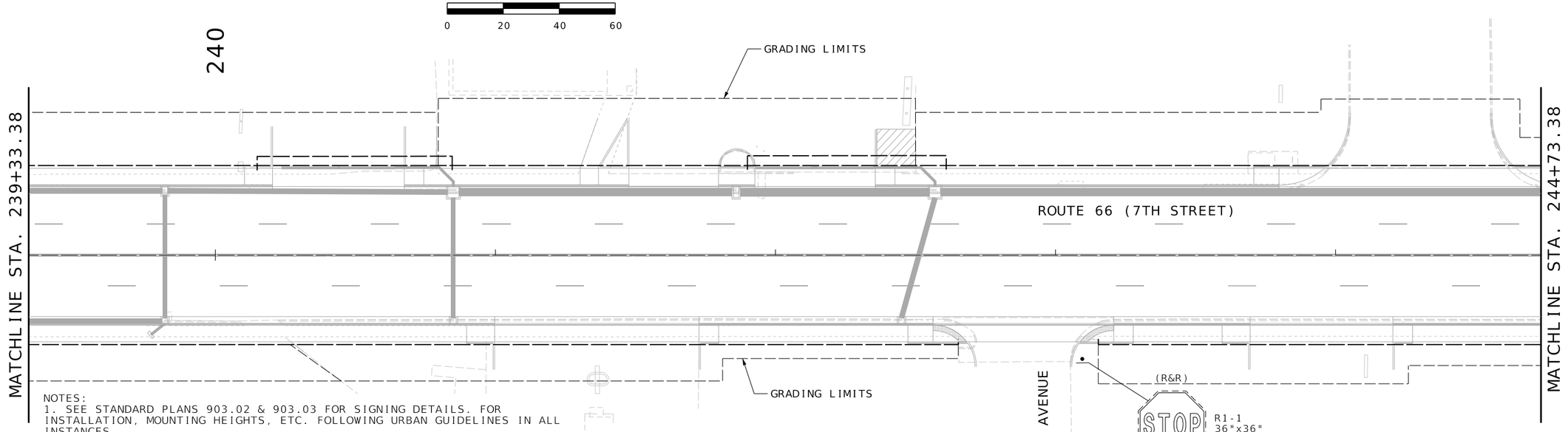
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SIGNING
SHEET 3 OF 7

U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE





NOTES:
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SIGNING
SHEET 4 OF 7

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	126

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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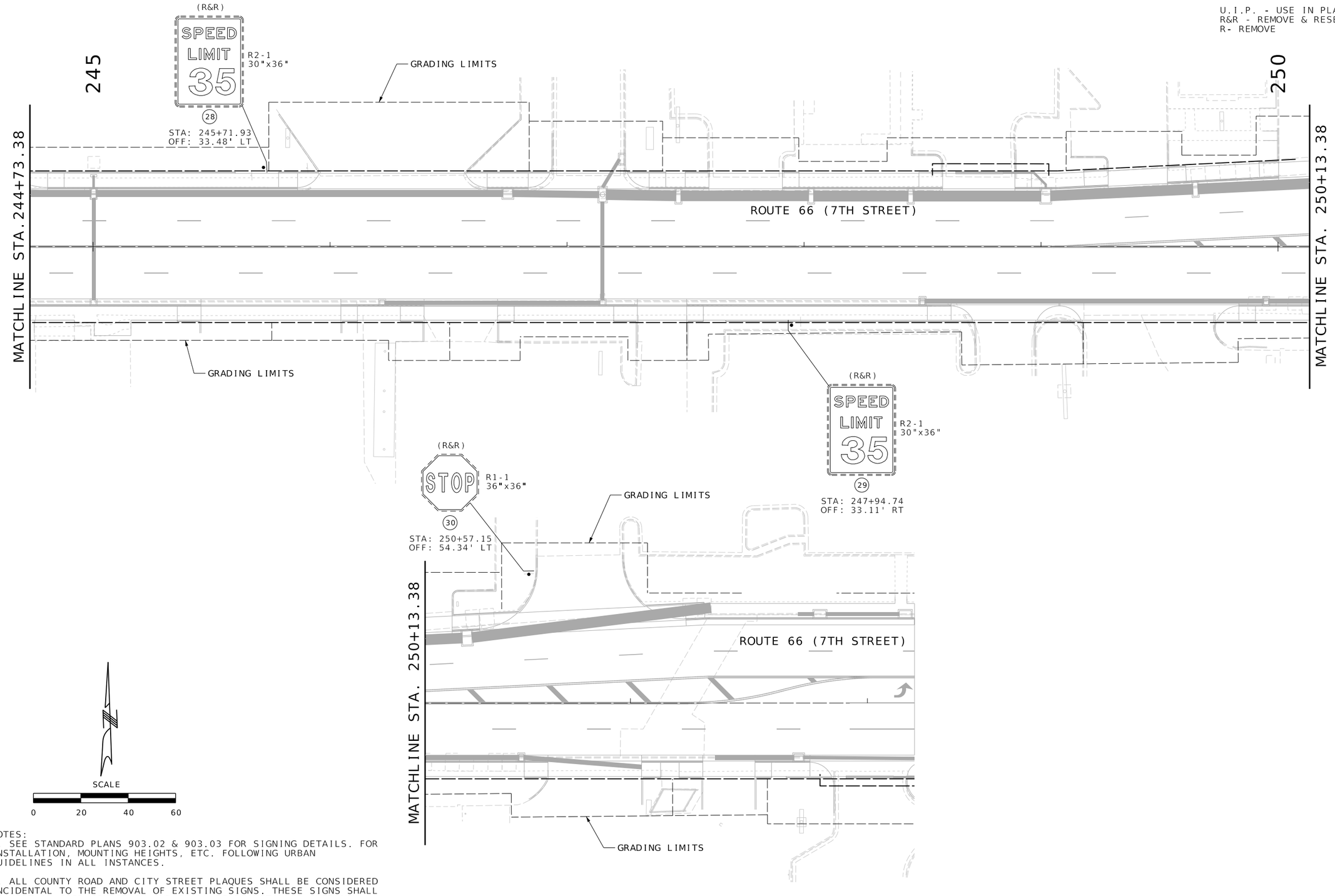
U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE



SCALE
0 20 40 60

NOTES:
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JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 127
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SIGNING
SHEET 5 OF 7

SIGNS						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS*						PIPE POSTS*					BACKING BARS**				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE POST										BREAKAWAY ASSEMBLY ITEM NO. 9031241	REMARKS AND OTHER REQUIRED ITEMS.
																						2-INCH POST						2.5-INCH POST						
																									ANCHORS						ANCHORS		
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	POST DES NO.	POST NO. 1	POST NO. 2	POST NO. 3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X 3/8" BARS AT 2.55 LBS/FT				ITEM NO. 9031250A	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031270A	DRIVEN 12 GA. ITEM NO. 9031271A	DRIVEN 7 GA. ITEM NO. 9031273A	CONCRETE 7 GA. ITEM NO. 9031274	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031280	2.25" INSERT (5 FT) ITEM NO. 9031272A	DRIVEN 7 GA. ITEM NO. 9031281A	CONCRETE 7 GA. ITEM NO. 9031285		
																		NO. EACH	LGTH IN.	TOTAL LF	TOTAL LBS														
						CY		LF	LF	LF		LBS	IN.	LF	LF		LBS					LF	LF	LF		EA	EA	EA	LF	LF	LF	EA	EA	EA	EACH	
1	EXST SIGN	203+10	32' RT.	RCUTE 66																															
2	EXST SIGN	206+40	44' LT.	RCUTE 66																									16		16		1			
3	EXST SIGN	208+11	43' LT.	RCUTE 66																									16		16		1			
4	EXST SIGN	209+15	55' LT.	RCUTE 66																									16		16		1			
5	EXST SIGN	209+44	75' LT.	RCUTE 66																									16		16		1			
6	EXST SIGN	210+39	97' LT.	RCUTE 66																									16		16		1			
7	EXST SIGN	210+67	74' LT.	RCUTE 66																									16		16		1			
8	EXST SIGN	214+19	34' LT.	RCUTE 66																									16		16		1			
9	EXST SIGN	215+57	41' RT.	RCUTE 66																									16		16		1			RELOCATE REFLECTOR POSTS ONTO NEW POST
10	EXST SIGN	215+60	34' RT.	RCUTE 66																									16		16		1			
11	EXST SIGN	216+31	29' RT.	RCUTE 66		0.44																														RELOCATE ON NEW FOUNDATION (SEE JSP)
12	EXST SIGN	218+38	32' LT.	RCUTE 66																									16		16		1			
13	EXST SIGN	219+94	29' RT.	RCUTE 66																									16		16		1			
14	EXST SIGN	221+97	30' RT.	RCUTE 66																									16		16		1			
15	EXST SIGN	222+14	33' LT.	RCUTE 66																									16		16		1			
16	EXST SIGN	222+39	35' LT.	RCUTE 66																									16		16		1			RELOCATE REFLECTOR POSTS ONTO NEW POST
17	EXST SIGN	222+40	35' LT.	RCUTE 66																									16		16		1			
18	EXST SIGN	222+61	64' RT.	RCUTE 66																									16		16		1			
19	EXST SIGN	219+94	29' RT.	RCUTE 66																									16		16		1			
20	EXST SIGN	225+54	33' RT.	RCUTE 66																									1		1		1			
21	EXST SIGN	226+12	33' LT.	RCUTE 66		0.44																														RELOCATE ON NEW FOUNDATION (SEE JSP)
22	EXST SIGN	227+24	34' LT.	RCUTE 66																									16		16		1			
23	36"X36"	227+54	34' RT.	RCUTE 66																									16		16		1			
23	24"x6"	-	-	-																																SHARED
23	24"x6"	-	-	-																																SHARED
24	EXST SIGN	230+92	33' RT.	RCUTE 66																									16		16		1			
25	EXST SIGN	233+66	35' LT.	RCUTE 66																									16		16		1			
26	EXST SIGN	238+05	33' LT.	RCUTE 66																									16		16		1			
27	EXST SIGN	243+10	37' RT.	RCUTE 66																									16		16		1			
28	EXST SIGN	245+71	33' LT.	RCUTE 66																									16		16		1			
29	EXST SIGN	247+95	33' RT.	RCUTE 66																									16		16		1			
30	EXST SIGN	250+57	54' LT.	RCUTE 66																									16		16		1			
				SUBTOTAL		0.88																								433		28				
				TOTAL		0.88																**								440		28				

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS

**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OF PIPE POSTS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 128

COUNTY JASPER

JOB NO. J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SIGNING
SHEET 6 OF 7

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STANDARD SIGN ASSEMBLIES

SIGN NO.	STATION OR LOG MILE	LOCATION	SH STOP 36"X36" R1-1	SH STREET NAME SIGN 24"X6" D3-1
11	227+54	ROUTE 66	1	
11	227+54	ROUTE 66		1
11	227+54	ROUTE 66		1
		TOTALS	1	2

SIGN SUMMARY

STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL. SHT. NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET: FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF ITEM NO. 9035071A
R2-1	STD	1	36"X36"	7.5			
D3-1	STD	2	24"X6"	2.0			
			TOTALS	9.5	0.0	0.0	0.0

*ORANGE, YELLOW, AND YELLOW-GREEN

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	129

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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NOTES:

1. SEE STANDARD PLAN 620.00 FOR PAVEMENT MARKING DETAILS.

2. THE CONTRACTOR SHALL REPLACE ALL DISTURBED PAVEMENT MARKINGS AS DIRECTED BY ENGINEER.

3. UNLESS OTHERWISE NOTED, CROSSWALK MARKINGS SHALL BE SPACED EQUALLY WITH ONE BLOCK CENTERED ON EACH LANE. ONE BLOCK ON EACH LANE/CENTER LINE AND ONE HALF BLOCK ON EACH EDGE LINE.

4. WHITE YIELD LINE TRIANGLES SHALL BE PLACED 4' FROM EDGE OF CROSSWALK

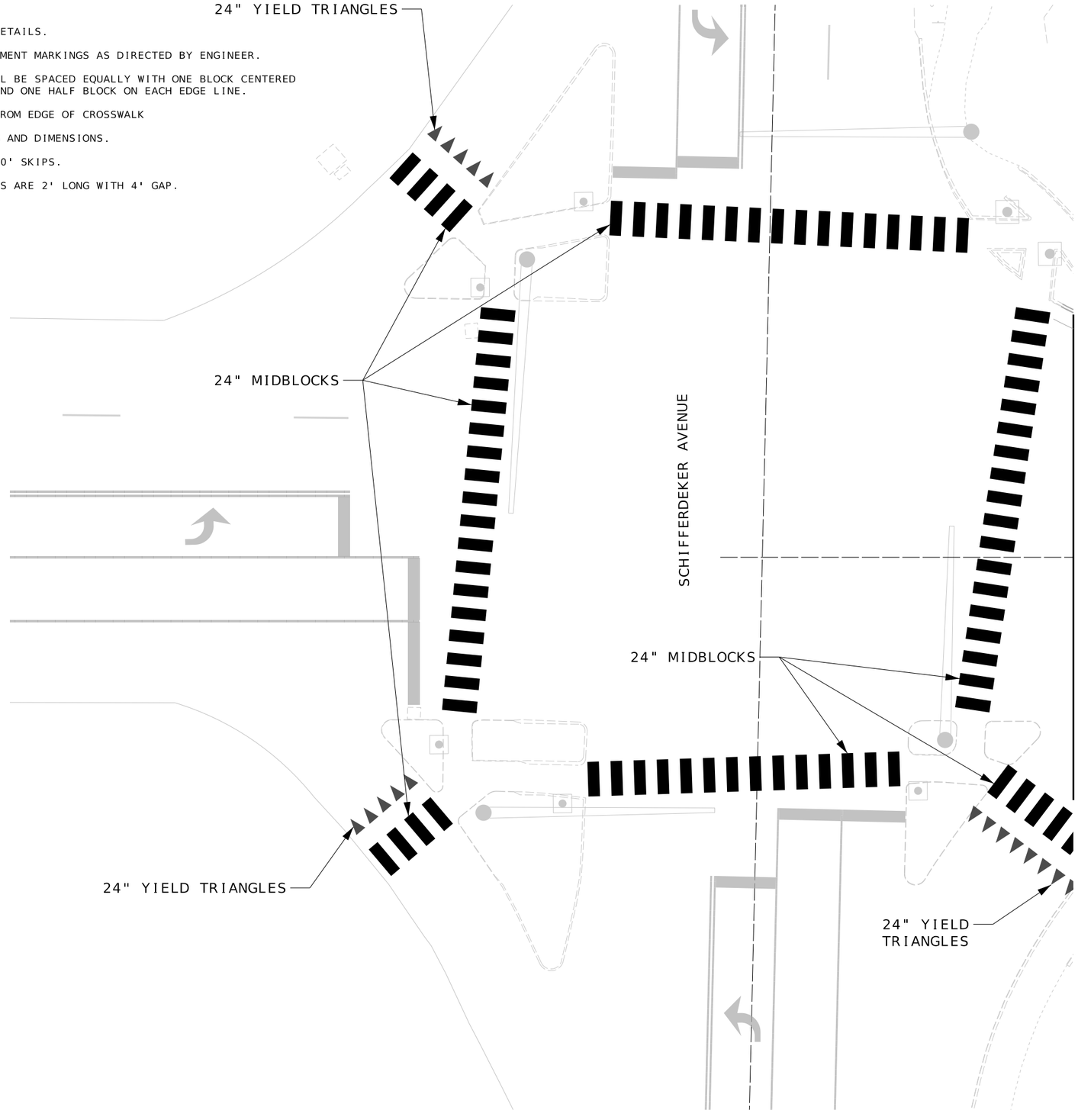
5. SEE TYPICAL SECTIONS SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS.

6. INTERMITTENT WHITE MARKINGS ARE 10' LONG WITH 30' SKIPS.

7. DOTTED YELLOW/WHITE LANE LINE EXTENSION MARKINGS ARE 2' LONG WITH 4' GAP.

STRIPING LEGEND

- INTERMITTENT WHITE/YELLOW
- DOTTED WHITE/YELLOW
- SOLID WHITE/YELLOW
- DOUBLE YELLOW



SCALE

0 10 20 30

PAVEMENT MARKING
SHEET 1 OF 6

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	130

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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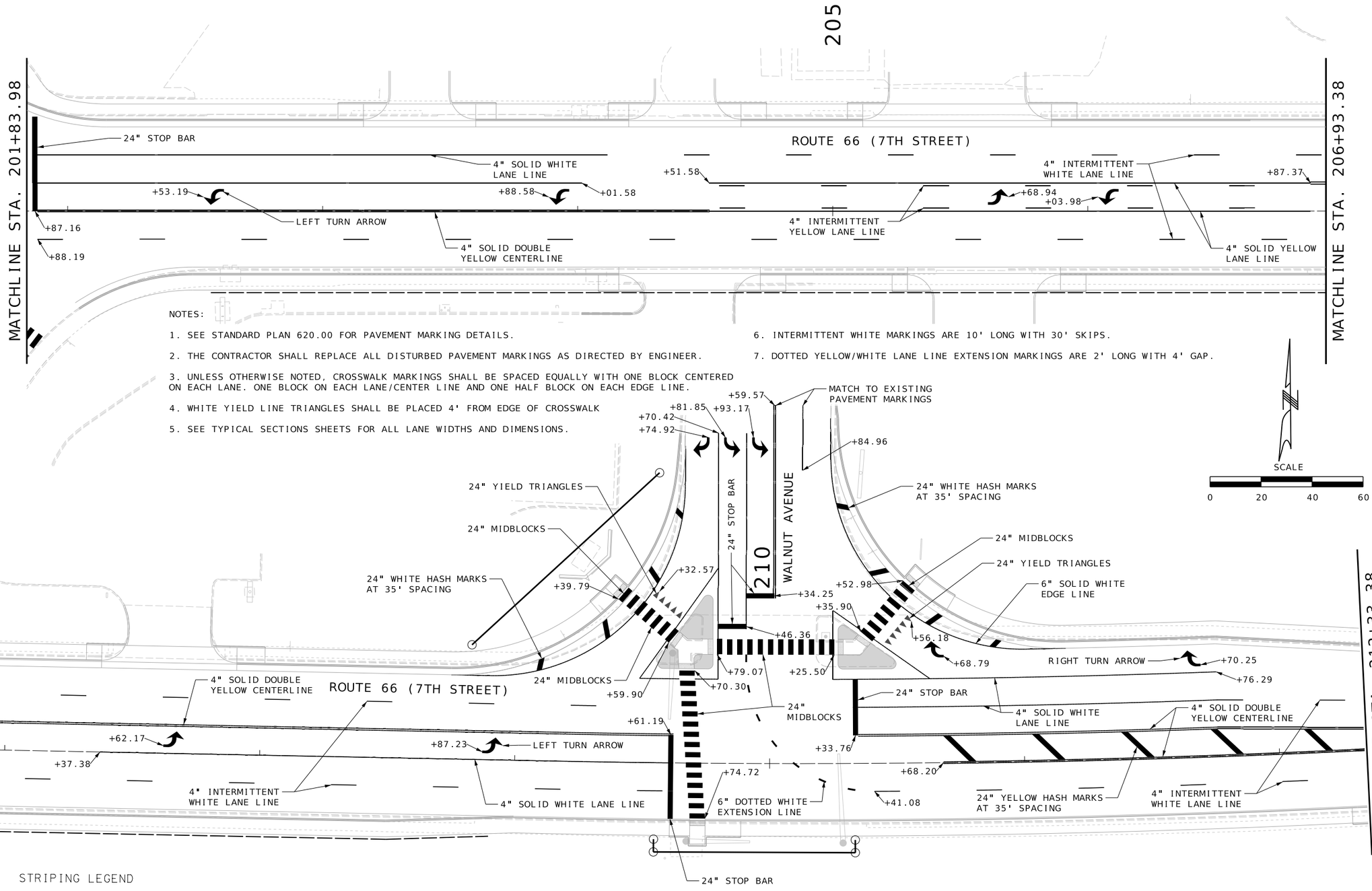
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



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STRIPING LEGEND

- INTERMITTENT WHITE/YELLOW
- DOTTED WHITE/YELLOW
- SOLID WHITE/YELLOW
- DOUBLE YELLOW

PAVEMENT MARKING
SHEET 2 OF 6

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 131
COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
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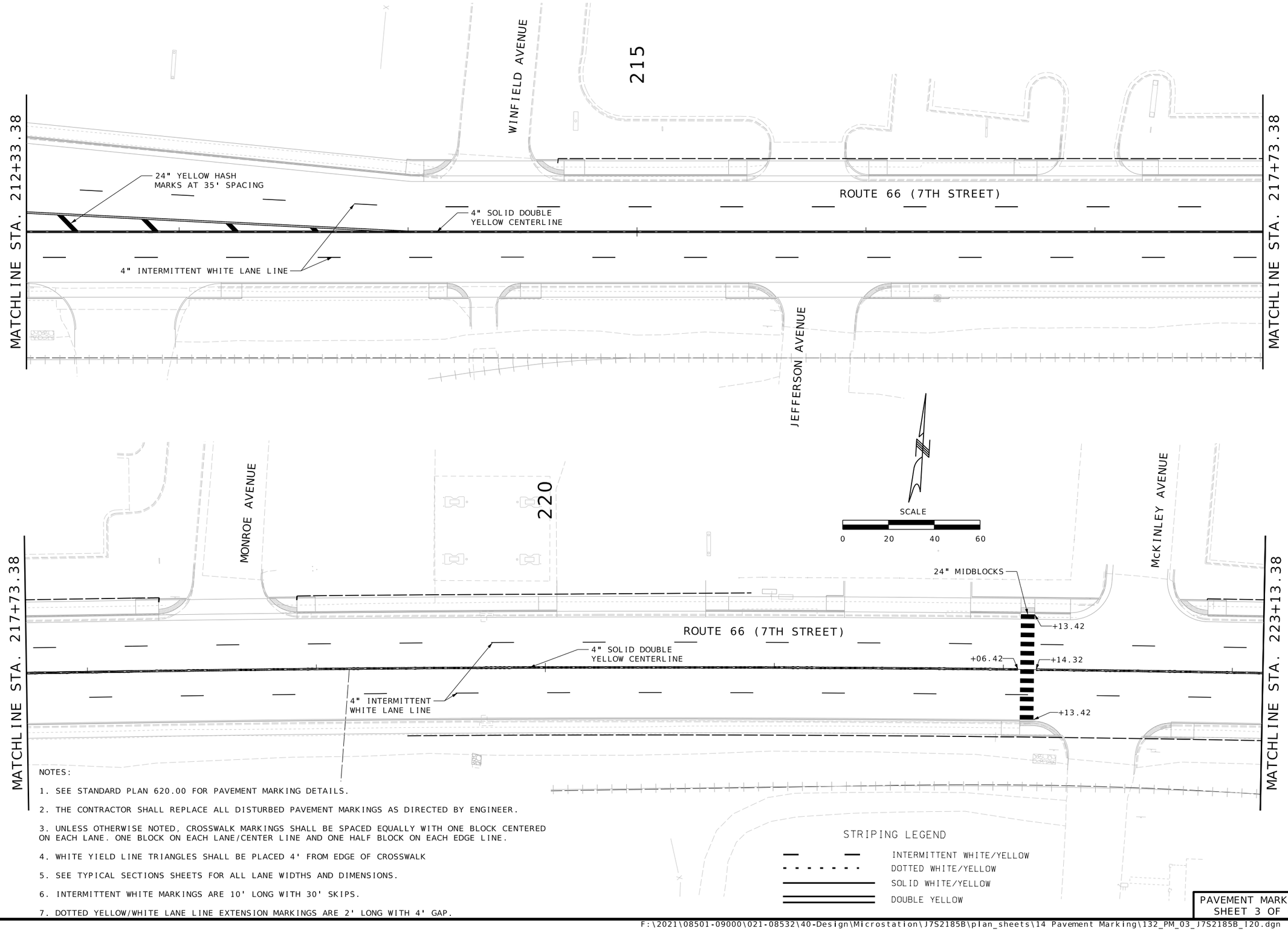
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592



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PAVEMENT MARKING
SHEET 3 OF 6

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	132

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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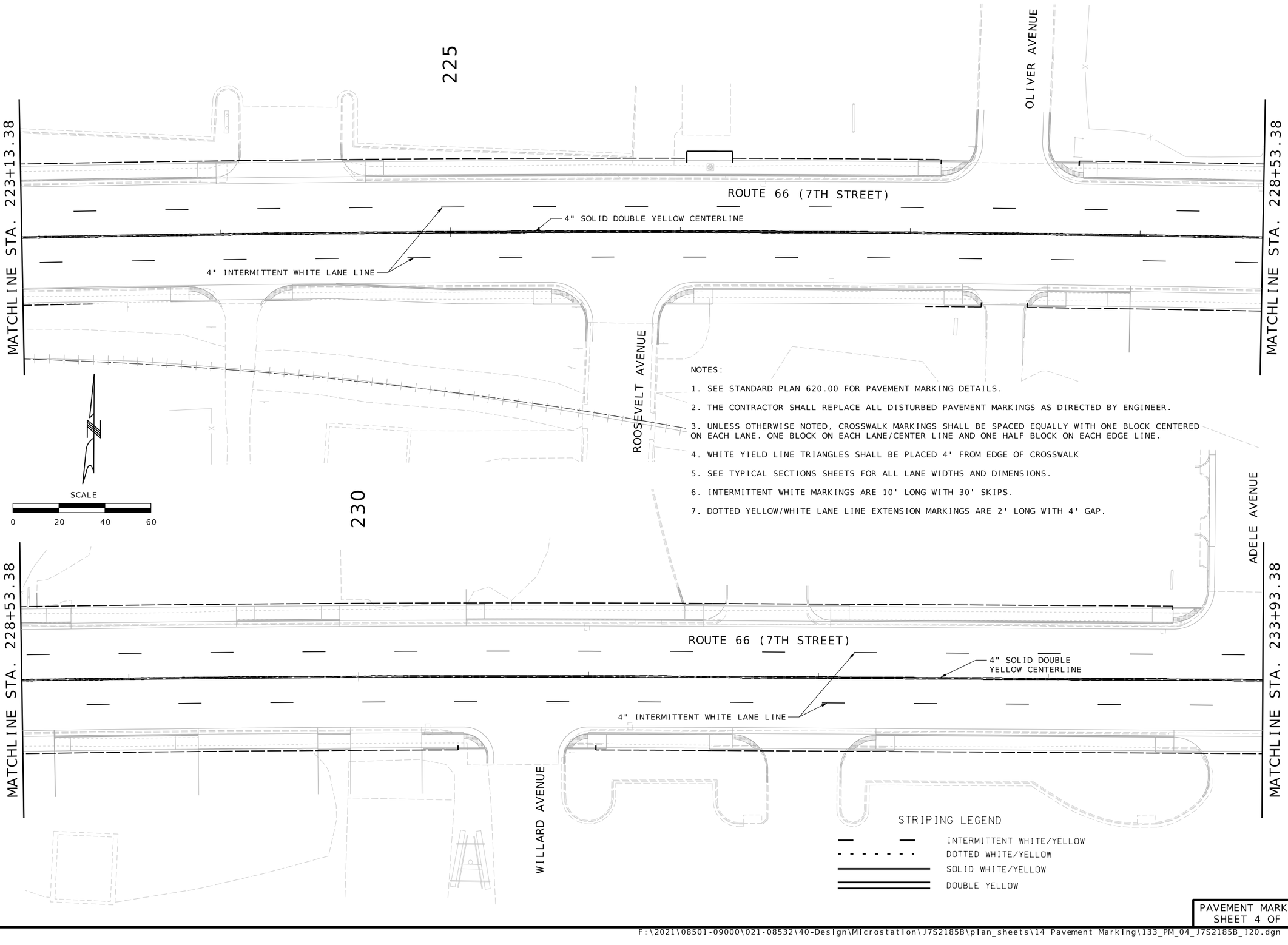

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JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	133

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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PAVEMENT MARKING
SHEET 4 OF 6

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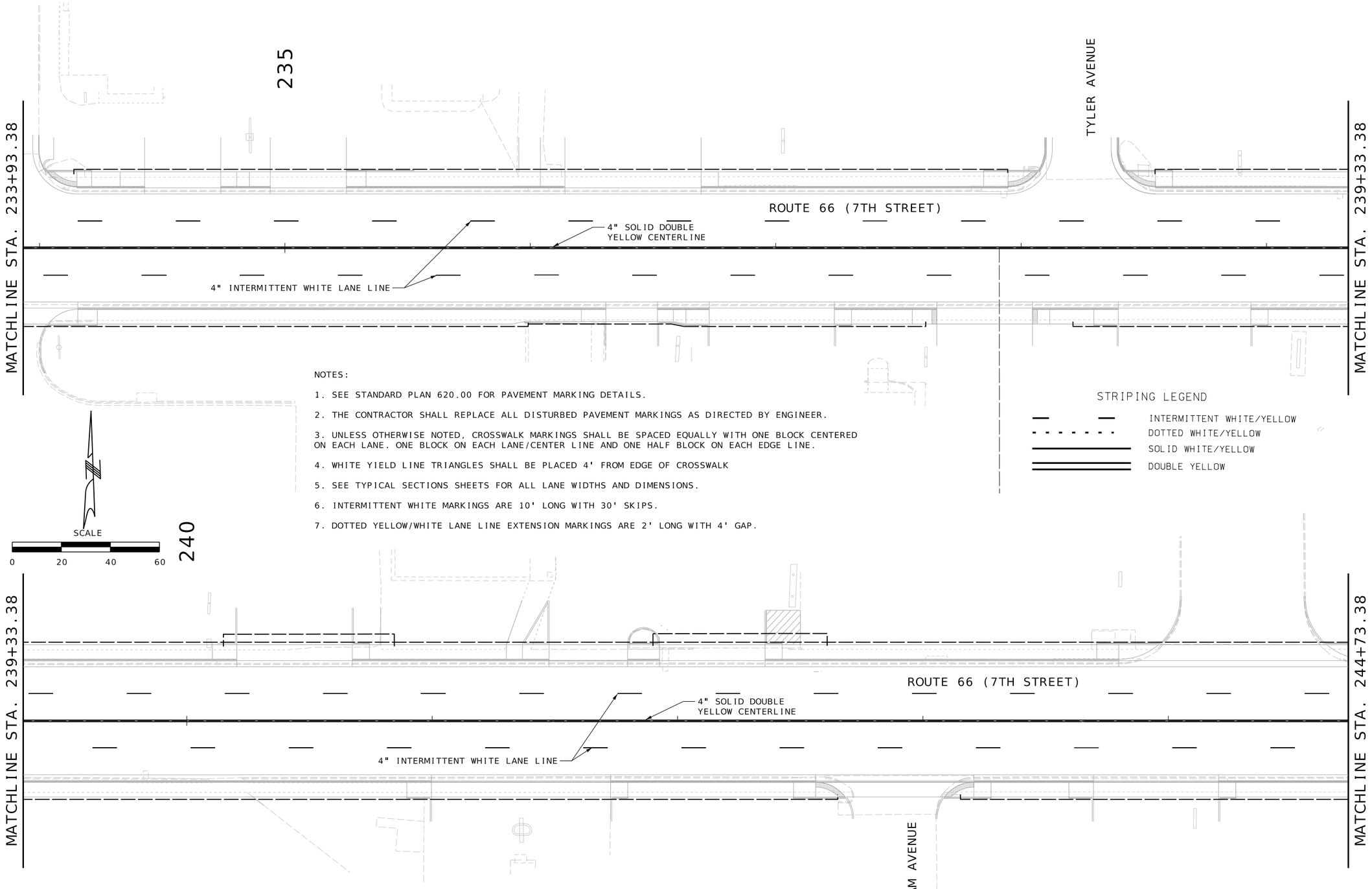

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STRIPING LEGEND

- INTERMITTENT WHITE/YELLOW
- DOTTED WHITE/YELLOW
- SOLID WHITE/YELLOW
- DOUBLE YELLOW

SCALE
0 20 40 60

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	134

COUNTY JASPER
JOB NO. J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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PAVEMENT MARKING
SHEET 5 OF 6

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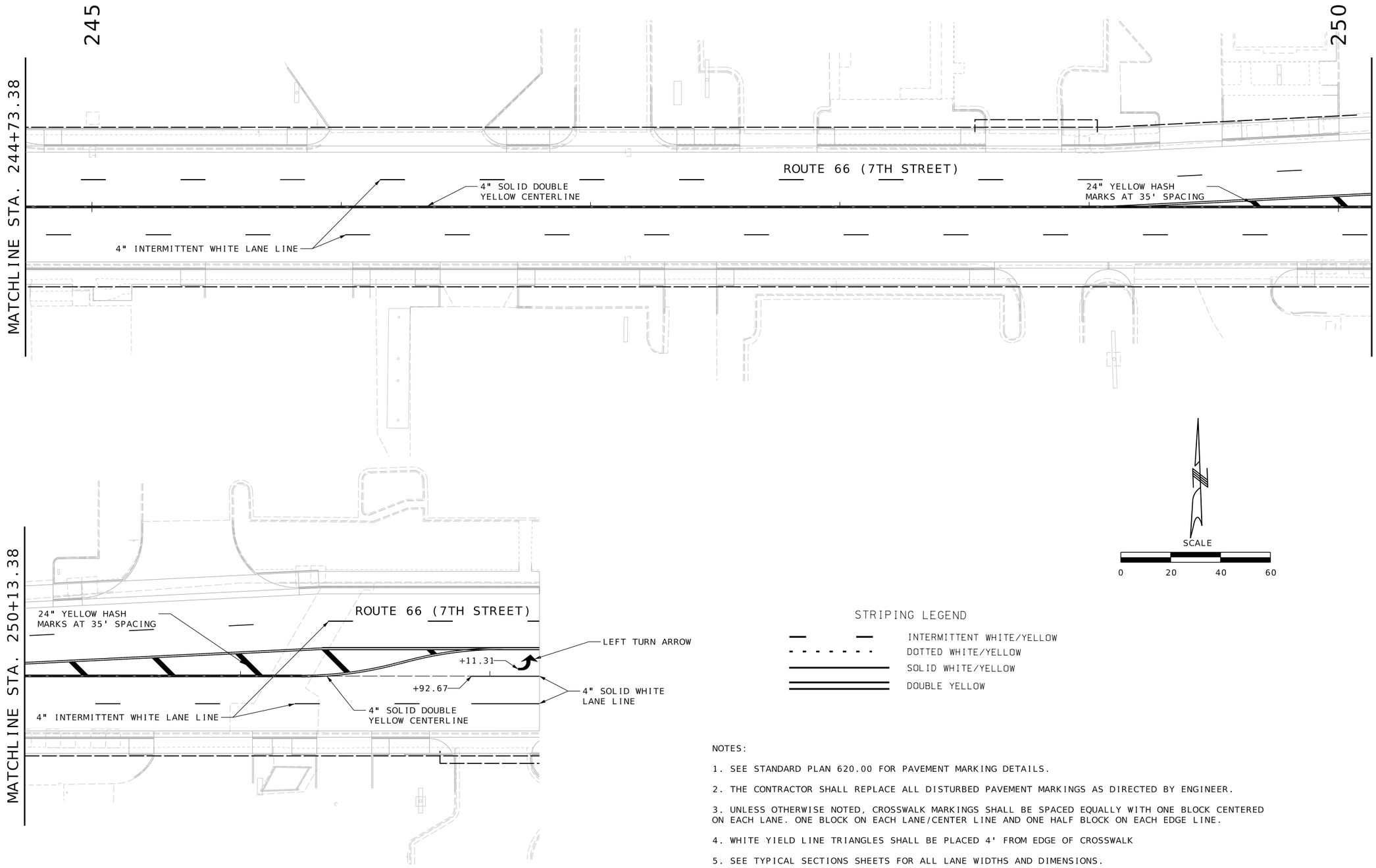

STRIPING LEGEND

- INTERMITTENT WHITE/YELLOW
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PAVEMENT MARKING
SHEET 6 OF 6

JEREMY SCOTT STRETZ
NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	135

COUNTY: JASPER
JOB NO.: J7S2185B&F
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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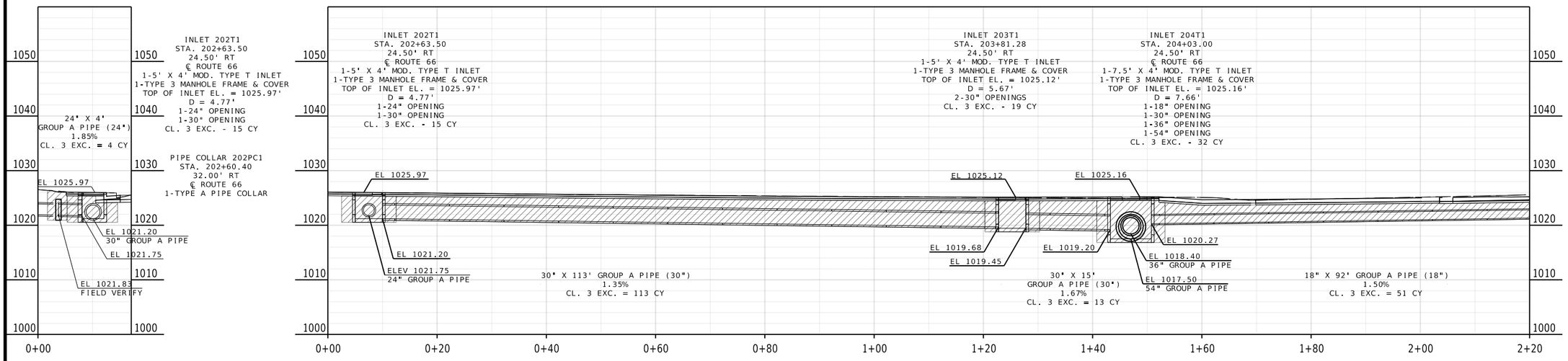

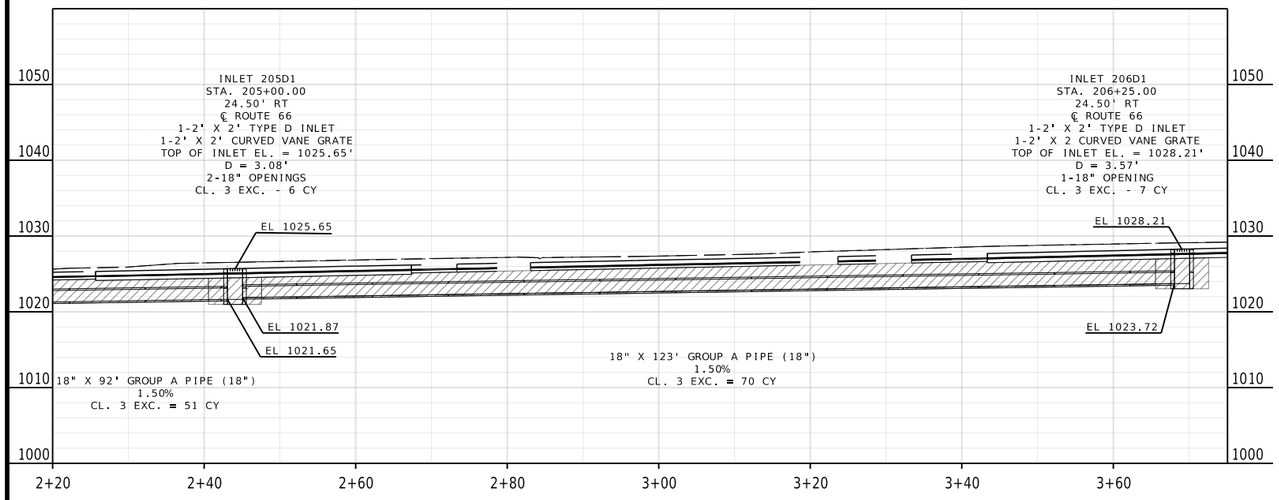

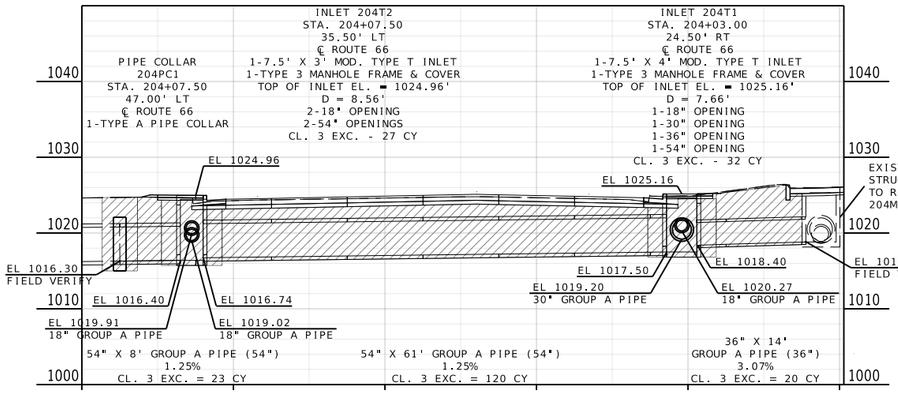

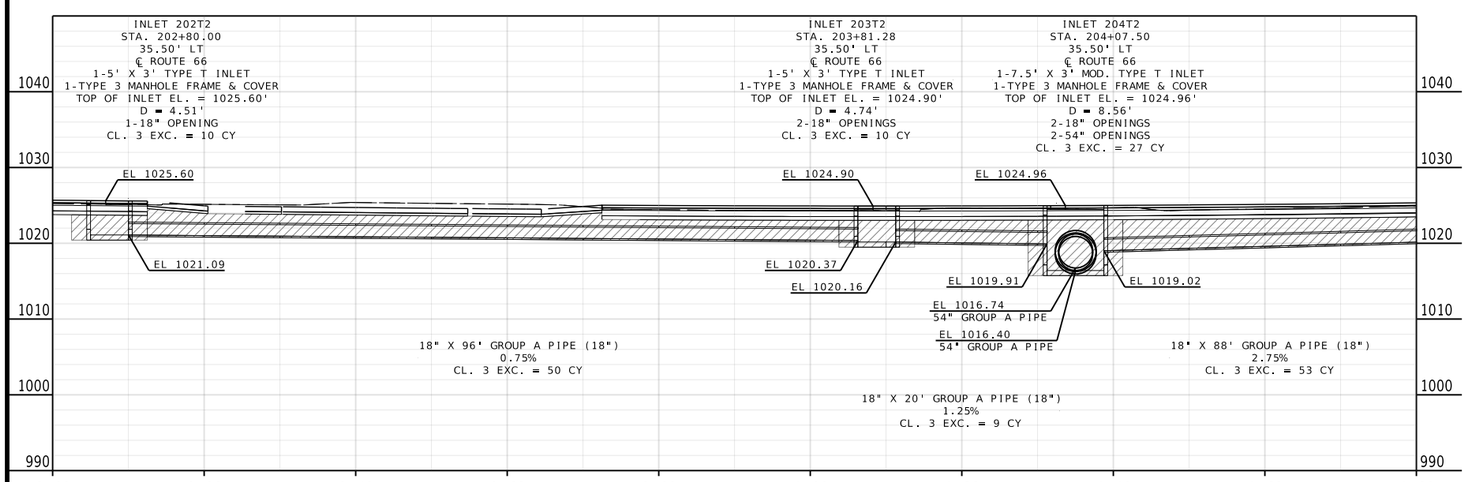

NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET
732.00 FOR FLARED END SECTION

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	136

COUNTY
JASPER
JOB NO.
J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
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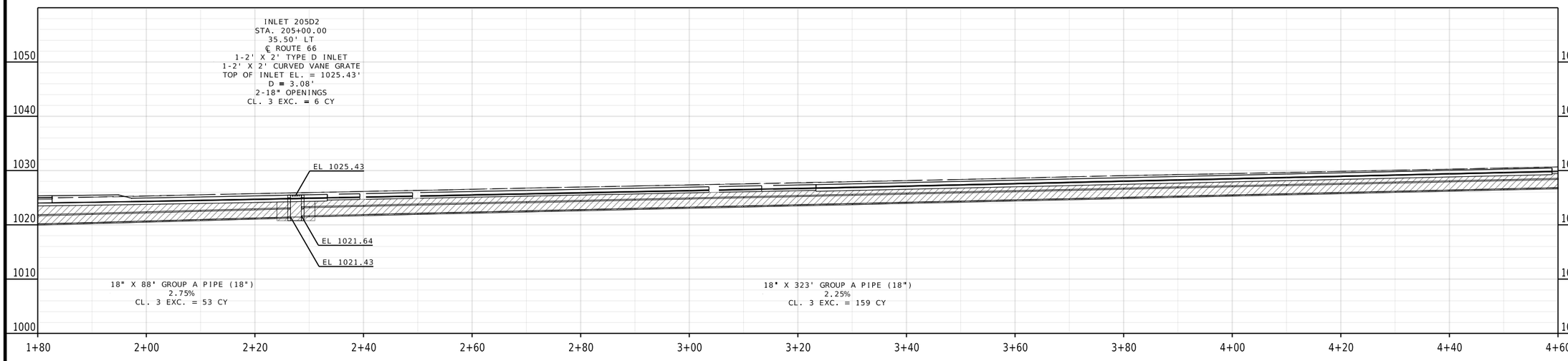
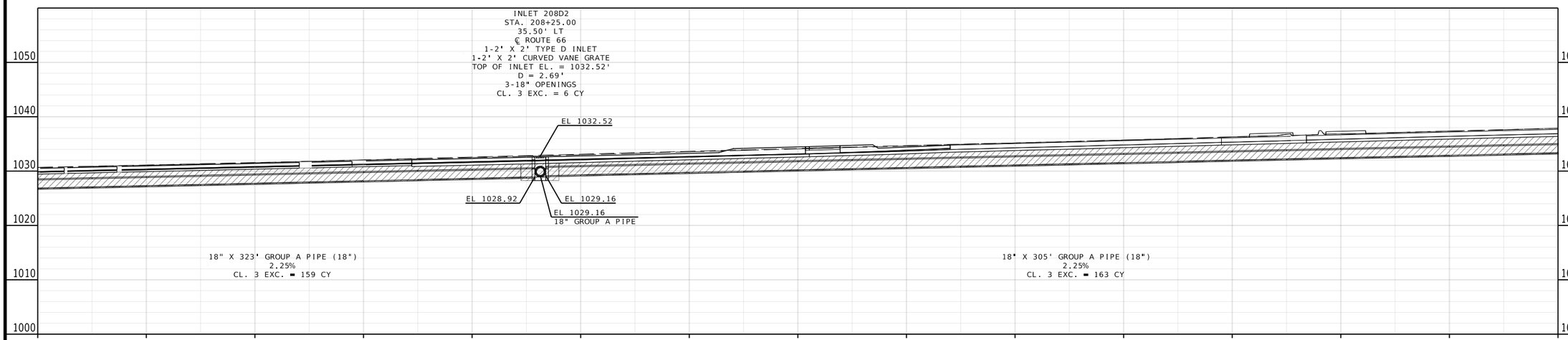
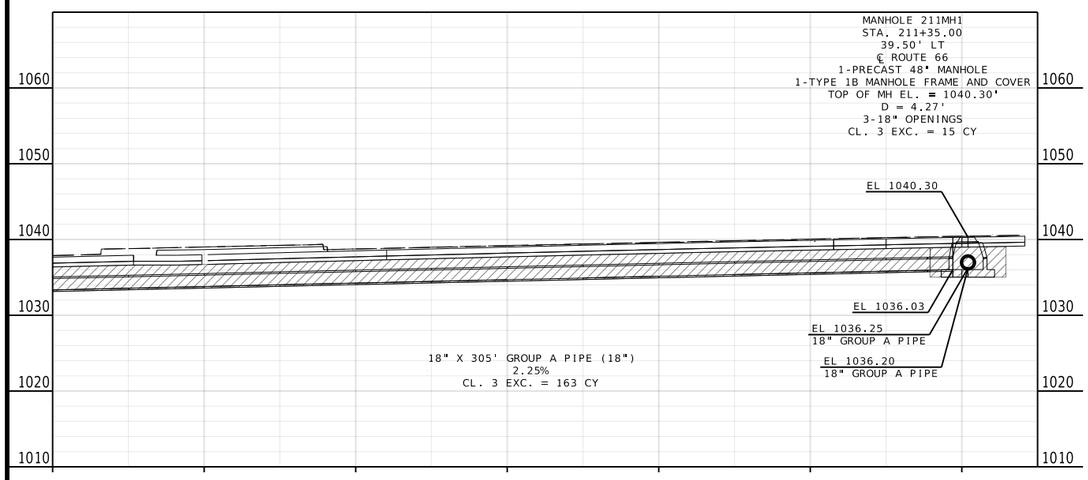
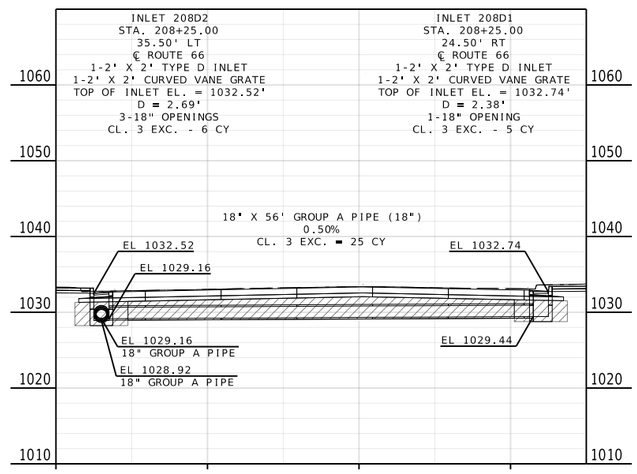
CULVERT SECTION
SHEET 1 OF 9









NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET
732.00 FOR FLARED END SECTION

CULVERT SECTION
SHEET 2 OF 9

REID
BRENNEN CATT
NUMBER
PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	137

COUNTY
JASPER
JOB NO.
J7S2185B&F
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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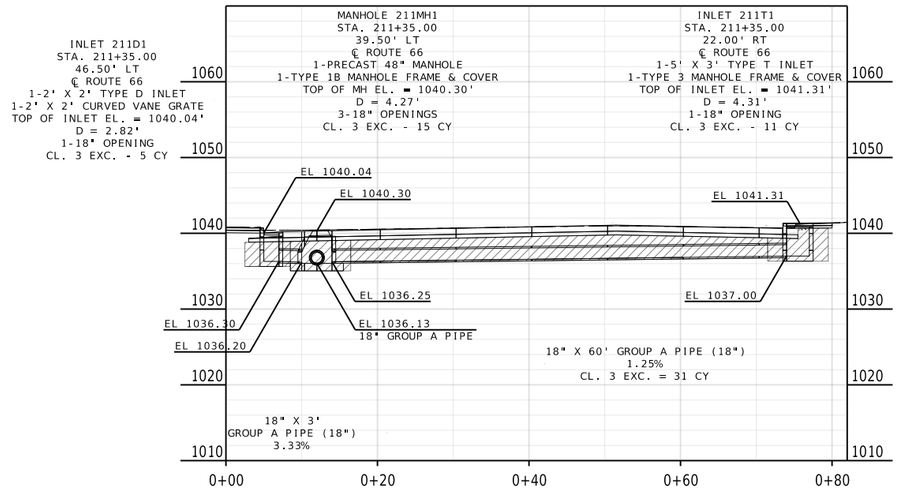

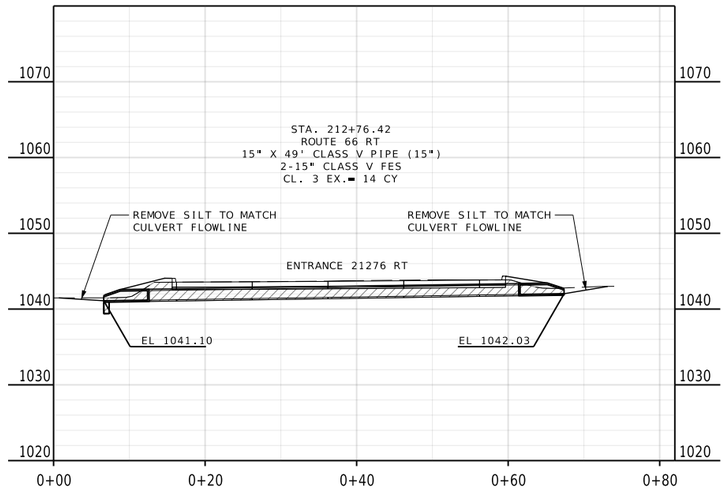

NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
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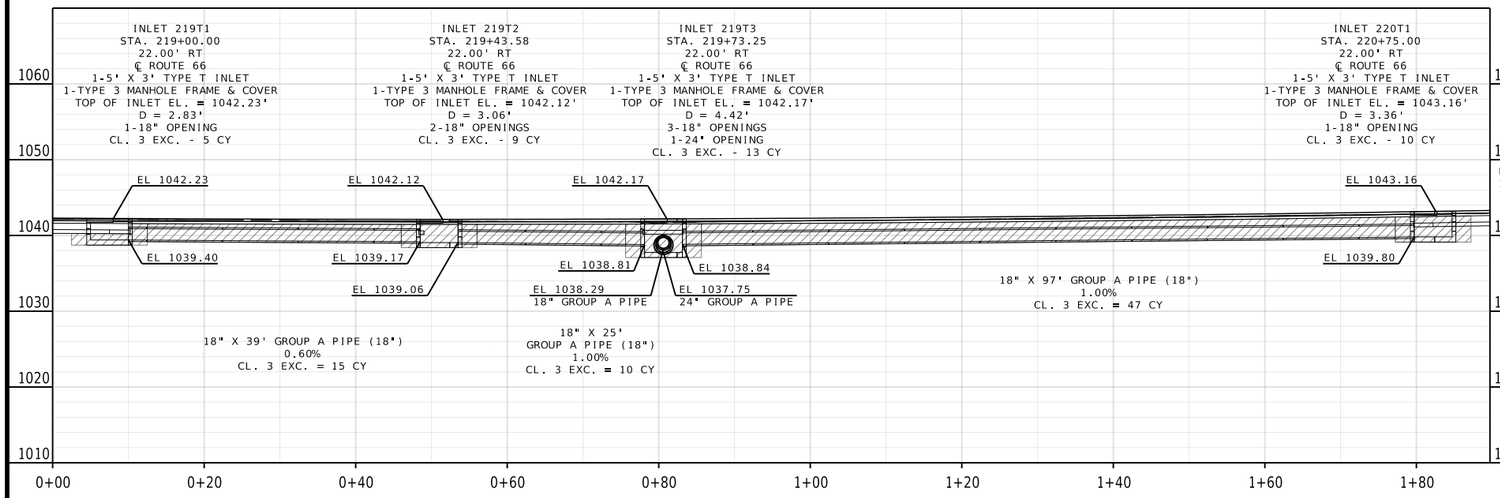
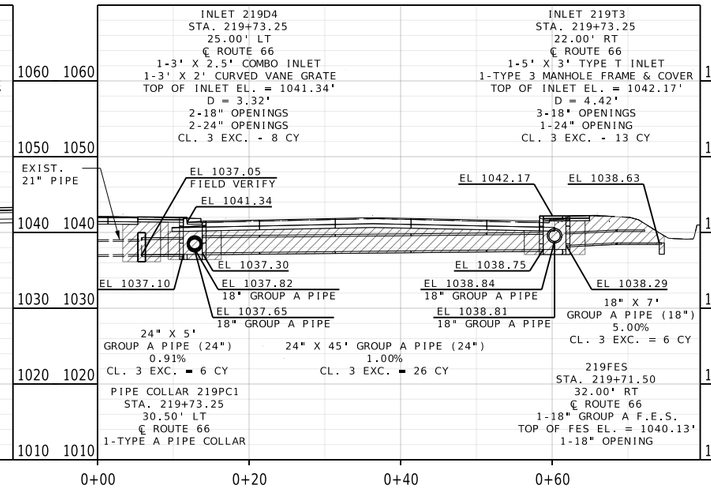
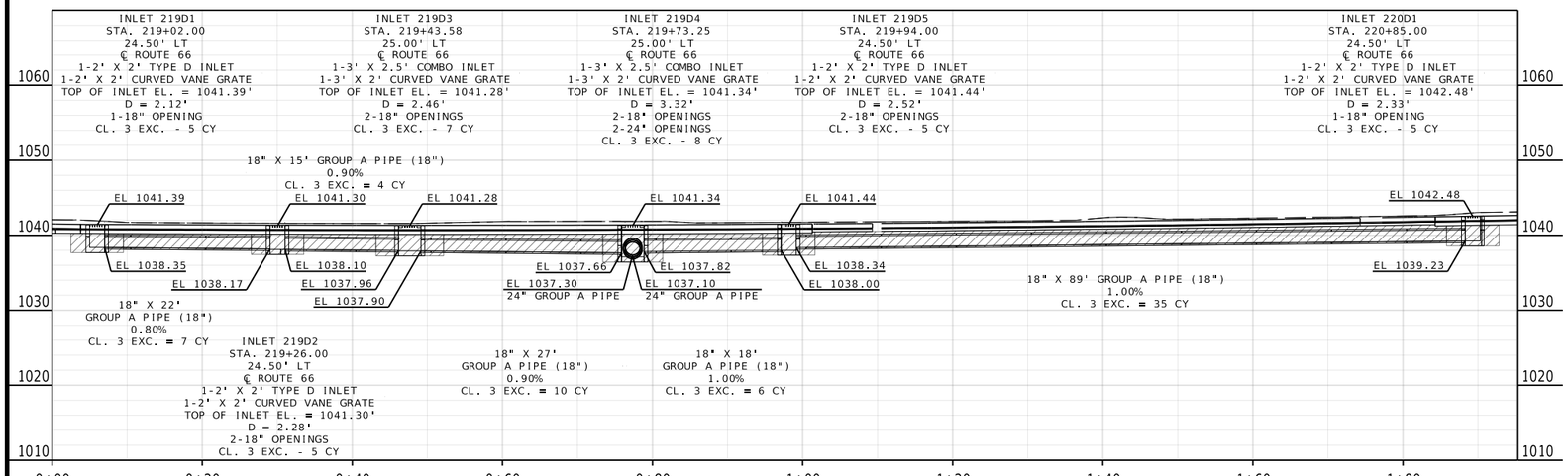
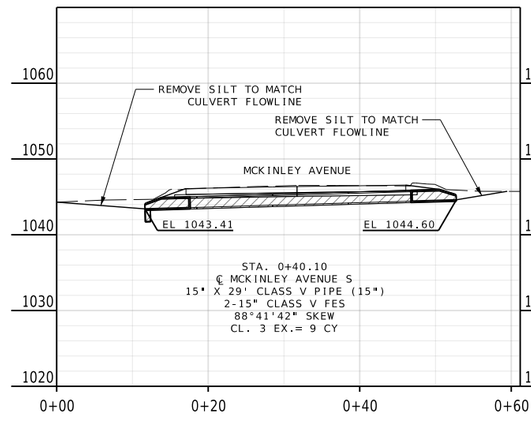
731.10 FOR PRECAST DROP INLET
732.00 FOR FLARED END SECTION









CULVERT SECTION
SHEET 3 OF 9

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	138

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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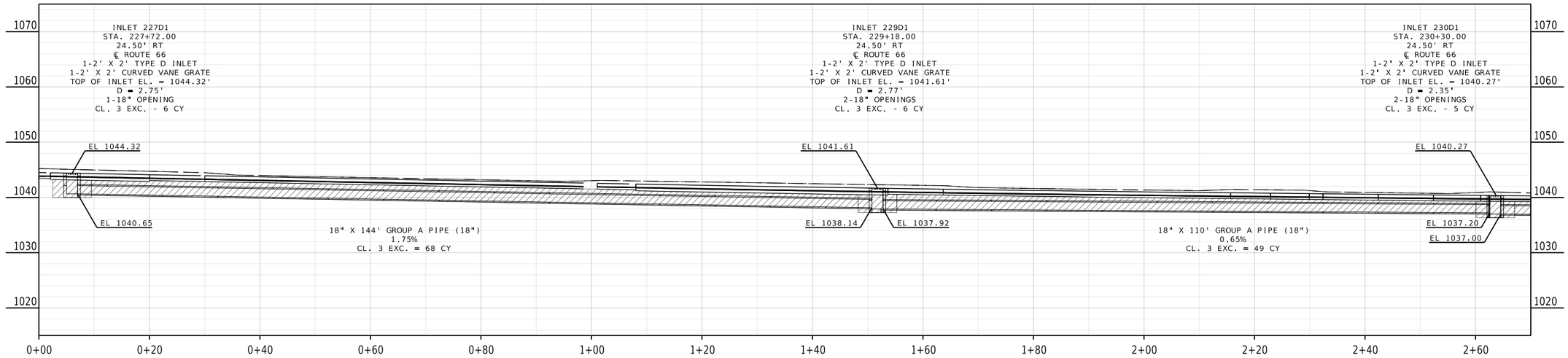
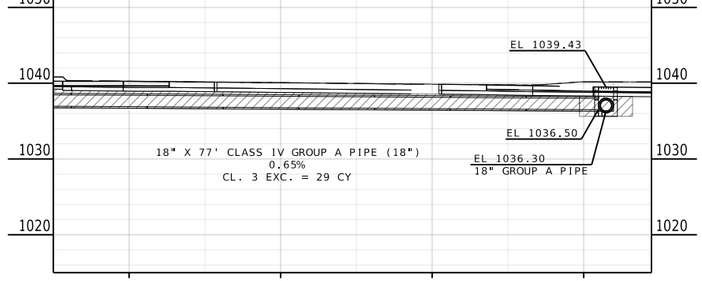
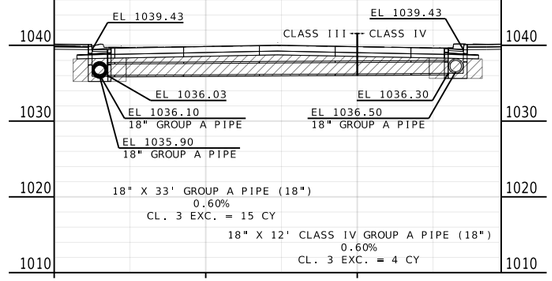
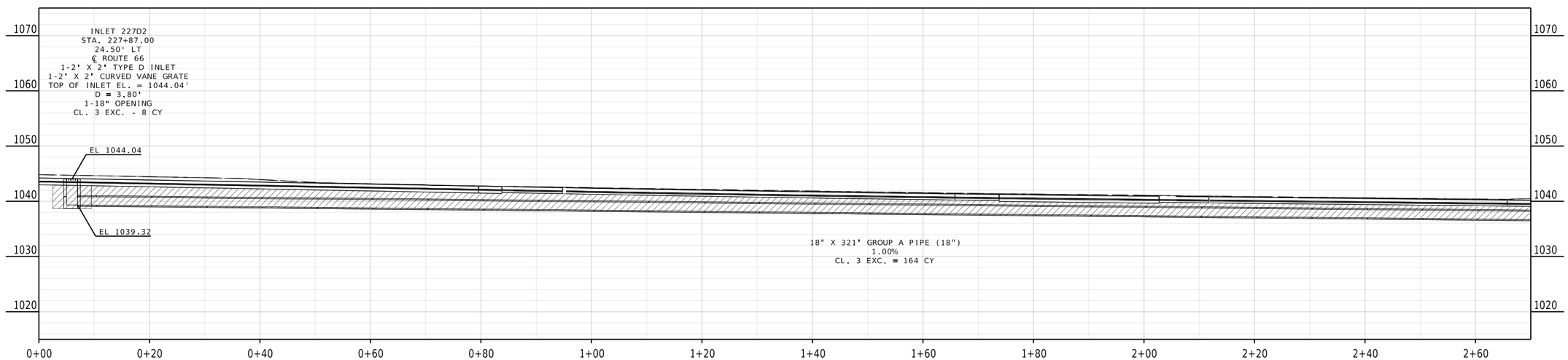






NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET
732.00 FOR FLARED END SECTION



CULVERT SECTION
SHEET 4 OF 9

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	139

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

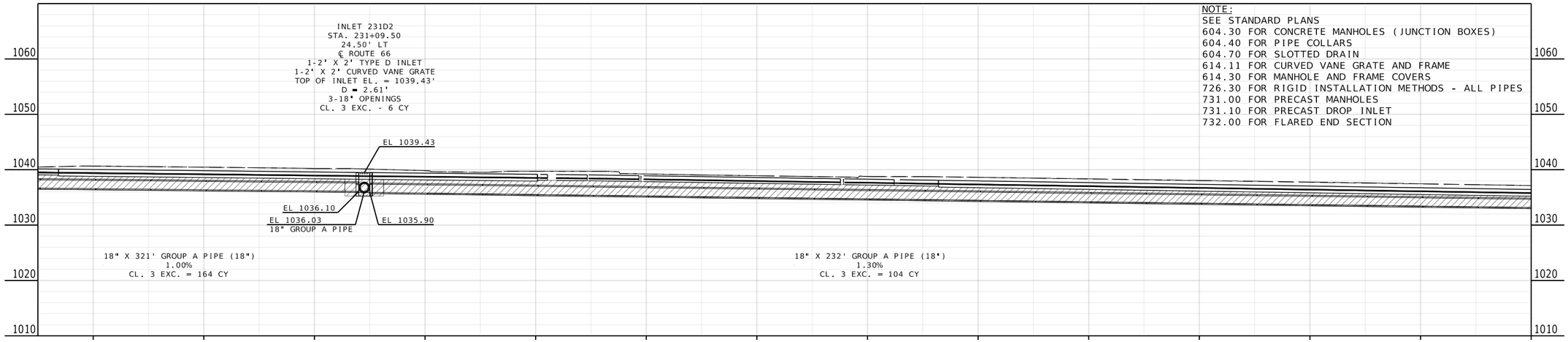
BRIDGE NO.

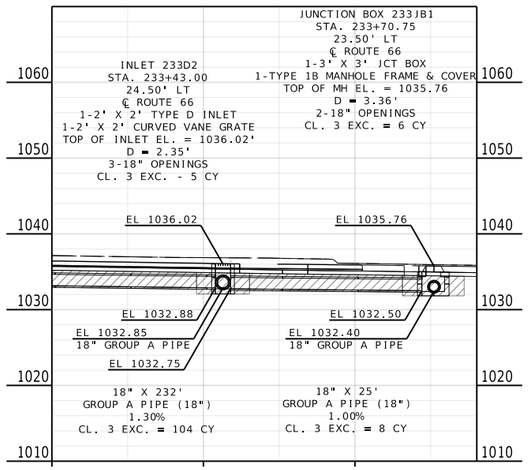
DESCRIPTION	DATE

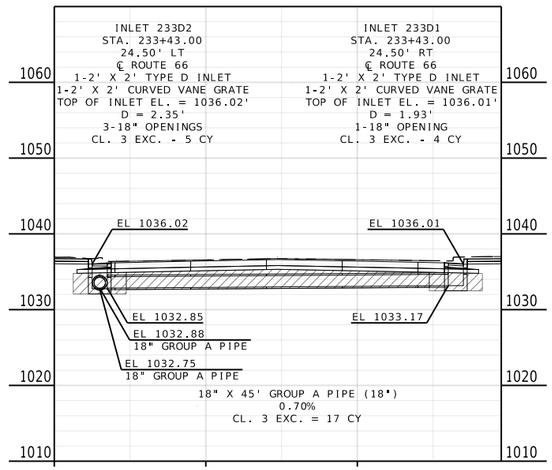
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

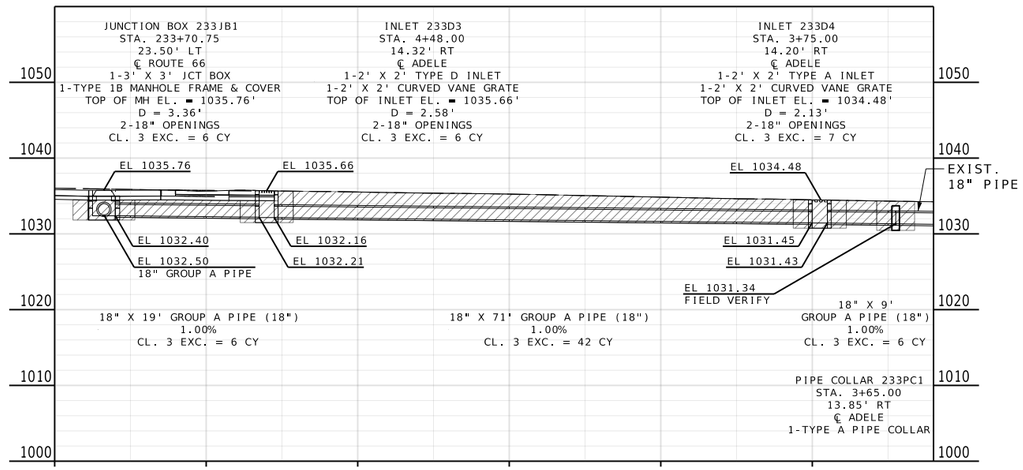
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

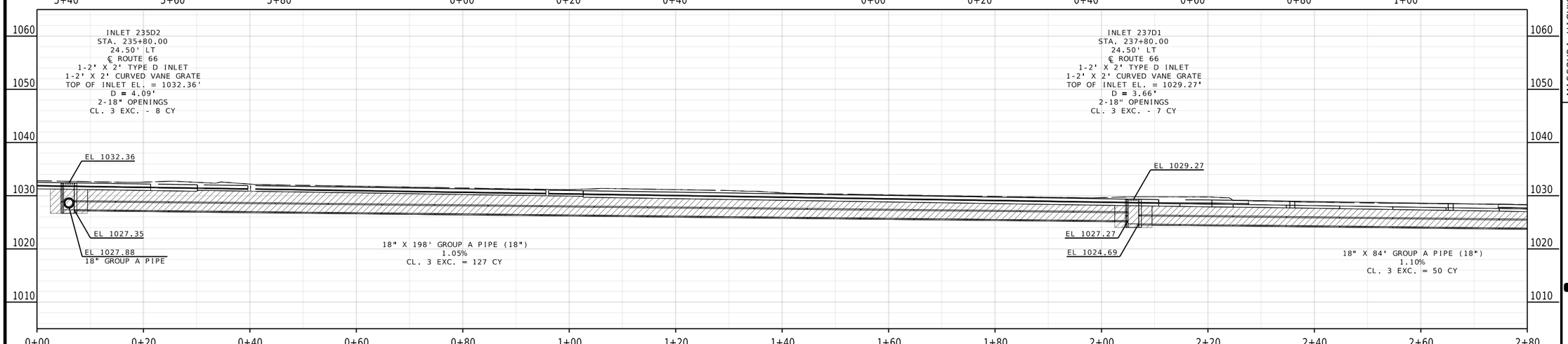
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592











CULVERT SECTION
SHEET 5 OF 9

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	140

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	141

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
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SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

CULVERT SECTION
SHEET 6 OF 9

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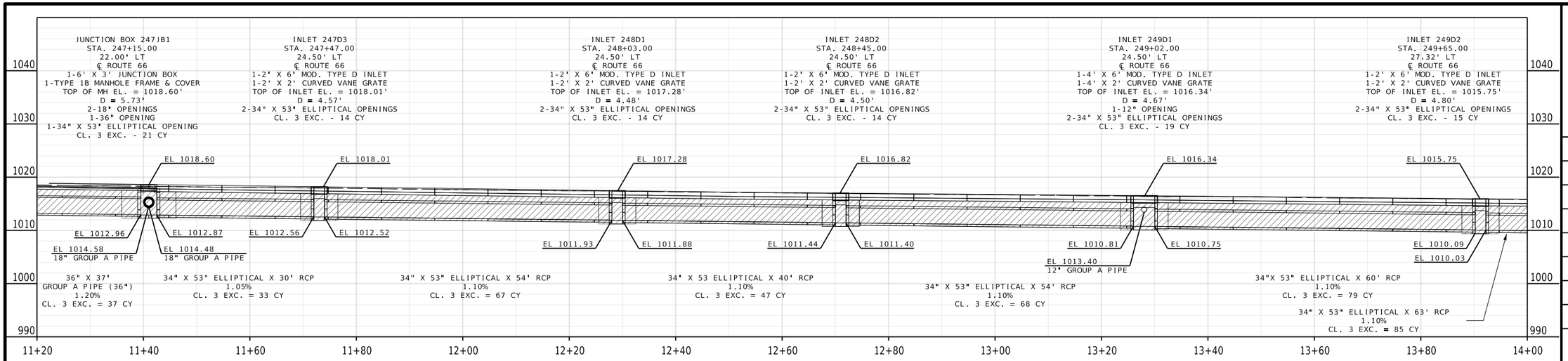
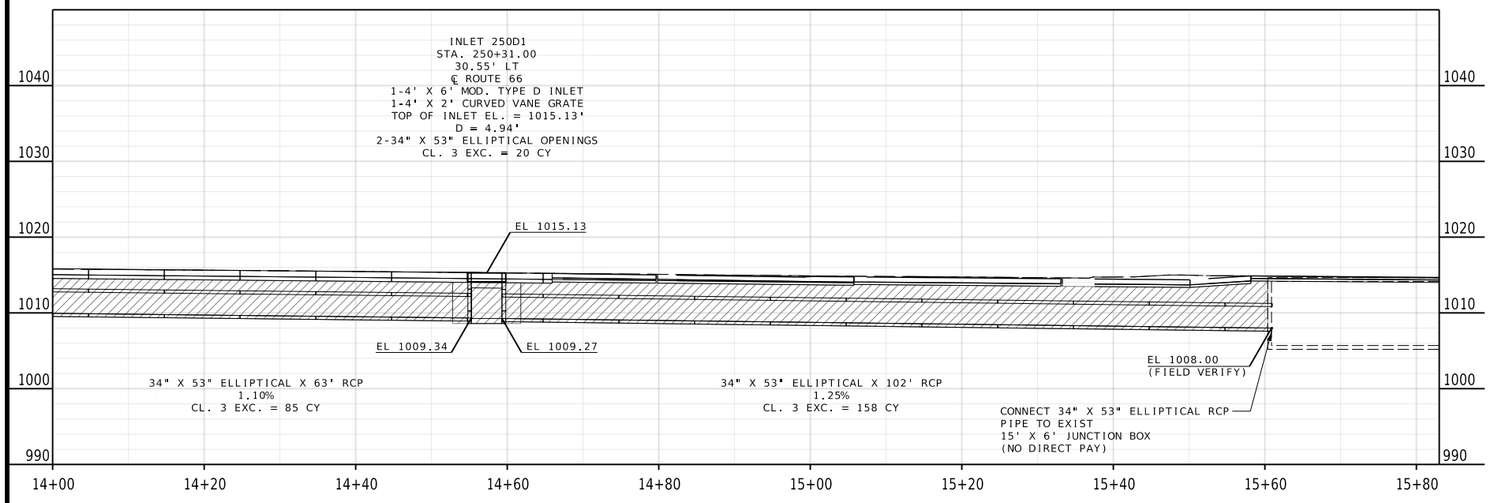
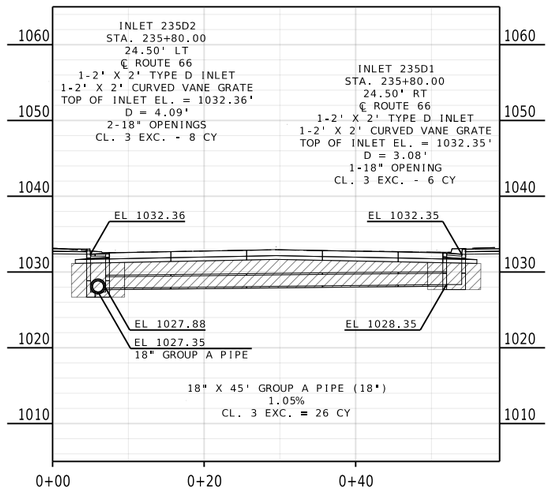
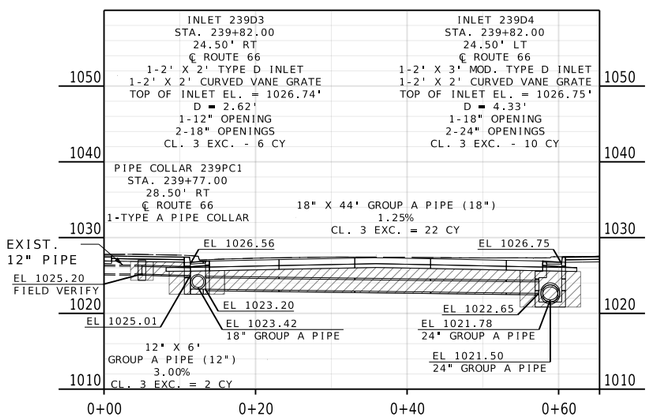
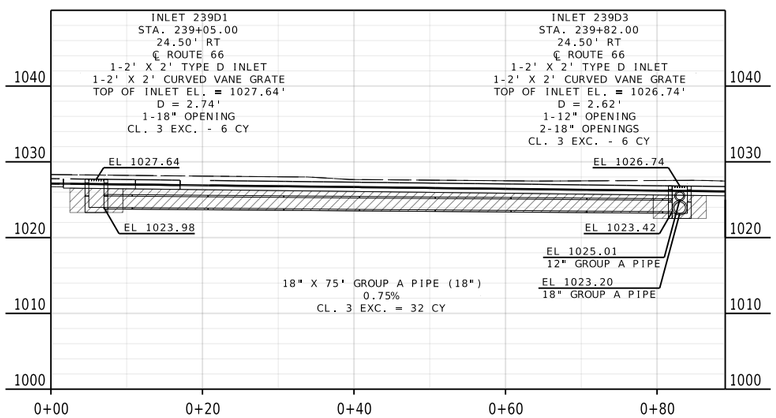










NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET
732.00 FOR FLARED END SECTION

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	142

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

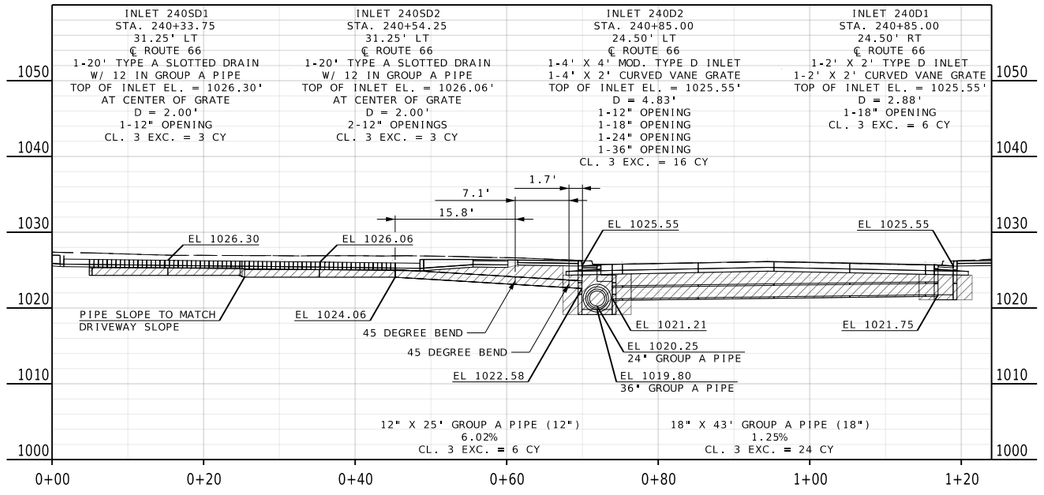
DESCRIPTION | DATE

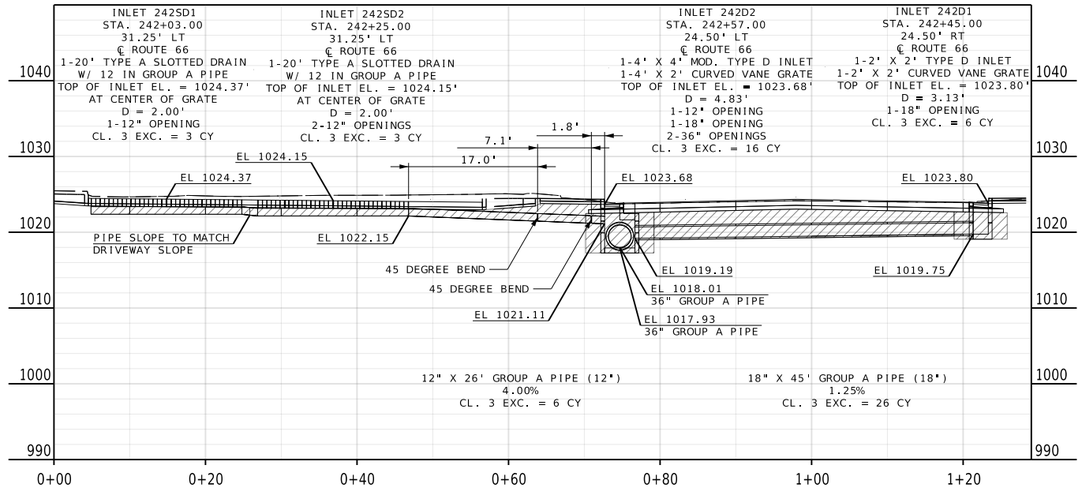
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

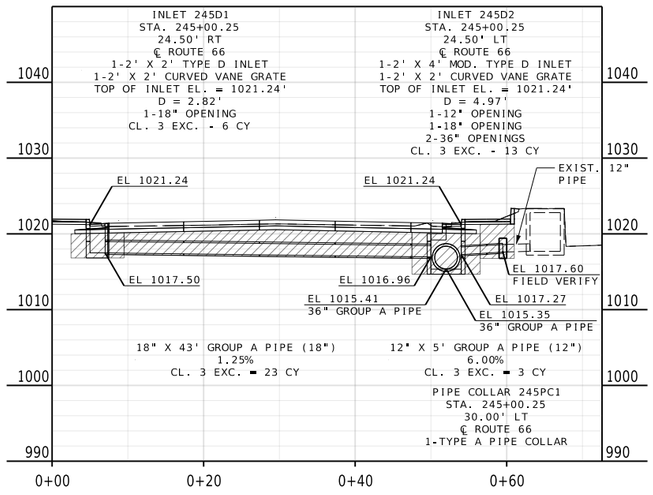
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

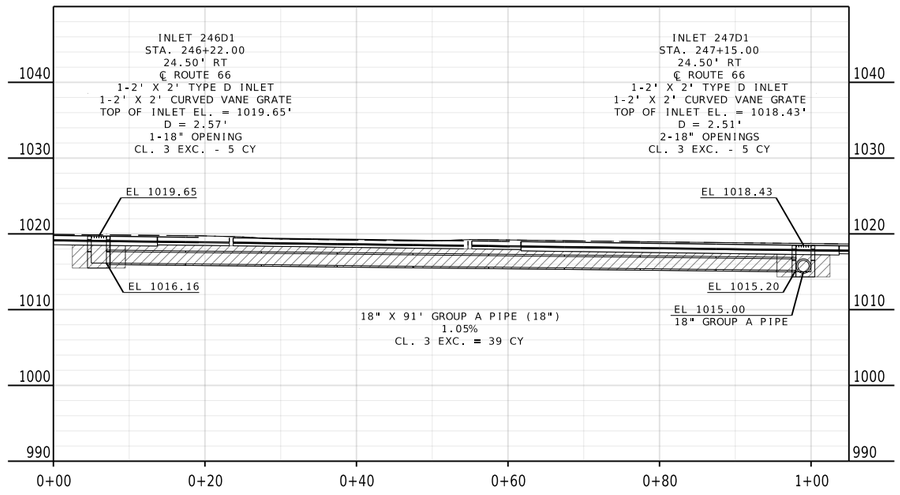
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

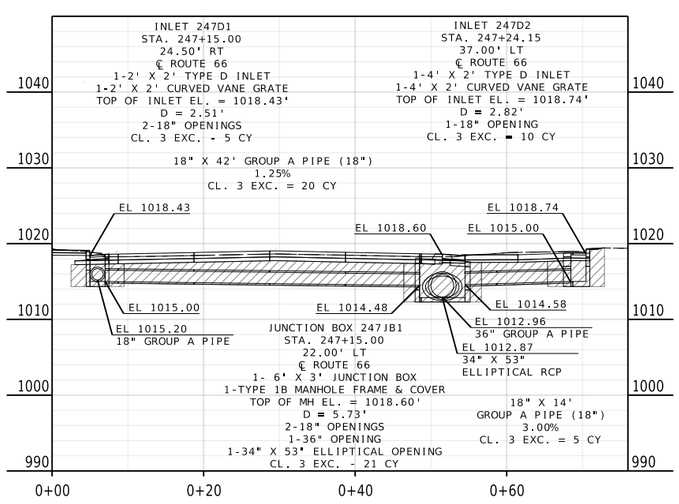
CULVERT SECTION
SHEET 7 OF 9

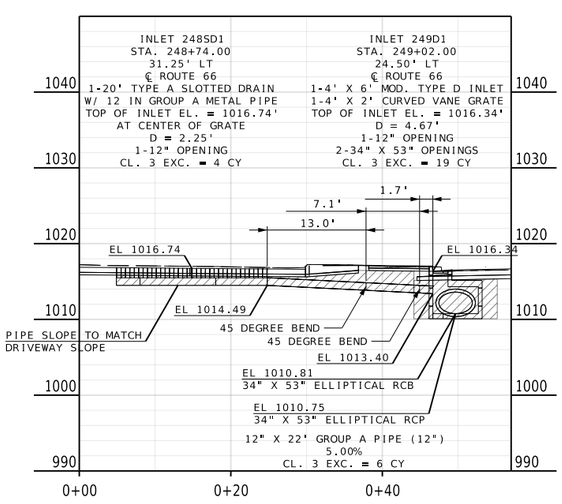












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604.40 FOR PIPE COLLARS
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731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET
732.00 FOR FLARED END SECTION

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	143

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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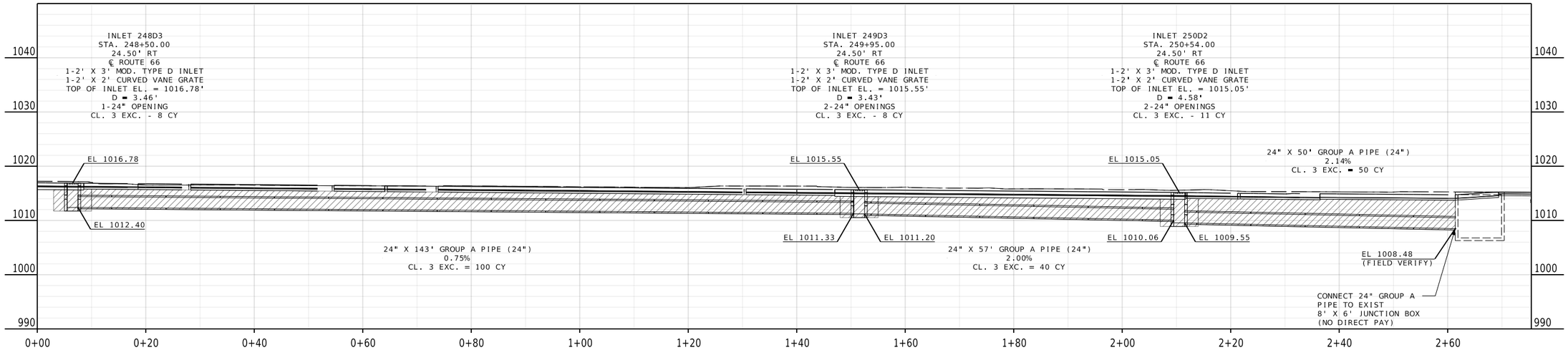
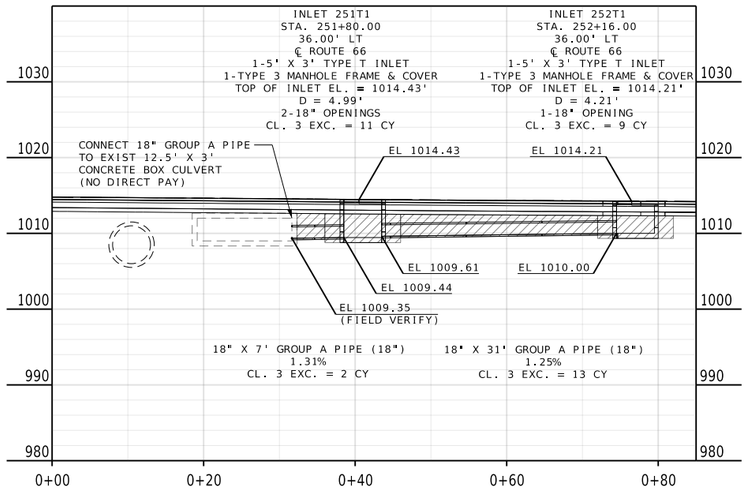
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

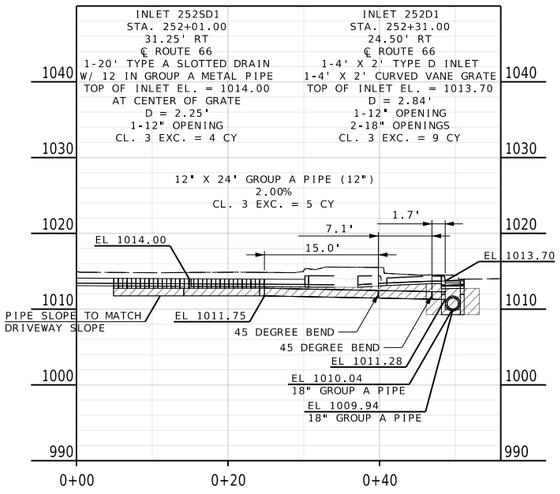
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

CULVERT SECTION
SHEET 8 OF 9







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731.00 FOR PRECAST MANHOLES
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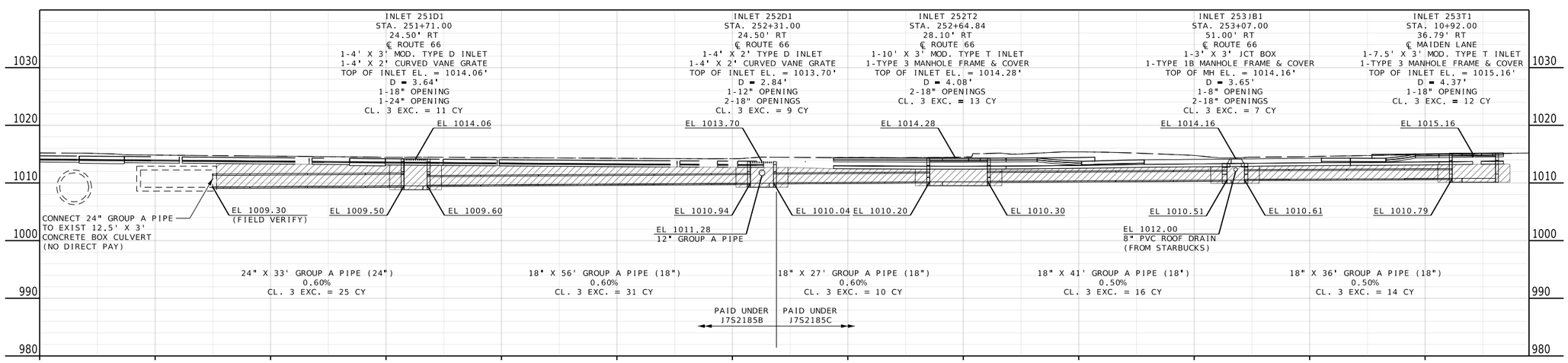
732.00 FOR FLARED END SECTION



CULVERT SECTION
SHEET 9 OF 9

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	144

COUNTY
JASPER

JOB NO.
J7S2185B&F

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

DESIGN DESIGNATION

A.A.D.T. - 2024 = 15,187
A.A.D.T. - 2044 = 16,780
D.H.V. = 9%
T = 5.0%
V = 35 M.P.H.
(EB/WB) = 48%/52%
FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

NORMAL RIGHT OF WAY
TO BE ACQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		-V-
WOVEN WIRE		-X-
GATE POST		
BENCHMARK		

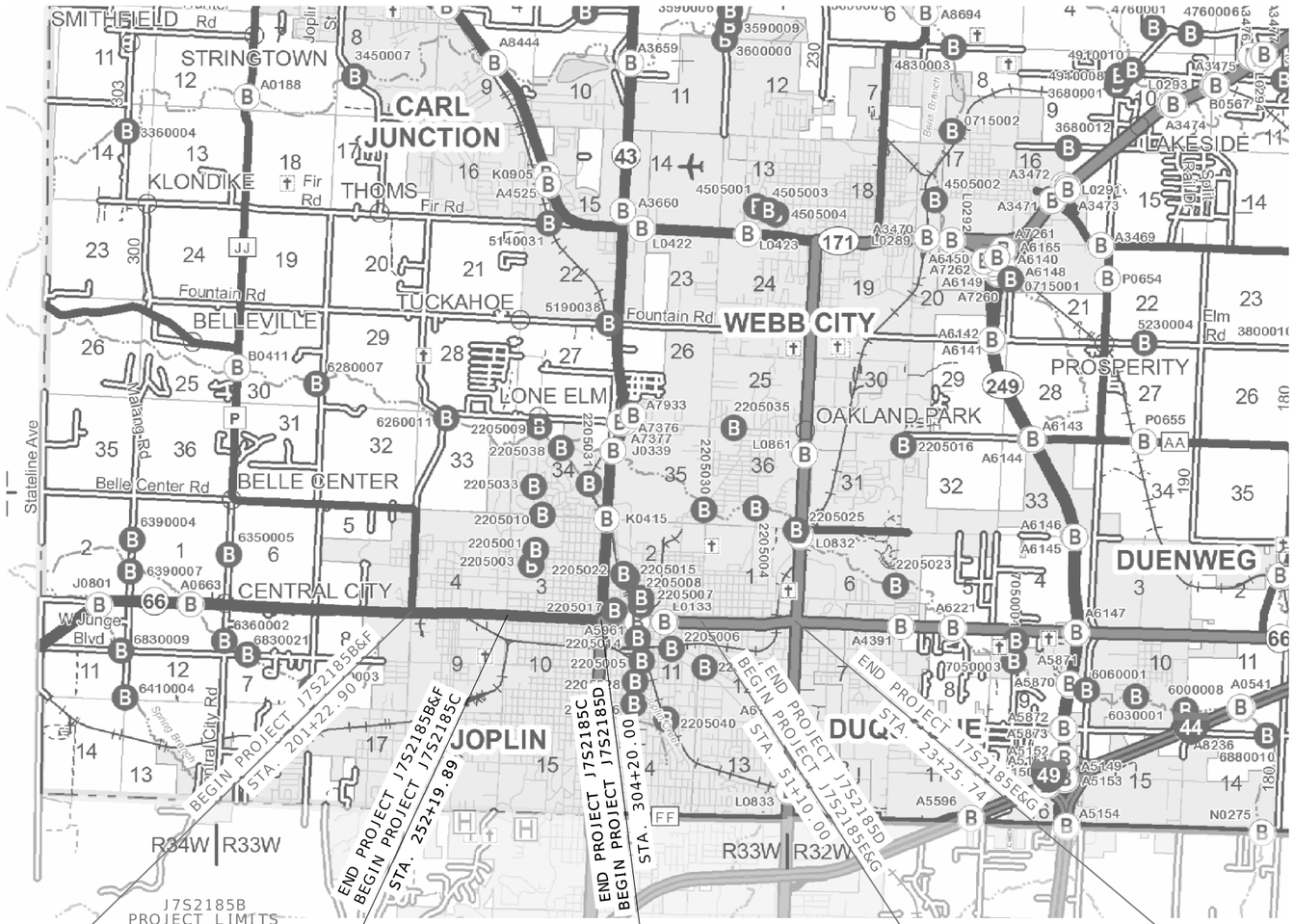
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED
STATE HIGHWAY
JASPER COUNTY
SECTIONS 3-5 & SECTIONS 8-10
T27N, R33W



KEY MAP
LOCATION OF JASPER COUNTY



NOT TO SCALE

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

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QUANTITIES (QU) (22 SHEETS)	3
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RIGHT OF WAY (RW)	15-24
REFERENCE POINTS (RP)	25
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LENGTH OF PROJECT

J7S2185C ROUTE 66

BEGINNING OF PROJECT	STA.	252+19.89
END OF PROJECT	STA.	304+20.00
APPARENT LENGTH		5200.11 FEET
EQUATIONS AND EXCEPTIONS:		NONE
TOTAL CORRECTIONS		0.0 FEET
NET LENGTH OF PROJECT		5200.11 FEET
STATE LENGTH		0.985 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES		8.803 ACRES

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

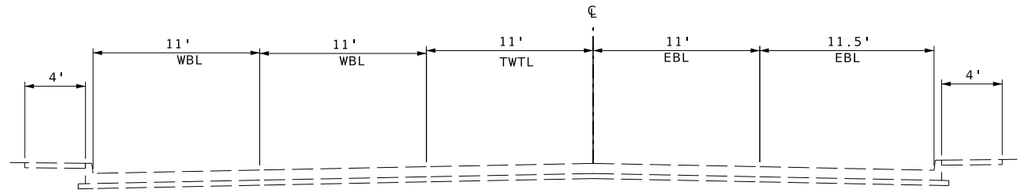
DATE PREPARED: 8/8/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 1
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

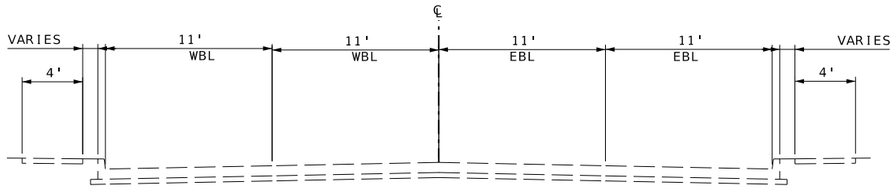
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

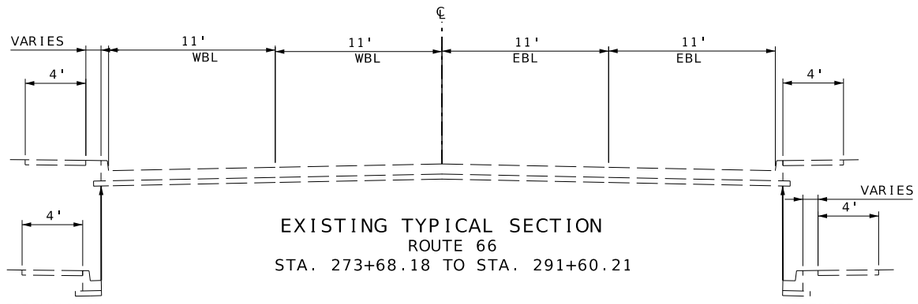
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592



EXISTING TYPICAL SECTION
ROUTE 66
STA. 252+19.89 TO STA. 259+02.42



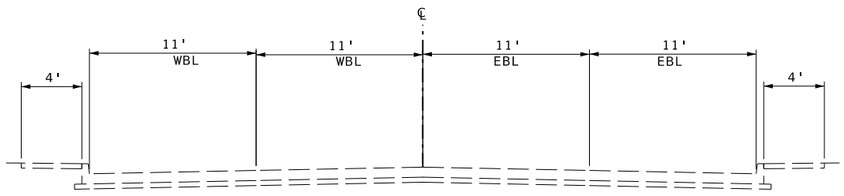
EXISTING TYPICAL SECTION
ROUTE 66
STA. 259+02.42 TO STA. 273+68.18



EXISTING TYPICAL SECTION
ROUTE 66
STA. 273+68.18 TO STA. 291+60.21

SIDEWALK ON
BACK OF CURB
STA. 277+62.80 TO STA. 281+75.15

GREENSPACE ON
BACK OF CURB
STA. 281+75.15 TO STA. 291+60.21



EXISTING TYPICAL SECTION
ROUTE 66
STA. 291+60.21 TO STA. 304+20.00

TYPICAL SECTION
SHEET 1 OF 11

REID BRENNEN CATT
NUMBER
PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

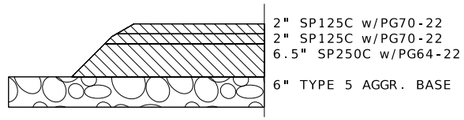
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

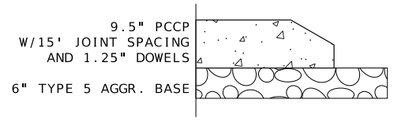
NOTE:
CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.

SUBGRADE PROFILE AND CROSS SECTIONS ARE DESIGNED FOR THE THINNER PAVEMENT DESIGN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PROFILE GRADE FOR EITHER PAVEMENT DESIGN WITH NO DIRECT PAY. CROSSROAD STRUCTURES ARE DESIGNED TO ACCOMMODATE A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

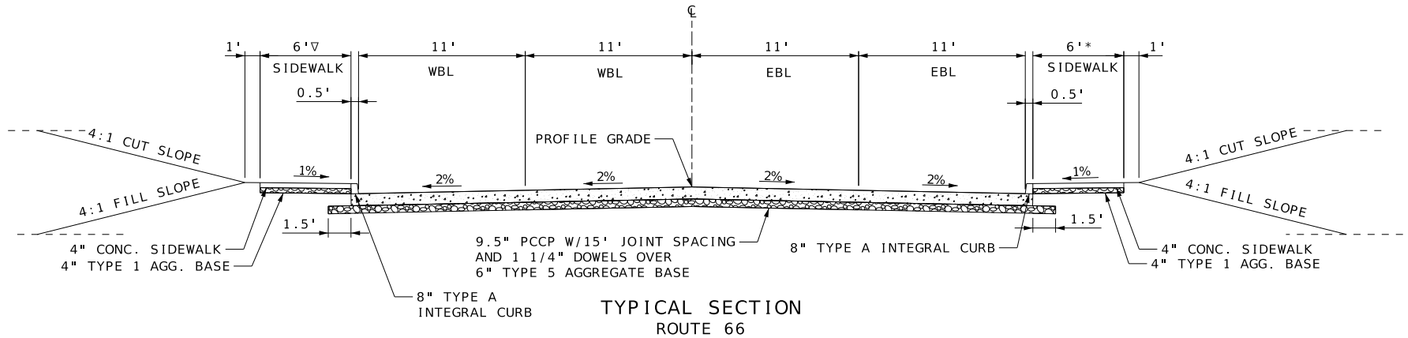
ROUTE 66 ALTERNATE PAVEMENT DESIGN



ALTERNATE C

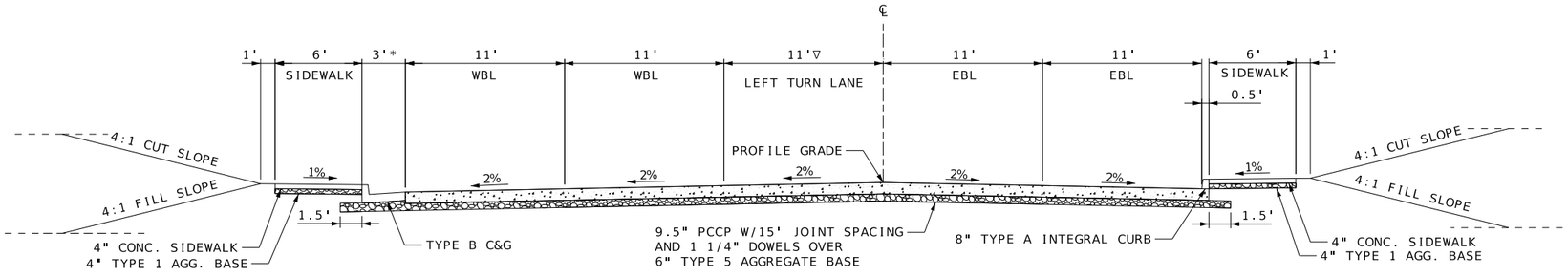


ALTERNATE D



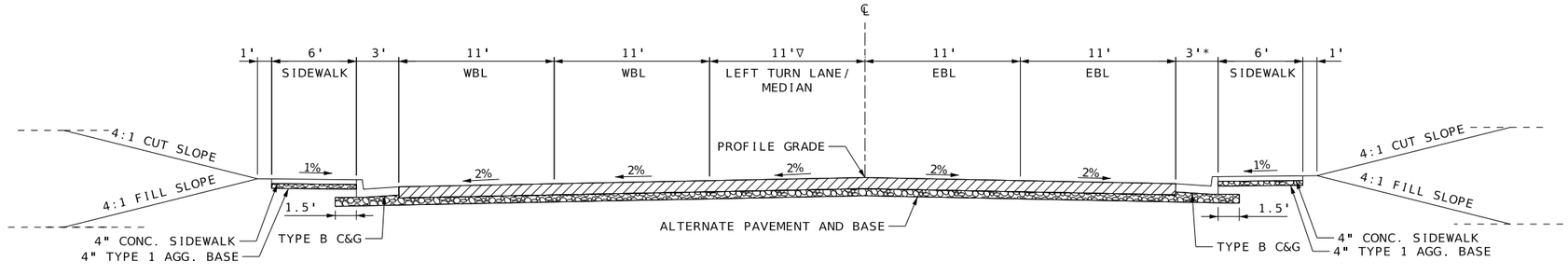
TYPICAL SECTION
ROUTE 66
STA. 259+13.84 TO STA. 299+92.18

▽ STA. 292+03.00 TO STA. 292+28.00 AND 296+18.41 TO STA. 296+43.41, SIDEWALK WIDTH VARIES
STA. 292+28.00 TO STA. 296+18.41, NO NEW SIDEWALK
* STA. 293+53.08 TO STA. 294+47.86, 5.5' SIDEWALK
STA. 299+02.53 TO STA. 301+16.30, 7' SIDEWALK



TYPICAL SECTION
ROUTE 66
STA. 256+63.36 TO STA. 259+13.84

▽ STA. 256+52.06 TO STA. 258+77.06, TRANSITION FROM 11' TO 0'
* STA. 258+63.84 TO STA. 259+13.84, TRANSITION FROM TYPE B C&G TO TYPE A INTEGRAL CURB



TYPICAL SECTION
ROUTE 66
STA. 252+19.89 TO STA. 256+63.36

▽ STA. 256+52.06 TO STA. 258+77.06, TRANSITION FROM 11' TO 0'
* STA. 256+13.36 TO STA. 256+63.36, TRANSITION FROM TYPE B C&G TO TYPE A INTEGRAL CURB

ALTERNATE PAVEMENT

TYPICAL SECTION
SHEET 2 OF 11

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

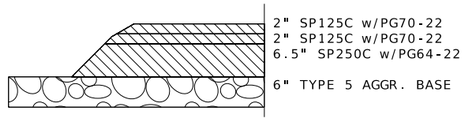
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

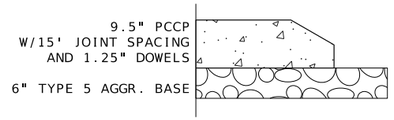
NOTE:
CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.

SUBGRADE PROFILE AND CROSS SECTIONS ARE DESIGNED FOR THE THINNER PAVEMENT DESIGN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PROFILE GRADE FOR EITHER PAVEMENT DESIGN WITH NO DIRECT PAY. CROSSROAD STRUCTURES ARE DESIGNED TO ACCOMMODATE A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

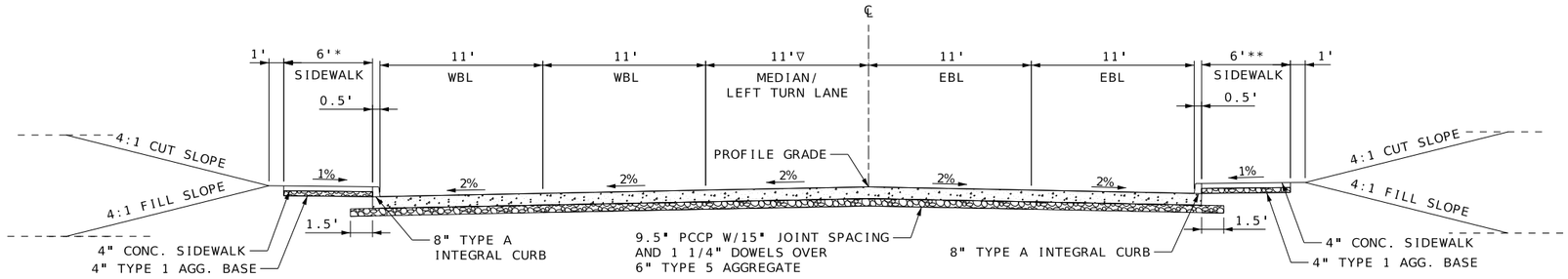
ROUTE 66 ALTERNATE PAVEMENT DESIGN



ALTERNATE C



ALTERNATE D



TYPICAL SECTION
ROUTE 66
STA. 299+92.18 TO STA. 304+20.00

▽ STA. 299+92.78 TO STA. 302+17.78, TRANSITION FROM 0' TO 11'
* STA. 302+17.17 TO STA. 304+20.00, 10' SIDEWALK
** STA. 299+02.53 TO STA. 301+16.30, 7' SIDEWALK

ALTERNATE PAVEMENT

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 8/8/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

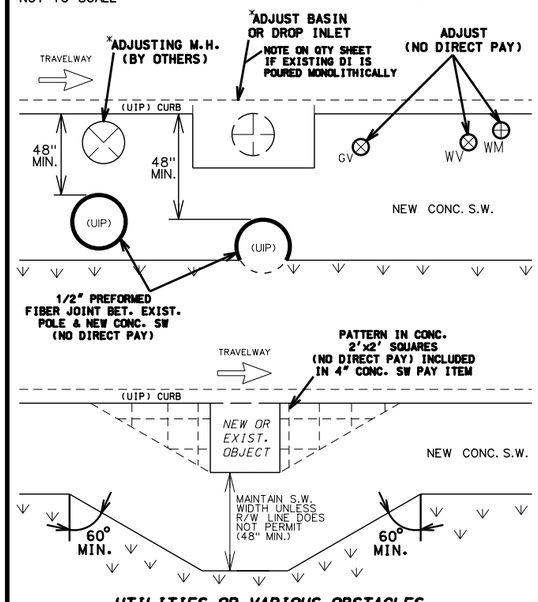
TYPICAL SECTION
SHEET 3 OF 11

1. CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 609.00.
2. TINTED CONCRETE SHALL NOT BE USED. TRUNCATED DOMES SHALL BE OF A COLOR CONTRASTING WITH UNTINTED CONCRETE AND APPROVED BY THE ENGINEER. TRUNCATED DOMES ARE REQ'D. AT STREET INTERSECTIONS AND COMMERCIAL ENTRANCES WITH TRAFFIC CONTROL ONLY. (STOP/YIELD SIGNS OR SIGNALS)
3. CONCRETE SHALL BE IN ACCORDANCE WITH SEC. 608 & SEC. 609. CURING COMPOUND SHALL BE TRANSPARENT.
4. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE 4" THICK, WITH THE EXCEPTION OF THE BOTTOM TRANSITION WHICH TIES INTO THE EXISTING PAVED APPROACH AND ROADWAY. THIS TRANSITION, OR LANDING AREA, MUST BE 8" THICK IF IT FALLS WITHIN THE RADIUS OF THE APPROACH AND SITS AT THE BACK OF CURB OF THE ROADWAY. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE ON 4" TYPE 1 AGGREGATE BASE.
5. AGGREGATE BASE DENSITY - CONTRACTOR SHALL EXERCISE GOOD COMPACTIVE EFFORT AS APPROVED BY THE ENGINEER. DENSITY REQUIREMENTS BY NUCLEAR METHOD WILL NOT BE REQUIRED DUE TO WORK AREA CONSTRAINTS.
6. CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (16' MAX.)
   RUNNING SLOPE = >5% (MIN.) TO 8.33% (MAX.) UNIFORMLY DOWN THE LENGTH OF THE RAMP.

   CONCRETE LANDING - WIDTH = TO MATCH PROPOSED CURB RAMP AND SIDEWALK WIDTH LENGTH = 5' MIN.
   SLOPE IN ALL DIRECTIONS = 1% PREFERRED (2% MAX.) UNLESS TIED TO ROADWAY EXCEPTION.
7. ALL EXISTING UTILITIES SHALL BE USED IN PLACE UNLESS OTHERWISE NOTED. ALL MANHOLE OR VALVE COVER, ETC. ELEVATIONS SHALL BE ADJUSTED AS REQUIRED IF THEY ARE LOCATED WITHIN THE IMPROVEMENT AREA.
8. "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1057 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
9. REINFORCING STEEL TIE BARS SHALL BE IN ACCORDANCE WITH SECTION 706. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND USED AS APPROVED BY THE ENGINEER. WHERE TIE BARS ARE USED, THE CONCRETE SHALL BE 8" THICK (NO DIRECT PAY).
10. CONSTRUCTION AND LENGTH OF EACH CURB RAMP INCLUDING LANDINGS AND TRANSITION AREAS SHALL BE AS SHOWN ON THE PLANS UNLESS DIFFERING FIELD CONDITIONS ARE FOUND OR AS APPROVED BY THE ENGINEER. CURB RAMP CROSS SLOPES SHALL BE 1% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMPS ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
11. SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMPS OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
12. S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
13. SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MIN.

NOT TO SCALE

* EXIST. DITOP OR MANHOLE MUST BE 2% MAX.

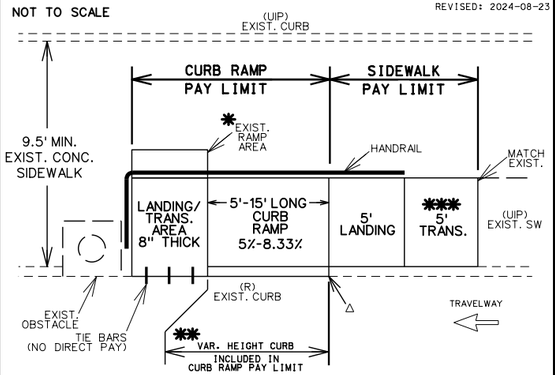


UTILITIES OR VARIOUS OBSTACLES

NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AREAS AND SIDEWALK WITH A MINIMUM OF 4' CLEARANCE AROUND THE POLE

NOT TO SCALE

REVISED: 2024-08-23



△ MATCH EXIST CURB

* FILL IN WHERE EXIST. RAMP WAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

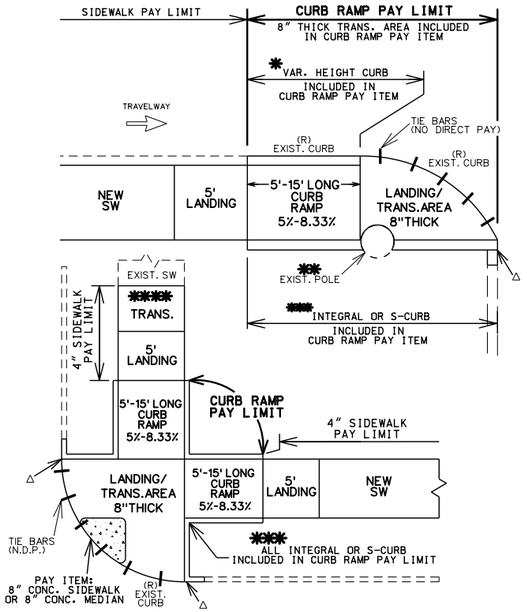
** VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS.

*** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

HANDRAIL 2' OFF E.O.P (SEE HANDRAIL STANDARDS)

CURB RAMP - IN EXISTING 9.5'+ WIDE SW

PAY LIMITS



△ MATCH EXIST CURB HEIGHT. OPTIONAL 1' TIE-IN TO EXIST CURB

* VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONST. MONOLITHIC OR SEP. DEPENDING ON CONST. OPERATIONS.

** NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AND TRANSITION AREAS.

*** TYPE OF CURB WILL DEPEND ON FIELD CONDITIONS.

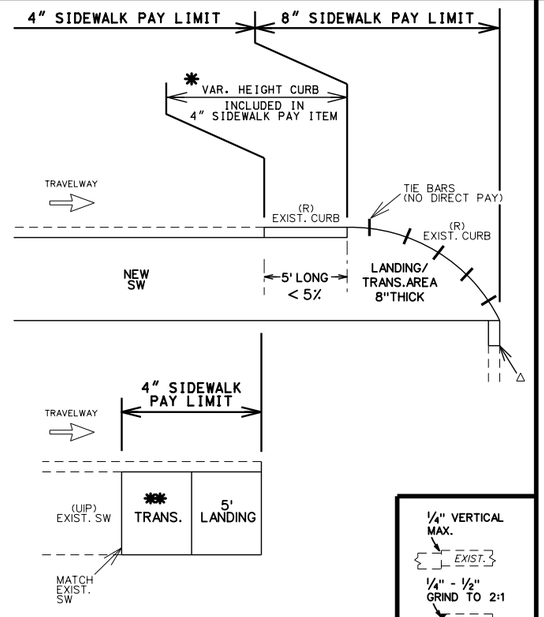
**** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

CURB RAMP

PAY LIMITS

WHEN RAMP AREA IS LONGER THAN 5'AND BETW. 5%-8.33% GRADE.IT IS CONSIDERED A CURB RAMP

NOT TO SCALE



△ MATCH EXIST CURB HEIGHT (1' TAPER FROM SIDEWALK UP TO EXIST CURB HEIGHT)

* VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS. DOWEL TO EXIST. GUTTER/PAVEMENT (NO DIRECT PAY).

** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

SIDEWALK

PAY LIMITS

WHEN RAMP AREA IS LESS THAN 5% GRADE. IT IS CONSIDERED SIDEWALK

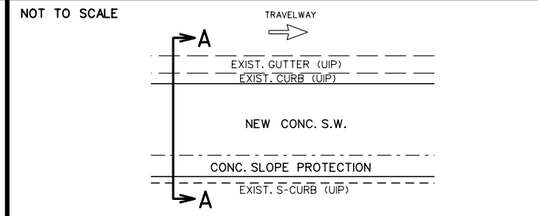
NOT TO SCALE

OVER 3/4" REPLACE PANEL(S)

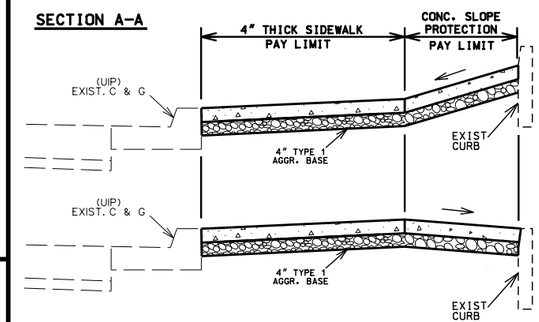
JOINT GRINDING

TRIP HAZARDS 622-99.03

NOT TO SCALE



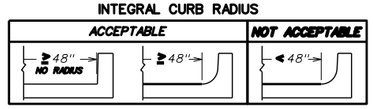
SECTION A-A



SIDEWALK WITH CONCRETE SLOPE PROTECTION

PAY LIMITS

INTEGRAL CURB RADIUS

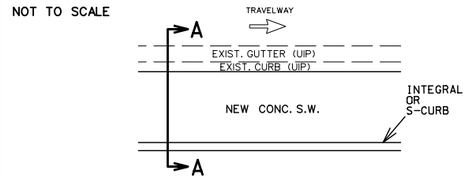


SECTION A-A
INTEGRAL CURB WITH RADIUS

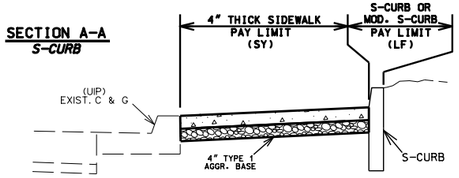
SIDEWALK & RAMP WITH CURB

PAY LIMITS

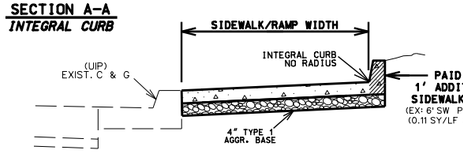
NOT TO SCALE

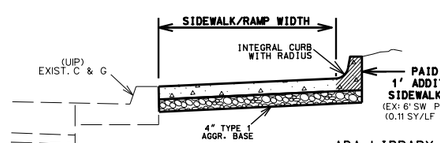


SECTION A-A
S-CURB



SECTION A-A
INTEGRAL CURB





ADA LIBRARY TYPICAL

TYPICAL SHEET
SHEET 4 OF 11

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED	
8/8/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: JASPER

JOB NO.: J7S2185C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

REVISED: 2025-02-25

TYPE 1-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	22.0	24.0	–	22.0	24.0	–	22.0	24.0	
CURB RAMP SY	–	10.9	13.1	–	13.6	16.3	–	16.2	19.3	
CONC. SIDEWALK SY	–	5.6	6.3	–	5.6	6.4	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	16.5	19.4	–	19.2	22.7	–	21.1	25.0	
ADA LINEAR GRADING LF	–	28.0	28.0	–	34.5	34.5	–	38.0	38.0	
SODDING SY	–	7.4	7.8	–	8.4	8.7	–	9.1	9.5	

TYPE 1-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	12.0	–	10.0	12.0	–	10.0	12.0	
CURB RAMP SY	–	8.8	10.3	–	11.5	13.4	–	14.1	16.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	5.6	6.4	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	14.4	16.7	–	17.1	19.8	–	19.0	22.1	
ADA LINEAR GRADING LF	–	22.0	22.0	–	26.5	26.5	–	30.0	30.0	
SODDING SY	–	11.5	11.7	–	13.5	13.5	–	15.0	15.2	

TYPE 1-C

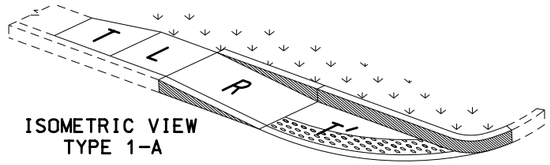
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	18.6	22.8	–	24.0	29.0	–	29.3	35.3	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	29.8	35.6	–	35.2	41.8	–	39.1	46.7	
ADA LINEAR GRADING LF	–	42.0	50.0	–	57.0	61.0	–	67.0	72.0	
SODDING SY	–	11.0	11.3	–	13.0	13.3	–	14.5	14.9	

TYPE 1-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	14.8	19.0	–	20.1	25.2	–	25.5	31.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	26.0	31.8	–	31.3	38.0	–	35.3	42.8	
ADA LINEAR GRADING LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING SY	–	13.3	13.6	–	16.0	16.9	–	18.6	19.3	

TYPE 1-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	14.0	16.0	–	14.0	16.0	–	14.0	16.0	
CURB RAMP SY	–	15.5	19.0	–	20.8	25.2	–	26.2	31.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	26.7	31.8	–	32.0	38.0	–	36.0	42.8	
ADA LINEAR GRADING LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING SY	–	18.4	18.8	–	22.4	22.8	–	25.6	25.9	



ISOMETRIC VIEW
TYPE 1-A

T'- IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED AT PAVED APPROACH IF CONDITIONS ALLOW)

* - T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L - LANDING

R - RAMP

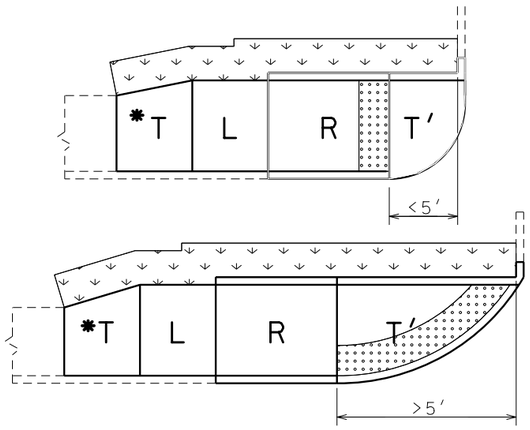
- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

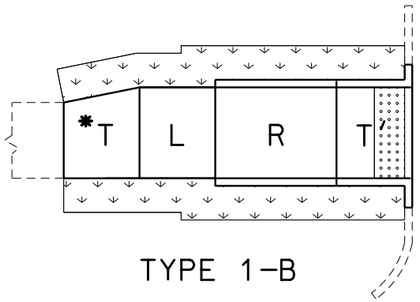
- TRUNCATED DOME LOCATION IF DIST. IS <5' OR >5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

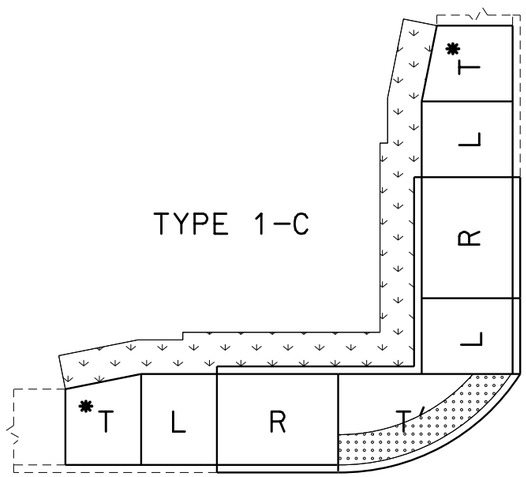
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



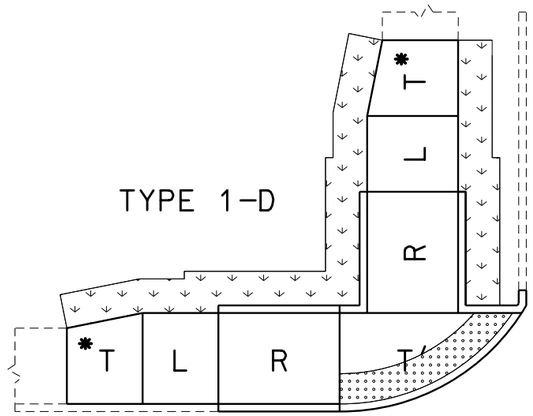
TYPE 1-A



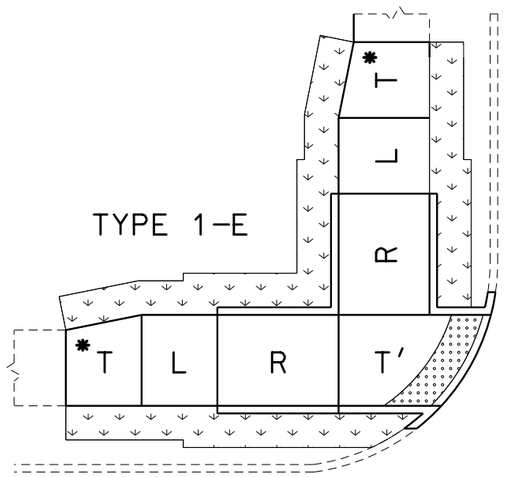
TYPE 1-B



TYPE 1-C



TYPE 1-D



TYPE 1-E

ADA LIBRARY TYPICAL

TYPE 1

PERPENDICULAR CURB RAMPS

TYPICAL SHEET 5 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

PARALLEL – TYPE 2

TYPE 2-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	9.1	10.6	–	11.8	13.7	–	14.4	16.8	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	14.7	17.0	–	16.7	19.4	–	19.3	22.5	
ADA LINEAR GRADING LF	–	26.0	26.0	–	29.0	29.0	–	33.0	33.0	
SODDING SY	–	8.0	8.3	–	8.6	8.8	–	9.6	9.8	

TYPE 2-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	11.8	13.3	–	14.5	16.4	–	17.2	19.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	17.4	19.7	–	19.4	22.1	–	22.1	25.2	
ADA LINEAR GRADING LF	–	26.0	26.0	–	29.0	29.0	–	33.0	33.0	
SODDING SY	–	13.8	14.1	–	15.1	15.5	–	17.1	17.5	

TYPE 2-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	16.4	18.7	–	21.7	24.9	–	27.0	31.2	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	27.6	31.5	–	31.5	36.3	–	36.8	42.6	
ADA LINEAR GRADING LF	–	41.0	41.0	–	47.0	47.0	–	55.0	55.0	
SODDING SY	–	12.3	12.5	–	13.6	13.9	–	15.6	15.9	

TYPE 2-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	16.8	19.2	–	22.2	25.4	–	27.5	31.6	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	28.0	32.0	–	32.0	36.8	–	37.3	43.0	
ADA LINEAR GRADING LF	–	41.0	41.0	–	47.0	47.0	–	55.0	55.0	
SODDING SY	–	20.2	20.3	–	22.4	23.2	–	26.4	27.2	

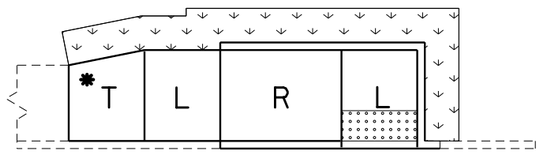
TYPE 2-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	10.8	11.5	–	13.2	14.4	–	15.7	17.3	
CONC. SIDEWALK SY	–	5.6	6.7	–	5.0	6.0	–	5.0	6.0	
TYPE 1 AGGREGATE SY	–	16.4	18.2	–	18.2	20.4	–	20.7	23.3	
ADA LINEAR GRADING LF	–	22.5	22.5	–	26.5	26.5	–	30.5	30.5	
SODDING SY	–	–	–	–	–	–	–	–	–	
HANDRAIL LF	–	–	–	–	–	–	–	–	–	SEE STANDARDS FOR LENGTH

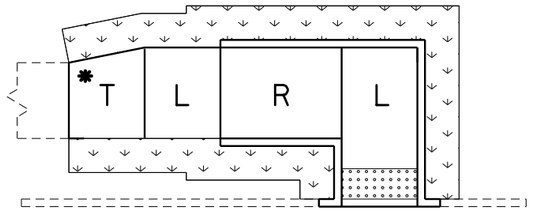
TYPE 2-F

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.5	17.1	–	20.4	23.1	–	25.5	28.9	
CONC. SIDEWALK SY	–	11.2	13.4	–	10.0	12.0	–	10.0	12.0	
TYPE 1 AGGREGATE SY	–	26.7	30.5	–	30.4	35.1	–	35.5	40.9	
ADA LINEAR GRADING LF	–	39.0	39.0	–	47.0	47.0	–	55.0	55.0	
SODDING SY	–	–	–	–	–	–	–	–	–	
HANDRAIL LF	–	–	–	–	–	–	–	–	–	SEE STANDARDS FOR LENGTH

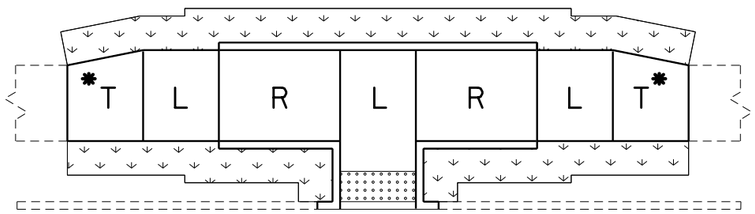
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



TYPE 2-A



TYPE 2-B



TYPE 2-D

** 3.5' LANDING EXTENSION REQ'D. FOR INSTALLATION OF FUTURE OR NEW PED. PUSH BUTTON

NOTE: SEE STANDARDS FOR ALL PED. PUSH BUTTON LOCATIONS

– TRUNCATED DOMES

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

T – TRANSITION TO EXISTING SW

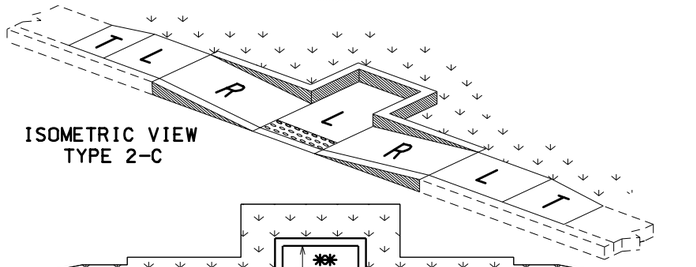
* – T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L – LANDING

R – RAMP

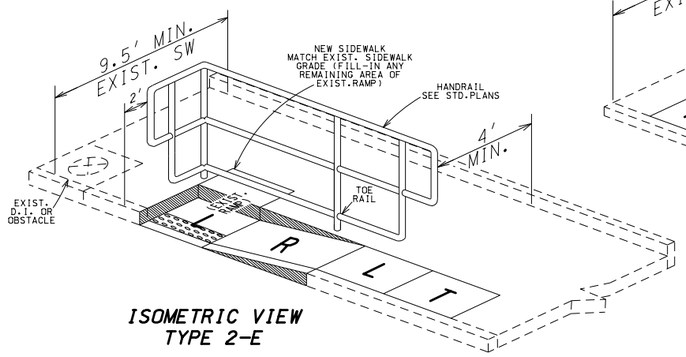
– SOD SLOPE 6:1 MIN.

– CURB RAMP PAY LIMITS

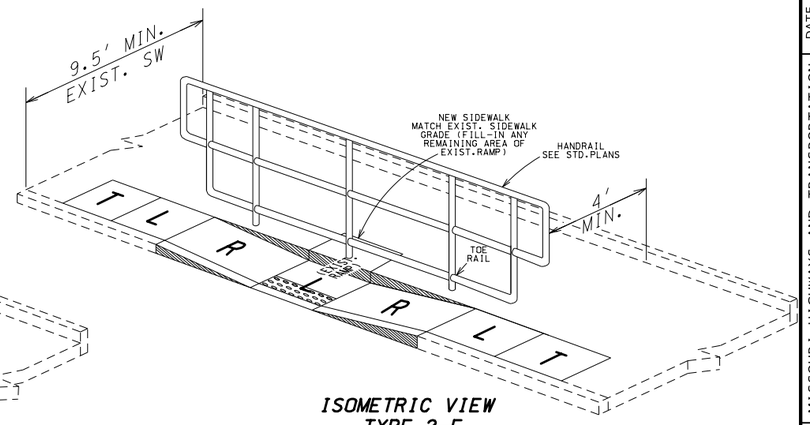


ISOMETRIC VIEW
TYPE 2-C

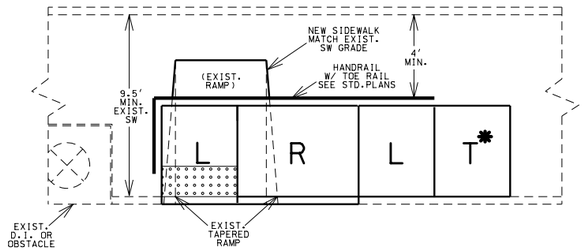
TYPE 2-C



ISOMETRIC VIEW
TYPE 2-E



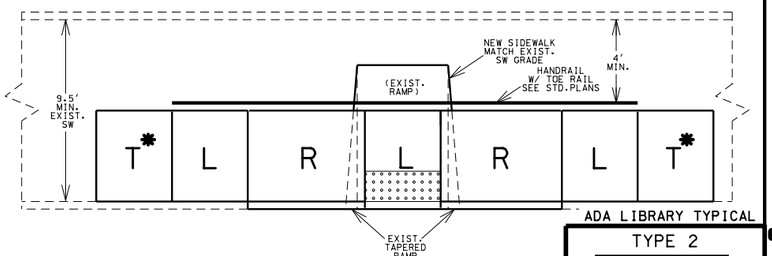
ISOMETRIC VIEW
TYPE 2-F



TYPE 2-E

USE ONLY WHEN TYPE 2-F IS UNABLE TO BE CONSTRUCTED DUE TO AN EXIST. D.I. OR OTHER OBSTACLE

SEE STANDARDS FOR HANDRAIL SPECS



ADA LIBRARY TYPICAL

TYPE 2-F

SEE STANDARDS FOR HANDRAIL SPECS

REVISED: 2022-05-18

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TYPE 2
PARALLEL
CURB RAMPS

TYPICAL SHEET
6 OF 11

PARALLEL – TYPE 2 (cont'd.)

TYPE 2-G

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	20.8	23.7	–	25.8	30.2	
CONC. SIDEWALK SY	–	21.4	25.0	–	17.6	20.3	–	15.2	17.5	
TYPE 1 AGGREGATE SY	–	37.1	43.0	–	38.4	44.0	–	41.0	47.7	
ADA LINEAR GRADING LF	–	52.0	52.0	–	54.0	54.0	–	58.0	58.0	
SODDING SY	–	13.6	13.6	–	13.7	13.5	–	14.5	14.9	

TYPE 2-H

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	21.0	24.5	–	26.9	31.4	
CONC. SIDEWALK SY	–	13.2	16.0	–	12.0	14.2	–	12.0	14.4	
TYPE 1 AGGREGATE SY	–	28.9	34.0	–	33.0	38.6	–	38.9	45.8	
ADA LINEAR GRADING LF	–	42.0	42.0	–	49.0	49.0	–	55.0	55.0	
SODDING SY	–	11.1	11.2	–	12.5	12.5	–	14.5	14.9	

T* – IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

REVISED: 2022-05-18

T – TRANSITION TO EXISTING SW

L – LANDING

R – RAMP

– SOD SLOPE 6:1 MIN.

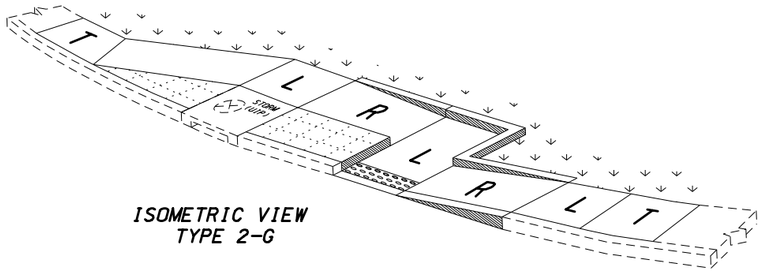
– TRUNCATED DOME LOCATION, IF DIST. IS <5' OR > 5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

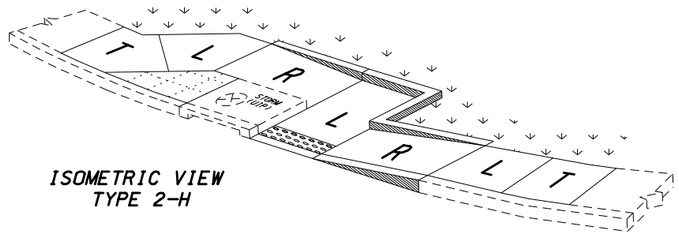
– CURB RAMP PAY LIMITS

– INCLUDED IN 4" CONC. SIDEWALK PAY LIMIT

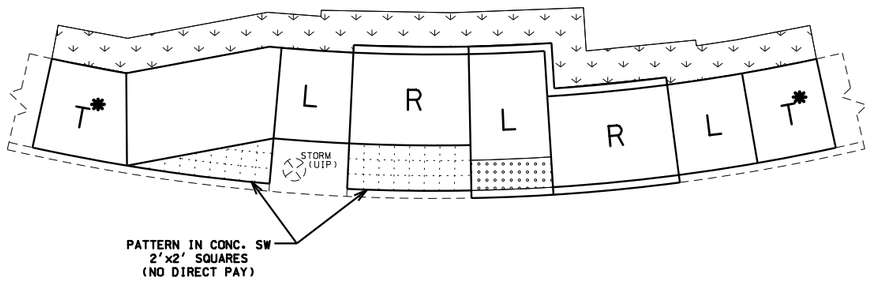
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



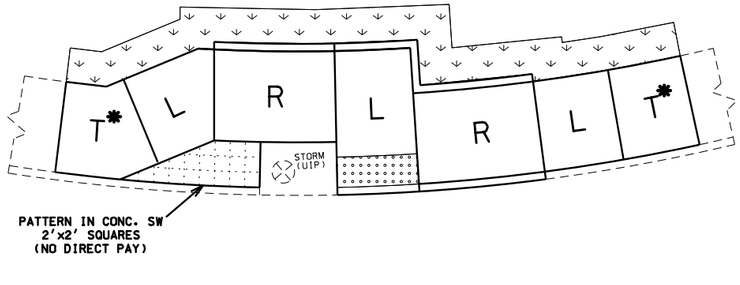
ISOMETRIC VIEW
TYPE 2-G



ISOMETRIC VIEW
TYPE 2-H



TYPE 2-G



TYPE 2-H

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED: 8/8/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

ADA LIBRARY TYPICAL

TYPE 2

PARALLEL CURB RAMPS

DIAGONAL – TYPE 3

TYPE 3-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	20.6	25.0	–	20.6	25.0	
CURB RAMP SY	–	24.4	27.0	–	26.9	31.2	–	32.2	37.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	35.6	39.8	–	36.7	42.6	–	42.0	48.8	
ADA LINEAR GRADING LF	–	51.0	51.0	–	59.0	59.0	–	67.0	67.0	
SODDING SY	–	11.6	11.4	–	12.9	12.9	–	14.9	14.9	
8"SW OR MED STRIP SY	–	3.0	2.2	–	3.0	2.2	–	3.0	2.2	

TYPE 3-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	20.6	25.0	–	20.6	25.0	
CURB RAMP SY	–	22.0	26.3	–	25.9	31.2	–	31.2	37.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	33.2	39.1	–	35.7	42.6	–	41.0	48.8	
ADA LINEAR GRADING LF	–	51.0	51.0	–	59.0	59.0	–	67.0	67.0	
SODDING SY	–	15.2	15.3	–	17.1	17.5	–	20.1	20.5	
8"SW OR MED STRIP SY	–	1.5	1.5	–	1.5	1.5	–	1.5	1.5	

TYPE 3-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP SY	–	20.7	26.8	–	25.1	31.5	–	30.4	37.7	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	31.9	39.6	–	34.9	42.9	–	40.2	49.1	
ADA LINEAR GRADING LF	–	51.0	51.0	–	58.0	58.0	–	67.0	67.0	
SODDING SY	–	18.8	19.3	–	21.3	22.1	–	25.3	26.1	
8"SW OR MED STRIP SY	–	1.0	1.6	–	1.0	1.6	–	1.0	1.6	

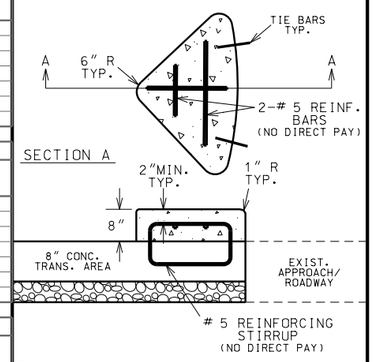
TYPE 3-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	22.4	26.5	–	22.4	26.5	
CURB RAMP SY	–	15.9	19.1	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	21.5	25.5	–	22.6	27.1	–	25.3	30.2	
ADA LINEAR GRADING LF	–	31.0	31.0	–	34.0	34.0	–	38.0	38.0	
SODDING SY	–	12.6	12.9	–	13.5	14.0	–	15.5	16.0	
8"SW OR MED STRIP SY	–	1.0	0.8	–	1.0	0.8	–	1.0	0.8	

TYPE 3-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP SY	–	17.2	19.8	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK SY	–	8.4	10.7	–	7.3	9.4	–	7.3	9.4	
TYPE 1 AGGREGATE SY	–	25.6	30.5	–	25.0	30.8	–	27.7	33.9	
ADA LINEAR GRADING LF	–	30.0	30.0	–	35.5	35.5	–	39.5	39.5	
SODDING SY	–	12.4	12.4	–	12.9	13.3	–	14.9	15.3	
8"SW OR MED STRIP SY	–	1.6	1.6	–	1.6	1.6	–	1.6	1.6	

– DETAIL – 8" SIDEWALK OR 8" MEDIAN STRIP



T′- IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

TYPE 3-A

T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED IF CONDITIONS ALLOW)

T* - IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE WITH THE NEW LANDING XSLOPE)

L - LANDING

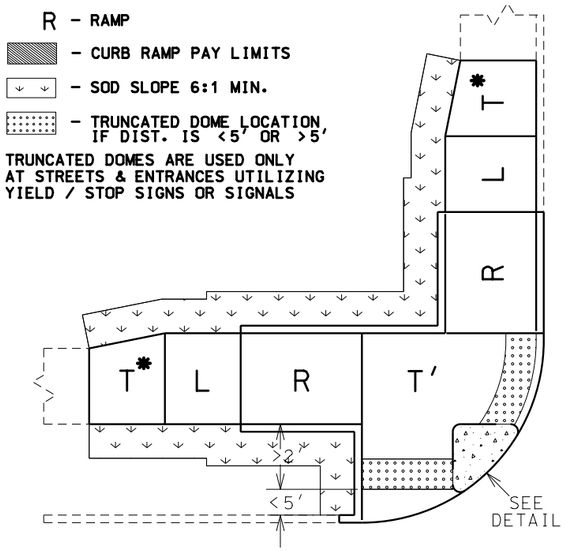
R - RAMP

- CURB RAMP PAY LIMITS

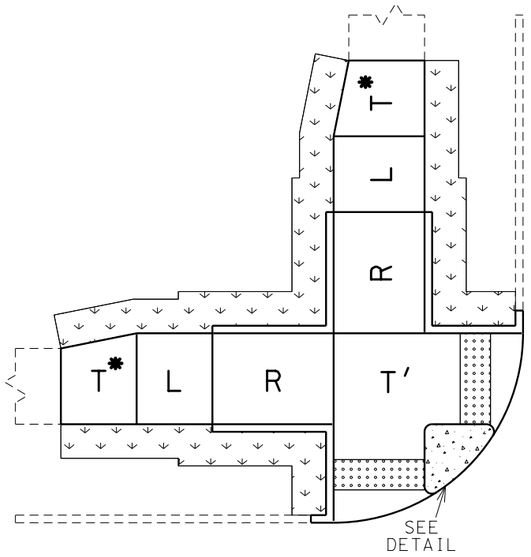
- SOD SLOPE 6:1 MIN.

- TRUNCATED DOME LOCATION, IF DIST. IS <5' OR >5'

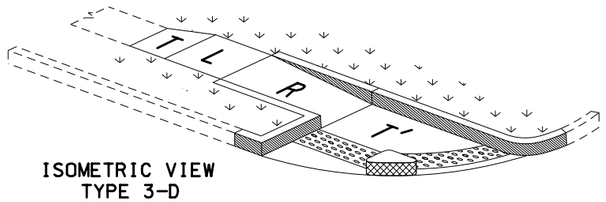
TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS



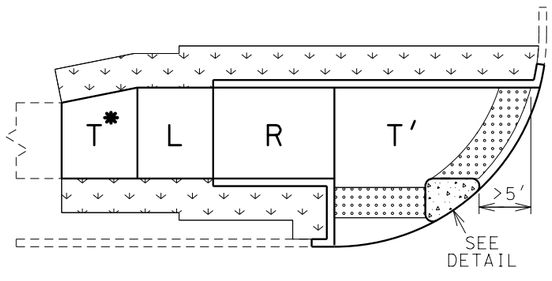
TYPE 3-B



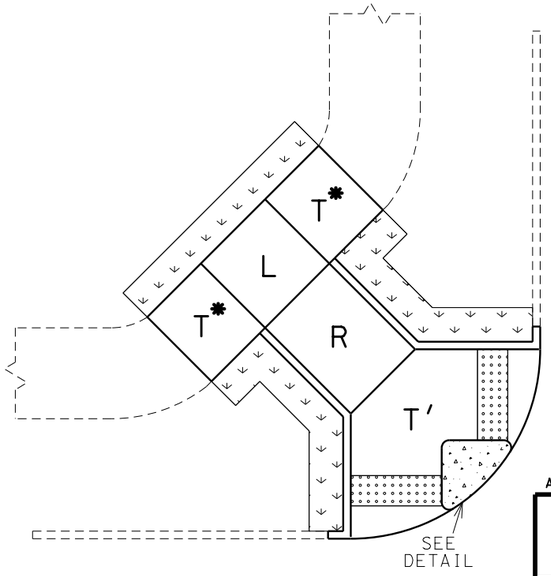
TYPE 3-C



ISOMETRIC VIEW TYPE 3-D



TYPE 3-D



TYPE 3-E

REVISED: 2022-05-18

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED: 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: JASPER

JOB NO.: J7S2185C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

ADA LIBRARY TYPICAL

TYPE 3
DIAGONAL CURB RAMPS

TYPICAL SHEET 8 OF 11

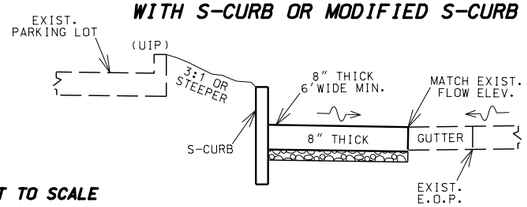
REVISED: 2022-05-16

NOTES FOR MODIFIED SIDEWALK:

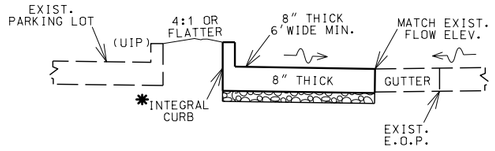
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 8" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ADJACENT TO MODIFIED SIDEWALK.
5. MODIFIED SIDEWALK PAID FOR AS 8" SIDEWALK.
6. 6' MINIMUM WIDTH.
7. NO DIRECT PAY FOR SAW CUTS AND TIE BARS (ON 12" CENTERS MAX.)
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

✱ INTEGRAL CURB IS PAID FOR WITH THE 8" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

SECTION A-A
WITH S-CURB OR MODIFIED S-CURB



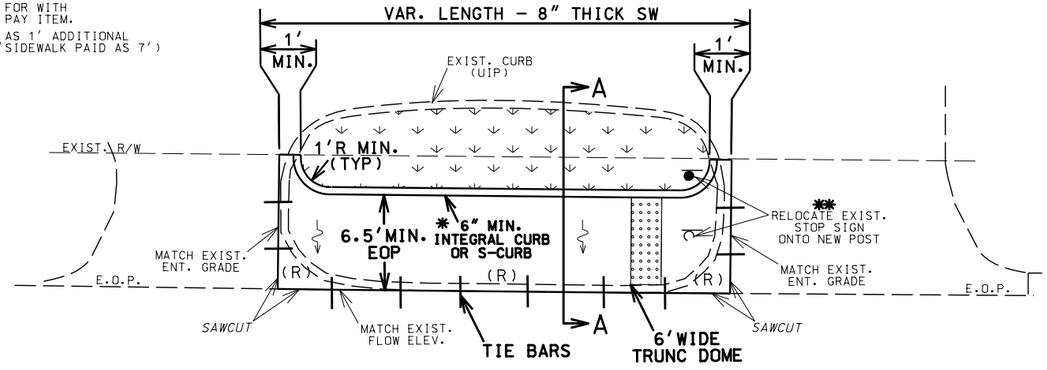
SECTION A-A
WITH INTEGRAL CURB



NOT TO SCALE

TYPICAL MODIFIED SIDEWALK
8" THICK

✱✱ TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP/YIELD SIGNS OR SIGNALS.

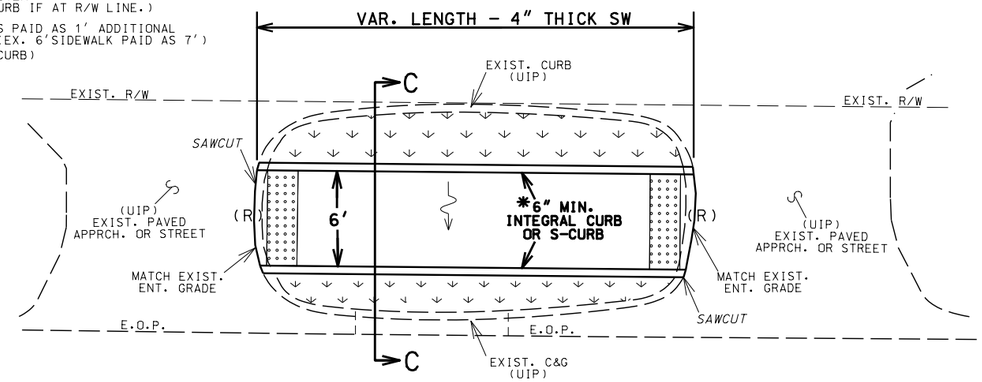


NOTES FOR CUT-THRU SIDEWALK:

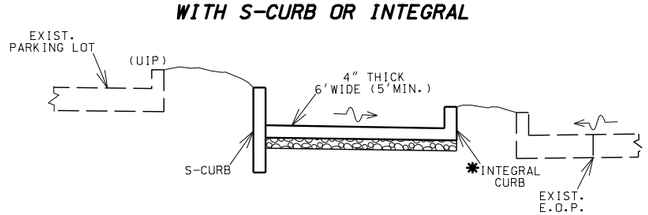
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ON BOTH SIDES ADJACENT TO SIDEWALK.
5. CUT-THRU SIDEWALK PAID FOR AS 4" SIDEWALK.
6. 6' PREFERRED WIDTH (5' MIN.)
7. SAW CUTS (NO DIRECT PAY).
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

✱ INTEGRAL CURB IS PAID FOR AS 4" CONC. SIDEWALK PAY ITEM. S-CURB IS PAID FOR AS ITS OWN PAY ITEM. (ALWAYS USE S-CURB IF AT R/W LINE.)
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

TYPICAL CUT-THRU SIDEWALK



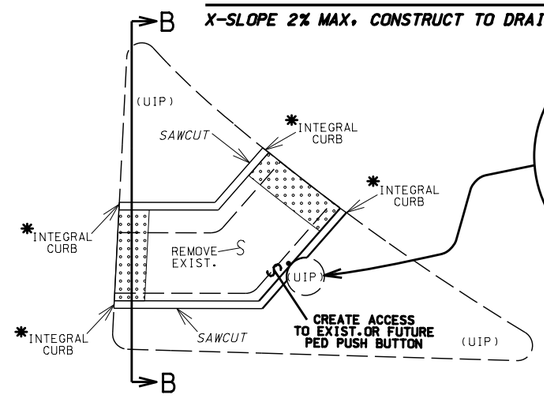
SECTION C-C
WITH S-CURB OR INTEGRAL

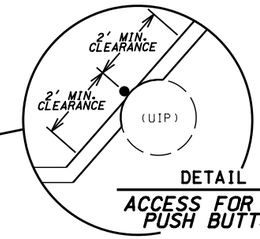


NOT TO SCALE

NOT TO SCALE

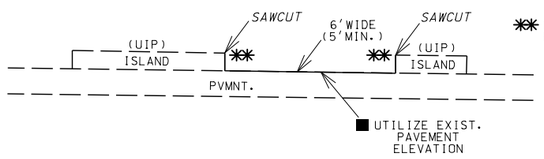
TYPICAL ISLAND CUT-THRU SIDEWALK
X-SLOPE 2% MAX. CONSTRUCT TO DRAIN





DETAIL
ACCESS FOR PED PUSH BUTTON

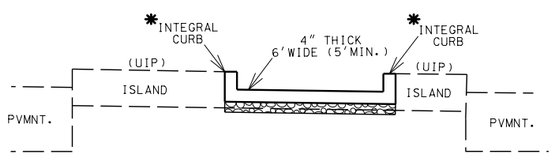
SECTION B-B
ISLAND CUT-THRU SIDEWALK FOR EXISTING 'PINNED-ON' ISLAND



■ SMALL QTY. HAS BEEN INCLUDED FOR 8" THICK SIDEWALK TO ADDRESS ANY UNFORSEEN PVMNT. REPAIRS OR DIFFERENCES IN ELEVATION. (UNDERRUN IF FIELD CONDITIONS DO NOT WARRANT)

✱✱ NO INTEGRAL CURB. AGGR. OR LIN. GRADING REQUIRED IF THE ISLAND IS 'PINNED-ON'

SECTION B-B
ISLAND CUT-THRU SIDEWALK



✱ INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

ADA LIBRARY TYPICAL

MODIFIED SIDEWALK AND SIDEWALK CUT-THRUs

TYPICAL SHEET 9 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED: 8/8/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: J7S2185C
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DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

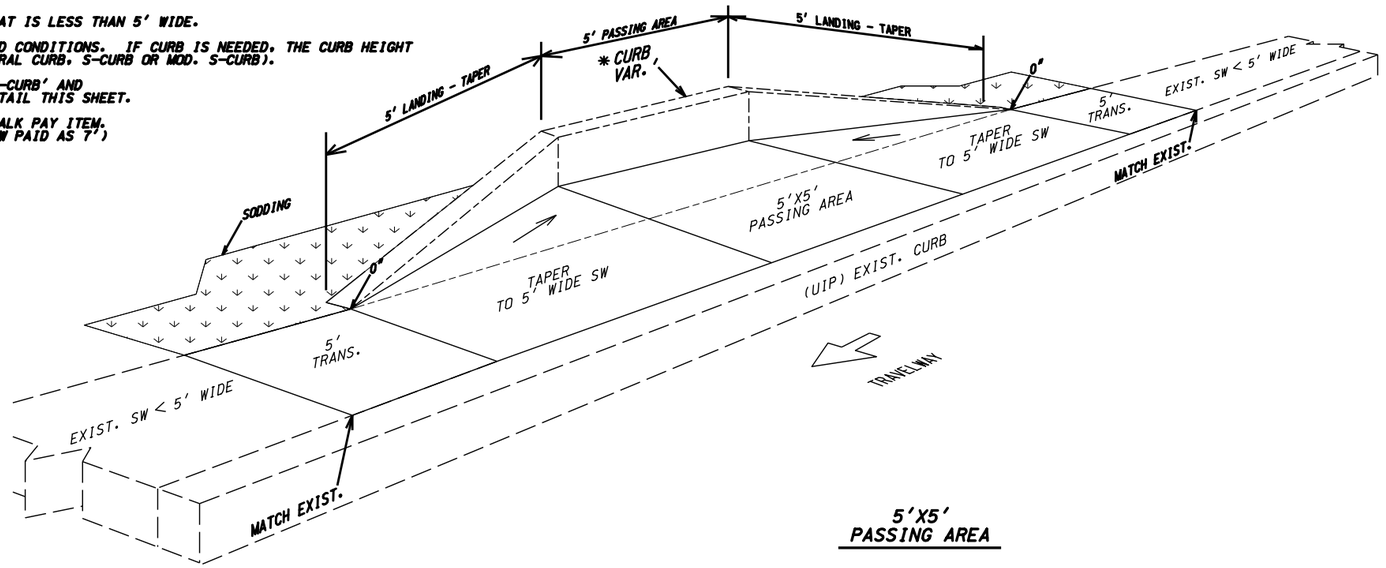
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

REVISED: 2024-01-18

NOTES:

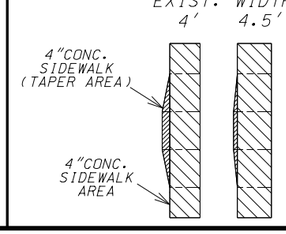
1. PASSING AREA REQUIRED EVERY 200' ON SIDEWALK THAT IS LESS THAN 5' WIDE.
2. * CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS NEEDED. THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
4. ** INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6' SW PAID AS 7') (0.11 SY/LF OF CURB)



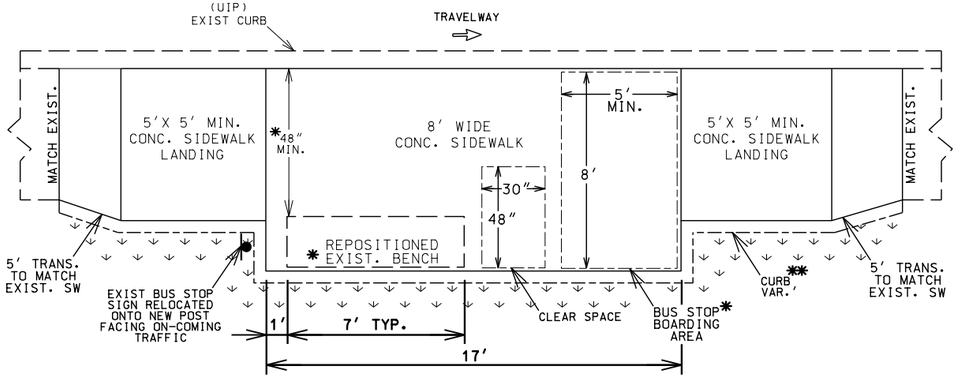
5'X5' PASSING AREA

NOT TO SCALE

QUANTITIES FOR PASSING AREAS			
EXISTING SW WIDTH		4'	4.5'
4" CONC. SIDEWALK (TAPER)	SY	1.3	0.7
TYPE 1 AGGREGATE	SY	1.3	0.7
4" CONC. SIDEWALK	SY	10.4	11.7
TYPE 1 AGGREGATE	SY	10.4	11.7
INTEGRAL CURB **	SY	2.0	2.0
TYPE 1 AGGREGATE	SY	1.0	1.0
S-CURB	LF	17.2	16.0
MODIFIFED S-CURB	LF	17.2	16.0
SODDING	SY	53.0	53.0
LINEAR GRADING	LF	25.0	25.0



BUS STOP WITH BENCH



NOTES:

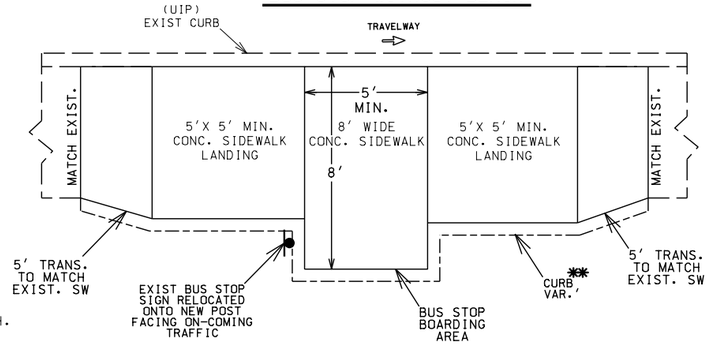
* 1. THE REPOSITIONED BENCH SHALL NOT BE PLACED ON THE 5'X8' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH AT THE BACK EDGE OF THE CONC. PAD TO PROVIDE MAX.CLEARANCE.

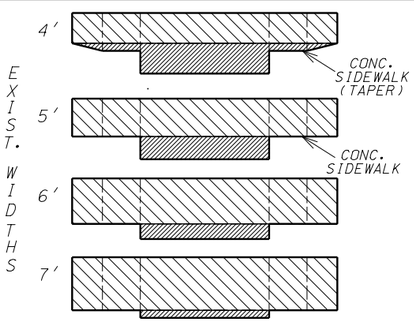
** 2. CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS NEEDED DUE TO CUT, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).

3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.

*** 4. INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. INTEGRAL CURB PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6'SW PAID AS 7') (0.11 SY/LF OF CURB)

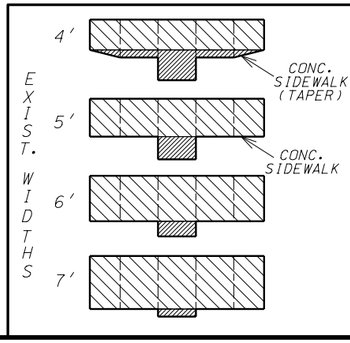
BUS STOP WITHOUT BENCH





QUANTITIES FOR BUS STOPS WITH BENCH					
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	9.3	5.8	3.9	1.9
TYPE 1 AGGREGATE	SY	9.3	5.8	3.9	1.9
4" CONC. SIDEWALK	SY	16.5	20.4	24.3	28.2
TYPE 1 AGGREGATE	SY	16.5	20.4	24.3	28.2
INTEGRAL CURB ***	SY	5.4	3.4	3.2	2.9
TYPE 1 AGGREGATE	SY	2.7	1.7	1.6	1.5
S-CURB	LF	43.5	27.0	25.0	23.0
MODIFIFED S-CURB	LF	43.5	27.0	25.0	23.0
SODDING	SY	10.6	10.4	9.8	9.4
LINEAR GRADING	LF	37.0	37.0	37.0	37.0

NOT TO SCALE



QUANTITIES FOR BUS STOPS – NO BENCH					
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	3.9	1.8	1.3	0.7
TYPE 1 AGGREGATE	SY	3.9	1.8	1.3	0.7
4" CONC. SIDEWALK	SY	10.4	12.9	15.5	18.0
TYPE 1 AGGREGATE	SY	10.4	12.9	15.5	18.0
INTEGRAL CURB ***	SY	3.8	2.0	1.8	1.6
TYPE 1 AGGREGATE	SY	1.9	1.0	0.9	0.8
S-CURB	LF	31.0	15.0	13.0	11.0
MODIFIFED S-CURB	LF	31.0	15.0	13.0	11.0
SODDING	SY	7.6	7.4	6.8	6.4
LINEAR GRADING	LF	25.0	25.0	25.0	25.0

ADA LIBRARY TYPICAL

PASSING AREAS AND BUS STOPS

TYPICAL SHEET 10 OF 11

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

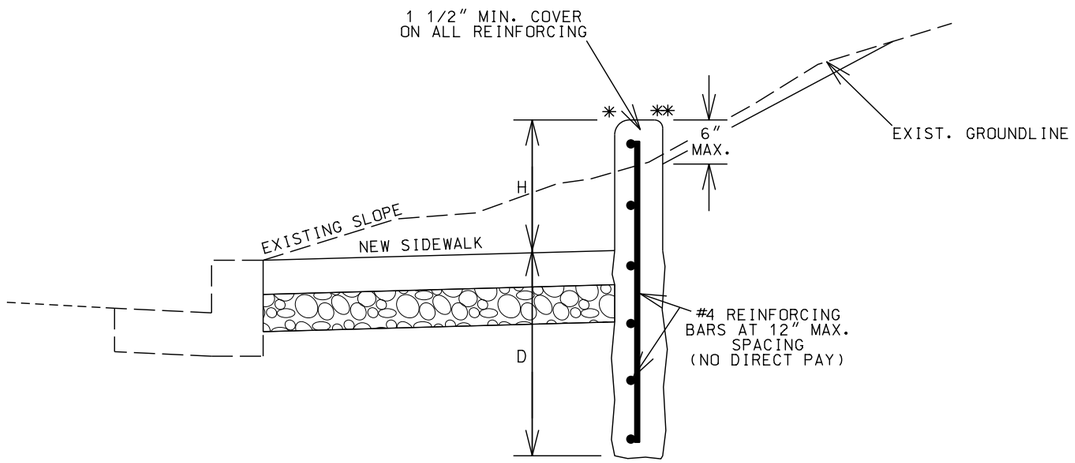
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

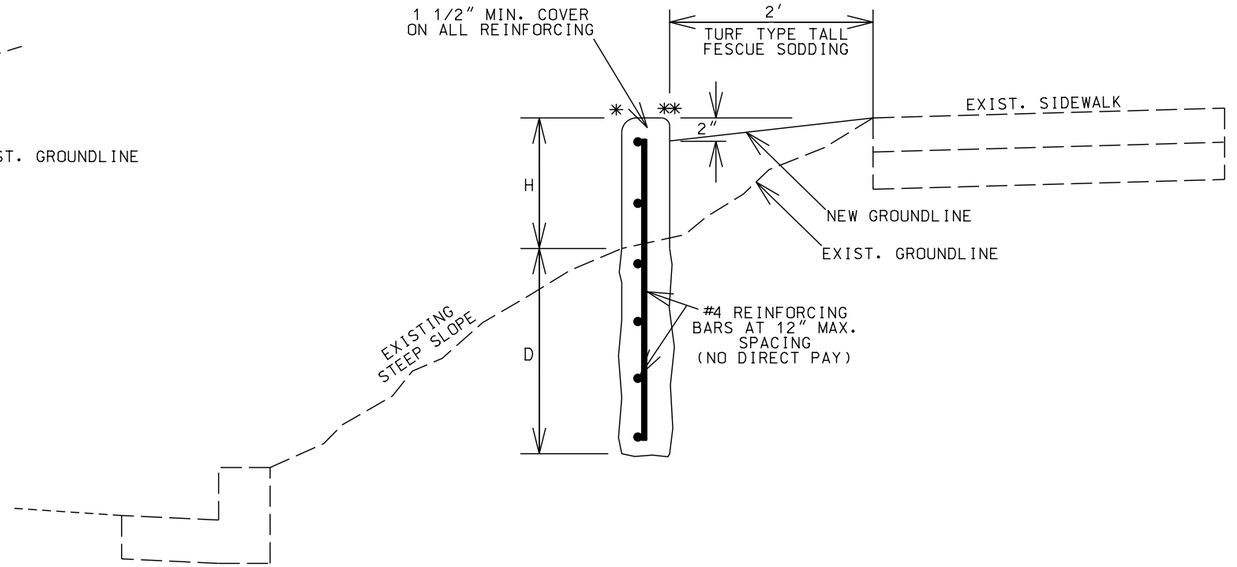
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

CREATED: 2023-11-16
REVISED: 2024-02-13

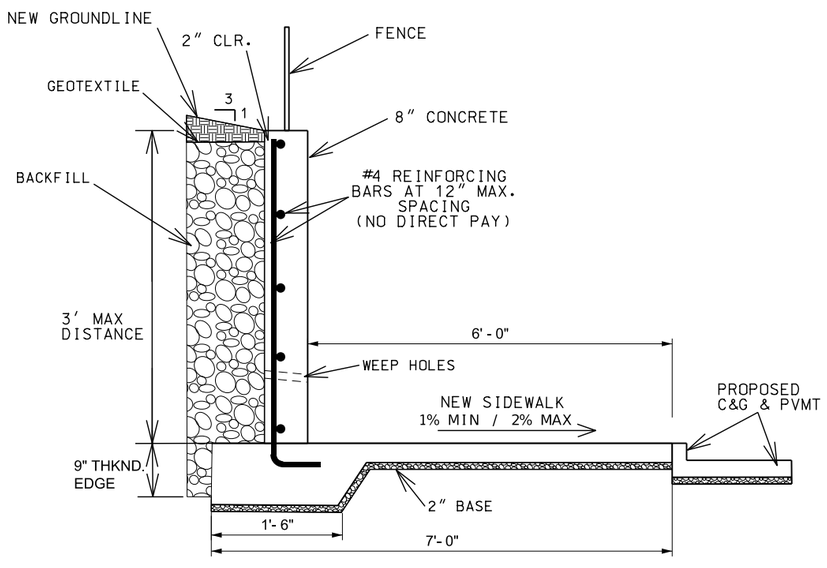
✳ ROUND TO 3/4" RADIUS
✳✳ ROUND TO 1/4" RADIUS
H = 2'-6" MAX. (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER.
VERTICAL REINFORCING LENGTHS VARY AS NEEDED.
DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK

MODIFIED S-CURB
> 12" TALL (2'-6" MAX.)





NOT TO SCALE



MODIFIED S-CURB
> 12" TALL (3'-0" MAX.)
POURED CONCRETE SIDEWALK WALL

NOT TO SCALE

ADA LIBRARY TYPICAL

MODIFIED S-CURB

TYPICAL SHEET
11 OF 11

REID BRENNEN CATT
NUMBER
PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER
JOB NO.
J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

REMOVAL OF IMPROVEMENTS (J7S2185C)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
4	252+19.89		ROUTE 66 LT.	58′ SAWCUT
4	252+19.89	252+98.27	ROUTE 66 LT.	73 SY SIDEWALK
4	252+19.89	253+03.52	ROUTE 66 LT.	125′ CURB
4	252+24.29	253+06.75	ROUTE 66 RT.	86 SY SIDEWALK
4	252+24.29	253+06.75	ROUTE 66 RT.	148′ CURB
4	252+31.41	252+36.41	ROUTE 66 RT.	5′ SAWCUT
4	252+62.88	252+97.31	ROUTE 66 LT.	WALL & FENCING
4	252+63.37		ROUTE 66 LT.	POWER POLE W/ METER AND SIGNS
4	252+67.47		ROUTE 66 LT.	SIGNAL CABINET
4	252+79.16		ROUTE 66 RT.	LIGHT POLE
4	252+98.27	253+70.07	ROUTE 66 LT.	72′ SAWCUT
4	252+98.67		ROUTE 66 LT.	SIGNAL POLE, MASTARM, FOUNDATION
4	253+02.91		ROUTE 66 RT.	SIGNAL POLE, MASTARM, FOUNDATION
4	253+06.75	253+87.88	ROUTE 66 RT.	99′ SAWCUT
4	253+09.68		ROUTE 66 RT.	GRATE INLET
4	253+09.68	253+71.64	ROUTE 66 RT.	1′ STORM PIPE
4	253+69.13	254+67.93	ROUTE 66 LT.	91 SY SIDEWALK
4	253+69.13	254+67.93	ROUTE 66 LT.	117′ CURB
4	253+70.50	254+07.12	ROUTE 66 RT.	90 SY SIDEWALK & ASPHALT PVMT
4	253+70.50	254+07.12	ROUTE 66 RT.	95′ CURB
4	253+71.64		ROUTE 66 RT.	GRATE INLET
4	253+71.64	253+87.84	ROUTE 66 RT.	1′ STORM PIPE
4	253+72.15	253+79.02	ROUTE 66 LT.	3′ STORM PIPE
4	253+74.47		ROUTE 66 RT.	POWER POLE
5	253+78.60		ROUTE 66 LT.	SIGNAL POLE, MASTARM, FOUNDATION
4	253+79.02	254+04.23	ROUTE 66 LT.	1′ STORM PIPE
4	253+82.06	253+99.31	ROUTE 66 LT.	8 BUSHES
4	253+83.90		ROUTE 66	3′ STORM PIPE
4	253+87.84	254+07.66	ROUTE 66 RT.	3′ STORM PIPE
5	253+93.31		ROUTE 66 RT.	SIGNAL POLE, MASTARM, FOUNDATION
4	254+03.15		ROUTE 66 LT.	POWER POLE
4	254+07.12	254+47.79	ROUTE 66 RT.	102 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
4	254+07.66		ROUTE 66 RT.	GRATE INLET
4	254+07.66	255+34.99	ROUTE 66 RT.	3′ STORM PIPE
4	254+10.79	254+40.29	ROUTE 66 RT.	50′ SAWCUT
4	254+47.79	254+74.87	ROUTE 66 RT.	30 SY SIDEWALK
4	254+47.79	254+74.87	ROUTE 66 RT.	27′ CURB
4	254+61.80	254+67.80	ROUTE 66 RT.	5′ SAWCUT
4	254+67.93	255+38.93	ROUTE 66 LT.	122 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
4	254+74.87	255+15.20	ROUTE 66 RT.	64 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
4	254+81.00	255+10.85	ROUTE 66 RT.	30′ SAWCUT
4	254+81.43	255+25.43	ROUTE 66 LT.	44′ SAWCUT
4 – 5	255+15.20	256+79.36	ROUTE 66 RT.	109 SY SIDEWALK
4 – 5	255+15.20	256+79.36	ROUTE 66 RT.	164′ CURB
4	255+34.99		ROUTE 66 RT.	GRATE INLET
4 – 5	255+34.99	256+72.46	ROUTE 66 RT.	3′ STORM PIPE
4 – 5	255+38.93	256+70.38	ROUTE 66 LT.	79 SY SIDEWALK
4 – 5	255+38.93	256+70.38	ROUTE 66 LT.	132′ CURB
5	256+70.38	257+13.51	ROUTE 66 LT.	73 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
5	256+72.46		ROUTE 66 RT.	GRATE INLET
5	256+72.46	257+39.30	ROUTE 66 RT.	3′ STORM PIPE
5	256+74.89	256+79.44	ROUTE 66 RT.	5′ SAWCUT
5	256+79.36	257+27.91	ROUTE 66 RT.	155 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
5	256+79.83	257+04.80	ROUTE 66 LT.	25′ SAWCUT
5	256+88.35	257+19.35	ROUTE 66 RT.	31′ SAWCUT
5	257+13.51	257+37.27	ROUTE 66 LT.	128 SY SIDEWALK
5	257+13.51	257+37.27	ROUTE 66 LT.	24′ CURB
5	257+27.91	257+87.92	ROUTE 66 RT.	51 SY SIDEWALK
5	257+27.91	257+87.92	ROUTE 66 RT.	60′ CURB
5	257+28.10	257+33.50	ROUTE 66 RT.	6′ SAWCUT
5	257+37.27	259+16.15	ROUTE 66 LT.	448 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
5	257+37.27	258+81.10	ROUTE 66 LT.	148′ SAWCUT
5	257+39.30		ROUTE 66 RT.	GRATE INLET
5	257+39.30	258+69.60	ROUTE 66 RT.	3′ STORM PIPE
5	257+40.64	257+81.41	ROUTE 66 RT.	41′ SAWCUT
5	257+40.64	257+81.41	ROUTE 66 RT.	18 SY ASPHALT PVMT
5	257+87.92	259+09.25	ROUTE 66 RT.	212 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
5	257+91.98	258+32.98	ROUTE 66 RT.	41′ SAWCUT
5	258+39.48	258+99.03	ROUTE 66 RT.	83′ SAWCUT
5	258+40.73		ROUTE 66 RT.	LIGHT POLE
5	258+69.60		ROUTE 66 RT.	GRATE INLET

✳SEE NEXT TABLE FOR CONTINUATION

REMOVAL OF IMPROVEMENTS (J7S2815C)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
5	258+69.60	260+51.96	ROUTE 66 RT.	3′ STORM PIPE
5	258+82.96		ROUTE 66 RT.	LIGHT POLE
5	258+88.25	258+98.36	ROUTE 66 LT.	10′ SAWCUT
5	259+05.40	260+56.24	ROUTE 66 LT.	80 SY SIDEWALK
5	259+05.40	260+56.24	ROUTE 66 LT.	154′ CURB
5	259+06.30	260+54.63	ROUTE 66 RT.	96 SY SIDEWALK
5	259+06.30	260+54.63	ROUTE 66 RT.	145′ CURB
5	259+15.83	259+16.15	ROUTE 66 LT.	12′ SAWCUT
5	260+54.08	260+59.32	ROUTE 66 RT.	5′ SAWCUT
5 – 6	260+54.63	261+16.34	ROUTE 66 RT.	144 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
5	260+55.41	260+59.53	ROUTE 66 LT.	4′ SAWCUT
5 – 6	260+56.24	261+18.47	ROUTE 66 LT.	170 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
5	260+59.53		ROUTE 66 LT.	5′ SAWCUT
5	260+68.56	260+99.64	ROUTE 66 RT.	31′ SAWCUT
5	260+68.81	260+99.52	ROUTE 66 LT.	31′ SAWCUT
5	261+04.31		ROUTE 66 RT.	TREE
6	261+08.68	261+12.87	ROUTE 66 RT.	4′ SAWCUT
6	261+17.06		ROUTE 66 LT.	LIGHT POLE
6	261+18.47	262+56.63	ROUTE 66 LT.	55 SY SIDEWALK
6	261+18.47	262+56.63	ROUTE 66 LT.	138′ CURB
6	261+19.58		ROUTE 66 LT.	GRATE INELET
6	261+19.74		ROUTE 66	1′ STORM PIPE
6	261+19.90		ROUTE 66 RT.	GRATE INLET
6	261+19.90	262+99.16	ROUTE 66 RT.	3′ STORM PIPE
6	261+19.90	262+57.36	ROUTE 66 RT.	46 SY SIDEWALK
6	261+19.90	262+57.36	ROUTE 66 RT.	141′ CURB
6	261+33.81	261+39.81	ROUTE 66 RT.	6′ SAWCUT
6	261+86.30	261+90.41	ROUTE 66 RT.	4′ SAWCUT
6	262+15.13	262+46.23	ROUTE 66 RT.	2 TREES
6	262+48.96	262+57.46	ROUTE 66 LT.	9′ SAWCUT
6	262+56.63	262+90.45	ROUTE 66 LT.	47 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
6	262+57.36	262+88.63	ROUTE 66 RT.	30 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
6	262+67.46	262+82.96	ROUTE 66 LT.	16′ SAWCUT
6	262+68.49	262+79.49	ROUTE 66 RT.	11′ SAWCUT
6	262+82.96	264+79.60	ROUTE 66 LT.	206′ SAWCUT
6	262+88.63	264+32.85	ROUTE 66 RT.	61 SY SIDEWALK
6	262+88.63	264+32.85	ROUTE 66 RT.	144′ CURB
6	262+90.45	264+35.59	ROUTE 66 LT.	36 SY PAVED APPROACH & ASPHALT PVMT
6	262+90.45	264+35.75	ROUTE 66 LT.	78 SY SIDEWALK
6	262+90.45	264+35.75	ROUTE 66 LT.	146′ CURB
6	262+99.16		ROUTE 66 RT.	GRATE INLET
6	262+99.16	264+28.77	ROUTE 66 RT.	3′ STORM PIPE
6	263+35.03	263+37.46	ROUTE 66 RT.	3′ SAWCUT
6	263+71.21	263+77.71	ROUTE 66 RT.	7′ SAWCUT
6	264+28.77		ROUTE 66 RT.	GRATE INLET
6	264+32.85	264+92.82	ROUTE 66 RT.	178 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
6	264+35.19	264+39.44	ROUTE 66 RT.	4′ SAWCUT
6	264+35.75	264+92.95	ROUTE 66 LT.	124 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
6	264+48.45	264+79.35	ROUTE 66 RT.	31′ SAWCUT
6 – 7	264+88.76	266+60.63	ROUTE 66 RT.	183′ SAWCUT
6	264+89.04	264+92.92	ROUTE 66 LT.	4′ SAWCUT
6 – 7	264+92.82	266+54.08	ROUTE 66 RT.	86 SY SIDEWALK
6 – 7	264+92.82	266+54.08	ROUTE 66 RT.	157′ CURB
6 – 7	264+92.82	266+54.08	ROUTE 66 RT.	162 SY PAVED APPROACH & ASPHALT PVMT
6 – 7	264+92.95	266+55.34	ROUTE 66 LT.	83 SY SIDEWALK
6 – 7	264+92.95	266+55.34	ROUTE 66 LT.	163′ CURB
6	264+94.06		ROUTE 66 RT.	LIGHT POLE
6	264+95.57		ROUTE 66 LT.	GRATE INLET
6	264+95.66		ROUTE 66	1′ STORM PIPE
6	264+95.78		ROUTE 66 RT.	GRATE INLET
6 – 7	265+02.56	267+19.58	ROUTE 66 LT.	221′ SAWCUT
6 – 7	265+02.56	266+55.34	ROUTE 66 LT.	97 SY PAVED APPROACH & ASPHALT PVMT
7	266+51.92		ROUTE 66 RT.	CONCRETE POLE FOUNDATION
7	266+51.92	266+90.59	ROUTE 66 RT.	43 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
7	266+55.34	267+19.58	ROUTE 66 LT.	91 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
7	266+65.25	266+76.70	ROUTE 66 RT.	12′ SAWCUT
7	266+87.17		ROUTE 66 RT.	LIGHT POLE
7	266+90.55	268+11.29	ROUTE 66 RT.	152′ SAWCUT
7	266+90.59	268+07.00	ROUTE 66 RT.	62 SY SIDEWALK
7	266+90.59	268+07.00	ROUTE 66 RT.	117′ CURB

✳SEE NEXT TABLE FOR CONTINUATION

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT–ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

QUANTITIES
SHEET 1 OF 22

REMOVAL OF IMPROVEMENTS (J7S2815C)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
7	266+90.59	268+07.00	ROUTE 66 RT.	207 SY PAVED APPROACH
7	267+19.58	267+96.04	ROUTE 66 LT.	33 SY SIDEWALK
7	267+20.58	267+96.04	ROUTE 66 LT.	76' CURB
7	267+96.04	268+62.32	ROUTE 66 LT.	117' SAWCUT
7	267+96.04	269+30.16	ROUTE 66 LT.	439 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
7	268+07.00	268+64.89	ROUTE 66 RT.	278 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
7	268+20.57	268+51.15	ROUTE 66 RT.	31' SAWCUT
7	268+64.89	269+81.55	ROUTE 66 RT.	53 SY SIDEWALK
7	268+64.89	269+81.55	ROUTE 66 RT.	117' CURB
7	268+80.87	269+21.83	ROUTE 66 LT.	57' SAWCUT
7	269+25.71	269+30.16	ROUTE 66 LT.	5' SAWCUT
7 - 8	269+30.16	273+12.40	ROUTE 66 LT.	309 SY SIDEWALK
7 - 8	269+30.16	273+12.40	ROUTE 66 LT.	382' CURB
7	269+51.30		ROUTE 66 LT.	TREE
7 - 8	269+81.55	271+95.43	ROUTE 66 RT.	418 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
7	269+90.98	271+37.75	ROUTE 66 RT.	188' SAWCUT
7	271+19.59	271+25.76	ROUTE 66 LT.	6' SAWCUT
7	271+27.62		ROUTE 66 RT.	LIGHT POLE
7 - 8	271+46.79	274+64.14	ROUTE 66 RT.	350' SAWCUT
7	271+48.43	271+77.82	ROUTE 66 RT.	1.5' STORM PIPE
7	271+77.82		ROUTE 66 RT.	GRATE INLET
7 - 8	271+77.82	271+95.85	ROUTE 66 RT.	1.5' STORM PIPE
8	271+95.43	273+07.55	ROUTE 66 RT.	59 SY SIDEWALK
8	271+95.43	273+07.55	ROUTE 66 RT.	113' CURB
8	271+95.43	273+07.55	ROUTE 66 RT.	94 SY CONRETE PVMT & ASPHLAT PAVMT
8	271+95.85		ROUTE 66 RT.	GRATE INLET
8	271+95.85	273+05.59	ROUTE 66 RT.	1.5' STORM PIPE
8	272+41.01		ROUTE 66 LT.	SIGNAL POLE, MASTARM, FOUNDATION
8	272+42.90	272+55.40	ROUTE 66 LT.	17' SAWCUT
8	272+54.62		ROUTE 66 RT.	SIGNAL POLE, MASTARM, FOUNDATION
8	272+96.73		ROUTE 66 LT.	TREE
8	273+04.60		ROUTE 66	1' STORM PIPE
8	273+05.59		ROUTE 66 RT.	GRATE INLET
8	273+05.59	274+48.91	ROUTE 66 RT.	1.5' STORM PIPE
8	273+05.65		ROUTE 66 LT.	GRATE INLET
8	273+07.55	273+42.59	ROUTE 66 RT.	54 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	273+12.40	273+69.77	ROUTE 66 LT.	104 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	273+12.40	273+16.98	ROUTE 66 LT.	5' SAWCUT
8	273+22.73	275+04.99	ROUTE 66 LT.	191' SAWCUT
8	273+42.59	274+59.14	ROUTE 66 RT.	57 SY SIDEWALK
8	273+42.59	274+59.14	ROUTE 66 RT.	117' CURB
8	273+42.59	274+59.14	ROUTE 66 RT.	162 SY CONCRETE APPROACH & ASPHALT PVMT
8	273+48.48		ROUTE 66 RT.	LIGHT POLE
8	273+63.45		ROUTE 66 LT.	SIGN
8	273+69.77	274+49.36	ROUTE 66 LT.	26 SY SIDEWALK
8	273+69.77	274+49.36	ROUTE 66 LT.	80' CURB
8	273+69.77	275+04.99	ROUTE 66 LT.	61 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	273+70.75	275+04.99	ROUTE 66 LT.	12 BOLLARDS & CHAIN
8	274+48.91		ROUTE 66 RT.	GRATE INLET
8	274+48.91	275+20.42	ROUTE 66 RT.	1.5' STORM PIPE
8	274+59.14	275+17.55	ROUTE 66 RT.	178 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	274+68.14	275+09.12	ROUTE 66 RT.	41' SAWCUT
8	274+70.48		ROUTE 66 RT.	GRATE INLET
8	274+70.48	275+07.07	ROUTE 66 RT.	1' STORM PIPE
8	274+72.68	275+45.52	ROUTE 66 LT.	73' CURB
8	274+72.69	275+45.52	ROUTE 66 LT.	24 SY SIDEWALK
8	275+07.07		ROUTE 66 RT.	GRATE INLET
8	275+07.07	275+20.42	ROUTE 66 RT.	1' STORM PIPE
8	275+13.22	276+56.47	ROUTE 66 RT.	153' SAWCUT
8	275+17.55	276+30.34	ROUTE 66 RT.	68 SY SIDEWALK
8	275+17.55	276+30.34	ROUTE 66 RT.	123' CURB
8	275+17.55	276+30.34	ROUTE 66 RT.	148 SY CONCRETE APPROACH & ASPHALT PVMT
8	275+20.42		ROUTE 66 RT.	GRATE INLET
8 - 9	275+20.42	277+69.82	ROUTE 66 RT.	1.5' STORM PIPE
8	275+45.52	275+78.88	ROUTE 66 LT.	31 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	275+55.48	275+68.98	ROUTE 66 LT.	14' SAWCUT
8	275+78.88	276+59.64	ROUTE 66 LT.	29 SY SIDEWALK
8	275+78.88	276+59.64	ROUTE 66 LT.	81' CURB
8	276+11.37		ROUTE 66 RT.	LIGHT POLE
8	276+30.34	276+67.06	ROUTE 66 RT.	59 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	276+38.57		ROUTE 66 RT.	PULL BOX

*SEE NEXT TABLE FOR CONTINUATION

REMOVAL OF IMPROVEMENTS (J7S2815C)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
8	276+59.64	276+77.64	ROUTE 66 LT.	18' SAWCUT
8	276+59.64	276+77.64	ROUTE 66 LT.	37 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
8	276+67.06	277+77.13	ROUTE 66 RT.	110' CURB
8	276+67.06	277+77.13	ROUTE 66 RT.	68 SY SIDEWALK
8 - 9	276+77.64	277+51.61	ROUTE 66 LT.	28 SY SIDEWALK
8 - 9	276+77.64	277+51.61	ROUTE 66 LT.	67' CURB
9	277+45.34		ROUTE 66 LT.	LIGHT POLE
9	277+45.92		ROUTE 66 LT.	GRATE INLET
9	277+51.39	277+55.66	ROUTE 66 LT.	4' SAWCUT
9	277+51.61	278+09.65	ROUTE 66 LT.	383 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	277+58.05		ROUTE 66	1' STORM PIPE
9	277+64.81	277+95.90	ROUTE 66 LT.	31' SAWCUT
9	277+69.82		ROUTE 66 RT.	GRATE INLET
9	277+69.82	278+55.77	ROUTE 66 RT.	1.5' STORM PIPE
9	277+77.13	278+54.29	ROUTE 66 RT.	227 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	277+84.84	278+30.60	ROUTE 66 RT.	58' SAWCUT
9	278+04.73	278+09.18	ROUTE 66 LT.	4' SAWCUT
9	278+09.65	279+57.57	ROUTE 66 LT.	153' SAWCUT
9	278+09.65	279+83.16	ROUTE 66 LT.	140 SY SIDEWALK
9	278+09.65	279+83.16	ROUTE 66 LT.	172' CURB
9	278+14.24	279+41.61	ROUTE 66 LT.	97 SY PAVED APPROACH & ASPHALT PVMT
9	278+32.34		ROUTE 66 RT.	POWERPOLE
9	278+39.91	278+43.90	ROUTE 66 RT.	4' SAWCUT
9	278+54.29	281+16.41	ROUTE 66 RT.	266' SAWCUT
9	278+54.29	279+59.52	ROUTE 66 RT.	66 SY SIDEWALK
9	278+54.29	279+59.52	ROUTE 66 RT.	105' CURB
9	278+54.29	279+59.52	ROUTE 66 RT.	86 SY PAVED APPROACH & ASPHALT PVMT
9	278+55.77		ROUTE 66 RT.	MANHOLE
9	278+65.73		ROUTE 66 RT.	LIGHT POLE
9	279+59.52	279+93.42	ROUTE 66 RT.	47 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	279+83.16	280+17.07	ROUTE 66 LT.	49 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	279+87.44	281+38.20	ROUTE 66 RT.	229' FENCE
9	279+90.95	280+10.49	ROUTE 66 LT.	20' SAWCUT
9	279+93.42	281+21.60	ROUTE 66 RT.	91 SY SIDEWALK
9	279+93.42	281+21.60	ROUTE 66 RT.	128' CURB
9	279+93.42	281+16.41	ROUTE 66 RT.	34 SY PAVED APPROACH & CONCRETE PVMT
9	280+17.01	280+97.86	ROUTE 66 LT.	81' CURB
9	280+17.07	280+97.86	ROUTE 66 LT.	29 SY SIDEWALK
9	280+97.85	281+38.93	ROUTE 66 LT.	112' SAWCUT
9	280+97.86	281+99.35	ROUTE 66 LT.	324 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	281+21.60	282+01.93	ROUTE 66 RT.	284 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
9	281+34.85		ROUTE 66 RT.	GRATE INLET
9	281+35.50		ROUTE 66	1' STORM PIPE
9	281+36.20		ROUTE 66 LT.	GRATE INLET
9	281+36.20	282+03.44	ROUTE 66 LT.	1.5' STORM PIPE
9	281+36.58		ROUTE 66 RT.	FOOTING
9	281+37.03		ROUTE 66 LT.	POLE
9	281+38.81	281+84.63	ROUTE 66 LT.	94' SAWCUT
9 - 10	281+39.10	283+40.31	ROUTE 66 RT.	244' SAWCUT
9 - 10	281+93.61	283+08.50	ROUTE 66 LT.	130' SAWCUT
9 - 10	281+99.35	282+75.64	ROUTE 66 LT.	38 SY SIDEWALK
9 - 10	281+99.35	282+75.64	ROUTE 66 LT.	76' CURB
9 - 10	281+99.35	282+75.64	ROUTE 66 LT.	83 SY PAVED APPROACH & CONCRETE PVMT
9 - 10	282+01.93	283+15.03	ROUTE 66 RT.	67 SY SIDEWALK
9 - 10	282+01.93	283+15.03	ROUTE 66 RT.	115' CURB
9 - 10	282+01.93	183+15.03	ROUTE 66 RT.	85 SY PAVED APPROACH & CONCRETE PVMT
9	282+02.32		ROUTE 66 LT.	LIGHT POLE
9	282+03.44		ROUTE 66 LT.	GRATE INLET
9 - 10	282+03.44	284+64.90	ROUTE 66 LT.	1.5' STORM PIPE
10	282+75.64	283+51.80	ROUTE 66 LT.	113 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	283+15.03	283+50.96	ROUTE 66 RT.	44 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	283+16.64	283+20.76	ROUTE 66 LT.	2 BUSHES
10	283+23.52	285+13.91	ROUTE 66 LT.	210' SAWCUT
10	283+50.96	284+68.96	ROUTE 66 RT.	54 SY SIDEWALK
10	283+50.96	284+68.98	ROUTE 66 RT.	118' CURB
10	283+51.80	284+66.21	ROUTE 66 LT.	65 SY SIDEWALK
10	283+51.80	284+66.21	ROUTE 66 LT.	115' CURB
10	283+51.80	284+66.21	ROUTE 66 LT.	86 SY PAVED APPROACH & CONCRETE PVMT
10	283+83.58	283+89.10	ROUTE 66 RT.	6' SAWCUT
10	284+64.90		ROUTE 66 LT.	GRATE INLET
10	284+64.90	287+95.16	ROUTE 66 LT.	1.5' STORM PIPE

*SEE NEXT TABLE FOR CONTINUATION

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

REMOVAL OF IMPROVEMENTS (J7S2815C)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
10	284+65.01		ROUTE 66 RT.	1' STORM PIPE
10	284+65.19		ROUTE 66 RT.	GRATE INLET
10	284+66.21	285+28.08	ROUTE 66 LT.	174 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	284+68.98	285+28.4	ROUTE 66 RT.	144 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	284+69.03	284+73.51	ROUTE 66 RT.	4' SAWCUT
10	284+82.71	285+13.89	ROUTE 66 RT.	31' SAWCUT
10	285+23.36	287+98.16	ROUTE 66 RT.	284' SAWCUT
10	285+23.90	287+99.49	ROUTE 66 LT.	285' SAWCUT
10	285+28.08	286+46.72	ROUTE 66 LT.	68 SY SIDEWALK
10	285+28.08	286+46.72	ROUTE 66 LT.	120' CURB
10	285+28.08	286+46.72	ROUTE 66 LT.	134 SY PAVED APPROACH & CONCRETE PVMT
10	285+28.40	286+45.03	ROUTE 66 RT.	45 SY SIDEWALK
10	285+28.40	286+45.03	ROUTE 66 RT.	117' CURB
10	285+28.40	286+45.03	ROUTE 66 RT.	187 SY PAVED APPROACH & CONCRETE PVMT
10	285+29.05	286+30.33	ROUTE 66 RT.	111' CHAIN FENCE
10	285+29.39			LIGHT POLE
10	286+45.03	286+80.86	ROUTE 66 RT.	62 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	286+46.72	286+81.52	ROUTE 66 LT.	62 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	286+47.16		ROUTE 66 LT.	LIGHT POLE
10	286+80.86	287+98.58	ROUTE 66 RT.	87 SY SIDEWALK
10	286+80.86	287+98.58	ROUTE 66 RT.	118' CURB
10	286+80.86	287+98.58	ROUTE 66 RT.	81 SY PAVED APPROACH & CONCRETE PVMT
10	286+81.52	288+00.37	ROUTE 66 LT.	72 SY SIDEWALK
10	286+81.52	288+00.37	ROUTE 66 LT.	119' CURB
10	286+81.52	288+00.37	ROUTE 66 LT.	128 SY PAVED APPROACH & CONCRETE PVMT
10	287+92.73		ROUTE 66 RT.	CURB INLET
10 - 11	287+92.73	289+73.69	ROUTE 66 RT.	1.25' STORM PIPE
10	287+95.16		ROUTE 66 LT.	GRATE INLET
10 10 11	287+95.16	290+15.6	ROUTE 66 LT.	1.5' STORM PIPE
10 - 11	287+98.58	288+57.85	ROUTE 66 RT.	312 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
10	287+98.66	288+04.55	ROUTE 66 RT.	39' SAWCUT
10	288+00.36	288+04.46	ROUTE 66 LT.	4' SAWCUT
10 - 11	288+00.37	288+57.73	ROUTE 66 LT.	372 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
11	288+13.63	288+44.32	ROUTE 66 LT.	31' SAWCUT
11	288+14.17	288+43.67	ROUTE 66 RT.	30' SAWCUT
11	288+53.29	288+58.08	ROUTE 66 LT.	5' SAWCUT
11	288+53.49	288+57.85	ROUTE 66 RT.	37' SAWCUT
11	288+57.73	289+77.68	ROUTE 66 LT.	55 SY SIDEWALK
11	288+57.73	289+77.68	ROUTE 66 LT.	120' CURB
11	288+57.73	289+66.88	ROUTE 66 LT.	78 SY ASPHALT PVMT
11	288+57.85	289+81.73	ROUTE 66 RT.	71 SY SIDEWALK
11	288+57.85	289+81.73	ROUTE 66 RT.	124' CURB
11	288+57.85	289+81.73	ROUTE 66 RT.	91 SY PAVED APPROACH & CONCRETE PVMT
11	288+58.35	289+99.76	ROUTE 66 RT.	149' SAWCUT
11	288+58.49	289+66.88	ROUTE 66 LT.	114' SAWCUT
11	288+59.07	289+84.07	ROUTE 66 LT.	PIPE FENCE AND 4 LIGHT POSTS
11	288+59.87		ROUTE 66 LT.	LIGHT POLE
11	289+73.69		ROUTE 66 RT.	GRATE INLET
11	289+73.69	290+00.47	ROUTE 66 RT.	1.25' STORM PIPE
11	289+74.40		ROUTE 66 RT.	LIGHT POLE
11	289+77.68	290+13.19	ROUTE 66 LT.	32 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
11	289+81.73	290+21.91	ROUTE 66 RT.	60 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
11	289+84.88	290+03.65	ROUTE 66 LT.	19' SAWCUT
11	290+13.19	291+31.11	ROUTE 66 LT.	60 SY SIDEWALK
11	290+13.19	291+31.11	ROUTE 66 LT.	118' CURB
11	290+13.19	291+31.11	ROUTE 66 LT.	68 SY PAVED APPROACH & ASPHALT PVMT
11	290+15.60		ROUTE 66 LT.	GRATE INLET
11	290+15.60	290+33.75	ROUTE 66 LT.	1.5' STORM PIPE
11	290+21.65	291+35.17	ROUTE 66 LT.	130' SAWCUT
11	290+21.91	291+30.56	ROUTE 66 RT.	50 SY SIDEWALK
11	290+21.91	291+30.56	ROUTE 66 RT.	109' CURB
11	290+36.80	290+99.16	ROUTE 66 LT.	3 POSTS
11	291+30.35	291+34.62	ROUTE 66 RT.	4' SAWCUT
11	291+30.56	291+92.54	ROUTE 66 RT.	211 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
11	291+31.11	291+90.81	ROUTE 66 LT.	138 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
11	291+39.17	291+80.73	ROUTE 66 LT.	42' SAWCUT
11	291+44.95	293+37.08	ROUTE 66 RT.	218' SAWCUT
11	291+82.03	291+93.11	ROUTE 66 RT.	2' STORM PIPE
11	291+85.09	291+90.1	ROUTE 66 LT.	5' SAWCUT
11 - 12	291+90.81	296+44.98	ROUTE 66 LT.	303 SY SIDEWALK
11 - 12	291+90.81	296+51.96	ROUTE 66 LT.	465' CURB

*SEE NEXT TABLE FOR CONTINUATION

REMOVAL OF IMPROVEMENTS (J7S2815C)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
11	291+92.54	293+09.85	ROUTE 66 RT.	117' CURB
11	291+92.54	293+09.85	ROUTE 66 RT.	39 SY PAVED APPROACH & CONCRETE PVMT
11	291+92.54	293+09.85	ROUTE 66 RT.	70 SY SIDEWALK
11	291+93.11		ROUTE 66 RT.	GRATE INLET
11	291+98.79		ROUTE 66 RT.	LIGHT POLE
11	292+09.30		ROUTE 66 LT.	UTILITY POLE
11	293+09.85	293+45.00	ROUTE 66 RT.	33 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	293+45.00	294+63.56	ROUTE 66 RT.	76 SY SIDEWALK
12	293+45.00	194+63.56	ROUTE 66 RT.	119' CURB
12	293+84.03	294+59.88	ROUTE 66 RT.	76' SAWCUT
12	293+84.03	294+63.56	ROUTE 66 RT.	24 SY PAVED APPROACH & ASPHALT PVMT
12	294+63.56	295+41.34	ROUTE 66 RT.	449 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	294+64.94		ROUTE 66 RT.	LIGHT POLE
12	294+67.88	294+75.55	ROUTE 66 RT.	42' SAWCUT
12	294+80.88	295+21.88	ROUTE 66 RT.	41' SAWCUT
12	294+81.84		ROUTE 66 RT.	GRATE INLET
12	294+81.84	295+17.91	ROUTE 66 RT.	1.25' STORM PIPE
12	294+84.52		ROUTE 66 RT.	GRATE INLET
12	295+17.90		ROUTE 66	2' STORM PIPE
12	295+18.83	295+39.61	ROUTE 66 LT.	1.25' STORM PIPE
12	295+18.87	295+39.46	ROUTE 66 RT.	1.25' STORM PIPE
12	295+25.57	296+85.02	ROUTE 66 RT.	196' SAWCUT
12	295+29.29		ROUTE 66 RT.	SIGNAL CABINET
12	295+39.46		ROUTE 66 RT.	GRATE INLET
12	295+39.61		ROUTE 66 LT.	GRATE INLET
12	295+41.34	296+58.34	ROUTE 66 RT.	86 SY SIDEWALK
12	295+41.34	296+58.34	ROUTE 66 RT.	117' CURB
12	295+41.34	296+58.34	ROUTE 66 RT.	135 SY PAVED APPROACH & CONCRETE PVMT
12	295+42.68		ROUTE 66 RT.	SIGNAL POLE, MASTARM, FOUNDATION
12	295+42.88	296+49.02	ROUTE 66 RT.	12 PARKING BLOCKS
12	296+38.98	296+46.93	ROUTE 66 LT.	17' SAWCUT
12	296+43.86		ROUTE 66 LT.	VAULT
12	296+44.98	296+92.33	ROUTE 66 LT.	64 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	296+58.34	296+90.92	ROUTE 66 RT.	64 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	296+63.91	298+16.38	ROUTE 66 LT.	181' SAWCUT
12	296+90.92	298+19.49	ROUTE 66 RT.	87 SY SIDEWALK
12	296+90.92	298+19.49	ROUTE 66 RT.	129' CURB
12	296+92.33	298+16.76	ROUTE 66 LT.	80 SY SIDEWALK
12	296+92.33	298+16.76	ROUTE 66 LT.	124' CURB
12	296+92.33	298+16.76	ROUTE 66 LT.	44 SY PAVED APPROACH & CONCRETE PVMT
12	298+08.83		ROUTE 66 LT.	SIGNAL POLE, MASTARM, FOUNDATION
12 - 13	298+16.76	298+97.80	ROUTE 66 LT.	431 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12 - 13	298+19.49	298+98.96	ROUTE 66 RT.	357 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
12	298+19.75	298+79.21	ROUTE 66 RT.	70' SAWCUT
12	298+19.81	298+79.36	ROUTE 66 LT.	60' SAWCIT
12	298+20.72		ROUTE 66 RT.	SIGNAL CABINET
12	298+22.82		ROUTE 66 RT.	PEDESTRIAN PEDESTAL, FOUNDATION
12	298+25.83		ROUTE 66 LT.	SIGNAL POLE, MASTARM, FOUNDATION
12	298+63.92	298+84.52	ROUTE 66 RT.	1.25' STORM PIPE
12	298+63.95		ROUTE 66	2' STORM PIPE
12	298+64.78	298+84.41	ROUTE 66 LT.	1.25' STORM PIPE
12	298+72.71		ROUTE 66 LT.	SIGNAL POLE, MASTARM, FOUNDATION
12	298+77.88		ROUTE 66 LT.	LIGHT POLE & SIGN
12	298+78.61		ROUTE 66 RT.	PEDESTRIAN PEDESTAL, FOUNDATION
12	298+83.72		ROUTE 66 RT.	LIGHT POLE
12	298+84.41		ROUTE 66 LT.	GRATE INLET
13	298+91.03		ROUTE 66 RT.	SIGNAL POLE, MASTARM, FOUNDATION
13	298+97.80	301+26.48	ROUTE 66 LT.	173 SY SIDEWALK
13	298+97.80	301+26.48	ROUTE 66 LT.	229' CURB
13	298+98.96	301+27.23	ROUTE 66 RT.	269 SY SIDEWALK
13	298+98.96	301+27.23	ROUTE 66 RT.	230' CURB
13	299+39.76		ROUTE 66 LT.	LIGHT POLE
13	299+66.36	299+78.36	ROUTE 66 RT.	12' SAWCUT
13	299+73.72	299+80.16	ROUTE 66 LT.	6' SAWCUT
13	300+39.47	300+51.47	ROUTE 66 RT.	12' SAWCUT
13	300+41.49	301+23.37	ROUTE 66 LT.	82' SAWCUT
13	300+41.49	301+26.48	ROUTE 66 LT.	54 SY ASPHALT PAVEMENT
13	300+79.58		ROUTE 66 LT.	LIGHT POLE
13	301+21.07		ROUTE 66 RT.	VAULT
13	301+26.48	302+00.83	ROUTE 66 LT.	237 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
13	301+27.23	302+22.75	ROUTE 66 RT.	487 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT

*SEE NEXT TABLE FOR CONTINUATION

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

QUANTITIES
SHEET 3 OF 22

CONCRETE STAIRS (CITY OWNED)

SHEET	STA.	OFFSET (FT)	LOCATION	NUMBER OF STAIRS	STAIR WIDTH (FT)	STAIR RISE (IN)	STAIR TREAD (IN)	STAIR SLOPE RATIO	CLASS B-1 CONCRETE ITEM 7034001 (CY)	REINFORCING STEEL ITEM 7061000 (LB)
5	259+74.07	29.50	RTE 66 LT	3	4.0	6	12	1:2	0.44	20
6	261+98.61	29.50	RTE 66 LT	1	2.5	6	12	1:2	0.20	9.6
6	263+36.13	29.50	RTE 66 RT	4	4.0	6	12	1:2	0.57	27
6	263+74.46	29.70	RTE 66 RT	4	6.5	6	12	1:2	0.89	42
8	276+41.15	29.50	RTE 66 LT	2	3.0	6	12	1:2	0.25	13
								TOTAL	2.35	111.6
								PAY TOTAL	2.4	112
								USE	2.4	110

REMOVAL OF IMPROVEMENTS (J7S2815C)

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
13	301+34.21	301+99.55	ROUTE 66 RT.	82' SAWCUT
13	301+36.58		ROUTE 66 LT.	SIGNAL POLE, MASTARM, FOUNDATION
13	301+36.84	301+99.58	ROUTE 66 LT.	76' SAWCUT
13	301+37.93		ROUTE 66 RT.	LIGHT POLE
13	301+46.08		ROUTE 66 RT.	SIGNAL POLE, MASTARM, FOUNDATION
13	301+50.60	301+83.27	ROUTE 66 RT.	1.25' STORM PIPE
13	301+83.27	303+32.40	ROUTE 66 RT.	1.5' STORM PIPE
13	301+83.35		ROUTE 66	2' STORM PIPE
13	301+92.61		ROUTE 66 RT.	FIRE HYDRANT
13	301+93.88		ROUTE 66 RT.	SIGNAL POLE, MASTARM, FOUNDATION
13	302+00.83	302+69.90	ROUTE 66 LT.	62 SY SIDEWALK
13	302+00.83	302+69.90	ROUTE 66 LT.	69' CURB
13	302+09.06		ROUTE 66 RT.	SIGNAL POLE, MASTARM, FOUNDATION
13	302+22.75	302+82.44	ROUTE 66 RT.	37 SY SIDEWALK
13	302+22.75	302+82.44	ROUTE 66 RT.	60' CURB
13	302+69.57	303+03.82	ROUTE 66 LT.	34' SAWCUT
13	302+69.90	303+51.01	ROUTE 66 LT.	150 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
13	302+82.44	303+45.71	ROUTE 66 RT.	129 SY PAVED APPROACH, CURB, SW & ASPHALT PVMT
13	302+82.62	303+21.11	ROUTE 66 RT.	65' SAWCUT
13	303+14.68	303+40.11	ROUTE 66 LT.	25' SAWCUT
13	303+21.11	303+32.40	ROUTE 66 RT.	1.25' STORM PIPE
13	303+32.40	304+44.39	ROUTE 66 RT.	1.5' STORM PIPE
13	303+45.71	304+20.00	ROUTE 66 RT.	52 SY SIDEWALK
13	303+45.71	304+20.00	ROUTE 66 RT.	90' CURB
13	303+51.01	303+51.01	ROUTE 66 LT.	76 SY SIDEWALK
13	304+20.00		ROUTE 66	74' SAWCUT
13	304+20.00	304+20.00	ROUTE 66 LT.	69' CURB
1 LUMP SUM				

WALGREENS SMALL BLOCK WALL SYSTEM AND PEDESTRIAN FENCE (J7S2185C)

SHEET NO.	STA.	STA.	LOCATION	WALGREENS SMALL BLOCK WALL SYSTEM (SF)	DECORATIVE PEDESTRIAN FENCE (LF)
14	8+86.89	9+48.82	MAIDEN LN RT		78
14	8+87.06	9+50.00	MAIDEN LN RT	155	
			TOTAL	155	78

EARTHWORK (J7S2185C)

STA.	STA.	LOC.	UNCLASSIFIED EXCAVATION (CY)	COMPACTING EMBANKMENT (CY)	COMPACTING IN CUT (STA)
252+19.89	304+20.00	ROUTE 66	12934	96	52.0
8+89.41	9+67.04	MAIDEN LANE NORTH	374	13	0.8
10+22.00	10+97.19	MAIDEN LANE SOUTH	399	8	0.8
		TOTALS	13707	117	53.6

CONTRACTOR FURNISHED SURVEYING & STAKING (J7S2185C)

1 LUMP SUM

MOBILIZATION (J7S2185C)

1 LUMP SUM

DEMOLITION & REMOVAL OF BUILDINGS (J7S2185C)

1 LUMP SUM

INTELLIGENT COMPACTION FOR SUBGRADE (J7S2185C)

1 LUMP SUM

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED: 10/13/2025

ROUTE: 66 | STATE: MO

DISTRICT: SW | SHEET NO.: 3

COUNTY: JASPER

JOB NO.: J7S2185C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

QUANTITIES
SHEET 4 OF 22

PAVEMENT (J7S2185C)

SHEET NO.	STA.	STA.	LOCATION	ALTERNATE C (SY)	ALTERNATE D (SY)	9.5" PCCP (SY)	PLANT MIX BITUMIMOUS PAVEMENT (BP-1) (1.75") (TON)	PLANT MIX BITUMIMOUS PAVEMENT (BASE) (6.25") (TON)	6" PCCP (SY)	6" TYPE 5 AGGREGATE (SY)	TACK COAT (GAL)	REMARKS
4 – 5	252+19.89	256+13.36	ROUTE 66	3944.0	3944.0					3944		
4	252+59.14	252+71.14	ROUTE 66 LT.			4.8						
4	253+73.50	253+87.85	ROUTE 66 RT.				4.2	14.8		44	5	PARKING LOT PAVEMENT
5 – 13	256+13.36	304+20.00	ROUTE 66			28437.3				28437		
5	257+36.54	257+54.35	ROUTE 66 LT.				2.8	9.9		29	3	PARKING LOT PAVEMENT
5	257+40.64	257+91.35	ROUTE 66 RT.				1.8	6.4		19	2	PARKING LOT PAVEMENT
5	257+95.01	258+40.15	ROUTE 66 LT.				4.8	17.1		51	6	PARKING LOT PAVEMENT
5	258+33.62	258+86.53	ROUTE 66 RT.				3.3	11.7		35	4	PARKING LOT PAVEMENT
5	258+69.56	258+80.54	ROUTE 66 LT.				1.3	4.7		14	2	PARKING LOT PAVEMENT
13	302+69.57	302+74.86	ROUTE 66 LT.						5.0	5		PARKING LOT PAVEMENT
13	302+98.86	303+03.82	ROUTE 66 LT.						4.7	5		PARKING LOT PAVEMENT
13	303+14.68	303+19.61	ROUTE 66 LT.						4.7	5		PARKING LOT PAVEMENT
			TOTAL	3944.0	3944.0	28442.1	18.2	64.6	14.4	32588	22	

SIDEWALK, CURB RAMP, TRUNCATED DOMES, TYPE 1 AGGREGATE (J7S2185C)

SHEET NO.	STA.	STA.	LOCATION	SIDEWALK 4" THICK (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SF)	4" TYPE 1 AGGREGATE (SY)
4	252+19.89	252+67.70	RTE 66 LT.	34.0			34
4	252+24.29	252+79.49	RTE 66 RT.	44.6			45
4	252+67.70	252+82.72	RTE 66 LT.		13.5	12	14
4	252+79.49	252+99.35	RTE 66 RT.		34.9	28	35
4	252+82.72	252+98.27	RTE 66 LT.	21.9			22
4	252+99.35	253+10.75	RTE 66 RT.	17.1			17
4	252+95.26		RTE 66 LT.			10	0
4	252+98.17		RTE 66 LT.			10	0
4	253+05.63		RTE 66 LT.			10	0
4	253+79.69	254+06.70	RTE 66 RT.		27.5	30	28
4	253+83.21	254+21.79	RTE 66 LT.		37.3	30	37
4	254+21.79	254+59.93	RTE 66 LT.	33.9			34
4	254+47.79	254+57.00	RTE 66 RT.		7.2		7
4	254+57.00	254+67.80	RTE 66 RT.	33.9			112
4	254+59.93	254+80.55	RTE 66 LT.		13.8		14
4	254+63.00	254+80.16	RTE 66 RT.		11.7		12
4	255+11.68	255+29.85	RTE 66 RT.		12.4		12
4	255+26.31	255+47.93	RTE 66 LT.		14.6		15
4	255+29.85	256+66.61	RTE 66 LT.	91.2			112
4	255+47.93	256+61.48	RTE 66 LT.	75.6			112
5	256+61.48	256+78.63	RTE 66 LT.		11.7		12
5	256+66.61	256+85.37	RTE 66 RT.		16.1	14	16
5	256+73.61	256+79.44	RTE 66 RT.	5.4			5
5	257+05.26	257+23.41	RTE 66 LT.		12.4		12
5	257+22.37	257+43.99	RTE 66 RT.		18.9	13	19
5	257+23.41	257+46.83	RTE 66 LT.	15.6			16
5	257+28.99	257+33.50	RTE 66 RT.	5.7			6
5	257+43.99	257+74.98	RTE 66 RT.	20.7			21
5	257+46.83	257+54.83	RTE 66 LT.		6.2		6
5	257+74.98	257+91.15	RTE 66 RT.		10.0		10
5	257+93.78	258+02.77	RTE 66 LT.		7.0		7
5	258+02.77	258+32.08	RTE 66 LT.	19.6			20
5	258+32.08	258+40.07	RTE 66 LT.		6.2		6
5	258+33.82	258+51.98	RTE 66 RT.		10.4		10
5	258+51.98	258+69.03	RTE 66 RT.	11.4			11
5	258+69.03	258+85.32	RTE 66 LT.		10.2	20	10
5	258+69.03	258+85.74	RTE 66 RT.		11.0	20	11
10	302+00.00	302+07.60	RTE 66 LT.		5.9		6
6 – 7	302+07.60	302+66.86	RTE 66 LT.	66.2			66
7	302+66.86	302+74.86	RTE 66 LT.		9.8		10
7	302+98.86	303+19.61	RTE 66 LT.		23.0	28	23
7	303+40.11	303+58.11	RTE 66 LT.		19.6	28	20
7	303+58.11	304+20.00	RTE 66 LT.	68.8			69
			TOTAL	545.2	351.3	253	899

CONCRETE MEDIAN (J7S2185C)

SHEET NO.	STA.	STA.	LOCATION	8" CONC. MEDIAN STRIP (SY)
4	252+74.57	252+89.32	ROUTE 66 RT.	2.4
4	252+90.66	252+98.66	ROUTE 66 LT.	6.1
4	252+94.59	253+00.13	ROUTE 66 RT.	2.0
4	252+98.13	253+07.60	ROUTE 66 LT.	7.7
4	253+01.55	253+09.91	ROUTE 66 RT.	3.0
4	253+03.02	253+07.65	ROUTE 66 LT.	3.3
4	253+82.36	253+91.97	ROUTE 66 RT.	3.7
4	253+87.60	253+91.96	ROUTE 66 LT.	1.1
4	253+97.97	254+04.27	ROUTE 66 RT.	2
4	253+98.46	254+17.39	ROUTE 66 LT.	2.8
			TOTALS	34.1

ENTRANCES (J7S2185C)

SHEET NO.	STA.	LOCATION	TYPE	WIDTH	RADIUS	8" PAVED APPROACH (SY)	4" TYPE 5 AGGREGATE (SY)	LINEAR GRADING (STA)
4	254+25.29	ROUTE 66 RT.	III	30	2 & 7.5	112.2	112	0.5
4	254+95.92	ROUTE 66 RT.	III	29.85	10	71.1	71	0.2
4	255+03.43	ROUTE 66 LT.	III	40	15.5	100.1	100	0.2
5	256+92.31	ROUTE 66 LT.	III	25	10	57.3	57	0.2
5	257+75.03	ROUTE 66 LT.	III	40		105.6	106	0.2
5	258+12.48	ROUTE 66 RT.	III	41	10	71.9	72	0.1
5	258+55.14	ROUTE 66 LT.	III	30		68.9	69	0.2
5	258+92.78	ROUTE 66 RT.	III	12	10	31.6	32	0.3
5	258+93.31	ROUTE 66 LT.	III	33	10	44.6	45	0.5
13	302+86.86	ROUTE 66 LT.	III	24	0	52	52	0.2
13	303+29.86	ROUTE 66 LT.	III	20.5	10	50.3	50	0.2
					TOTALS	765.6	766	2.8

PLANT MIX BITUMINOUS PAVEMENT PG64-22 (BP-1) (J7S2185C)

453 TON

NOTE: ASPHALT WEDGING FOR PAVEMENT ELEVATION DIFFERENCES BETWEEN CONSTRUCTION PHASES

MISC. TEMPORARY SURFACING (J7S2185C)

PLANT MIX BITUMINOUS PAVEMENT PG64-22 (BP-1)

4700 TON

NOTE: LOCATIONS OF TEMPORARY SURFACING TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 10/13/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

CONCRETE CURB & GUTTER (J7S2185C)

SHEET NO.	STA.	STA.	LOCATION	TYPE B CURB AND GUTTER (LF)	2 FT 6 IN CURB AND GUTTER (LF)	2 FT INTEGRAL CONCRETE CURB (LF)	INTEGRAL CURB (>6 IN. HEIGHT) (TYPE A) (LF)	TYPE S CURB (<= 6" HEIGHT) (LF)	MODIFIED S-CURB (LF)	6" TYPE 5 AGGREGATE (SY)
4	252+19.89	253+03.58	ROUTE 66 LT.	116						58
4	252+24.29	253+11.25	ROUTE 66 RT.	115						58
4	252+36.41	252+70.94	ROUTE 66 RT.					33		
4	252+57.81	252+89.92	ROUTE 66 RT.		49					22
4	252+59.14	252+70.64	ROUTE 66 LT.					18		
4	252+70.94	252+99.35	ROUTE 66 RT.						49	
4	253+79.13	254+01.15	ROUTE 66 RT.						30	
4	253+69.57	254+67.93	ROUTE 66 LT.	116						58
4	253+73.00	254+02.17	ROUTE 66 RT.	57						29
4	253+87.85	254+10.79	ROUTE 66 RT.					10		
4	254+08.03	254+33.05	ROUTE 66 LT.					26		
4	254+47.79	254+71.00	ROUTE 66 RT.	23						12
4	254+78.66	254+81.93	ROUTE 66 LT.			10				4
4 – 5	255+20.85	256+63.36	ROUTE 66 RT.	142						71
4	255+24.93	255+28.21	ROUTE 66 LT.			10				4
4 – 5	255+38.93	256+69.15	ROUTE 66 LT.	130						65
5	256+63.36	256+88.85	ROUTE 66 RT.				58			
5	257+18.85	257+81.98	ROUTE 66 RT.				95			
5	257+43.99	257+74.98	ROUTE 66 RT.					31		
5	257+93.46	258+39.75	ROUTE 66 LT.	46						23
5	258+33.62	258+86.53	ROUTE 66 RT.					75		
5	258+42.98	258+76.03	ROUTE 66 RT.				33			
5	258+68.72	258+75.85	ROUTE 66 LT.	7						4
5	259+07.85	260+69.28	ROUTE 66 LT.				195			
5	259+09.53	260+69.07	ROUTE 66 RT.				181			
5 – 6	260+99.00	262+48.96	ROUTE 66 LT.				183			
5 – 6	260+99.14	262+58.49	ROUTE 66 RT.				180			
6	262+89.49	264+48.94	ROUTE 66 RT.				192			
6	262+92.96	263+78.26	ROUTE 66 LT.				85			
6	264+08.26	264+49.59	ROUTE 66 LT.				51			
6	264+78.84	265+19.22	ROUTE 66 RT.				73			
6	264+79.09	265+56.90	ROUTE 66 LT.				95			
6	265+49.22	266+07.31	ROUTE 66 RT.				58			
6 – 7	265+86.90	266+54.57	ROUTE 66 LT.				68			
6 – 7	266+37.31	266+55.25	ROUTE 66 RT.				18			
7	266+87.25	267+08.25	ROUTE 66 RT.				21			
7	266+89.32	266+96.57	ROUTE 66 LT.				7			
7	267+18.57	268+04.04	ROUTE 66 LT.				85			
7	267+53.25	268+21.07	ROUTE 66 RT.				77			
7	268+34.04	268+81.35	ROUTE 66 LT.				62			
7	268+50.65	269+85.99	ROUTE 66 RT.				184			
7 – 8	269+21.33	273+23.24	ROUTE 66 LT.				461			
7	270+09.69	270+27.74	ROUTE 66 RT.				18			
7	270+67.74	271+47.29	ROUTE 66 RT.				102			
7 – 8	271+78.01	273+07.55	ROUTE 66 RT.				145			
8	273+43.55	273+71.30	ROUTE 66 RT.				28			
8	273+59.60	274+49.36	ROUTE 66 LT.				101			
8	274+01.30	274+68.64	ROUTE 66 RT.				93			
8	274+72.36	275+45.48	ROUTE 66 LT.				73			
8	275+08.62	275+45.69	ROUTE 66 RT.				63			
8	275+78.98	276+59.64	ROUTE 66 LT.				81			
8	276+05.69	276+33.97	ROUTE 66 RT.				28			
8 – 9	276+66.47	277+99.95	ROUTE 66 RT.				143			
8 – 9	276+77.64	277+65.36	ROUTE 66 LT.				101			
9	277+65.32		ROUTE 66 LT.				13			
9	277+95.40	278+39.50	ROUTE 66 LT.				112			
9	278+30.10	278+82.89	ROUTE 66 RT.				80			
9	278+63.50	278+95.36	ROUTE 66 LT.				32			
9	279+17.89	279+26.03	ROUTE 66 RT.				8			
9	279+30.36	279+90.95	ROUTE 66 LT.				61			
9	279+52.03	279+60.17	ROUTE 66 RT.				8			
9	279+96.17	281+47.61	ROTUE 66 RT.				163			
9	280+10.49	281+53.13	ROUTE 66 LT.				164			
9 – 10	281+84.13	282+74.18	ROUTE 66 LT.				111			
9	281+87.37	282+21.07	ROUTE 66 RT.				46			
10	282+91.07	283+15.31	ROUTE 66 RT.				24			
10	283+14.68	283+17.67	ROUTE 66 LT.				3			
10	283+50.31	284+83.21	ROUTE 66 RT.				157			
10	283+52.67	283+56.82	ROUTE 66 LT.				5			
10	283+97.64	284+83.18	ROUTE 66 LT.				98			
10	285+13.39	286+16.35	ROUTE 66 RT.				127			
			SUBTOTAL-1	752	49	20	4650	193	79	408

STORM MANHOLE ADJUSTMENTS (J7S2185C)

SHEET NO.	STA.	LOCATION	ADJUSTING MANHOLE (EA)
4	253+72.15	ROUTE 66 LT	1
4	253+87.84	ROUTE 66 RT	1
11	291+79.21	ROUTE 66 RT	1
		TOTAL	3

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER MO# PE-2010019516

DATE PREPARED 10/7/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY JASPER

JOB NO. J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
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CERTIFICATE OF
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QUANTITIES
SHEET 6 OF 22

CONCRETE CURB & GUTTER (J7S2185C)

SHEET NO.	STA.	STA.	LOCATION	TYPE B CURB AND GUTTER (LF)	2 FT 6 IN CURB AND GUTTER (LF)	2 FT INTEGRAL CONCRETE CURB (LF)	INTEGRAL CURB (> 6 IN. HEIGHT) (TYPE A) (LF)	TYPE S CURB (<= 6" HEIGHT) (LF)	MODIFIED S-CURB (LF)	6" TYPE 5 AGGREGATE (SY)
10	285+13.41	285+98.08	ROUTE 66 LT.				108			
10	286+37.35	286+45.35	ROUTE 66 RT.				8			
10	286+38.08	286+44.97	ROUTE 66 LT.				7			
10	286+81.35	286+98.60	ROUTE 66 RT.				17			
10	286+82.97	286+91.08	ROUTE 66 LT.				8			
10 - 11	287+28.60	288+14.18	ROUTE 66 RT.				98			
10 - 11	287+31.08	288+14.17	ROUTE 66 LT.				93			
11	288+14.14		ROUTE 66 LT.				7			
11	288+43.68	289+20.73	ROUTE 66 RT.				89			
11	288+44.00	289+74.88	ROUTE 66 LT.				145			
11	289+70.73	289+75.73	ROUTE 66 RT.				5			
11	290+11.73	291+44.35	ROUTE 66 RT.				161			
11	290+13.65	291+39.67	ROUTE 66 LT.				142			
11	291+74.54	293+11.08	ROUTE 66 RT.				153			
11 - 12	291+80.23	296+53.41	ROUTE 66 LT.				490			
12	293+45.08	294+81.33	ROUTE 66 RT.				147			
12	295+21.38		ROUTE 66 RT.				6			
12	295+21.42	296+57.02	ROUTE 66 RT.				146			
12	296+93.02	298+29.13	ROUTE 66 RT.				145			
12	296+95.41	298+29.92	ROUTE 66 LT.				143			
12 - 13	298+68.68	301+49.86	ROUTE 66 RT.				326			
12 - 13	298+68.96	301+49.33	ROUTE 66 LT.				319			
13	301+89.55	302+85.75	ROUTE 66 RT.				158			
13	301+89.58	302+00.00	ROUTE 66 LT.				37			
13	302+00.00	302+74.86	ROUTE 66 LT.				75			
13	302+98.86	303+09.61	ROUTE 66 LT.				11			
13	303+01.75	303+09.60	ROUTE 66 RT.				8			
13	303+49.60	304+20.00	ROUTE 66 RT.				70			
13	303+50.11	304+20.00	ROUTE 66 LT.				70			
		SUBTOTAL-2		0	0	0	3192	0	0	0
		SUBTOTAL-1		752	49	20	4650	193	79	408
		TOTAL		752	49	20	7842	193	79	408

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

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DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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550 ST. LOUIS STREET
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PAVEMENT MARKING

STA.	STA.	LOCATION	PREFORMED THERMOPLASTIC					CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)		
			24" MIDBLOCKS SOLID WHITE (L.F.)	24" STOP BAR SOLID WHITE (L.F.)	24" DIAGONAL SOLID YELLOW (L.F.)	24" YIELD TRIANGLE WHITE (EACH)	LEFT/RIGHT TURN ARROW (EACH)	4" SOLID YELLOW (L.F.)	4" SOLID WHITE (L.F.)	4" INTERMITTENT WHITE (L.F.)
252+20.89	257+59.89	ROUTE 66	498.00	158.00	79.00	5.00	1.00	1396.00	455.00	158.00
257+59.89	262+99.89	ROUTE 66			14.00			1312.00		271.00
262+99.89	268+39.89	ROUTE 66						1080.00		271.00
268+39.89	273+79.89	ROUTE 66	66.00					1068.00		271.00
273+79.89	279+19.89	ROUTE 66						1080.00		271.00
279+19.89	284+59.89	ROUTE 66	66.00	44.00				890.00		223.00
284+59.89	289+99.89	ROUTE 66						1080.00		271.00
289+99.89	295+39.89	ROUTE 66	66.00	43.00				1032.00	55.00	231.00
295+39.89	300+79.89	ROUTE 66	270.00	107.00	4.00			1078.00	33.00	228.00
300+79.89	304+18	ROUTE 66	294.00	97.00	15.00		2.00	582.00	253.00	80.00
TOTAL:			1260	449	112	5	3	10598	796	2275

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/13/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

QUANTITIES
SHEET 8 OF 22

TEMPORARY EROSION CONTROL (J7S2185C)

SHEET NO.	STA.	LOCATION	STA.	LOCATION	PHASE	CURB INLET CHECK (EACH)	SILT FENCE (FT)	SODDING TURF TYPE TALL FESCUE (SY)	SEDIMENT REMOVAL (CY)
127	252+18.84	ROUTE 66 LT	252+96.69	ROUTE 66 LT	CONSTRUCTION		113		2
127	252+24.03	ROUTE 66 RT	252+31.10	ROUTE 66 RT	CONSTRUCTION		7		1
127	252+36.57	ROUTE 66 RT	253+06.94	ROUTE 66 RT	CONSTRUCTION		107		2
127	10+92.10	MAIDEN LANE			CONSTRUCTION	1			1
127	253+70.61	ROUTE 66 LT	254+32.96	ROUTE 66 LT	CONSTRUCTION		99		1
127	253+73.88	ROUTE 66 RT	254+10.60	ROUTE 66 RT	CONSTRUCTION		72		1
127	254+38.61	ROUTE 66 LT	254+81.43	ROUTE 66 LT	CONSTRUCTION		43		1
127	254+40.05	ROUTE 66 LT			CONSTRUCTION	1			1
127	254+40.61	ROUTE 66 RT	254+62.08	ROUTE 66 RT	CONSTRUCTION		21		1
127	254+59.66	ROUTE 66 RT			CONSTRUCTION	1			1
127	254+67.51	ROUTE 66 RT	254+80.74	ROUTE 66 RT	CONSTRUCTION		15		1
127 & 128	255+11.34	ROUTE 66 RT	256+74.79	ROUTE 66 RT	CONSTRUCTION		173		2
127 & 128	255+25.24	ROUTE 66 LT	256+79.76	ROUTE 66 LT	CONSTRUCTION		157		2
127	255+35.00	ROUTE 66 RT			CONSTRUCTION	1			1
127	255+49.93	ROUTE 66 LT			CONSTRUCTION	1			1
128	256+10.00	ROUTE 66 RT			CONSTRUCTION	1			1
128	256+49.87	ROUTE 66 LT			CONSTRUCTION	1			1
128	256+79.97	ROUTE 66 RT	256+88.11	ROUTE 66 RT	CONSTRUCTION		27		1
128	0+44.00	HARLEM AVE RT & LT			CONSTRUCTION	2			2
128	257+04.37	ROUTE 66 LT	257+37.07	ROUTE 66 LT	CONSTRUCTION		33		1
128	257+29.63	ROUTE 66 LT			CONSTRUCTION	1			1
128	257+67.75	ROUTE 66 RT			CONSTRUCTION	1			1
128	258+27.70	ROUTE 66 LT			CONSTRUCTION	1			1
128	258+27.70	ROUTE 66 RT			CONSTRUCTION	1			1
136	302+15.20	ROUTE 66 LT			CONSTRUCTION	1			1
137	252+02.70	ROUTE 66 LT	252+97.31	ROUTE 66 LT	FINAL			66	
137	252+54.29	ROUTE 66 RT	252+31.41	ROUTE 66 RT	FINAL			6	
137	252+36.41	ROUTE 66 RT	253+06.75	ROUTE 66 RT	FINAL			71	
137	253+70.07	ROUTE 66 LT	253+79.90	ROUTE 66 LT	FINAL			16	
137	253+77.28	ROUTE 66 RT	254+33.05	ROUTE 66 LT	FINAL			35	
137	254+38.55	ROUTE 66 LT	254+81.43	ROUTE 66 LT	FINAL			14	
137	254+40.29	ROUTE 66 RT	254+61.80	ROUTE 66 RT	FINAL			7	
137	254+63.01	ROUTE 66 RT	254+81.00	ROUTE 66 RT	FINAL			8	
137 & 138	255+10.85	ROUTE 66 RT	256+74.89	ROUTE 66 RT	FINAL			90	
137 & 138	255+25.43	ROUTE 66 LT	256+79.83	ROUTE 66 LT	FINAL			27	
138	256+79.11	ROUTE 66 RT	256+88.35	ROUTE 66 RT	FINAL			24	
138	257+04.63	ROUTE 66 LT	257+37.27	ROUTE 66 LT	FINAL			7	
138	257+19.35	ROUTE 66 RT	257+28.99	ROUTE 66 RT	FINAL			26	
138	257+82.98	ROUTE 66 RT	257+91.98	ROUTE 66 RT	FINAL			5	
138	258+32.92	ROUTE 66 RT	258+38.98	ROUTE 66 RT	FINAL			3	
138	258+79.04	ROUTE 66 RT	258+86.53	ROUTE 66 RT	FINAL			16	
138	258+80.33	ROUTE 66 LT	258+88.25	ROUTE 66 LT	FINAL			11	
146	302+00.00	ROUTE 66 LT	302+69.57	ROUTE 66 LT	FINAL				
146	303+40.11	ROUTE 66 LT	304+20.00	ROUTE 66 LT	FINAL				
				TOTALS		14	867	432	30

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

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DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185C
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QUANTITIES
SHEET 9 OF 22

PRECAST DROP INLET (J7S2185C)

STRUC-TURE NO.	PLAN SHEET NO.	CULVERT SECTION SHEET NO.	LOCATION	STATION	OFFSET	JUNCTION BOXES (3'X3') (LF)	JUNCTION BOXES (5'X5') (LF)	JUNCTION BOXES (6'X3') (LF)	MODIFIED TYPE T INLET (5'X4') (LF)	MODIFIED TYPE T INLET (7.5'X3') (LF)	MODIFIED TYPE T INLET (7.5'X4') (LF)	MODIFIED TYPE T INLET (10'X3') (LF)	TYPE T INLET (5'X3') (LF)	OPEN THROAT CURB UNDER PAVEMENT INLET (LF)	MODIFIED TYPE D DROP INLET (2'X3') (LF)	MODIFIED TYPE D DROP INLET (2'X4') (LF)	MODIFIED TYPE D DROP INLET (4'X4') (LF)	TYPE D DROP INLET (2'X2') (LF)	TYPE D DROP INLET (4'X2') (LF)	PRECAST MANHOLE (48") (LF)	PRECAST MANHOLE (60") (LF)	SLOTTED DRAIN (12") (LF)	CURVED VANE GRATE AND FRAME (2'X2') (EACH)	CURVED VANE GRATE AND FRAME (4'X2') (EACH)	MANHOLE FRAME & COVER TYPE 1B (EACH)	MANHOLE FRAME & COVER TYPE 2 (EACH)	MANHOLE FRAME & COVER TYPE 3 (EACH)	PIPE COLLAR TYPE A (EACH)	PIPE OPENINGS (#-SIZE)	CL. 3 EXC. (CY)
252T2	1	194	ROUTE 66 RT	252+64.84	28.10							4.08																1		2-18"	13
253JB1	1	194	ROUTE 66 RT	253+07.00	51.00	3.65																				1				1-8",2-18"	7
253T1	1	194	MAIDEN LANE RT	10+92.00	36.79					4.37																		1		1-18"	12
253D1	1	194	MAIDEN LANE LT	10+92.00	25.00														2.65					1					1-18"	7
253D2	1	194	MAIDEN LANE LT	10+64.00	30.12													2.83					1						2-18"	6
253MH3	1	194	ROUTE 66 RT	253+87.75	20.50																									1-18",2-36"	-
253JB2	1	194	ROUTE 66 LT	253+77.75	33.50		6.27																			1				2-36",1-42"	21
254D1	1	194	ROUTE 66 LT	254+40.00	35.50											5.18								1						2-36"	13
255D2	1	194	ROUTE 66 LT	255+50.00	35.50											4.98								1						2-36"	13
256D2	2	195	ROUTE 66 LT	256+50.00	35.50											5.07								1						2-36"	13
257D1	2	195	ROUTE 66 LT	257+30.00	31.72											5.24								1						2-36"	13
258D1	2	195	ROUTE 66 LT	258+28.00	26.93											5.49								1						2-36"	14
260T1	2	195	ROUTE 66 LT	260+39.00	22.00				7.78																			1		1-30",1-36"	26
254D2	1	195	ROUTE 66 RT	254+59.75	24.50												4.60								1					2-36"	15
255D1	1	195	ROUTE 66 RT	255+35.00	24.50											4.36								1						1-12",1-24",1-36"	11
256D1	2	195	ROUTE 66 RT	256+10.00	24.50										4.33									1						2-24"	10
256MH1	2	196	ROUTE 66 RT	256+87.00	24.00															5.57						1				2-18",1-24"	18
257MH2	2	196	ROUTE 66 RT	257+38.00	25.00	5.77																					1			2-4",2-18"	14
257T2	2	196	ROUTE 66 RT	257+68.00	22.00					5.55																		1		2-18"	21
258T1	2	196	ROUTE 66 RT	258+65.00	22.00								5.27															1		1-12",1-18"	16
258SD1	2	196	ROUTE 66 RT	258+93.00	28.75																	10								1-12"	2
255PC1	2	196	ROUTE 66 RT	255+34.70	30.00																								1	-	-
256T1	2	196	HARLEM AVENUE RT	0+44.00	15.00					6.24																		1		2-18"	23
257T1	2	196	HARLEM AVENUE LT	0+44.00	15.00					5.95																		1		1-18"	22
260MH1	2	196	ROUTE 66 RT	260+67.00	24.00															6.85						1				1-18",1-24",1-30"	22
260T2	2	196	PORTER AVENUE RT	0+42.75	14.84							7.24																1		2-18"	35
260T3	2	196	PORTER AVENUE LT	0+42.75	15.23							6.87																1		1-18"	30
261T1	3	196	ROUTE 66 RT	261+30.00	22.00								7.13															1		2-24"	18
263T1	3	197	ROUTE 66 RT	263+12.50	22.00							5.73																1		1-12",1-18",2-24"	20
263T3	3	197	ROUTE 66 RT	263+35.00	22.00								5.59															1		2-24"	13
264T1	3	197	ROUTE 66 RT	264+24.00	22.00								5.28															1		2-24"	12
264MH1	3	197	ROUTE 66 RT	264+47.00	24.00															4.66						1				2-18",1-24"	15
265T1	3	197	ROUTE 66 RT	265+06.00	22.00					5.67																		1		2-18"	16
262SD1	3	197	ROUTE 66 RT	262+74.00	28.75																	10								1-12"	2
263T2	3	197	ROUTE 66 LT	263+12.50	22.00								4.38															1		2-18"	12
263T4	3	197	ROUTE 66 LT	263+65.00	22.00								4.09															1		1-18"	8
264T2	3	197	EMPIRE AVENUE RT	0+48.00	14.70					5.39																		1		2-18"	22
264T3	3	197	EMPIRE AVENUE LT	0+48.00	15.21					5.33																		1		1-18"	20
265T2	3	197	ROUTE 66 LT	265+06.00	22.00								4.52															1		1-18"	12
268T1	4	197	PICHER AVENUE LT	0+43.25	14.50					5.72																		1		1-18"	24
268MH1	4	198	ROUTE 66 RT	268+52.65	24.00															5.26						1				2-18"	17
268T2	4	198	ROUTE 66 RT	268+78.75	22.00					6.11																		1		2-18"	23
271MH1	4	198	ROUTE 66 RT	271+80.00	24.00															7.26						1				1-18",2-24"	23
272T1	5	198	ROUTE 66 RT	272+95.00	22.00								8.20															1		1-18",2-24"	24
274T1	5	198	ROUTE 66 RT	274+41.00	22.00						8.19																	1		1-24",1-30"	37
275MH1	5	198	ROUTE 66 RT	275+10.50	24.50															7.47						1				1-18",2-30"	24
276T1	5	198	ROUTE 66 RT	276+20.00	22.00				7.28																			1		2-30"	24
277T2	6	199	ROUTE 66 RT	277+68.00	22.00				6.03																			1		2-30"	22
278T1	6	199	ROUTE 66 RT	278+61.00	22.00						5.71																	1		1-24",2-30"	27
271T3	4	199	MURPHY AVENUE RT	0+44.00	14.30							6.27																1		1-18"	28
271T4	4	199	MURPHY AVENUE LT	0+40.54	16.30								6.59															1		2-18"	18
271T2	4	199	ROUTE 66 LT	271+20.00	22.00								6.16															1		1-18"	14
272T2	5	199	ROUTE 66 LT	272+95.00	22.00								7.40															1		2-18"	18
274T2	5	199	CHESTNUT AVENUE RT	0+43.50	19.01								5.65															1		1-18"	16
275T1	5	199	CHESTNUT AVENUE LT	0+43.50	20.98								5.83															1		2-18"	17
277T1	6	199	ROUTE 66 LT	277+38.00	22.00								4.17															1		1-18"	14
277PC1	6	200	CONNOR AVENUE RT	4+66.25	21.50																								1	-	-
277T3	6	200	CONNOR AVENUE RT	4+67.00	15.18								3.88															1		1-12",1-18"	10
277T4	6	200	CONNOR AVENUE LT	4+67.00	14.91								3.52															1		2-18"	10
277MH1	6	200	ROUTE 66 LT	277+97.50	24.00															4.25						1				3-18"	13
278T2	6	200	ROUTE 66 LT	278+18.50	22.00								5.14															1		1-18",1-24"	17
278PC1	6	200	ROUTE 66 RT	278+65.00	30.85																								1	-	-
279U1	6	200	ROUTE 66 LT	279+44.00	22.50									4.31													1			1-18"	10
279U2	6	200	ROUTE 66 LT	279+75.00	22.50									4.73													1			2-18"	12
280U1	6	200	ROUTE 66 LT	280+24.00	22.50									5.12													1			2-18"	13
281T2	6	200	ROUTE 66 LT	281+27.00	22.00								6.07															1		2-18",1-24"	17
281MH1	6	200	ROUTE 66 LT	281+86.00	24.00															5.39						1				1-18",2-24"	19
282T1	6	200	ROUTE 66 LT	282+55.00	22.00							6.42																1		2-24"	23
283MH1	7	200	ROUTE 66 LT	283+45.00	24.00															6.27						1				1-12",2-24"	23
284T1	7	200	ROUTE 66 LT	284+14.00	22.00							6.90																1		2-24"	26
284T2	7	200	ROUTE 66 LT	284+63.00	22.00								7.29															1		2-24"	18
285MH2	7	201	ROUTE 66 LT	285+15.50	16.50			7.27																		1				1-18",2-24",1-4'X3'	22
288MH2	8	201	ROUTE 66 LT	288+12.00	16.50			5.45																		1				1-18",1-24",2-4'X3'	16
281T1	6	201	ROUTE 66 RT	281+27.00	22.00								5.32															1		1-18"	15
281T3	6	201	JACKSON AVENUE RT	4+58.00	15.85					4.75																		1		1-18"	18
281T4	6	201	JACKSON AVENUE LT	4+58.00	15.12					5.22																		1		2-18"	22
283SD1	7	201	ROUTE 66 LT	283+35.00	28.75																	10								1-12"	3
283T1	7	202	ROUTE 66 RT	283+02.50	22.00								5.09															1		1-18"	15
283T2	7	202	ROUTE 66 RT	283+64.00	22.00								5.43															1		2-18"	16
285MH1	7	202	ROUTE 66 RT	285+15.50	24.00															5.63						1				3-18",1-24"	20
285T3	7	202	ROUTE 66 RT	285+46.00	22.00								4.63															1		1-18"	16
				SUBTOTAL-1		9.42	6.27	12.72	21.09	60.30	13.90	43.51	134.79	14.16	4.33	30.32	4.60	2.83	2.65	58.61	0	30	8	2	14	4	47	3	-	1337

QUANTITIES
SHEET 10 OF 22

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

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CERTIFICATE OF
AUTHORITY NO. 001592

PRECAST DROP INLET (J7S2185C)

STRUC-TURE NO.	PLAN SHEET NO.	CULVERT SECTION SHEET NO.	LOCATION	STATION	OFFSET	JUNCTION BOXES (3'X3') (FT)	JUNCTION BOXES (5'X5') (FT)	JUNCTION BOXES (6'X3') (FT)	MODIFIED TYPE T INLET (5'X4') (FT)	MODIFIED TYPE T INLET (7.5'X3') (FT)	MODIFIED TYPE T INLET (7.5'X4') (FT)	MODIFIED TYPE T INLET (10'X3') (FT)	TYPE T INLET (5'X3') (FT)	OPEN THROAT CURB UNDER PAVEMENT INLET (FT)	MODIFIED TYPE D DROP INLET (2'X3') (FT)	MODIFIED TYPE D DROP INLET (2'X4') (FT)	MODIFIED TYPE D DROP INLET (4'X4') (FT)	TYPE D DROP INLET (2'X2') (FT)	TYPE D DROP INLET (4'X2') (FT)	PRECAST MANHOLE (48") (FT)	PRECAST MANHOLE (60") (FT)	SLOTTED DRAIN (12") (LF)	CURVED VANE GRATE AND FRAME (2'X2') (EACH)	CURVED VANE GRATE AND FRAME (4'X2') (EACH)	MANHOLE FRAME & COVER TYPE 1B (EACH)	MANHOLE FRAME & COVER TYPE 2 (EACH)	MANHOLE FRAME & COVER TYPE 3 (EACH)	PIPE COLLAR TYPE A (EACH)	PIPE OPENINGS (#-SIZE)	CL. 3 EXC. (CY)
285T2	7	202	SERGEANT AVENUE LT	4+60.34	14.75								5.75															1		1-18"	18
284T3	7	202	SERGEANT AVENUE RT	0+42.50	15.42								4.56															1		1-18"	13
285T1	7	202	SERGEANT AVENUE LT	0+42.50	14.76								5.09															1		2-18"	14
285T4	7	202	ROUTE 66 LT	285+46.00	22.00					6.43																		1		1-18"	23
286SD1	7	202	ROUTE 66 LT	286+64.00	28.75																	20							1-12"	4
287T1	7	202	ROUTE 66 LT	287+78.00	22.00							4.66																1		1-18"	20
288T2	8	202	MOFFET AVENUE RT	4+20.75	15.00								4.60															1		1-18"	15
288MH1	8	202	ROUTE 66 RT	288+12.00	24.00															4.62						1				3-18",1-24"	16
288T1	8	202	MOFFET AVENUE RT	0+82.00	15.00								5.38															1		2-18"	18
287T2	7	203	ROUTE 66 RT	287+82.00	22.00					4.60																		1		1-18"	20
288T5	8	203	ROUTE 66 RT	288+70.00	22.00					4.24																		1		2-18"	18
289T2	8	203	ROUTE 66 RT	289+06.27	22.00							3.85																1		1-12",1-18"	17
289SD1	8	203	ROUTE 66 RT	289+33.00	21.88																	20							2-12"	4
289SD2	8	203	ROUTE 66 RT	289+58.00	21.88																	20							1-12"	4
288T3	8	203	MOFFET AVENUE LT	0+82.00	14.50								4.44															1		1-18"	13
288T4	8	203	MOFFET AVENUE LT	4+62.19	14.87								4.04															1		1-18"	14
288T6	8	203	ROUTE 66 LT	288+70.00	22.00					4.63																		1		1-18"	16
289T1	8	203	ROUTE 66 LT	289+06.27	22.00					4.54																		1		1-18"	15
289T3	8	203	ROUTE 66 LT	289+40.00	22.00								4.92															1		1-18"	13
289SD3	8	203	ROUTE 66 LT	289+94.26	28.75																	20							1-12"	6
291T1	8	203	ROUTE 66 RT	291+14.00	22.00								5.60															1		1-18"	18
292T1	8	203	ROUTE 66 RT	292+23.40	22.00							6.02																1		1-18",1-24"	27
292T3	8	203	ROUTE 66 RT	292+60.00	22.00								5.35															1		2-18"	16
292T5	8	203	ROUTE 66 RT	292+98.00	22.00								4.88															1		1-12",1-18"	16
293SD1	8	203	ROUTE 66 RT	293+28.00	21.88																	20							1-12"	4
291T3	8	204	BYERS AVENUE RT	0+48.00	15.79					4.62																		1		1-18"	16
291T4	8	204	BYERS AVENUE LT	0+82.00	14.35							8.54																1		BOTTOM	38
291D1	8	204	ROUTE 66 LT	291+04.00	29.00										3.44								1							1-18"	11
291T2	8	204	ROUTE 66 LT	291+17.00	22.00					6.15																		1		2-18"	22
292T2	8	204	ROUTE 66 LT	292+23.40	22.00							5.71																1		1-18"	21
292T4	8	204	ROUTE 66 LT	292.70.00	22.00								5.54															1		1-18"	13
293T1	8	204	ROUTE 66 LT	293+15.00	22.00								5.47															1		1-18"	13
293T2	9	204	ROUTE 66 RT	293+88.00	22.00								4.45															1		1-18"	12
295PC1	9	204	ROUTE 66 LT	295+16.50	30.00																								1	-	-
295T1	9	204	ROUTE 66 LT	295+17.75	22.00					5.48																		1		1-12",1-18"	17
295MH1	9	204	ROUTE 66 RT	295+17.75	24.00															4.83						1				2-24",1-30"	17
295MH2	9	204	PEARL AVENUE LT	0+84.50	16.75	4.68																				1				1-18",2-24"	12
295MH3	9	204	PEARL AVENUE LT	1+23.00	16.75	4.36																				1				2-18",1-24"	12
294T1	9	204	PEARL AVENUE RT	1+23.00	19.80							3.92																1		1-18"	20
295T2	9	204	PEARL AVENUE LT	1+23.00	20.00							3.69																1		1-18"	14
295E2	9	204	PEARL AVENUE LT	0+84.50	20.25																									1-18"	-
295T3	9	204	ROUTE 66 RT	295+49.00	22.00							4.63																1		1-18",1-24"	24
295T4	9	204	ROUTE 66 RT	295+67.00	22.00							4.18																1		1-18"	19
295T5	9	205	ROUTE 66 LT	295+67.00	22.00								5.96															1		2-18"	16
296T1	9	205	ROUTE 66 LT	296+40.00	22.00								7.21															1		2-18"	18
296T2	9	205	ROUTE 66 RT	296+40.00	22.00								6.36															1		1-12",1-18"	17
296SD1	9	205	ROUTE 66 RT	296+75.00	28.75																	20							1-12"	4
298MH2	9	205	ROUTE 66 LT	298+64.00	30.00																7.72					1				1-18",2-30"	33
298MH3	9	205	ROUTE 66 RT	298+63.80	24.00																6.62					1				2-18",2-30"	28
298MH3	9	205	ROUTE 66 RT	298+63.80	46.00	6.57																				1				2-24",1-30"	14
298MH5	9	205	ROUTE 66 RT	298+63.80	58.00	6.68																				1				2-18",2-24"	13
298PC1	9	205	ROUTE 66 RT	298+63.80	61.50																								1	-	-
298T2	9	205	WALL AVENUE RT	0+58.00	20.00							4.55																1		1-18"	18
298T3	9	205	WALL AVENUE LT	0+58.00	19.50							5.03																1		1-18"	19
298T1	9	205	ROUTE 66 RT	298+02.00	22.00							4.75																1		1-18"	21
298T4	10	205	ROUTE 66 RT	299+10.00	22.00								5.67															1		2-18"	17
300T1	10	205	ROUTE 66 RT	300+02.00	22.00								4.70															1		1-18"	14
298T5	10	206	ROUTE 66 LT	299+10.00	22.00								5.17															1		1-18"	14
301PC2	10	206	ROUTE 66 LT	301+83.60	40.00																								1	-	-
301MH4	10	206	ROUTE 66 LT	301+83.60	35.00															6.38						1				1-18",2-24"	22
301MH3	10	206	ROUTE 66 RT	301+83.60	7.75															6.46						1				1-18",2-24"	23
301MH2	10	206	ROUTE 66 RT	301+83.60	24.00															6.02						1				1-18",2-24"	21
301MH1	10	206	ROUTE 66 RT	301+83.60	54.00															6.26						1				3-18",1-24"	22
301PC1	10	206	ROUTE 66 RT	301+83.75	59.00																								1	-	-
301T1	10	206	JOPLIN AVENUE RT	0+54.00	20.00					3.66																		1		1-18"	12
301T2	10	206	JOPLIN AVENUE LT	0+54.00	19.67					4.17																		1		1-18"	12
302T2	10	206	ROUTE 66 RT	302+15.00	22.00								5.77															1		1-18"	17
302T1	10	206	ROUTE 66 LT	302+15.00	22.00								5.55															1		1-18"	17
303MH1	10	206	ROUTE 66 RT	303+21.30	6.75															5.90						1				1-15",2-18"	21
303PC1	10	206	ROUTE 66 RT	303+21.30	37.90																									1-12",2-15"	-
304MH1	10	206	ROUTE 66 RT	304+44.39	6.05																									1-15",1-18"	-
SUBTOTAL-2						22.29	0.00	0.00	0.00	48.52	0.00	59.53	116.46	0.00	3.44	0.00	0.00	0.00	0.00	40.47	14.34	120	1	0	13	0	44	4	-	1056
SUBTOTAL-1						9.42	6.27	12.72	21.09	60.30	13.90	43.51	134.79	14.16	4.33	30.32	4.60	2.83	2.65	58.61	0.00	30	8	2	14	4	47	3	-	1337
TOTAL						31.71	6.27	12.72	21.09	108.82	13.90	103.04	251.25	14.16	7.77	30.32	4.60	2.83	2.65	99.08	14.34	150	9	2	27	4	91	7	-	2393
USE						32	7	13	22	109	14	104	252	15	8	31	5	3	3	100	15	150	9	2	27	4	91	7	-	2393

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

QUANTITIES
SHEET 11 OF 22

PIPE CULVERTS (J7S2185C)

FROM STRUC-TURE NO.	STA.	LOCATION	TO STRUC-TURE NO.	STA.	LOCATION	PLAN SHEET NO.	CULVERT SECTION SHEET NO.	GROUP A PIPE							BOX CULVERT	PVC PIPE	EXCAVATION	
								12 IN. (FT.)	15 IN. (FT.)	18 IN. (FT.)	24 IN. (FT.)	30 IN. (FT.)	36 IN. (FT.)	42 IN. (FT.)	4' X 3' (FT.)	4 IN. (FT)	CLASS 3 (CY.)	CLASS 4 (CY.)
252T2	252+64.84	ROUTE 66 RT	252D1	252+31.00	ROUTE 66 RT	1	194			27							10	
253JB1	253+07.00	ROUTE 66 RT	252T2	252+64.84	ROUTE 66 RT	1	194			41							16	
253T1	10+92.00	MAIDEN LANE RT	253JB1	253+07.00	ROUTE 66 RT	1	194			36							14	
253D1	10+92.00	MAIDEN LANE LT	253D2	10+64.00	MAIDEN LANE LT	1	194			26							10	
253D2	10+64.00	MAIDEN LANE LT	253MH3	253+87.75	ROUTE 66 RT	1	194			41							19	
253MH3	253+87.75	ROUTE 66 RT	253JB2	253+77.75	ROUTE 66 LT	1	194											
253JB2	253+77.75	ROUTE 66 LT	253JB1	253+72.30	ROUTE 66 LT	1	194							27			35	
254D1	254+40.00	ROUTE 66 LT	253JB2	253+77.75	ROUTE 66 LT	1	194						59				70	
255D2	255+50.00	ROUTE 66 LT	254D1	254+40.00	ROUTE 66 LT	1	194						108				135	
256D2	256+50.00	ROUTE 66 LT	255D2	255+50.00	ROUTE 66 LT	1&2	194 & 195						98				117	
257D1	257+30.00	ROUTE 66 LT	256D2	256+50.00	ROUTE 66 LT	2	195						78				97	
258D1	258+28.00	ROUTE 66 LT	257D1	257+30.00	ROUTE 66 LT	2	195						96				125	
260T1	260+39.00	ROUTE 66 LT	258D1	258+28.00	ROUTE 66 LT	2	195						208				336	
260T2	0+42.75	PORTER AVENUE RT	260MH1	260+67.00	ROUTE 66 RT	2	195			12							6	
260MH1	260+67.00	ROUTE 66 RT	260T1	260+39.00	ROUTE 66 LT	2	195					52					65	
254D2	254+59.75	ROUTE 66 RT	253MH3	253+87.75	ROUTE 66 RT	1	195						68				78	
255D1	255+35.00	ROUTE 66 RT	254D2	254+59.75	ROUTE 66 RT	1	195						72				78	
256D1	256+10.00	ROUTE 66 RT	255D1	255+35.00	ROUTE 66 RT	1&2	195				73						60	
256MH1	256+87.00	ROUTE 66 RT	256D1	256+10.00	ROUTE 66 RT	2	195 & 196				74						61	
257MH2	257+38.00	ROUTE 66 RT	256MH1	256+87.00	ROUTE 66 RT	2	196			48							34	
257T2	257+68.00	ROUTE 66 RT	257MH2	257+38.00	ROUTE 66 RT	2	196			25							18	
258T1	258+65.00	ROUTE 66 RT	257T2	257+68.00	ROUTE 66 RT	2	196			91							59	
258SD1	258+93.00	ROUTE 66 RT	258T1	258+65.00	ROUTE 66 RT	2	196	21									4	
255PC1	255+34.70	ROUTE 66 RT	255D1	255+35.00	ROUTE 66 RT	2	196	6									4	
256T1	0+44.00	HARLEM AVENUE RT	256MH1	256+87.00	ROUTE 66 RT	2	196			14							7	
257T1	0+44.00	HARLEM AVENUE LT	256T1	0+44.00	HARLEM AVENUE RT	2	196			31							21	
257MH1	257+37.80	ROUTE 66 RT	257MH2	257+38.00	ROUTE 66 RT	2	196									8	–	
260T3	0+42.75	PORTER AVENUE LT	260T2	0+42.75	PORTER AVENUE RT	2	196			31							26	
261T1	261+30.00	ROUTE 66 RT	260MH1	260+67.00	ROUTE 66 RT	2&3	196				59						63	
263T1	263+12.50	ROUTE 66 RT	261T1	261+30.00	ROUTE 66 RT	3	196 & 197				175						165	
263T3	263+35.00	ROUTE 66 RT	263T1	263+12.50	ROUTE 66 RT	3	197				15						8	
264T1	264+24.00	ROUTE 66 RT	263T3	263+35.00	ROUTE 66 RT	3	197				84						58	
264MH1	264+47.00	ROUTE 66 RT	264T1	264+24.00	ROUTE 66 RT	3	197				18						9	
265T1	265+06.00	ROUTE 66 RT	264MH1	264+47.00	ROUTE 66 RT	3	197			53							32	
262SD1	262+74.00	ROUTE 66 RT	263T1	263+12.50	ROUTE 66 RT	3	197	36									12	
263T2	263+12.50	ROUTE 66 LT	263T1	263+12.50	ROUTE 66 RT	3	197			45							23	
263T4	263+65.00	ROUTE 66 LT	263T2	263+12.50	ROUTE 66 LT	3	197			47							18	
264T2	0+48.00	EMPIRE AVENUE RT	264MH1	264+47.00	ROUTE 66 RT	3	197			18							12	
264T3	0+48.00	EMPIRE AVENUE LT	264T2	0+48.00	EMPIRE AVENUE RT	3	197			31							17	
265T2	265+06.00	ROUTE 66 LT	265T1	265+06.00	ROUTE 66 RT	3	197			45							23	
268T1	0+43.25	PICHER AVENUE LT	268MH1	268+52.65	ROUTE 66 RT	4	197			13							8	
268MH1	268+52.65	ROUTE 66 RT	268T2	268+78.75	ROUTE 66 RT	4	198			20							15	
268T2	268+78.75	ROUTE 66 RT	271T1	271+20.00	ROUTE 66 RT	4	198			235							230	
271T1	271+20.00	ROUTE 66 RT	271MH1	271+80.00	ROUTE 66 RT	4	198				55						69	
271MH1	271+80.00	ROUTE 66 RT	272T1	272+95.00	ROUTE 66 RT	4&5	198				111						165	
272T1	272+95.00	ROUTE 66 RT	274T1	274+41.00	ROUTE 66 RT	5	198				140						195	
274T1	274+41.00	ROUTE 66 RT	275MH1	275+10.50	ROUTE 66 RT	5	198					64					91	
275MH1	275+10.50	ROUTE 66 RT	276T1	276+20.00	ROUTE 66 RT	5	198					105					153	
276T1	276+20.00	ROUTE 66 RT	277T2	277+68.00	ROUTE 66 RT	5&6	198 & 199					143					182	
277T2	277+68.00	ROUTE 66 RT	278T1	278+61.00	ROUTE 66 RT	6	199					87					89	
271T3	0+44.00	MURPHY AVENUE RT	271T4	0+40.54	MURPHY AVENUE LT	4	199			32							23	
271T4	0+40.54	MURPHY AVENUE LT	271MH1	271+80.00	ROUTE 66 RT	4	199			12							6	
271T2	271+20.00	ROUTE 66 LT	272T2	272+95.00	ROUTE 66 LT	4&5	199			170							144	
272T2	272+95.00	ROUTE 66 LT	272T1	272+95.00	ROUTE 66 RT	5	199			45							45	
274T2	0+43.50	CHESNUT AVENUE RT	275T1	0+43.50	CHESNUT AVENUE LT	5	199			41							27	
275T1	0+43.50	CHESNUT AVENUE LT	275MH1	275+10.50	ROUTE 66 RT	5	199			14							8	
277T1	277+38.00	ROUTE 66 LT	277MH1	277+97.50	ROUTE 66 LT	6	199			55							26	
277MH1	277+97.50	ROUTE 66 LT	278T2	278+18.50	ROUTE 66 LT	6	199			16							10	
277PC1	4+66.25	CONNOR AVENUE RT	277T3	4+67.00	CONNOR AVENUE RT	6	200	3									2	
277T3	4+67.00	CONNOR AVENUE RT	277T4	4+67.00	CONNOR AVENUE LT	6	200			31							10	
277T4	4+67.00	CONNOR AVENUE LT	277MH1	277+97.50	ROUTE 66 LT	6	200			62							38	
278T2	278+18.50	ROUTE 66 LT	278T1	278+61.00	ROUTE 66 RT	6	200				62						42	
							SUBTOTAL-1	66	0	1408	866	451	787	27	0	8	3523	0

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY JASPER

JOB NO. J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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PIPE CULVERTS (J7S2185C)

FROM STRUC-TURE NO.	STA.	LOCATION	TO STRUC-TURE NO.	STA.	LOCATION	PLAN SHEET NO.	CULVERT SECTION SHEET NO.	GROUP A PIPE							BOX CULVERT	PVC PIPE	EXCAVATION	
								12 IN. (FT.)	15 IN. (FT.)	18 IN. (FT.)	24 IN. (FT.)	30 IN. (FT.)	36 IN. (FT.)	42 IN. (FT.)	4' X 3' (FT.)	4 IN. (FT)	CLASS 3 (CY.)	CLASS 4 (CY.)
278T1	278+61.00	ROUTE 66 RT	278PC1	278+65.00	ROUTE 66 RT	6	200					6					8	
279U1	279+44.00	ROUTE 66 LT	279U2	279+75.00	ROUTE 66 LT	6	200			27							10	
279U2	279+75.00	ROUTE 66 LT	280U1	280+24.00	ROUTE 66 LT	6	200			45							22	
280U1	280+24.00	ROUTE 66 LT	281T2	281+27.00	ROUTE 66 LT	6	200			99							61	
281T2	281+27.00	ROUTE 66 LT	281MH1	281+86.00	ROUTE 66 LT	6	200				55						42	
281MH1	281+86.00	ROUTE 66 LT	282T1	282+55.00	ROUTE 66 LT	6	200				62						66	
282T1	282+55.00	ROUTE 66 LT	283MH1	283+45.00	ROUTE 66 LT	6&7	200				83						83	
283MH1	283+45.00	ROUTE 66 LT	284T1	284+14.00	ROUTE 66 LT	7	200				62						65	
284T1	284+14.00	ROUTE 66 LT	284T2	284+63.00	ROUTE 66 LT	7	200				42						40	
284T2	284+63.00	ROUTE 66 LT	285MH2	285+15.50	ROUTE 66 LT	7	200 & 201				49						52	
285MH2	285+15.50	ROUTE 66 LT	288MH2	288+12.00	ROUTE 66 LT	7&8	201								293			468
288MH2	288+12.00	ROUTE 66 LT	JCT BOX	290+31.00	ROUTE 66 LT	8	201								217			328
281T1	281+27.00	ROUTE 66 RT	281T2	281+27.00	ROUTE 66 LT	6	201			45							29	
281T3	4+58.00	JACKSON AVENUE RT	281T4	4+58.00	JACKSON AVENUE LT	6	201			32							16	
281T4	4+58.00	JACKSON AVENUE LT	281MH1	281+86.00	ROUTE 66 LT	6	201			14							7	
283SD1	283+35.00	ROUTE 66 LT	283MH1	283+45.00	ROUTE 66 LT	7	201	6									1	
283T1	283+02.50	ROUTE 66 RT	283T2	283+64.00	ROUTE 66 RT	7	202			56							33	
283T2	283+64.00	ROUTE 66 RT	285MH1	285+15.50	ROUTE 66 RT	7	202			147							127	
285T3	285+46.00	ROUTE 66 RT	285MH1	285+15.50	ROUTE 66 RT	7	202			26							19	
285T2	4+60.34	SERGEANT AVENUE LT	285MH2	285+15.50	ROUTE 66 LT	7	202			20							13	
285MH1	285+15.50	ROUTE 66 RT	285MH2	285+15.50	ROUTE 66 LT	7	202				36						31	
285T1	0+42.50	SERGEANT AVENUE LT	285MH1	285+15.50	ROUTE 66 RT	7	202			14							7	
284T3	0+42.50	SERGEANT AVENUE RT	285T1	0+42.50	SERGEANT AVENUE LT	7	202			31							15	
285T4	285+46.00	ROUTE 66 LT	4'X3' BOX	285+46.00	ROUTE 66 LT	7	202			4							–	
286SD1	286+64.00	ROUTE 66 LT	4'X3' BOX	286+81.03	ROUTE 66 LT	7	202	12									3	
287T1	287+78.00	ROUTE 66 LT	4'X3' BOX	287+78.00	ROUTE 66 LT	7	202			4							–	
288T2	4+20.75	MOFFET AVENUE RT	288MH2	288+12.00	ROUTE 66 LT	8	202			60							39	
288MH1	288+12.00	ROUTE 66 RT	288MH2	288+12.00	ROUTE 66 LT	8	202				36						25	
288T1	0+82.00	MOFFET AVENUE RT	288MH1	288+12.00	ROUTE 66 RT	8	202			53							37	
287T2	287+82.00	ROUTE 66 RT	288MH1	288+12.00	ROUTE 66 RT	7&8	203			24							16	
288T5	288+70.00	ROUTE 66 RT	288MH1	288+12.00	ROUTE 66 RT	8	203			52							28	
289T2	289+06.27	ROUTE 66 RT	288T5	288+70.00	ROUTE 66 RT	8	203			28							15	
289SD1	289+33.00	ROUTE 66 RT	289T2	289+06.27	ROUTE 66 RT	8	203	12									2	
289SD2	289+58.00	ROUTE 66 RT	289SD1	289+33.00	ROUTE 66 RT	8	203	5									1	
288T3	0+82.00	MOFFET AVENUE LT	288T1	0+82.00	MOFFET AVENUE RT	8	203			31							15	
288T4	4+62.19	MOFFET AVENUE LT	4'X3' BOX	288+46.04	ROUTE 66 LT	8	203			19							9	
288T6	288+70.00	ROUTE 66 LT	4'X3' BOX	288+70.00	ROUTE 66 LT	8	203			4							–	
289T1	289+06.27	ROUTE 66 LT	4'X3' BOX	289+06.27	ROUTE 66 LT	8	203			4							–	
289T3	289+40.00	ROUTE 66 LT	4'X3' BOX	289+40.00	ROUTE 66 LT	8	203			4							–	
289SD3	289+94.26	ROUTE 66 LT	4'X3' BOX	290+11.29	ROUTE 66 LT	8	203			12							4	
291T1	291+14.00	ROUTE 66 RT	12'X4 BOX	291+70.00	ROUTE 66 RT	8	203			53							42	
292T1	292+23.40	ROUTE 66 RT	12'X4' BOX	291+82.00	ROUTE 66 RT	8	203				36						40	
292T3	292+60.00	ROUTE 66 RT	292T1	292+23.40	ROUTE 66 RT	8	203			29							23	
292T5	292+98.00	ROUTE 66 RT	292T3	292+60.00	ROUTE 66 RT	8	203			33							23	
293SD1	293+28.00	ROUTE 66 RT	292T5	292+98.00	ROUTE 66 RT	8	203	18									4	
291T3	0+48.00	BYERS AVENUE RT	12'X4' BOX	291+70.50	ROUTE 66 RT	8	204			27							18	
291D1	291+04.00	ROUTE 66 LT	291T2	291+17.00	ROUTE 66 LT	8	204			13							6	
291T2	291+17.00	ROUTE 66 LT	12'X4' BOX	291+17.00	ROUTE 66 LT	8	204			3							–	
292T2	292+23.40	ROUTE 66 LT	12'X4' BOX	292+23.40	ROUTE 66 LT	8	204			3							–	
292T4	292+70.00	ROUTE 66 LT	12'X4' BOX	292+70.00	ROUTE 66 LT	8	204			3							–	
293T1	293+15.00	ROUTE 66 LT	12'X4' BOX	293+15.00	ROUTE 66 LT	8	204			3							–	
293T1	293+88.00	ROUTE 66 RT	12'X4' BOX	293+88.00	ROUTE 66 LT	9	204			31							18	
295PC1	295+16.50	ROUTE 66 LT	295T1	295+17.75	ROUTE 66 LT	9	204	5									2	
295MH1	295+17.75	ROUTE 66 RT	12'X4' BOX	295+17.75	ROUTE 66 LT	9	204					30					29	
295MH2	0+84.50	PEARL AVENUE LT	295MH1	295+17.75	ROUTE 66 RT	9	204				57						37	
295MH3	1+23.00	PEARL AVENUE LT	295MH2	0+84.50	PEARL AVENUE LT	9	204				36						29	
294T1	1+23.00	PEARL AVENUE RT	295MH3	1+23.00	PEARL AVENUE LT	9	204			36							25	
295T2	1+23.00	PEARL AVENUE LT	295MH3	1+23.00	PEARL AVENUE LT	9	204			2							–	
295E2	0+84.50	PEARL AVENUE LT	295MH2	0+84.50	PEARL AVENUE LT	9	204			2							–	
295T3	295+49.00	ROUTE 66 RT	295MH1	295+17.75	ROUTE 66 RT	9	204				24						15	
295T4	295+67.00	ROUTE 66 RT	295T3	295+49.00	ROUTE 66 RT	9	204			8							2	
295T1	295+17.75	ROUTE 66 LT	295T5	295+67.00	ROUTE 66 LT	9	205			43							36	
							SUBTOTAL-2	58	0	1144	578	36	0	0	510	0	1290	796

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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CLEARING & GRUBBING (CITY OWNED)
1 ACRE

CONCRETE ENCASEMENT – SANITARY SEWER (J7S2185C)								
SHEET	FROM			TO			CONCRETE ENCASEMENT (LF)	REMARKS
	STA.	OFFSET (FT)	LOCATION	STA.	OFFSET (FT)	LOCATION		
11	293+26.38	1.87	RTE 66 LT	293+26.43	25.87	RTE 66 LT	24	
12	296+74.33	1.71	RTE 66 LT	296+74.39	25.71	RTE 66 LT	24	
						TOTAL	48	

SHEET	12 FT X 4 FT REINFORCED CONCRETE BOX CULVERT (CITY OWNED) – WILLOW BRANCH BOX											
	STA.	STA.	LOCATION	BRIDGE APPROACH SLAB (MAJOR) (SQ YD)	CLASS B-1 CONCRETE (CULVERTS)** (CY)	12 FT X 4 FT CONCRETE BOX CULVERT (LF)	CLASS 4 EXCAVATION (CY)	PRECAST 48" MANHOLE (FT)	TYPE 1B MANHOLE FRAME AND COVER (EA)	TEMPORARY SHORING (LS)	DEWATERING (LS)	REMARKS
91 - 104, 207	0+56.91	0+76.41	12 X 4 RCB	30	30.4 *		139					RCB A75521
207	0+76.41	1+90.05	12 X 4 RCB			117.64	597					12 FT X 4 FT RCB
91 - 104, 207	1+90.05	2+20.05	12 X 4 RCB		31.3		158					22' INTERSECTION
207	2+20.05	2+70.00	12 X 4 RCB			53.95	254					12 FT X 4 FT RCB
207	2+70.00	5+40.00	12 X 4 RCB			270.00	1408					12 FT X 4 FT RCB
207	5+40.00	8+10.00	12 X 4 RCB			270.00	1705					12 FT X 4 FT RCB
207	8+10.00	8+47.09	12 X 4 RCB			37.09	238					12 FT X 4 FT RCB
91 - 104, 207	8+47.09	8+87.61	12 X 4 RCB		43.0		352					CULVERT BENDS
207	8+87.61	9+09.90	12 X 4 RCB			22.29	192					12 FT X 4 FT RCB
91	290+04.00	298+51.09	RTE 66 LT							1	1	TEMP. SHORING & DEWATERING
STRUCTURES												
STRUCT NO. / PLAN SHEET / CULVERT SECTION SHEET	STA.	OFFSET	LOCATION									
295MH4 / 9 / 204 & 207	295+17.75	18.00	RTE 66 LT					3.58	1			MODOT MANHOLE
296MH1 / 9 / 205 & 207	296+40.00	18.00	RTE 66 LT					4.20	1			MODOT MANHOLE
298MH1 / 9 / 206 & 207	298+43.09	30.00	RTE 66 LT					5.61	1			MODOT MANHOLE
			TOTALS	30	104.7	770.97	5043	13.39	3	1	1	
			USE	30	104.7	771	5043	13	3	1	1	

* FILL WALL INCLUDED IN QUANTITY SHOWN

** REINFORCING STEEL SHALL BE CONSIDERED SUBSIDIARY TO CLASS B-1 CONCRETE

PIPE CULVERTS (J7S2185C)																	
FROM STRUC-TURE NO.	STA.	LOCATION	TO STRUC-TURE NO.	STA.	LOCATION	PLAN SHEET NO.	CULVERT SECTION SHEET NO.	GROUP A PIPE							BOX CULVERT	PVC PIPE	EXCAVATION	
								12 IN. (FT.)	15 IN. (FT.)	18 IN. (FT.)	24 IN. (FT.)	30 IN. (FT.)	36 IN. (FT.)	42 IN. (FT.)	4' X 3' (FT.)	4 IN. (FT)	CLASS 3 (CY.)	CLASS 4 (CY.)
295T5	295+67.00	ROUTE 66 LT	296T1	296+40.00	ROUTE 66 LT	9	205			68							69	
296T1	296+40.00	ROUTE 66 LT	12'X4' BOX	296+40.00	ROUTE 66 LT	9	205			3							–	
296T2	296+40.00	ROUTE 66 RT	12'X4' BOX	296+40.00	ROUTE 66 RT	9	205			31							26	
296SD1	296+75.00	ROUTE 66 RT	296T2	296+40.00	ROUTE 66 RT	9	205	23									6	
298MH3	298+63.80	ROUTE 66 RT	298MH2	298+64.00	ROUTE 66 LT	9	205					49					60	
298MH4	298+63.80	ROUTE 66 RT	298MH3	298+63.80	ROUTE 66 RT	9	205					18					15	
298MH5	298+63.80	ROUTE 66 RT	298MH4	298+63.80	ROUTE 66 RT	9	205				9						4	
298PC1	298+63.80	ROUTE 66 RT	298MH5	298+63.80	ROUTE 66 RT	9	205				2						2	
298T2	0+58.00	WALL AVENUE RT	298MH5	298+63.80	ROUTE 66 RT	9	205			34							17	
298T3	0+58.00	WALL AVENUE LT	298MH5	298+63.80	ROUTE 66 RT	9	205			4							–	
298T1	298+02.00	ROUTE 66 RT	298MH3	298+63.80	ROUTE 66 RT	9	205			54							35	
298T4	299+10.00	ROUTE 66 RT	298MH3	298+63.80	ROUTE 66 RT	9&10	205			41							30	
300T1	300+02.00	ROUTE 66 RT	298T4	299+10.00	ROUTE 66 RT	10	205			87							68	
298MH2	298+64.00	ROUTE 66 LT	12'X4' BOX	298+45.09	ROUTE 66 LT	9	206					16					19	
298T5	299+10.00	ROUTE 66 LT	298MH2	298+64.00	ROUTE 66 LT	9&10	206			41							29	
301T1	0+54.00	JOPLIN AVENUE RT	301MH1	301+83.60	ROUTE 66 RT	10	206			32							14	
301T2	0+54.00	JOPLIN AVENUE LT	301MH1	301+83.60	ROUTE 66 RT	10	206			4							–	
302T2	302+15.00	ROUTE 66 RT	301MH2	301+83.60	ROUTE 66 RT	10	206			27							21	
303MH1	303+21.30	ROUTE 66 RT	301MH3	301+83.60	ROUTE 66 RT	10	206			134							118	
304MH1	304+44.39	ROUTE 66 RT	303MH1	303+21.30	ROUTE 66 RT	10	206			121							125	
302T1	302+15.00	ROUTE 66 LT	301MH4	301+83.60	ROUTE 66 LT	10	206			27							17	
301MH4	301+83.60	ROUTE 66 LT	301PC2	301+83.60	ROUTE 66 LT	10	206				3						3	
301MH3	301+83.60	ROUTE 66 RT	301MH4	301+83.60	ROUTE 66 LT	10	206				39						37	
301MH2	301+83.60	ROUTE 66 RT	301MH3	301+83.60	ROUTE 66 RT	10	206				12						7	
301MH1	301+83.60	ROUTE 66 RT	301MH2	301+83.60	ROUTE 66 RT	10	206				26						20	
301PC1	301+83.75	ROUTE 66 RT	301MH1	301+83.60	ROUTE 66 RT	10	206			3							3	
303PC1	303+21.30	ROUTE 66 RT	303MH1	303+21.30	ROUTE 66 RT	10	206		29								11	
							SUBTOTAL-3	23	29	711	91	83	0	0	0	0	756	0
							SUBTOTAL-2	58	0	1144	578	36	0	0	510	0	1290	796
							SUBTOTAL-1	66	0	1408	866	451	787	27	0	8	3523	0
							TOTALS	147	29	3263	1535	570	787	27	510	8	5569	796

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 10/13/2025

ROUTE: 66 | STATE: MO

DISTRICT: SW | SHEET NO.: 3

COUNTY: JASPER

JOB NO.: J7S2185C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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PAVEMENT (CITY OWNED)

SHEET NO.	STA.	STA.	LOCATION	PLANT MIX BITUMIMOUS PAVEMENT (BP-1) (1.75") (TON)	PLANT MIX BITUMIMOUS PAVEMENT (BASE) (6.25") (TON)	6" PCCP (SY)	6" TYPE 5 AGG. (SY)	TACK COAT (GAL)	REMARKS
6	262+82.96	263+59.75	ROUTE 66 LT.			33.0	33		PARKING LOT PVMT.
6	263+59.75	264+35.59	ROUTE 66 LT.	7.7	27.4		81	9	PARKING LOT PVMT.
6	264+93.22	266+60.63	ROUTE 66 RT.	15.6	55.6		165	17	PARKING LOT PVMT.
6 - 7	265+02.56	266+64.57	ROUTE 66 LT.	10.3	36.6		108	11	PARKING LOT PVMT.
7	266+79.32	267+19.58	ROUTE 66 LT.	3.8	13.6		40	4	PARKING LOT PVMT.
7	266+90.59	268+07.13	ROUTE 66 RT.			202.4	202		PARKING LOT PVMT.
7	267+96.04	268+71.82	ROUTE 66 LT.			110.3	110		PARKING LOT PVMT.
7	270+05.19	271+33.69	ROUTE 66 RT.			122.9	123		PARKING LOT PVMT.
8	271+91.43	273+17.55	ROUTE 66 RT.			96.9	97		PARKING LOT PVMT.
8	273+33.55	274+59.14	ROUTE 66 RT.	14.7	52.4		155	16	PARKING LOT PVMT.
8	273+60.10	275+04.95	ROUTE 66 LT.	5.2	18.5		55	6	PARKING LOT PVMT.
8	275+17.51	276+43.97	ROUTE 66 RT.	15.7	55.9		166	17	PARKING LOT PVMT.
9	278+09.65	279+38.36	ROUTE 66 LT.	9.9	35.2		104	11	PARKING LOT PVMT.
9	279+38.36	279+57.57	ROUTE 66 LT.			15.8	16		PARKING LOT PVMT.
9	278+54.29	279+17.89	ROUTE 66 RT.	5.0	17.9		53	6	PARKING LOT PVMT.
9	279+18.39	279+25.53	ROUTE 66 RT.	0.6	2.0		6	1	PARKING LOT PVMT.
9	279+26.03	279+70.17	ROUTE 66 RT.	3.6	12.9		38	4	PARKING LOT PVMT.
9	279+86.17	281+37.64	ROUTE 66 RT.			61.7	62		PARKING LOT PVMT.
9	280+97.85	281+38.93	ROUTE 66 LT.			29.7	30		PARKING LOT PVMT.
9 - 10	281+96.85	283+19.62	ROUTE 66 RT.			116.1	116		PARKING LOT PVMT.
9 - 10	281+99.61	283+09.18	ROUTE 66 LT.			114.4	114		PARKING LOT PVMT.
10	283+23.52	283+27.67	ROUTE 66 LT.			4.3	4		PARKING LOT PVMT.
10	283+42.67	284+70.16	ROUTE 66 RT.			96.5	97		PARKING LOT PVMT.
10	285+28.10	286+54.97	ROUTE 66 LT.	12.9	45.8		136	14	PARKING LOT PVMT.
10	285+28.36	286+53.63	ROUTE 66 RT.			199.2	199		PARKING LOT PVMT.
10	286+78.36	287+98.16	ROUTE 66 RT.			96.1	96		PARKING LOT PVMT.
10	286+72.97	287+99.49	ROUTE 66 LT.	12.2	43.3		128	13	PARKING LOT PVMT.
11	288+58.35	289+85.73	ROUTE 66 RT.			93.2	93		PARKING LOT PVMT.
11	288+58.49	289+84.88	ROUTE 66 LT.	7.7	27.2		81	9	PARKING LOT PVMT.
11	290+03.65	291+30.17	ROUTE 66 LT.	7.8	27.7		82	9	PARKING LOT PVMT.
11	291+88.54	293+19.08	ROUTE 66 RT.			57.8	58		PARKING LOT PVMT.
12	293+84.03	294+59.88	ROUTE 66 RT.	2.4	8.6		26	3	PARKING LOT PVMT.
12	295+35.38	296+65.02	ROUTE 66 RT.			163.9	164		PARKING LOT PVMT.
12	296+85.41	298+21.90	ROUTE 66 LT.	6.4	22.7		67	7	PARKING LOT PVMT.
13	300+41.49	301+24.48	ROUTE 66 LT.	3.3	11.7		35	4	PARKING LOT PVMT.
13	301+36.84	301+40.74	ROUTE 66 LT.	0.4	1.4		4	1	PARKING LOT PVMT.
13	302+82.62	303+19.60	ROUTE 66 RT.	6.0	21.5		64	7	PARKING LOT PVMT.
			TOTAL	151.2	537.9	1581.2	3175	169	

CONCRETE CURB & GUTTER (CITY OWNED)

SHEET NO.	STA.	STA.	LOCATION	TYPE B CURB AND GUTTER (LF)	2 FT 6 IN CURB AND GUTTER (LF)	TYPE S CURB (<= 6" HEIGHT) (LF)	TYPE S CURB (> 6" HEIGHT) (LF)	MODIFIED S-CURB (LF)	6" TYPE 5 AGGREGATE (SY)
5	259+08.19	259+71.63	ROUTE 66 LT.					67	
5	259+76.55	259+90.00	ROUTE 66 LT.					16	
5	259+90.00	260+48.41	ROUTE 66 LT.				59		
5	260+55.32		ROUTE 66 RT.				23		
6	261+12.87	261+14.39	ROUTE 66 RT.				10		
6	261+22.89	261+33.81	ROUTE 66 RT.				11		
6	261+39.81	261+86.30	ROUTE 66 RT.				47		
6	261+90.41	262+50.49	ROUTE 66 RT.				60		
6	262+97.49	263+34.13	ROUTE 66 RT.				37		
6	263+38.13	263+71.21	ROUTE 66 RT.				33		
6	263+77.71	264+29.18	ROUTE 66 RT.				52		
7	268+64.99		ROUTE 66 RT.				10		
7	270+16.19	270+21.24	ROUTE 66 RT.				5		
9	278+09.15	278+31.50	ROUTE 66 LT.					75	
9	279+18.39	279+25.53	ROUTE 66 RT.				22		
9	281+99.61	281+99.67	ROUTE 66 LT.				10		
10	283+09.18		ROUTE 66 LT.				10		
10	283+23.52		ROUTE 66 LT.				10		
12	296+63.91		ROUTE 66 LT.				3		
12	297+03.41	298+22.42	ROUTE 66 LT.					124	
12	298+16.38	298+22.40	ROUTE 66 LT.				14		
12	298+29.13	298+29.23	ROUTE 66 RT.		42				19
12	298+29.81	298+29.92	ROUTE 66 RT.		46				20
12	298+68.71	298+68.68	ROUTE 66 RT.		14				6
12	298+68.89	298+68.96	ROUTE 66 LT.		31				14
12	298+78.89	298+76.98	ROUTE 66 LT.			36			
13	299+02.46	299+65.72	ROUTE 66 LT.			63			
13	299+83.36	300+34.47	ROUTE 66 RT.			51			
13	299+90.16	301+19.95	ROUTE 66 LT.			134			
13	300+41.49	301+19.96	ROUTE 66 LT.			83			
13	301+23.82	301+24.95	ROUTE 66 LT.			3			
13	301+36.84	301+39.41	ROUTE 66 LT.			3			
13	301+39.33	301+41.25	ROUTE 66 LT.			10			
13	303+20.10		ROUTE 66 RT.	12					6
			TOTAL	12	133	383	416	282	65

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

QUANTITIES
SHEET 15 OF 22

SIDEWALK, CURB RAMP, TRUNCATED DOMES, TYPE 1 AGGREGATE (CITY OWNED)

SHEET NO.	STA.	STA.	LOCATION	SIDEWALK 4" THICK (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SF)	4" TYPE 1 AGGREGATE (SY)
5	258+99.01	259+17.16	RTE 66 LT.		12.5	20	12
5	258+99.83	259+18.53	RTE 66 RT.		12.8	20	13
5	259+17.16	260+48.41	RTE 66 LT.	85.5			86
5	259+18.53	260+47.32	RTE 66 RT.	88.4			88
5	259+72.13	259+76.05	RTE 66 LT.	1.7			2
5	260+47.32	260+65.75	RTE 66 RT.		25.9	10	26
5	260+48.41	260+67.52	RTE 66 LT.		15.6	10	16
5	260+54.24	260+60.32	RTE 66 RT.	6.6			7
5	260+55.41	260+60.41	RTE 66 LT.	4.8			5
5	260+59.53	260+68.78	RTE 66 LT.	5.1			5
5	261+00.97	261+21.95	RTE 66 LT.		19.2	10	19
5 – 6	261+02.46	261+22.89	RTE 66 RT.		24.9	13	25
	261+07.95	261+12.96	RTE 66 LT.	5.3			5
–	261+08.89	261+13.89	RTE 66 RT.	5.2			5
6	261+21.95	262+40.96	RTE 66 LT.	78.1			78
6	261+22.89	262+50.49	RTE 66 RT.	85.3			85
6	261+33.57	261+40.23	RTE 66 RT.	2.1			2
6	261+85.88	261+90.88	RTE 66 RT.	1.1			1
6	262+40.96	262+48.96	RTE 66 LT.		6.4		6
6	262+50.49	262+67.66	RTE 66 RT.		11.7	20	12
6	262+57.46	262+66.62	RTE 66 LT.		5.4	20	5
6	262+80.33	262+97.49	RTE 66 RT.		11.7	20	12
6	262+83.79	263+00.96	RTE 66 LT.		11.7	20	12
6	262+97.49	264+29.18	RTE 66 RT.	86.3			86
6	263+00.96	263+70.26	RTE 66 LT.	46.2			46
6	263+34.13	263+38.13	RTE 66 RT.	1.8			2
6	263+70.26	263+78.26	RTE 66 LT.		5.3		5
6	264+08.26	264+17.26	RTE 66 LT.		6.0		6
6	264+17.26	264+30.08	RTE 66 LT.	10.0		36	10
6	264+29.18	264+46.95	RTE 66 RT.		16.7	10	17
6	264+30.08	264+48.42	RTE 66 LT.		17.4	10	17
6	264+35.18	264+40.18	RTE 66 RT.	10.1			10
6	264+35.58	264+40.58	RTE 66 LT.	2.8			3
6	264+80.82	265+01.22	RTE 66 RT.		19.9	10	20
6	264+81.07	265+04.92	RTE 66 LT.		20.3	10	20
6	264+87.92	264+92.92	RTE 66 LT.	6.4			6
6	264+88.22	264+93.22	RTE 66 RT.	5.4			5
6	265+01.22	265+11.22	RTE 66 RT.	8.7			9
6	265+04.92	265+48.90	RTE 66 LT.	28.7			29
6	265+11.22	265+19.22	RTE 66 RT.		5.3		5
6	265+49.22	265+60.22	RTE 66 RT.		7.3		7
6	265+48.90	265+56.90	RTE 66 LT.		6.2		6
6	265+60.22	265+99.31	RTE 66 RT.	26.1			26
6	265+86.90	265+97.90	RTE 66 LT.		8.6		9
6	265+99.31	266+07.31	RTE 66 RT.		5.3		5
6	265+97.90	266+46.57	RTE 66 LT.	32.5			32
6 – 7	266+37.31	266+64.42	RTE 66 RT.		19.4	20	19
7	266+46.57	266+63.73	RTE 66 LT.		11.6		12
7	266+78.09	266+95.25	RTE 66 RT.		11.6		12
7	266+80.15	266+96.57	RTE 66 LT.		11.1		11
7	266+95.25	267+00.25	RTE 66 RT.	3.3			3
7	267+00.25	267+08.25	RTE 66 RT.		5.3		5
7	267+18.57	267+26.57	RTE 66 LT.		6.2		6
7	267+26.57	267+96.04	RTE 66 LT.	46.3			46
7	267+53.25	267+61.25	RTE 66 RT.		5.3		5
7	267+61.25	267+98.97	RTE 66 RT.	24.6			25
7	267+96.04	268+04.04	RTE 66 LT.		5.3		5
7	267+98.97	268+19.09	RTE 66 RT.		24.4	10	24
7	268+06.97	268+11.97	RTE 66 LT.	2.6			3
7	268+34.04	268+42.04	RTE 66 LT.		5.3		5
7	268+42.04	268+64.14	RTE 66 LT.	13.4			13
7	268+52.63	268+70.99	RTE 66 RT.		23.6	10	24
7	268+59.99	268+64.99	RTE 66 RT.	5.5			6
7	268+64.14	268+79.96	RTE 66 LT.		15.9	10	16
7	268+70.99	269+77.99	RTE 66 RT.	70.0			70
7	268+71.82	268+76.82	RTE 66 LT.	4.4			4
			SUBTOTAL-1	804.0	421.2	289.0	1222.0

SIDEWALK, CURB RAMP, TRUNCATED DOMES, TYPE 1 AGGREGATE (CITY OWNED)

SHEET NO.	STA.	STA.	LOCATION	SIDEWALK 4" THICK (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SF)	4" TYPE 1 AGGREGATE (SY)
7	269+22.70	269+36.66	RTE 66 LT.		15.2	10	15
7	269+25.66	269+30.66	RTE 66 LT.	5.4			5
7	269+36.66	272+38.13	RTE 66 LT.	198.0			198
7	269+77.99	269+90.99	RTE 66 RT.		9.5	12	10
7	270+04.69	270+16.19	RTE 66 RT.		8.4	12	8
7	270+16.19	270+21.24	RTE 66 RT.	3.4			3
7	270+21.24	270+32.73	RTE 66 RT.		8.4		8
7	270+62.74	270+75.74	RTE 66 RT.		9.5		10
7	270+75.74	271+26.69	RTE 66 RT.	32.8			33
7	271+19.59	271+25.76	RTE 66 LT.	11.0			11
7	271+26.69	271+45.31	RTE 66 RT.		18.5	10	19
7	271+33.69	271+38.69	RTE 66 RT.	4.8			5
8	272+38.13	272+60.13	RTE 66 LT.		28.3	12	28
8	272+42.90	272+55.40	RTE 66 LT.	5.9			6
8	272+60.13	273+02.74	RTE 66 LT.	26.7			27
8	273+02.74	273+21.26	RTE 66 LT.		18.1	10	18
8	273+11.74	273+16.98	RTE 66 LT.	5.4			5
8	273+34.39	273+51.55	RTE 66 RT.		11.6	20	12
8	273+51.55	273+62.30	RTE 66 RT.	7.2			7
8	273+61.59	273+73.47	RTE 66 LT.		7.8	10	8
8	273+62.30	273+71.30	RTE 66 RT.		6.0		6
8	273+73.47	274+40.36	RTE 66 LT.	42.5			43
8	274+01.30	274+09.30	RTE 66 RT.		5.3		5
8	274+09.30	274+49.14	RTE 66 RT.	24.6			25
8	274+40.36	274+49.36	RTE 66 LT.		6.0		6
8	274+49.14	274+67.21	RTE 66 RT.		20.1	10	20
8	274+59.14	274+64.14	RTE 66 RT.	2.8			3
8	274+72.36	274+80.36	RTE 66 LT.		5.3		5
8	274+80.36	275+37.48	RTE 66 LT.	38.1			38
8	275+09.90	275+26.12	RTE 66 RT.		16.9	10	17
8	275+13.12	275+18.12	RTE 66 RT.	5.4			5
8	275+26.12	275+35.69	RTE 66 RT.	8.6			9
8	275+35.69	275+45.69	RTE 66 RT.		6.7		7
8	275+37.48	275+54.64	RTE 66 LT.		11.6	20	12
8	275+69.81	275+86.98	RTE 66 LT.		11.7	20	12
8	275+86.98	276+49.64	RTE 66 LT.	41.8			42
8	276+49.64	276+59.64	RTE 66 LT.		7.8		8
8	276+05.69	276+12.69	RTE 66 RT.		4.7		5
8	276+12.69	276+23.97	RTE 66 RT.	7.5			8
8	276+23.97	276+43.13	RTE 66 RT.		13.2	20	13
8	276+57.30	276+73.47	RTE 66 RT.		10.9	20	11
8	276+73.47	277+73.37	RTE 66 RT.	65.2			65
8	276+77.64	276+84.64	RTE 66 LT.		5.4		5
8 – 9	276+84.64	277+40.47	RTE 66 LT.	36.6			37
9	277+40.47	277+63.38	RTE 66 LT.		24.9	10	25
9	277+51.47	277+56.47	RTE 66 LT.	4.0			4
9	277+51.47	277+56.47	RTE 66 LT.	2.6			3
9	277+73.37	277+95.93	RTE 66 RT.		20.8	10	21
9	277+84.37	277+89.37	RTE 66 RT.	4.3			4
9	277+97.38	278+15.15	RTE 66 LT.		21.0	10	21
9	278+04.15	278+09.15	RTE 66 LT.	26.8			27
9	278+09.65	278+30.50	RTE 66 LT.	22.6			23
9	278+30.50	278+39.50	RTE 66 LT.		6.0		6
9	278+34.22	278+53.07	RTE 66 RT.		17.9	10	18
9	278+40.07	278+45.07	RTE 66 RT.	5.2			5
9	278+53.07	278+73.89	RTE 66 RT.	13.7			14
9	278+63.50	278+71.50	RTE 66 LT.		5.3		5
9	278+71.50	278+86.36	RTE 66 LT.	9.9			10
9	278+73.89	278+82.89	RTE 66 RT.		6.0		6
9	278+86.36	278+95.36	RTE 66 LT.		6.0		6
9	279+17.89	279+26.03	RTE 66 RT.		5.4		5
9	279+30.36	279+38.36	RTE 66 LT.		5.3		5
9	279+38.36	279+80.95	RTE 66 LT.	31.8			32
9	279+52.17	279+69.34	RTE 66 RT.		11.8	20	12
9	279+80.95	279+90.95	RTE 66 LT.		8.1	13	8
9	279+87.00	280+04.15	RTE 66 RT.		11.6	20	12
9	280+04.15	281+22.29	RTE 66 RT.	77.2			77
			SUBTOTAL-2	771.6	417.1	289.0	1192.0

QUANTITES
SHEET 16 OF 22

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/10/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185C\plan_sheets\3 Quantities\003_QU_01-21_J7S2185C_T1.dgn 11:10:24 PM 8/10/2025

SIDEWALK, CURB RAMP, TRUNCATED DOMES, TYPE 1 AGGREGATE (CITY OWNED)

SHEET NO.	STA.	STA.	LOCATION	SIDEWALK 4" THICK (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SF)	4" TYPE 1 AGGREGATE (SY)
9	280+10.49	280+18.49	RTE 66 LT.		6.9	13	7
9	280+18.49	281+22.24	RTE 66 LT.	85.8	85.8		172
9	281+22.24	281+51.22	RTE 66 LT.		34.2	22	34
9	281+22.29	281+46.26	RTE 66 RT.		26.1	23	26
9	281+38.11	281+43.10	RTE 66 RT.	2.2	2.2		4
9	281+38.93	281+43.83	RTE 66 LT.	9.4			9
9	281+39.15	281+44.15	RTE 66 LT.	6.7			7
9	281+86.18	282+07.00	RTE 66 LT.		24.0	10	24
9	281+88.74	282+03.07	RTE 66 RT.		15.5	10	16
9	281+91.88	281+96.86	RTE 66 RT.	2.8			3
9	281+93.67	281+99.11	RTE 66 LT.	6.1			6
9	282+03.07	282+12.07	RTE 66 RT.	7.7			8
9 – 10	282+07.00	282+66.18	RTE 66 LT.	44.6			45
9	282+12.07	282+21.07	RTE 66 RT.		6.0		6
10	282+66.18	282+79.18	RTE 66 LT.		9.5		10
10	282+91.07	282+98.07	RTE 66 RT.		4.7		5
10	282+91.07	283+07.31	RTE 66 RT.	6.2			6
10	283+07.31	283+24.47	RTE 66 RT.		11.6	20	12
10	283+09.68	283+26.84	RTE 66 LT.		11.1	20	11
10	283+41.14	283+58.31	RTE 66 RT.		11.6	20	12
10	283+43.51	283+57.64	RTE 66 LT.		9.3	20	9
10	283+58.31	284+58.03	RTE 66 RT.	68.7			69
10	283+97.64	284+05.64	RTE 66 LT.		6.2		6
10	284+05.64	284+59.16	RTE 66 LT.	35.1			35
10	284+58.03	284+81.23	RTE 66 RT.		19.7	10	20
10	284+69.03	284+74.03	RTE 66 RT.	5.4	5.4		11
10	284+70.16	284+75.16	RTE 66 LT.	2.9			3
10	284+59.16	284+81.20	RTE 66 LT.		20.0	10	20
10	285+15.37	285+33.36	RTE 66 RT.		15.6	10	16
10	285+15.39	285+33.10	RTE 66 LT.		16.7	10	17
10	285+23.10	285+28.10	RTE 66 LT.	5.3			5
10	285+23.36	285+28.36	RTE 66 RT.	5.6			6
10	285+33.10	285+88.09	RTE 66 LT.	34.5			34
10	285+33.36	286+06.35	RTE 66 RT.	46.5			47
10	285+88.09	285+98.09	RTE 66 LT.		6.7		7
10	286+06.35	286+16.35	RTE 66 RT.		7.8		8
10	286+37.35	286+54.51	RTE 66 RT.		11.6	20	12
10	286+38.09	286+54.14	RTE 66 LT.		10.8	20	11
10	286+72.18	286+98.60	RTE 66 RT.		18.9	20	19
10	286+73.80	286+91.08	RTE 66 LT.		11.8	20	12
10	287+28.60	287+36.60	RTE 66 RT.		6.2		6
10	287+31.08	287+39.08	RTE 66 LT.		6.2		6
10	287+36.60	287+91.66	RTE 66 RT.	35.1			35
6 – 7	287+39.08	287+88.99	RTE 66 LT.	31.6			32
7	287+88.99	288+12.19	RTE 66 LT.		25.2	10	25
10	287+91.66	288+12.20	RTE 66 RT.		27.0	10	27
10	287+98.80	288+04.80	RTE 66 RT.	3.3			3
7	287+99.99	288+04.99	RTE 66 LT.	2.5			3
7	288+45.67	288+64.85	RTE 66 RT.		24.7	10	25
7	288+45.98	288+63.99	RTE 66 LT.		23.0	10	23
7	288+52.85	288+57.85	RTE 66 RT.	2.6			3
7	288+52.99	288+57.99	RTE 66 LT.	1.6			2
7	288+53.07	288+58.07	RTE 66 LT.	2.7			3
7	288+63.99	289+66.88	RTE 66 LT.	67.2			67
7	288+64.85	289+12.73	RTE 66 RT.	30.8			31
7	289+12.73	289+20.73	RTE 66 RT.		5.3		5
7	289+66.88	289+84.04	RTE 66 LT.		11.7	20	12
7	289+70.73	289+84.90	RTE 66 RT.		9.4	20	9
7	290+02.57	290+19.73	RTE 66 RT.		11.7	20	12
7	290+04.48	290+21.65	RTE 66 LT.		11.7	20	12
7	290+19.73	291+21.35	RTE 66 RT.	68.6			69
7	290+21.65	291+20.17	RTE 66 LT.	64.7			65
7	291+20.17	291+38.31	RTE 66 LT.		18.7	10	19
7	291+21.35	291+41.54	RTE 66 RT.		32.2	17	32
7	291+30.17	291+35.17	RTE 66 LT.	2.8			3
7	291+30.35	291+35.35	RTE 66 RT.	5.4			5
			SUBTOTAL-3	694.3	622.8	425.0	1324.0

SIDEWALK, CURB RAMP, TRUNCATED DOMES, TYPE 1 AGGREGATE (CITY OWNED)

SHEET NO.	STA.	STA.	LOCATION	SIDEWALK 4" THICK (SY)	CONCRETE CURB RAMP (SY)	TRUNCATED DOMES (SF)	4" TYPE 1 AGGREGATE (SY)
7	291+77.35	291+96.54	RTE 66 RT.		24.3	17	24
7	291+81.59	291+99.00	RTE 66 LT.		18.1	10	18
7	291+85.00	291+90.10	RTE 66 LT.	5.6			6
7	291+96.54	293+03.08	RTE 66 RT.	71.9			72
7	291+99.00	296+44.98	RTE 66 LT.	300.8			301
7	293+03.08	293+18.83	RTE 66 RT.		11.0	18	11
7	293+37.34	293+53.08	RTE 66 RT.		11.0	18	11
7	293+53.08	294+59.88	RTE 66 RT.	74.9			75
7	294+59.88	294+78.18	RTE 66 RT.		23.2	10	23
7	294+67.88	294+75.55	RTE 66 RT.	4.0			4
8	295+25.17	295+42.88	RTE 66 RT.		19.3	10	19
8	295+25.57	295+34.88	RTE 66 RT.	4.8			5
8	295+29.88	295+34.88	RTE 66 RT.	2.8			3
8	295+42.88	296+49.02	RTE 66 RT.	69.4			69
7	296+44.98	296+62.57	RTE 66 LT.		12.1	20	12
8	296+49.02	296+64.77	RTE 66 RT.		11.0	18	11
8	296+85.28	297+01.02	RTE 66 RT.		10.9	18	11
8	296+86.24	297+03.41	RTE 66 LT.		11.7	20	12
8	297+01.02	298+10.12	RTE 66 RT.	85.6			86
8	297+03.41	298+09.31	RTE 66 LT.	71.4			71
8	298+09.31	298+29.42	RTE 66 LT.		25.2	25	25
8	298+10.12	298+28.63	RTE 66 RT.		24.3	22	24
8	298+19.50	298+28.73	RTE 66 RT.	37.2			37
8	298+19.89	298+29.31	RTE 66 LT.	39.1			39
8	298+69.21	298+79.46	RTE 66 RT.	20.2			20
8	298+69.39	298+78.89	RTE 66 LT.	37.6			38
8	298+73.40	299+02.46	RTE 66 LT.		32.0	29	32
8	298+74.81	299+05.00	RTE 66 RT.		46.2	27	46
10	299+02.46	299+65.72	RTE 66 LT.	43.0			43
10	299+05.00	301+20.48	RTE 66 RT.	260.5			260
10	299+65.72	299+90.16	RTE 66 LT.		19.9		20
10	299+90.16	301+19.95	RTE 66 LT.	88.2			88
10	301+19.95	301+44.68	RTE 66 LT.		28.0	24	28
10	301+20.48	301+44.34	RTE 66 RT.		43.2	26	43
10	301+34.21	301+49.35	RTE 66 RT.	23.6			24
10	301+39.33	301+48.83	RTE 66 LT.	9.4			9
10	301+90.00	302+77.75	RTE 66 RT.	125.8			126
10	301+90.08	301+99.58	RTE 66 LT.	12.1			12
10	301+90.10	302+00.00	RTE 66 LT.		16.4	21	16
10	301+90.86	302+09.58	RTE 66 RT.		20.2	23	20
10	302+77.75	302+85.75	RTE 66 RT.		6.2		6
10	303+01.75	303+18.76	RTE 66 RT.		11.6	20	12
10	303+40.43	303+57.60	RTE 66 RT.		11.7	20	12
10	303+57.60	304+20.00	RTE 66 RT.	50.3			50
			SUBTOTAL-4	1437.9	437.3	396.0	1874.0
			SUBTOTAL-3	694.3	622.8	425.0	1324.0
			SUBTOTAL-2	771.6	417.1	289.0	1192.0
			SUBTOTAL-1	804.0	421.2	289.0	1222.0
			TOTALS	3707.8	1898.4	1399.0	5612.0

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/10/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

QUANTITIES
SHEET 17 OF 22

ENTRANCES – CITY OWNED

SHEET NO.	STA.	LOCATION	TYPE	WIDTH	RADIUS	8" PAVED APPROACH (SY)	4" TYPE 5 AGGREGATE (SY)	LINEAR GRADING (STA)
5	258+92.78	ROUTE 66 RT.	III	12.5	10	22.3	22	0.3
5	258+93.31	ROUTE 66 LT.	III	10	10	53.2	53	0.7
6	262+53.21	ROUTE 66 LT.	III	8.5		15.6	16	0.2
6	262+73.99	ROUTE 66 RT.	III	11	10	23.6	24	0.1
6	262+75.21	ROUTE 66 LT.	III	15.5	10	37.7	38	0.2
6	263+93.26	ROUTE 66 LT.	III	30		21.7	22	0.1
6	265+34.22	ROUTE 66 RT.	III	30		21.7	22	0.1
6	265+71.90	ROUTE 66 LT.	III	30		23.3	23	0.1
6	266+22.31	ROUTE 66 RT.	III	30		21.7	22	0.1
7	266+71.25	ROUTE 66 RT.	III	12		26.5	27	0.2
7	266+71.94	ROUTE 66 LT.	III	14.75		23.1	23	0.1
7	267+07.57	ROUTE 66 LT.	III	22		17.1	17	0.1
7	267+30.75	ROUTE 66 RT.	II	45		32.5	33	0.1
7	268+19.04	ROUTE 66 RT.	III	30		21.7	22	0.1
7	0+57.50	PICHER AVE S RT.	III	25.5	7	42.3	42	0.1
7	4+89.41	PICHER AVE N RT.	III	40	4 & 5	43.8	44	0.1
7	269+97.80	ROUTE 66 RT.	III	13.6	5	25.3	25	0.2
7	270+47.74	ROUTE 66 RT.	III	30	5	25.1	25	0.1
7	0+50.07	MURPHY AVE LT.	III	1.9	5	4.3	4	0.1
8	273+25.55	ROUTE 66 RT.	III	16	10	29.9	30	0.1
8	273+86.30	ROUTE 66 RT.	III	30		21.7	22	0.1
8	274+60.86	ROUTE 66 LT.	III	23		16.6	17	0.1
8	275+62.23	ROUTE 66 LT.	III	13.5	10	24.6	25	0.1
8	275+75.69	ROUTE 66 RT.	III	60		43.3	43	0.1
8	276+50.22	ROUTE 66 RT.	III	12.5	10	31.6	32	0.2
8	276+68.64	ROUTE 66 LT.	III	18		39	39	0.2
9	4+94.96	CONNER AVE N LT.	III	24	8	42.4	42	0.1
9	0+52.30	CONNER AVE S RT.	III	11.9	5	21.7	22	0.2
9	278+51.50	ROUTE 66 LT.	III	24		17.3	17	0.1
9	279+00.39	ROUTE 66 RT.	III	35		25.3	25	0.1
9	279+12.86	ROUTE 66 LT.	III	35		25.3	25	0.1
9	279+39.03	ROUTE 66 RT.	III	26.3		18.8	19	0.1
9	279+78.17	ROUTE 66 RT.	III	16	10	31.7	32	0.1
9	280+00.73	ROUTE 66 LT.	III	16		42.3	42	0.2
9	0+53.36	JACKSON AVE S RT.	III	17.5	4	17.4	17	0.1
9	4+31.14	JACKSON AVE N RT.	III	25	8.5	43.3	43	0.1
9	4+00.36	JACKSON AVE N RT.	III	2.5	8.5	6.1	6	0.1
9	0+53.36	JACKSON AVE S RT.	III	17.5	4	17.4	17	0.1
9	0+55.01	JACKSON AVE S LT.	III	16.7	4	18.2	18	0.1
10	282+56.07	ROUTE 66 RT.	III	70		50.6	51	0.1
10	282+94.18	ROUTE 66 LT.	III	30	5	25.4	25	0.1
10	283+32.81	ROUTE 66 RT.	III	15	10	30	30	0.1
10	283+35.17	ROUTE 66 LT.	III	15	10	33.4	33	0.2
10	283+77.64	ROUTE 66 LT.	III	40		31.1	31	0.1
10	4+54.96	SERGEANT AVE N RT.	III	9.3		13.6	14	0.1
13	286+18.09	ROUTE 66 LT.	III	40		28.9	29	0.1
13	286+26.85	ROUTE 66 RT.	III	21		16.3	16	0.1
13	286+63.35	ROUTE 66 RT.	III	16	10	31.7	32	0.1
13	286+63.97	ROUTE 66 LT.	III	18	10	38.9	39	0.2
13	287+11.08	ROUTE 66 LT.	III	40		31.1	31	0.1
13	287+13.60	ROUTE 66 RT.	III	30		23.3	23	0.1
13	0+60.01	MOFFET AVE S RT.	III	28	5	49.8	50	0.1
13	4+44.34	MOFFET AVE N RT.	III	30	5	49	49	0.1
13	0+59.99	MOFFET AVE S LT.	III	28	5	45.9	46	0.1
13	4+38.51	MOFFET AVE N LT.	III	32	5	51.6	52	0.1
13	289+45.73	ROUTE 66 RT.	III	50		36.1	36	0.1
13	289+93.73	ROUTE 66 RT.	III	16	10	40.5	41	0.2
13	289+94.26	ROUTE 66 LT.	III	18.8	10	27.8	28	0.1
10	0+50.51	BYERS AVE RT.	III	12	5	20.3	20	0.1
13	293+28.08	ROUTE 66 RT.	III	18	8	23.9	24	0.1
13	0+61.44	PEARL AVE RT.	III	30	5	46.8	47	0.1
13	0+59.06	PEARL AVE LT.	III	25	5	39.3	39	0.1
13	296+74.66	ROUTE 66 LT.	III	21.5	10	46.2	46	0.2
13	296+75.02	ROUTE 66 RT.	III	20	8	51.7	52	0.2
13	0+84.61	JOPLIN AVE RT.	III	12	20	18.4	18	0.1
10	302+93.75	ROUTE 66 RT.	III	16		12.4	12	0.1
10	303+29.60	ROUTE 66 RT.	III	20	10	42.6	43	0.2
					TOTALS	1993	1993	8.5

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

QUANTITIES
SHEET 18 OF 22

TEMPORARY EROSION CONTROL - (CITY OWNED)

SHEET NO.	STA.	LOCATION	STA.	LOCATION	PHASE	CURB INLET CHECK (EACH)	SILT FENCE (FT)	SODDING TURF TYPE TALL FESCUE (SY)	SEDIMENT REMOVAL (CY)
128	258+98.65	ROUTE 66 LT	259+16.6	ROUTE 66 LT	CONSTRUCTION		24		1
128	258+99.41	ROUTE 66 RT	259+37.1	ROUTE 66 RT	CONSTRUCTION		71		1
128	259+16.33	ROUTE 66 LT	259+72.03	ROUTE 66 LT	CONSTRUCTION		75		1
128	259+76.36	ROUTE 66 LT	260+55.27	ROUTE 66 LT	CONSTRUCTION		90		1
128	260+38.58	ROUTE 66 LT		ROUTE 66 LT	CONSTRUCTION	1			1
128	260+59.39	ROUTE 66 LT	260+68.72	ROUTE 66 LT	CONSTRUCTION		9		1
128	0+42.75	PORTER AVE S RT & LT			CONSTRUCTION	2			2
128 & 129	260+99.23	ROUTE 66 LT	261+08.82	ROUTE 66 LT	CONSTRUCTION		11		1
129	261+12.99	ROUTE 66 LT	261+97.45	ROUTE 66 LT	CONSTRUCTION		100		1
129	261+30.43	ROUTE 66 RT			CONSTRUCTION	1			1
129	261+99.82	ROUTE 66 LT	262+48.52	ROUTE 66 LT	CONSTRUCTION		49		1
129	262+57.33	ROUTE 66 LT	262+67.16	ROUTE 66 LT	CONSTRUCTION		10		1
129	263+15.5	ROUTE 66 RT & LT			CONSTRUCTION	2			2
129	263+34.99	ROUTE 66 RT			CONSTRUCTION	1			1
129	263+65.44	ROUTE 66 LT			CONSTRUCTION	1			1
129	264+24.04	ROUTE 66 RT			CONSTRUCTION	1			1
129	+47.98	EMPIRE AVE S RT & LT			CONSTRUCTION	2			2
129	264+79.68	ROUTE 66 LT	264+88.95	ROUTE 66 LT	CONSTRUCTION		12		1
129	264+93.31	ROUTE 66 LT	265+02.58	ROUTE 66 LT	CONSTRUCTION		22		1
129	265+05.84	ROUTE 66 RT & LT			CONSTRUCTION	2			2
130	267+19.1	ROUTE 66 LT	268+01.34	ROUTE 66 LT	CONSTRUCTION		82		1
130	+43.25	PITCHER AVE LT			CONSTRUCTION	1			1
130	268+78.75	ROUTE 66 RT			CONSTRUCTION	1			1
130	269+22.32	ROUTE 66 LT	269+25.72	ROUTE 66 LT	CONSTRUCTION		202		3
130 & 131	269+30.49	ROUTE 66 LT	271+19.37	ROUTE 66 LT	CONSTRUCTION		124		2
130	271+20.	ROUTE 66 RT & LT			CONSTRUCTION	2			2
130	+40.54	MURPH AVE LT			CONSTRUCTION	1			1
130	+44.06	MURPH AVE RT			CONSTRUCTION	1			1
131	272+55.62	ROUTE 66 LT	273+12.45	ROUTE 66 LT	CONSTRUCTION		79		1
131	272+95.	ROUTE 66 LT			CONSTRUCTION	2			2
131	273+16.91	ROUTE 66 LT	273+22.75	ROUTE 66 LT	CONSTRUCTION		14		1
131	274+41.	ROUTE 66 RT			CONSTRUCTION	1			1
131	+43.5	CHESTNUT AVE RT & LT			CONSTRUCTION	2			2
131	275+04.77	ROUTE 66 LT	275+54.16	ROUTE 66 LT	CONSTRUCTION		50		1
131	275+69.02	ROUTE 66 LT	27639+83.	ROUTE 66 LT	CONSTRUCTION		71		1
131	276+20.38	ROUTE 66 RT			CONSTRUCTION	1			1
131 & 132	276+42.16	ROUTE 66 LT	277+51.41	ROUTE 66 LT	CONSTRUCTION		119		2
132	277+37.86	ROUTE 66 LT			CONSTRUCTION	1			1
132	277+55.82	ROUTE 66 LT	277+64.74		CONSTRUCTION		9		1
132	277+68.01	ROUTE 66 RT			CONSTRUCTION	1			1
132	4+67.	CONNER AVE RT & LT			CONSTRUCTION	2			2
132	278+18.3	ROUTE 66 LT			CONSTRUCTION	1			1
132	278+61.	ROUTE 66 RT			CONSTRUCTION	1			1
132	279+44.	ROUTE 66 LT			CONSTRUCTION	1			1
132	279+75.	ROUTE 66LT			CONSTRUCTION	1			1
132	280+24.01	ROUTE 66 LT			CONSTRUCTION	1			1
132	281+27.	ROUTE 66 RT & LT			CONSTRUCTION	2			2
132	4+58.	JACKSON AVE N RT & LT			CONSTRUCTION	2			2
132	282+55.1	ROUTE 66 LT			CONSTRUCTION	1			1
133	283+02.5	ROUTE 66 RT			CONSTRUCTION	1			1
133	283+35.	ROUTE 66 LT			CONSTRUCTION	1			1
133	283+64.	ROUTE 66 RT			CONSTRUCTION	1			1
133	284+60.	ROUTE 66 LT			CONSTRUCTION	1			1
133	4+60.33	SARGEANT AVE N RT			CONSTRUCTION	1			1
133	+42.5	SARGEANT AVE S RT & LT			CONSTRUCTION	2			2
133	285+46.	ROUTE 66 RT & LT			CONSTRUCTION	2			2
133	286+64.	ROUTE 66 LT			CONSTRUCTION	1			1
133	287+78.	ROUTE 66 LT			CONSTRUCTION	1			1
133	287+82.	ROUTE 66 RT			CONSTRUCTION	1			1
134	4+20.75	MOFFET AVE N RT			CONSTRUCTION	1			1
134	4+62.2	MOFFET AVE N LT			CONSTRUCTION	1			1
134	+82.	MOFFET AVE S RT & LT			CONSTRUCTION	2			2
134	288+70.	ROUTE 66 RT & LT			CONSTRUCTION	2			2
134	289+06.17	ROUTE 66 RT & LT			CONSTRUCTION	2			2
134	289+33.24	ROUTE 66 RT			CONSTRUCTION	1			1
134	289+40.	ROUTE 66 LT			CONSTRUCTION	1			1
134	289+58.	ROUTE 66 RT			CONSTRUCTION	1			1
134	289+94.26	ROUTE 66 LT			CONSTRUCTION	1			1
134	291+14.	ROUTE 66 RT			CONSTRUCTION	1			1
134	291+17.18	ROUTE 66 LT			CONSTRUCTION	1			1
134	291+35.07	ROUTE 66 LT	291+39.2	ROUTE 66 LT	CONSTRUCTION		4		1
134	+47.98	BYERS AVE S RT			CONSTRUCTION	1			1
134	+82.	BYERS AVE S LT			CONSTRUCTION	1			1
134	291+80.39	ROUTE 66 LT	291+85.11	ROUTE 66 LT	CONSTRUCTION	1			1
				SUBTOTAL-1		68	1227		93

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

QUANTITIES
SHEET 19 OF 22

TEMPORARY EROSION CONTROL - (CITY OWNED)

SHEET NO.	STA.	LOCATION	STA.	LOCATION	PHASE	CURB INLET CHECK (EACH)	SILT FENCE (FT)	SODDING TURF TYPE TALL FESCUE (SY)	SEDIMENT REMOVAL (CY)
$ECO8$	291+90.13	ROUTE 66 LT	292+28.89	ROUTE 66 LT	CONSTRUCTION		42		1
$ECO8$	293+23.4	ROUTE 66 RT			CONSTRUCTION	1			1
$ECO8$	292+23.4	ROUTE 66 LT			CONSTRUCTION	1			1
$ECO8$ & 135	292+28.8	ROUTE 66 RT	296+17.93	ROUTE 66 RT	CONSTRUCTION		393		4
$ECO8$	292+60.	ROUTE 66 RT			CONSTRUCTION	1			1
$ECO8$	292+70.	ROUTE 66 LT			CONSTRUCTION	1			1
$ECO8$	292+98.	ROUTE 66 RT			CONSTRUCTION	1			1
$ECO8$	293+15.	ROUTE 66 LT			CONSTRUCTION	1			1
$ECO8$	293+28.	ROUTE 66 RT			CONSTRUCTION	1			1
$ECO9$	293+60.	ROUTE 66 RT			CONSTRUCTION	1			1
$ECO9$	1+20.8	PEARL AVE RT & LT			CONSTRUCTION	2			2
$ECO9$	295+17.75	ROUTE 66 LT			CONSTRUCTION	1			1
$ECO9$	295+48.86	ROUTE 66 RT			CONSTRUCTION	1			1
$ECO9$	295+67.	ROUTE 66 RT & LT			CONSTRUCTION	2			2
$ECO9$	296+39.47	ROUTE 66 LT			CONSTRUCTION	1			1
$ECO9$	296+40.4	ROUTE 66 RT			CONSTRUCTION	1			1
$ECO9$	296+46.75	ROUTE 66 LT	296+66.31	ROUTE 66 LT	CONSTRUCTION		23		1
$ECO9$	296+75.	ROUTE 66 RT			CONSTRUCTION	1			1
$ECO9$	298+02.	ROUTE 66 RT			CONSTRUCTION	1			1
$ECO9$	+58.	WALL AVE S			CONSTRUCTION	2			2
136	299+10.	ROUTE 66 RT & LT			CONSTRUCTION	2			2
136	300+02.	ROUTE 66 RT			CONSTRUCTION	1			1
136	+54.	JOPLIN AVE S RT & LT			CONSTRUCTION	2			2
136	302+15.	ROUTE 66 LT			CONSTRUCTION	1			1
138	258+98.36	ROUTE 66 LT	259+15.83	ROUTE 66 LT	FINAL			1	
138	258+98.36	ROUTE 66 LT	259+72.13	ROUTE 66 LT	FINAL			41	
138	258+99.03	ROUTE 66 RT	159+35.73	ROUTE 66 RT	FINAL			115	
138	259+76.58	ROUTE 66 LT	260+55.29	ROUTE 66 LT	FINAL			31	
138	260+26.26	ROUTE 66 LT	260+62.77	ROUTE 66 LT	FINAL			11	
138	260+31.14	ROUTE 66 RT	260+55.32	ROUTE 66 RT	FINAL			4	
138	260+32.55	ROUTE 66 RT	260+53.21	ROUTE 66 RT	FINAL			6	
138	260+59.57	ROUTE 66 LT	260+68.79	ROUTE 66 LT	FINAL			3	
138	260+59.57	ROUTE 66 LT	260+68.79	ROUTE 66 LT	FINAL			11	
138	260+59.32	ROUTE 66 RT	260+68.56	ROUTE 66 RT	FINAL			2	
138 & 139	260+99.52	ROUTE 66 LT	261+09.	ROUTE 66 LT	FINAL			17	
138 & 139	260+99.64	ROUTE 66 RT	261+08.89	ROUTE 66 RT	FINAL			22	
139	261+05.49	ROUTE 66 LT	261+36.95	ROUTE 66 LT	FINAL			8	
139	261+12.87	ROUTE 66 RT	262+68.49	ROUTE 66 RT	FINAL			55	
139	261+12.96	ROUTE 66 LT	261+97.36	ROUTE 66 LT	FINAL			22	
139	261+99.86	ROUTE 66 LT	262483+96.	ROUTE 66 LT	FINAL			12	
139	262+57.46	ROUTE 66 LT	262+67.46	ROUTE 66 LT	FINAL			5	
139	263+79.49	ROUTE 66 RT	263+25.03	ROUTE 66 RT	FINAL			24	
139	263+37.46	ROUTE 66 RT	263+71.21	ROUTE 66 RT	FINAL			20	
139	263+77.46	ROUTE 66 RT	264+34.68	ROUTE 66 RT	FINAL			31	
139	264+12.18	ROUTE 66 RT	264+39.97	ROUTE 66 RT	FINAL			4	
139	264+26.83	ROUTE 66 LT	264+44.7	ROUTE 66 LT	FINAL			5	
139	264+39.44	ROUTE 66 RT	264+48.45	ROUTE 66 RT	FINAL			23	
139	264+40.58	ROUTE 66 LT	264+49.08	ROUTE 66 LT	FINAL			9	
139	264+79.6	ROUTE 66 LT	264+88.97	ROUTE 66 LT	FINAL			13	
139	264+79.35	ROUTE 66 RT	264+88.76	ROUTE 66 RT	FINAL			21	
139	264+85.59	ROUTE 66 LT	265+14.92	ROUTE 66 LT	FINAL			8	
139	2648+73.8	ROUTE 66 RT	265+11.22	ROUTE 66 RT	FINAL			4	
139	264+93.42	ROUTE 66 LT	265+02.56	ROUTE 66 LT	FINAL			7	
140	266+20.63	ROUTE 66 RT	266+65.25	ROUTE 66 RT	FINAL			4	
140	266+77.25	ROUTE 66 RT	266+90.55	ROUTE 66 RT	FINAL			7	
140	267+19.58	ROUTE 66 LT	267+96.04	ROUTE 66 LT	FINAL			21	
140	267+89.09	ROUTE 66 RT	268+14.57	ROUTE 66 RT	FINAL			7	
140	268+12.47	ROUTE 66 RT	268+20.57	ROUTE 66 RT	FINAL			11	
140	268+11.97	ROUTE 66 RT	268+20.59	ROUTE 66 RT	FINAL			5	
140	268+47.04	ROUTE 66 LT	268+76.57	ROUTE 66 LT	FINAL			11	
140	268+76.82	ROUTE 66 LT	268+80.85	ROUTE 66 LT	FINAL			6	
140	268+51.15	ROUTE 66 RT	268+60.14	ROUTE 66 RT	FINAL			33	
140	268+57.15	ROUTE 66 RT	268+88.	ROUTE 66 RT	FINAL			9	
140	268+65.49	ROUTE 66 RT	269+90.98	ROUTE 66 RT	FINAL			38	
140	269+21.86	ROUTE 66 LT	269+25.66	ROUTE 66 LT	FINAL			4	
140	269+26.13	ROUTE 66 LT	269+68.66	ROUTE 66 LT	FINAL			13	
140	269+30.25	ROUTE 66 LT	271+19.59	ROUTE 66 LT	FINAL			90	
140	271+11.69	ROUTE 66 RT	271+38.33	ROUTE 66 RT	FINAL			9	
140 & 141	271+25.06	ROUTE 66 LT	272+46.13	ROUTE 66 LT	FINAL			41	
140	271+37.75	ROUTE 66 RT	271+46.79	ROUTE 66 RT	FINAL			17	
140 & 141	271+78.51	ROUTE 66 RT	271+86.43	ROUTE 66 RT	FINAL			14	
140 & 141	271+84.5	ROUTE 66 RT	272+14.43	ROUTE 66 RT	FINAL			8	
141	272+52.13	ROUTE 66 LT	273+12.4	ROUTE 66 LT	FINAL			45	
141	272+84.2	ROUTE 66 LT	273+16.74	ROUTE 66 LT	FINAL			9	
				SUBTOTAL-2		26	458	937	32

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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CERTIFICATE OF
AUTHORITY NO. 001592

QUANTITIES
SHEET 20 OF 22

TEMPORARY EROSION CONTROL – (CITY OWNED)

SHEET NO.	STA.	LOCATION	STA.	LOCATION	PHASE	CURB INLET CHECK (EACH)	SILT FENCE (FT)	SODDING TURF TYPE TALL FESCUE (SY)	SEDIMENT REMOVAL (CY)
141	273+16.74	ROUTE 66 LT	273+22.73	ROUTE 66 LT	FINAL			6	
141	273+66.11	ROUTE 66 LT	273+95.97	ROUTE 66 LT	FINAL			5	
141	274+26.75	ROUTE 66 RT	274+63.78	ROUTE 66 RT	FINAL			14	
141	274+64.14	ROUTE 66 RT	274+68.14	ROUTE 66 RT	FINAL			7	
141	275+04.95	ROUTE 66 LT	275+55.48	ROUTE 66 LT	FINAL			7	
141	275+09.12	ROUTE 66 RT	275+13.22	ROUTE 66 RT	FINAL			8	
141	276+13.33	ROUTE 66 RT	275+26.12	ROUTE 66 RT	FINAL			5	
141	275+68.98	ROUTE 66 LT	276+39.58	ROUTE 66 LT	FINAL			33	
141	276+42.65	ROUTE 66 LT	276+59.91	ROUTE 66 LT	FINAL			13	
141 & 142	276+56.47	ROUTE 66 RT	277+84.84	ROUTE 66 RT	FINAL			27	
141 & 142	276+77.64	ROUTE 66 LT	277+51.47	ROUTE 66 LT	FINAL			29	
142	277+30.	ROUTE 66 LT	277+58.86	ROUTE 66 LT	FINAL			8	
142	277+55.75	ROUTE 66 RT	277+90.09	ROUTE 66 RT	FINAL			10	
142	277+56.47	ROUTE 66 LT	277+64.86	ROUTE 66 LT	FINAL			15	
142	277+89.37	ROUTE 66 RT	277+99.46	ROUTE 66 RT	FINAL			14	
142	277+95.9	ROUTE 66 LT	278+04.73	ROUTE 66 LT	FINAL			57	
142	278+01.95	ROUTE 66 LT	278+21.82	ROUTE 66 LT	FINAL			6	
142	278+30.6	ROUTE 66 RT	278+40.07	ROUTE 66 RT	FINAL			16	
142	278+40.05	ROUTE 66 RT	278+63.5	ROUTE 66 RT	FINAL			7	
142	278+44.48	ROUTE 66 RT	278+54.29	ROUTE 66 RT	FINAL			7	
142	281+03.63	ROUTE 66 RT	281+32.79	ROUTE 66 RT	FINAL			12	
142	281+12.27	ROUTE 66 LT	281+32.78	ROUTE 66 LT	FINAL			6	
142	281+39.78	ROUTE 66 LT	281+46.7	ROUTE 66 LT	FINAL			1	
142	281+43.08	ROUTE 66 RT	281+47.11	ROUTE 66 RT	FINAL			4	
142	281+44.08	ROUTE 66 LT	281+52.63	ROUTE 66 LT	FINAL			22	
142	281+84.63	ROUTE 66 LT	281+93.63	ROUTE 66 LT	FINAL			17	
142	281+87.87	ROUTE 66 RT	281+91.86	ROUTE 66 RT	FINAL			5	
142	281+90.7	ROUTE 66 LT	282+25.5	ROUTE 66 LT	FINAL			11	
142	281+92.17	ROUTE 66 RT	282+03.07	ROUTE 66 RT	FINAL			4	
143	283+09.68	ROUTE 66 LT	283+23.16	ROUTE 66 LT	FINAL			14	
143	283+40.31	ROUTE 66 RT	283+83.58	ROUTE 66 RT	FINAL			8	
143	283+89.1	ROUTE 66 RT	284+69.03	ROUTE 66 RT	FINAL			17	
143	284+46.03	ROUTE 66 RT	284+76.72	ROUTE 66 RT	FINAL			9	
143	284+49.16	ROUTE 66 LT	284+76.68	ROUTE 66 LT	FINAL			8	
143	284+73.51	ROUTE 66 RT	284+82.71	ROUTE 66 RT	FINAL			17	
143	284+75.16	ROUTE 66 LT	284+82.64	ROUTE 66 LT	FINAL			9	
143	285+13.89	ROUTE 66 RT	285+23.36	ROUTE 66 RT	FINAL			19	
143	285+13.9	ROUTE 66 LT	285+23.9	ROUTE 66 LT	FINAL			18	
143	285+19.91	ROUTE 66 LT	285+57.25	ROUTE 66 LT	FINAL			12	
143	285+19.89	ROUTE 66 RT	285+57.25	ROUTE 66 RT	FINAL			12	
143 & 144	287+69.5	ROUTE 66 LT	288+07.67	ROUTE 66 LT	FINAL			12	
143 & 144	287+72.8	ROUTE 66 RT	288+07.57	ROUTE 66 RT	FINAL			11	
144	288+05.16	ROUTE 66 RT	288+13.68	ROUTE 66 RT	FINAL			13	
144	288+05.49	ROUTE 66 LT	288+13.67	ROUTE 66 LT	FINAL			11	
144	288+44.18	ROUTE 66 RT	288+52.35	ROUTE 66 RT	FINAL			12	
144	288+44.54	ROUTE 66 LT	288+53.01	ROUTE 66 LT	FINAL			14	
144	288+50.19	ROUTE 66 RT	288+79.25	ROUTE 66 RT	FINAL			9	
144	288+50.54	ROUTE 66 LT	288+81.25	ROUTE 66 LT	FINAL			9	
144	290+01.73	ROUTE 66 RT	291+30.35	ROUTE 66 RT	FINAL			15	
144	291+05.17	ROUTE 66 LT	291+34.9	ROUTE 66 LT	FINAL			11	
144	291+21.35	ROUTE 66 RT	291+35.41	ROUTE 66 RT	FINAL			2	
144	291+34.62	ROUTE 66 RT	291+43.85	ROUTE 66 RT	FINAL			26	
144	291+35.17	ROUTE 66 LT	291+39.17	ROUTE 66 LT	FINAL			5	
144	291+80.73	ROUTE 66 LT	291+85.09	ROUTE 66 LT	FINAL			6	
144	291+83.5	ROUTE 66 RT	291+96.54	ROUTE 66 RT	FINAL			2	
144	291+85.02	ROUTE 66 LT	292+17.39	ROUTE 66 LT	FINAL			14	
144 & 145	291+90.	ROUTE 66 LT	296+38.98	ROUTE 66 LT	FINAL			640	
145	294+46.	ROUTE 66 RT	294+72.18	ROUTE 66 RT	FINAL			8	
145	294+73.38	ROUTE 66 RT	294+80.83	ROUTE 66 RT	FINAL			10	
145	295+21.92	ROUTE 66 RT	295+29.88	ROUTE 66 RT	FINAL			10	
145	295+30.57	ROUTE 66 RT	295+60.22	ROUTE 66 RT	FINAL			10	
145 & 146	298+79.21	ROUTE 66 RT	299+66.36	ROUTE 66 RT	FINAL			20	
146	299+78.36	ROUTE 66 RT	300+39.47	ROUTE 66 RT	FINAL			20	
146	300+51.47	ROUTE 66 RT	301+36.35	ROUTE 66 RT	FINAL			42	
146	302+21.52	ROUTE 66 RT	302+82.62	ROUTE 66 RT	FINAL			19	
					SUBTOTAL–3			1470	
					SUBTOTAL–2	26	458	937	32
					SUBTOTAL–1	68	1227		93
					TOTAL	94	1685	2407	125

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT–ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50	4	50				DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00	2	32				BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-24	48X48	16.00	2	32				STEEL PLATE AHEAD
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	10	160				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00	2	32				2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00						FLAGGER (SYMBOL, WITH FLAGS)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	2	12				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	4	48				SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00	4	64				NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	12	24				SIDEWALK CLOSED
R9-11L	24X18	3.00	6	18				SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00	6	18				SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00	8	80				ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50	8	100				ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00	1	12				POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	2	16				RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	822

616-10.10 RELOCATED SIGNS	TOTAL
	0

ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025 DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSION (NARROW)
6122041		WORK ZONE CRASH CUSION (RELOCATION)
6123001	1	TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	210	CHANNELIZER (TRIM LINE)
6161026		CHANNELIZER (VERTICAL PANEL
6161030	20	TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099	4	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D	750	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A	2	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION CONTRACTOR FURNISHED/RETAINED
6175010A	3370	RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6172013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400	1	TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6505303B	10600	TEMPORARY REMOVABLE MARKING TAPE, 4 IN YELLOW

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER MO# PE-2017023856

DATE PREPARED: 10/13/2025

ROUTE: 66 | STATE: MO

DISTRICT: SW | SHEET NO.: 3

COUNTY: JASPER

JOB NO.: J7S2185C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

QUANTITIES
SHEET 22 OF 22

GENERAL NOTE:
THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA. 253+77.45 TO STA. 302+16.51, A DISTANCE OF 0.92 ,MILES. TEMPORARY EASEMENT LIMITS FOR THIS PROJECT EXTEND FROM STA. 253+77.44 TO STA. 303+20.47, A DISTANCE OF 0.94 MILES

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

ALL BEARINGS ARE BASED ON STATE PLANE BEARINGS, WEST ZONE.

ALL DRIVEWAY RADII ARE 10' UNLESS OTHERWISE MARKED.

SEE RIGHT OF WAY SHEETS FOR RIGHT OF WAY DETAILS

341
INLET 251T1, ℄ ROUTE 66
STA. 251+80.00, 36.00' LT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

WG JOPLIN
PROPERTY TAKINGS
ACQUIRED WITH
PROJECT J7S2185B

INLET 252T1, ℄ ROUTE 66
STA. 252+16.00, 35.50' LT
1-5' X 3' TYPE D INLET
1-18" OPENING

INLET 254D1, ℄ ROUTE 66
STA. 254+40.00, 35.50' LT
1-2' X 4' MOD. TYPE D INLET
2-36" OPENINGS

JUNCTION BOX 253JB2, ℄ ROUTE 66
STA. 253+77.75, 33.50' LT
1-5' X 5' JCT BOX
1-42" OPENING
2-36" OPENINGS

INLET 255D2, ℄ ROUTE 66
STA. 255+50.00, 35.50' LT
1-2' X 4' MOD. TYPE D INLET
2-36" OPENINGS

EXIST. SEWER AND DRAINAGE ESM'T
EXIST. SEWER, DITCH AND DRAINAGE ESM'T
TEMP. CONST. ESMT.
NEW R/W
S.L.
5' SIDEWALK
(D.N.D.) SIGN & FOOTING
(R) EXIST. WALL & FENCING
RELOCATE FIRE HYDRANT (BY OTHERS)
EOP
TYPE B C&G
TYPE S-CURB W/ 9" PCCP CONC. PVM'T
EXIST. DRAINAGE DITCH ESM'T
EXIST. R/W
℄ MAIDEN LN
SAWCUT
TYPE A GUTTER
TYPE S CURB
(D.N.D.) LIGHT POLE
6' SIDEWALK
ADJUST MANHOLE
EXIST. ACCESS ESM'T
TEMP. CONST. ESMT.
EXIST. ELECTRIC ESM'T
EXIST. COMM. ESM'T
WALGREENS SMALL BLOCK WALL SYSTEM
INLET 251T1
6' SIDEWALK
R 80'
R 77'
R 71'
D.N.D.
8" CONC. MEDIAN
EOP
(D.N.D)
DECORATIVE PEDESTRIAN FENCE (48")
INLET 252T1
SAWCUT
JUNCTION BOX 253JB2
INLET 254D1
INLET 255D2
2' INTEGRAL CONCRETE CURB
℄ ROUTE 66
ADJUST WATER VALVE (BY OTHERS)
S01°56'20"W
(U.I.P)
90°27'10"
ADJUST MH
MANHOLE 253MH3
SECTION LINE
PLUG HOLE
ADJUST WATER VALVE (BY OTHERS)
RELOCATE WATER METER
INLET 254D2
ADJUST MANHOLE (BY OTHERS)
INLET 255D1
TYPE A PIPE COLLAR
TYPE B C&G
NEW R/W
(D.N.D.) LIGHT POLE
R 64.5'
R 67'
R 59'
R 70'
MATCHLINE STA. 255+65.00

END PROJECT J7S2185B & F
BEGIN PROJECT J7S2185C
STA.252+19.89 ℄ ROUTE 66

LAND SURVEY MONUMENT
NW CORNER SEC. 10-T27N-R33W
DOCUMENT NO. 600-93476
3849.21' N44°15'46"W
TO BEGINNING OF PROJECT
S87°56'40"E

PROJECT BEGINS AT A POINT APPROX. 2763.58 NORTH & 2686.31 WEST OF THE NW CORNER SEC. 10-T27N-R33W

EXIST. ELECTRIC CLEARING ESM'T
EXIST. ELECTRIC CLEARING ESM'T
INLET 251D1
INLET 252D1
INLET 252T2
6' SIDEWALK
EOP
(D.N.D)
(R)
ADJUST WATER METER (BY OTHERS)
ADJUST WATER VALVE (BY OTHERS)
8" CONC. MEDIAN
SAWCUT
NEW R/W
S.L.
EXIST. 10" WATER PIPE ESM'T (D.N.D)
INLET 252SD1
PERM. DRAINAGE ESMT.
STA. 253+47.80 ℄ ROUTE 66=
STA. 10+00.00 ℄ MAIDEN LANE
2' CURB & GUTTER
TEMP. CONST. ESMT.
MOD. S-CURB
EXIST. DRAINAGE DITCH ESM'T
JUNCTION BOX 253JB1
INLET 253D2
TYPE B C&G
INLET 253D1
INLET 253T1
4' SIDEWALK
TYPE B C&G
EXIST. WATER PIPE ESM'T
SAWCUT
EXIST. R/W
℄ MAIDEN LN
R 59'
R 67.5'
R 70'

343
D L ROGERS CORP
PROPERTY TAKINGS
ACQUIRED WITH
PROJECT J7S2185B

342
702 S. MAIDEN
PROPERTY TAKINGS
ACQUIRED WITH
PROJECT J7S2185B

387
SW 1/4, SW 1/4
S3 T27N R33W
MCDONALDS CORP
SEE SHEET NO.15

STA. 255+03.43
℄ ROUTE 66 LT.
4.09% GRADE
W = 40.00'
PAVED APPROACH
255

STA. 254+25.29
℄ ROUTE 66 RT.
7.09% GRADE
W = 30.00'
PAVED APPROACH

STA. 254+95.92
℄ ROUTE 66 RT.
8.46% GRADE
W = 29.85'
PAVED APPROACH

448
JIM R. AND CAROL CIGNETTI GASKILL MEMORIAL TRUST
SEE SHEET NO.15

NW 1/4, NW 1/4
S10 T27N R33W

SCALE
0 20 40 60

MAIDEN LANE NORTH
ROUTE 66 WEST
ROUTE 66 EAST
MAIDEN LANE SOUTH
540
692
668
534
60
451
100
72
472
142
143
476
72

TRAFFIC FLOW DIAGRAM
ESTIMATED - 2045
TRAFFIC VOLUME

INLET 251D1, ℄ ROUTE 66
STA. 251+71.00, 24.50' RT
1-4' X 3' MOD. TYPE D INLET
1-18" OPENING
1-24" OPENING

INLET 252D1, ℄ ROUTE 66
STA. 252+31.00, 24.50' RT
1-4' X 2' TYPE D INLET
2-18" OPENINGS
1-12" OPENING

JUNCTION BOX 253JB1, ℄ ROUTE 66
STA. 253+07.00, 51.00' RT
1-3' X 3' JCT BOX
2-18" OPENINGS
1-8" OPENING

INLET 252SD1, ℄ ROUTE 66
STA. 252+01.00, 31.25' RT
1-20' TYPE A SLOTTED DRAIN
1-12" OPENING

INLET 252T2, ℄ ROUTE 66
STA. 252+64.84, 28.10' RT
1-10' X 3' MODIFIED TYPE T INLET
2-18" OPENINGS

INLET 253T1, ℄ MAIDEN LANE
STA. 10+92.00, 36.79' RT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING

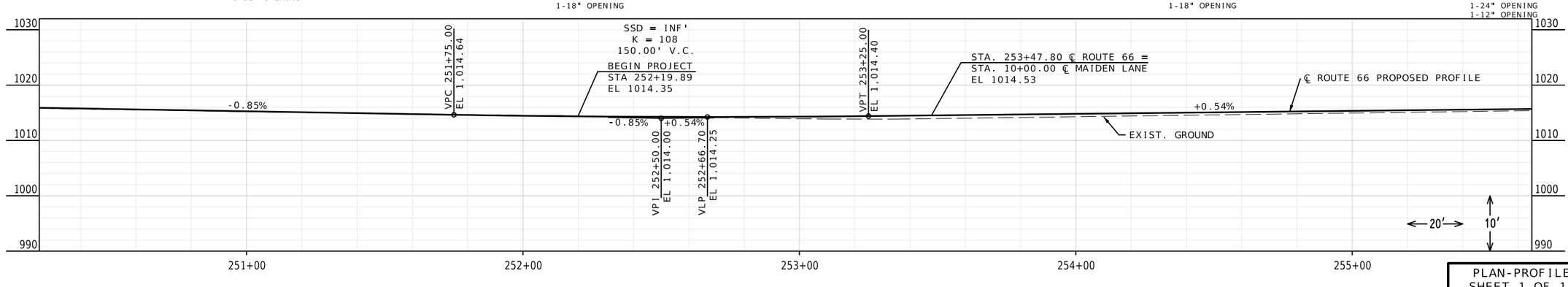
INLET 253D1, ℄ MAIDEN LANE
STA. 10+92.00, 25.00' LT
1-4' X 2' TYPE D INLET
1-18" OPENING

INLET 253D2, ℄ MAIDEN LN
STA. 10+64.00, 30.12' LT
1-2' X 2' TYPE D INLET
2-18" OPENINGS

MANHOLE 253MH3, ℄ ROUTE 66
STA. 253+87.75, 20.50' RT
1-EXIST MANHOLE
2-36" OPENINGS
1-18" OPENING

INLET 254D2, ℄ ROUTE 66
STA. 254.59.75, 24.50' RT
1-4' X 4' MOD. TYPE D INLET
2-36" OPENINGS

INLET 255D1, ℄ ROUTE 66
STA. 255+35.00, 24.50' RT
1-2' X 4' MOD. TYPE D INLET
1-36" OPENING
1-24" OPENING
1-12" OPENING



PLAN-PROFILE
SHEET 1 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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SW 1/4, SW 1/4
S3 T27N R33W

INLET 256D2, ℄ ROUTE 66
STA. 256+50.00, 35.50' LT
1-2' X 4' MOD. TYPE D INLET
2-36" OPENINGS

INLET 257D1, ℄ ROUTE 66
STA. 257+30.00, 31.72' LT
1-2' X 4' MOD. TYPE D INLET
2-36" OPENINGS

INLET 258D1, ℄ ROUTE 66
STA. 258+28.00, 26.93' LT
1-2' X 4' MOD. TYPE D INLET
2-36" OPENINGS

STA. 258+95.36
℄ ROUTE 66 LT.
9.59% GRADE
W = 18.00'
TYPE II ENTRANCE

STA. 259+74.07, 29.5' RT
CONCRETE STAIRS-3.92' WIDE, 3 STEPS (6" RISE AND 12" TREAD)
SEE STD. PLAN 608.20 FOR DETAIL
4 LF HAND-RAILING FOR STEPS WITHOUT BALUSTERS
SEE STD. PLAN 608.20 FOR DETAILS

388
ROTTINGHAUS REAL ESTATE
SEE SHEET NO.16

STA. 256+89.99
℄ ROUTE 66 LT.
2.55% GRADE
W = 25.00'
PAVED APPROACH

STA. 257+75.03
℄ ROUTE 66 LT.
8.51% GRADE
W = 39.00'
PAVED APPROACH

389
ARTURO JR. & SILVIA REYES
SEE SHEET NO.16

STA. 258+55.14
℄ ROUTE 66 LT.
7.83% GRADE
W = 29.00'
PAVED APPROACH

391
BENSON BRIAN S
SEE SHEET NO.16

STA. 258+93.31
℄ ROUTE 66 LT.
3.21% GRADE
W = 12.00'
PAVED APPROACH

INLET 260T1, ℄ ROUTE 66
STA. 260+39.00, 22.00' LT
1-5' X 4' MOD. TYPE T INLET
1-30" OPENING
1-36" OPENING

260

390
JOHNSON JACOB
SEE SHEET NO.16

445
UTO ALICIA L
SEE SHEET NO.16

449
FD JOPLIN MISSOURI
7TH STREET % TAX DEPT
SEE SHEET NO.16

446
EDSEL REMAINDER I
% O'REILLY AUTO PARTS
SEE SHEET NO.16

NW 1/4, NW 1/4
S10 T27N R33W

MATCHLINE STA. 255+65.00

MATCHLINE STA. 261+05.00

℄ HARLEM AVE S02°06'07"W

℄ PORTER AVE N S02°07'46"W

℄ PORTER AVE S S02°05'31"W

℄ ROUTE 66

STA. 257+03.90 ℄ ROUTE 66 =
STA. 0+00.00 ℄ HARLEM AVENUE

STA. 260+83.93 ℄ ROUTE 66=
STA. 0+0-0.00 ℄ PORTER AVENUE S
STA. 5+01.54 ℄ PORTER AVENUE N

S87°56'40"E

89°57'13"

90°4'26"

90°2'12"

SECTION LINE

EXIST. R/W

ALLEY

NEW R/W

SAWCUT

S.L.

(D.N.D.)

TEMP. CONST. ESMT.

TEMP. CONST. ESMT.

(D.N.D.) LANDSCAPING

(D.N.D.) BOLLARD

TYPE B C&G

TYPE A CURB

TYPE S-CURB

MOD. S-CURB

(R) GARAGE

BLOCK RETAINING WALL

INSTALL FENCING

(D.N.D.) (STEPS)

D.N.D. (WALL)

D.N.D. (STEPS)

ADJUST WATER METER (BY OTHERS)

ADJUST WATER VALVE (BY OTHERS)

MANHOLE TO BE REMOVED (BY OTHERS)

PERM. SIDEWALK & UTILITY ESM'T

PERM. DRAINAGE ESM'T

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

RELOCATE WATER METER

JUNCTION BOX 257MH2

MANHOLE 256MH1

MANHOLE 260MH1

INLET 256D1

INLET 256T1

INLET 257D1

INLET 257T1

INLET 257T2

INLET 258D1

INLET 258SD1

INLET 258T1

INLET 260T1

INLET 260T2

INLET 260T3

STA. 258+12.48
℄ ROUTE 66 RT.
8.49% GRADE
W = 41.00'
PAVED APPROACH

STA. 258+92.78
℄ ROUTE 66 RT.
15.12% GRADE
W = 12.50'
TYPE II ENTRANCE

INLET 256D1, ℄ ROUTE 66
STA. 256+10.00, 24.50' RT
1-2' X 3' MOD. TYPE D INLET
2-24" OPENINGS

MANHOLE 256MH1, ℄ ROUTE 66
STA. 256+87.00, 24.00' RT
1-PRECAST 48" MANHOLE
2-18" OPENINGS
1-24" OPENING

INLET 256T1, ℄ HARLEM AVENUE
STA. 0+44.00, 15.00' RT
1-7.5' X 3' MDIFIED TYPE T INLET
2-18" OPENINGS

INLET 257T1, ℄ HARLEM AVENUE
STA. 0+44.00, 15.00' LT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING

JUNCTION BOX 257MH2, ℄ ROUTE 66
STA. 257+38.00, 25.00' RT
1-3' X 3' JUNCTION BOX
2-4" OPENINGS
2-18" OPENINGS

INLET 257T2, ℄ ROUTE 66
STA. 257+68.00, 22.00' RT
1-7.5' X 3' MOD. TYPE T INLET
2-18" OPENINGS

INLET 258T1, ℄ ROUTE 66
STA. 258+65.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-12" OPENING
1-18" OPENING

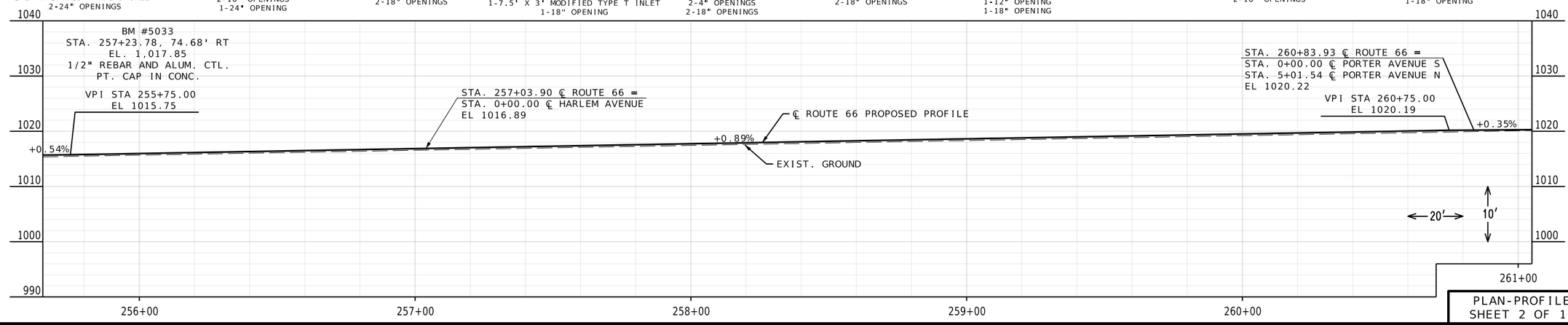
INLET 258SD1, ℄ ROUTE 66
STA. 258+93.00, 28.75' RT
1-10' TYPE A SLOTTED DRAIN
W/ 12 IN. METAL GROUP A PIPE
1-12" OPENING

MANHOLE 260MH1, ℄ ROUTE 66
STA. 260+67.00, 24.00' RT
1-PRECAST 48" MANHOLE
1-18" OPENING
1-24" OPENING
1-30" OPENING

INLET 260T2, ℄ PORTER AVENUE S
STA. 0+42.75, 14.84' RT
1-10' X 3' MOD. TYPE T INLET
2-18" OPENINGS

INLET 260T3, ℄ PORTER AVENUE S
STA. 0+42.75, 15.23' LT
1-10' X 3' MODIFIED TYPE T INLET
1-18" OPENING

SCALE
0 20 40 60



PLAN-PROFILE
SHEET 2 OF 11

REID BRENNEN CATT ENGINEER NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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STA. 261+98.61, 29.5' LT
CONCRETE STAIRS-2.5' WIDE, 1 STEP(6" RISE & 12" TREAD)
SEE STD. PLAN 608.20 FOR DETAILS

STA. 262+75.21
℄ ROUTE 66 LT.
4.95% GRADE
W = 15.50'
TYPE II ENTRANCE

INLET 263T2, ℄ ROUTE 66
STA. 263+12.50, 22.00' LT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

INLET 263T4, ℄ ROUTE 66
STA. 263+65.00, 22.00' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 265T2, ℄ ROUTE 66
STA. 265+06.00, 22.00' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

384
KINGDOM INVESTMENTS & ACQUISITIONS
SEE SHEET NO.17

385
ROBERTSON JAMES A & SANDRA L
SEE SHEET NO.17

SW 1/4, SW 1/4
S3 T27N R33W

STA. 262+53.21
℄ ROUTE 66 LT.
4.62% GRADE
W = 8.50'
PAVED APPROACH

STA. 263+93.26
℄ ROUTE 66 LT.
8.14% GRADE
W = 30.00'
PAVED APPROACH

S02°10'24"W

EMPIRE AVE S

265

STA. 265+71.90
℄ ROUTE 66 LT.
7.69% GRADE
W = 30.00'
PAVED APPROACH

380
ZEKA SEIT
SEE SHEET NO.17

ALLEY

EXIST. R/W

SAWCUT
(D.N.D)
PERM. SIDEWALK & UTILITY ESM'T
6' SIDEWALK
TEMP. CONST. ESMT.
ADJUST WATER METER (BY OTHERS)
ADJUST WATER VALVE (BY OTHERS)
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESM'T
INLET 263T4
TYPE A CURB
INLET 263T2
INLET 265T2
R 15.5'
R 13'
(R)
S.L.
℄ ROUTE 66
MANHOLE TO BE REMOVED (BY OTHERS)
STA. 264+63.60 ℄ ROUTE 66 =
STA. 0+00.00 ℄ EMPIRE AVENUE S
STA. 5+59.21 ℄ EMPIRE AVENUE N
S87°56'40"E
89°52'55"
89°58'4"
INLET 261T1
INLET 262SD1
INLET 263T1
INLET 263T3
INLET 264T1
MANHOLE 264MH1
INLET 265T1
SECTION LINE
EOP
PERM. DRAINAGE ESM'T
TEMP. CONST. ESMT.
STEPS
INLET 264T2
INLET 264T3
PERM. SIDEWALK & UTILITY ESM'T
STA. 265+34.22
℄ ROUTE 66 RT.
8.00% GRADE
W = 30.00'
PAVED APPROACH
STA. 266+22.31
℄ ROUTE 66 RT.
9.26% GRADE
W = 30.00'
PAVED APPROACH

MATCHLINE STA. 261+05.00

MATCHLINE STA. 266+45.00

444
SANGLIN & ASSOCIATES #12
SEE SHEET NO.17

443
WHITE DOG INVESTMENTS
SEE SHEET NO.17

442
LIAO ZHANGLONG & JIANYUN ANNA CHEN
SEE SHEET NO.17

STA. 262+73.99
℄ ROUTE 66 RT.
8.87% GRADE
W = 11.00'
TYPE II ENTRANCE

STA. 263+36.13, 29.5' RT
CONCRETE STAIRS-4.0' WIDE, 4 STEPS(6" RISE & 12" TREAD)
SEE STD. PLAN 608.20 FOR DETAIL
6 LF HAND-RAILING FOR STEPS WITHOUT BALUSTERS
SEE STD. PLAN 608.20 FOR DETAILS

NW 1/4, NW 1/4
S10 T27N R33W

STA. 263+74.46, 29.7' RT
CONCRETE STAIRS-6.5' WIDE, 4 STEPS(6" RISE & 12" TREAD)
SEE STD. PLAN 608.20 FOR DETAIL
6 LF HAND-RAILING FOR STEPS WITHOUT BALUSTERS
SEE STD. PLAN 608.20 FOR DETAILS

S02°01'23"W

SCALE
0 20 40 60

INLET 261T1, ℄ ROUTE 66
STA. 261+30.00, 22.00' RT
1-5' X 3' TYPE T INLET
2-24" OPENINGS

INLET 263T1, ℄ ROUTE 66
STA. 263+12.50, 22.00' RT
1-10' X 3' MODIFIED TYPE T INLET
1-12" OPENING
1-18" OPENING
2-24" OPENINGS

INLET 263T3, ℄ ROUTE 66
STA. 263+35.00, 22.00' RT
1-5' X 3' TYPE T INLET
2-24" OPENINGS

INLET 262SD1, ℄ ROUTE 66
STA. 262+74.00, 28.75' RT
1-10' 12" SLOTTED DRAIN-TYPE A
1-12" OPENING

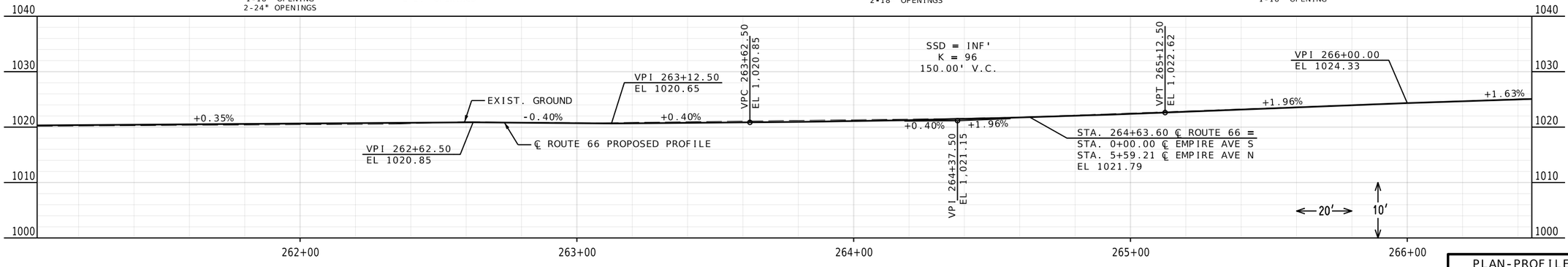
INLET 264T1, ℄ ROUTE 66
STA. 264+24.00, 22.00' RT
1-5' X 3' TYPE T INLET
2-24" OPENINGS

MANHOLE 264MH1, ℄ ROUTE 66
STA. 264+47.00, 24.00' RT
1-PRECAST 48" MANHOLE
1-24" OPENING
2-18" OPENINGS

INLET 264T2, ℄ EMPIRE AVE S
STA. 0+48.00, 14.70' RT
1-7.5' X 3' MODIFIED TYPE T INLET
2-18" OPENINGS

INLET 264T3, ℄ EMPIRE AVE S
STA. 0+48.00, 15.21' LT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING

INLET 265T1, ℄ ROUTE 66
STA. 265+06.00, 22.00' RT
1-7.5' X 3' MODIFIED TYPE T INLET
2-18" OPENINGS



PLAN-PROFILE
SHEET 3 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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STA. 266+71.94
℄ ROUTE 66 LT.
4.92% GRADE
W = 14.75'
TYPE II ENTRANCE

STA. 267+07.57
℄ ROUTE 66 LT.
W = 22.00'
PAVED APPROACH

STA. 4+88.91
℄ PICHER AVENUE N RT.
11.52% GRADE
W = 37.00'
PAVED APPROACH

STA. 268+19.04
℄ ROUTE 66 LT.
W = 30.00'
PAVED APPROACH

INLET 271T2, ℄ ROUTE 66
STA. 271+20.00, 22.00' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

SE 1/4, SW 1/4
S3 T27N R33W

381 EL GUAPO'S CIGAR LOUNGE
SEE SHEET NO.18

383 WATKINS KATHRYN R TR
SEE SHEET NO.18

377 JOPLIN SCHOOL DISTRICT
SEE SHEET NO.18

MATCHLINE STA. 266+45.00

MATCHLINE STA. 271+85.00

EXIST. R/W

ALLEY

¼¼ SECTION LINE

PICHER AVENUE N S02°00'41"W

SECTION LINE

TEMP. CONST. ESMT.

TEMP. CONSTR. ESMT. (D.N.D.)

SAWCUT

EOP

6' SIDEWALK

S.L.

PERM. SIDEWALK & UTILITY ESM'T

TYPE A CURB

TYPE S-CURB

ADJUST WATER METER (BY OTHERS)

ADJUST MANHOLE (BY OTHERS)

RELOCATE WATER METER (BY OTHERS)

EXIST. SAN. SEWER ESM'T

R 15.5'

R 7.5'

℄ ROUTE 66

S87°56'40"E

S87°50'57"E

89°57'21"

89°59'49"

89°51'47"

MANHOLE TO BE REMOVED (BY OTHERS)

MANHOLE 268MH1

INLET 268T2

INLET 268T1

MANHOLE 271MH1

INLET 271T1

INLET 271T2

INLET 271T3

INLET 271T4

TCE

TEMP. CONST. ESMT.

ADJUST WATER METER (BY OTHERS)

ADJUST MANHOLE (BY OTHERS)

ADJUST WATER VALVE (BY OTHERS)

STA. 267+30.75
℄ ROUTE 66 RT.
9.57% GRADE
W = 45.00'
PAVED APPROACH

STA. 0+57.50
℄ PICHER AVENUE S RT.
8.46% GRADE
W = 25.00'
PAVED APPROACH

STA. 269+97.81
℄ ROUTE 66 RT.
8.56% GRADE
W = 13.65'
TYPE II ENTRANCE

STA. 270+47.74
℄ ROUTE 66 RT.
8.60% GRADE
W = 30.00'
PAVED APPROACH

STA. 0+50.07
℄ MURPHY AVE LT.
W = 1.9'
PAVED APPROACH SECTION

441 THOMPSON CAPITAL INVESTMENTS
SEE SHEET NO.18

440 CHILDREN'S HAVEN OF SOUTHWEST MISSOURI
SEE SHEET NO.18

439 RUCHI 29
SEE SHEET NO.18

NE 1/4, NW 1/4
S10 T27N R33W

S02°03'08"W PICHER AVENUE S

S02°00'50"W MURPHY AVENUE

270

5

POT STA 269+98.80
Δ = 0°05'43.15" RT

STA. 268+36.15 ℄ ROUTE 66 =
STA. 0+00.00 ℄ PICHER AVENUE S

STA. 269+01.67 ℄ ROUTE 66 =
STA. 5+56.93 ℄ PICHER AVENUE N

STA. 271+61.46 ℄ ROUTE 66 =
STA. 0+00.00 ℄ MURPHY AVENUE

SCALE
0 20 40 60

MANHOLE 268MH1, ℄ ROUTE 66
STA. 268+52.65, 24.00' RT
1-PRECAST 48" MANHOLE
2-18" OPENINGS

INLET 268T1, ℄ PICHER AVENUE S
STA. 0+43.25, 14.50' LT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING

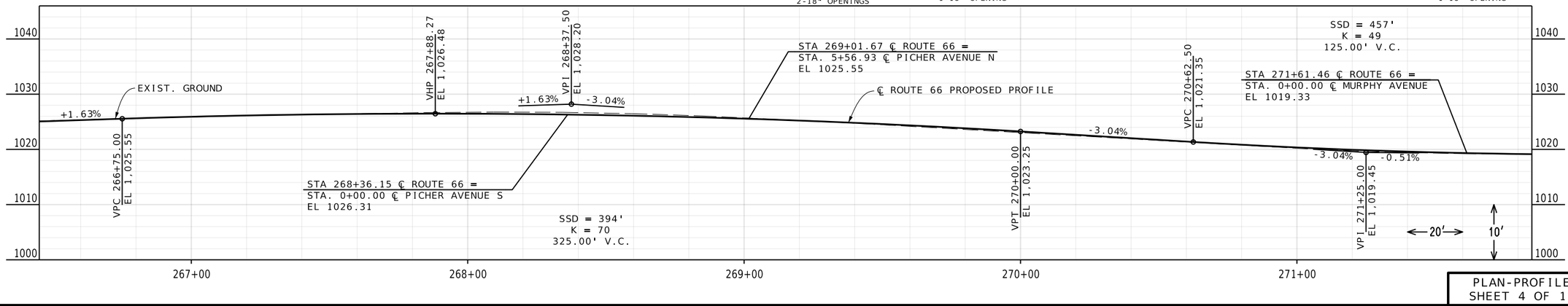
INLET 268T2, ℄ ROUTE 66
STA. 268+78.75, 22.00' RT
1-7.5' X 3' MODIFIED TYPE T INLET
2-18" OPENINGS

INLET 271T1, ℄ ROUTE 66
STA. 271+20.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-24" OPENING
1-18" OPENING

INLET 271T3, ℄ MURPHY AVENUE
STA. 0+44.00, 14.30' RT
1-10' X 3' MODIFIED TYPE T INLET
1-18" OPENING

INLET 271T4, ℄ MURPHY AVENUE
STA. 0+40.54, 16.30' LT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

MANHOLE 271MH1, ℄ ROUTE 66
STA. 271+80.00, 24.00' RT
1-PRECAST 48" MANHOLE
2-24" OPENINGS
1-18" OPENING



REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 7
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

PLAN-PROFILE
SHEET 4 OF 11

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INLET 272T2, ℄ ROUTE 66
STA. 272+95.00, 22.00' LT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

377
JOPLIN SCHOOL DISTRICT
SEE SHEET NO.18

SE 1/4, SW 1/4
S3 T27N R33W

372
ESKANDARI FARHANG & SUZANNE J
SEE SHEET NO.19

374
SET W 7TH ST PROPERTIES
SEE SHEET NO.19

374.1
BNSF RAILWAY
SEE SHEET NO.19

STA. 276+41.15, 29.5' LT
CONCRETE STAIRS-3.0' WIDE, 2 STEPS(6" RISE & 12" TREAD)
SEE STD. PLAN 608.20 FOR DETAIL
4 LF HAND-RAILING FOR STEPS WITHOUT BALUSTERS
SEE STD. PLAN 608.20 FOR DETAILS

STA. 275+62.23
℄ ROUTE 66 LT.
5.22% GRADE
W = 13.50'
TYPE II ENTRANCE

STA. 276+68.64
℄ ROUTE 66 LT.
9.83% GRADE
W = 18.00'
PAVED APPROACH

GRAY AVENUE S01°59'52"W

275

ALLEY

EXIST. R/W

MATCHLINE STA. 271+85.00

MATCHLINE STA. 277+25.00

TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESM'T
6' SIDEWALK
S.L.
(D.N.D.)
(R)
TYPE A CURB
INLET 272T2
89°50'50"
STA. 273+41.68 ℄ ROUTE 66 =
STA. 5+57.22 ℄ GRAY AVENUE
STA. 274+60.86
℄ ROUTE 66 LT.
W = 23.00'
PAVED APPROACH
SAWCUT
ADJUST WATER METER (BY OTHERS)
STA. 274+87.41 ℄ ROUTE 66 =
STA. 0+00.00 ℄ CHESTNUT AVENUE
℄ ROUTE 66
MANHOLE TO BE REMOVED (BY OTHERS)
INLET 272T1
INLET 274T1
S87°50'57"E
SECTION LINE
89°45'18"
MANHOLE 275MH1
INLET 276T1
TYPE A CURB SECTION LINE
SAWCUT
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESM'T
STA. 273+25.55
℄ ROUTE 66 RT.
2.27% GRADE
W = 16.00'
TYPE II ENTRANCE
D.N.D. BILLBOARD
INLET 274T2
INLET 275T1
STA. 275+75.69
℄ ROUTE 66 RT.
9.44% GRADE
W = 60.00'
PAVED APPROACH
6' SIDEWALK
STA. 276+50.22
℄ ROUTE 66 LT.
7.31% GRADE
W = 12.50'
TYPE II ENTRANCE

437
KOEHLER CHARLES A & LEE ANN TR
SEE SHEET NO.19

436
KOEHLER CHARLES A & LEE ANN TR
SEE SHEET NO.19

433
PRIMAX PROPERTIES
SEE SHEET NO.19

432
M D NORTON
SEE SHEET NO.19

CHESTNUT AVENUE S01°54'21"W

NE 1/4, NW 1/4
S10 T27N R33W

STA. 273+86.30
℄ ROUTE 66 RT.
8.44% GRADE
W = 30.00'
PAVED APPROACH

SCALE
0 20 40 60

INLET 272T1, ℄ ROUTE 66
STA. 272+95.00, 22.00' RT
1-5' X 3' TYPE T INLET
2-24" OPENINGS
1-18" OPENING

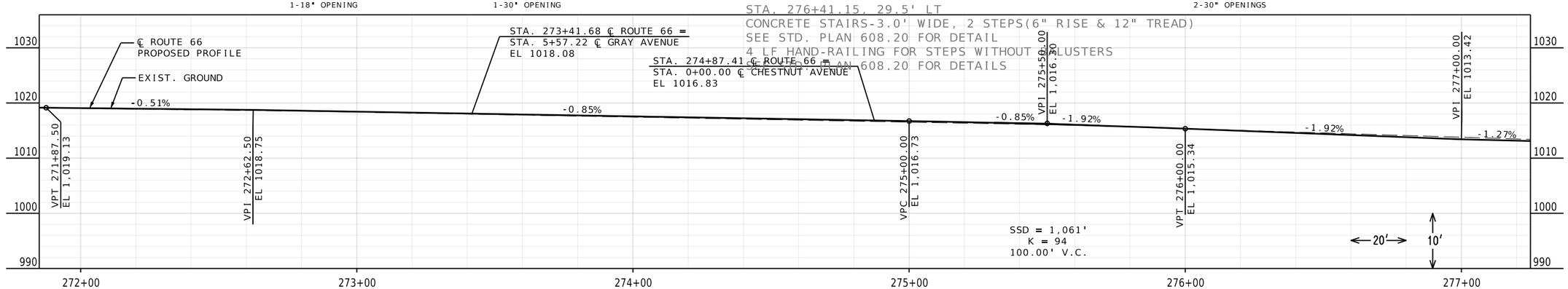
INLET 274T1, ℄ ROUTE 66
STA. 274+41.00, 22.00' RT
1-7.5' X 4' MOD. TYPE T INLET
1-24" OPENING
1-30" OPENING

INLET 274T2, ℄ CHESTNUT AVENUE
STA. 0+43.50, 19.01' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 275T1, ℄ CHESTNUT AVENUE
STA. 0+43.50, 20.98' LT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

MANHOLE 275MH1, ℄ ROUTE 66
1-PRECAST 48" MANHOLE
1-18" OPENING
2-30" OPENINGS

INLET 276T1, ℄ ROUTE 66
STA. 276+20.00, 22.00' RT
1-5' X 4' MOD. TYPE T INLET
2-30" OPENINGS



PLAN-PROFILE
SHEET 5 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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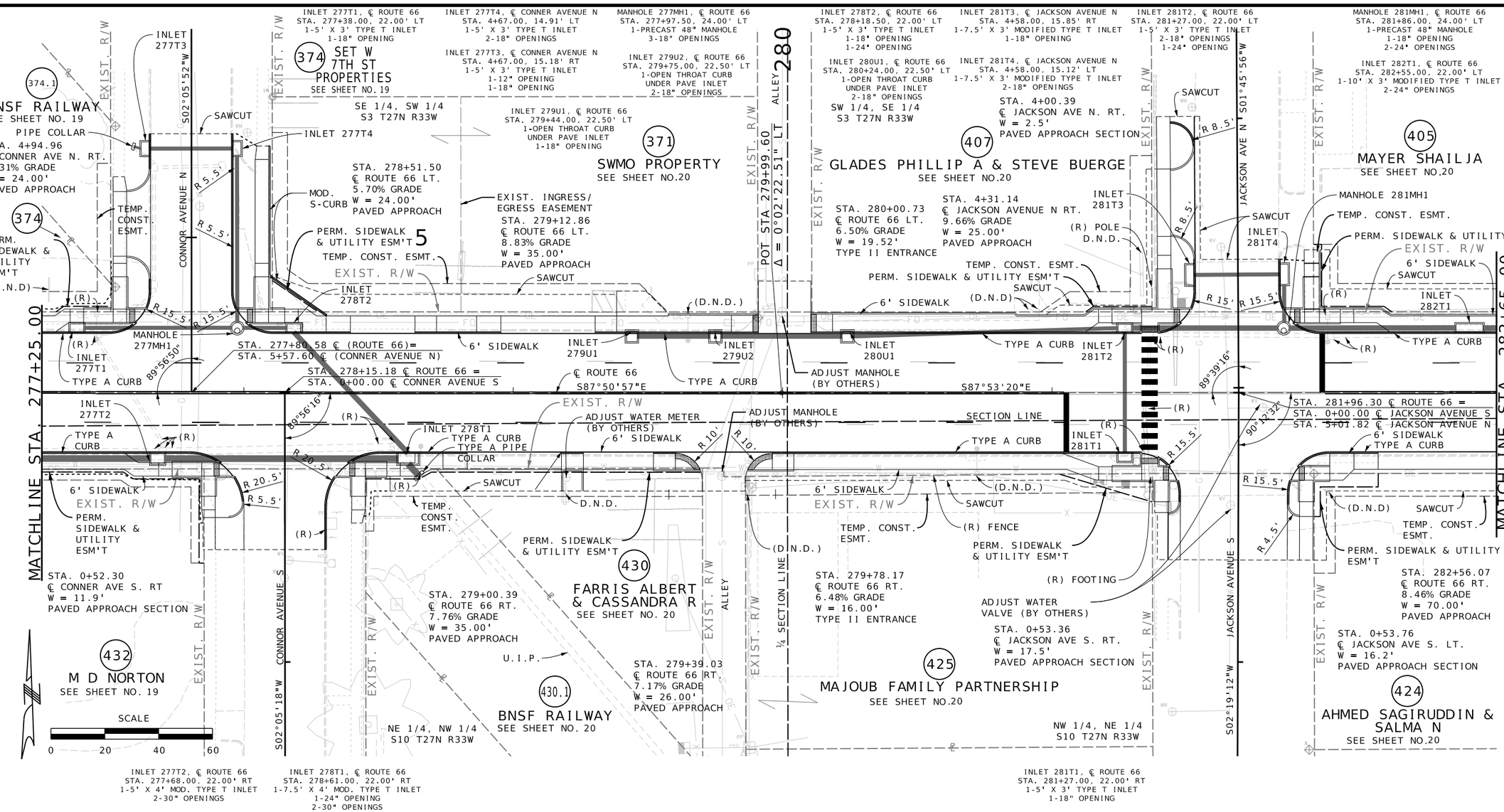

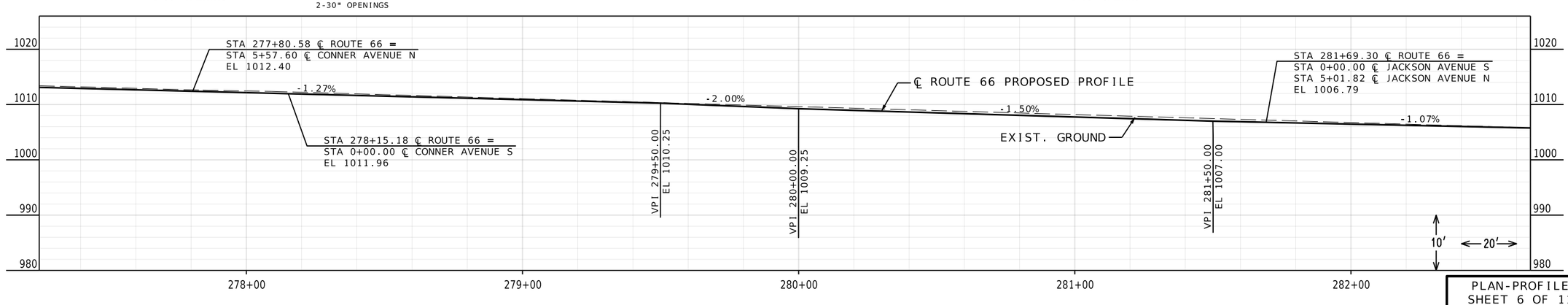

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 9
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

PLAN-PROFILE
SHEET 6 OF 11

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INLET 283SD1, ℄ ROUTE 66
STA. 283+35.00, 28.75' LT
1-10' 12" SLOTTED DRAIN-TYPE A
1-12" OPENING

INLET 284T2, ℄ ROUTE 66
STA. 284+63.00, 22.00' LT
1-5' X 3' TYPE T INLET
2-24" OPENINGS

JCT BOX 285MH2, ℄ ROUTE 66
STA. 285+15.50, 16.50' LT
1-3' X 6' JCT BOX
1-18" OPENING
2-24" OPENINGS
1-4' X 3' RCB

INLET 285T2, ℄ SERGEANT AVENUE N
STA. 4+60.34, 14.75 LT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 285T4, ℄ ROUTE 66
STA. 285+46.00, 22.00' LT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING

INLET 286SD1, ℄ ROUTE 66
STA. 286+64.00, 28.75' LT
1-20' 12" SLOTTED DRAIN-TYPE A
1-12" OPENING

INLET 287T1, ℄ ROUTE 66
STA. 287+78.00, 22.00' LT
1-10' X 3' MODIFIED TYPE T INLET
1-18" OPENING

STA. 283+35.17
℄ ROUTE 66 RT.
4.50% GRADE
W = 15.00'
TYPE II ENTRANCE

405
MAYER SHAILJA
SEE SHEET NO. 20

STA. 282+94.18
℄ ROUTE 66 LT.
9.66% GRADE
W = 30.00'
PAVED APPROACH

MANHOLE 283MH1, ℄ ROUTE 66
STA. 283+45.00, 24.00' LT
1-PRECAST 48" MANHOLE
1-12" OPENING
2-24" OPENINGS

INLET 284T1, ℄ ROUTE 66
STA. 284+14.00, 22.00' LT
1-10' X 3' MODIFIED TYPE T INLET
2-24" OPENINGS

406
JAZ REALTY
SEE SHEET NO. 21

STA. 4+54.96
℄ SERGEANT AVE N. RT.
W = 9.3
PAVED APPROACH SECTION

ADJUST WATER VALVE
(BY OTHERS)

SW 1/4, SE 1/4
S3 T27N R33W

STA. 283+77.64
℄ ROUTE 66 LT.
9.31% GRADE
W = 40.00'
PAVED APPROACH

STA. 284+98.66 ℄ ROUTE 66 =
STA. 5+02.34 ℄ SERGEANT AVENUE N
STA. 0+00.00 ℄ SERGEANT AVENUE S

402
HILLS HUGH M
& EMMA S TR
SEE SHEET NO.21

STA. 286+18.09
℄ ROUTE 66 LT.
8.27% GRADE
W = 40.00'
PAVED APPROACH

STA. 287+11.08
℄ ROUTE 66 LT.
W = 40.00'
PAVED APPROACH

STA. 286+63.97
℄ ROUTE 66 LT.
4.12% GRADE
W = 18.00'
TYPE II ENTRANCE

403
FOWKS WILLIAM E JR
SEE SHEET NO.21

MATCHLINE 282+65.00

MATCHLINE 288+05.00

SERGEANT AVE N 285

S02°06'09"W

ALLEY

EXIST. R/W

TEMP. CONST. ESMT.
(D.N.D.)
(R)
SAWCUT
INLET 283MH1
(D.N.D.) CANOPY
PERM. SIDEWALK & UTILITY ESM'T
TEMP. CONST. ESMT.
INLET 284T2
INLET 284T1
INLET 283SD1
℄ ROUTE 66
MANHOLE TO BE REMOVED (BY OTHERS)
S87°53'20"E
INLET 285T2
D.N.D SIGN
SIDEWALK
TYPE A CURB
JUNCTION BOX 285MH2
INLET 285T4
INLET 286SD1
MANHOLE TO BE REMOVED (BY OTHERS)
INLET 287T1
D.N.D
SECTION LINE
INLET 283T1
INLET 283T2
MANHOLE 285MH1
INLET 285T3
(R) CHAIN FENCE
INLET 287T2
89°51'23"
90°2'37"
R 5'
R 10'
R 15.5'
S.L.
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESM'T
INLET 284T3
INLET 285T1
(D.N.D)
TEMP. CONST. ESMT.
SAWCUT
PERM. SIDEWALK & UTILITY ESM'T

424
AHMED SAGIRUDDIN & SALMA N
SEE SHEET NO.20

STA. 283+32.81
℄ ROUTE 66 RT.
4.92% GRADE
W = 15.00'
TYPE II ENTRANCE

423
UNITED HEBREW CONGREGATION
SEE SHEET NO.21

NW 1/4, NE 1/4
S10 T27N R33W

422
RED CASTLE PROPERTY MANAGEMENT
SEE SHEET NO. 21

STA. 286+26.85
℄ ROUTE 66 RT.
9.93% GRADE
W = 21.00'
PAVED APPROACH

STA. 286+63.35
℄ ROUTE 66 RT.
5.20% GRADE
W = 16.00'
TYPE II ENTRANCE

STA. 287+13.60
℄ ROUTE 66 RT.
6.90% GRADE
W = 30.00'
PAVED APPROACH

421
BEALE RONALD J
SEE SHEET NO.21

SCALE
0 20 40 60

INLET 283T1, ℄ ROUTE 66
STA. 283+02.50, 22.00' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 283T2, ℄ ROUTE 66
STA. 283+64.00, 22.00' RT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

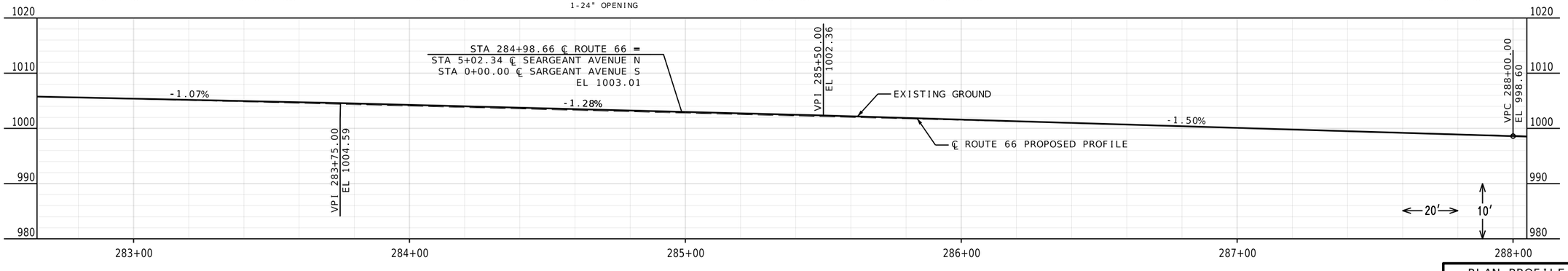
INLET 284T3, ℄ SERGEANT AVENUE S
STA. 0+42.50, 15.42' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

MANHOLE 285MH1, ℄ ROUTE 66
STA. 285+15.50, 24.00' RT
1-PRECAST 48" MANHOLE
3-18" OPENINGS
1-24" OPENING

INLET 285T1, ℄ SERGEANT AVENUE S
STA. 0+42.50, 14.76' LT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

INLET 285T3, ℄ ROUTE 66
STA. 285+46.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 287T2, ℄ ROUTE 66
STA. 287+82.00, 22.00' RT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING



PLAN-PROFILE
SHEET 7 OF 11

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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INLET 288T2
℄ MOFFET AVENUE N
STA. 4+20.75, 15.00' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 288T4
℄ MOFFET AVENUE N
STA. 4+62.19, 14.87' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

JUNCTION BOX 288MH2, ℄ ROUTE 66
STA. 288+12.00, 16.50' LT
1-3' X 6' JCT BOX
1-18" OPENING
1-24" OPENING
2-4'X3' RCB

INLET 288T6, ℄ ROUTE 66
STA. 288+70.00, 22.00' LT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING

INLET 289T1, ℄ ROUTE 66
STA. 289+06.27, 22.00' LT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING

INLET 289T3, ℄ ROUTE 66
STA. 289+40.00, 22.00' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 291D1, ℄ ROUTE
STA. 291+04.00, 29.00' LT
1-3' X 2' MODIFIED TYPE D INLET
1-18" OPENING

INLET 291T2, ℄ ROUTE 66
STA. 291+17.00, 22.00' LT
1-7.5' X 3' MODIFIED TYPE T INLET
2-18" OPENINGS

INLET 292T2, ℄ ROUTE 66
STA. 292+23.40, 22.00' LT
1-10' X 3' MODIFIED TYPE T INLE
1-18" OPENING

INLET 292T4, ℄ ROUTE 66
STA. 292+70.00, 22.00' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 293T1, ℄ ROUTE 66
STA. 293+15.00, 22.00' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 289SD3, ℄ ROUTE 66
STA. 289+94.26, 28.75' LT
1-20' 12" SLOTTED DRAIN-TYPE A
1-12" OPENING

MANHOLE 288MH3
℄ ROUTE 66
STA. 288+10.00
37.50' LT
1-PRECAST 4' MANHOLE
3-18" OPENINGS

SW 1/4, SE 1/4
S3 T27N R33W

400
ROBERTS MARK A TR
SEE SHEET NO.22

401
ROBERTS MARK A TR
SEE SHEET NO.22

398
COUNTY OF JASPER
SEE SHEET NO.23

418
ST PHILLIPS
EPISCOPAL CHURCH
SEE SHEET NO.22

419
BEALE RONALD J
SEE SHEET NO.22

417
NICK, LLC
SEE SHEET NO. 22

NW 1/4, NE 1/4
S10 T27N R33W

SCALE
0 20 40 60

MATCHLINE STA. 288+05.00

MATCHLINE STA. 293+45.00

MOFFET AVE N S02°03'50"W

MOFFET AVE S S02°08'07"W

BYERS AVE N S02°01'19"W

BYERS AVE S S02°10'53"W

ALLEY 290

EXIST. R/W

EXIST. 10' GAS ESMT

INLET 288T2

INLET 288T4

INLET 288T6

INLET 289T3

INLET 289SD3

INLET 289T1

INLET 291D1

INLET 291T2

INLET 293T1

INLET 292T2

INLET 292T4

MANHOLE 288MH2

MANHOLE 288MH1

INLET 288T5

INLET 289T2

INLET 289SD1

INLET 289SD2

INLET 291T1

INLET 291T3

INLET 292T3

INLET 292T5

INLET 293SD1

INLET 292T1

INLET 288T1

INLET 288T3

INLET 291T4

SAWCUT

R5'

R15'

(R) CHAIN FENCE

(R) PIPE FENCE

RELOCATE WATER METER (BY OTHERS)

RCB A75521

288+29.20 ROUTE 66
5+02.37 MOFFET AVENUE N
0+00.00 MOFFET AVENUE S

STA. 288+29.20 ℄ ROUTE 66 =
STA. 0+00.00 ℄ MOFFET AVENUE S
STA. 5+02.37 ℄ MOFFET AVENUE N

STA. 291+59.89 ℄ ROUTE 66 =
STA. 5+00.25 ℄ BYERS AVENUE N

STA. 291+60.21 ℄ ROUTE 66 =
STA. 0+00.00 ℄ BYERS AVENUE S

℄ ROUTE 66

SECTION LINE

U.I.P. SECTION LINE S87°53'20"E

MANHOLE TO BE REMOVED (BY OTHERS)

ADJUST WATER VALVE (BY OTHERS)

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

APPROACH SLAB, SEE SPECIAL SHEET 68

EXIST. ELECTRIC ESM'T

TYPE A CURB

D.N.D RCB TOP

D.N.D. STEPS

SIDEWALK

6' SIDEWALK

24 LF CONCRETE ENCASEMENT

PERM. DRAINAGE ESMT.

ADJUST GRATE ELEVATION (PAID UNDER "ADJUSTING MANHOLE")

PLUG RCB WALL (NO DIRECT PAY)

STA. 289+45.73
℄ ROUTE 66 RT.
7.05% GRADE
W = 50.00'
PAVED APPROACH

STA. 289+94.26
℄ ROUTE 66 LT.
0.81% GRADE
W = 18.77'
TYPE II ENTRANCE

STA. 289+93.73
℄ ROUTE 66 RT.
MATCH EXIST. GRADE (9.19%)
W = 16.00'
TYPE II ENTRANCE

STA. 0+50.51
℄ BYERS AVE S. LT.
W = 12.5'
PAVED APPROACH SECTION

STA. 293+28.08
℄ ROUTE 66 RT.
6.46% GRADE
W = 18.00'
TYPE II ENTRANCE

INLET 288T1
℄ MOFFET AVENUE S
STA. 0+82.00, 15.00' RT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

INLET 288T3
℄ MOFFET AVENUE S
STA. 0+82.00, 14.50' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

MANHOLE 288MH1, ℄ ROUTE 66
STA. 288+12.00, 24.00' RT
1-PRECAST 48" MANHOLE
3-18" OPENINGS
1-24" OPENING

INLET 289SD1, ℄ ROUTE 66
STA. 289+33.00, 21.88' RT
1-20' 12" SLOTTED DRAIN-TYPE A
1-12" OPENING

INLET 289SD2, ℄ ROUTE 66
STA. 289+58.00, 21.88' RT
1-20' 12" SLOTTED DRAIN-TYPE A
1-12" OPENING

INLET 291T1, ℄ ROUTE 66
STA. 291+14.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 291T3, ℄ BYERS AVE S
STA. 0+48.00, 15.79' RT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING

INLET 289T2, ℄ ROUTE 66
STA. 289+06.27, 22.00' RT
1-10' X 3' MODIFIED TYPE T INLE
1-12" OPENING
1-18" OPENING

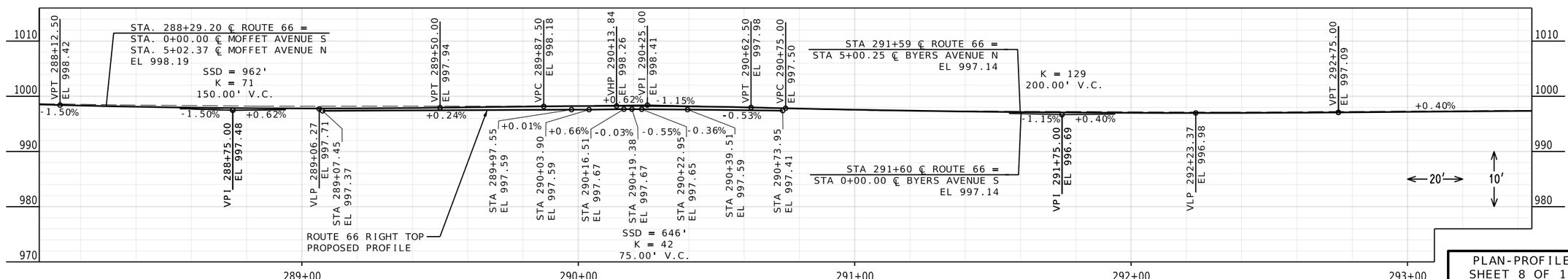
INLET 291T4, ℄ BYERS AVE S
STA. 0+82.00, 14.35' LT
1-10' X 3' MODIFIED TYPE T INLET
CONNECT TO EXIST. RCB (NO DIRECT PAY)

INLET 292T1, ℄ ROUTE 66
STA. 292+23.40, 22.00' RT
1-10' X 3' MODIFIED TYPE T INLE
1-18" OPENING
1-24" OPENING

INLET 292T3, ℄ ROUTE 66
STA. 292+60.00, 22.00' RT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

INLET 292T5, ℄ ROUTE 66
STA. 292+98.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-12" OPENING
1-18" OPENING

INLET 293SD1, ℄ ROUTE 66
STA. 293+28.00, 21.88' RT
1-20' 12" SLOTTED DRAIN-TYPE A
1-12" OPENING



REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

PLAN-PROFILE
SHEET 8 OF 11

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INLET 295T1, ℄ ROUTE 66
STA. 295+17.75, 22.00' LT
1-7.5' X 3' MODIFIED TYPE T INLET
1-12" OPENING
1-18" OPENING

INLET 295T5, ℄ ROUTE 66
STA. 295+67.00, 22.00' LT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

INLET 296T1, ℄ ROUTE 66
STA. 296+40.00, 22.00' LT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

MANHOLE 296MH1, ℄ ROUTE 66
STA. 296+40.00, 18.00' LT
1-PRECAST 48" MANHOLE

MANHOLE 298MH1, ℄ ROUTE 66
STA. 298+43.09, 30.00' LT
1-PRECAST OPEN BOTTOM 48" MANHOLE

MANHOLE 298MH2, ℄ ROUTE 66
STA. 298+64.00, 30.00' LT
1-PRECAST 60" MANHOLE
1-18" OPENING
2-30" OPENINGS

MANHOLE 295MH4, ℄ ROUTE 66
STA. 295+17.75, 18.00' LT
1-PRECAST 48" MANHOLE

SE 1/4, SE 1/4
S3 T27N R33W

399
JASPER COUNTY COURTHOUSE
SEE SHEET NO.23

683 | 661 | 52 | ROUTE 66 WEST | ROUTE 66 EAST | 670 | 2 | 697 | PEARL AVENUE SOUTH | 54 | 22 | 27
TRAFFIC FLOW DIAGRAM
ESTIMATED - 2045
TRAFFIC VOLUME

693 | WALL AVENUE NORTH | 239 | 32 | 653 | ROUTE 66 WEST | ROUTE 66 EAST | 18 | 677 | 737 | 40 | 188
TRAFFIC FLOW DIAGRAM
ESTIMATED - 2045
TRAFFIC VOLUME

EXIST. R/W
ALLEY
295
(D.N.D.)
EXIST. ELECTRIC ESMT.
ADJUST WATER METER (BY OTHERS)
ADJUST WATER VALVE (BY OTHERS)
TYPE A PIPE COLLAR (D.N.D.)
TEMP. CONST. ESMT.
PLUG PIPE TO THE NORTH (NO DIRECT PAY)
S.L.
NEW R/W
6' SIDEWALK
TYPE A CURB
INLET 295T1
INLET 295T5
INLET 296T1
MANHOLE 295MH4
MANHOLE 296MH1
℄ ROUTE 66
SECTION LINE
MANHOLE 295MH1
INLET 293T2
R & R PARKING BLOCKS
NEW R/W
6' SIDEWALK
7.3' SIDEWALK
TEMP. CONST. ESMT.
EOP
PERM. SIDEWALK & UTILITY ESMT.
INLET 295T3
INLET 295T4
TYPE A CURB
PERM. SIDEWALK
5' SIDEWALK & UTILITY ESMT.
6' SIDEWALK
TEMP. CONST. ESMT.
SAWCUT
NEW R/W
U.I.P.
PEARL AVE S
JCT. BOX 295MH2
INLET 295E2
SAWCUT
INLET 295T2
JCT. BOX 295MH3
INLET 294T1
S02°00'33"W
MATCHLINE STA. 293+45.00

STA. 295+01.04 ℄ ROUTE 66 =
STA. 0+0-0.00 ℄ PEARL AVENUE

S87°53'20"E
R & R PARKING BLOCKS (NO DIRECT PAY)

STA. 0+61.44
℄ PEARL AVE S. RT.
1.00% GRADE
W = 30.0'
PAVED APPROACH

STA. 0+59.06
℄ PEARL AVE S. LT.
2.96% GRADE
W = 25.0'
PAVED APPROACH

STA. 296+75.02
℄ ROUTE 66 RT.
7.05% GRADE
W = 20.00'
TYPE II ENTRANCE

STA. 296+74.41
℄ ROUTE 66 RT.
6.10% GRADE
W = 22.00'
TYPE II ENTRANCE

416
MULTI FAMILY CARTEL
SEE SHEET NO.23

414
S & C DEVELOPMENT
SEE SHEET NO.23

NE 1/4, NE 1/4
S10 T27N R33W

397
EMPIRE DISTRICT ELECTRIC CO
SEE SHEET NO.23

413
S & C DEVELOPMENT
SEE SHEET NO.23

(D.N.D.)
24 LF CONCRETE ENCASEMENT
MOD. S-CURB
SAWCUT
NEW R/W
TEMP. CONST. ESMT.
6' SIDEWALK
MANHOLE TO BE REMOVED (BY OTHERS)
℄ ROUTE 66
SECTION LINE
INLET 296SD1
(D.N.D)
INLET 296T2
STA. 298+49.05 ℄ ROUTE 66 =
STA. 0+00.00 ℄ WALL AVENUE S
EXIST. R/W
7' SIDEWALK
ADJUST WATER VALVE (BY OTHERS)
INLET 298T1
INLET 298T2
JUNCTION BOX 298MH4
JUNCTION BOX 298MH5
INLET 298T3
TEMP. CONST. ESMT.
NEW R/W
TEMP. CONST. ESMT.
RCB (BY OTHERS)
WALL AVE N
S01°58'35"W
SAWCUT
MANHOLE 298MH1
MANHOLE 298MH2
MANHOLE 298MH3
R 30'
R 15.45'
45°
90°8'5"
89°5'55"
STA. 298+49.76 ℄ ROUTE 66 =
STA. 1+22.30 ℄ WALL AVENUE N
MATCHLINE STA. 298+85.00

SCALE
0 20 40 60

INLET 293T2, ℄ ROUTE 66
STA. 293+88.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 294T1, ℄ PEARL AVENUE
STA. 1+23.00, 19.80' RT
1-10' X 3' MODIFIED TYPE T INLET
1-18" OPENING

MANHOLE 295MH1, ℄ ROUTE 66
STA. 295+17.75, 24.00' RT
1-PRECAST 48" MANHOLE
2-24" OPENINGS
1-30" OPENING

JUNCTION BOX 295MH3, ℄ ROUTE 66
STA. 1+23.00, 16.75' LT
1-3' X 3' JCT BOX
2-18" OPENINGS
1-24" OPENING

INLET 295T2, ℄ NONE
STA. 1+23.00, -20.00' RT
1-10' X 3' MODIFIED TYPE T INLET
1-18" OPENING

JUNCTION BOX 295MH2, ℄ PEARL AVENUE
STA. 0+84.50, 16.75' LT
1-3' X 3' JCT BOX
1-18" OPENING
2-24" OPENINGS

INLET 295E2, ℄ PEARL AVENUE
STA. 0+84.50, 20.25' LT
1-EXISTING INLET
1-18" OPENING

INLET 295T3, ℄ ROUTE 66
STA. 295+49.00, 22.00' RT
1-10' X 3' MODIFIED TYPE T INLET
1-18" OPENING
1-24" OPENING

INLET 295T4, ℄ ROUTE 66
STA. 295+67.00, 22.00' RT
1-10' X 3' MODIFIED TYPE T INLET
1-18" OPENING

INLET 296T2, ℄ ROUTE 66
STA. 296+40.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-12" OPENING
1-18" OPENING

INLET 296SD1, ℄ ROUTE 66
STA. 296+75.00, 28.75' RT
1-20' TYPE A 12" SLOTTED DRAIN
1-12" OPENING

INLET 298T1, ℄ ROUTE 66
STA. 298+02.00, 22.00' RT
1-10' X 3' TYPE T INLET
1-18" OPENING

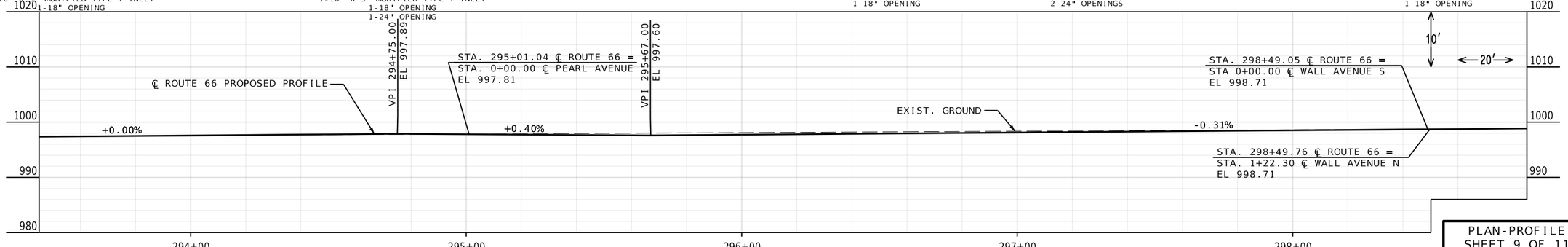
MANHOLE 298MH3, ℄ ROUTE 66
STA. 298+63.80, 24.00' RT
1-PRECAST 60" MANHOLE
2-18" OPENING
2-30" OPENINGS

JUNCTION BOX 298MH5, ℄ ROUTE 66
STA. 298=63.80, 58.00' RT
1-3' X 3' JCT BOX
2-18" OPENINGS
2-24" OPENINGS

JUNCTION BOX 298MH4, ℄ ROUTE 66
STA. 298+63.80, 46.00' RT
1-4' X 3' JCT BOX
2-24" OPENINGS
1-30" OPENING

INLET 298T2, ℄ WALL AVENUE S
STA. 0+58.00, 20.00' RT
1-10'X 3' MODIFIED TYPE T INLET
1-18" OPENING

INLET 298T3, ℄ WALL AVENUE S
STA. 0+58.00, 19.50' LT
1-10' X 3' MODIFIED TYPE T INLET
1-18" OPENING



PLAN-PROFILE
SHEET 9 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

INLET 298T5, ℄ ROUTE 66
STA. 299+10.00, 22.00' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

MANHOLE 301MH4, ℄ ROUTE 66
STA. 301+83.60, 35.00' LT
1-PRECAST 48" MANHOLE
1-18" OPENING
2-24" OPENINGS

INLET 302T1, ℄ ROUTE 66
STA. 302+15.00, 32.89' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

SE 1/4, SE 1/4
S3 T27N R33W

395
EMPIRE DISTRICT ELECTRIC CO
SEE SHEET NO.24

300

EXIST. R/W

JOPLIN AVENUE NORTH
682
648
42
ROUTE 66 WEST
ROUTE 66 EAST
690
28
757
272
JOPLIN AVENUE SOUTH
TRAFFIC FLOW DIAGRAM
ESTIMATED - 2045
TRAFFIC VOLUME

MATCHLINE STA. 298+85.00

NEW R/W
EXIST. R/W
TEMP. CONST. ESMT.
MOD. S-CURB
SAWCUT
INLET 298T5
SIDEWALK
TYPE A CURB
℄ ROUTE 66
MANHOLE TO BE REMOVED (BY OTHERS)
SECTION LINE
ADJUST MH (BY OTHERS)
INLET 298T4
INLET 300T1
SIDEWALK
C&G
(D.N.D)
(R)
R 30'
R 25'
INLET 301T1
NEW R/W
TEMP. CONST. ESMT.
EXIST. 20' SEWER ESM'T

JOPLIN AVENUE N S02°03'26"W
JOPLIN AVENUE S S02°03'41"W
TYPE A PIPE COLLAR R 30'
MANHOLE 301MH4
MANHOLE 301MH3
MANHOLE 301MH2
MANHOLE 301MH1
INLET 301T2
TYPE A PIPE COLLAR
SAWCUT S
89°56'45"
90°2'59"
R 10'
R 15'
S87°53'20"E
STA. 301+69.80 ℄ ROUTE 66 =
STA. 9+92.89 ℄ JOPLIN AVENUE N
STA. 0+00.00 ℄ JOPLIN AVENUE S
INLET 302T2
S.L.
NEW R/W

392
JOPLIN CITY
SEE SHEET NO.24

STA. 302+86.86
℄ ROUTE 66 LT.
0.32% GRADE
W = 24.00'
PAVED APPROACH

TEMP. CONST. ESMT.
SIDEWALK
INLET 302T1
MANHOLE TO BE REMOVED (BY OTHERS)
MANHOLE 303MH1
END PROJECT J7S2185C
BEGIN PROJECT J7S2185D
STA 304+20.00 ℄ ROUTE 66
℄ ROUTE 66
SECTION LINE
EXIST. R/W
SAWCUT
TEMP. CONST. ESMT.
INLET 303PC1 (U.I.P EXIST. INLET)
STA. 302+93.75
℄ ROUTE 66 RT.
8.07% GRADE
W = 16.00'
PAVED APPROACH

ALLEY

198
SOUTHWEST MISSOURI DEV ENTERPRISES
% CEDAR TREE MANAGEMENT
SEE SHEET NO.24

STA. 303+29.86
℄ ROUTE 66 LT.
0.33% GRADE
W = 20.00'
TYPE II ENTRANCE

SAWCUT
TYPE A CURB
(D.N.D) BUILDING
TYPE A CURB
MANHOLE 304MH1
EXIST. R/W
SAWCUT
STA. 303+29.60
℄ ROUTE 66 RT.
4.90% GRADE
W = 19.50'
TYPE II ENTRANCE

INLET 303PC1, ℄ ROUTE 66
STA. 303+21.30, 37.90' RT
1-EXIST COMBO INLET
1-EXIST 3'X 2' GRATE INLET
1-12" OPENING
2-15" OPENINGS

199
SEVENTH STAR
SEE SHEET NO.24

INLET 304MH1, ℄ ROUTE 66
STA. 304+44.39, 6.05' RT
1-EXISTING MANHOLE
1-EXISTING MANHOLE FRAME & COVER
1-15" OPENING
1-18" OPENING

410
HARRY M CORNELL ARTS & ENTERTAINMENT CO
SEE SHEET NO.24

SCALE
0 20 40 60

STA. 0+84.61
℄ JOPLIN AVE S. RT.
W = 12.8'
PAVED APPROACH SECTION

409
COMMUNITY HEALTH CLINIC OF JOPLIN
SEE SHEET NO.24

NE 1/4, NE 1/4
S10 T27N R33W

MANHOLE 301MH3, ℄ ROUTE 66
STA. 301+83.60, 7.75 RT
1-PRECAST 48" MANHOLE
1-18" OPENING
2-24" OPENINGS

INLET 298T4, ℄ ROUTE 66
STA. 299+10.00, 22.00' RT
1-5' X 3' TYPE T INLET
2-18" OPENINGS

INLET 300T1, ℄ ROUTE 66
STA. 300+02.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 301T1, ℄ JOPLIN AVENUE S
STA. 0+54.00, 20.00' RT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING

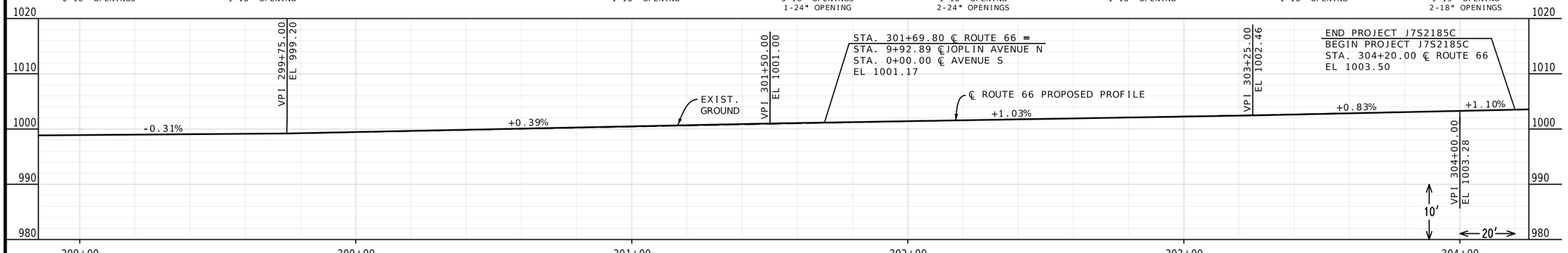
MANHOLE 301MH1, ℄ ROUTE 66
STA. 301+83.60, 54.00' RT
1-PRECAST 48" MANHOLE
3-18" OPENINGS
1-24" OPENING

MANHOLE 301MH2, ℄ ROUTE 66
STA. 301+83.60, 24.00' RT
1-PRECAST 48" MANHOLE
1-18" OPENING
2-24" OPENINGS

INLET 301T2, ℄ JOPLIN AVENUE S
STA. 0+54.00, 19.67' LT
1-7.5' X 3' MODIFIED TYPE T INLET
1-18" OPENING

INLET 302T2, ℄ ROUTE 66
STA. 302+15.00, 22.00' RT
1-5' X 3' TYPE T INLET
1-18" OPENING

MANHOLE 303MH1, ℄ ROUTE 66
STA. 303+21.30, 6.75' RT
1-PRECAST 48" MANHOLE
1-15" OPENING
2-18" OPENINGS



PLAN-PROFILE
SHEET 10 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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JCT. BOX 253JB2, ℄ ROUTE 66
STA. 253+77.75, 33.50' LT
1-5' X 5' JCT BOX
2-36" OPENINGS
1-42" OPENING

INLET 254D1, ℄ ROUTE 66
STA. 254+40.00, 35.50' LT
1-2' X 4' MOD. TYPE D INLET
2-36" OPENINGS

MANHOLE 253MH3, ℄ ROUTE 66
STA. 253+87.75, 20.50' RT
1-EXIST MANHOLE
1-18" OPENING
2-36" OPENINGS

INLET 254D2, ℄ ROUTE 66
STA. 254+59.75, 24.50' RT
1-4' X 4' MOD. TYPE D INLET
2-36" OPENINGS

INLET 253D2, ℄ ROUTE 66
STA. 10+64.00, 30.12' LT
1-2' X 2' TYPE D INLET
2-18" OPENING

INLET 253D1, ℄ ROUTE 66
STA. 10+92.00, 25.00' LT
1-4' X 2' TYPE D INLET
1-18" OPENING

387
MCDONALDS CORP
SEE SHEET 15

448
JIM R. AND CAROL CIGNETTI
GASKILL MEMORIAL TRUST
SEE SHEET 15

341
WG JOPLIN
SEE PROJECT J7S2185B
FOR TAKINGS

342
702 S. MAIDEN
SEE PROJECT J7S2185B
FOR TAKINGS

℄ ROUTE 66

D.N.D
S.L.
EXIST. R/W
TEMP. CONST. ESMT.
(D.N.D)
INLET 254D1
EOP
NEW R/W
TYPE A GUTTER
(D.N.D)
R 67'
R 70'
R 59'
(R)
JCT. BOX 253JB2
EOP
TYPE B C&G
INLET 254D2
EOP
TEMP. CONST. ESMT.
SAWCUT
R 64.5'
R 57'
NEW R/W
INLET 253D2
EOP
INLET 253D1
ADJUST MH MANHOLE 253MH3
90°7'0"
S01°56'20"W
BEGIN CONSTRUCTION
STA 8+89.41
℄ MAIDEN LN
SAWCUT
EXIST. R/W
END CONSTRUCTION
STA 10+97.19
SECTION LINE
℄ MAIDEN LN
STA. 10+00.00 ℄ MAIDEN LANE =
STA. 253+47.80 ℄ ROUTE 66
JCT. BOX 253JB1
EOP
TYPE B C&G
INLET 253T1
TYPE B C&G
EOP
S.L.
(D.N.D)
R 80'
R 77'
R 71'
TEMP. CONST. ESMT.
WALGREENSSMALL BLOCKWALL SYSTEM WITH (48 IN) DECORATIVE PEDESTRIAN FENCE, SEE DETAIL ON SPECIAL SHEET 63
NEW R/W
EXIST. R/W
EXIST. DRAINAGE ESMT.
EXIST. DRAINAGE ESMT.
INLET 252T2
EOP
TYPE B C&G
INLET 252D1
INLET 252T1
6' SIDEWALK
2' CURB & GUTTER
NEW R/W
TEMP. CONST. ESMT.
S.L.
EXIST. 10' WATER ESMT.
EXIST. ELECTRIC CLEARING ESMT.
EXIST. R/W
DO NOT ENTER

SCALE
0 20 40 60

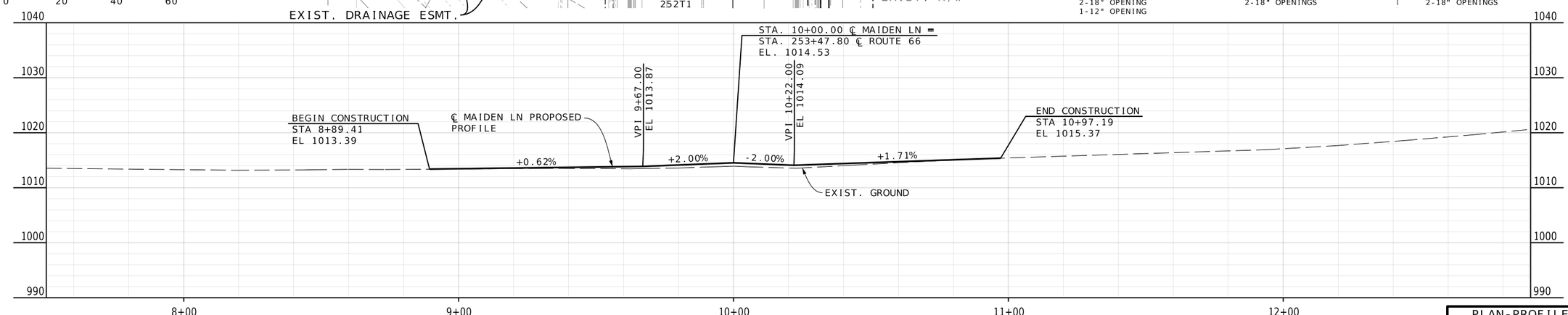
INLET 252T1, ℄ ROUTE 66
STA. 252+16.00, 35.50' LT
1-5' X 3' TYPE T INLET
1-18" OPENING

INLET 252D1, ℄ ROUTE 66
STA. 252+31.00, 24.50' RT
1-4' X 2' TYPE D INLET
2-18" OPENING
1-12" OPENING

JCT. BOX 253JB1, ℄ ROUTE 66
STA. 253+07.00, 51.00' RT
1-3' X 3' JCT BOX
2-18" OPENINGS

INLET 253T1, ℄ ROUTE 66
STA. 10+92.00, 36.79' RT
1-7.5' X 3' MOD. TYPE T INLET
1-18" OPENING

INLET 252T2, ℄ ROUTE 66
STA. 252+65.00, 28.10' RT
1-10' X 3' MOD. TYPE T INLET
2-18" OPENINGS



PLAN-PROFILE
MAIDEN LN
SHEET 11 OF 11

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 14
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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341
WG JOPLIN
SEE PROJECT J7S2185B
FOR TAKINGS

EXIST. R/W

EXIST. SEWER, DITCH AND DRAINAGE ESMT.

EXIST. SEWER AND DRAINAGE ESMT.

EXIST. SEWER ESMT.

NEW R/W

TEMP. CONST. ESMT.

EXIST. DRAINAGE DITCH ESMT.

EXIST. COMM. ESMT.

TEMP. CONST. ESMT.

EXIST. R/W

℄ MAIDEN LN
S01°56'20"W

+77.35
118.91'

EXIST. R/W

SW 1/4, SW 1/4
S3 T27N R33W

387
MCDONALDS CORP 24/203
628 SF R/W
1,611 SF TEMP. CONST. ESMT.
1.83 AC REMAINING

+77.45
80.72'

+84.44
83.98'

+77.49
68.24'

NEW R/W

+05.63
66.18'

+09.82
53.91'

+02.81
42.88'

+38.86
42.91'

+45.96
50.92'

+74.75
50.94'

+74.75
52.94'

TEMP. CONST. ESMT.

EXIST. ELECTRIC ESMT.

EXIST. ACCESS ESMT.

388
ROTTINGHAUS REAL ESTATE
SEE SHEET NO.16

EXIST. R/W

END PROJECT J7S2185B & F
BEGIN PROJECT J7S2185C
STA.252+19.89 ℄ ROUTE 66

LAND SURVEY MONUMENT
NW CORNER SEC. 10-T27N-R33W
DOCUMENT NO. 600-93476
3849.21' N44°15'46"W
TO BEGINNING OF PROJECT

S87°56'40"E

90°7'0"

℄ ROUTE 66

10

+30.41
52.98'

+30.41
45.98'

EXIST. R/W

STA. 253+47.80 ℄ ROUTE 66 =
STA. 10+00.00 ℄ MAIDEN LANE

EXIST. ELECTRIC CLEARING ESMT.

EXIST. R/W

EXIST. ELECTRIC CLEARING ESMT.

NEW R/W

EXIST. 10' WATER PIPE ESMT.

EXIST. DRAINAGE DITCH ESMT.

343
D L ROGERS CORP
SEE PROJECT J7S2185B
FOR TAKINGS

PERM. SIDEWALK & UTILITY ESMT.

TEMP. CONST. ESMT.

342
702 S. MAIDEN
SEE PROJECT J7S2185B
FOR TAKINGS

EXIST. WATER PIPE ESMT.

EXIST. R/W

℄ MAIDEN LN
S1°56'19.64"W

EXIST. R/W

+77.98
111.27'

+77.83
54.84'

+77.88
73.26'

NEW R/W

+07.63
49.00'

+02.60
28.56'

+48.98
32.00'

+56.37
49.00'

TEMP. CONST. ESMT.

+25.79
28.53'

+25.79
32.00'

+25.78
49.00'

+25.78
39.00'

TEMP. CONST ESMT.

MATCHLINE STA. 255+65.00

449
FD JOPLIN MISSOURI 7TH STREET
SEE SHEET NO.16

448
JIM R. AND CAROL CIGNETTI GASKILL MEMORIAL TRUST
1,405 SF R/W
3,742 SF TEMP. CONST. ESMT.
0.91 AC REMAINING

NW 1/4, NW 1/4
S10 T27N R33W

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

SCALE
0 20 40 60

RIGHT OF WAY SHEET
SHEET 1 OF 10

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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SW 1/4, SW 1/4
S3 T27N R33W

387
MCDONALDS CORP
SEE SHEET NO.15

388
ROTTINGHAUS REAL ESTATE
797 SF TEMP. CONST. ESMT.
0.37 AC REMAINING

389
ARTURO JR. &
SILVIA REYES
54 SF PERM. SIDEWALK & UTILITY ESMT.
2,347 SF TEMP. CONST. ESMT.
0.76 AC REMAINING

391
BENSON BRIAN S
NO ACQUISITION

390
JOHNSON, JACOB
85 SF PERM. SIDEWALK & UTILITY ESMT
1,539 SF TEMP. CONST. ESMT
0.14 AC REMAINING

449
FD JOPLIN MISSOURI
7TH STREET % TAX DEPT
543 SF NEW R/W
1,101 SF TEMP. CONST. ESMT.
0.76 AC REMAINING

445
UTO ALICIA L
65 SF NEW R/W
1,371 SF TEMP. CONST. ESMT.
0.17 AC REMAINING
ONE ENTRANCE CLOSURE

446
EDSEL REMAINDER I
% O'REILLY AUTO PARTS
33 SF PERM. ESMT. (DRAINAGE)
107 SF PERM. SIDEWALK & UTILITY ESMT.
1,701 SF TEMP. CONST. ESMT
0.52 AC REMAINING

NW 1/4, NW 1/4
S10 T27N R33W

EXIST, SEWER ESMT.
EXIST. ELECTRIC ESMT.
TEMP. CONST. ESMT.
EXIST. ELECTRIC. ESMT.
TEMP. CONST. ESMT.
EXIST. POLE LINE PERMIT
EXIST. R/W
ALLEY
PERM. SIDEWALK & UTILITY ESMT.
PERM. SIDEWALK & UTILITY ESM'T
TEMP. CONST. ESMT.
PERM. DRAINAGE ESMT.
NEW R/W
TEMP. CONST. ESMT.
SECTION LINE
MATCHLINE STA. 255+65.00
MATCHLINE STA. 261+05.00
℄ HARLEM AVE
S02°06'07"W
℄ PORTER AVE N
S02°07'46"W
℄ PORTER AVE S
S02°05'31"W
STA. 257+03.90 ℄ ROUTE 66 = STA. 0+00.00 ℄ HARLEM AVENUE
STA. 260+83.93 ℄ ROUTE 66 = STA. 0+00.00 ℄ PORTER AVENUE S = STA. 5+01.54 ℄ PORTER AVENUE N
S87°56'40"E
89°57'13"
89°55'34"
90°3'7"
CP 6033

+76.56 46.09' | +76.56 53.09' | +00.23 43.10' | +09.98 53.11' | +09.99 45.44' | +33.98 40.80' | +33.98 43.81' | +34.00 56.05' | +99.75 52.84' | +99.78 45.96' | +28.40 34.38' | +39.41 46.21' | +39.41 50.90' | +84.05 30.59' | +84.05 32.51' | +79.07 48.96' | +79.10 73.85' | +84.10 73.84'
+04.10 69.77' | +20.83 69.70' | +20.78 36.32'
+52.04 36.17' | +52.05 44.00' | +54.05 44.00' | +54.04 32.00' | +54.03 29.17'
+04.05 29.34' | +04.05 30.72' | +32.97 29.30'
+26.98 29.20' | +34.98 32.00'
+73.88 28.50' | +70.13 32.00' | +58.77 39.00' | +73.86 46.53' | +73.86 51.15'
+33.86 54.02' | +35.87 54.02' | +34.99 42.55' | +37.40 38.50' | +34.99 29.50' | +33.88 28.86'
+66.86 28.98' | +83.86 29.00' | +83.85 29.50' | +69.54 38.50' | +83.85 32.92' | +69.54 61.50' | +83.83 61.50'
+03.85 35.11' | +03.86 29.02' | +25.27 29.04' | +38.16 32.05' | +03.83 60.75' | +38.13 60.77'
+53.98 29.16' | +53.98 32.16'

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 2 OF 10

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 16
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE | DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

MATCHLINE STA. 261+05.00

MATCHLINE STA. 266+45.00

384
KINGDOM INVESTMENTS & ACQUISITIONS
65 SF PERM. SIDEWALK & UTILITY ESMT.
1,006 SF TEMP. CONST. ESMT.
0.24 AC REMAINING

385
ROBERTSON JAMES A & SANDRA L
131 SF PERM. SIDEWALK & UTILITY ESMT.
1,357 SF TEMP. CONST. ESMT.
0.42 AC REMAINING
ONE ENTRANCE CLOSURE

380
ZEKA SEIT
204 SF PERM. SIDEWALK & UTILITY ESMT.
1,687 SF TEMP. CONST. ESMT.
0.27 AC REMAINING
TWO ENTRANCE CLOSURES

444
SANGLIN & ASSOCIATES #12
30 SF PERM. SIDEWALK & UTILITY ESMT.
1,199 SF TEMP. CONST. ESMT.
0.18 AC REMAINING

443
WHITE DOG INVESTMENTS
105 SF PERM. DRAINAGE ESMT.
41 SF PERM. SIDEWALK & UTILITY ESMT.
1,378 SF TEMP. CONST. ESMT.
0.18 AC REMAINING

442
LIAO ZHANGLONG & JIANYUN ANNA CHEN
37 SF PERM. SIDEWALK & UTILITY ESMT.
1,763 SF TEMP. CONST. ESMT.
0.40 AC REMAINING

SW 1/4, SW 1/4
S3 T27N R33W

NW 1/4, NW 1/4
S10 T27N R33W

℄ ROUTE 66 S87°56'40"E

℄ EMPIRE AVE N S02°10'24"W

℄ EMPIRE AVE S S02°01'23"W

STA. 264+63.60 ℄ ROUTE 66 =
STA. 0+00.00 ℄ EMPIRE AVENUE S
STA. 5+59.21 ℄ EMPIRE AVENUE N

89°53'55"

89°58'4"

EXIST. R/W

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

PERM. DRAINAGE ESMT.

PERM. SIDEWALK & UTILITY ESMT

SECTION LINE

ALLEY

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 3 OF 10

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
8/8/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

EXIST. R/W

EXIST. R/W

EXISTING R/W

TEMP. CONST. ESMT.

+58.60 88.46'

+70.82 88.44'

+71.60 88.44'

S02°00'41"W

SE 1/4, SW 1/4
S3 T27N R33W

EXISTING R/W

380
ZEKA SEIT
SEE SHEET NO. 17

381
EL GUAPO'S CIGAR LOUNGE
119 SF PERM. SIDEWALK & UTILITY ESMT.
874 SF TEMP. CONST. ESMT.
0.48 AC REMAINING

383
WATKINS KATHRYN R TR
237 SF PERM. SIDEWALK & UTILITY ESMT.
1,208 SF TEMP. CONST. ESMT.
0.10 AC REMAINING

377
JOPLIN SCHOOL DISTRICT
4,634 SF TEMP. CONST. ESMT.
381 SF PERM. SIDEWALK & UTILITY ESMT.
3.16 AC REMAINING

PICHER AVENUE N

1/4 SECTION LINE

ALLEY

TEMP. CONST. ESMT.

+64.02 28.49'
+64.02 29.50'
+64.02 39.50'

+84.01 41.50'
+84.02 29.50'
+84.02 28.47'

+29.58 41.50'
+29.58 34.00'

+90.41 34.00'
+90.41 39.00'

TEMP. CONST. ESMT.

+48.27 29.50'
+58.64 39.00'

PERM. SIDEWALK & UTILITY ESM'T

+96.09 28.41'
+96.09 29.50'
+96.09 39.00'

+71.65 28.37'
+70.82 38.82'

89°57'21"

+31.65 28.34'
+31.64 36.02'

+31.63 54.50'
+35.63 54.50'
+35.64 39.50'

PERM. SIDEWALK & UTILITY ESM'T

+64.25 29.50'

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

+09.40 39.50'
+09.40 49.50'
+20.33 29.50'
+20.33 28.61'
+38.69 49.50'
+38.69 39.50'

MONITORING WELL

EXISTING R/W

POT STA 269+98.80

270

+98.80 39.50'
+98.80 29.50'
+98.80 28.30'

STA 268+36.15 ℄ ROUTE 66 =
STA 0+00.00 ℄ PICHER AVENUE

S87°56'40"E

STA. 269+01.67 ℄ ROUTE 66 =
STA. 5+56.93 ℄ PICHER AVENUE

STA. 271+61.46 ℄ ROUTE 66 =
STA. 0+00.00 ℄ MURPHY AVENUE

S87°50'57"E

MATCHLINE STA. 266+45.00

MATCHLINE STA. 271+85.00

PERM. SIDEWALK & UTILITY ESM'T

89°59'49"

PERM. SIDEWALK & UTILITY ESM'T

PERM. SIDEWALK & UTILITY ESM'T

89°51'47"

TEMP. CONST. ESMT.

SECTION LINE

EXISTING R/W

EXISTING R/W

+90.49 30.03'

+06.90 30.03'

+63.48 29.73'
+63.48 40.00'

ALLEY

+81.48 46.00'
+81.48 29.74'

TEMP. CONST. ESMT.

+89.00 29.84'
+92.08 32.00'
+06.15 29.86'
+06.15 32.00'
+00.97 46.00'

+00.97 79.50'

+06.15 79.50'

+66.15 36.92'
+66.15 32.00'
+66.15 29.92'
+84.89 32.00'
+87.84 29.94'

TEMP. CONST. ESMT.

+85.50 37.03'
+85.51 42.03'
+90.51 42.03'

+06.57 39.50'
+06.54 30.03'

TEMP. CONST. ESMT.

+11.70 29.69'
+15.20 32.00'
+30.96 29.63'
+30.98 32.00'
+27.69 39.50'
+27.69 51.50'
+31.07 51.50'

MURPHY AVENUE

S02°00'50"W

442
LIAO ZHANGLONG & JIANYUN ANNA CHEN
SEE SHEET NO. 17

EXISTING R/W

441
THOMPSON CAPITAL INVESTMENTS
34 SF PERM. SIDEWALK & UTILITY ESMT.
2,159 SF TEMP. CONST. ESMT.
0.43 AC REMAINING

440
CHILDREN'S HAVEN OF SOUTHWEST MISSOURI
42 SF PERM. SIDEWALK & UTILITY ESMT.
853 SF TEMP. CONST. ESMT.
1.13 AC REMAINING

439
RUCHI 29
41 SF PERM. SIDEWALK & UTILITY ESMT.
1,202 SF TEMP. CONST. ESMT.
0.29 AC REMAINING
ONE ENTRANCE CLOSURE

EXISTING R/W

EXISTING R/W

EXISTING R/W

EXISTING R/W

S02°03'08"W PICHER AVENUE S

ALLEY

NE 1/4, NW 1/4
S10 T27N R33W

SCALE

0 20 40 60

SEE PLAN SHEETS 4-13 FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 4 OF 10

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

377
JOPLIN SCHOOL DISTRICT
SEE SHEET NO.18

EXIST. R/W

GRAY AVENUE

S01°59'52"W

SE 1/4, SW 1/4
S3 T27N R33W

372
ESKANDARI FARHANG & SUZZANNE J
50 SF PERM. SIDEWALK & UTILITY ESMT.
1,223 SF TEMP. CONST. ESMT.
0.49 AC REMAINING

374.1
BNSF RAILWAY
209 SF TEMP. CONST. ESMT.

374
SET W 7TH ST PROPERTIES
38 SF PERM. SIDEWALK & UTILITY ESMT.
1,568 SF TEMP. CONST. ESMT.
0.48 AC REMAINING
ONE ENTRANCE CLOSURE

275

ALLEY

TEMP. CONST. ESMT.

+37.91 39.50' +37.91 47.00'
+83.77 29.03'
+90.78 32.00'
+10.47 29.10'
+10.47 32.00'
+10.46 47.00'

+70.46 36.50'
+70.47 33.74'
+70.47 29.25'
+71.60 29.26'
+92.66 29.30'

PERM. SIDEWALK & UTILITY ESM'T

+50.56 29.61'
+50.56 36.50'
+70.56 37.50'
+70.56 29.65'

TEMP. CONST. ESMT.
+54.64 37.50'
+54.64 44.50'
+82.64 37.50'
+82.64 44.50'

EXIST. R/W

MATCHLINE STA. 271+85.00

EXIST. R/W

PERM. SIDEWALK & UTILITY ESM'T

89°50'50"

STA. 273+41.68 ℄ ROUTE 66 =
STA. 5+57.20 ℄ GRAY AVENUE

EXIST. R/W

℄ ROUTE 66

STA 274+87.41 ℄ ROUTE 66 =
STA. 0+.00.00 ℄ CHESTNUT AVENUE

S87°50'57"E

90°14'42"

℄ ROUTE 66

MATCHLINE STA. 277+25.00

+00.00 29.40'
PERM. SIDEWALK & UTILITY ESM'T
SECTION LINE

EXIST. R/W

SECTION LINE

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

+90.96 29.43'
+91.09 55.50'
+91.07 51.00'
+92.43 51.00'
+00.43 55.50'
+00.43 37.50'
+92.43 32.00'
+05.46 32.00'
+12.94 29.38'

+16.53 29.18'
+16.56 37.50'

+32.58 43.50'
+32.53 29.15'

TEMP. CONST. ESMT.

+27.10 28.98'
+40.02 33.50'
+58.73 28.92'
+51.21 43.50'
+51.21 50.50'
+58.14 33.50'
+58.76 50.50'
+58.14 46.50'
+58.76 46.50'

+18.73 28.81'
+18.77 52.50'
+25.49 52.50'
+25.49 42.83'
+18.74 33.50'
+32.12 33.50'
+32.12 29.50'

TEMP. CONST. ESMT.
+44.59 28.57'
+44.59 29.50'
+44.58 42.83'

+60.59 32.50'
+60.59 29.50'
+60.59 28.54'

EXIST. R/W
PERM. SIDEWALK & UTILITY ESM'T
TEMP. CONST. ESMT.

437
KOEHLER CHARLES A & LEE ANN TR
74 SF PERM. SIDEWALK & UTILITY ESMT.
1,124 SF TEMP. CONST. ESMT.
0.43 AC REMAINING
ONE ENTRANCE CLOSURE

EXIST. R/W

ALLEY

EXIST. R/W

NE 1/4, NW 1/4
S10 T27N R33W

436
KOEHLER CHARLES A & LEE ANNE TR
123 SF PERM. SIDEWALK & UTILITY ESMT.
1,755 SF TEMP. CONST. ESMT.
0.42 AC REMAINING

S01°54'21"W CHESTNUT AVENUE

EXIST. R/W

433
PRIMAX PROPERTIES
156 SF PERM. SIDEWALK & UTILITY ESMT.
1,689 SF TEMP. CONST. ESMT.
0.43 AC REMAINING

EXIST. R/W

ALLEY

EXIST. R/W

432
MD NORTON
262 SF PERM. SIDEWALK & UTILITY ESMT.
456 SF TEMP. CONST. ESMT.
0.43 AC REMAINING.
TWO ENTRANCE CLOSURES

EXIST. R/W

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13 FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 5 OF 10

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 19
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

MATCHLINE STA. 277+25.00

MATCHLINE STA. 282+65.00

374.1
BNSF RAILWAY
SEE SHEET NO.19

374
SET W 7TH ST PROPERTIES
SEE SHEET NO.8

EXIST. R/W

SE 1/4, SW 1/4
S3 T27N R33W

SW 1/4, SE 1/4
S3 T27N R33W

371
SWMO PROPERTY
99 SF PERM. SIDEWALK & UTILITY ESMT.
1,722 SF TEMP. CONST. ESMT.
0.32 AC REMAINING
ONE ENTRANCE CLOSURE

407
GLADES PHILLIP A & STEVE BUERGE
46 SF PERM. SIDEWALK & UTILITY ESMT.
627 SF TEMP. CONST. ESMT.
0.94 AC REMAINING
ONE ENTRANCE CLOSURE

405
MAYER SHAILJA
124 SF PERM. SIDEWALK & UTILITY ESMT.
1,336 SF TEMP. CONST. ESMT.
0.52 AC REMAINING

5

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

EXIST. INGRESS/ EGRESS ESMT.

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST.ESMT.

CONNOR AVENUE N

JACKSON AVENUE N

POT STA 279+99.60

ALLEY

280

S02°05'52"W

S01°45'56"W

S87°50'57"E

S87°53'20"E

SECTION LINE

℄ ROUTE 66

STA. 277+80.58 ℄ ROUTE 66 =
STA. 5+57.60 ℄ CONNER AVENUE N

STA. 278+15.18 ℄ ROUTE 66 =
STA. 0+00.00 ℄ CONNER AVENUE S

STA. 281+69.30 ℄ ROUTE 66 =
STA. 0+00.00 ℄ JACKSON AVENUE S
STA. 5+01.82 ℄ JACKSON AVENUE N

89°56'50"

89°56'16"

89°39'16"

90°12'32"

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

MATCHLINE STA. 282+65.00

MATCHLINE STA. 288+05.00

SW 1/4, SE 1/4
S3 T27N R33W

SERGEANT AVE N S02°06'09"W

285

EXIST. R/W

EXIST. R/W

EXIST. R/W

STA. 288+05.00

MATCHLINE STA. 288+05.00

MOFFET AVE N

S02°03'50"W

SW 1/4, SE 1/4
S3 T27N R33W

400
ROBERTS MARK A TR
41 SF PERM. SIDEWALK & UTILITY ESMT.
1,693 SF TEMP. CONST. ESMT.
0.48 AC REMAINING

+59.12 100.07'
+64.12 100.07'

EXIST. R/W

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

+59.18 30.00'
+59.17 32.00'
+64.17 41.50'
+78.14 32.00'
+81.00 30.00'

288+29.20 ℄ ROUTE 66 =
5+02.37 ℄ MOFFET AVENUE N
0+00.00 ℄ MOFFET AVENUE S

℄ ROUTE 66

89°57'9"
89°58'33"

SECTION LINE

PERM. SIDEWALK & UTILITY ESM'T

+59.19 30.00'
+59.19 32.00'
+59.18 44.54'
+64.18 39.50'
+76.14 32.00'
+79.00 30.00'

EXIST. ELECTRIC ESM'T

TEMP. CONST. ESMT.

419
BEALE RONALD J
37 SF PERM. SIDEWALK & UTILITY ESMT.
1,409 SF TEMP. CONST. ESMT.
0.29 AC REMAINING
ONE ENTRANCE CLOSURE

+59.17 84.00'
+64.17 84.00'

EXIST. R/W

NW 1/4, NE 1/4
S10 T27N R33W

S02°08'07"W MOFFET AVE S

SCALE
0 20 40 60

SEE PLAN SHEETS 4-13
FOR ROADWAY DETAILS

EXIST. R/W

ALLEY

290

+84.44 41.50'
+84.44 30.00'
+04.44 30.00'
+04.44 37.50'

PERM. SIDEWALK & UTILITY ESM'T

EXIST. ELECTRIC ESM'T

TEMP. CONST. ESMT.

+06.76 30.00'
+13.76 33.50'

401
ROBERTS MARK A TR
74 SF PERM. SIDEWALK & UTILITY ESMT.
970 SF TEMP. CONST. ESMT.
0.34 AC REMAINING

+21.92 37.50'
+21.92 50.60'
+29.81 50.60'
+29.17 41.50'
+29.82 41.50'
+29.17 33.50'
+29.84 30.00'

EXIST. R/W

EXIST. ELECTRIC ESM'T

TEMP. CONST. ESMT.

+84.45 30.00'
+79.73 39.50'
+79.73 46.50'
+84.44 46.50'
+04.44 46.50'
+09.44 46.50'
+04.45 30.00'
+09.44 33.00'

418
ST PHILLIPS EPISCOPAL CHURCH
555 SF TEMP. CONST. ESMT.
1.16 AC REMAINING

+27.39 33.00'
+30.17 30.00'
+27.35 72.50'
+30.12 72.50'

EXIST. R/W

STA. 291+59.89 ℄ ROUTE 66 =
STA. 5+00.25 ℄ BYERS AVENUE N

90°52'1"
89°55'48"

STA. 291+60.21 ℄ ROUTE 66 =
STA. 0+00.00 ℄ BYERS AVENUE S

S02°01'19"W

BYERS AVE N

EXIST. R/W

EXIST. 10' GAS ESM'T

399
JASPER COUNTY COURTHOUSE
SEE SHEET NO. 23

TEMP. CONST. ESMT.

+89.84 30.00'
+89.82 43.50'
+89.80 54.00'
+91.00 43.50'
+91.00 33.50'
+12.14 33.50'
+17.14 30.00'

PERM. SIDEWALK & UTILITY ESM'T

EXIST. R/W

℄ ROUTE 66

S87°53'20"E

PERM. DRAINAGE ESMT.

+95.16 37.00'
+90.17 30.00'
+90.14 59.28'
+95.14 59.28'

EXIST. R/W

TEMP. CONST. ESMT.

+94.00 30.00'
+94.00 33.00'
+17.09 30.00'
+17.11 37.00'
+17.10 33.00'

417
NICK, LLC
69 SF PERM ESMT. (DRAINAGE)
1,000 SF TEMP. CONST. ESMT.
0.44 AC REMAINING

EXIST. R/W

S02°10'53"W BYERS AVE S

¼¼ SECTION LINE

ALLEY

416
MULTIFAMILY CARTEL
SEE SHEET NO.23

EXIST. R/W

STA. 293+45.00

MATCHLINE STA. 293+45.00

RIGHT OF WAY SHEET
SHEET 8 OF 10

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SE 1/4, SE 1/4
S3 T27N R33W

399
JASPER COUNTY COURTHOUSE
953 SF NEW R/W
99 SF PERM. SIDEWALK & UTILITY ESMT.
10,362 SF TEMP. CONST. ESMT.
4.27 AC REMAINING

397
EMPIRE DISTRICT ELECTRIC CO
172 SF NEW R/W
1,103 SF TEMP. CONST. ESMT.
0.51 AC REMAINING
TWO ENTRANCE CLOSURES

395
EMPIRE DISTRICT ELECTRIC CO
SEE SHEET NO.24

MATCHLINE STA. 293+45.00

MATCHLINE STA. 298+85.00

EXIST. ELECTRIC ESMT.

TEMP. CONST. ESMT.

NEW R/W

EXIST. R/W

ALLEY

WALL AVE N S01°58'35"E

WALL AVE S S01°58'35"W

+43.36 30.00'
+43.36 34.50'
+01.19 34.50'
+01.08 47.13'
+41.57 47.13'
+41.57 30.00'
+65.48 30.00'
+65.27 54.00'
+85.48 30.00'
+85.36 43.46'
+90.36 43.50'
+90.43 36.50'
+12.31 88.26'
+19.20 88.32'
+93.15 30.00'
+93.15 36.50'
+12.31 36.50'
+19.64 36.50'
+19.69 30.00'
+79.20 88.22'
+84.20 88.26'
+79.69 30.00'
+84.50 52.89'
+79.58 44.16'

STA. 295+01.04 ℄ ROUTE 66 =
STA. 0+00.00 ℄ PEARL AVENUE

STA. 298+49.76 ℄ ROUTE 66 =
STA. 1+22.30 ℄ WALL AVENUE N

STA. 298+49.05 ℄ ROUTE 66 =
STA. 0+00.00 ℄ WALL AVENUE S

℄ ROUTE 66
SECTION LINE
S87°53'20"E
90°6'40"
89°51'55"
90°8'5"

PERM. SIDEWALK & UTILITY ESM'T

+61.09 30.00'
+71.09 30.00'
+71.12 42.00'
+80.61 30.00'
+80.61 34.50'
+46.25 30.00'
+49.83 32.50'
+61.10 32.50'
+61.10 34.50'
+61.12 42.00'
+61.88 42.00'
+66.88 42.00'
+31.09 30.00'
+31.11 41.08'
+40.88 44.00'
+38.88 35.00'
+42.08 32.50'
+45.28 30.00'
+56.39 32.50'
+59.97 30.00'
+65.14 44.00'
+65.11 30.00'
+79.12 30.00'
+84.17 48.61'
+79.18 53.60'
+79.22 71.41'
+84.22 71.39'
+66.88 78.13'
+61.88 85.48'
+71.19 85.48'
+31.18 78.72'
+40.88 78.72'
+38.88 70.92'

416
MULTIFAMILY CARTEL
120 SF NEW R/W
203 SF PERM. SIDEWALK & UTILITY ESMT.
563 SF TEMP. CONST. ESMT.
0.31 AC REMAINING

414
S & C DEVELOPMENT
79 SF NEW R/W
321 SF PERM. SIDEWALK & UTILITY ESMT.
1,815 SF TEMP. CONST. ESMT.
0.29 AC REMAINING
TWO ENTRANCE CLOSURES

413
S & C DEVELOPMENT
NO AQUISITION

410
HARRY M CORNELL ARTS & ENTERTAINMENT CO
SEE SHEET NO.24

NE 1/4, NE 1/4
S10 T27N R33W

S02°00'33"W PEARL AVE

SCALE
0 20 40 60

SEE PLAN SHEET 4-13 FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 9 OF 10

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	23

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185C\plan_sheets\5 Right of Way\023_RW_09_J7S185C_120.dgn 7:15:35 AM 10/7/2025

SE 1/4, SE 1/4
S3 T27N R33W

395
EMPIRE DISTRICT ELECTRIC CO
729 SF NEW R/W
1,695 SF TEMP. CONST. ESMT.
2.74 AC REMAINING

EXIST. R/W

300

NEW R/W
+00.90 30.00'
+15.96 32.00'
TEMP. CONST. ESMT.
+68.22 32.00'
+68.22 36.00'
+85.66 36.00'
+85.66 32.00'
+02.18 32.00'
+02.22 30.00'
+35.99 33.65'
+35.99 39.16'
TEMP. CONST. ESMT.
+83.70 30.00'
+16.99 35.61'
+13.73 42.96'
+30.70 33.00'
+39.77 40.20'
+39.75 58.37'
+39.74 68.97'

EXIST. R/W
NEW R/W

MATCHLINE STA. 298+85.00

℄ ROUTE 66
SECTION LINE
S87°53'20"E

89°56'45"
90°2'59"

JOPLIN AVENUE N
S02°03'26"W

+99.75 55.00'
+99.74 67.94'
TEMP. CONST. ESMT.
+04.74 67.94'
+04.75 55.00'

EXIST. R/W

392
JOPLIN CITY
343 SF TEMP. ESMT. (CONST.)
1.16 AC REMAINING

+64.57 55.00'
+64.57 60.00'
TEMP. CONST. ESMT.
+20.23 60.00'
ALLEY
+20.23 55.00'

EXIST. R/W

198
SOUTHWEST MISSOURI DEV ENTERPRISES % CEDAR TREE MANAGEMENT
SEE J7S2185D FOR TAKINGS

EXIST. R/W

END PROJECT J7S2185C
BEGIN PROJECT J7S2185C
STA 304+20.00 ℄ ROUTE 66

℄ ROUTE 66
SECTION LINE

STA. 301+69.80 ℄ ROUTE 66 None =
STA. 9+92.89 ℄ JOPLIN AVENUE N
STA. 0+00.00 ℄ JOPLIN AVENUE S

EXIST. R/W

+39.83 30.00'
+99.83 30.00'

EXIST. R/W

EXIST. 20' SEWER ESMT.
+96.27 36.50'
+99.27 33.50'
+58.22 41.50'
+58.22 36.50'

NEW R/W
TEMP. CONST. ESMT.
+24.30 33.50'
+29.84 41.50'
+39.85 49.86'

EXIST. 20' SANITARY SEWER ESM'T

+29.89 95.03'
+39.89 95.03'

EXIST. R/W

JOPLIN AVENUE S
S02°03'41"W

+16.51 30.00'
+20.38 33.00'
NEW R/W
TEMP. CONST. ESMT.
+82.62 33.00'
+82.62 46.54'
+02.10 51.28'
+99.84 46.67'

+20.48 30.00'
+20.47 46.54'

EXIST. R/W

199
SEVENTH STAR
SEE J7S2185D FOR TAKINGS
ENCROACHMENT AGREEMENT

EXIST. R/W

410
HARRY M CORNELL ARTS & ENTERTAINMENT CO
1,242 SF NEW R/W
2,144 SF TEMP. CONST. ESMT.
2.38 AC REMAINING

409
COMMUNITY HEALTH CLINIC OF JOPLIN
139 SF NEW R/W
1,042 SF TEMP. CONST. ESMT.
0.55 AC REMAINING

+99.89 94.97'
+02.14 94.97'

EXIST. R/W
EXIST. R/W

NE 1/4, NE 1/4
S10 T27N R33W

NE 1/4, NE 1/4
S10 T27N R33W

EXIST. R/W

ALLEY

EXIST. R/W

SCALE
0 20 40 60

SEE PLAN SHEET 4-13 FOR ROADWAY DETAILS

RIGHT OF WAY SHEET
SHEET 10 OF 10

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	24

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

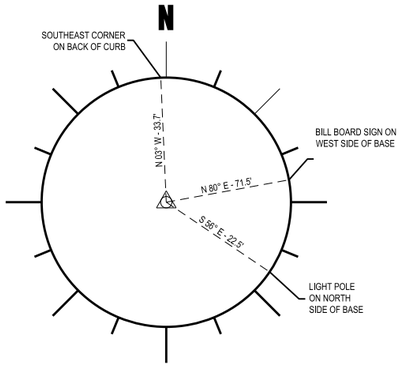
BRIDGE NO.

DESCRIPTION	DATE

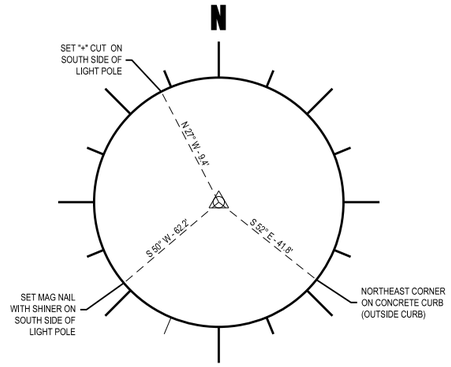
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

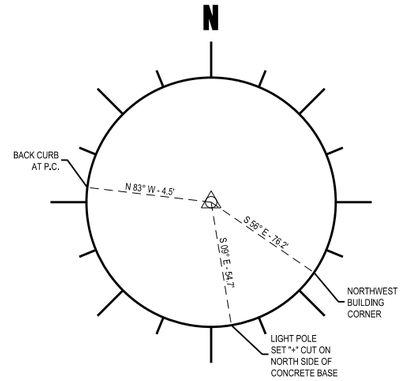
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592



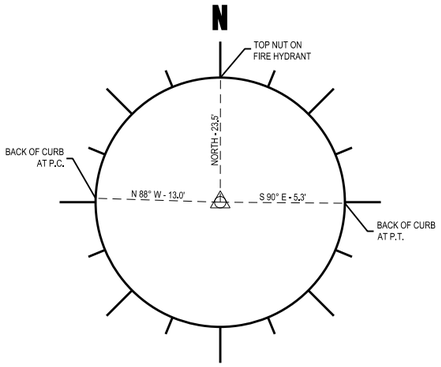
CP#5050 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 991.08



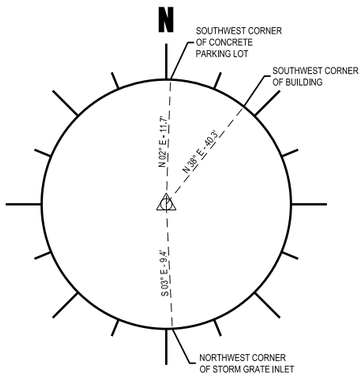
CP#5046 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 975.37



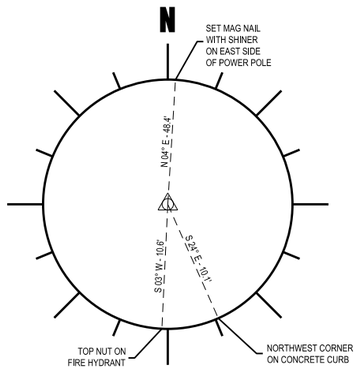
CP#5033 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1017.85



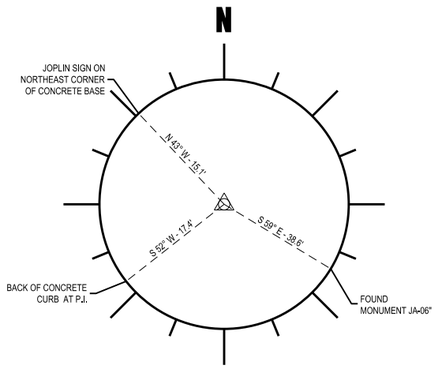
CP#5201- SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP
ELEVATION = 1040.68



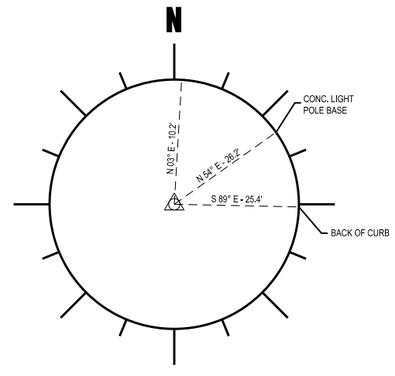
CP#5021- SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1055.94



CP#5017 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1055.15



CP#5038 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1059.92



CP#5213- SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1032.71

REFERENCE POINT SHEET
SHEET 1 OF 1

REID BRENNEN CATT
NUMBER
PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	25

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES, MULTIPY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	STATE PLANE, MISSOURI WEST
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD 1988
GEOID MODEL	JASPER COUNTY
ELEVATIONS DETERMINED BY	GPS OBSERVATIONS
PROJECT PROJECTION FACTOR	1.00010426

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	NAD 1983
CONTROL STATION	JS 008
DESIGNATION	JS 008
CORS_ID	
PID	HE1217
LATITUDE	37°05'05.64185"
LONGITUDE	94°33'21.85305"
NORTHING (M)	101892.4830
EASTING (M)	845014.9370
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99989575

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #GPS 5213
N 334037.93 X 0.99989575 = N 334003.1065
E 2774742.40 X 0.99989575 = E 2774453.133

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
BENCHMARKS								
5	257+23.78	RTE 66	74.68 RT	334,104.83	2,780,296.00	1,017.85	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5033
	9+31.82	RTE 66	41.29 LT	334,028.39	2,786,153.75	991.08	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5050
PROJECT CONTROL POINTS								
	201+66.15	RTE 66	186.27 RT	334,037.93	2,774,742.40	1,032.71	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5213
	230+99.73	RTE 66	53.50 RT	334,219.70	2,777,674.58	1,040.68	SET 1/2" REBAR AND ALUM. CTL. PT. CAP	GPS #5201
	29+95.17	RTE 66	192.61 LT	334,153.01	2,788,218.84	975.37	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5046
	59+11.54	RTE 66	66.97 LT	333,993.40	2,791,133.06	1,055.94	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5021
	7+31.46	RTE 66	58.56 LT	333,969.67	2,793,792.12	1,055.15	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5017
	24+49.39	RTE 66	140.84 RT	333,950.62	2,795,497.77	1,059.92	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5038
ALIGNMENTS								
* ROUTE 66								
	231+53.75	CL		334271.3428	2777730.2839		PT POINT	
	269+98.80	CL		334133.4331	2781572.8664		PI POINT	
	279+99.60	CL		334095.8739	2782572.9613		PI POINT	
	305+27.30	CL		334002.7564	2785098.9450		PI POINT	
MAIDEN LANE								
	5+75.00	CL		334617.4060	2779937.3026		BEGIN CHAIN MAIDEN LANE	
	14+25.00	CL		333767.8926	2779908.5456		END CHAIN MAIDEN LANE	
HARLEM AVE								
	0+00.00	CL		334179.8771	2780278.7974		BEGIN CHAIN HARLEM AVE	
	4+31.51	CL		333748.6600	2780262.9715		END CHAIN HARLEM AVE	
PORTER AVE N								
	0+00.00	CL		334667.4360	2780677.2165		BEGIN CHAIN PORTER AVE N	
	5+01.54	CL		334166.2467	2780658.5810		END CHAIN PORTER AVE S	
PORTER AVE S								
	0+00.00	CL		334166.2467	2780658.5810		BEGIN CHAIN PORTER AVE S	
	4+32.62	CL		333733.9140	2780642.7885		END CHAIN PORTER AVE S	
EMPIRE AVE N								
	0+00.00	CL		334711.4361	2781059.2179		BEGIN CHAIN EMPIRE AVE N	
	5+59.21	CL		334152.6290	2781038.0106		END CHAIN EMPIRE AVE N	
EMPIRE AVE S								
	0+00.00	CL		334152.6290	2781038.0106		BEGIN CHAIN EMPIRE AVE S	
	4+32.94	CL		333719.9573	2781022.7267		END CHAIN EMPIRE AVE S	
PICHER AVE N								
	0+00.00	CL		334693.5085	2781495.3425		BEGIN CHAIN PICHER AVE N	
	5+56.93	CL		334136.9170	2781475.7955		END CHAIN PICHER AVE N	
PICHER AVE S								
	0+00.00	CL		334139.2670	2781410.3168		BEGIN CHAIN PICHER AVE S	
	4+78.86	CL		333660.7165	2781393.1680		END CHAIN PICHER AVE S	
MURPHY AVE								
	0+00.00	CL		334127.3287	2781735.41		BEGIN CHAIN MURPHY AVE	
	4+32.55	CL		333695.0495	2781720.2105		END MURPHY AVE	
GRAY AVE								
	0+00.00	CL		334677.4431	2781934.9250		BEGIN CHAIN GRAY AVE	
	5+57.22	CL		334120.5653	2781915.4991		END CHAIN GRAY AVE	
CHESTNUT AVE								
	0+00.00	CL		334115.0962	2782061.1262		BEGIN CHAIN CHESTNUT AVE	
	4+32.12	CL		333683.2172	2782046.7555		END CHAIN CHESTNUT AVE	
CONNER AVE N								
	0+00.00	CL		334661.3227	2782374.5044		BEGIN CHAIN CONNER AVE N	
	5+57.60	CL		334104.0936	2782354.0924		END CHAIN CONNER AVE N	
CONNER AVE S								
	0+00.00	CL		334102.7950	2782388.6717		BEGIN CHAIN CONNER AVE S	
	4+77.74	CL		333625.3684	2782371.2616		END CHAIN CONNER AVE S	
JACKSON AVE N								
	0+00.00	CL		334591.2082	278758.0039		BEGIN CHAIN JACKSON AVE N	
	5+01.82	CL		334089.6224	2782742.5432		END CHAIN JACKSON AVE N	
JACKSON AVE S								
	0+00.00	CL		334089.6224	2782742.5432		BEGIN CHAIN JACKSON AVE S	
	4+32.20	CL		333657.7805	2782725.0470		END CHAIN JACKSON AVE S	

* FOR PORTIONS OF ROUTE 66 ALIGNMENT OUTSIDE OF J7S3185C, SEE COORDINATE POINT SHEETS FOR RESPECTIVE PROJECT.

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	26

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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105 WEST CAPITOL
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olsson
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CERTIFICATE OF
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PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	STATE PLANE, MISSOURI WEST
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD 1988
GEOID MODEL	JASPER COUNTY
ELEVATIONS DETERMINED BY	GPS OBSERVATIONS
PROJECT PROJECTION FACTOR	1.00010426

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	NAD 1983
CONTROL STATION	JS 008
DESIGNATION	JS 008
CORS_ID	
PID	HE1217
LATITUDE	37°05'05.64185"
LONGITUDE	94°33'21.85305"
NORTHING (M)	101892.4830
EASTING (M)	845014.9370
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99989575

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #GPS 5213
N 334037.93 X 0.99989575 = N 334003.1065
E 2774742.40 X 0.99989575 = E 2774453.133

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION
ALIGNMENTS							
SERGEANT AVE N							
10	0+00.00	CL		334579.4870	2783090.1090		BEGIN CHAIN SERGEANT AVE N
	5+02.34	CL		334077.4892	2783071.6791		END CHAIN SERGEANT AVE N
SERGEANT AVE S							
10	0+00.00	CL		334077.4892	2783071.6791		BEGIN CHAIN SERGEANT AVE S
	4+79.87	CL		333597.9568	2783053.6258		END CHAIN SERGEANT AVE S
MOFFET AVE N							
11	0+00.00	CL		334567.3541	2783420.0862		BEGIN CHAIN MOFFET AVE N
	5+02.37	CL		334065.3125	2783401.9950		END CHAIN MOFFET AVE N
MOFFET AVE S							
11	0+00.00	CL		334065.3125	2783401.9950		BEGIN CHAIN MOFFET AVE S
	4+79.97	CL		333585.6717	2783384.1106		END CHAIN MOFFET AVE S
BYERS AVE N							
11	0+00.00	CL		334553.0654	2783750.1068		BEGIN CHAIN BYERS AVE N
	5+00.25	CL		334053.1304	2783732.4569		END CHAIN BYERS AVE N
BYERS AVE S							
11	0+00.00	CL		334053.1186	2783732.7770		BEGIN CHAIN BYERS AVE S
	4+34.13	CL		333619.3010	2783716.2530		END CHAIN BYERS AVE S
PEARL AVE							
12	0+00.00	CL		334040.5627	2784073.3782		BEGIN CHAIN PEARL AVE
	4+30.64	CL		333610.1842	2784058.2806		END CHAIN PEARL AVE
WALL AVE N							
12	0+00.00	CL		334149.9461	2784426.0823		BEGIN CHAIN WALL AVE N
	1+22.30	CL		334027.7162	2784421.8640		END CHAIN WALL AVE N
WALL AVE S							
12	0+00.00	CL		334027.7424	2784421.1535		BEGIN CHAIN WALL AVE S
	2+16.51	CL		333811.3573	2784413.6859		END CHAIN WALL AVE S
JOPLIN AVE N							
13	0+00.00	CL		335008.1793	2784777.3272		BEGIN CHAIN JOPLIN AVE N
	9+92.89	CL		334015.9263	2784741.6867		END CHAIN JOPLIN AVE N
JOPLIN AVE S							
13	0+00.00	CL		334015.9263	2784741.6867		BEGIN CHAIN JOPLIN AVE S
	4+78.62	CL		333537.6203	2784724.4699		END CHAIN JOPLIN AVE S
MAIN STREET							
14	0+00.00	CL		334504.8068	2785081.8318		BEGIN CHAIN MAIN STREET
	9+31.46	CL		333574.0371	2785046.0494		END CHAIN MAIN STREET

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	27

COUNTY: JASPER

JOB NO.: J7S2185C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

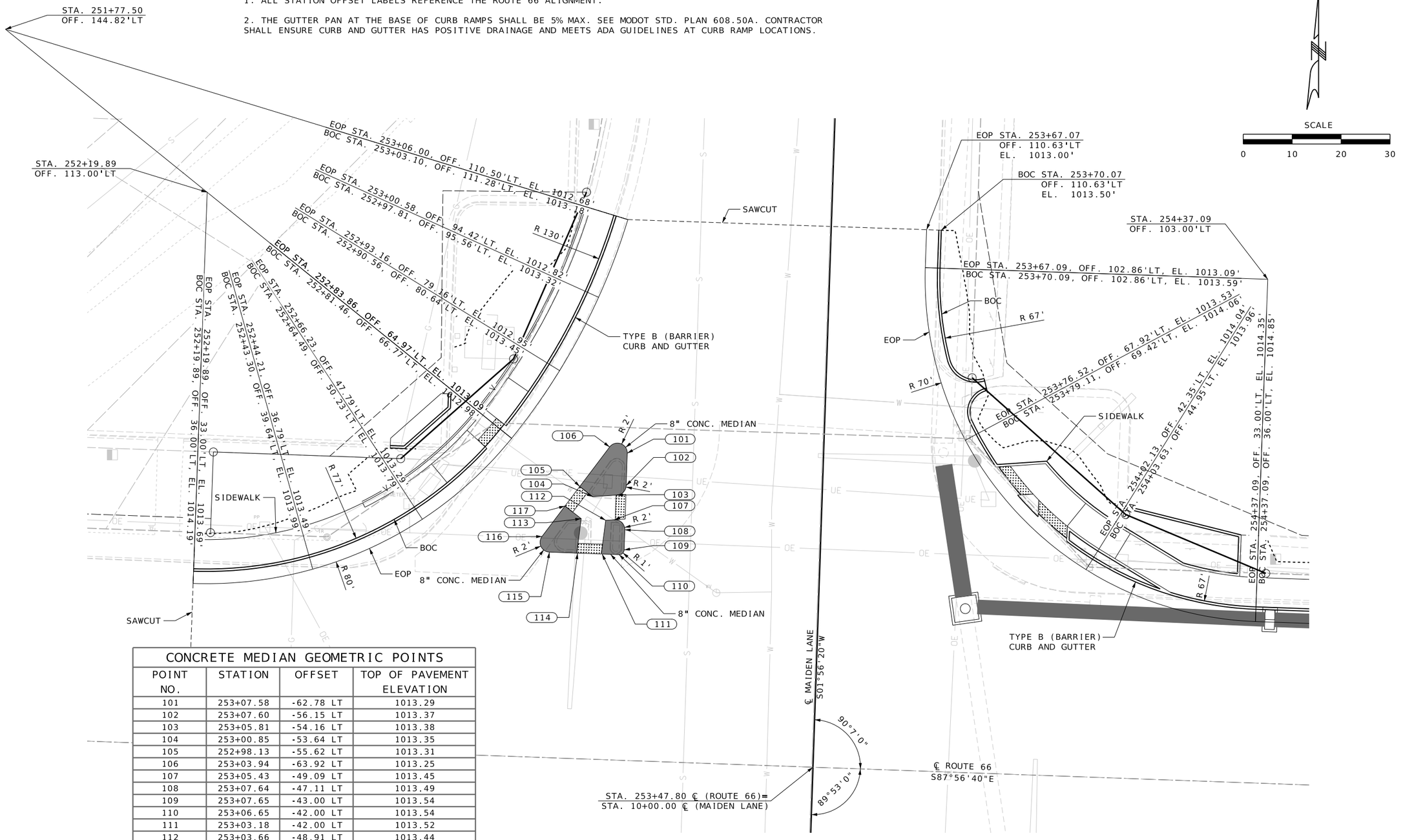
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

COORDINATE POINT SHEET
SHEET 2 OF 2

NOTE:
1. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT.

2. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX. SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS.



CONCRETE MEDIAN GEOMETRIC POINTS

POINT NO.	STATION	OFFSET	TOP OF PAVEMENT ELEVATION
101	253+07.58	-62.78 LT	1013.29
102	253+07.60	-56.15 LT	1013.37
103	253+05.81	-54.16 LT	1013.38
104	253+00.85	-53.64 LT	1013.35
105	252+98.13	-55.62 LT	1013.31
106	253+03.94	-63.92 LT	1013.25
107	253+05.43	-49.09 LT	1013.45
108	253+07.64	-47.11 LT	1013.49
109	253+07.65	-43.00 LT	1013.54
110	253+06.65	-42.00 LT	1013.54
111	253+03.18	-42.00 LT	1013.52
112	253+03.66	-48.91 LT	1013.44
113	252+98.66	-49.06 LT	1013.4
114	252+98.17	-42.00 LT	1013.49
115	252+92.43	-42.00 LT	1013.47
116	252+90.79	-45.14 LT	1013.41
117	252+95.26	-51.52 LT	1013.35

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	28

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
INTERSECTIONS
SHEET 1 OF 79

NOTE:
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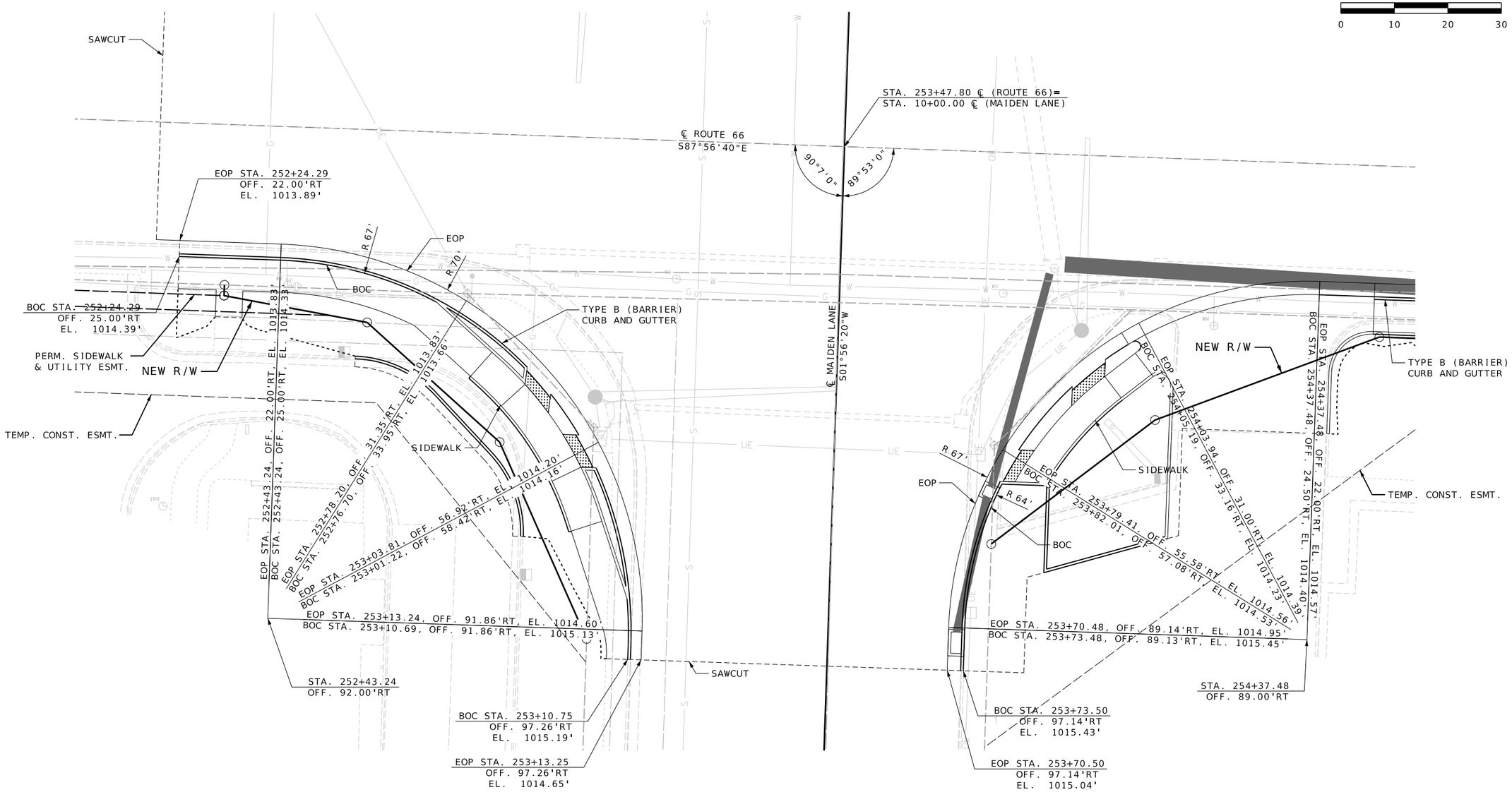

SPECIAL SHEET
INTERSECTIONS
SHEET 2 OF 79

REID BRENNEN CATT
NUMBER
PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	29

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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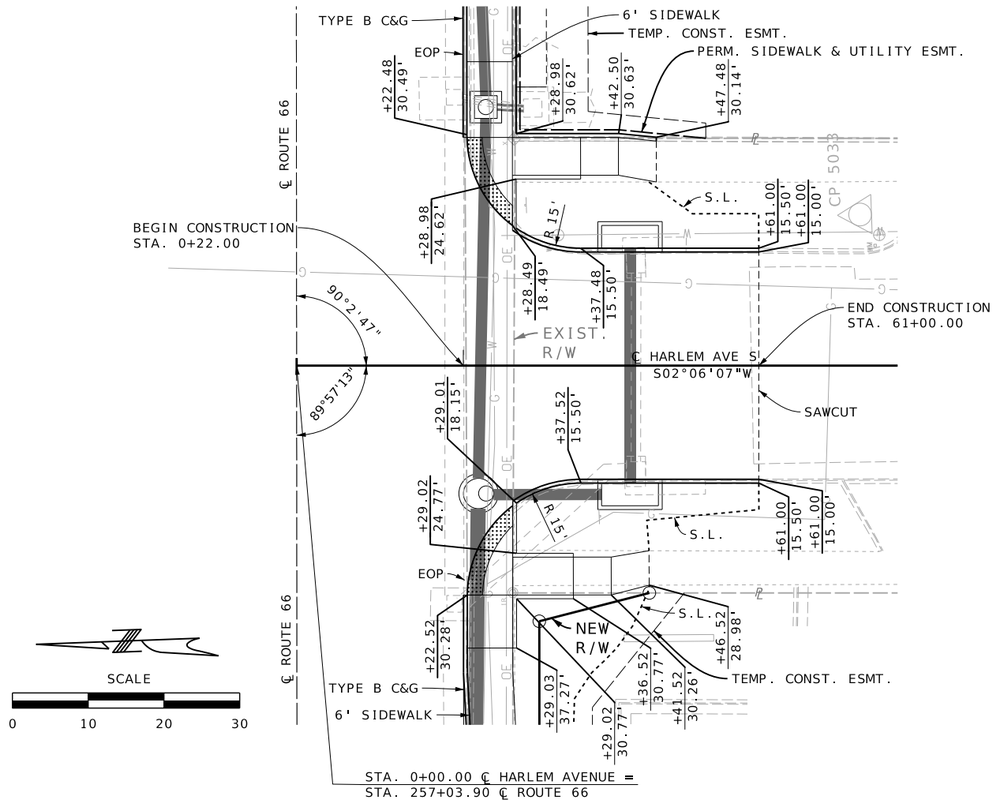

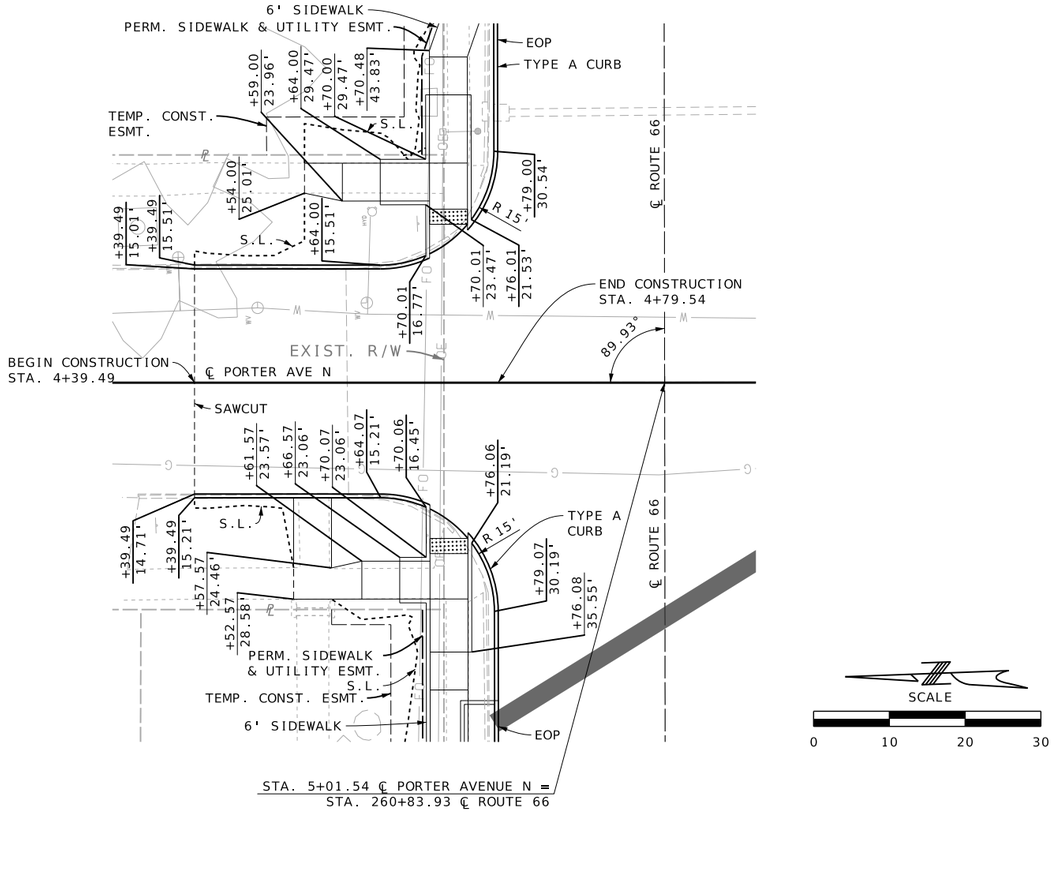

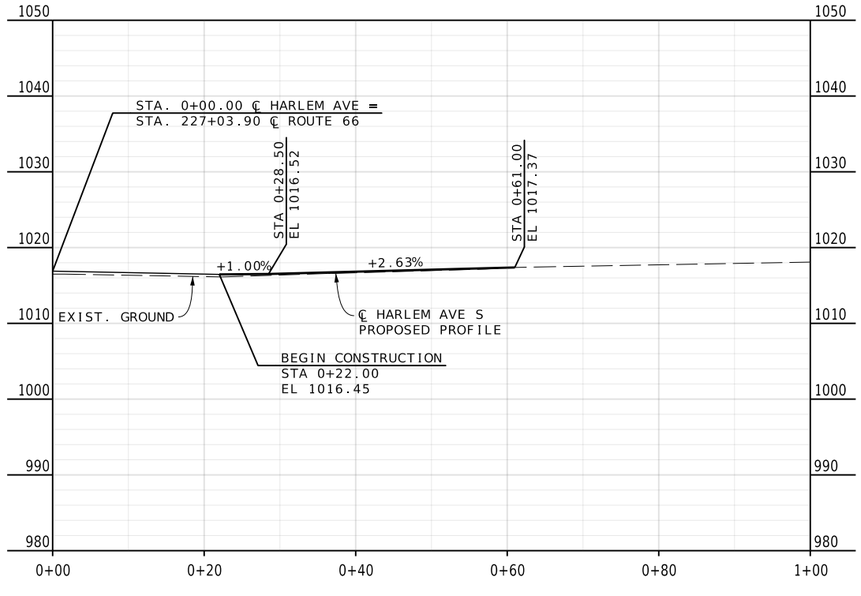

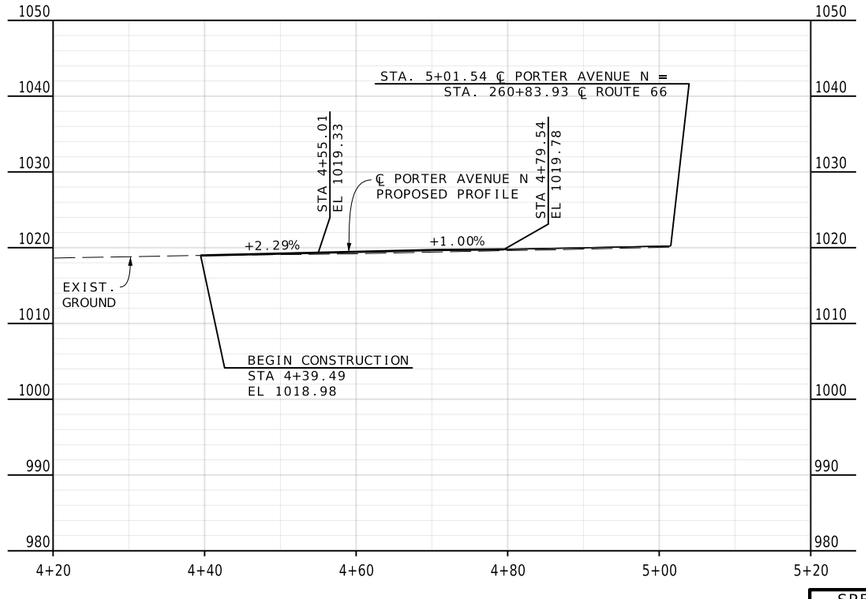

SPECIAL SHEET
SIDE ROADS
SHEET 3 OF 79

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED	8/8/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	30
COUNTY	JASPER
JOB NO.	J7S2185C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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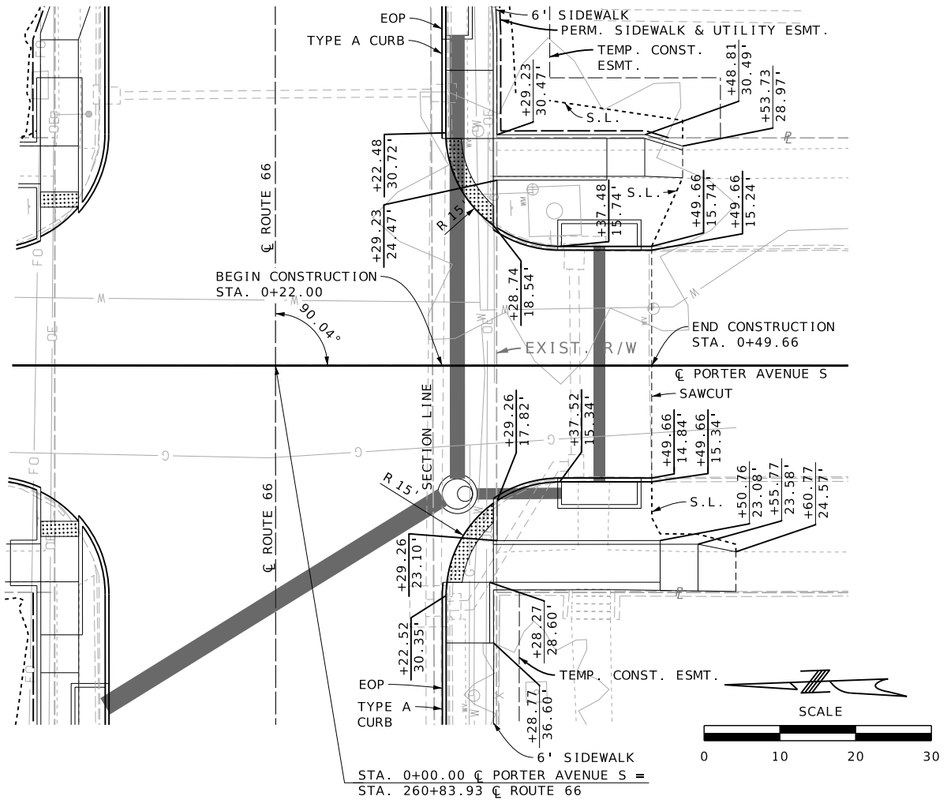

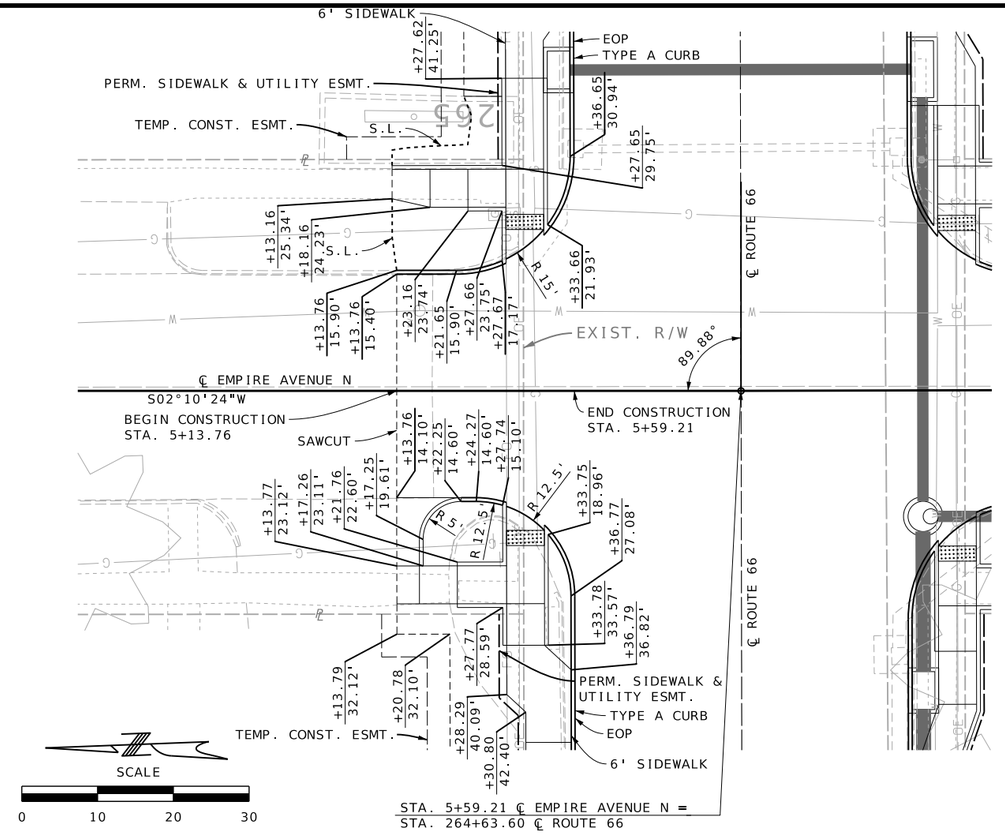

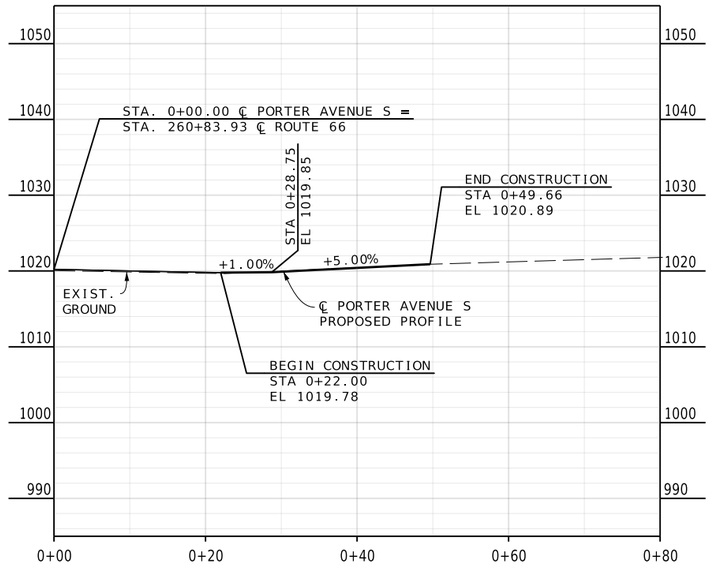

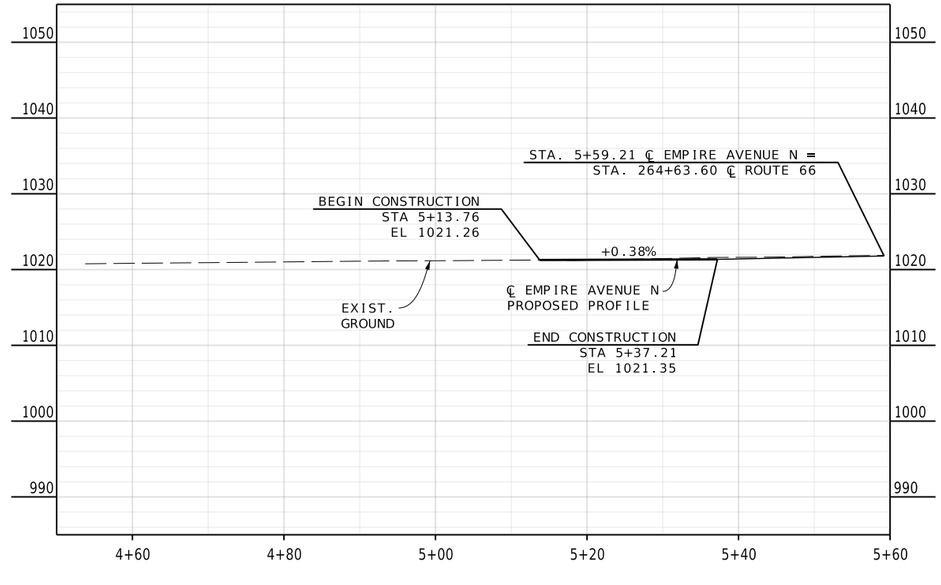

SPECIAL SHEET
SIDE ROADS
SHEET 4 OF 79

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED: 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	31

COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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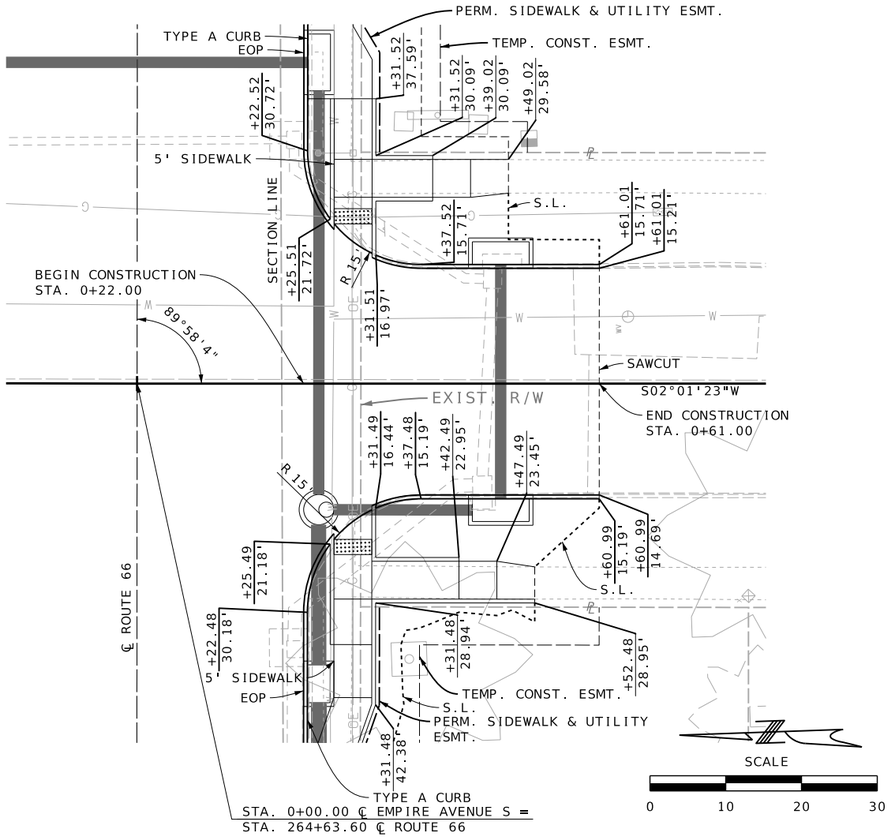

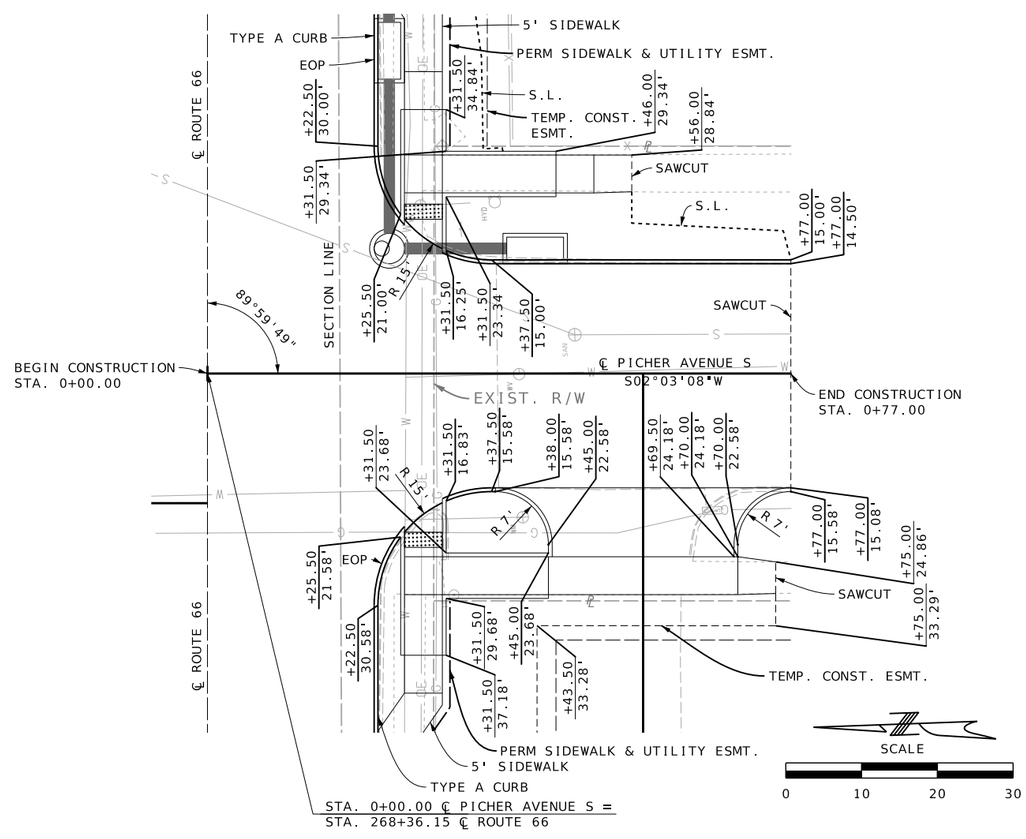

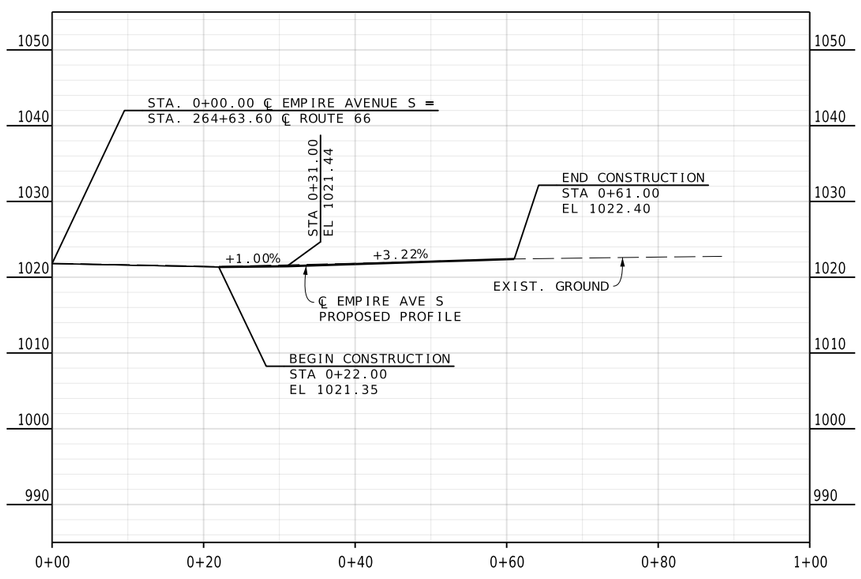

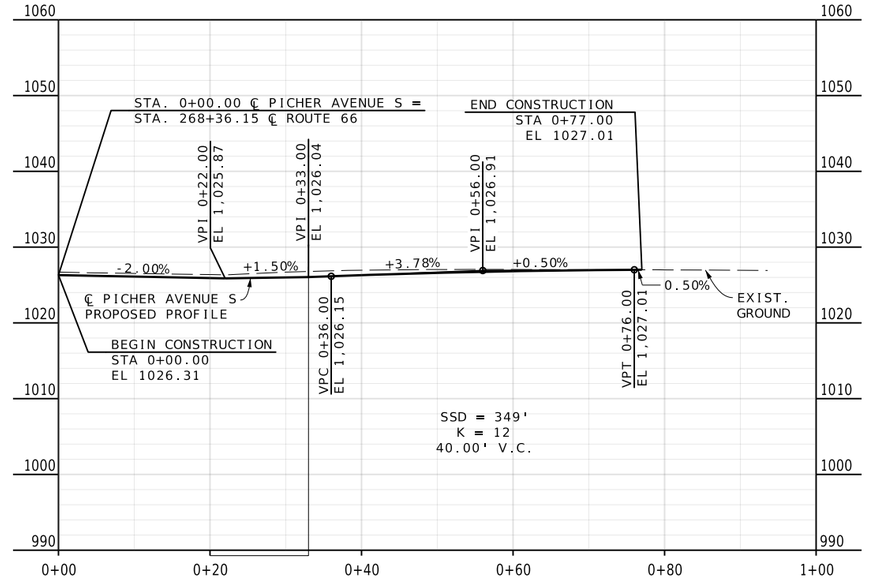

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
8/8/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	32

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
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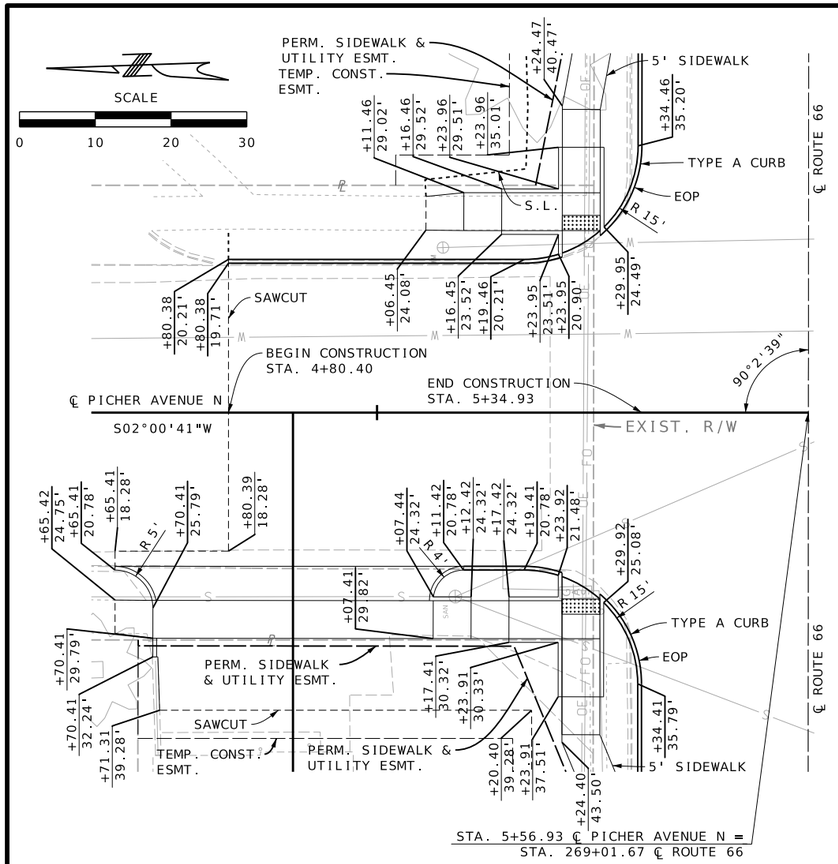
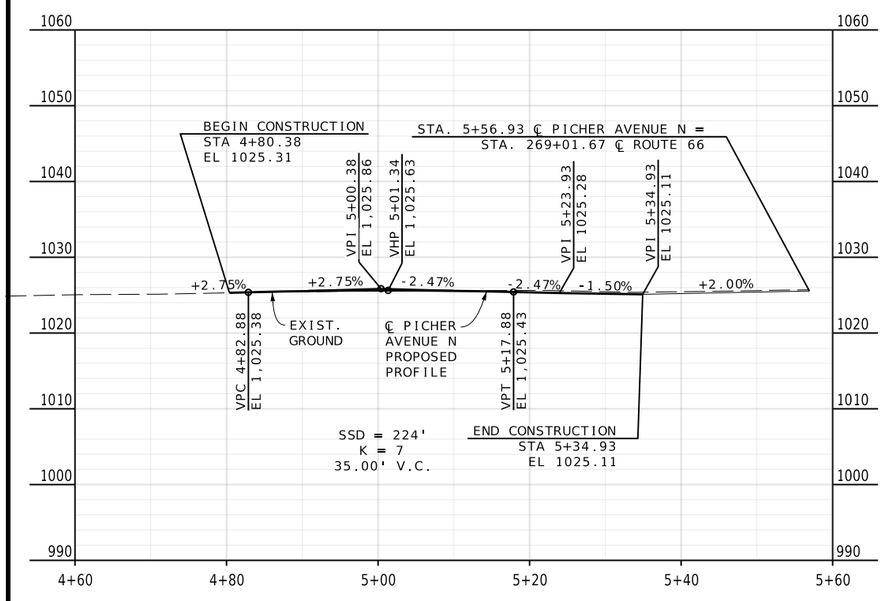
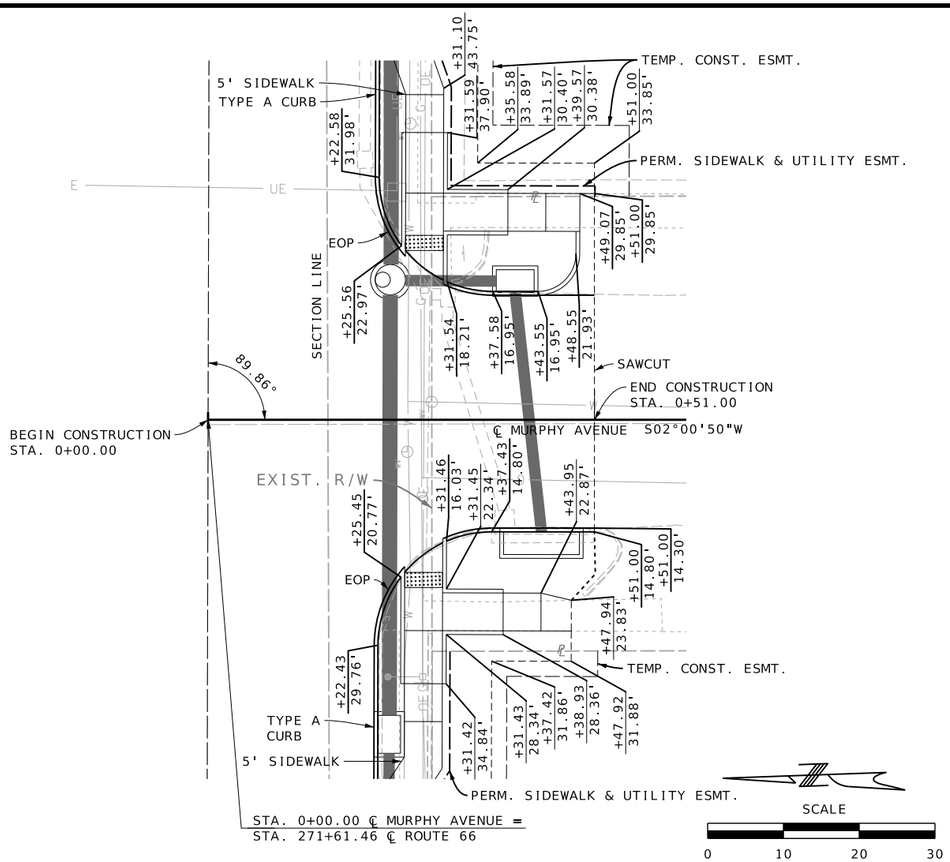
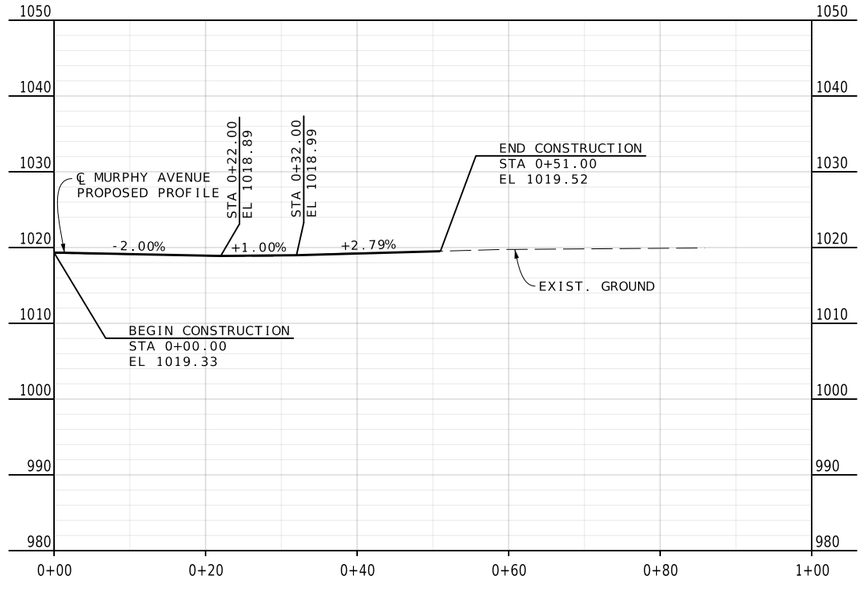
SPECIAL SHEET
SIDE ROADS
SHEET 5 OF 79









SPECIAL SHEET
SIDE ROADS
SHEET 6 OF 79

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	33

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

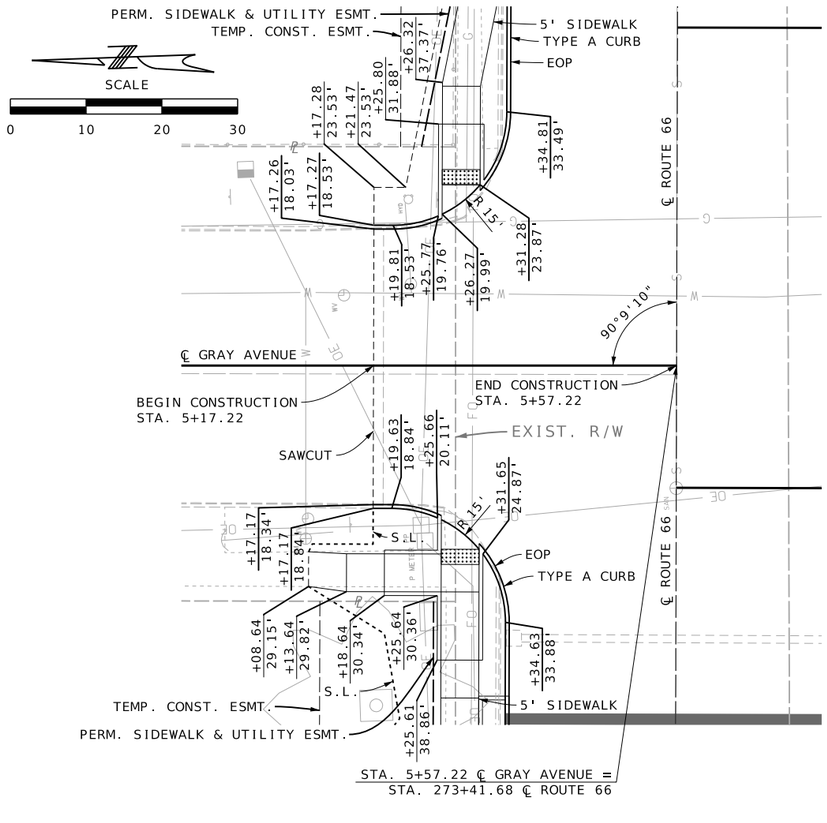
BRIDGE NO.

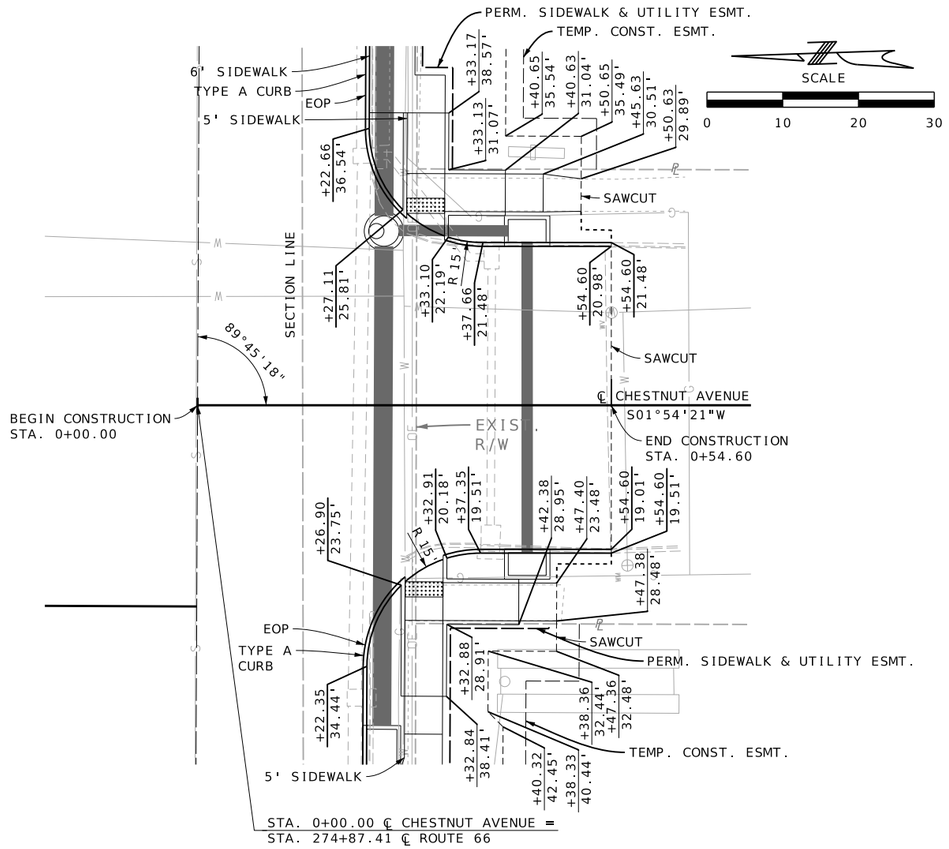
DATE	DESCRIPTION

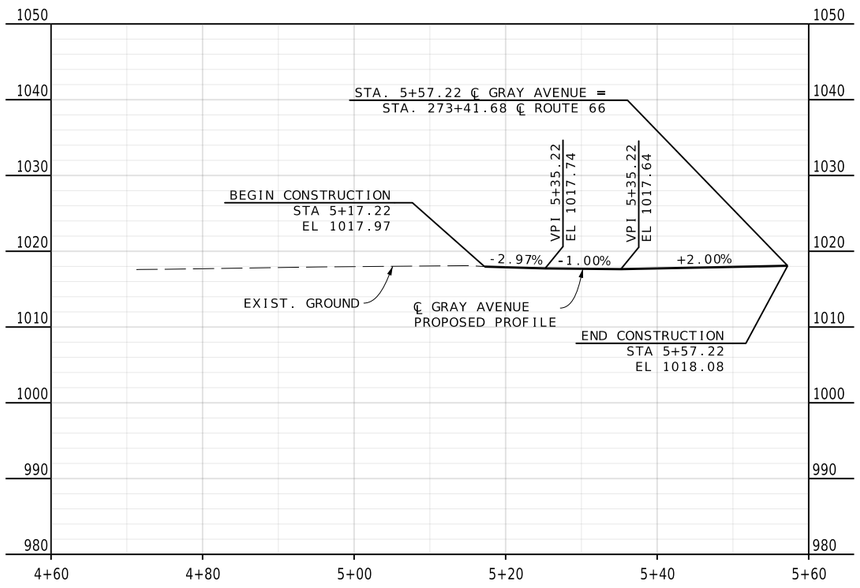
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

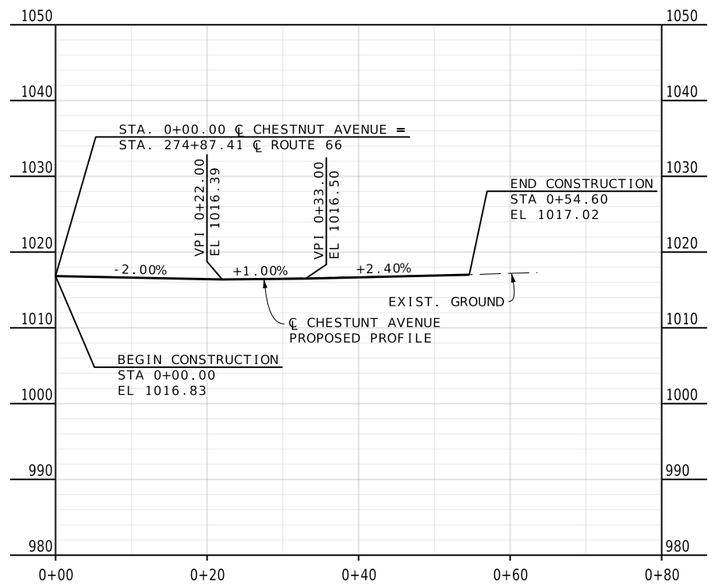
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592









SPECIAL SHEET
SIDE ROADS
SHEET 7 OF 79

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	34

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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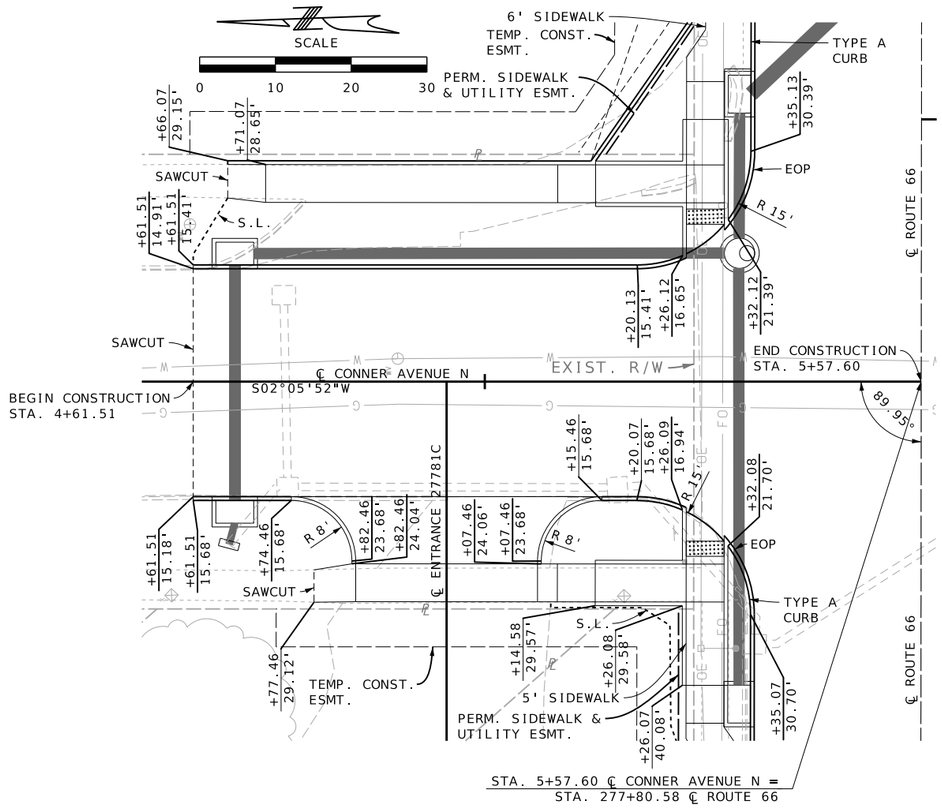
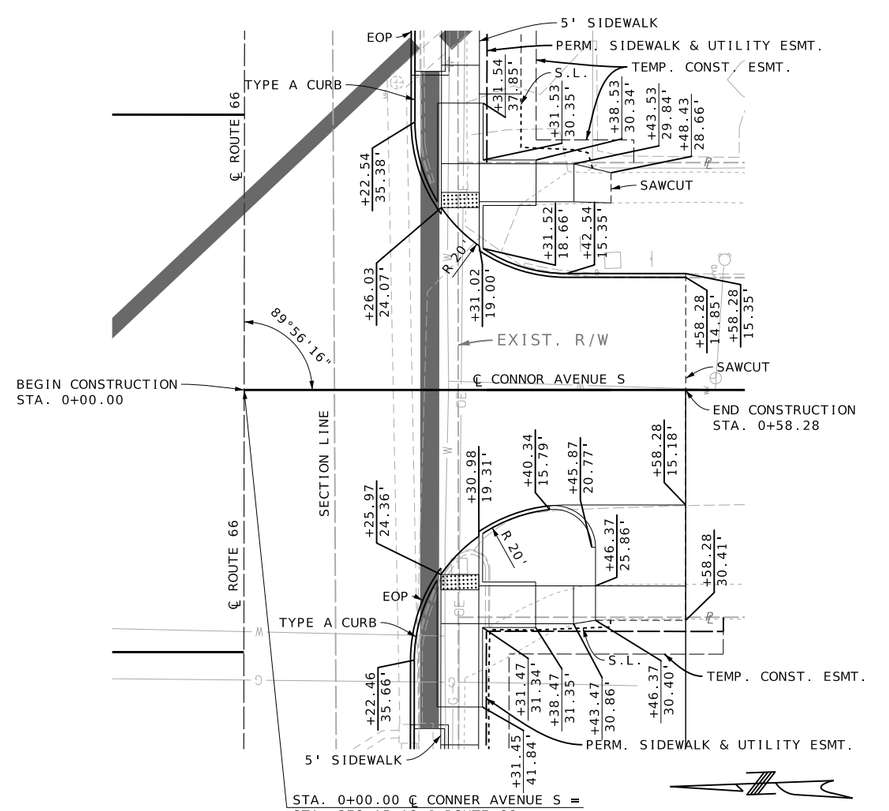
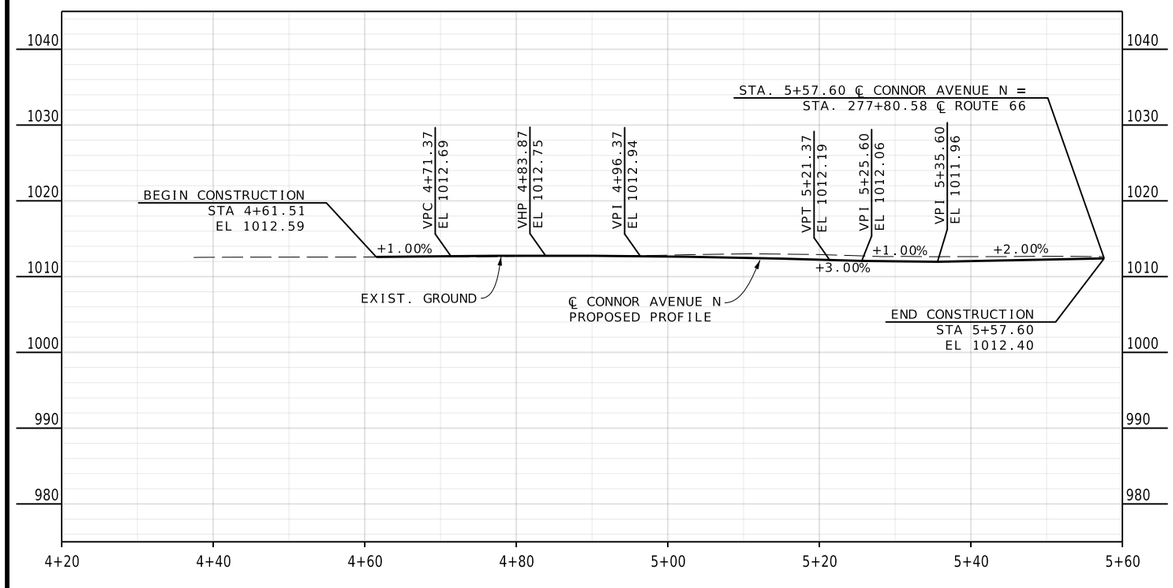
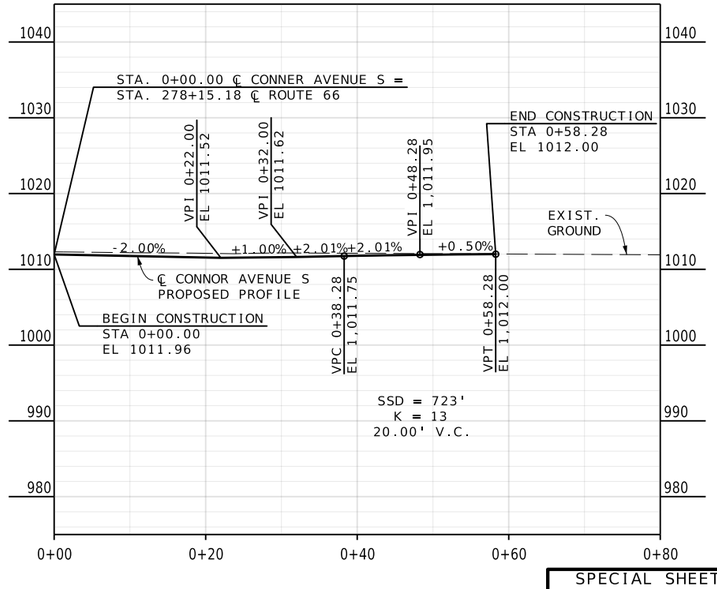
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592









REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	35

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
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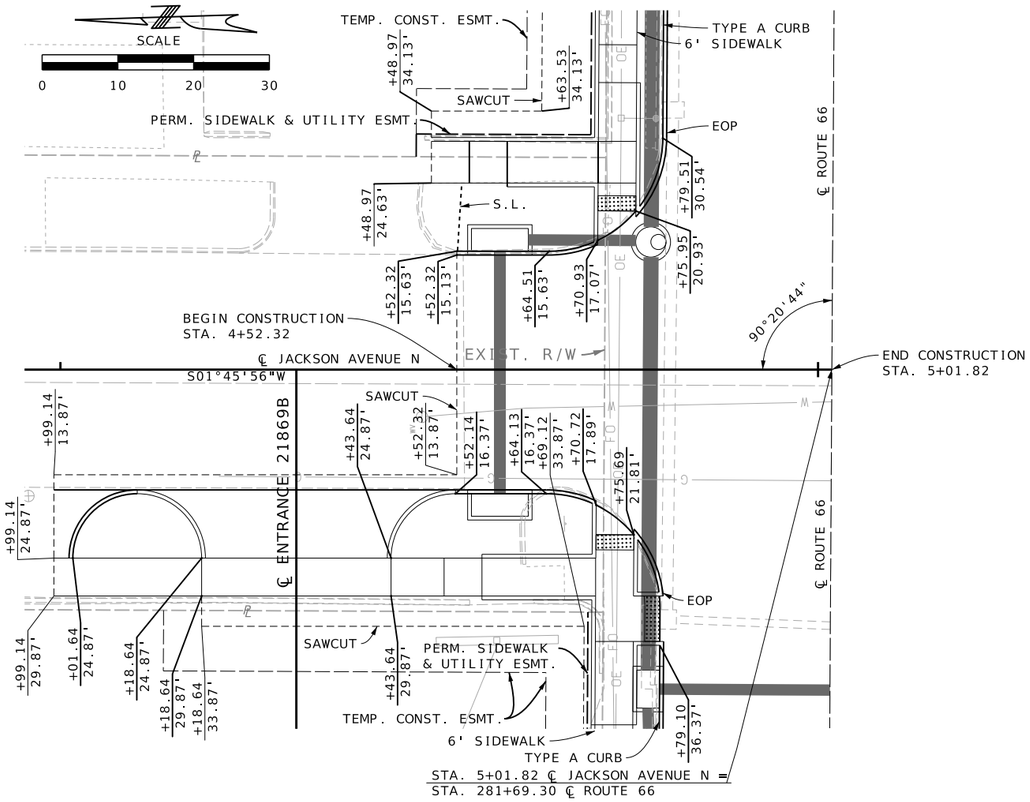
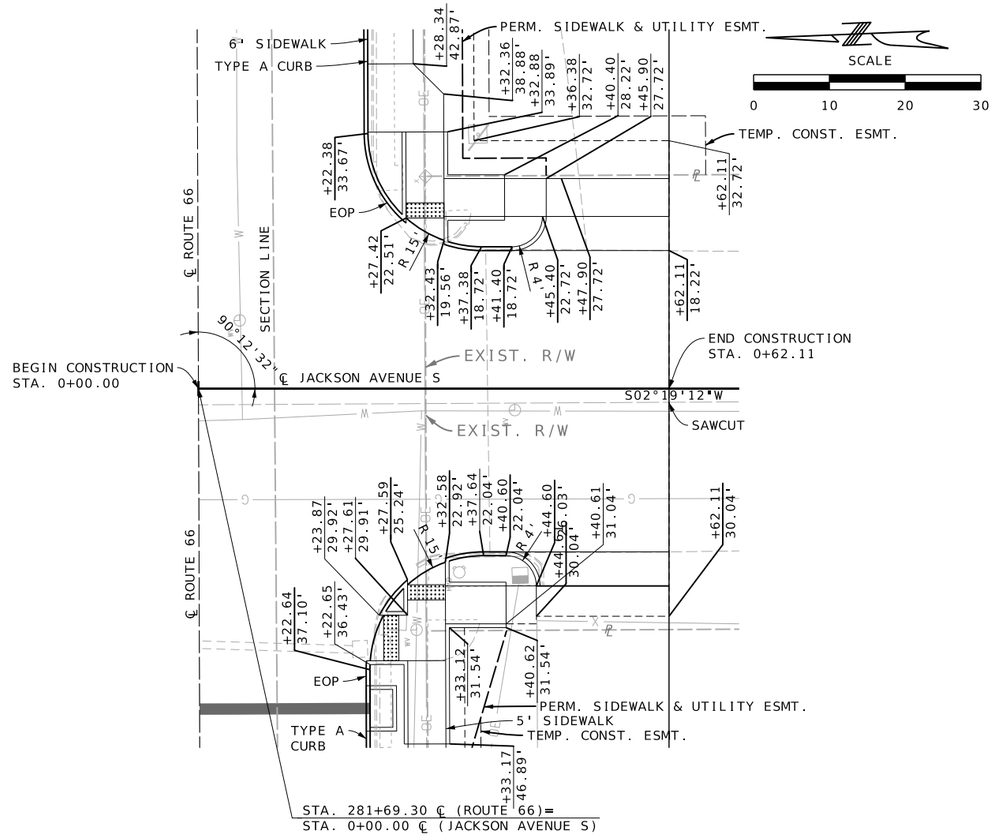
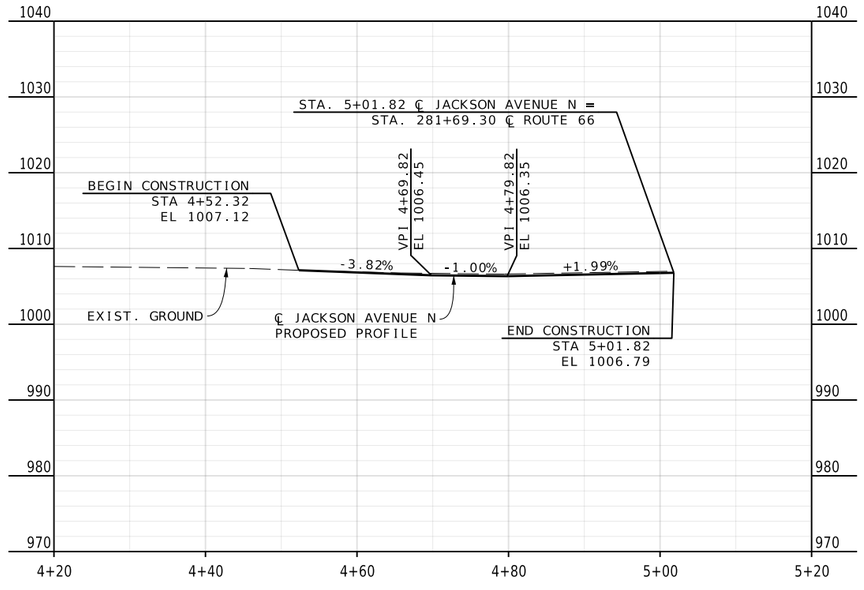
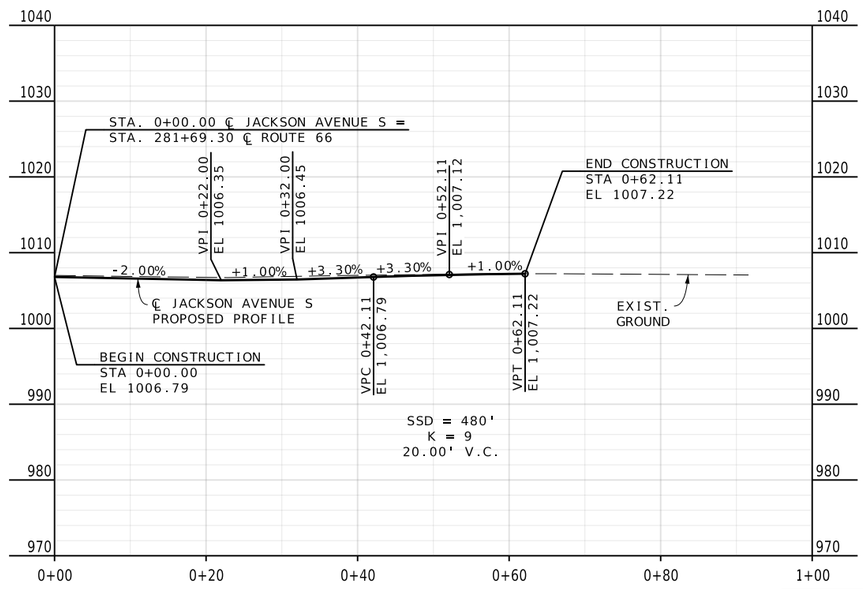
SPECIAL SHEET
SIDE ROADS
SHEET 8 OF 79









REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	36

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

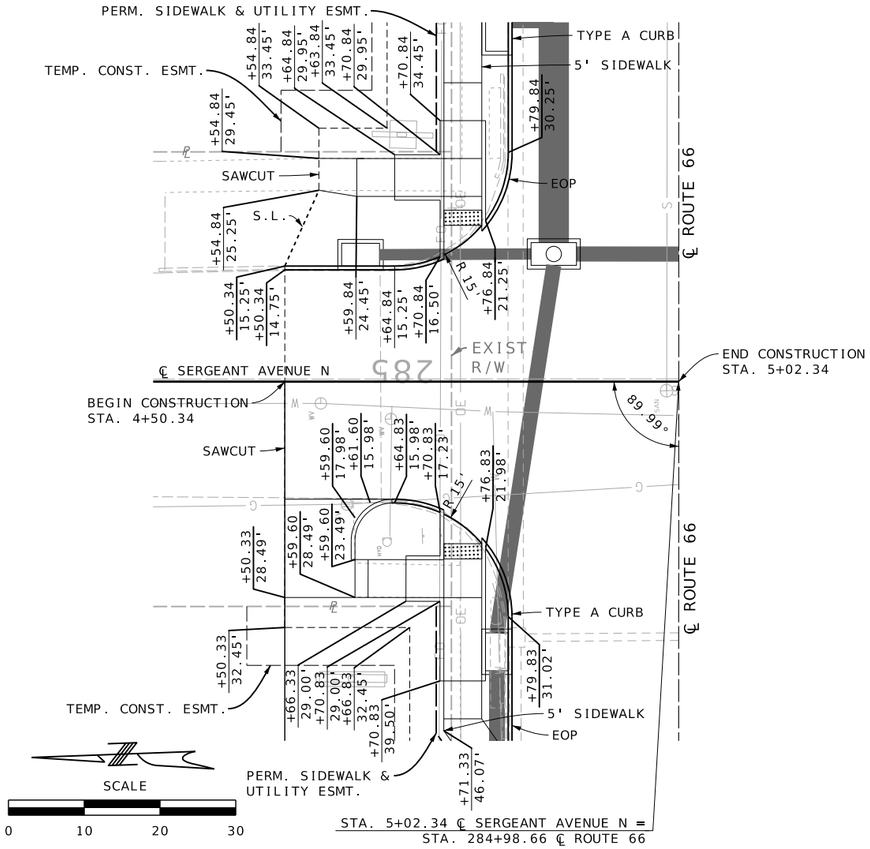
DATE	DESCRIPTION

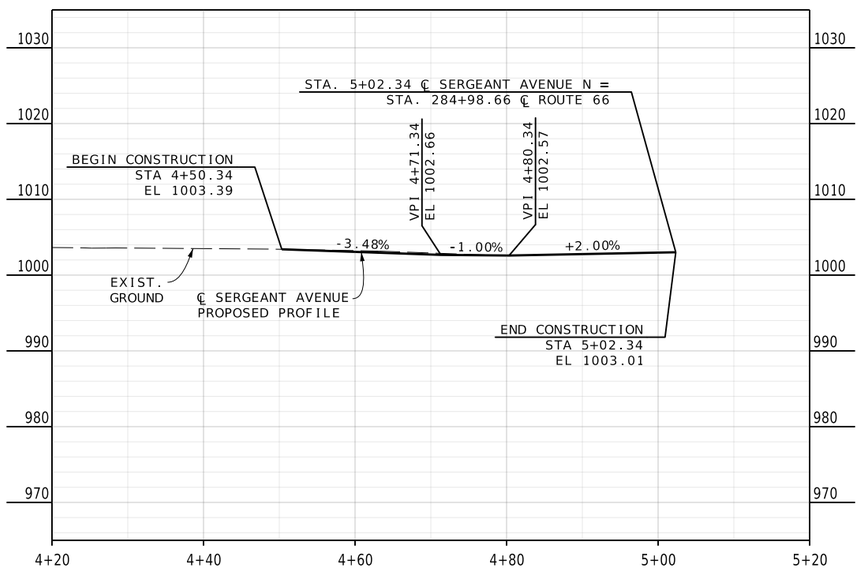
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

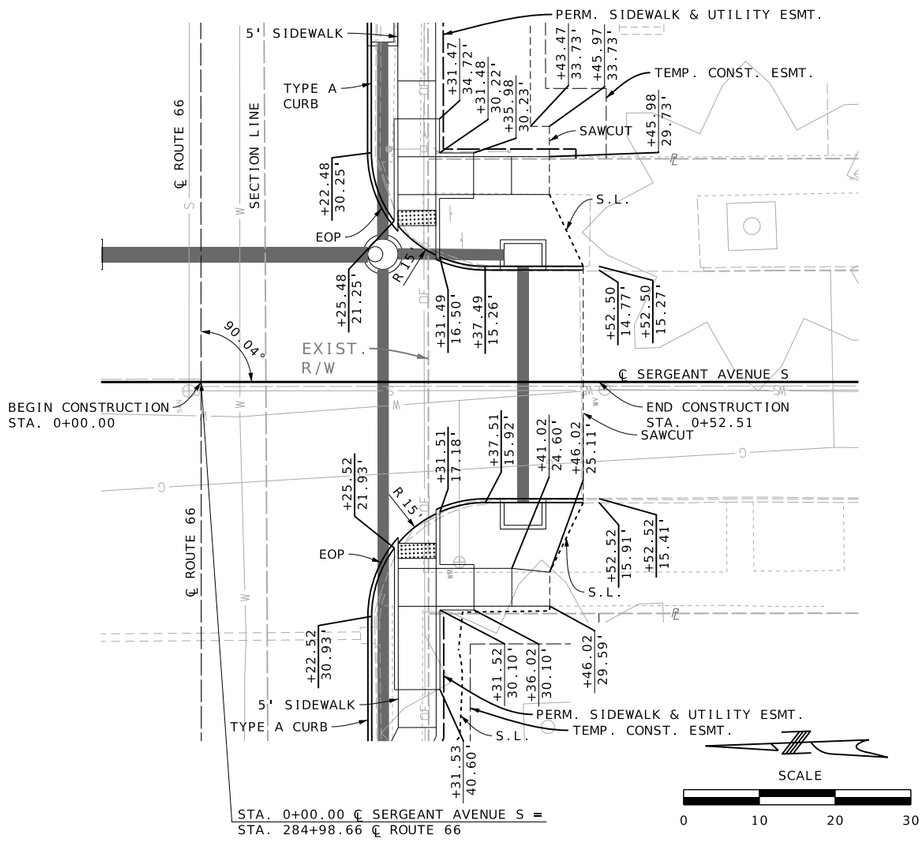
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

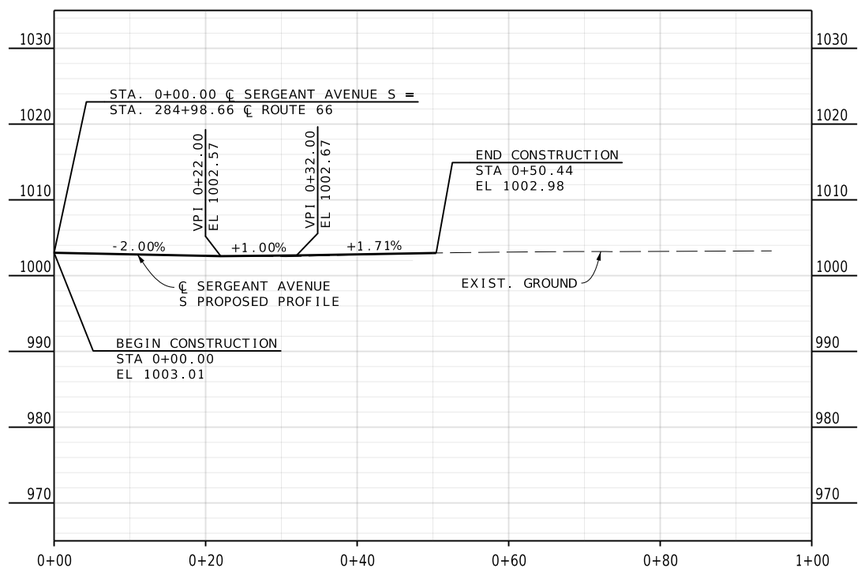
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
SIDE ROADS
SHEET 9 OF 79









REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER MO# PE-2010019516

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
8/8/2025	
ROUTE 66	STATE MO
DISTRICT SW	SHEET NO. 37
COUNTY JASPER	
JOB NO. J7S2185C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
SIDE ROADS
SHEET 10 OF 79

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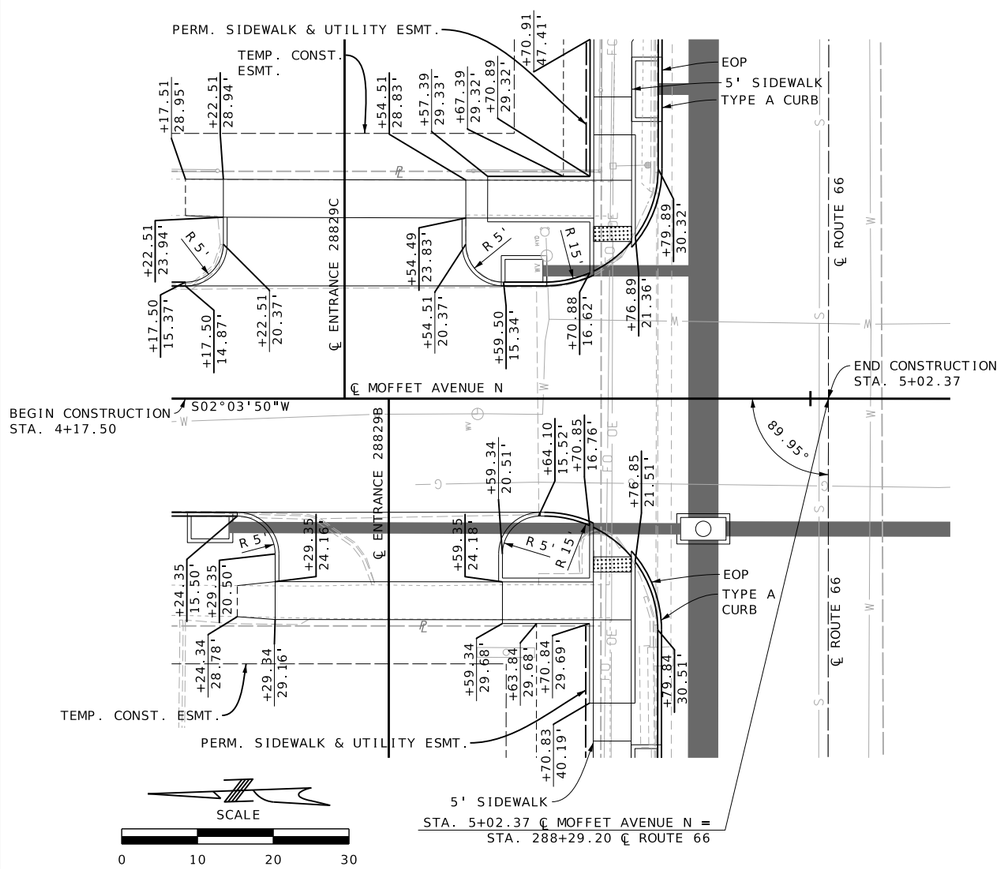

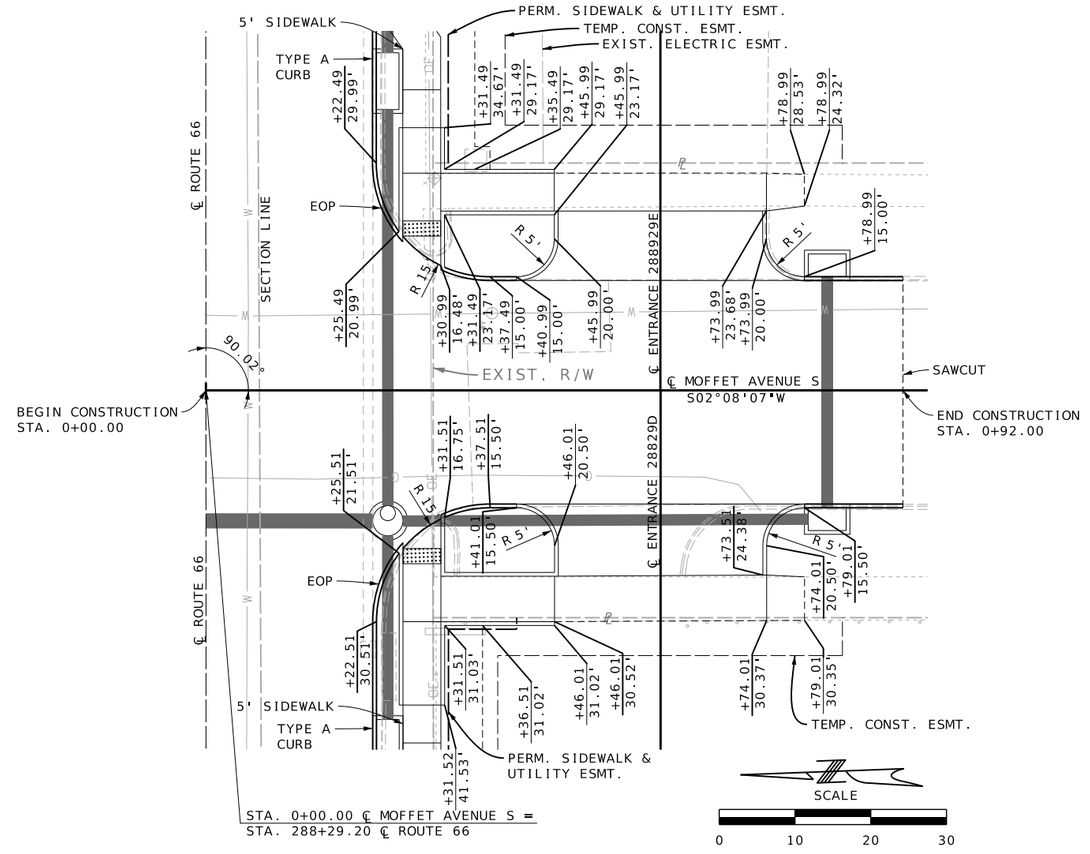

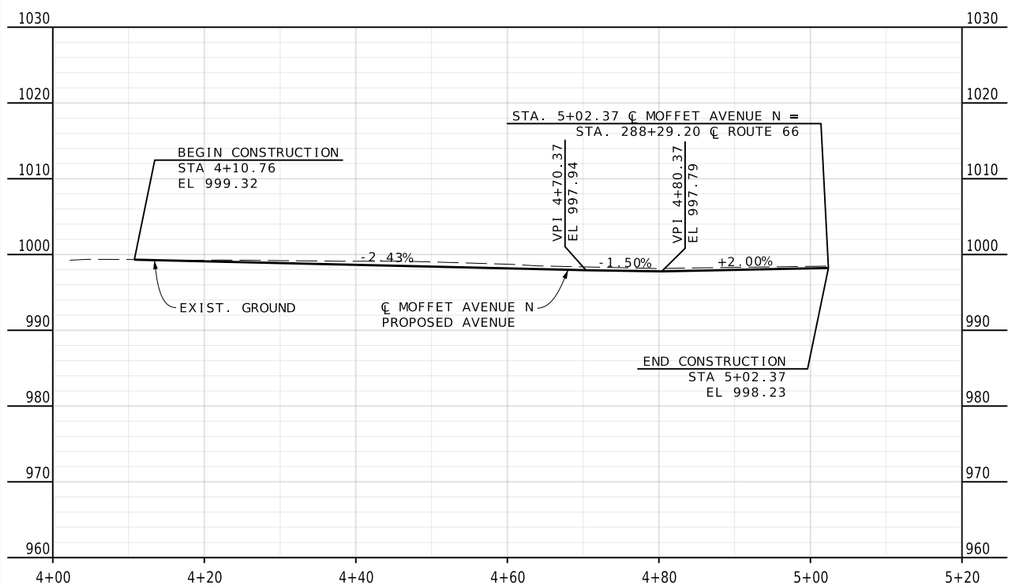

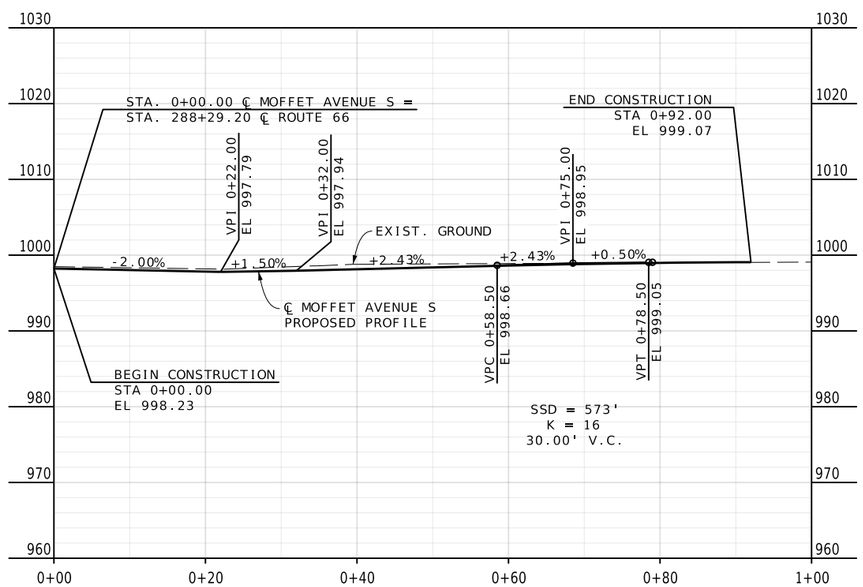

SPECIAL SHEET
SIDE ROADS
SHEET 11 OF 79

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	38

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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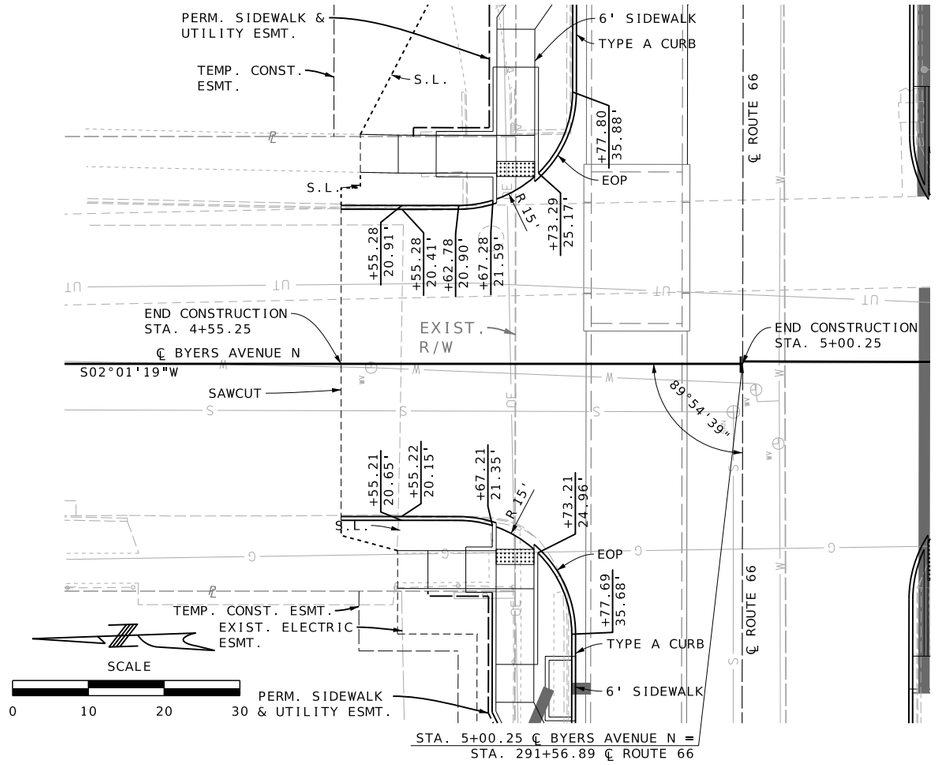

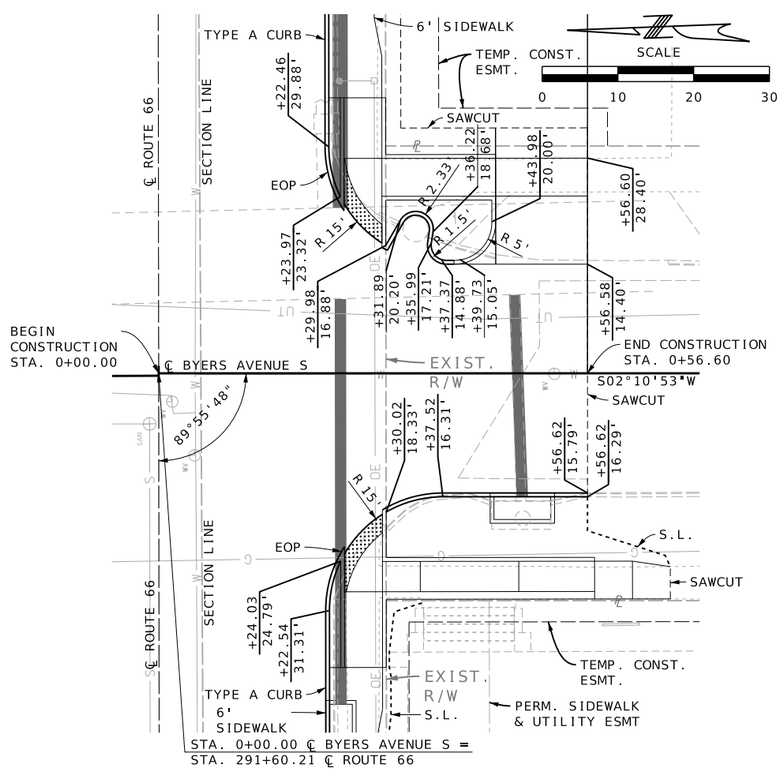

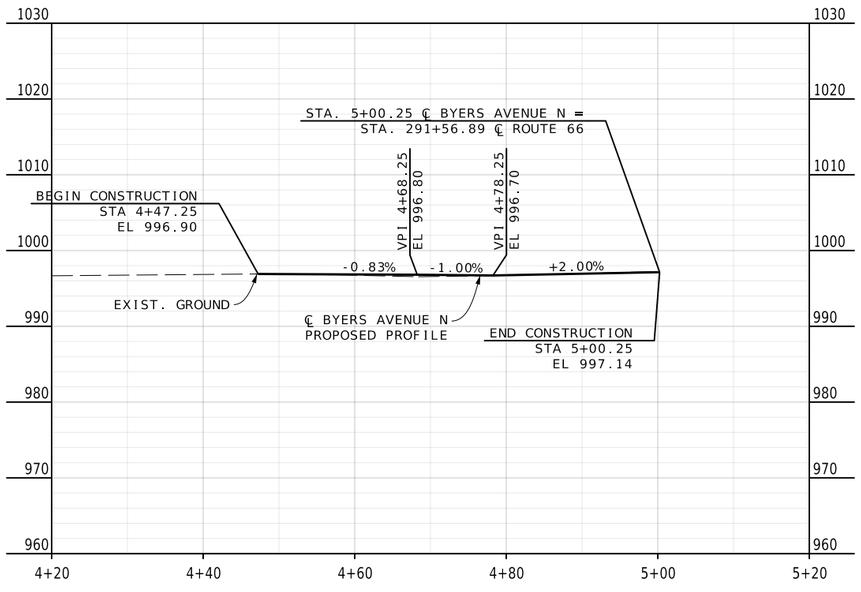

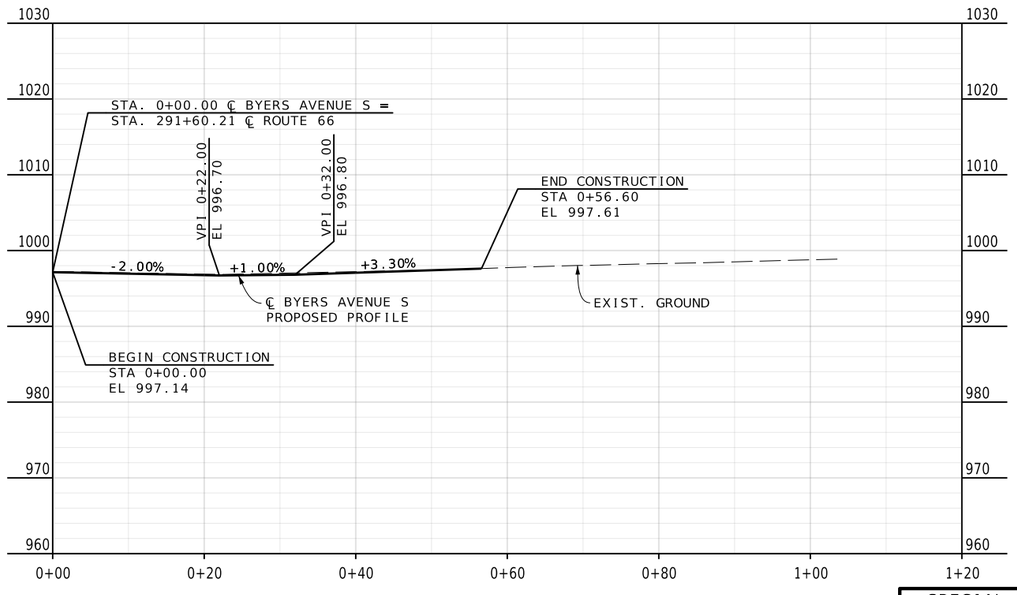

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	39

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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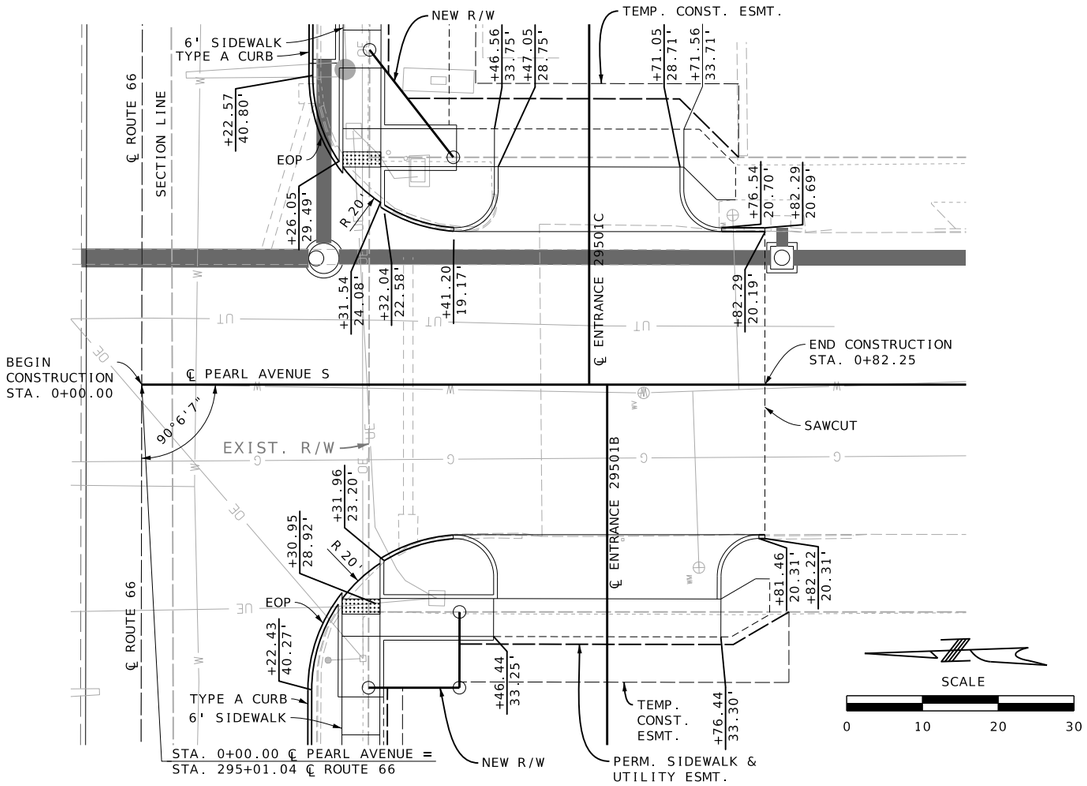
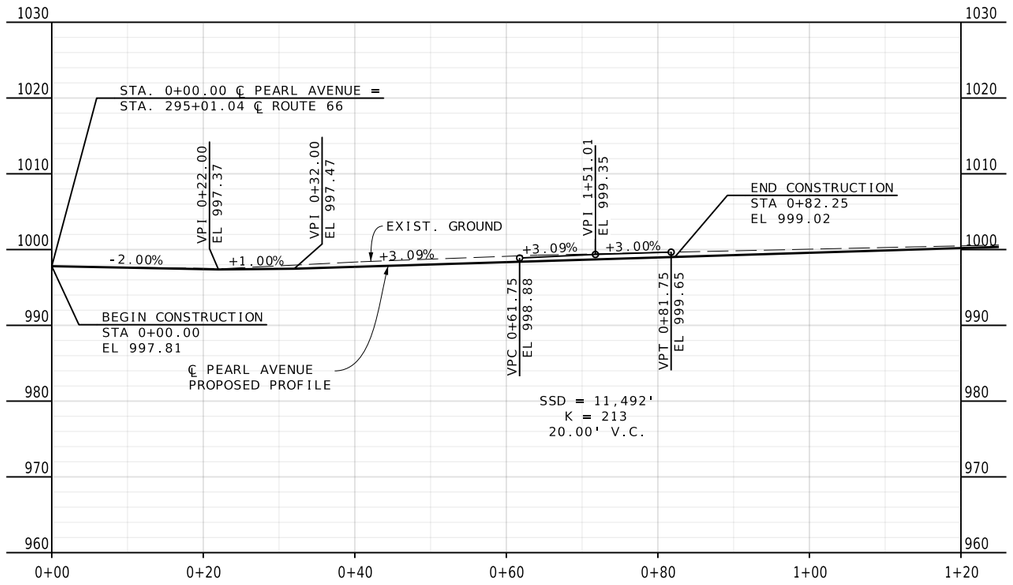
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
SIDE ROADS
SHEET 12 OF 79





REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	40

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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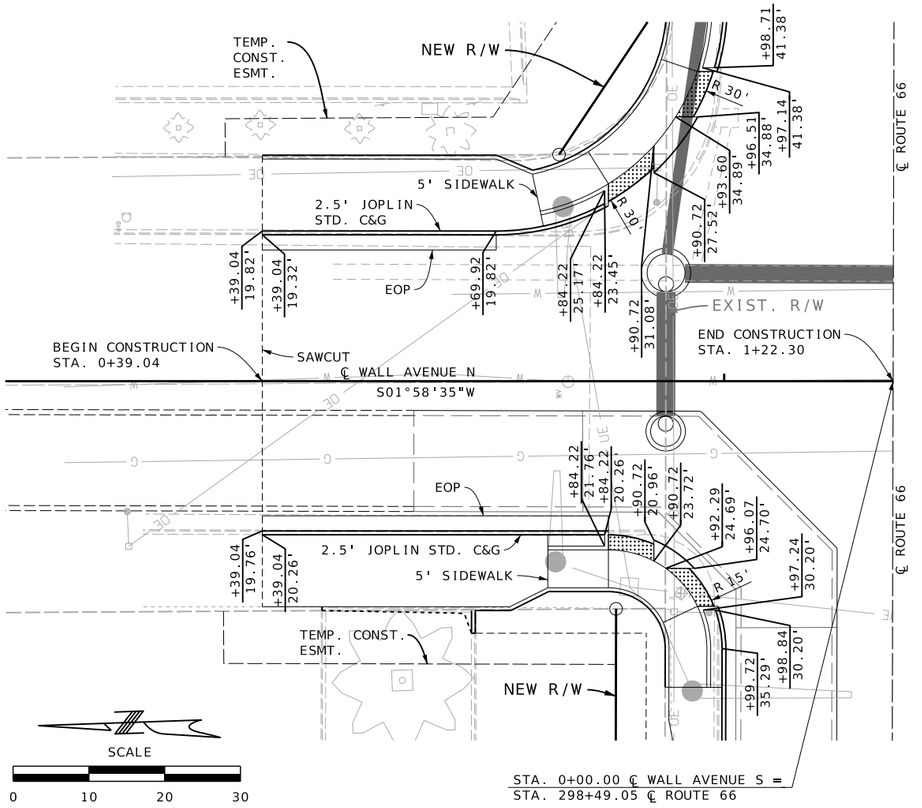
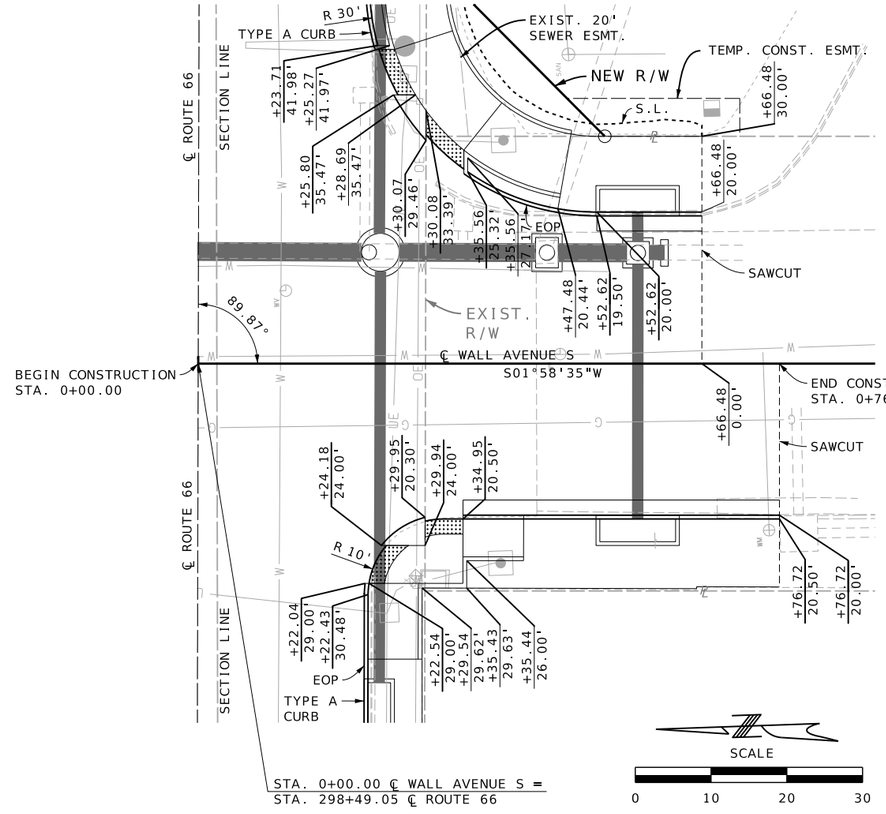
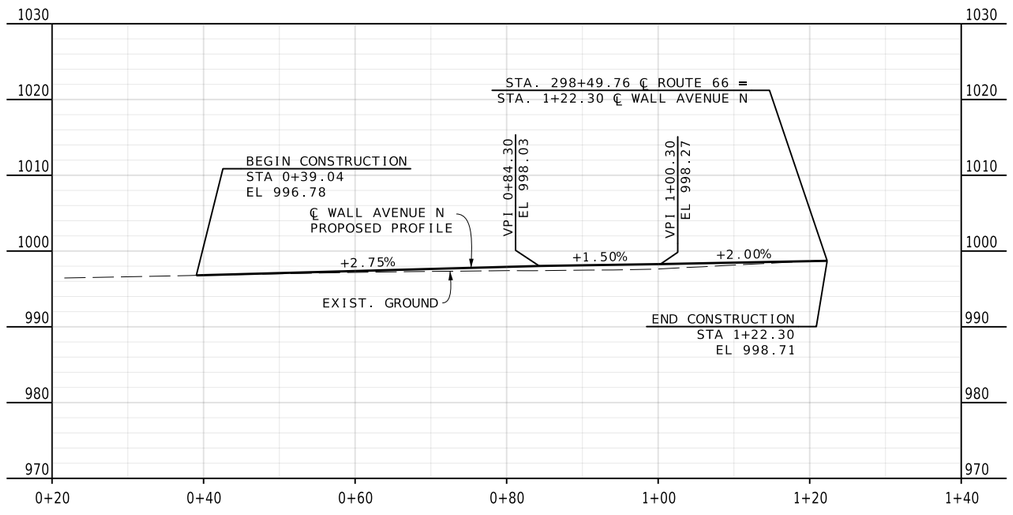
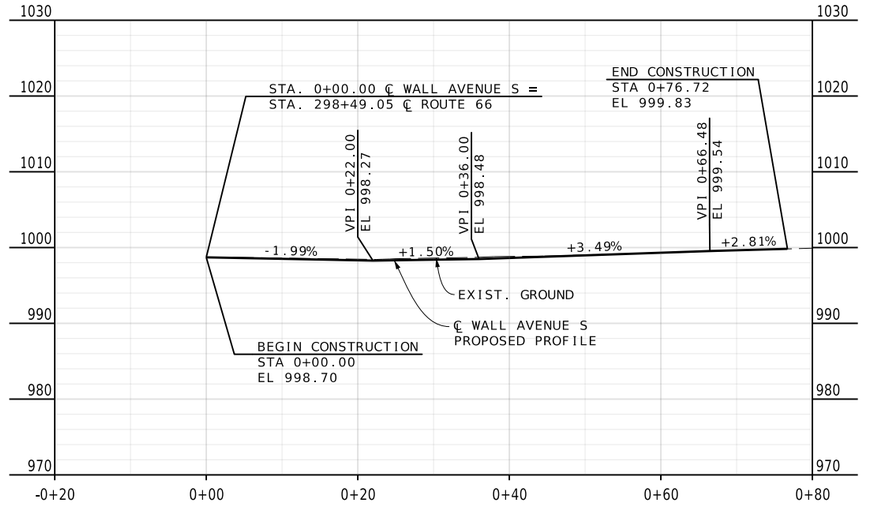
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
SIDE ROADS
SHEET 13 OF 79









SPECIAL SHEET
SIDE ROADS
SHEET 14 OF 79

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	41

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

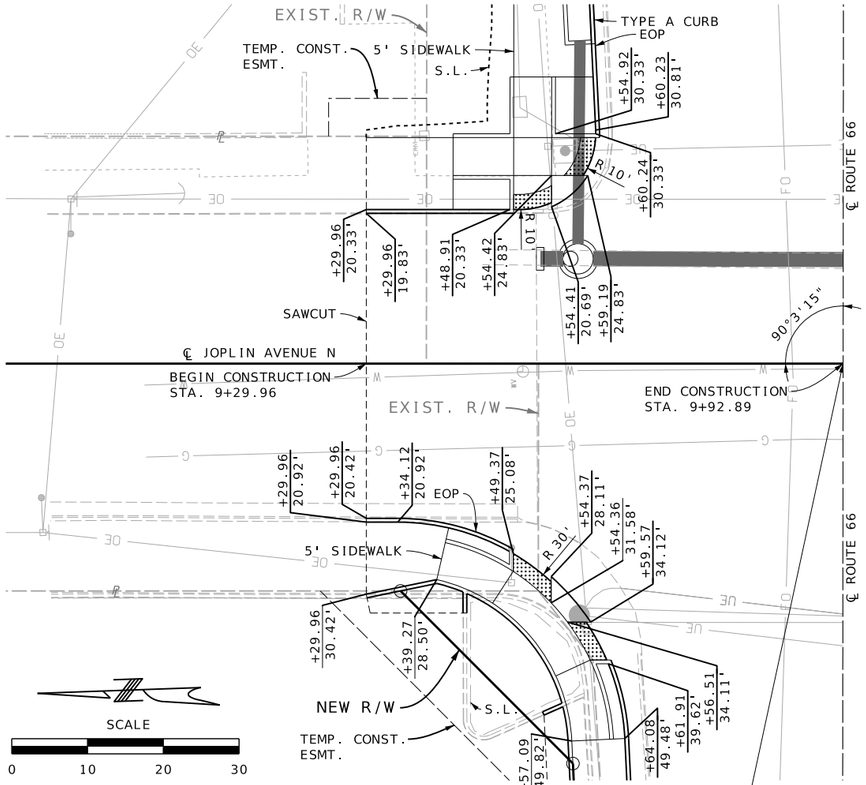
DATE	DESCRIPTION

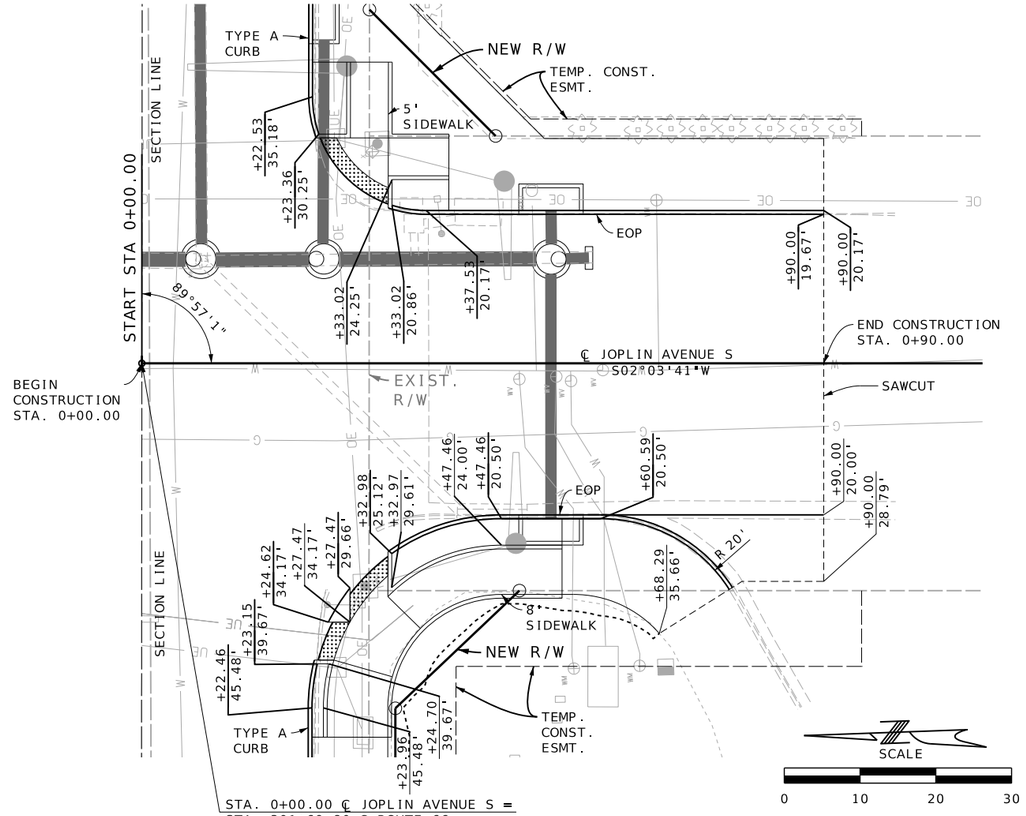
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

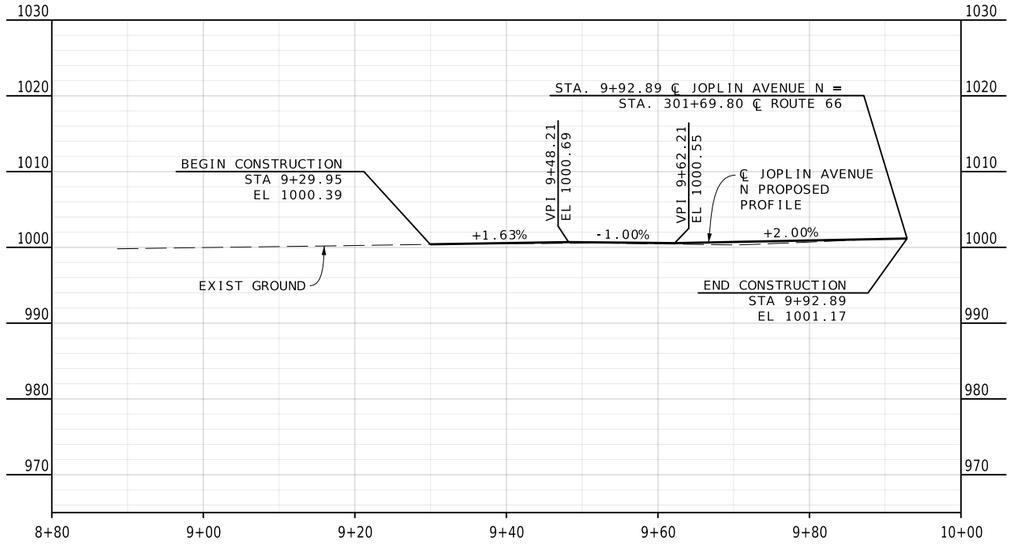
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

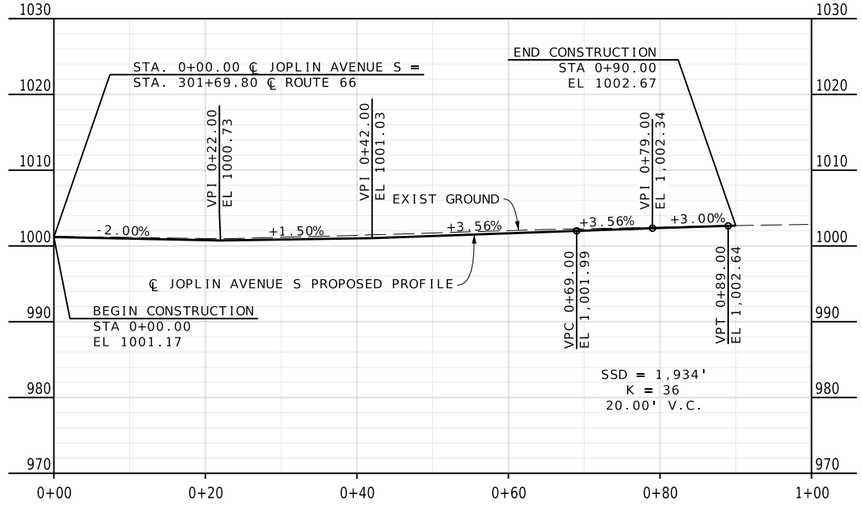
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185C\plan_sheets\8 Special Sheets\041_SS_14_J7S2185C_I10_Side Road.dgn 3:16:25 PM 8/8/2025









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	42

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

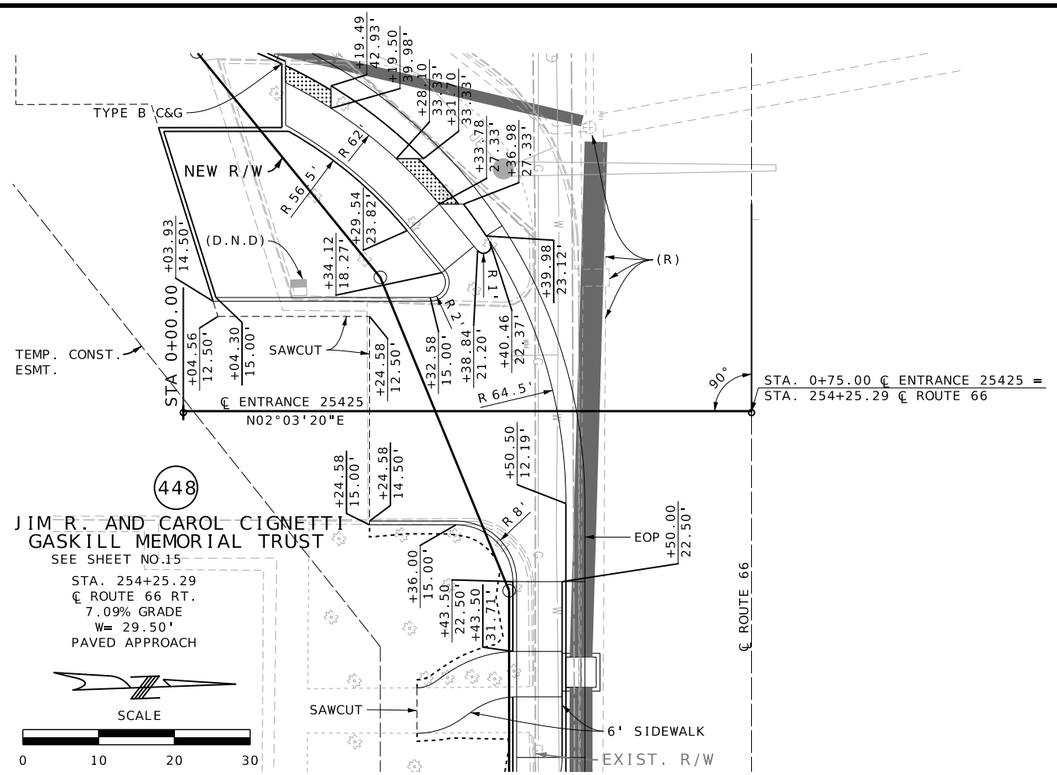
DESCRIPTION	DATE

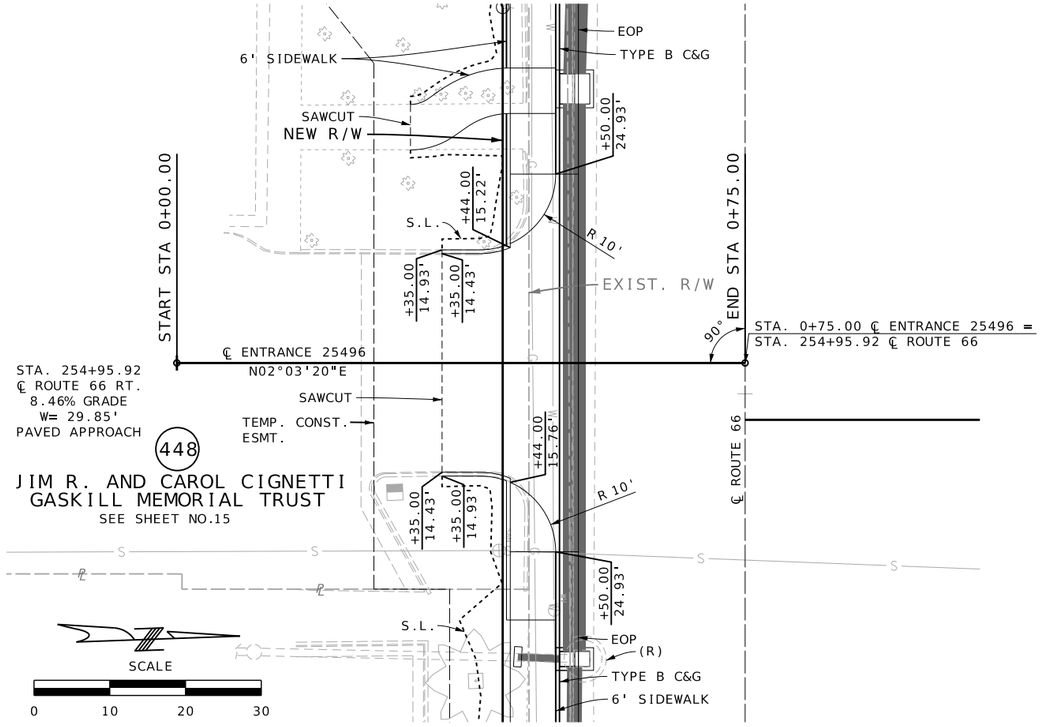
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

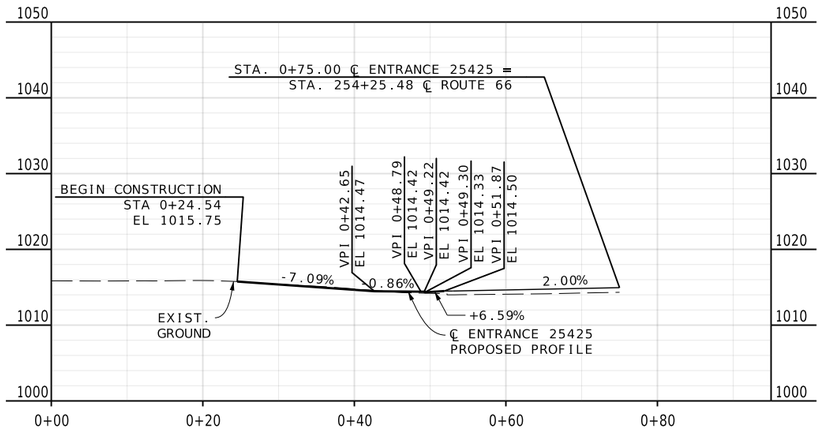
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

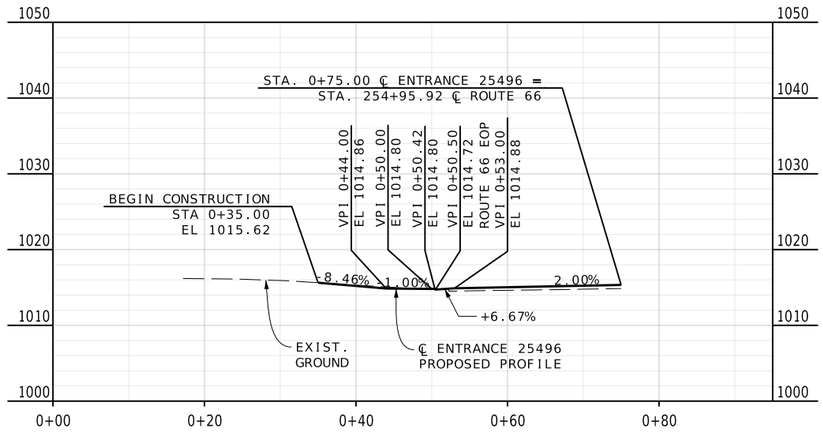
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
SIDE ROADS
SHEET 15 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	43

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

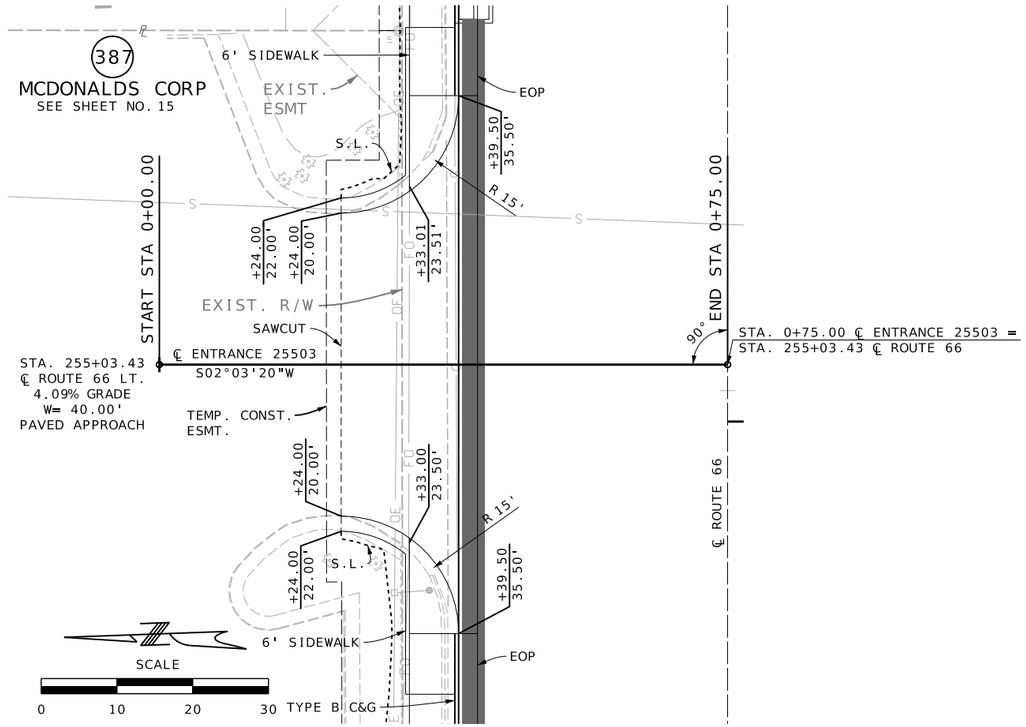
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

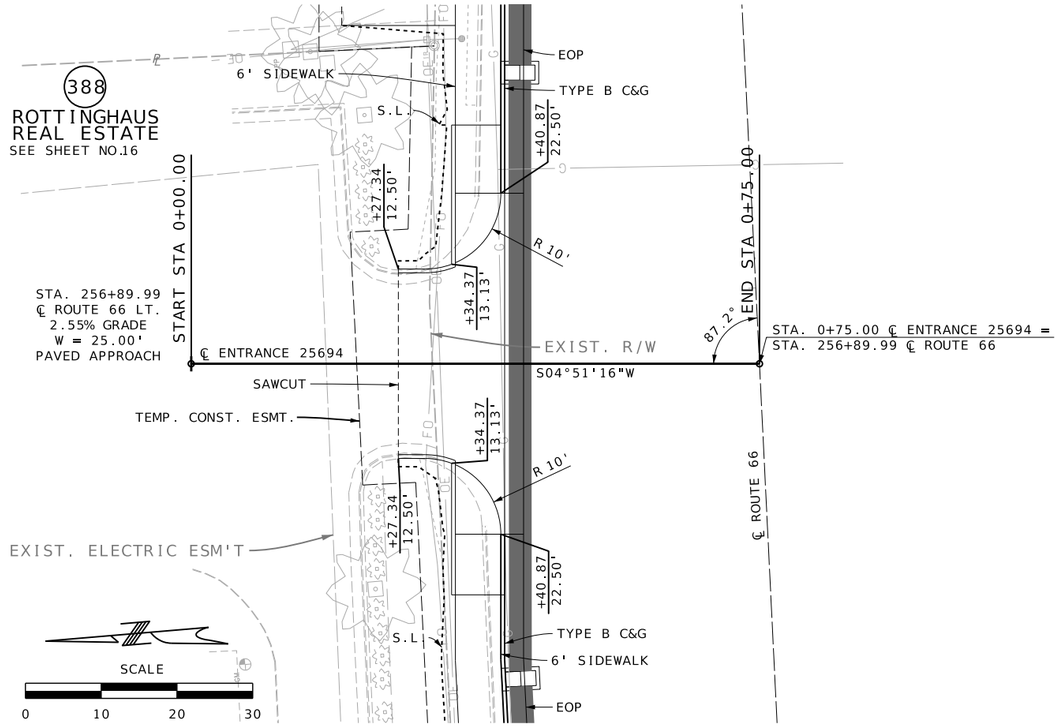
DATE	DESCRIPTION

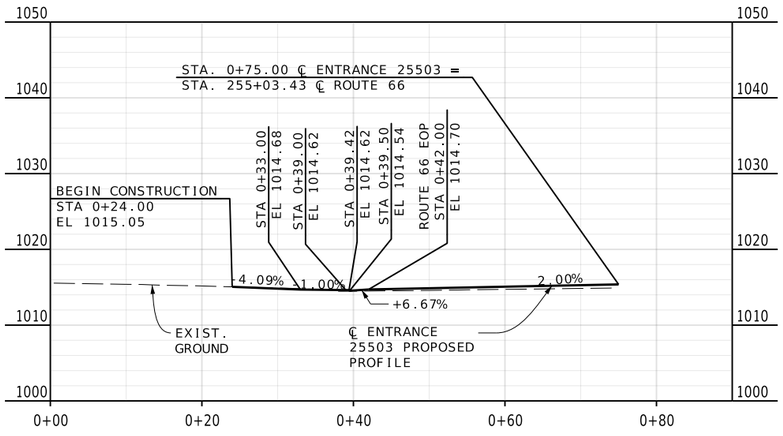
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

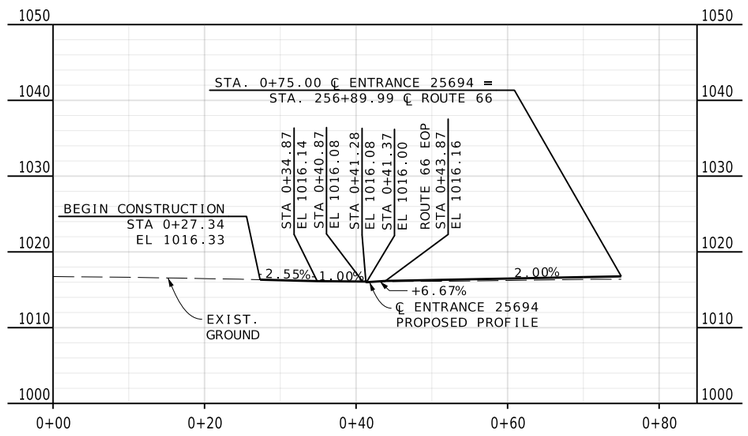
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 16 OF 79









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	44

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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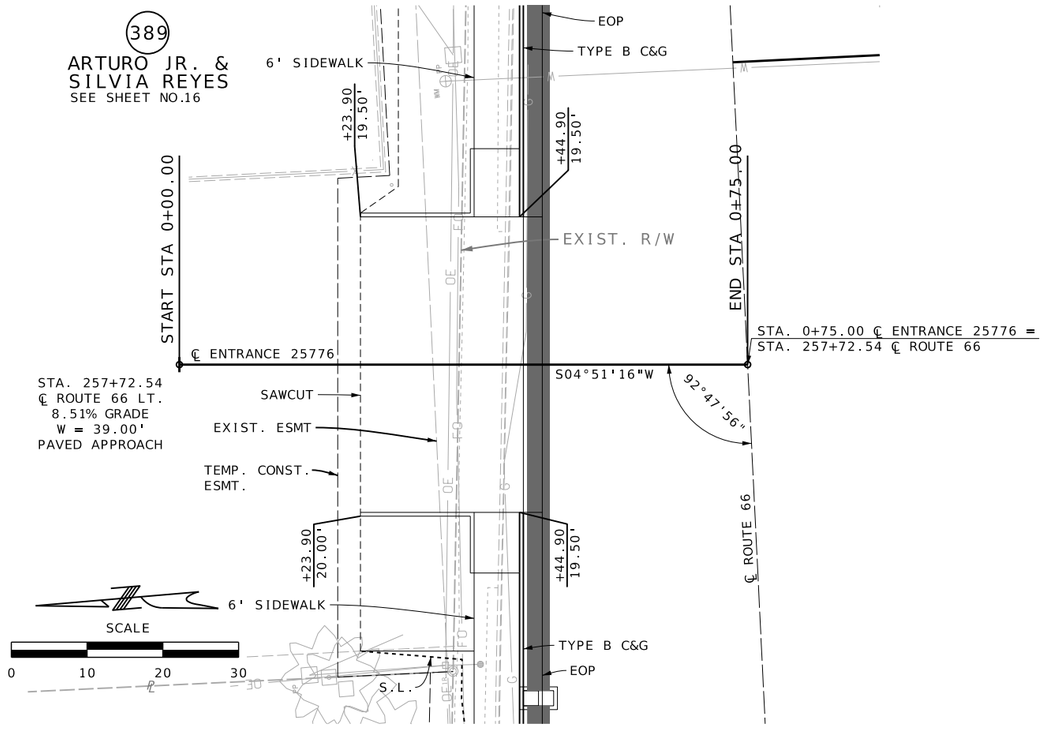
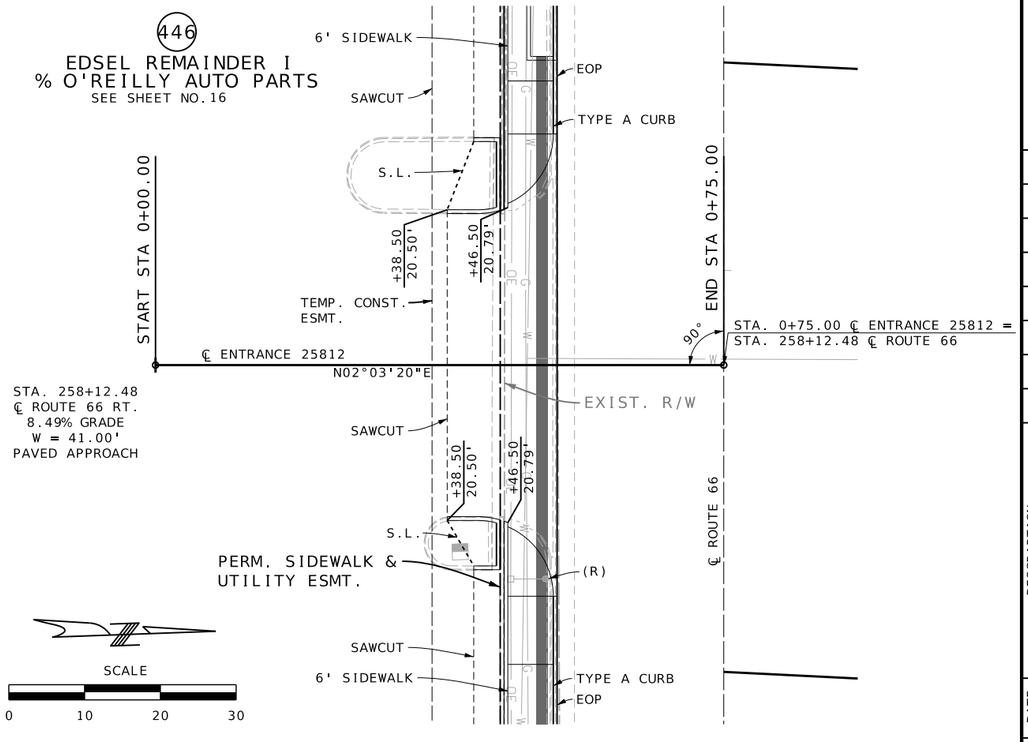
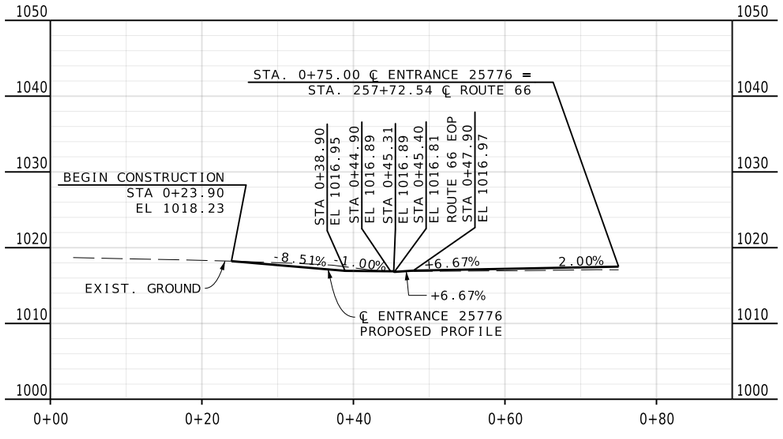
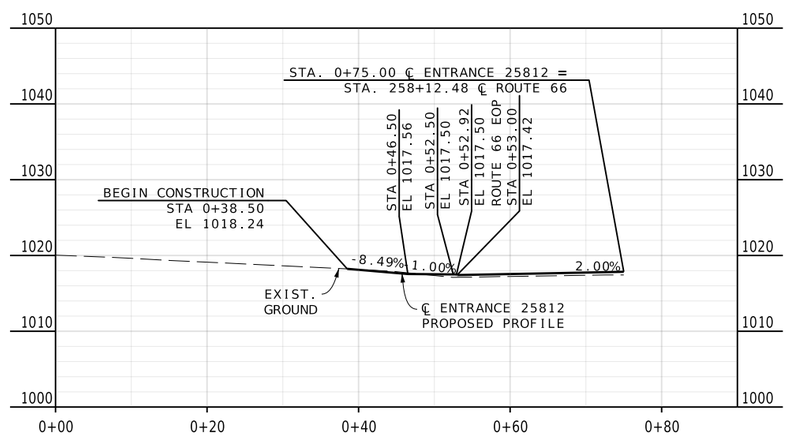
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 17 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	45

COUNTY
JASPER

JOB NO.
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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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DESCRIPTION	DATE

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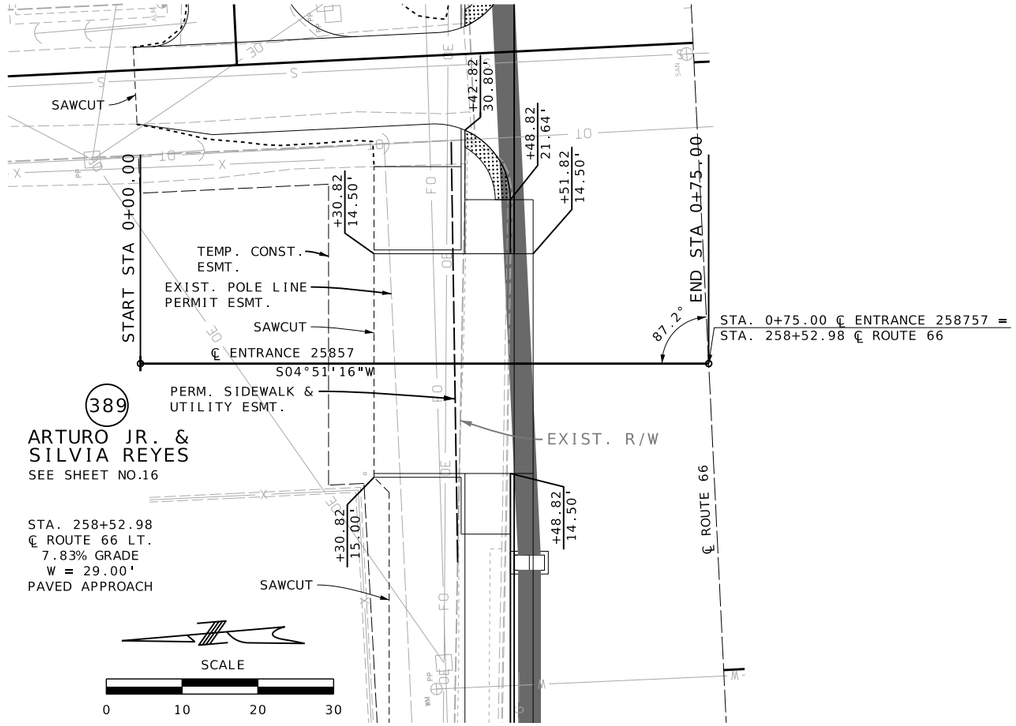
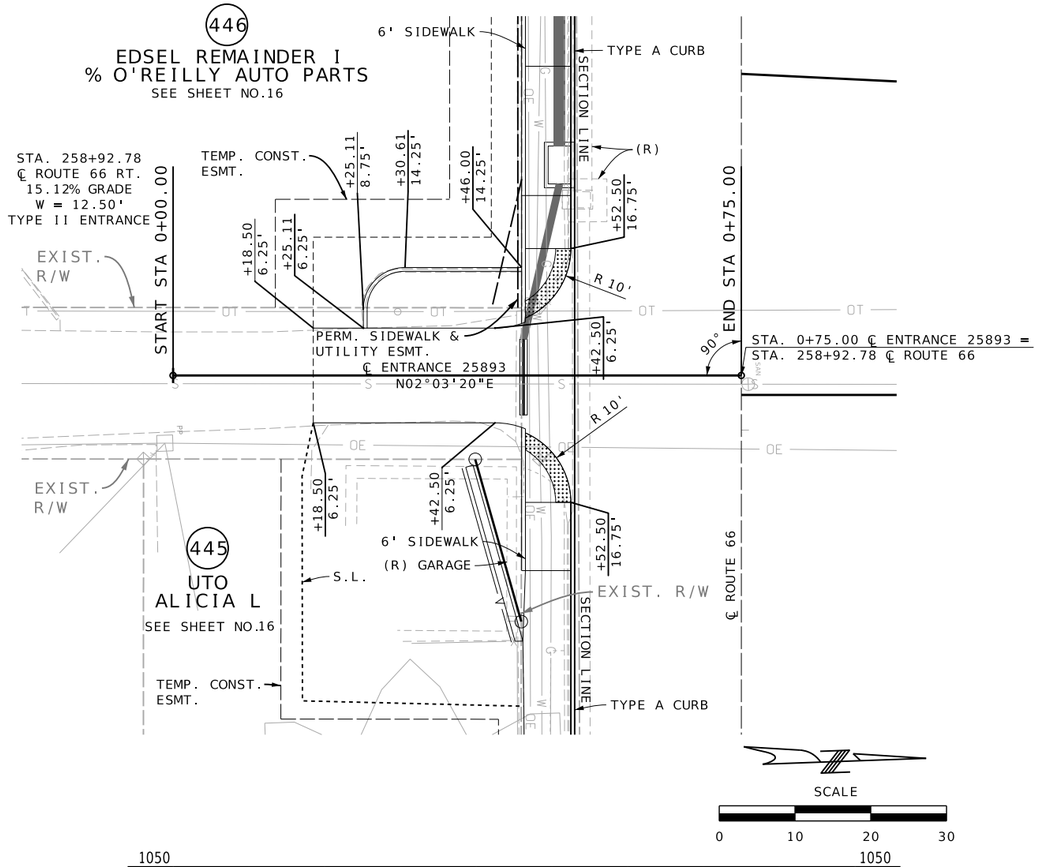
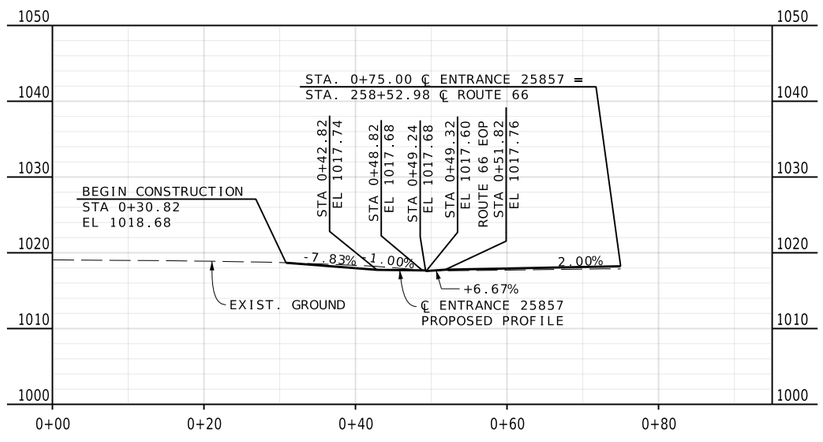
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

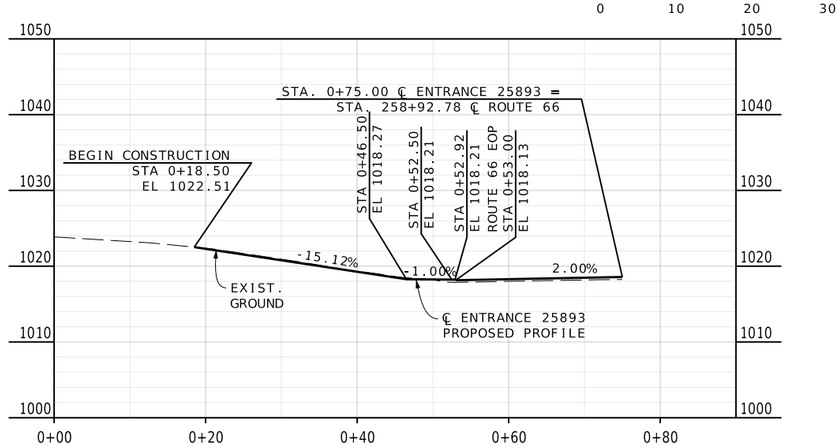
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 18 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	46

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

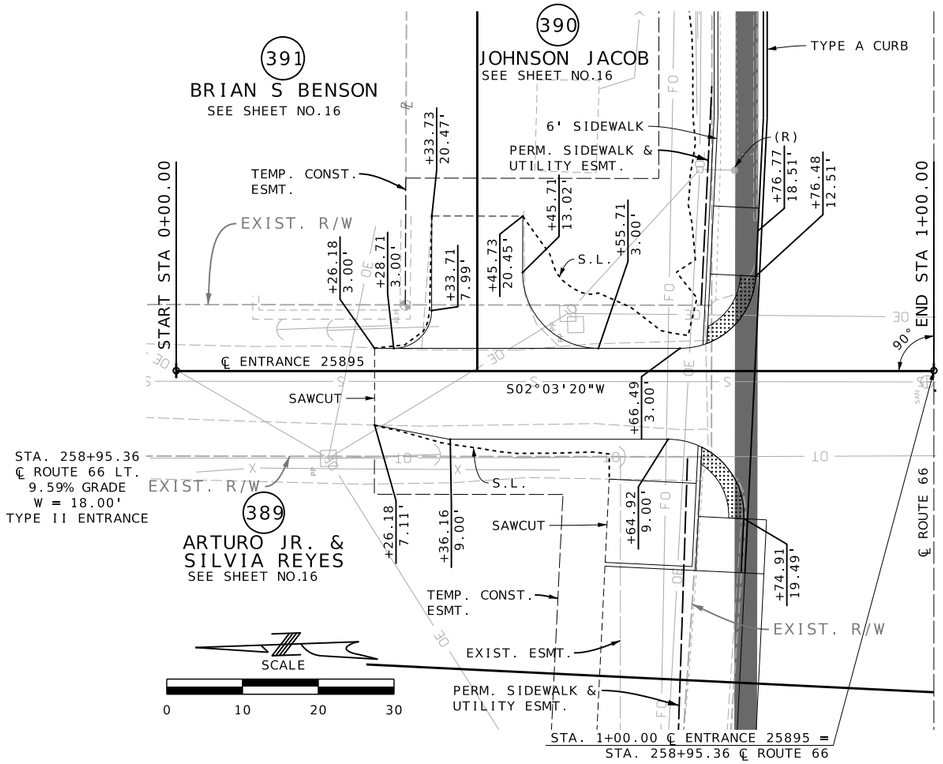
DATE	DESCRIPTION

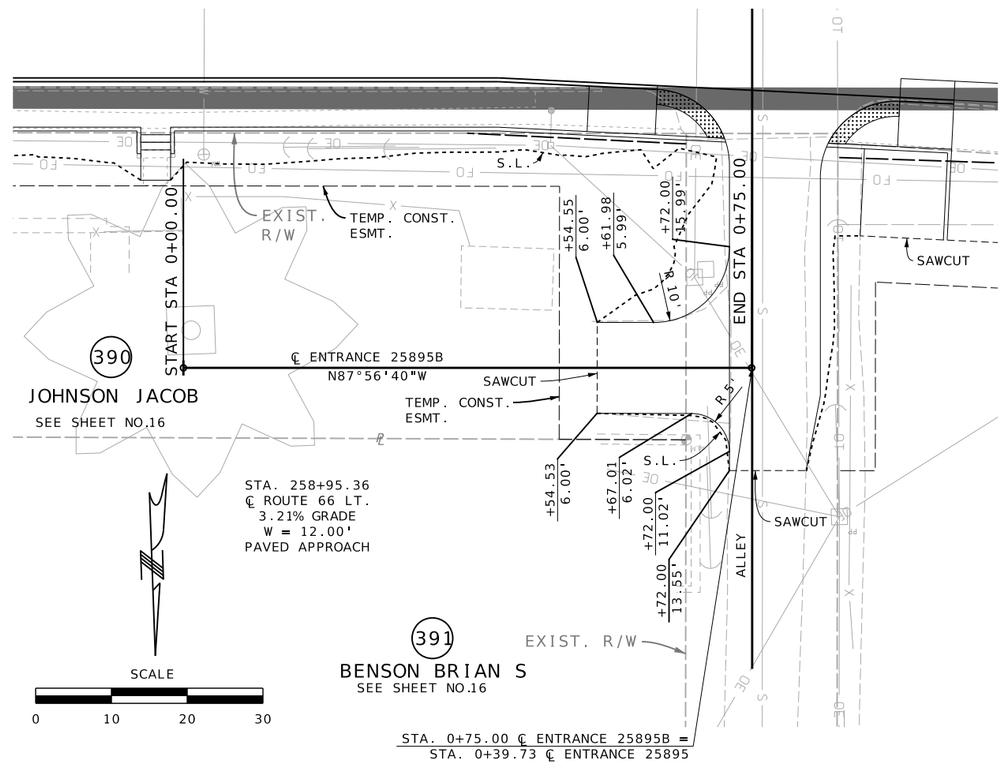
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

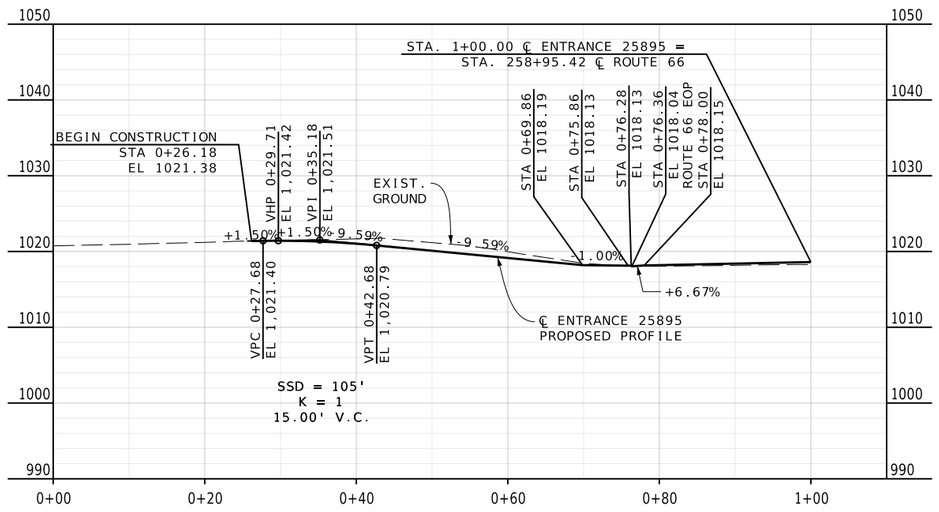
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

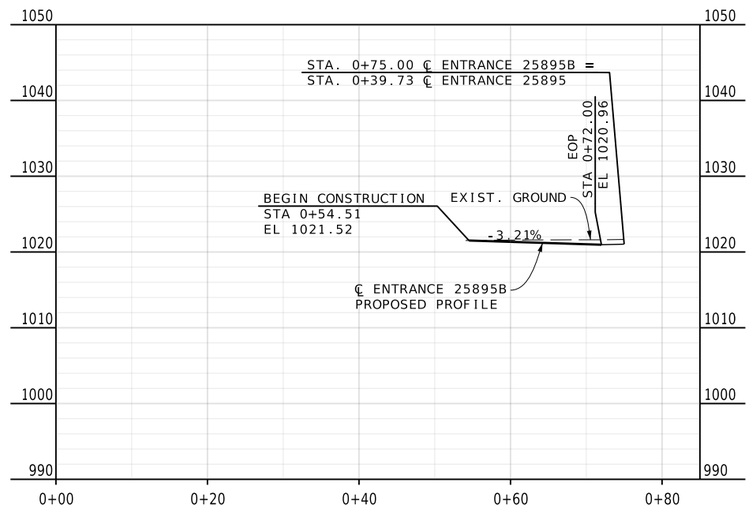
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 19 OF 79









SPECIAL SHEET
ENTRANCES
SHEET 20 OF 79

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	47

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

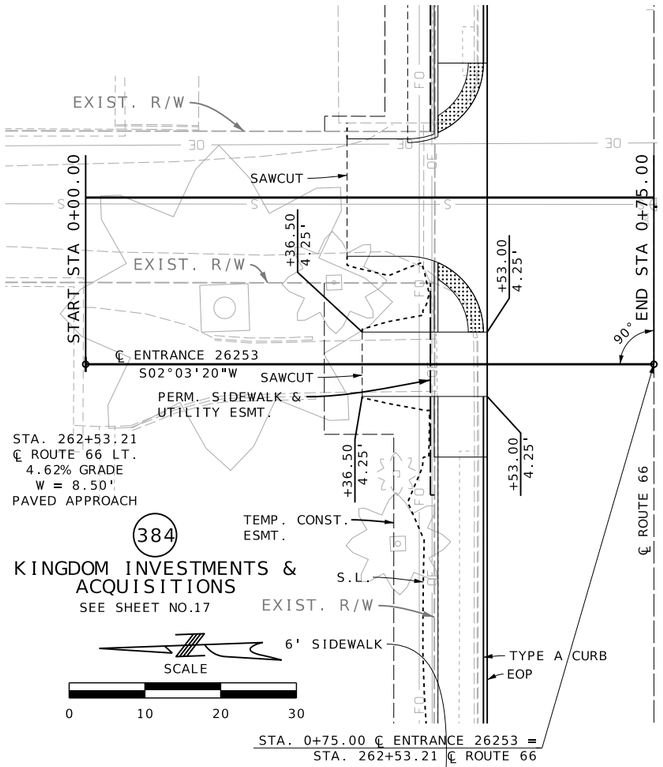
BRIDGE NO.

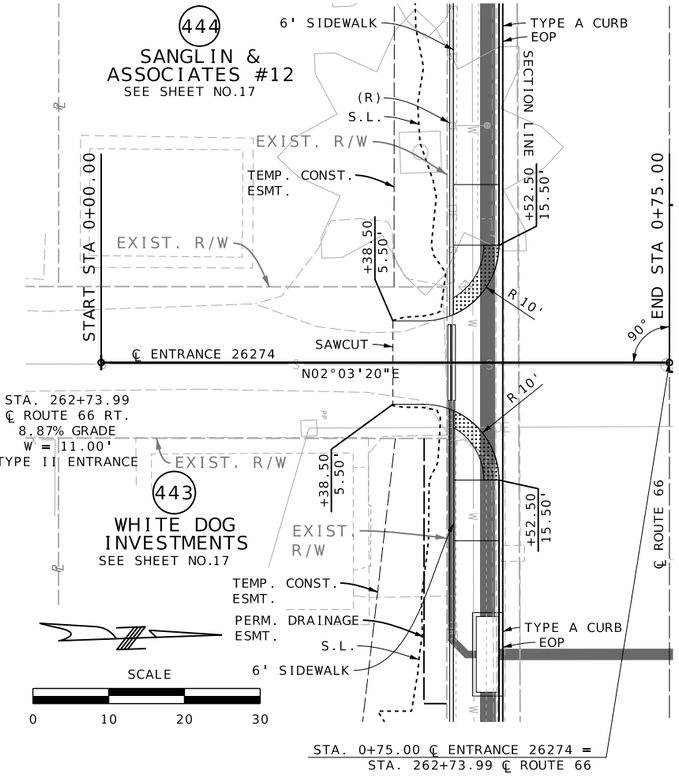
DATE	DESCRIPTION

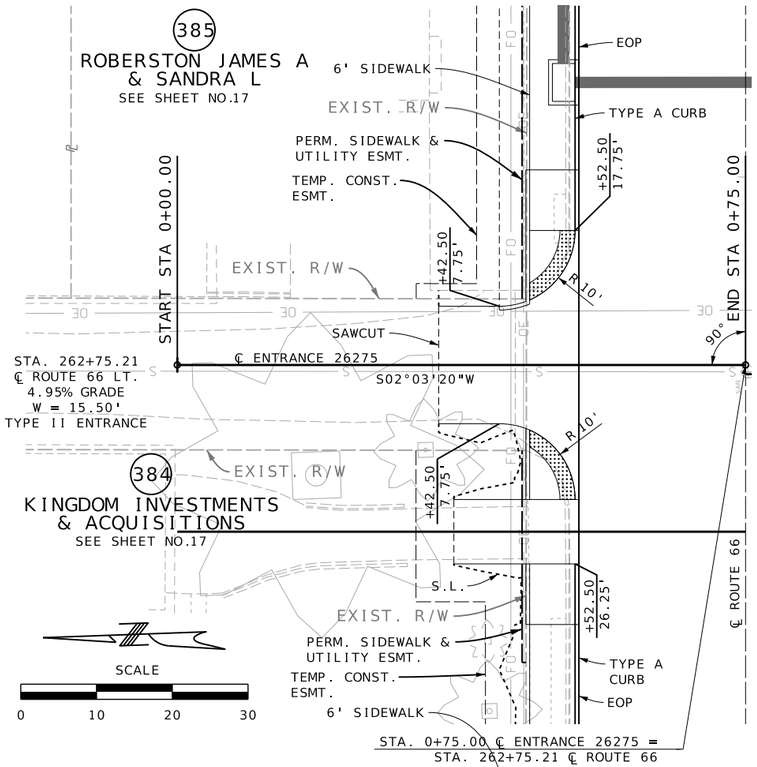
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

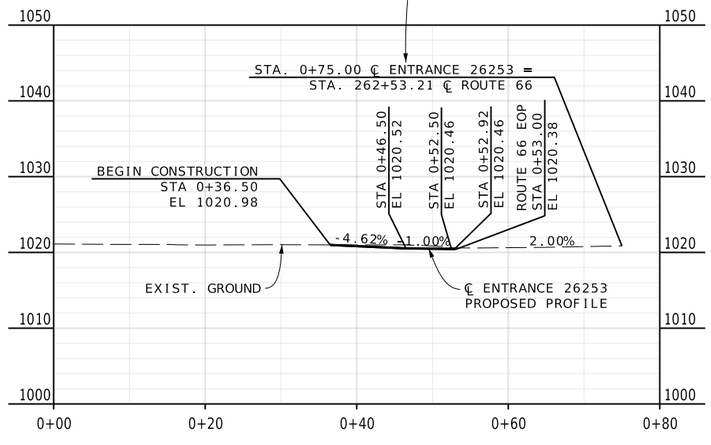
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

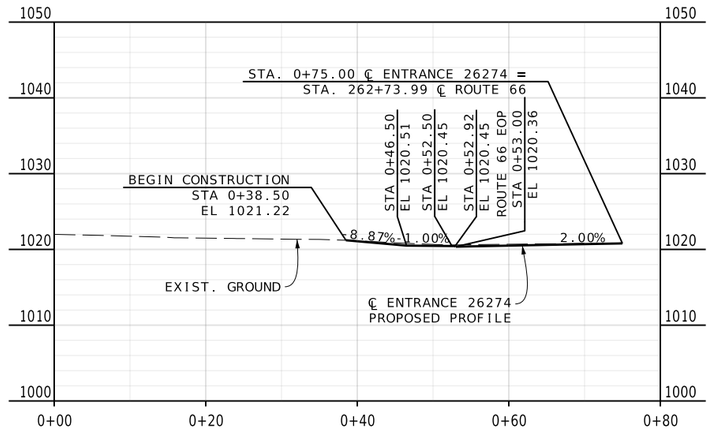
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

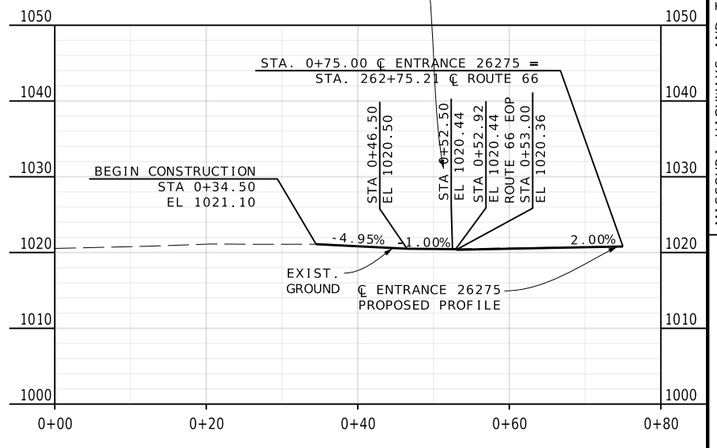












REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	48

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

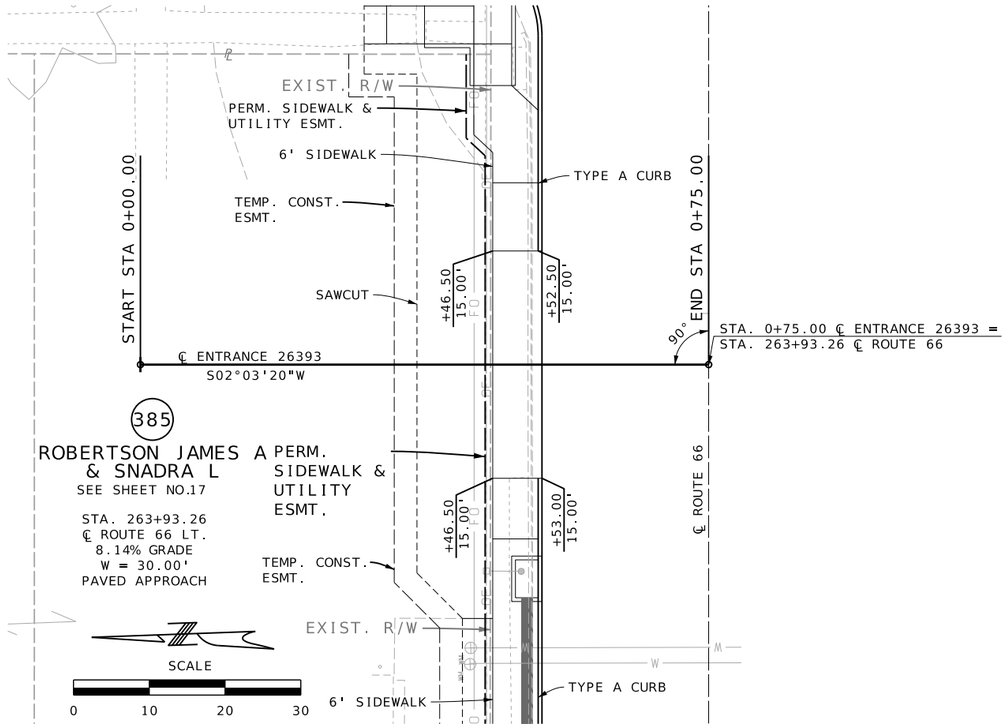
DATE	DESCRIPTION

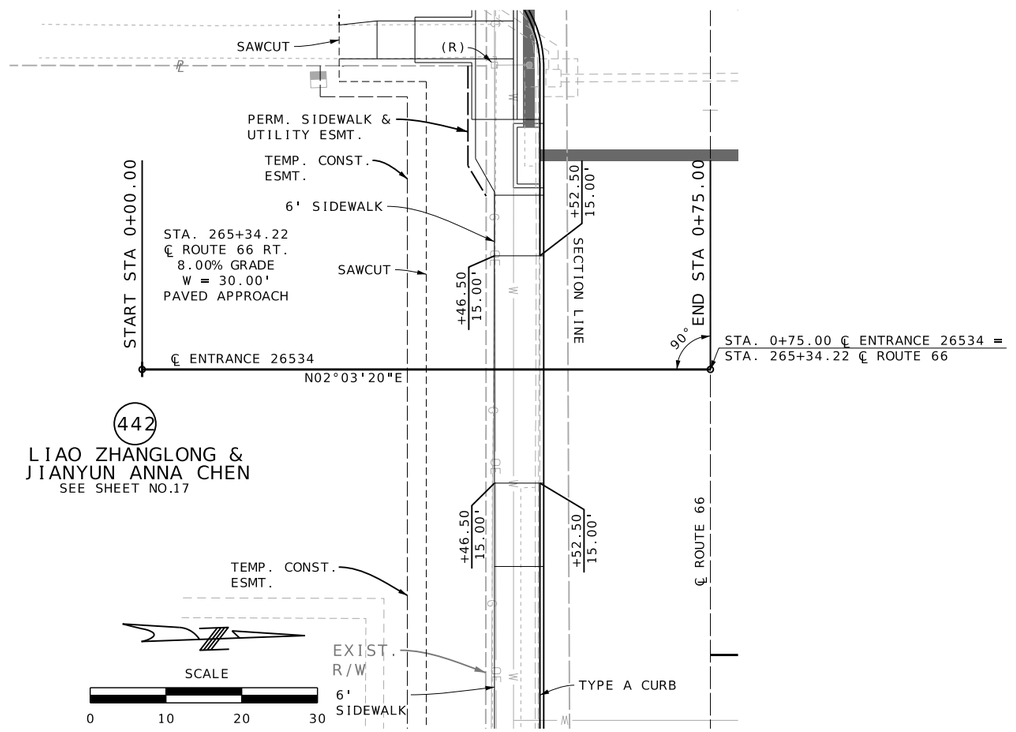
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

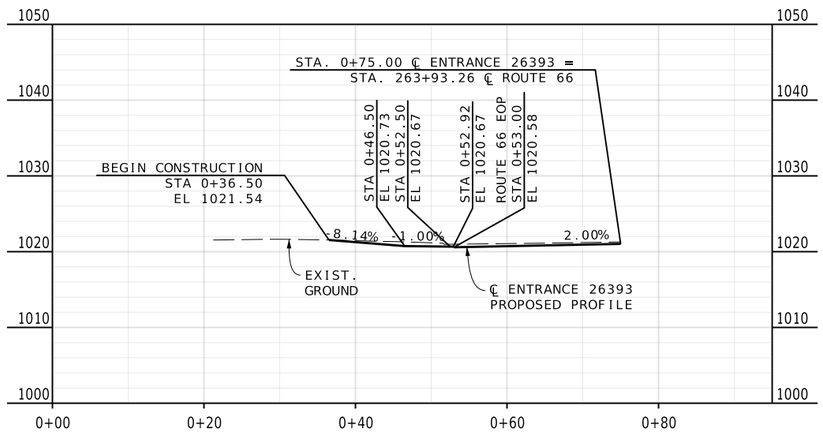
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

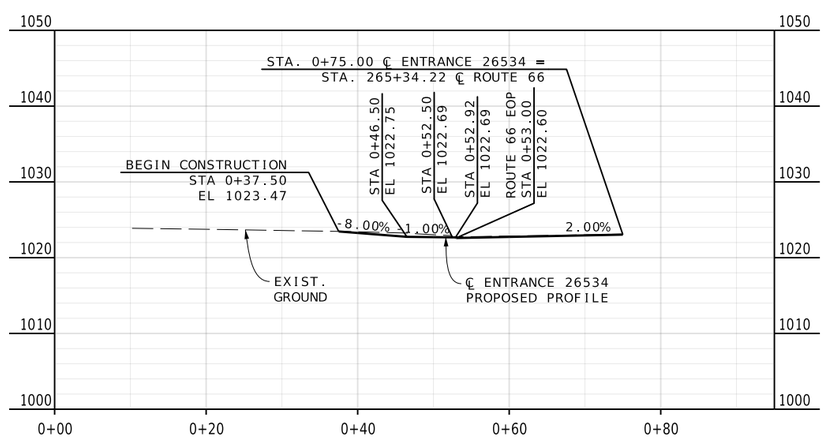
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 21 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED: 8/8/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 49
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

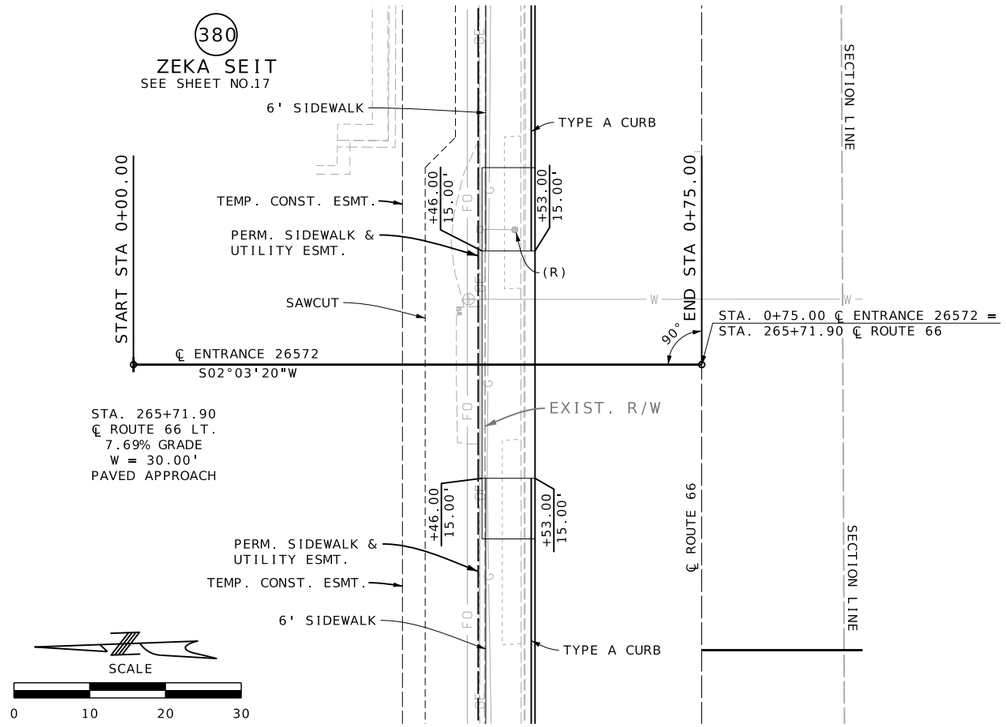
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

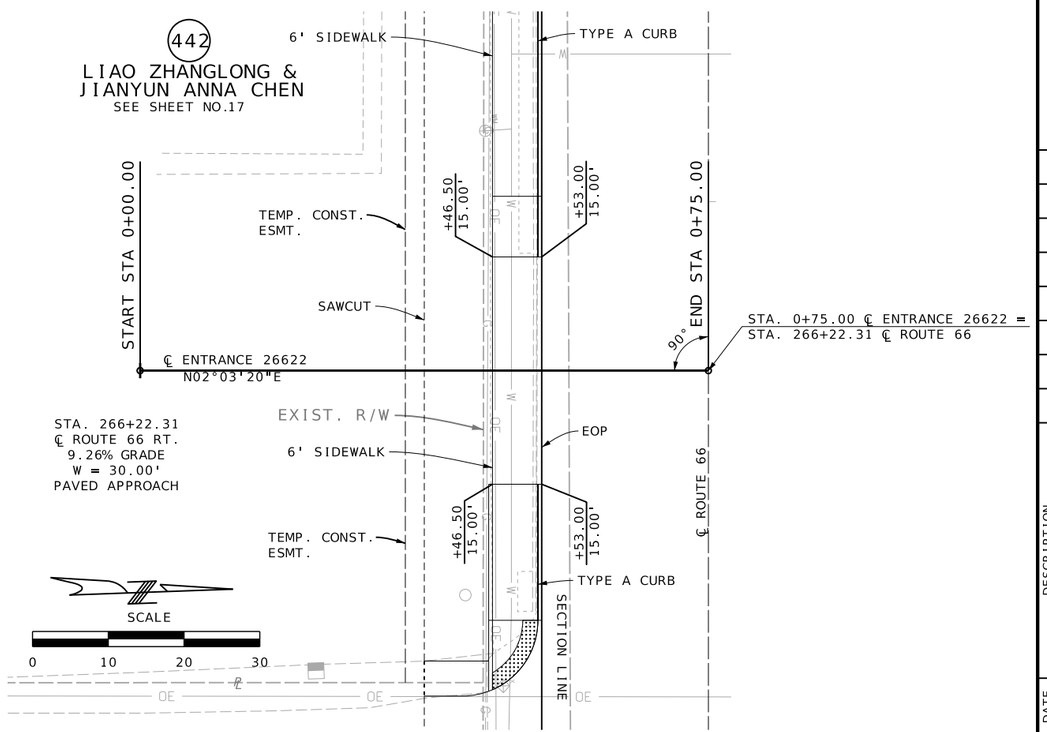
DATE	DESCRIPTION

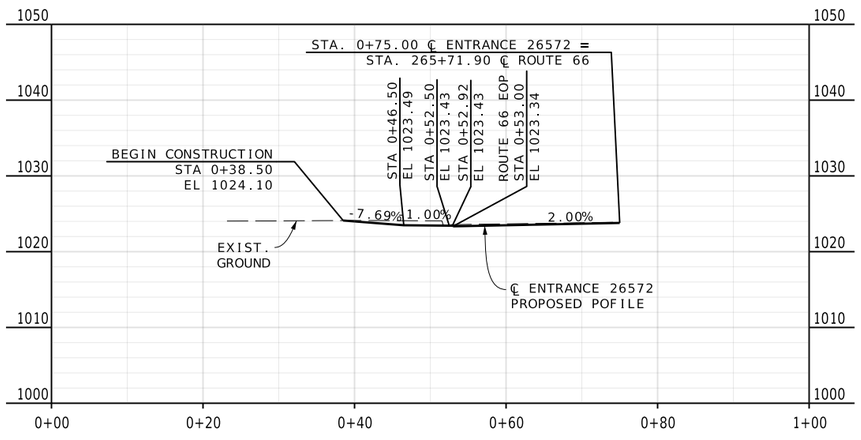
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

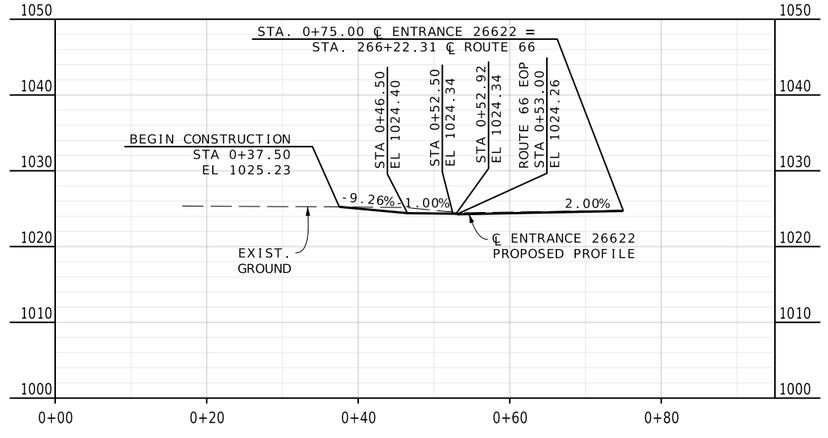
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 22 OF 79









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	50

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

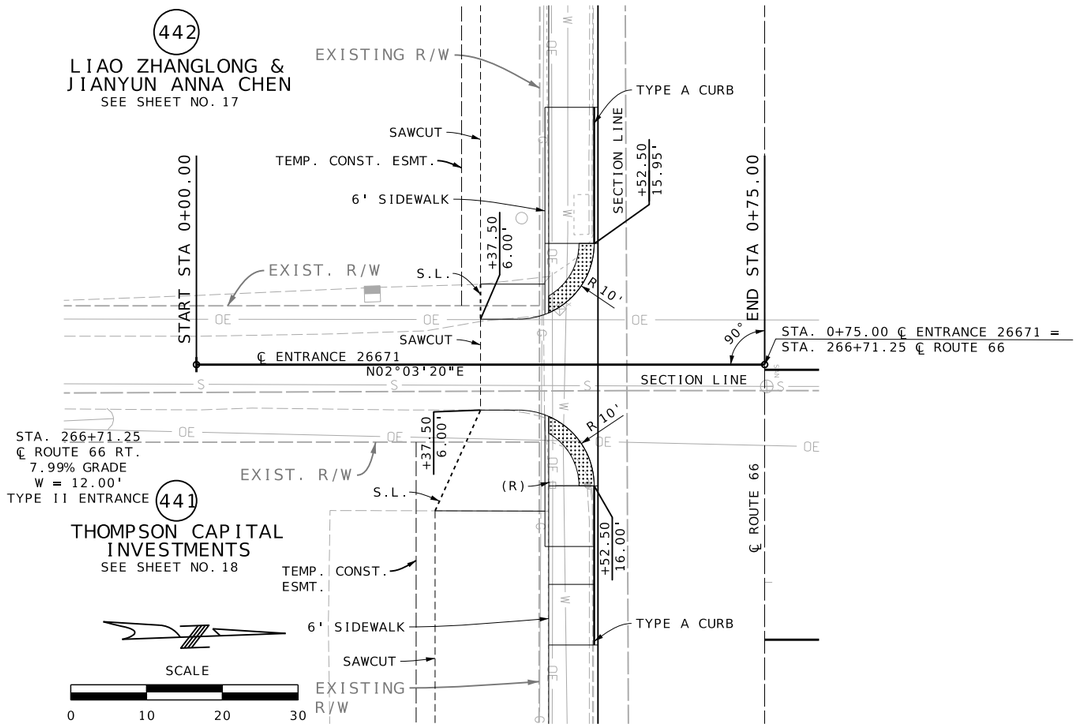
BRIDGE NO.

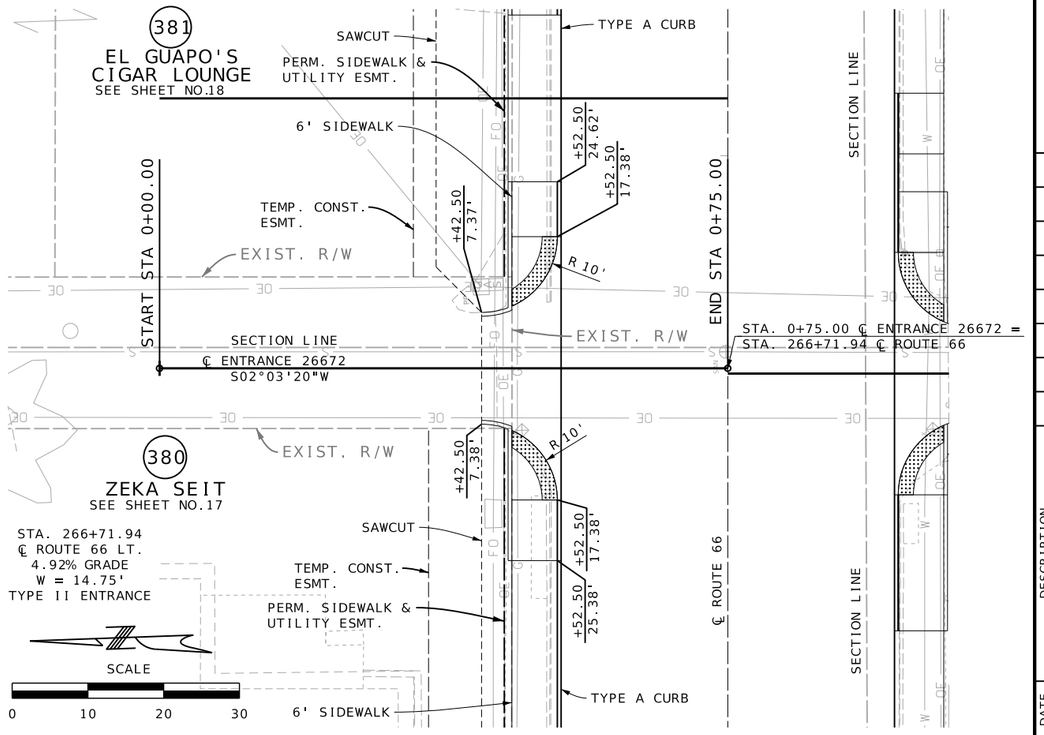
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

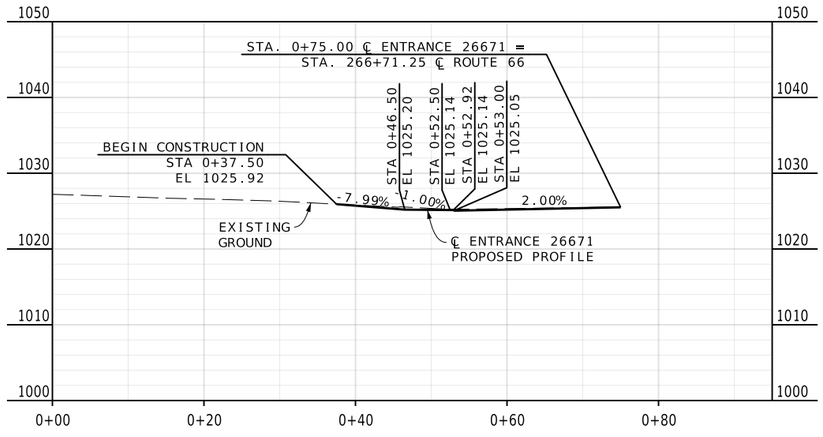
DESCRIPTION	DATE

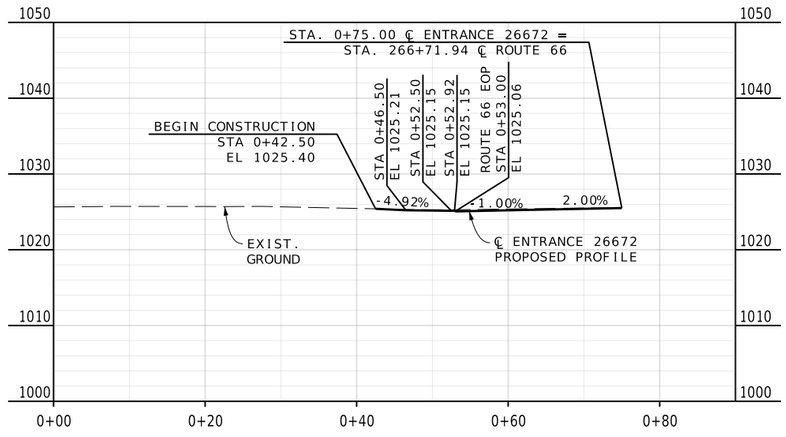
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 23 OF 79









SPECIAL SHEET
ENTRANCES
SHEET 24 OF 79

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	51

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

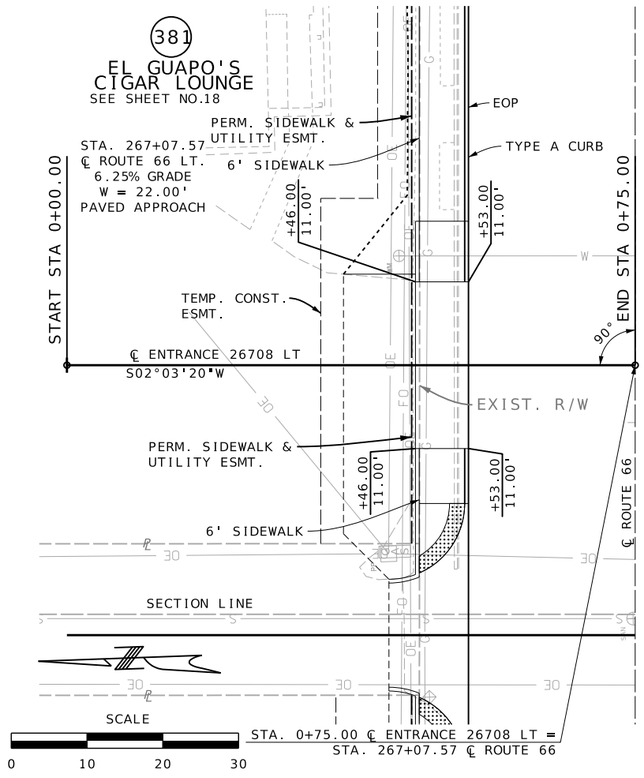
BRIDGE NO.

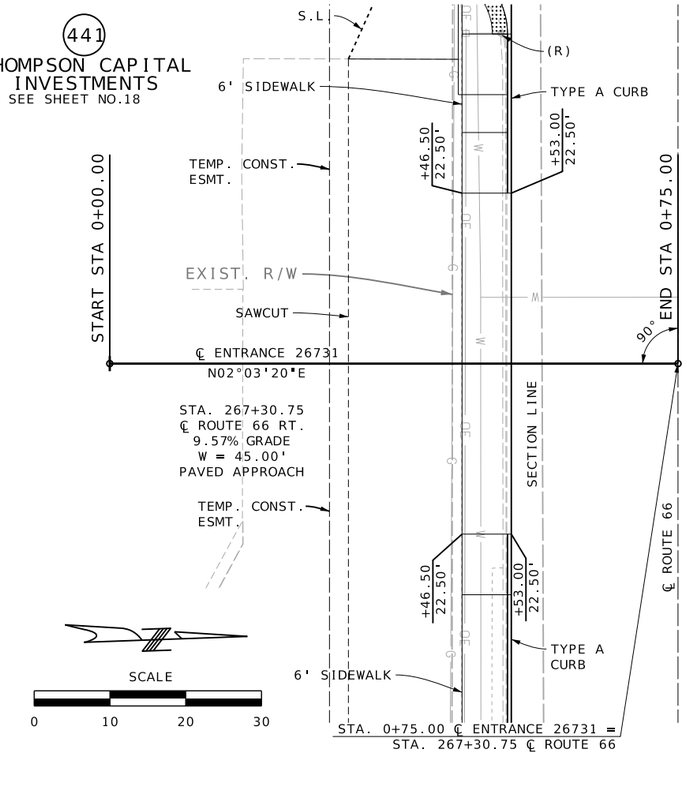
DESCRIPTION	DATE

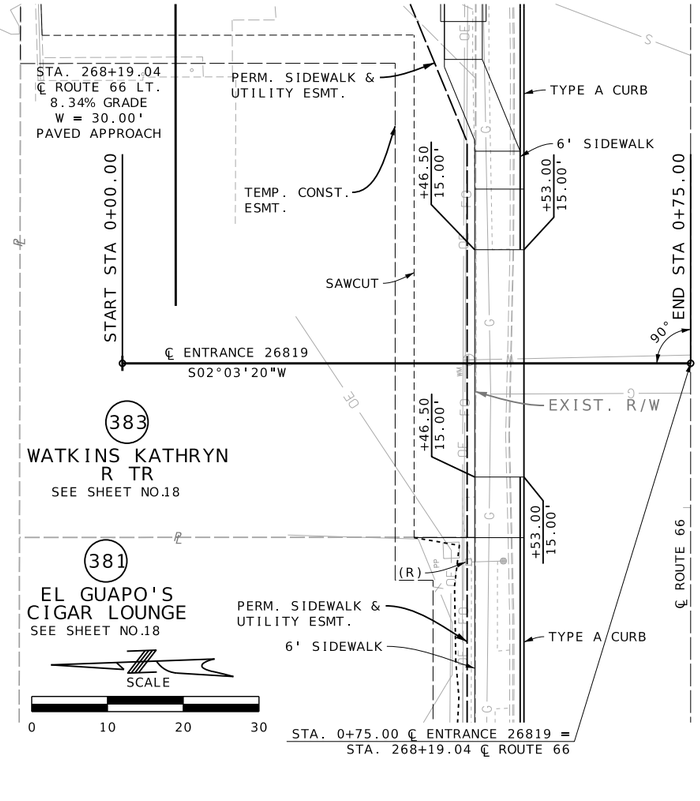
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

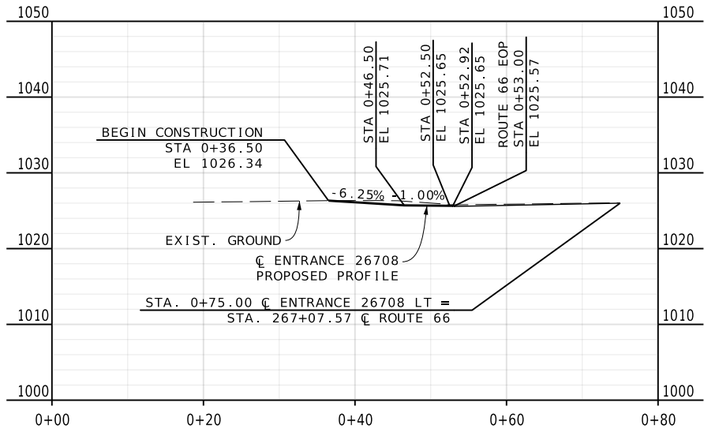
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

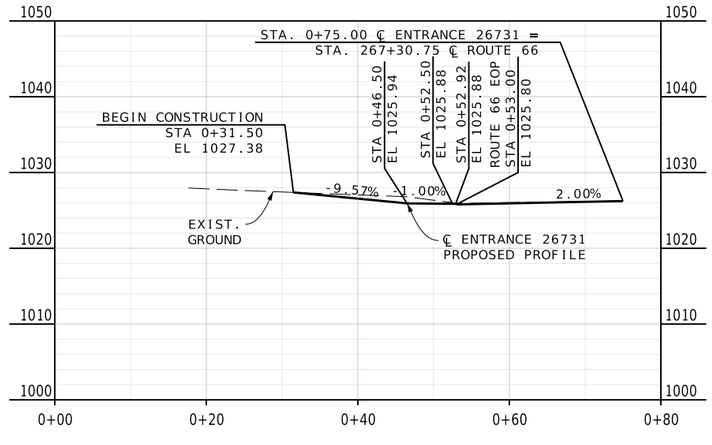
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

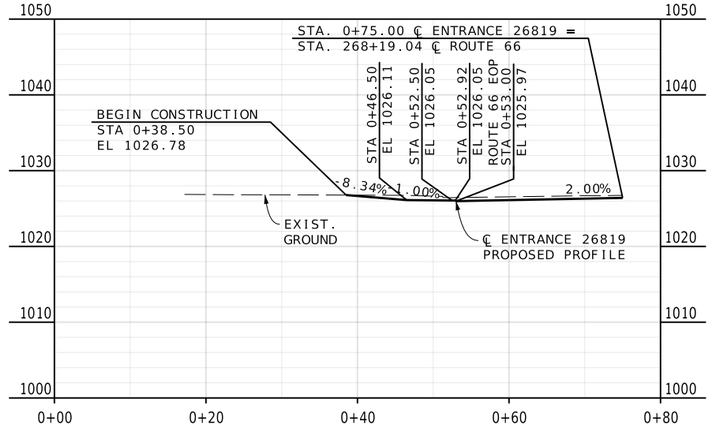












REID BRENNEN CATT
NUMBER
PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
10/7/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	52
COUNTY	
JASPER	
JOB NO.	
J7S2185C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

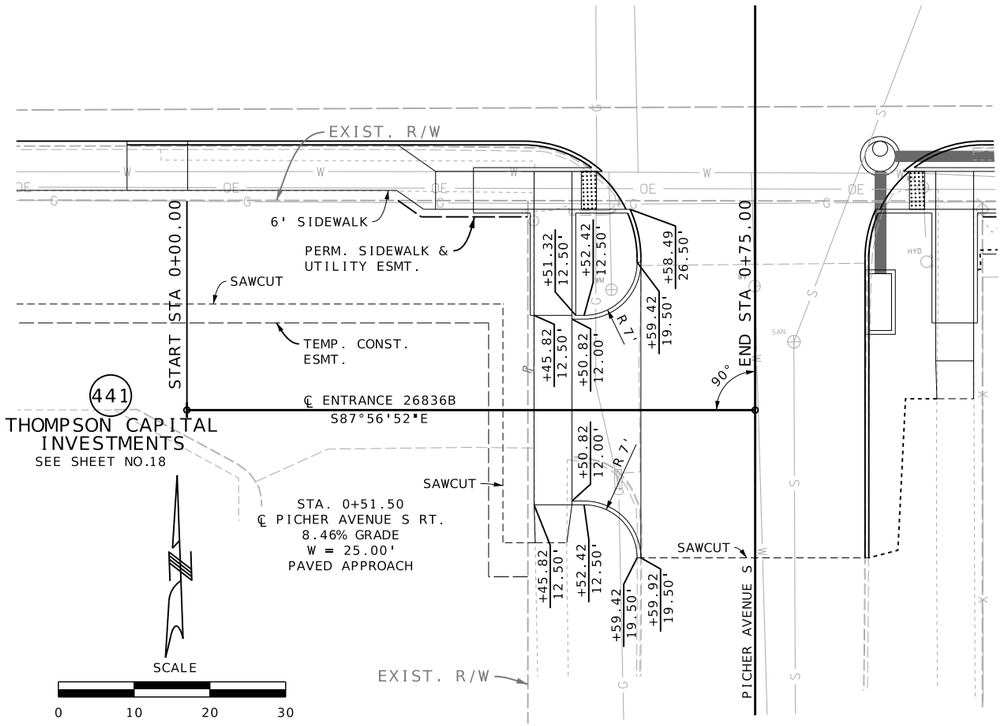
DATE	DESCRIPTION

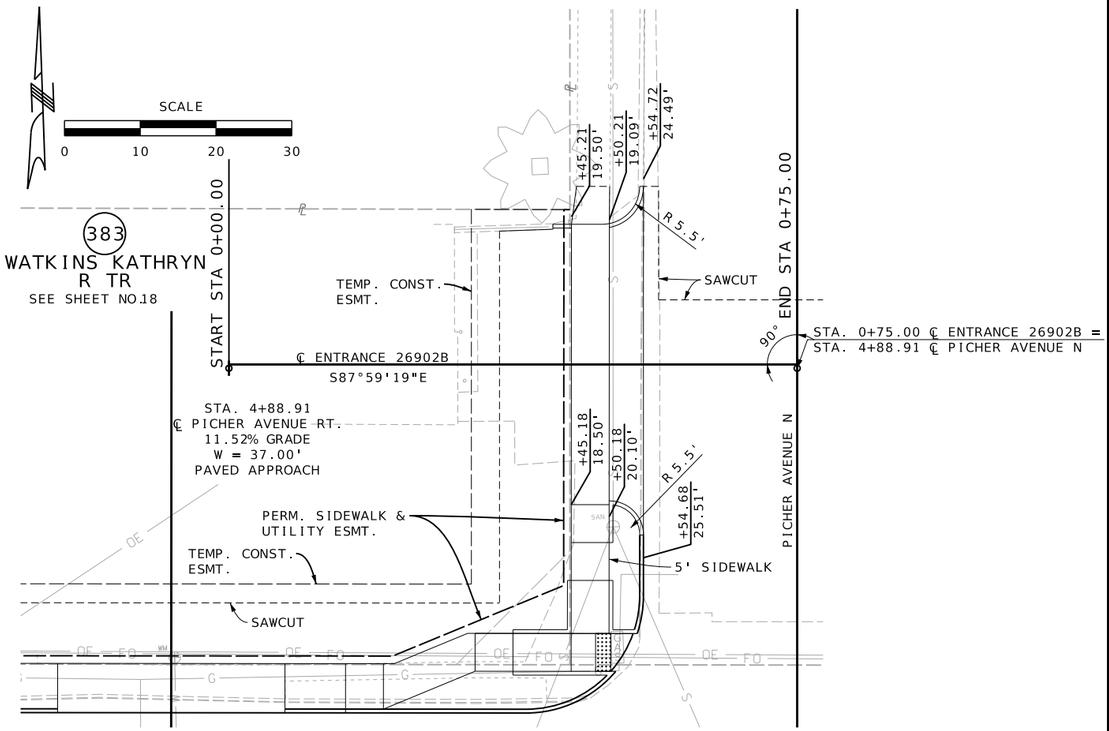
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

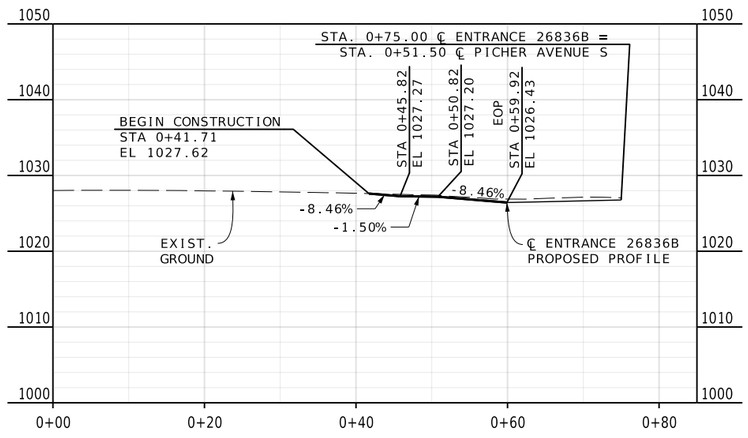
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

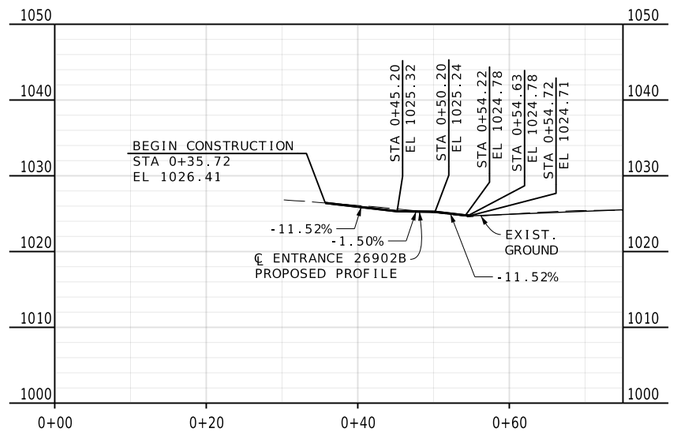
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 25 OF 79









SPECIAL SHEET
ENTRANCES
SHEET 26 OF 79

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	53

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

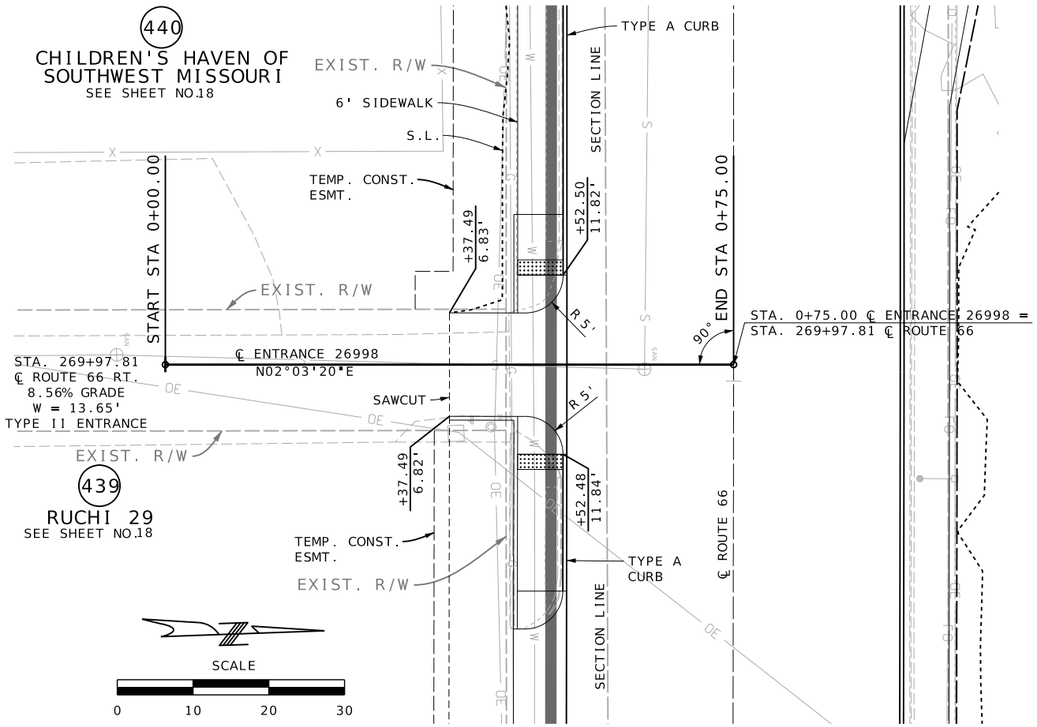
BRIDGE NO.

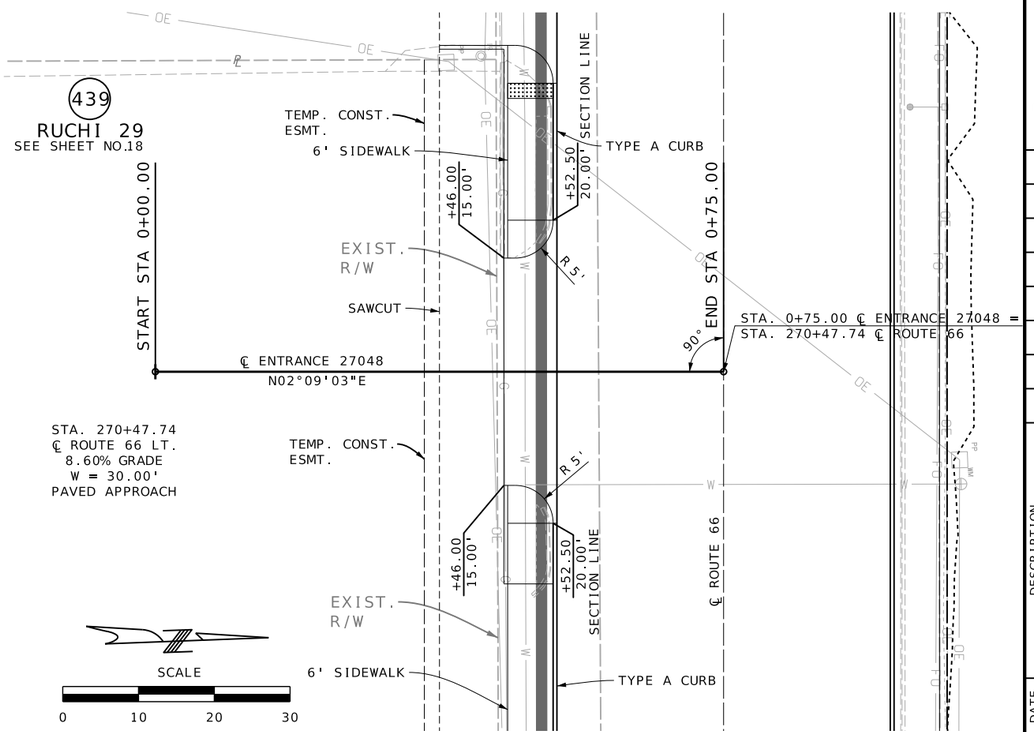
DESCRIPTION	DATE

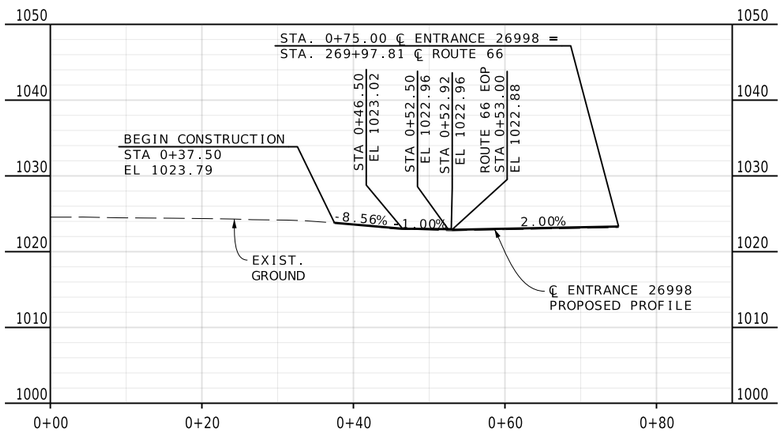
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

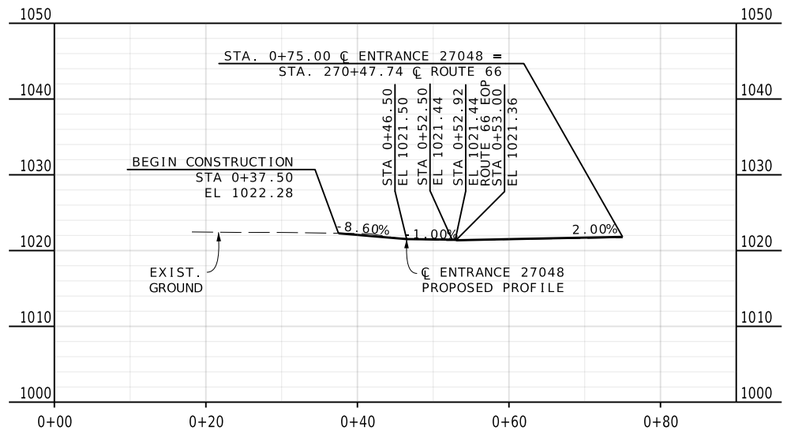
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	54

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 27 OF 79

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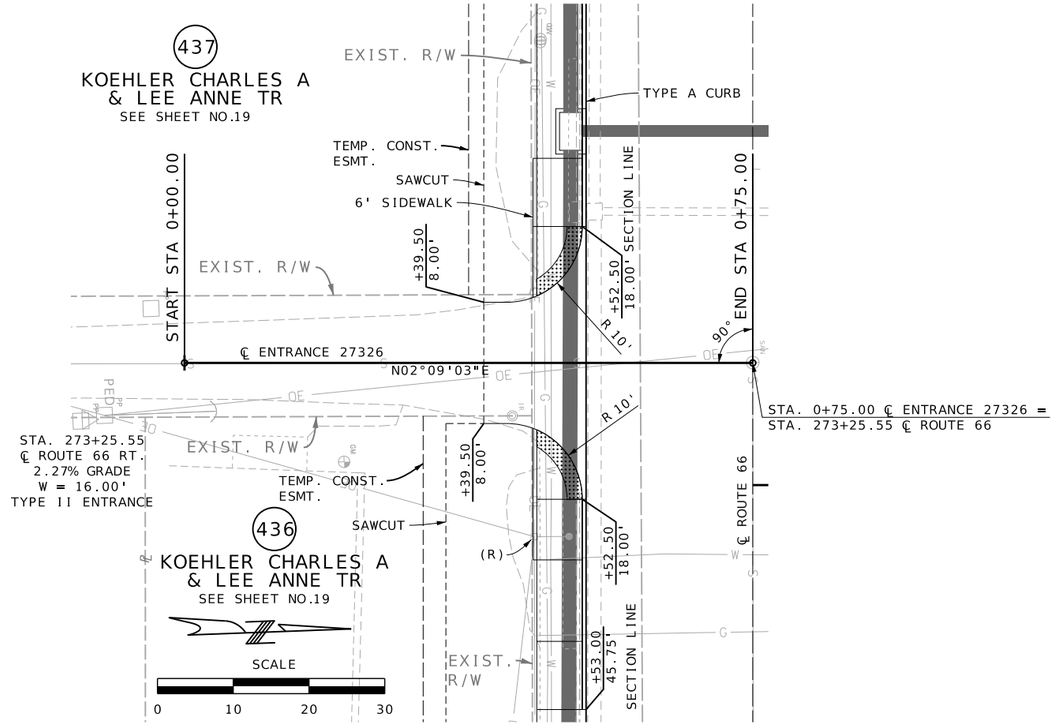
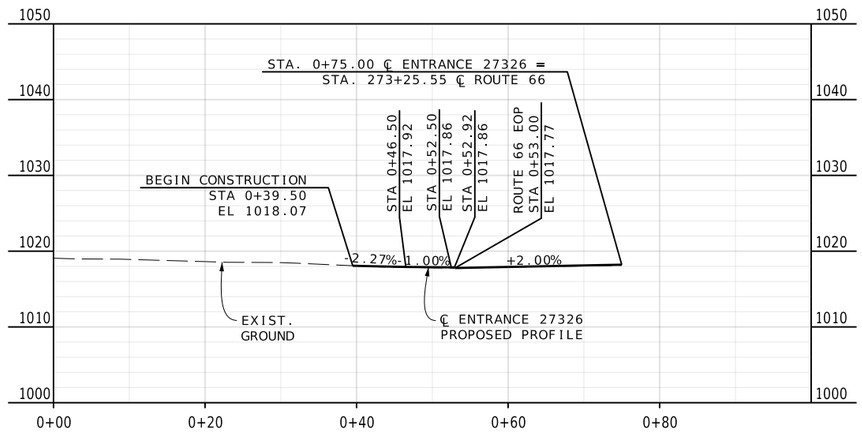




REID BRENNEN CATT
NUMBER
PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	55

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

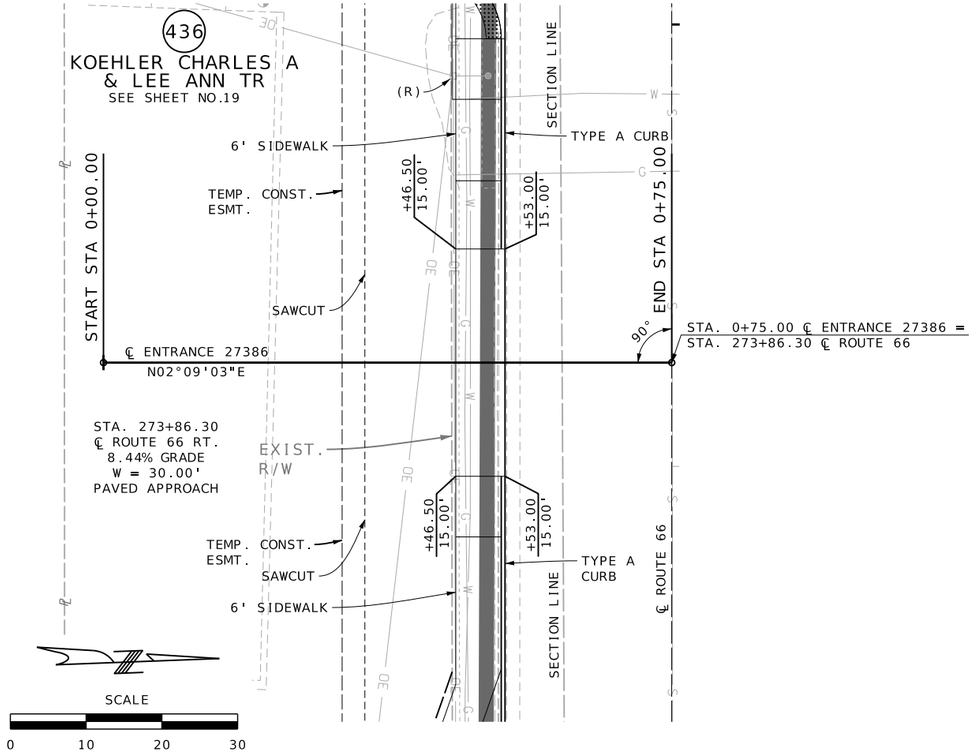
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

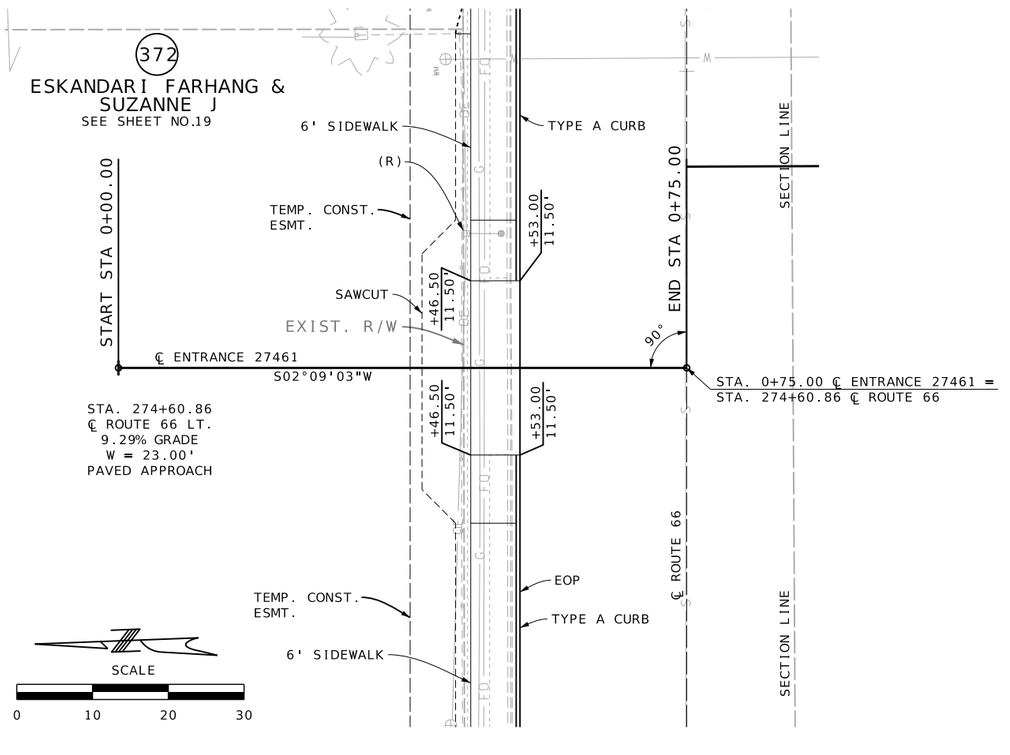
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

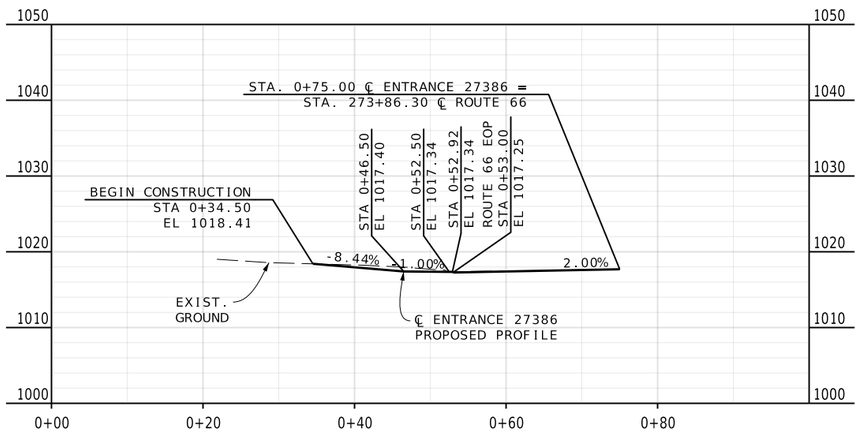
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

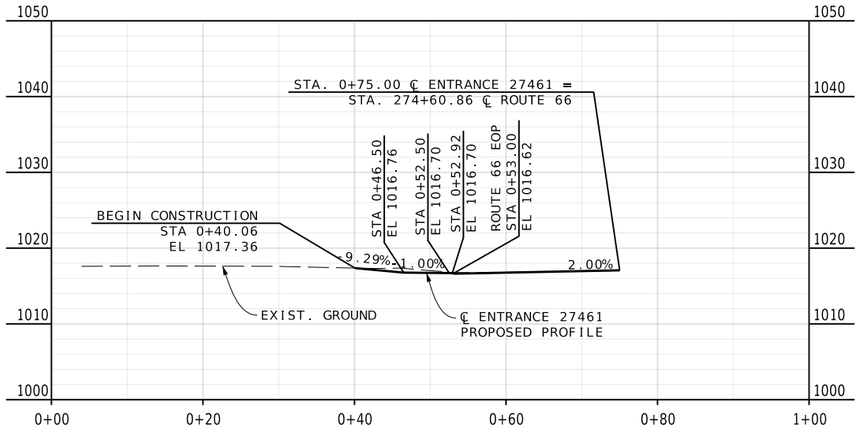
SPECIAL SHEET
ENTRANCES
SHEET 28 OF 79

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185C\plan_sheets\8 Special Sheets\055_SS_28_J7S2185C_I10_Entrance.dgn 3:18:14 PM 8/8/2025









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	56

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 29 OF 79

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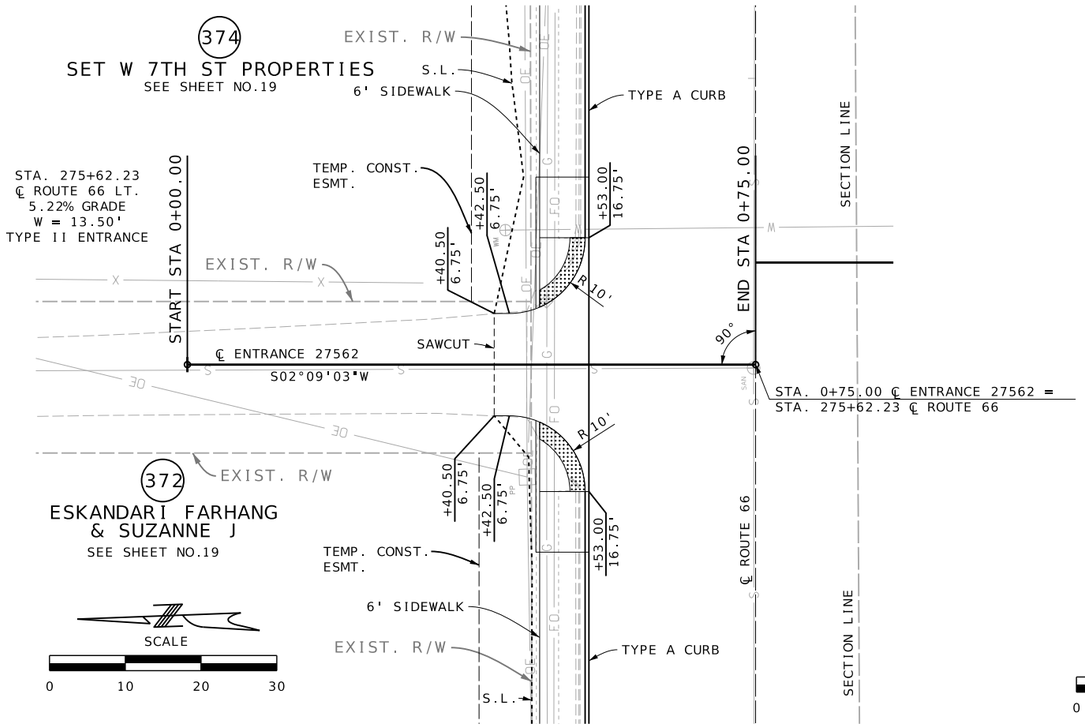

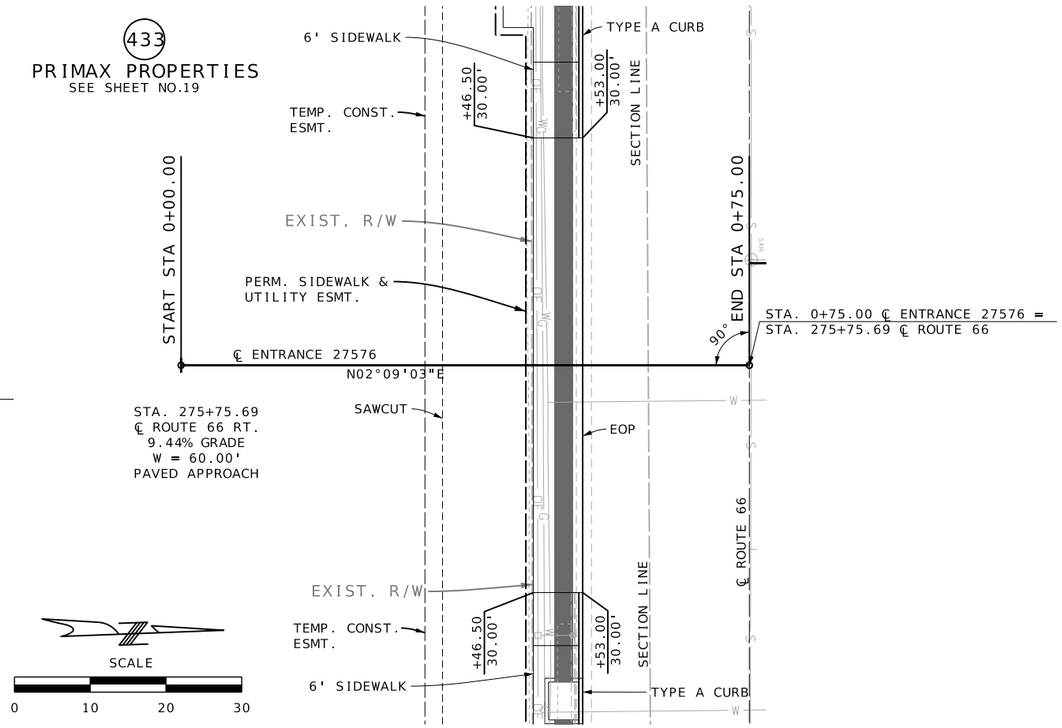

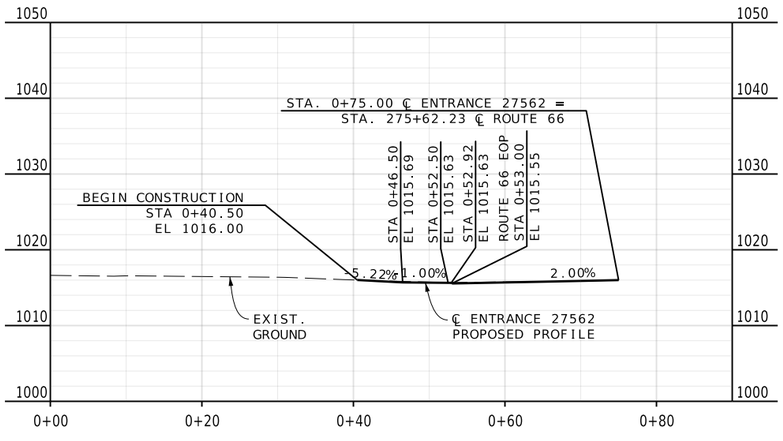

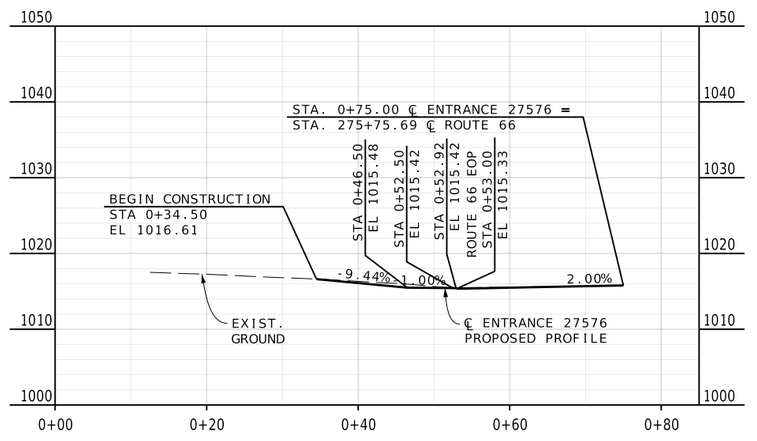

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	57

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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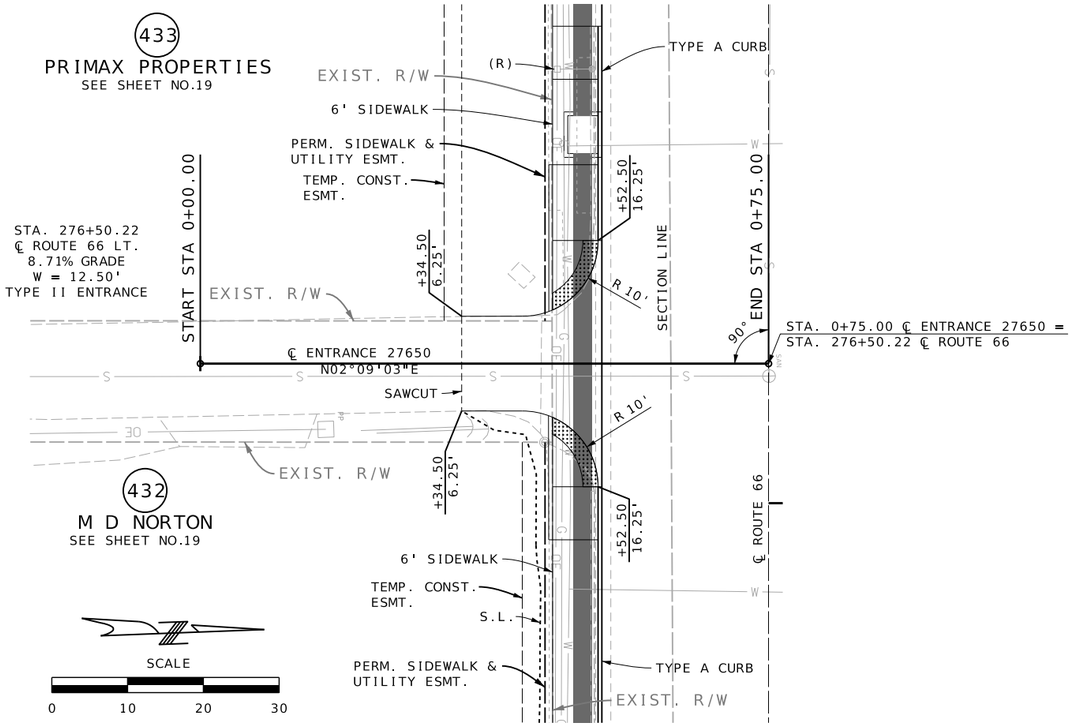
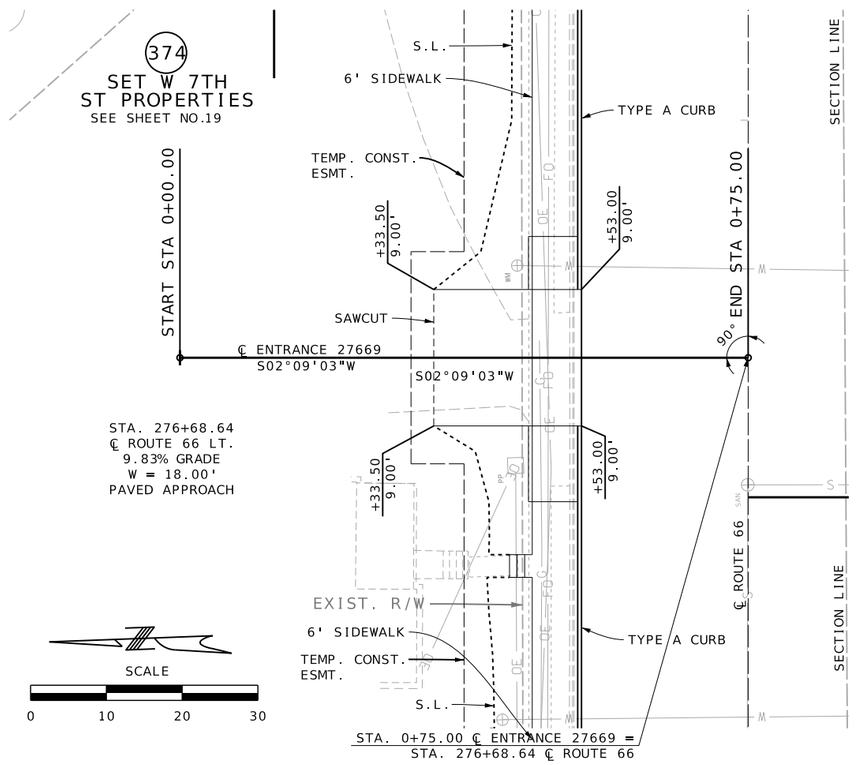
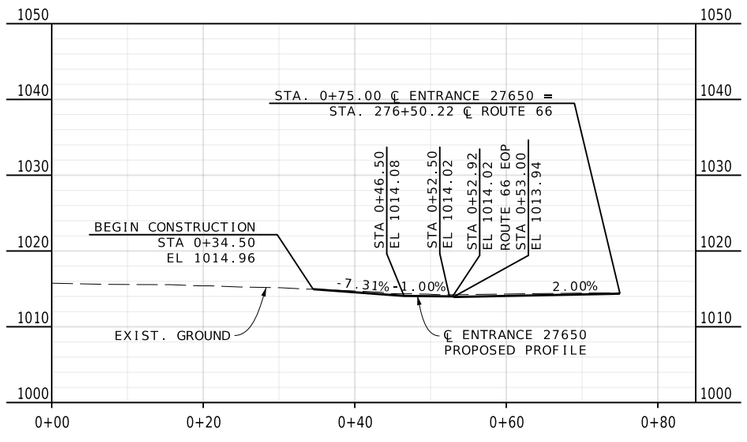
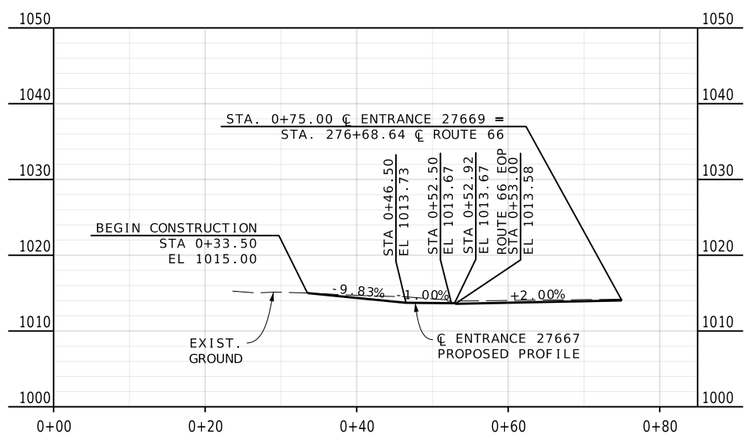
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 30 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	58

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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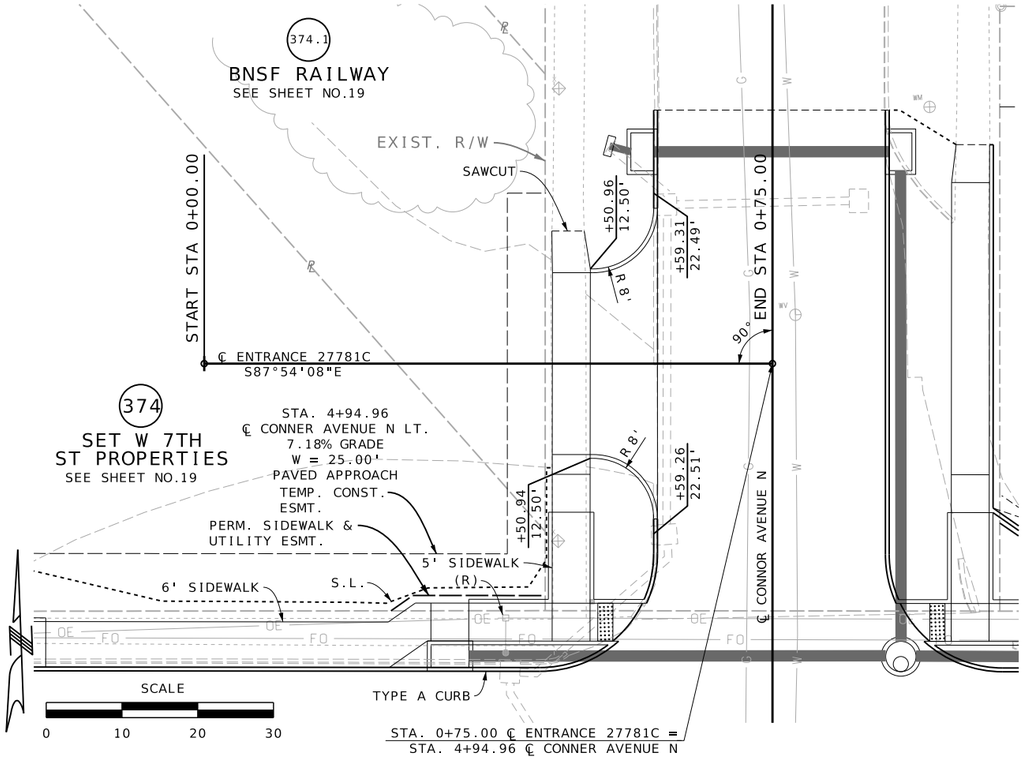
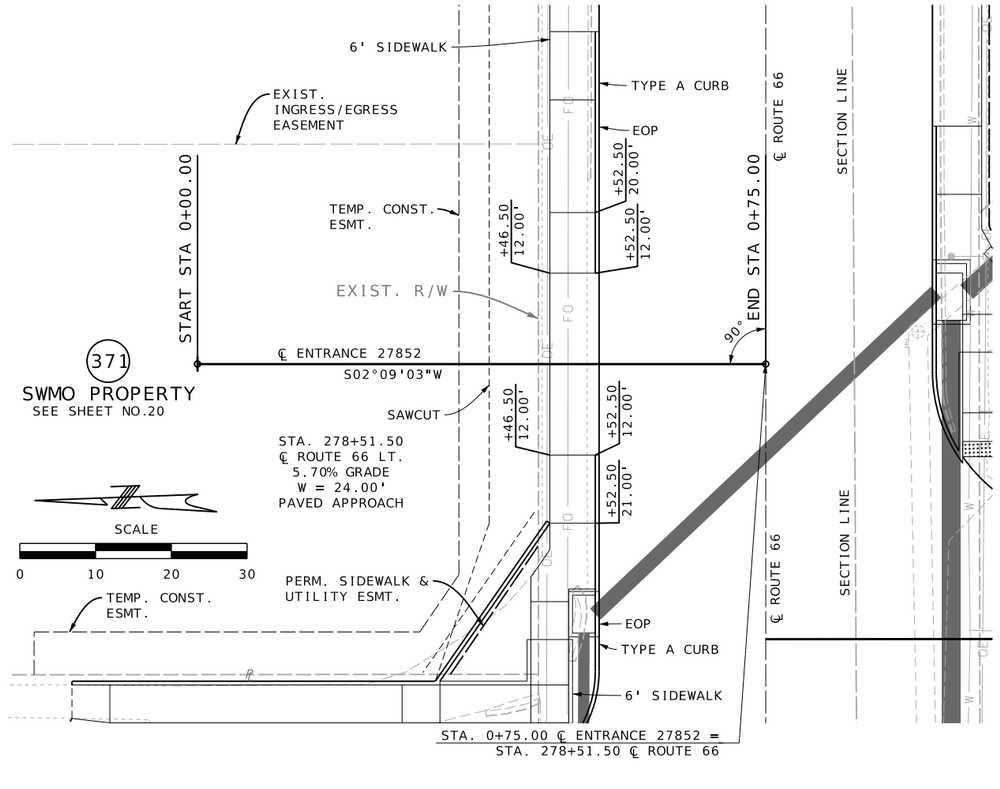
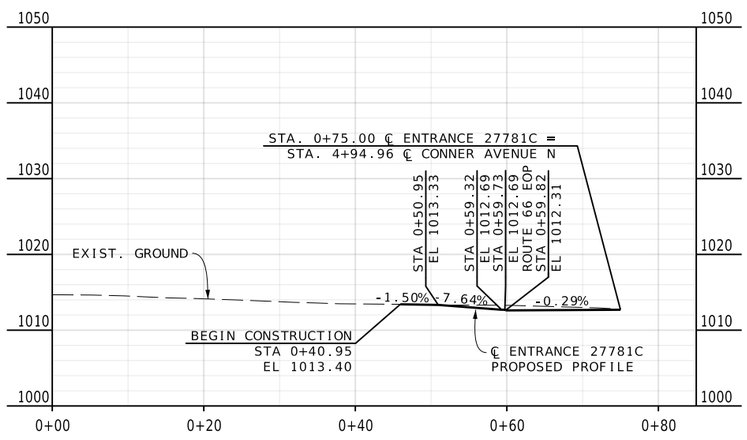
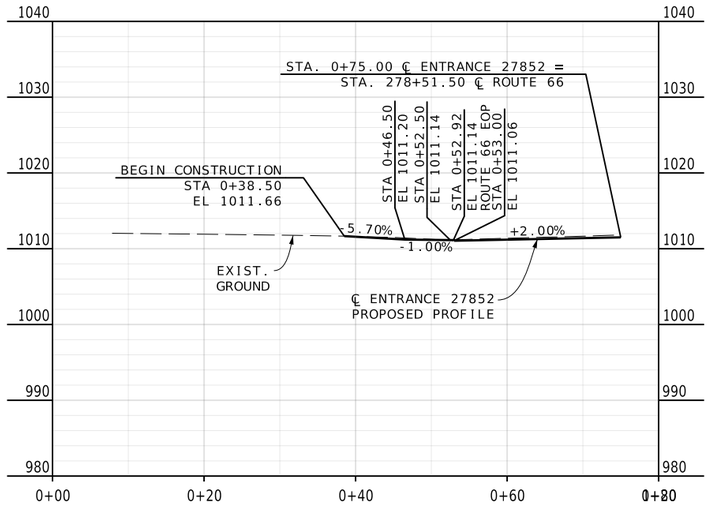
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 31 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	59

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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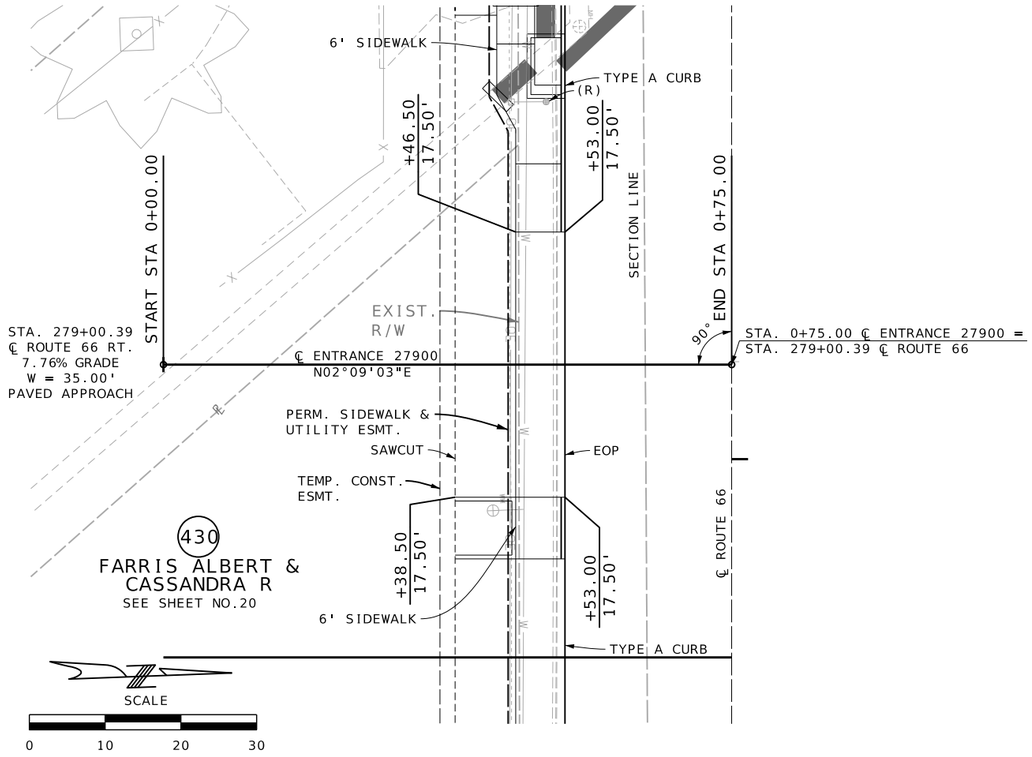
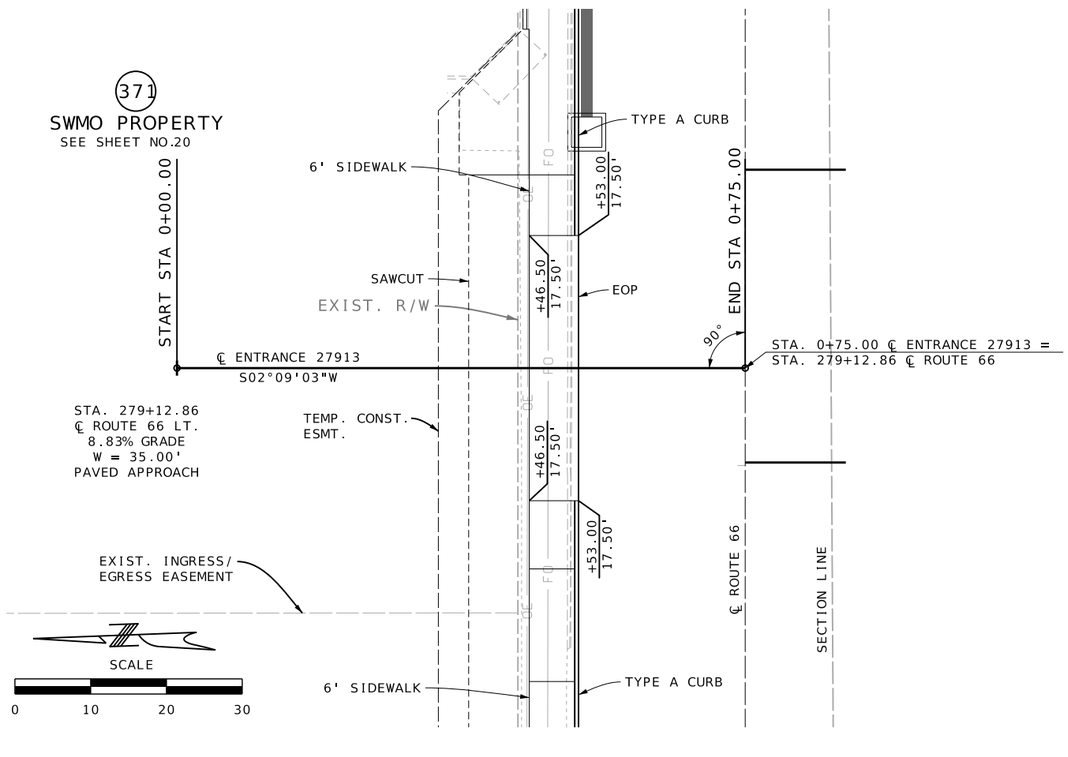
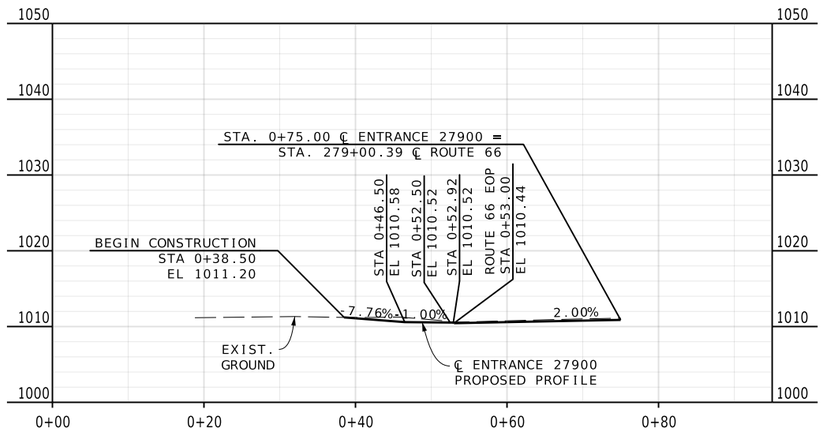
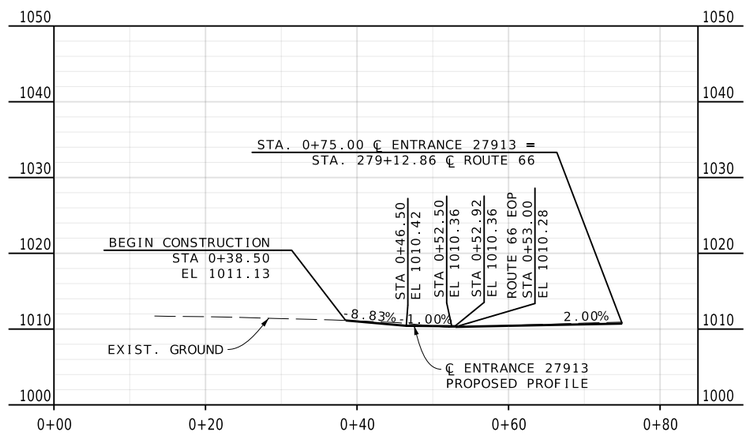
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 32 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	60

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

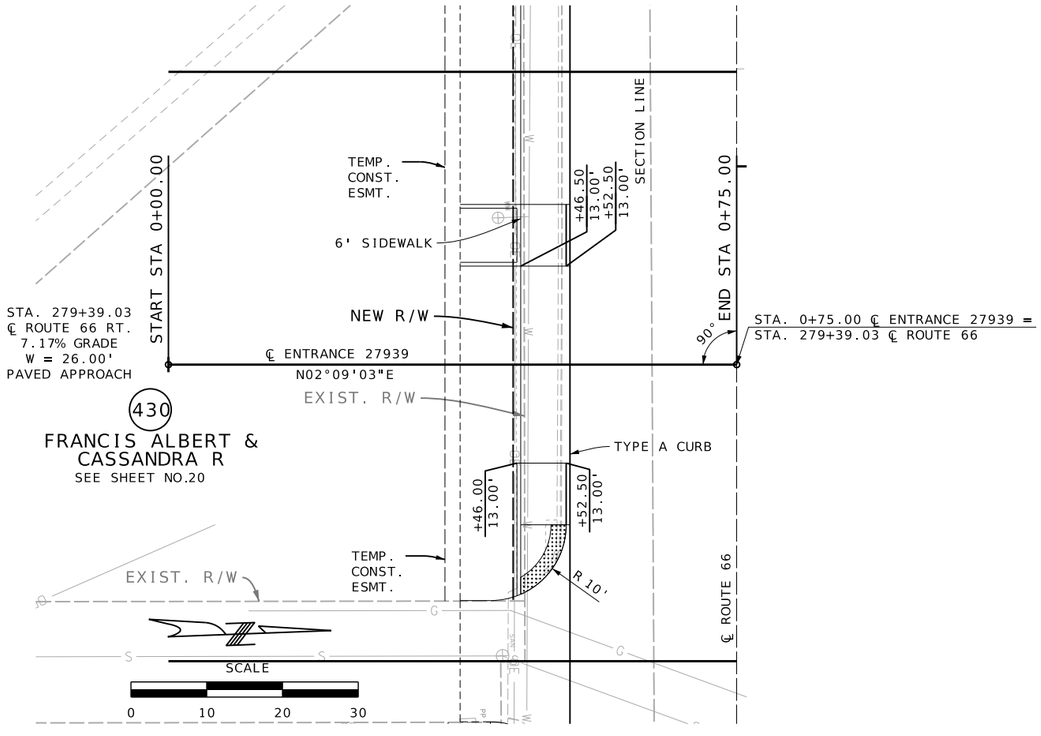
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

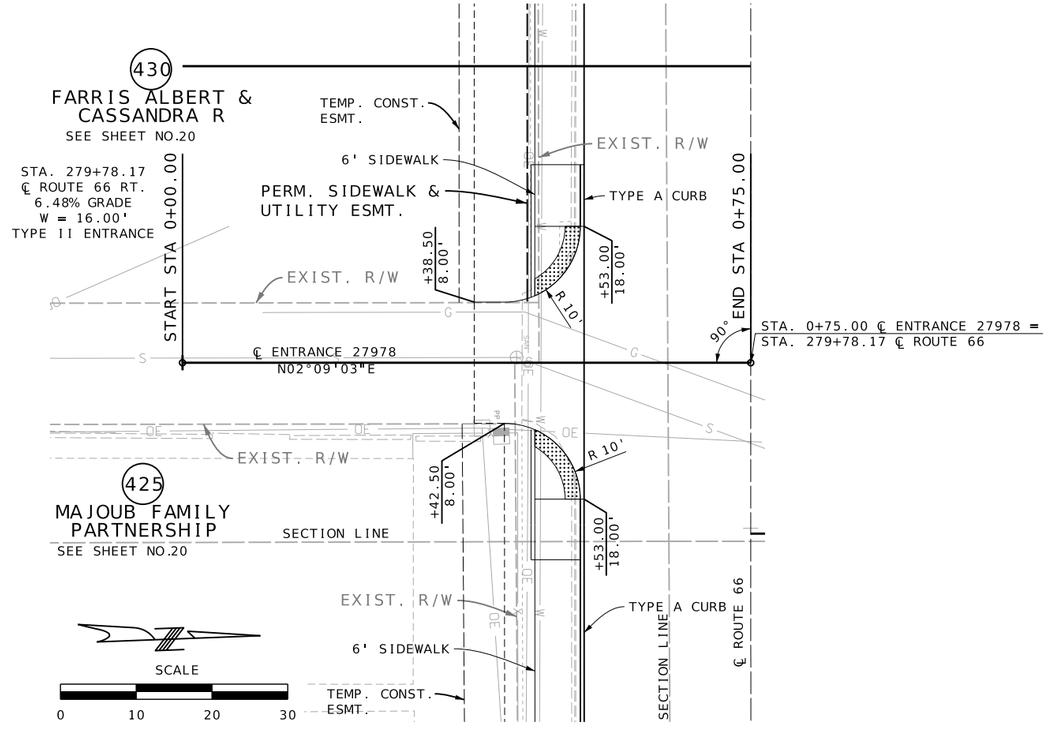
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 33 OF 79

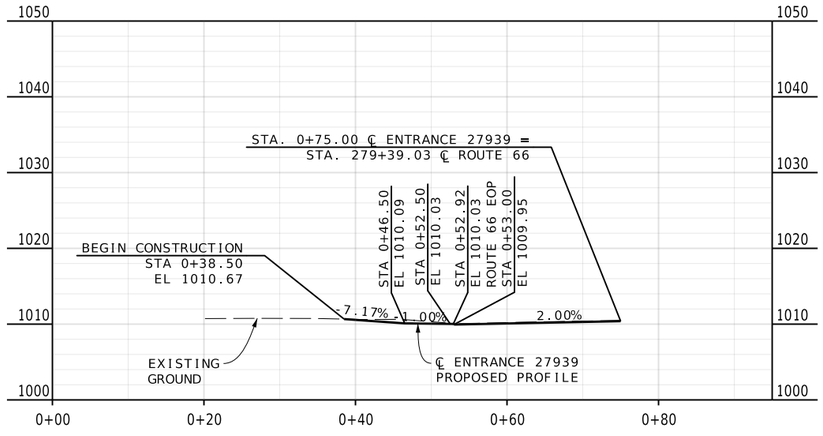


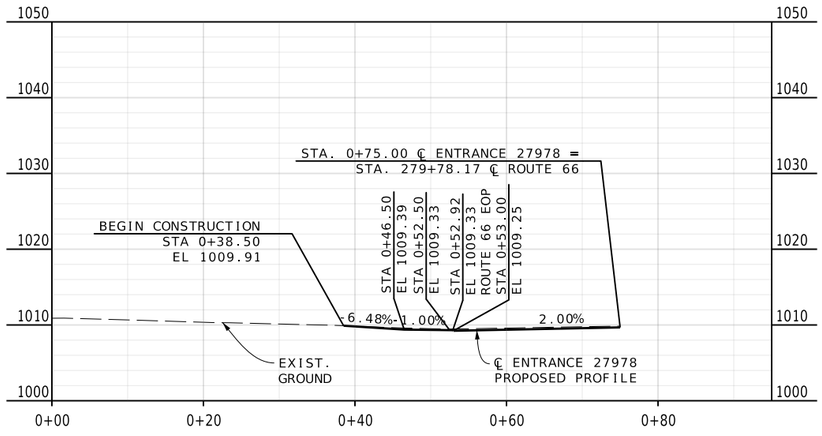
430
FRANCIS ALBERT &
CASSANDRA R
SEE SHEET NO.20



430
FARRIS ALBERT &
CASSANDRA R
SEE SHEET NO.20

425
MAJOUB FAMILY
PARTNERSHIP
SEE SHEET NO.20





REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	61

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

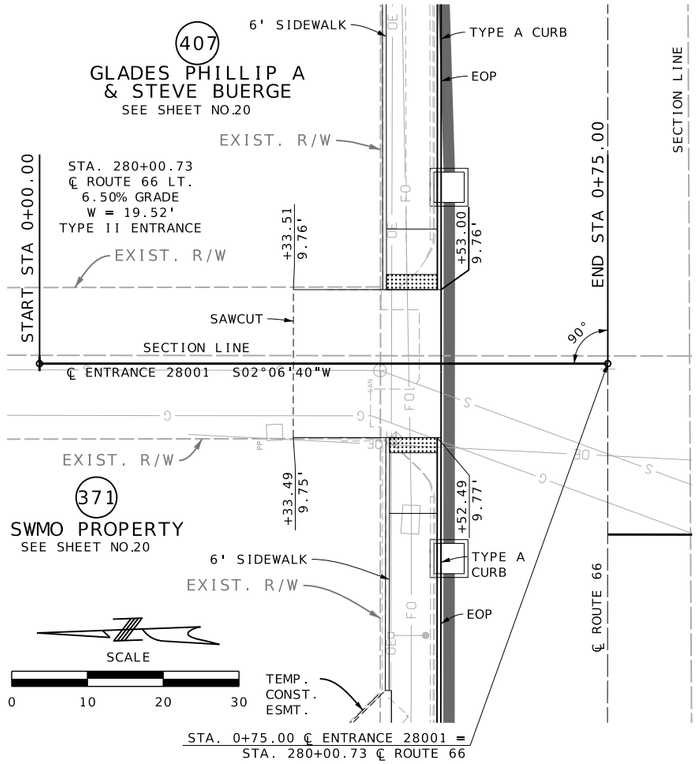
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

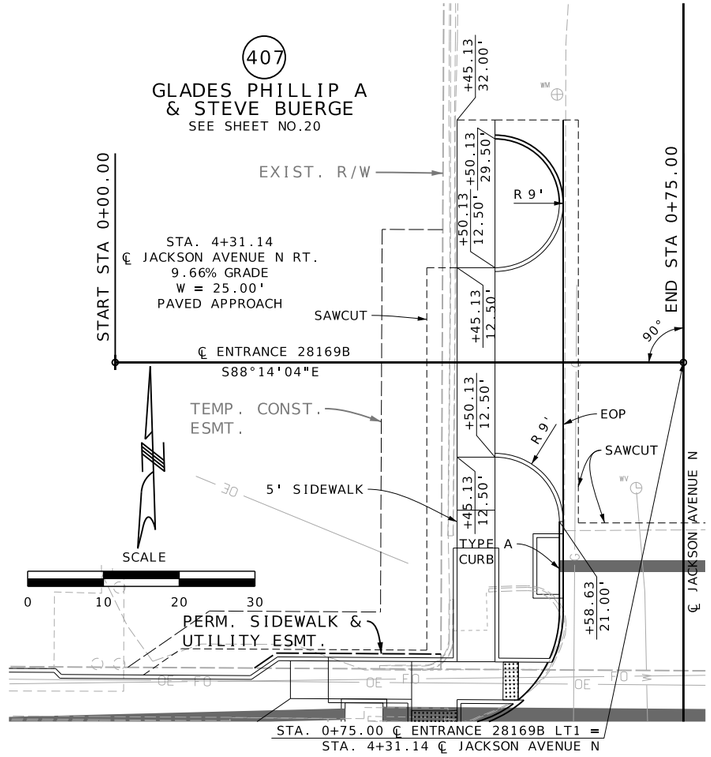
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

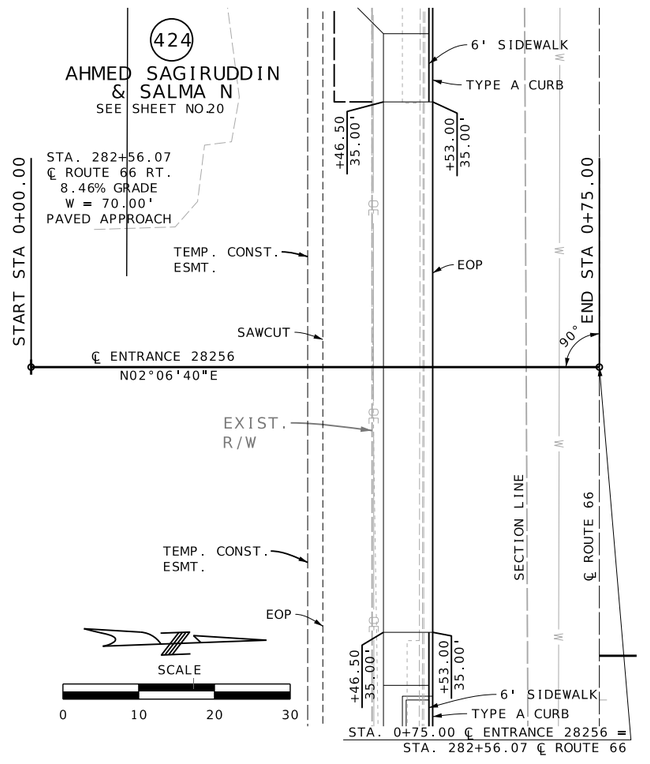
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

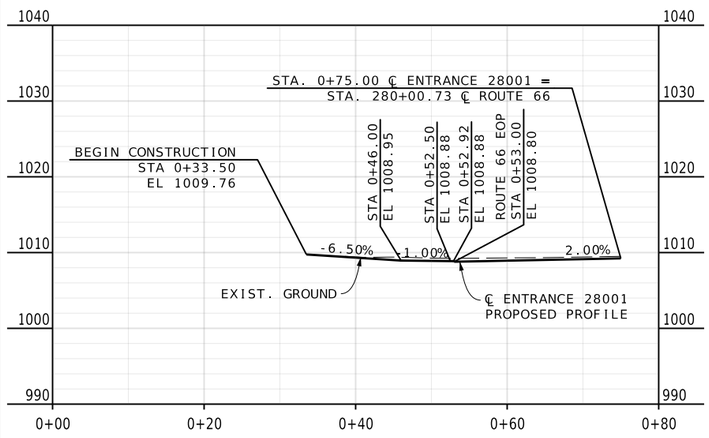
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

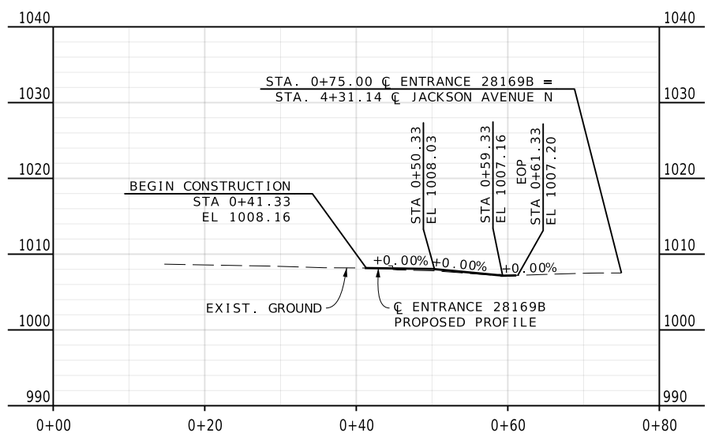
SPECIAL SHEET
ENTRANCES
SHEET 34 OF 79

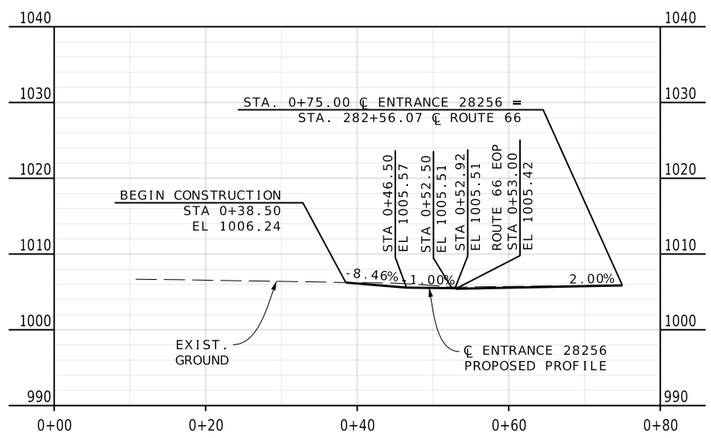












REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	62

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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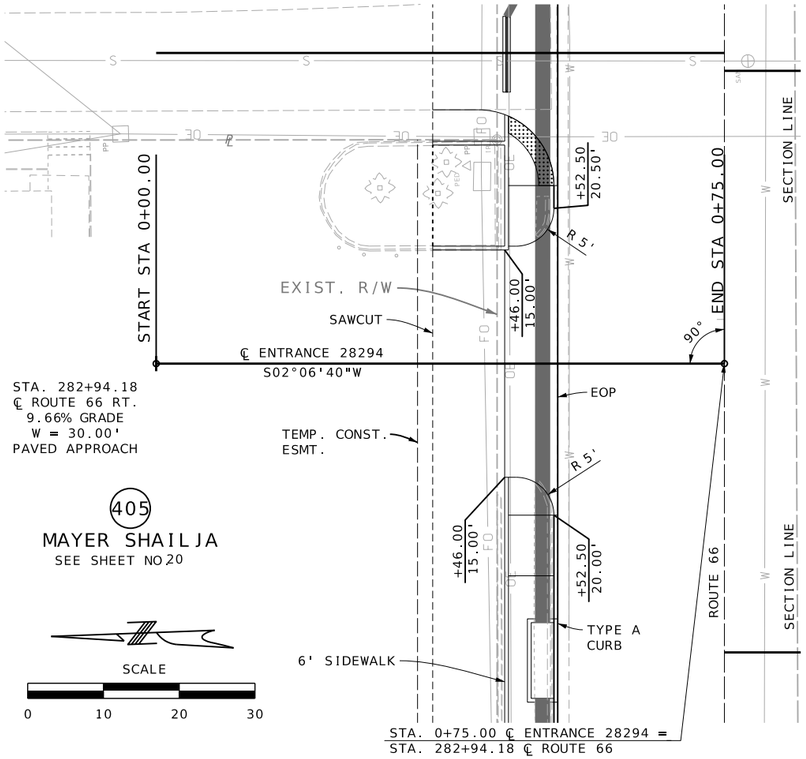
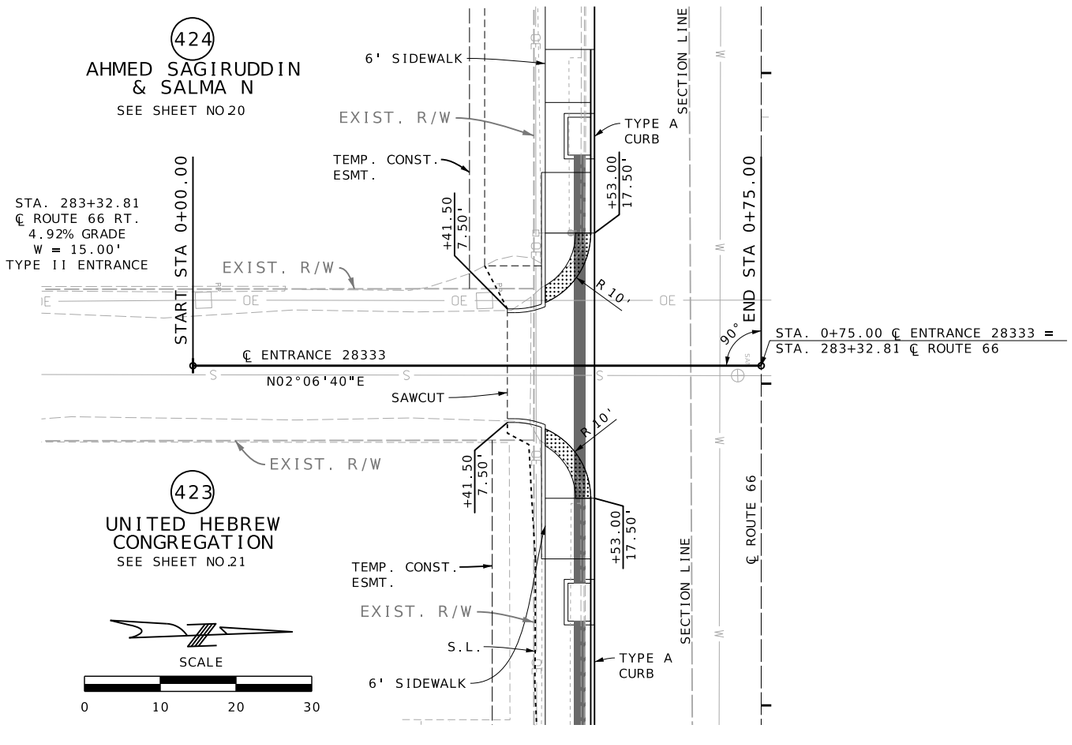
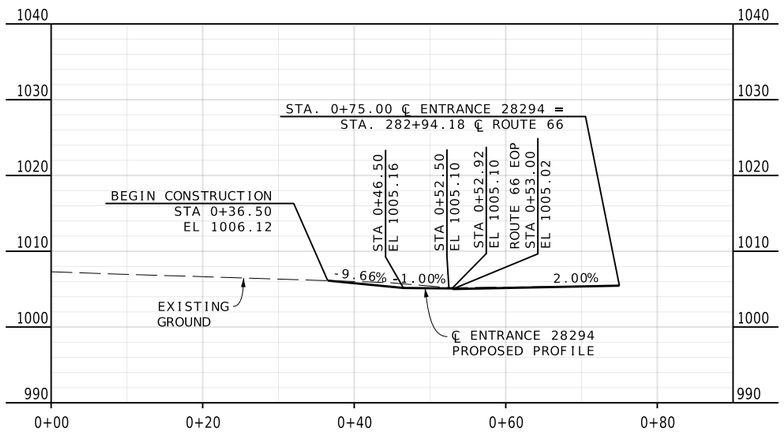
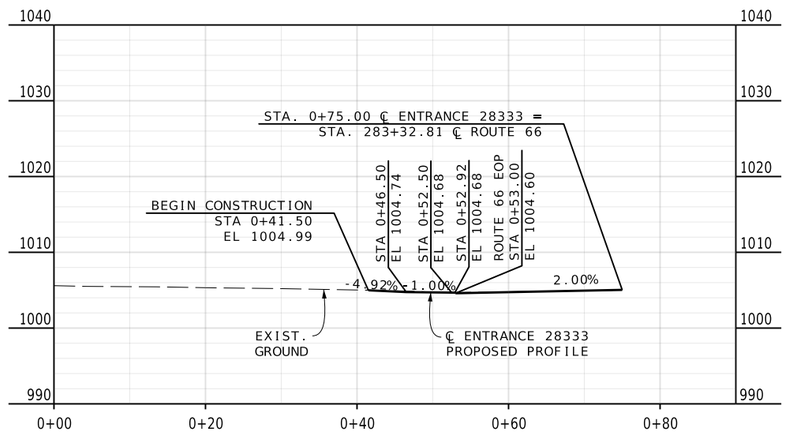
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 35 OF 79









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NUMBER
PE-2010019516

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MO# PE-2010019516

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DATE PREPARED	
8/8/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	63

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
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SPECIAL SHEET
ENTRANCES
SHEET 36 OF 79

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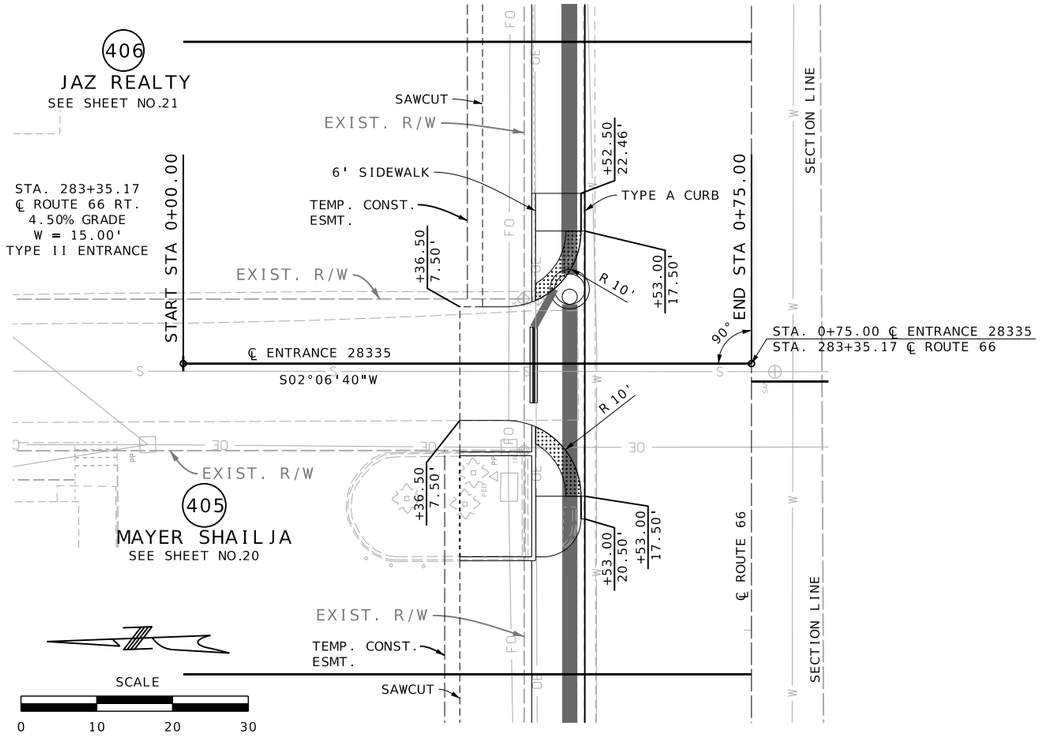
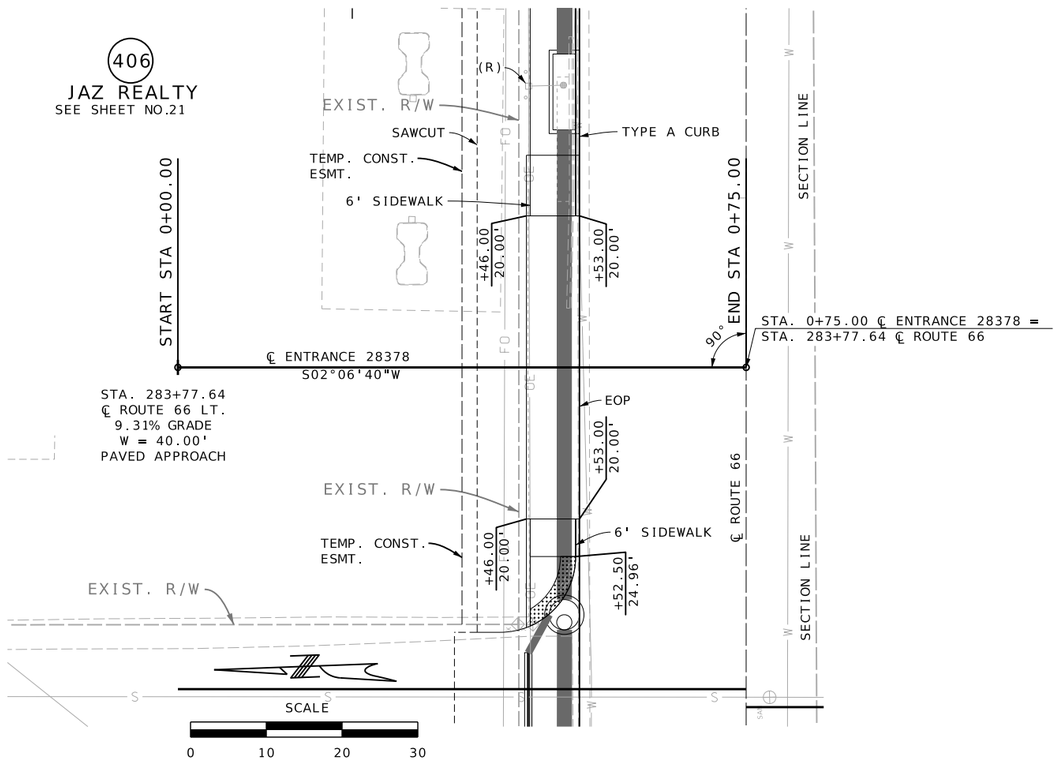
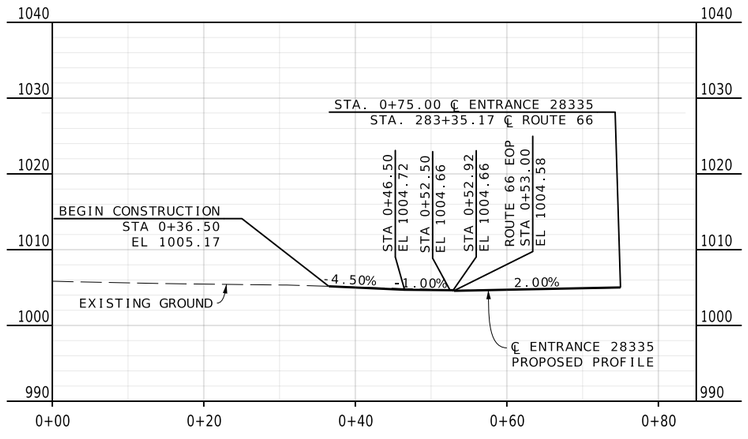
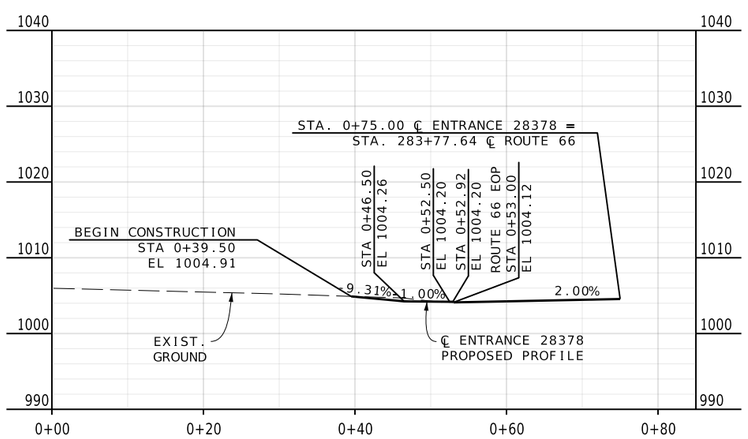








REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	64

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

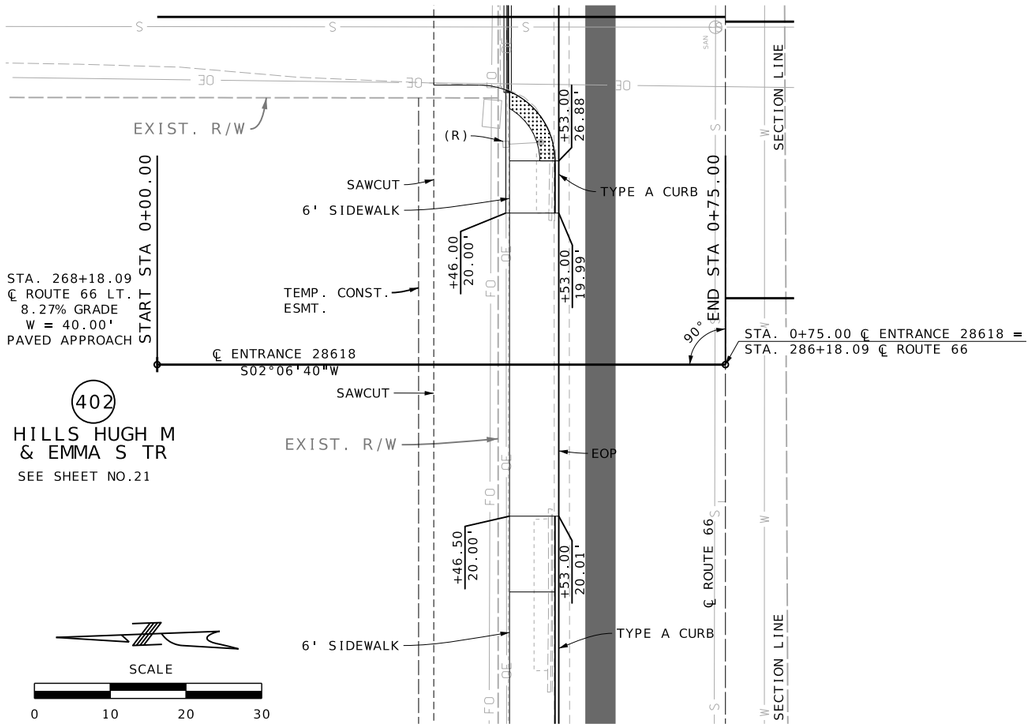
DATE	DESCRIPTION

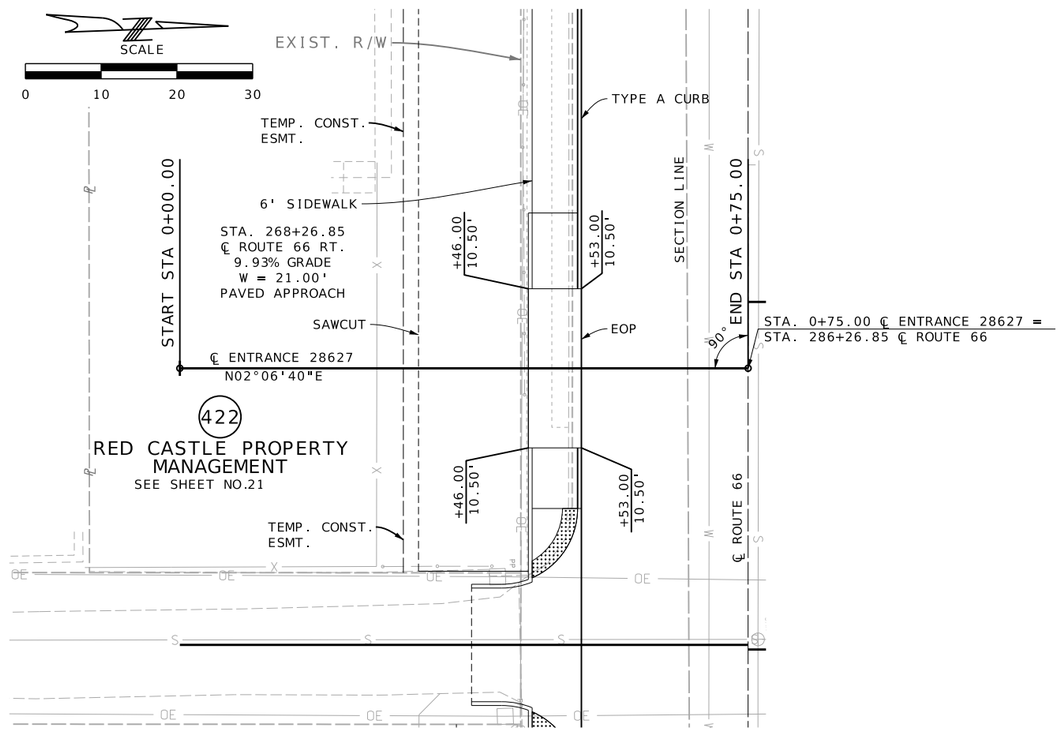
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

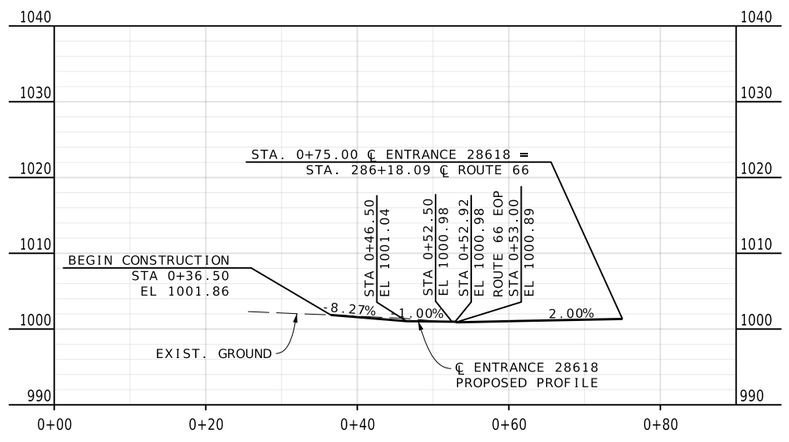
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

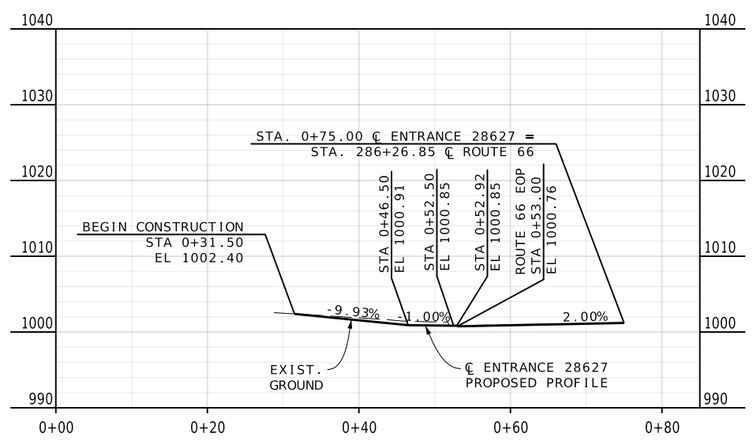
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 37 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	65

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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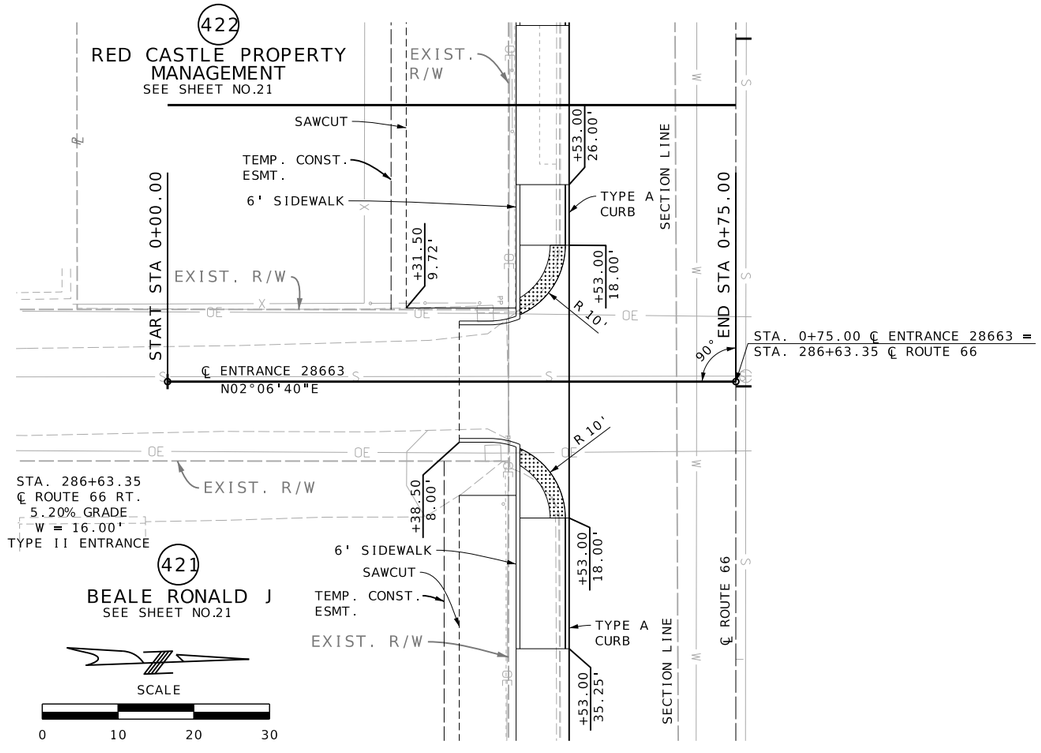
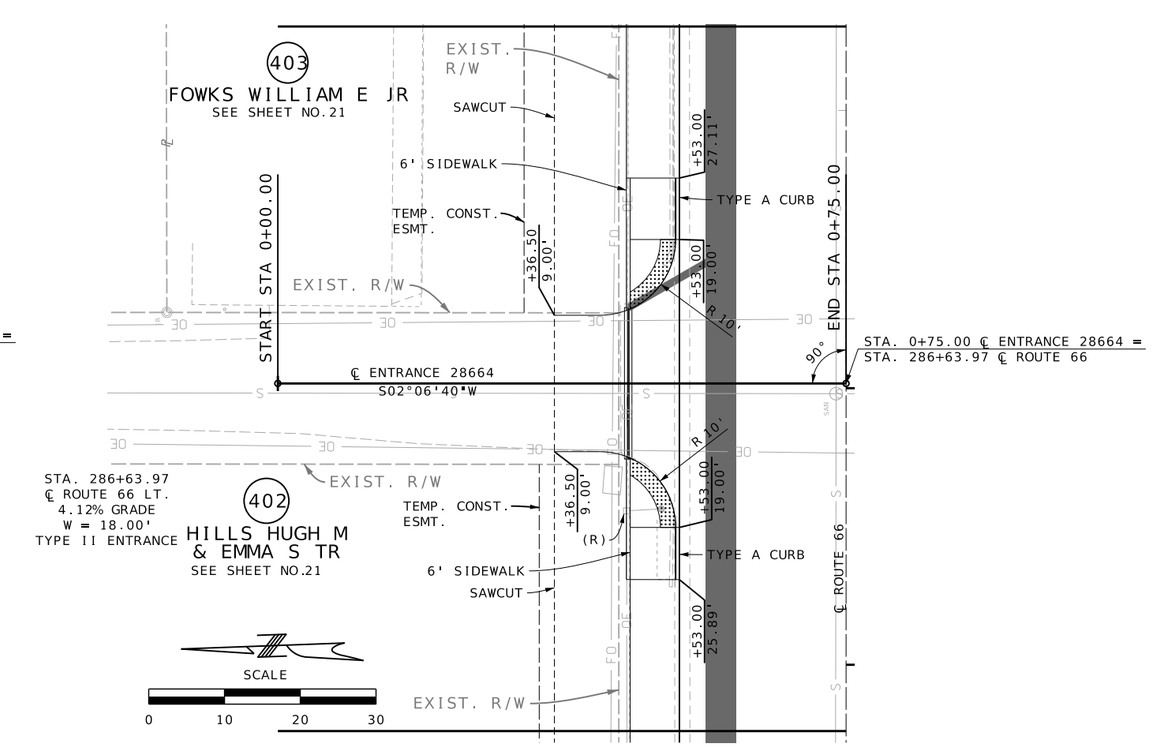
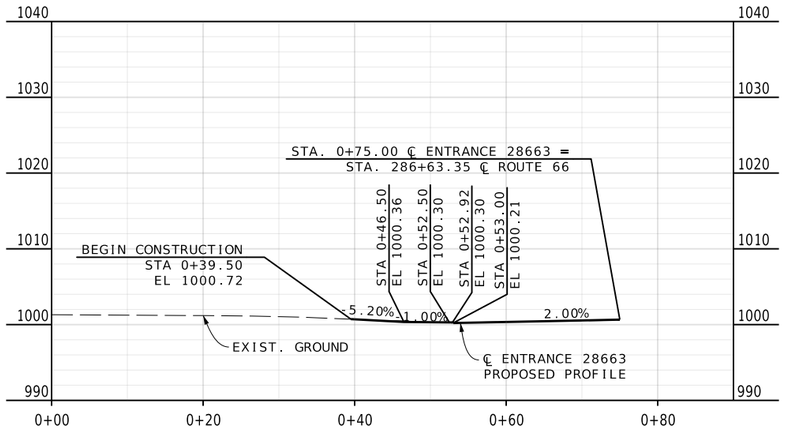
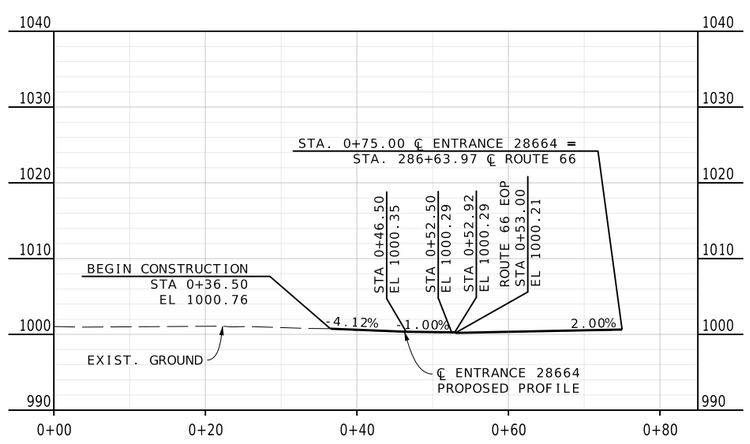
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 38 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	66

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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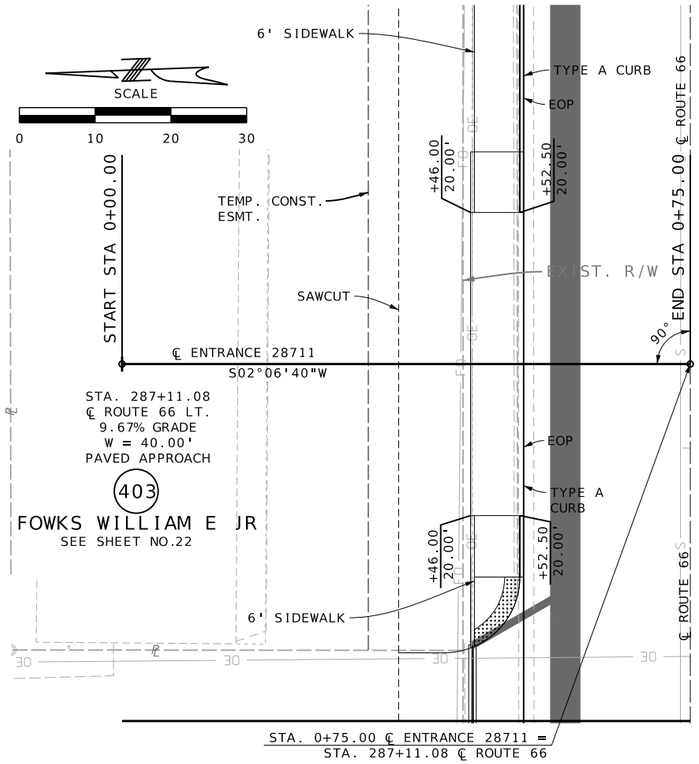
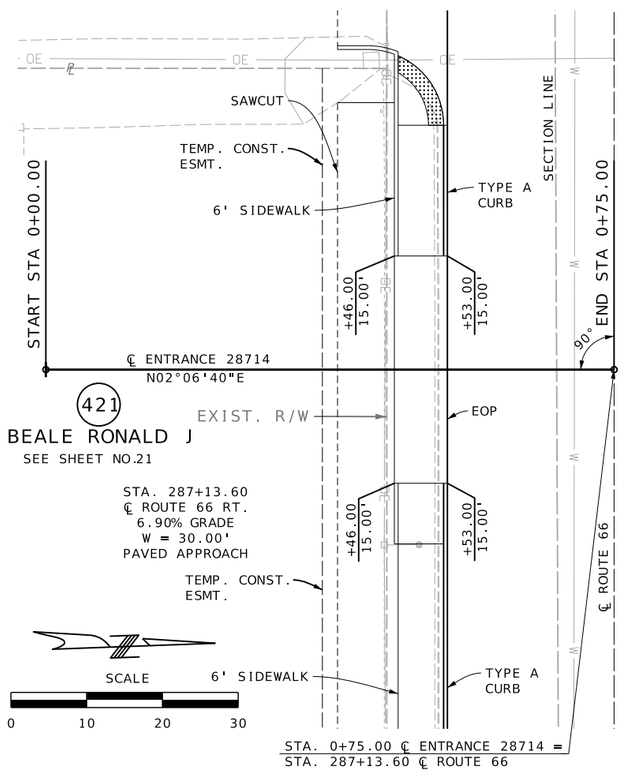
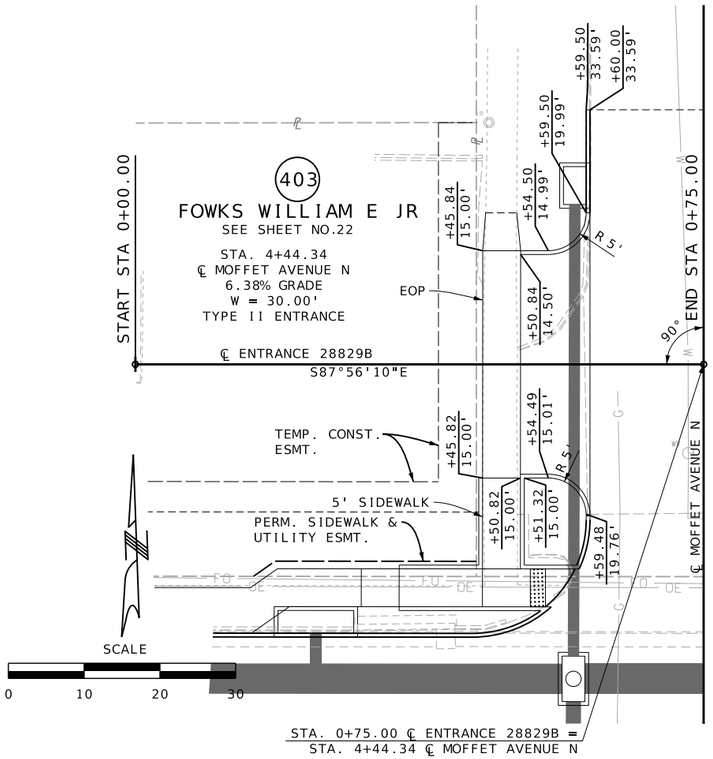
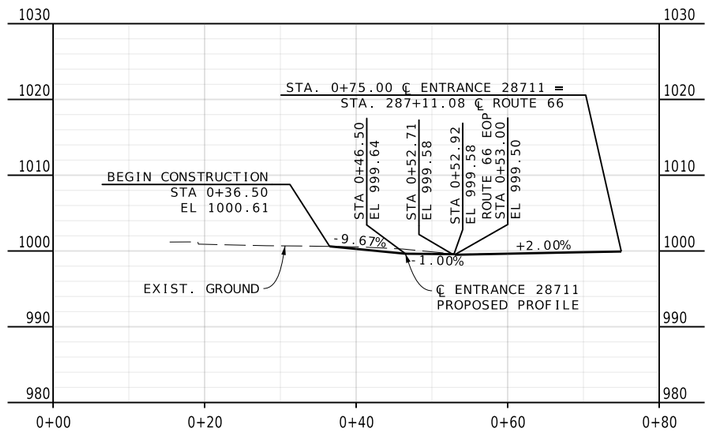
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

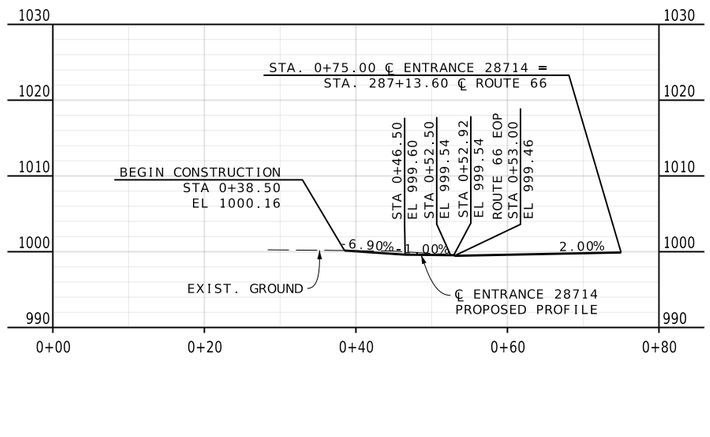
SPECIAL SHEET
ENTRANCES
SHEET 39 OF 79

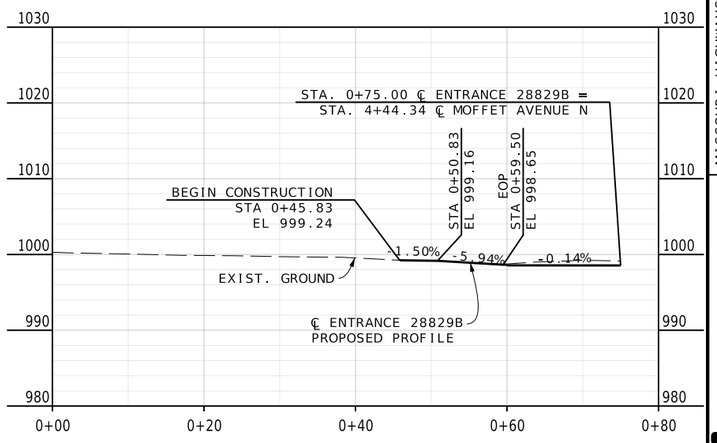












REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	67

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 40 OF 79

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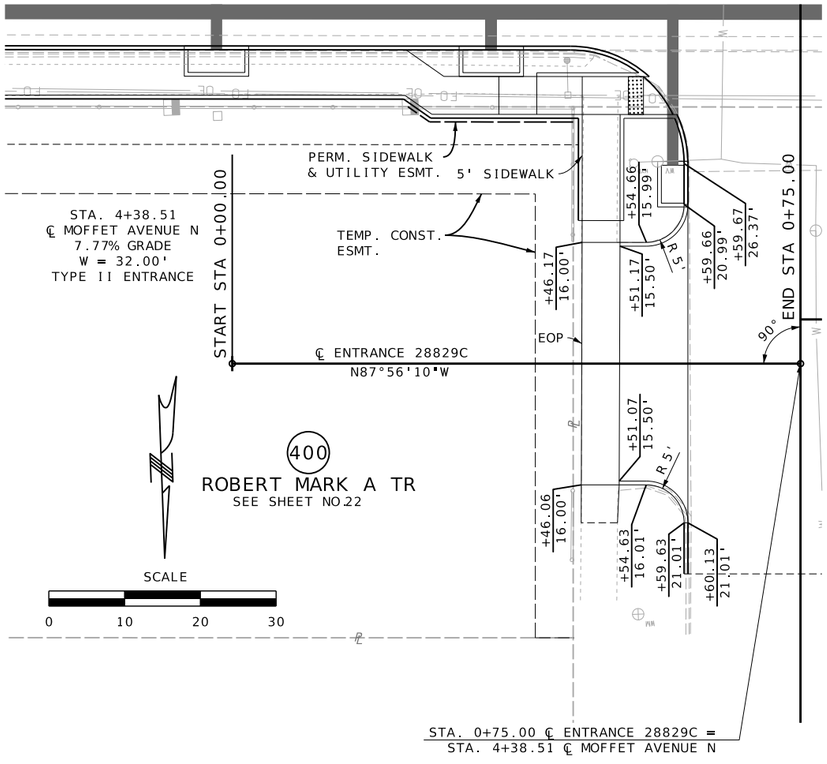
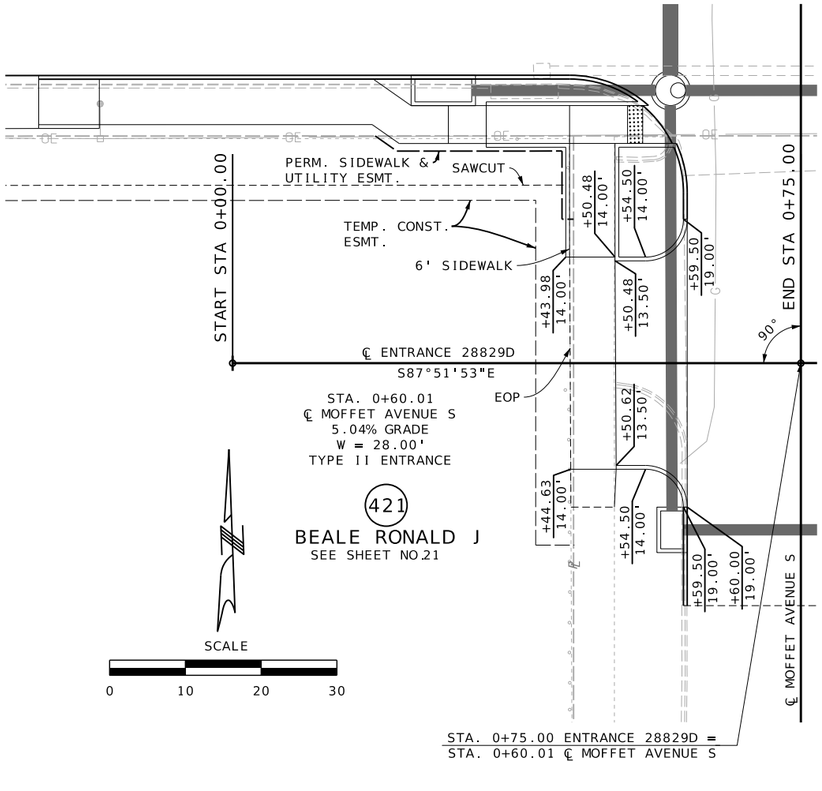
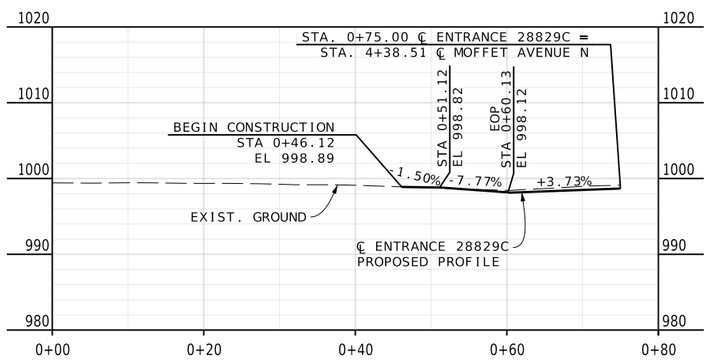
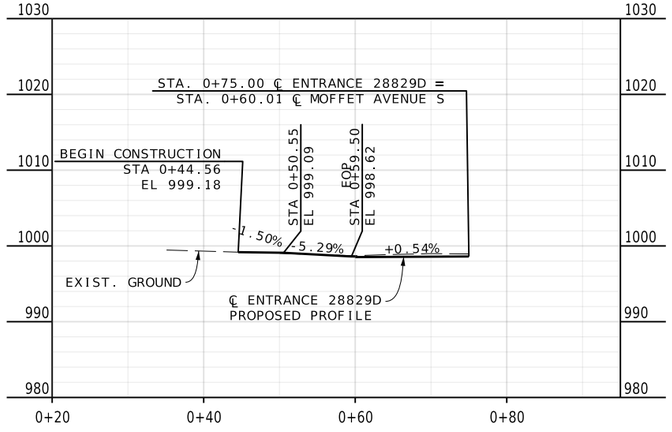








REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	68

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

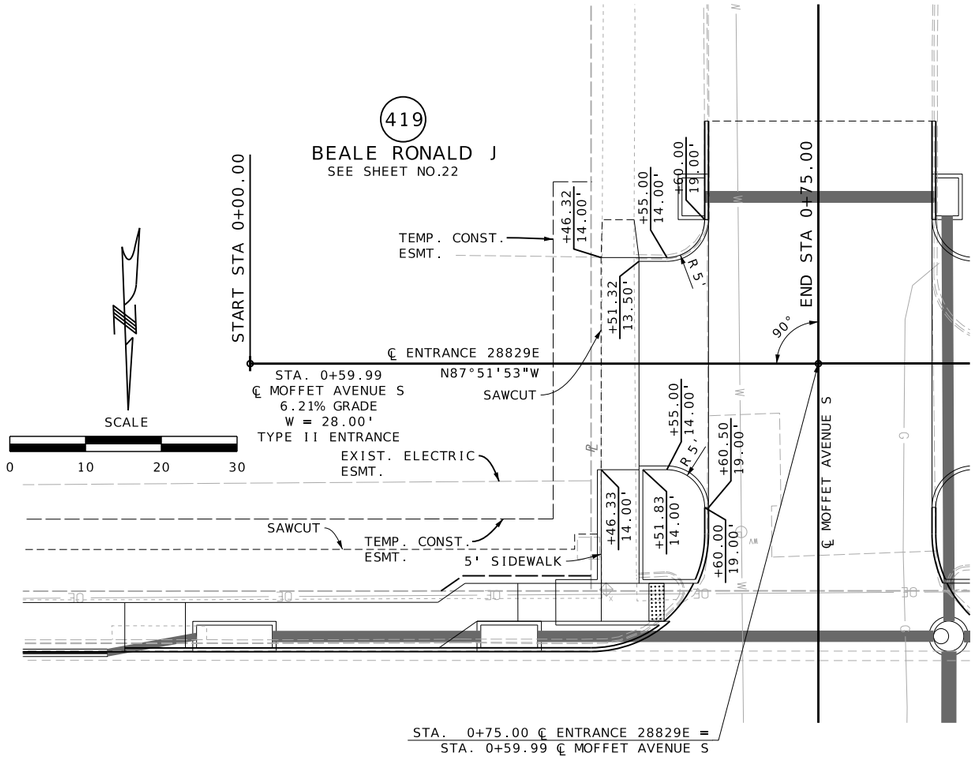
DESCRIPTION	DATE

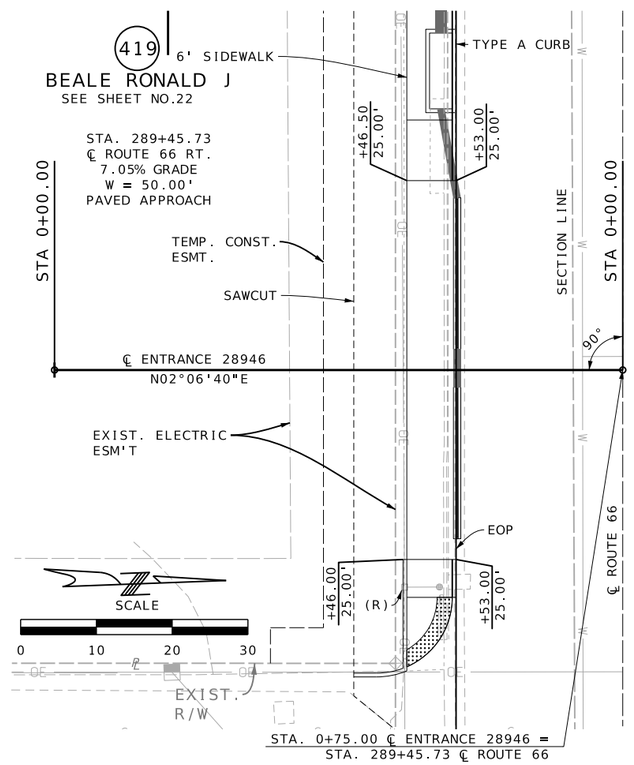
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

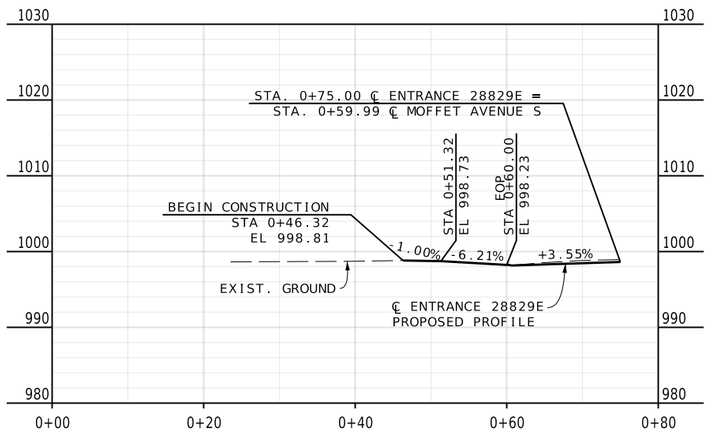
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

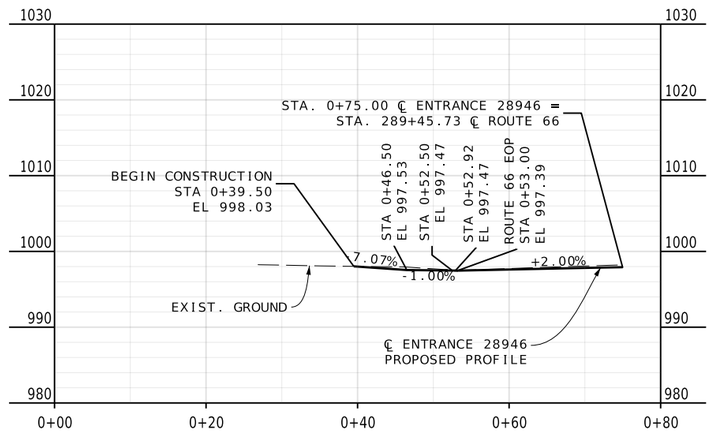
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 41 OF 79









REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	69

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

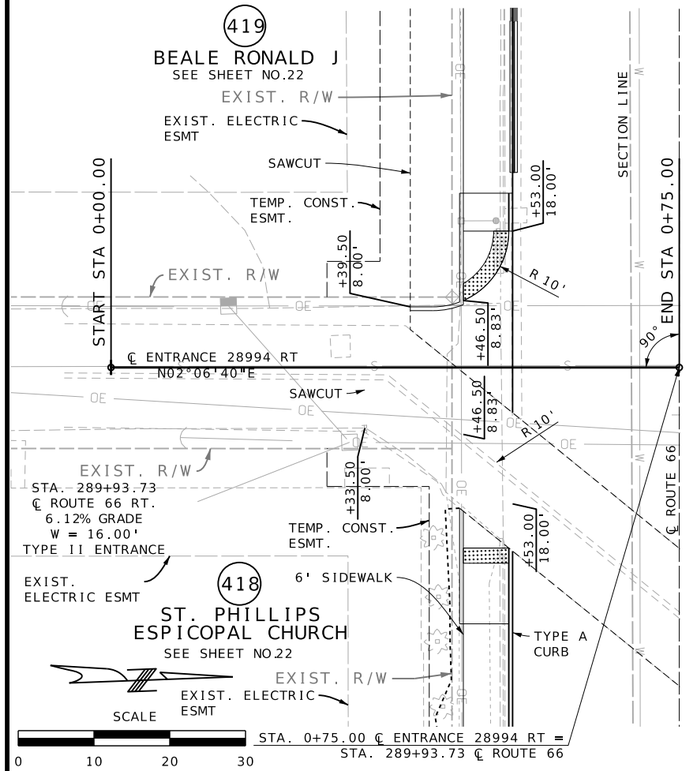
DATE	DESCRIPTION

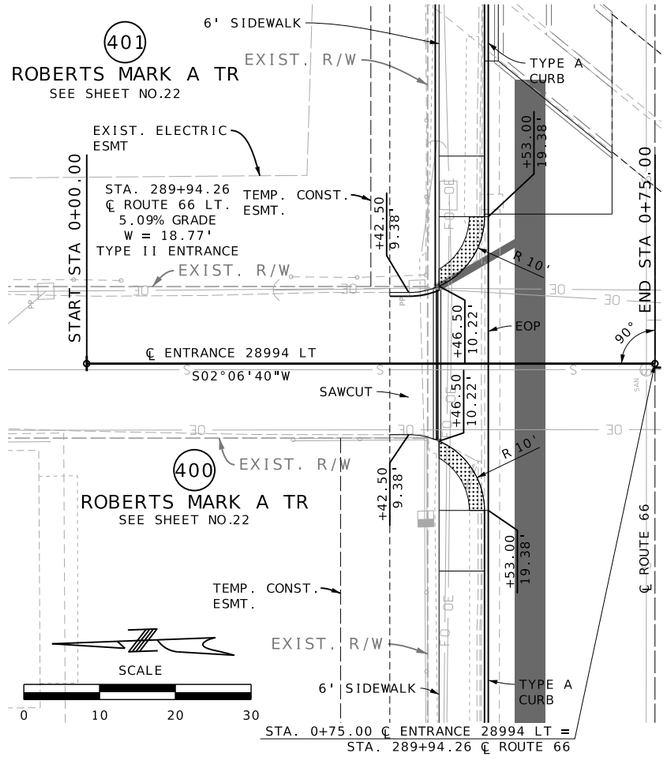
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

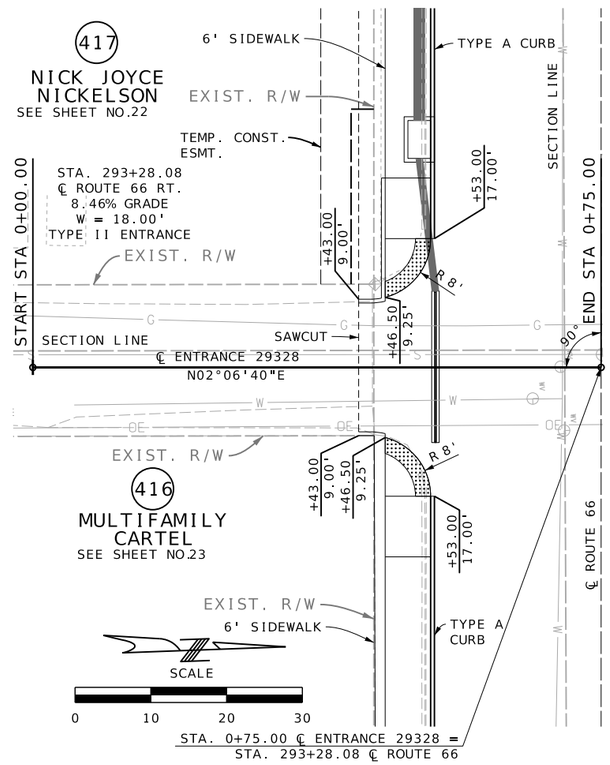
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

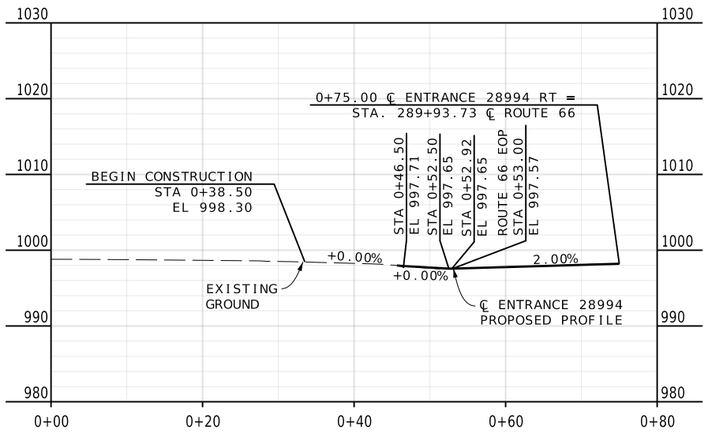
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

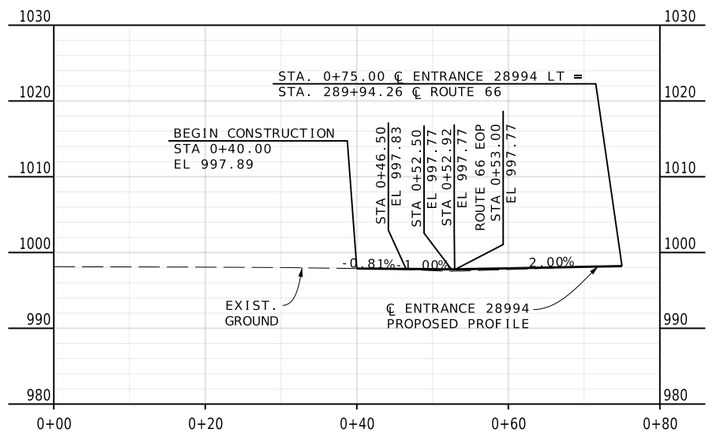
SPECIAL SHEET
ENTRANCES
SHEET 42 OF 79

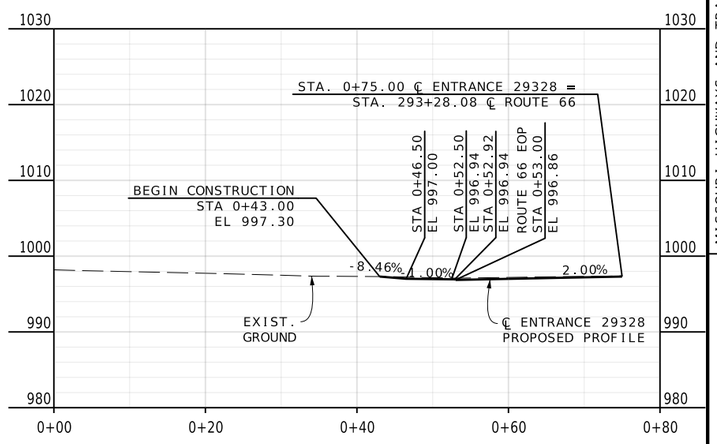












REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED	
10/7/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	70
COUNTY	
JASPER	
JOB NO.	
J7S2185C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

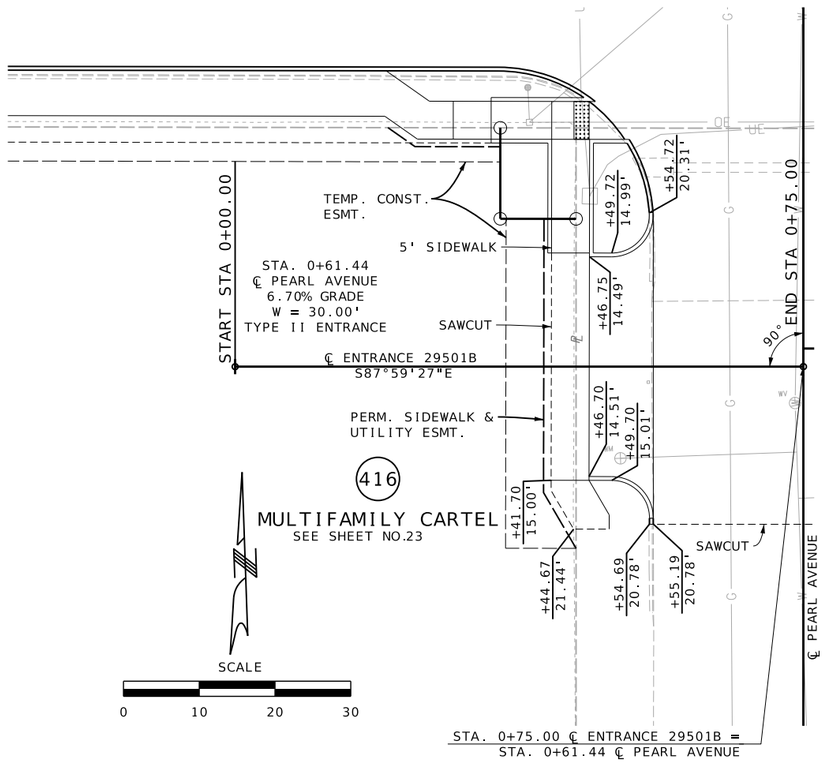
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

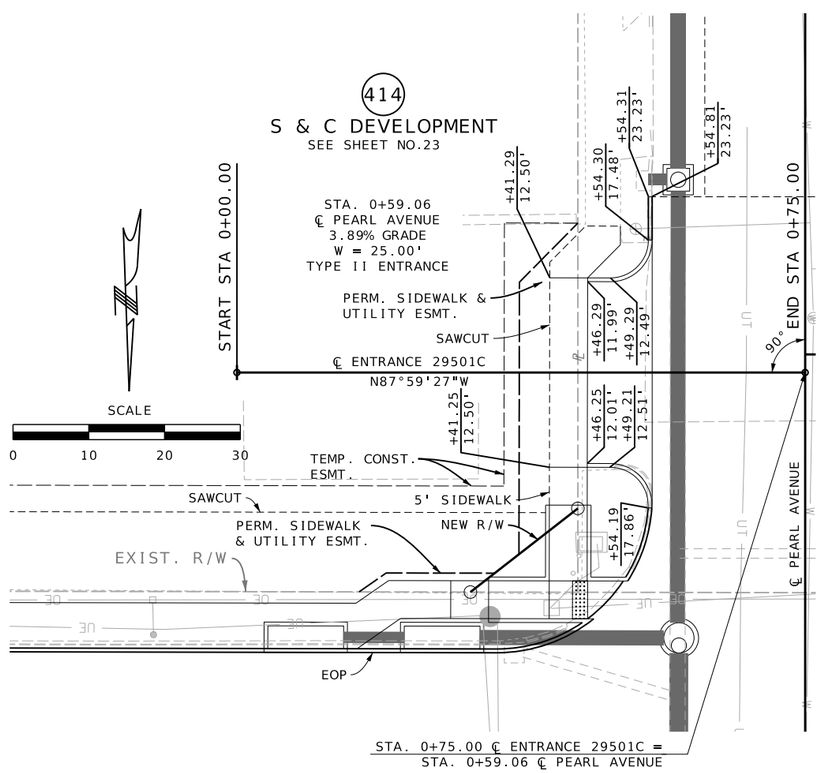
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

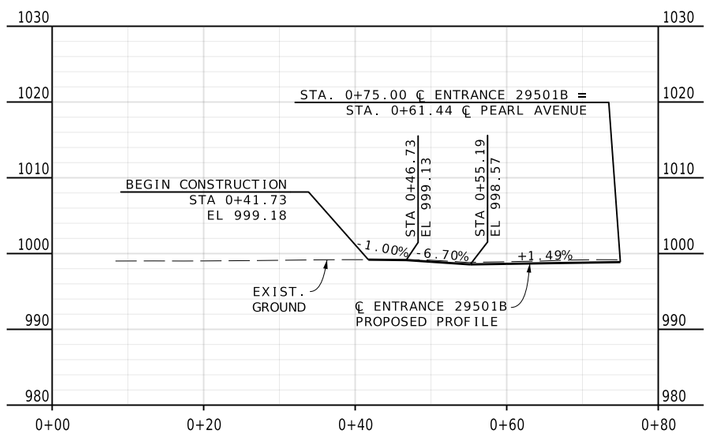
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

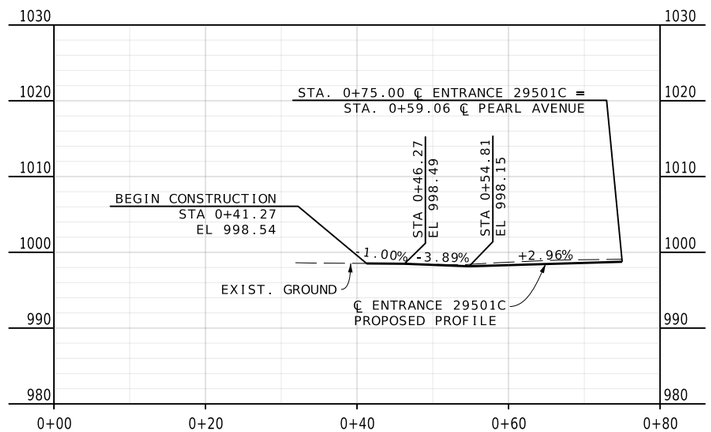
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 43 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	71

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

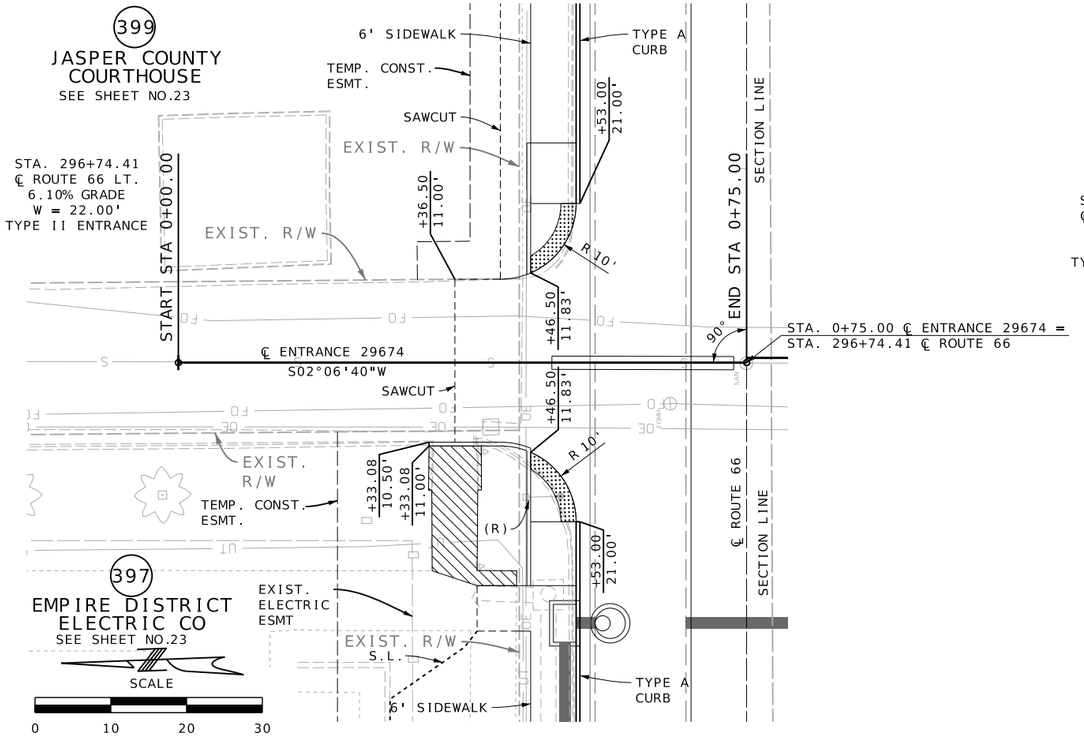
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

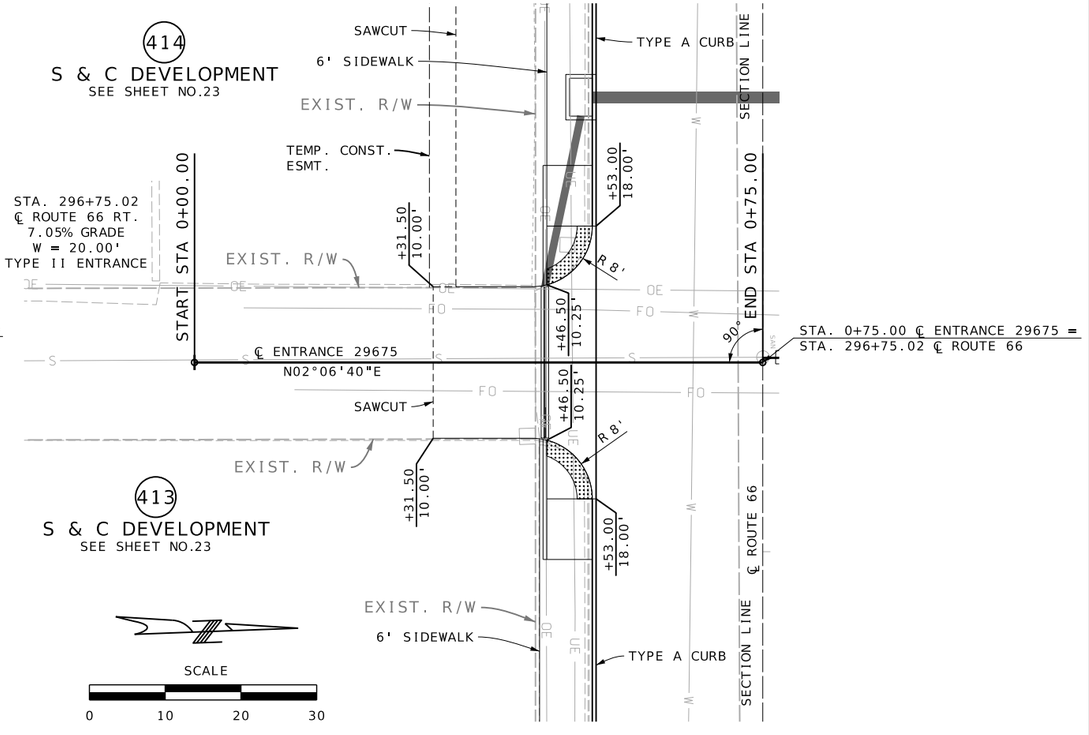
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

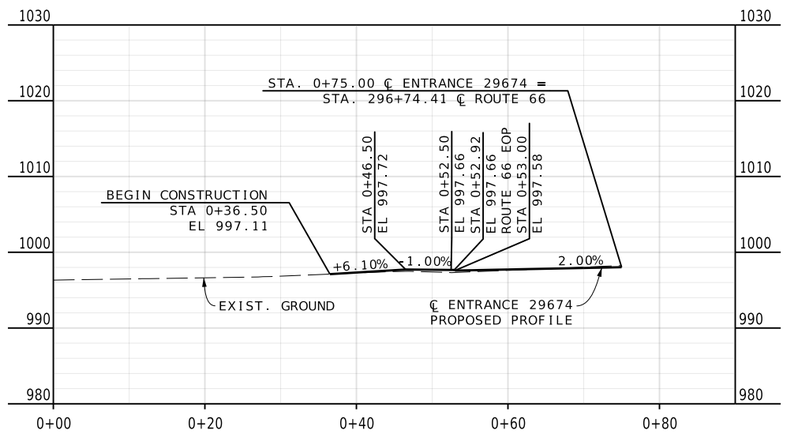
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

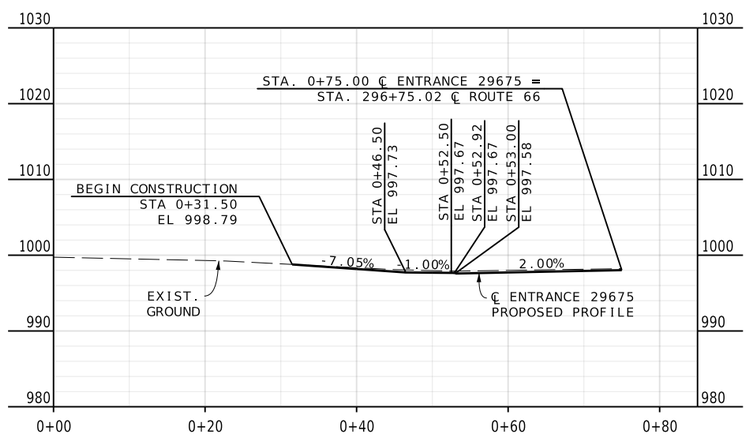
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 44 OF 79









REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	72

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

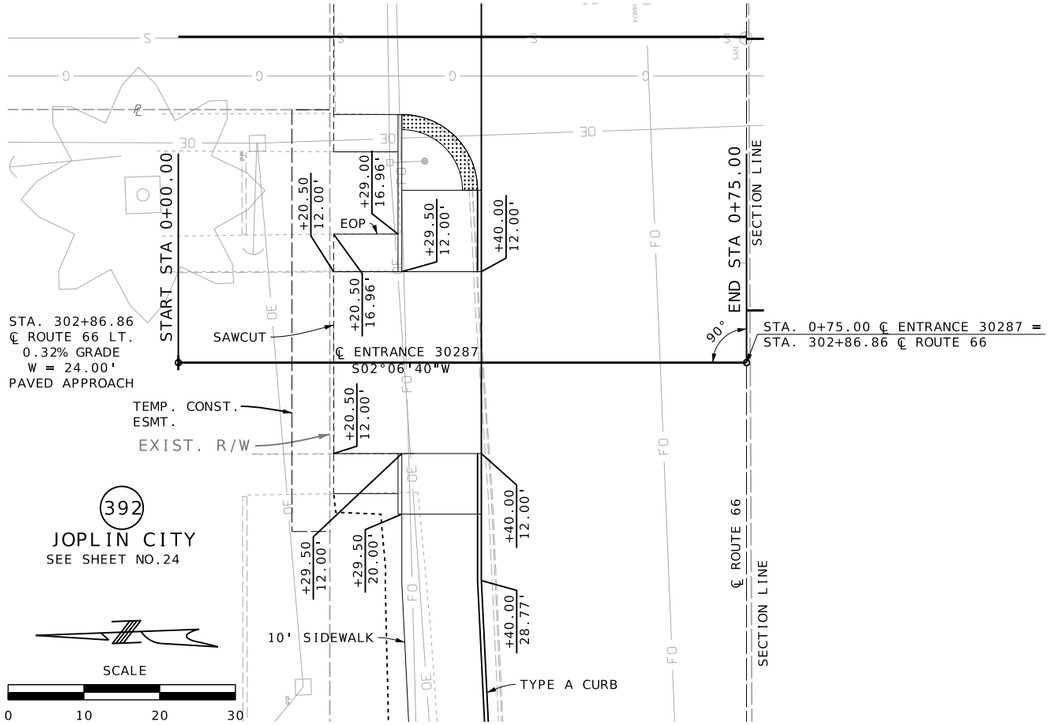
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

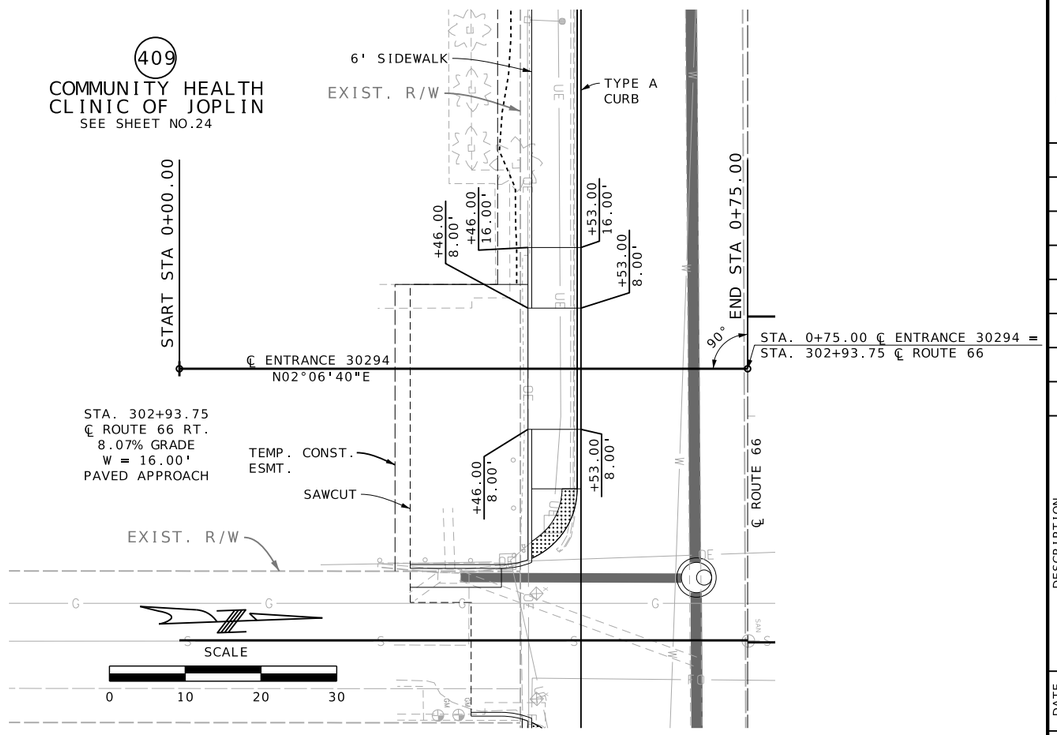
DATE	DESCRIPTION

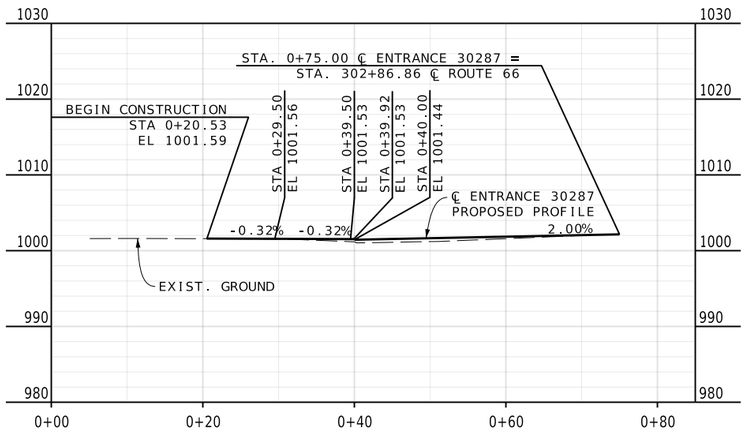
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

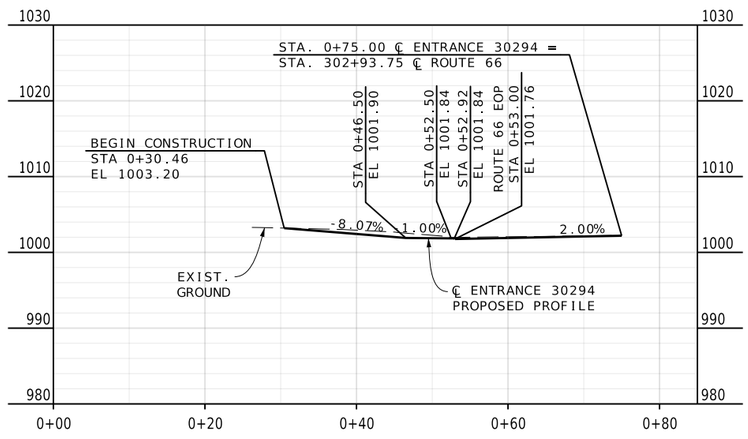
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 45 OF 79









REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	73

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 46 OF 79

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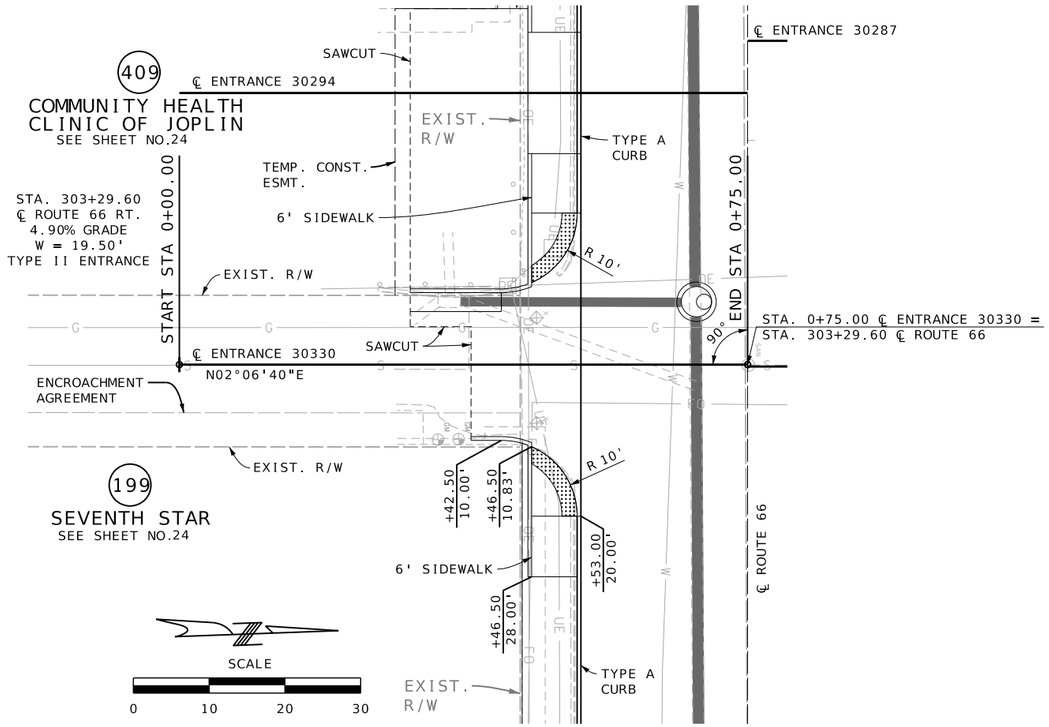
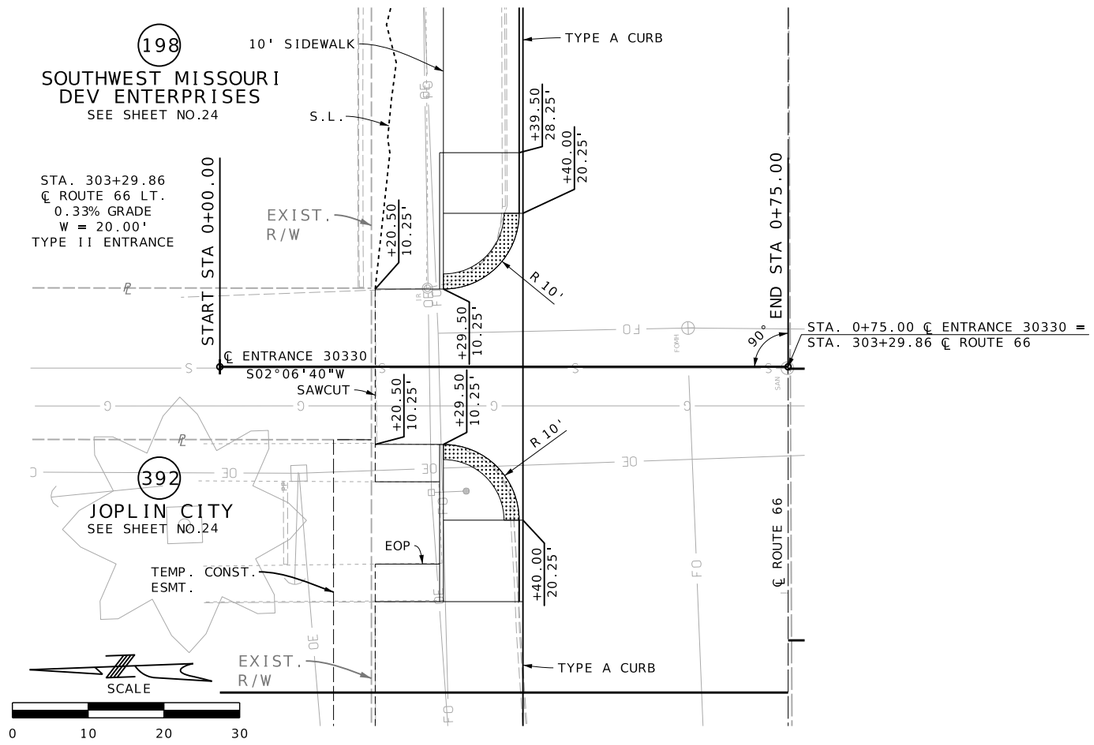
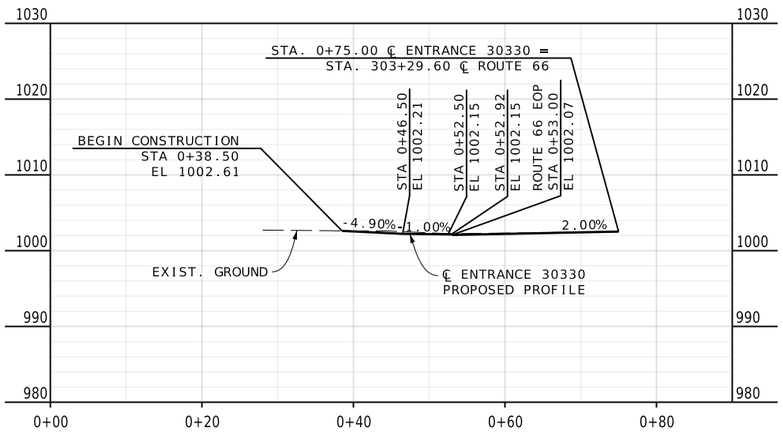
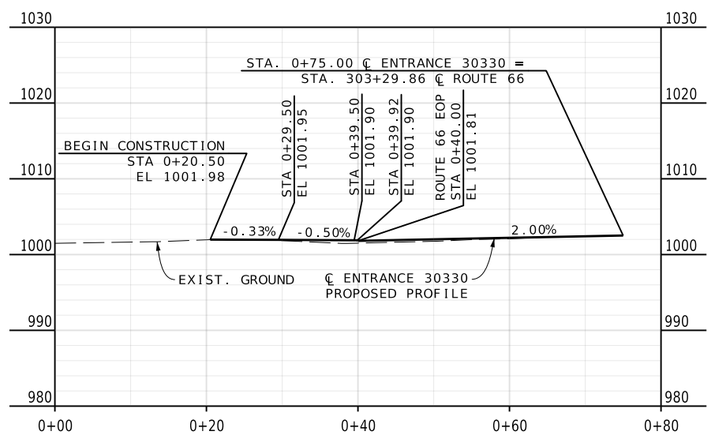








IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	74

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
ENTRANCES
SHEET 47 OF 79

TRUNCATED DOMES
PAVED APPROACH
AGGREGATE SURFACE
1.75" PMBP (BP-1) OVER 6.25" PMBP (BASE)
6" PCCP PAVEMENT

Ⓢ SIDEWALK
Ⓡ RAMP
Ⓣ TRANSITION
Ⓛ LANDING
ALTERNATE PVMT
9.5" PCCP PVMT

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0001	252+19.89	36.00	LT	334224.6040	2780036.2760
0002	252+19.89	42.00	LT	334230.3130	2780044.4870
0003	252+53.93	50.69	LT	334224.3170	2780044.2710
0004	252+59.14	62.10	LT	334221.3190	2780044.1640
0005	252+62.12	62.10	LT	334230.4370	2780054.9860
0006	252+71.02	55.43	LT	334229.8610	2780057.0980
0007	252+78.50	63.07	LT	334237.3170	2780100.2740
0008	252+71.14	70.68	LT	334238.7520	2780060.2990
0009	252+71.14	73.60	LT	334238.8240	2780058.3010
0010	252+82.22	67.78	LT	334237.2450	2780102.2720
0011	252+86.93	74.64	LT	334228.2200	2780102.8300
0012	252+97.31	112.83	LT	334228.6430	2780104.9770
0013	253+03.10	111.28	LT	334227.7670	2780115.4410
0014	253+70.07	110.63	LT	334221.7710	2780115.2260
0015	253+70.09	102.86	LT	334218.7730	2780115.1180
0016	253+72.75	84.30	LT	334221.4480	2780124.2200
0017	253+79.90	80.64	LT	334231.39	2780014.62
0018	253+80.57	78.23	LT	334225.4240	2780013.4480
0019	253+77.80	71.80	LT	334227.4440	2780124.4350
0020	253+83.21	63.18	LT	334230.6000	2780036.4920

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0021	253+93.09	63.70	LT	334254.6810	2779970.4670
0022	253+87.60	57.10	LT	334248.2820	2779964.7480
0023	253+90.75	57.42	LT	334248.4950	2779967.9030
0024	253+91.96	56.23	LT	334247.2550	2779969.0680
0025	253+91.96	52.81	LT	334243.8410	2779968.9450
0026	253+97.96	51.10	LT	334241.9190	2779974.8800
0027	254+01.57	55.89	LT	334246.5770	2779978.6620
0028	254+08.03	56.01	LT	334246.4620	2779985.1230
0029	254+08.27	51.52	LT	334241.9670	2779985.2010
0030	254+05.34	46.28	LT	334236.8400	2779982.0840
0031	254+07.95	44.82	LT	334235.2850	2779984.6420
0032	254+10.88	50.06	LT	334240.4120	2779987.7590
0033	254+21.79	43.95	LT	334233.9190	2779998.4380
0034	254+19.51	38.35	LT	334228.3990	2779995.9670
0035	254+33.55	50.56	LT	334240.1030	2780010.4300
0036	254+33.55	42.10	LT	334231.6500	2780010.1260
0037	254+38.05	50.56	LT	334239.9420	2780014.9270
0038	254+38.05	42.00	LT	334231.3850	2780013.4480
0039	254+37.09	36.00	LT	334225.4240	2780013.4480
0040	254+59.93	42.00	LT	334230.6000	2780036.4920

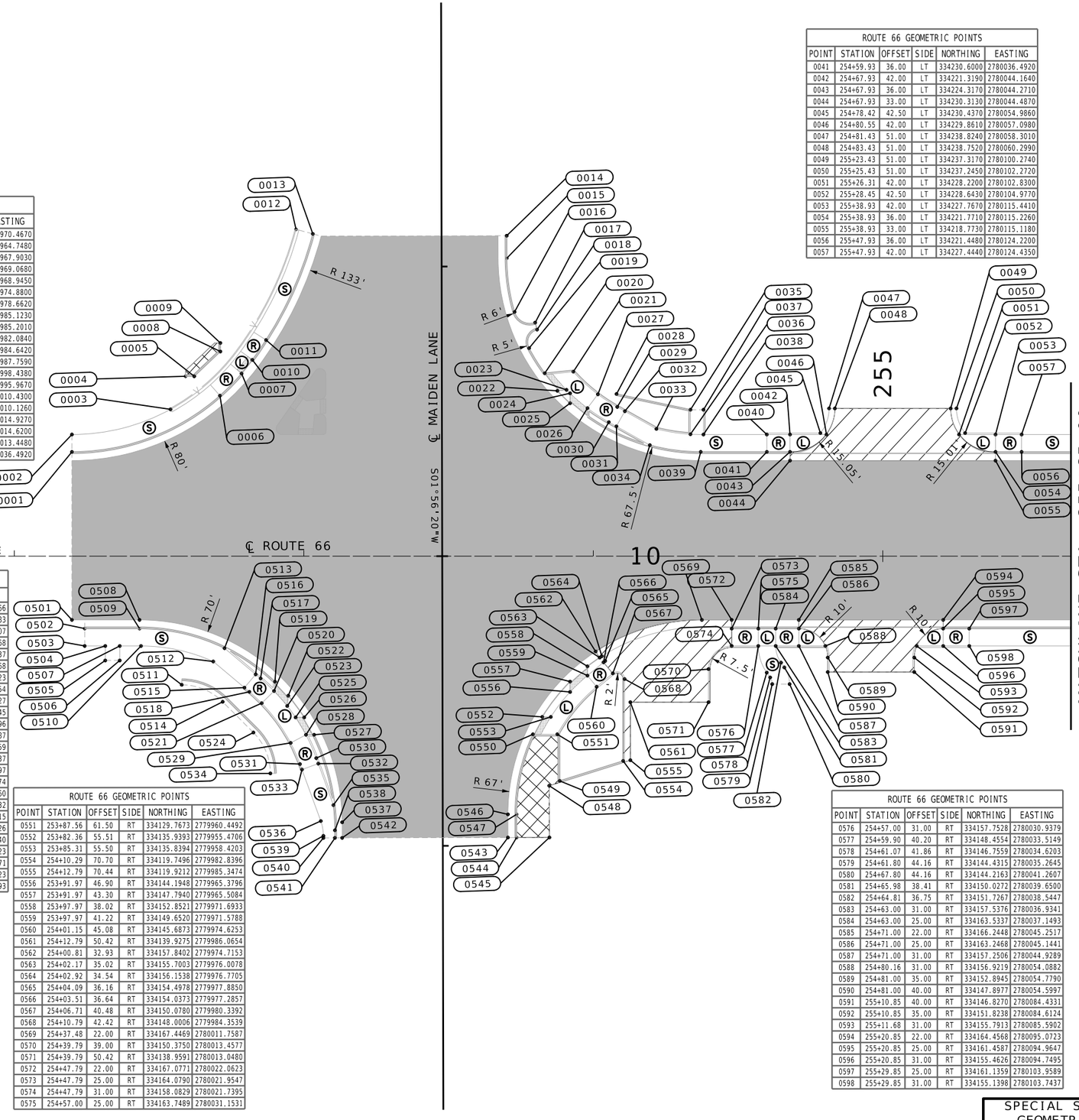
ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0041	254+59.93	36.00	LT	334230.6000	2780036.4920
0042	254+67.93	42.00	LT	334221.3190	2780044.1640
0043	254+67.93	36.00	LT	334224.3170	2780044.2710
0044	254+67.93	33.00	LT	334230.3130	2780044.4870
0045	254+78.42	42.50	LT	334230.4370	2780054.9860
0046	254+80.55	42.00	LT	334229.8610	2780057.0980
0047	254+81.43	51.00	LT	334238.8240	2780058.3010
0048	254+83.43	51.00	LT	334238.7520	2780060.2990
0049	255+23.43	51.00	LT	334237.3170	2780100.2740
0050	255+25.43	51.00	LT	334237.2450	2780102.2720
0051	255+26.31	42.00	LT	334228.2200	2780102.8300
0052	255+28.45	42.50	LT	334228.6430	2780104.9770
0053	255+38.93	42.00	LT	334227.7670	2780115.4410
0054	255+38.93	36.00	LT	334221.7710	2780115.2260
0055	255+38.93	33.00	LT	334218.7730	2780115.1180
0056	255+47.93	36.00	LT	334221.4480	2780124.2200
0057	255+47.93	42.00	LT	334227.4440	2780124.4350

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0501	252+19.89	22.00	RT	334175.2513	2779794.3046
0502	252+24.29	25.00	RT	334172.0954	2779798.5936
0503	252+24.29	31.00	RT	334166.0993	2779798.3784
0504	252+31.41	31.00	RT	334165.8437	2779805.5007
0505	252+31.41	36.00	RT	334160.8469	2779805.3213
0506	252+36.41	36.00	RT	334160.6675	2779810.3181
0507	252+36.41	31.00	RT	334165.6643	2779810.4974
0508	252+43.24	22.00	RT	334174.4138	2779817.6394
0509	252+43.24	25.00	RT	334171.4157	2779817.5318
0510	252+43.74	31.00	RT	334165.4017	2779817.8163
0511	252+57.81	44.43	RT	334151.4784	2779831.4027
0512	252+68.72	36.35	RT	334159.1594	2779842.5893
0513	252+72.61	31.78	RT	334163.5867	2779846.6391
0514	252+71.96	50.28	RT	334145.1170	2779845.3257
0515	252+79.49	45.40	RT	334149.7290	2779853.0303
0516	252+83.35	40.81	RT	334154.1817	2779857.0519
0517	252+85.05	42.23	RT	334152.6959	2779858.6969
0518	252+81.19	46.83	RT	334148.2433	2779854.6752
0519	252+90.02	43.34	RT	334151.4061	2779863.6283
0520	252+89.72	46.57	RT	334148.1970	2779863.2117
0521	252+85.43	50.76	RT	334144.1597	2779858.7733
0522	252+94.59	48.19	RT	334146.3966	2779868.0199
0523	252+94.26	51.73	RT	334142.8736	2779867.5626
0524	252+82.56	60.89	RT	334134.1375	2779855.5444
0525	252+97.14	55.68	RT	334138.8223	2779870.3026

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0526	253+00.13	55.67	RT	334138.7213	2779873.2866
0527	253+03.54	61.67	RT	334132.6098	2779876.4783
0528	253+00.73	61.67	RT	334132.7049	2779873.6707
0529	252+95.42	64.47	RT	334130.0976	2779868.2668
0530	253+04.30	69.73	RT	334124.5256	2779876.9537
0531	252+98.67	71.78	RT	334122.6733	2779871.2468
0532	253+04.99	71.61	RT	334122.6198	2779877.5723
0533	252+99.35	73.67	RT	334120.7675	2779871.8654
0534	252+88.42	74.99	RT	334119.8350	2779860.8927
0535	253+10.22	85.95	RT	334108.1015	2779882.2845
0536	253+05.84	91.45	RT	334102.7615	2779877.7096
0537	253+13.24	91.86	RT	334102.0906	2779885.0887
0538	253+10.74	94.65	RT	334099.3929	2779882.4959
0539	253+06.75	96.56	RT	334097.6233	2779878.4337
0540	253+06.75	97.27	RT	334096.9130	2779878.4097
0541	253+10.75	97.26	RT	334096.7777	2779882.4074
0542	253+13.25	97.26	RT	334096.6931	2779884.9060
0543	253+70.50	97.14	RT	334094.7562	2779942.1232
0544	253+73.50	97.14	RT	334094.6547	2779945.1215
0545	253+84.82	97.11	RT	334094.2718	2779956.4326
0546	253+70.48	89.14	RT	334102.7567	2779942.3940
0547	253+73.48	89.13	RT	334102.6552	2779945.3923
0548	253+84.78	79.24	RT	334112.1294	2779957.0371
0549	253+88.38	77.59	RT	334113.6540	2779960.6923
0550	253+79.13	61.51	RT	334130.0524	2779952.0293

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0551	253+87.56	61.50	RT	334129.7673	2779960.4492
0552	253+82.36	55.51	RT	334135.9393	2779955.4706
0553	253+85.31	55.50	RT	334135.8394	2779958.4203
0554	254+10.29	70.70	RT	334119.7496	2779982.8396
0555	254+12.79	70.44	RT	334119.9212	2779985.3474
0556	253+91.97	46.90	RT	334144.1948	2779965.3796
0557	253+91.97	43.30	RT	334147.7940	2779965.5084
0558	253+97.97	38.02	RT	334152.8521	2779971.6933
0559	253+97.97	41.22	RT	334149.6520	2779971.5788
0560	254+01.15	45.08	RT	334145.6873	2779974.6253
0561	254+12.79	50.42	RT	334139.9275	2779986.0654
0562	254+00.81	32.93	RT	334157.8402	2779974.7153
0563	254+02.17	35.02	RT	334155.7003	2779976.0078
0564	254+02.92	34.54	RT	334156.1538	2779976.7705
0565	254+04.09	36.16	RT	334154.4978	2779977.8850
0566	254+03.51	36.64	RT	334154.0373	2779977.2857
0567	254+06.71	40.48	RT	334150.0780	2779980.3392
0568	254+10.79	42.42	RT	334148.0006	2779984.3539
0569	254+37.48	22.00	RT	334167.4469	2780011.7587
0570	254+39.79	39.00	RT	334150.3750	2780013.4577
0571	254+39.79	50.42	RT	334138.9591	2780013.0480
0572	254+47.79	22.00	RT	334167.0771	2780022.0623
0573	254+47.79	25.00	RT	334164.0790	2780021.9547
0574	254+47.79	31.00	RT	334158.0829	2780021.7395
0575	254+57.00	25.00	RT	334163.7489	2780031.1531

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
0576	254+57.00	31.00	RT	334157.7528	2780030.9379
0577	254+59.90	40.20	RT	334148.4554	2780033.5149
0578	254+61.07	41.86	RT	334146.7559	2780034.6203
0579	254+61.80	44.16	RT	334144.4315	2780035.2645
0580	254+67.80	44.16	RT	334144.2163	2780041.2607
0581	254+65.98	38.41	RT	334150.0272	2780039.6500
0582	254+64.81	36.75	RT	334151.7267	2780038.5447
0583	254+63.00	31.00	RT	334157.5376	2780036.9341
0584	254+63.00	25.00	RT	334163.5337	2780037.1493
0585	254+71.00	22.00	RT	334166.2448	2780045.2517
0586	254+71.00	25.00	RT	334163.2468	2780045.1441
0587	254+71.00	31.00	RT	334157.2506	2780044.9289
0588	254+80.16	31.00	RT	334156.9219	2780054.0882
0589	254+81.00	35.00	RT	334152.8945	2780054.7790
0590	254+81.00	40.00	RT	334147.8977	2780054.5997
0591	255+10.85	40.00	RT	334146.8270	2780084.4331
0592	255+10.85	35.00	RT	334151.8238	2780084.6124
0593	255+11.68	31.00	RT	334155.7913	2780085.5902
0594	255+20.85	22.00	RT	334164.4568	2780095.0723
0595	255+20.85	25.00	RT	334161.4587	2780094.9647
0596	255+20.85	31.00	RT	334155.4626	2780094.7495
0597	255+29.85	25.00	RT	334161.1359	2780103.9589
0598	255+29.85	31.00	RT	334155.1398	2780103.7437



SCALE
0 20 40 60

SPECIAL SHEET
GEOMETRICS
SHEET 48 OF 79

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	75

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TRUNCATED DOMES
PAVED APPROACH
AGGREGATE SURFACE
1.75" PMBP (BP-1) OVER 6.25" PMBP (BASE)
6" PCCP PAVEMENT
(S) SIDEWALK
(R) RAMP
(T) TRANSITION
(L) LANDING
ALTERNATE PVMT
9.5" PCCP PVMT

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1001	256+52.60	33.00	LT	334214.6960	2780228.7092
1002	256+61.48	41.58	LT	334222.9483	2780237.8947
1003	256+61.19	35.58	LT	334216.9698	2780237.3869
1004	256+69.47	41.19	LT	334222.2713	2780245.8660
1005	256+69.18	35.19	LT	334216.2928	2780245.3583
1006	256+69.03	32.20	LT	334213.3036	2780245.1044
1007	256+78.63	40.74	LT	334221.4957	2780254.9983
1008	256+80.15	44.67	LT	334225.3684	2780256.6668
1009	256+80.33	48.19	LT	334228.8828	2780256.9653
1010	257+04.30	47.02	LT	334226.8518	2780280.8792
1011	257+04.13	43.50	LT	334223.3374	2780280.5807
1012	257+05.26	39.44	LT	334219.2388	2780281.5723
1013	257+14.42	38.99	LT	334218.4633	2780290.7046
1014	257+14.12	33.00	LT	334212.4848	2780290.1968
1015	257+13.98	30.00	LT	334209.4955	2780289.9430
1016	257+23.41	38.55	LT	334217.7016	2780299.6723
1017	257+23.11	32.56	LT	334211.7232	2780299.1646
1018	257+37.27	52.89	LT	334231.5355	2780314.0396
1019	257+36.54	37.91	LT	334216.5893	2780312.7702
1020	257+46.83	37.40	LT	334215.7168	2780323.0436
1021	257+46.54	31.41	LT	334209.7383	2780322.5358
1022	257+55.56	52.00	LT	334229.9860	2780332.2842
1023	257+54.83	37.01	LT	334215.0398	2780331.0149
1024	257+54.53	31.02	LT	334209.0613	2780330.5071
1025	257+54.39	28.02	LT	334206.0721	2780330.2533

ROUTE 66 GEOMETRIC POINTS

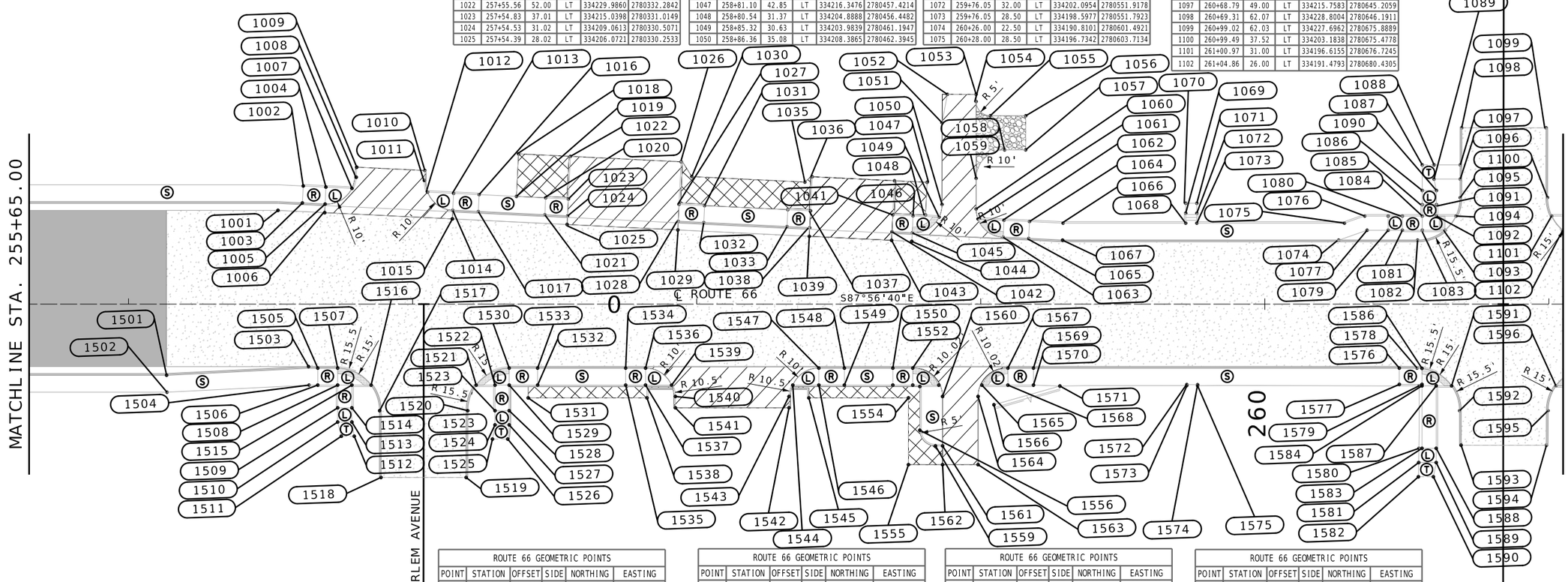
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1026	257+94.51	50.09	LT	334226.6857	2780371.1443
1027	257+93.78	35.11	LT	334211.7395	2780369.8750
1028	257+93.49	29.12	LT	334205.7610	2780369.3672
1029	257+93.34	26.12	LT	334202.7718	2780369.1134
1030	257+98.26	44.90	LT	334221.3650	2780374.7079
1031	258+02.77	34.67	LT	334210.9779	2780378.8427
1032	258+02.47	28.68	LT	334204.9994	2780378.3350
1033	258+31.78	27.24	LT	334202.5162	2780407.5738
1034	258+32.08	33.24	LT	334208.4947	2780408.0816
1035	258+38.06	42.96	LT	334217.9934	2780414.4081
1036	258+40.65	44.83	LT	334219.7747	2780417.0684
1037	258+40.07	32.85	LT	334207.8177	2780416.0529
1038	258+39.77	26.85	LT	334201.8392	2780415.5451
1039	258+39.63	23.86	LT	334198.8500	2780415.2913
1040	258+69.62	43.42	LT	334217.3206	2780445.9643
1041	258+69.03	31.43	LT	334205.3636	2780444.9489
1042	258+68.74	25.44	LT	334199.3852	2780444.4411
1043	258+68.59	22.44	LT	334196.3959	2780444.1873
1044	258+75.72	22.09	LT	334195.7918	2780451.3008
1045	258+75.87	25.09	LT	334198.7810	2780451.5547
1046	258+76.16	31.08	LT	334204.7595	2780452.0625
1047	258+81.10	42.85	LT	334216.3476	2780457.4214
1048	258+80.54	31.37	LT	334204.8888	2780456.4482
1049	258+85.32	30.63	LT	334203.9839	2780461.1947
1050	258+86.36	35.08	LT	334208.3865	2780462.3945

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1051	258+86.34	63.84	LT	334237.1294	2780463.4098
1052	258+88.25	73.82	LT	334247.0376	2780465.6761
1053	258+98.36	73.82	LT	334246.6751	2780475.7764
1054	258+98.36	71.29	LT	334244.1506	2780475.6858
1055	259+03.35	66.29	LT	334238.9748	2780480.4951
1056	259+15.83	66.27	LT	334238.5070	2780492.9610
1057	259+15.81	54.27	LT	334226.5154	2780492.5110
1058	259+08.38	54.29	LT	334226.7941	2780485.0856
1059	258+98.36	44.29	LT	334217.1598	2780474.7171
1060	258+98.36	33.51	LT	334206.3926	2780474.3307
1061	258+99.01	29.96	LT	334202.8239	2780474.8535
1062	259+08.16	29.52	LT	334202.0483	2780483.9857
1063	259+07.87	23.52	LT	334196.0698	2780483.4780
1064	259+17.15	29.08	LT	334201.2867	2780492.9535
1065	259+16.86	23.08	LT	334195.3082	2780492.4457
1066	259+28.95	28.50	LT	334200.2869	2780504.7262
1067	259+28.81	22.50	LT	334194.2960	2780504.3646
1068	259+72.13	28.50	LT	334198.7384	2780547.8701
1069	259+72.13	32.00	LT	334202.2362	2780547.9956
1070	259+72.13	35.50	LT	334205.7339	2780548.1212
1071	259+76.05	35.50	LT	334205.5932	2780552.0434
1072	259+76.05	32.00	LT	334202.0954	2780551.9178
1073	259+76.05	28.50	LT	334198.5977	2780551.7923
1074	260+26.00	22.50	LT	334190.8101	2780601.4921
1075	260+28.00	28.50	LT	334196.7342	2780603.7134

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1076	260+35.15	31.00	LT	334198.9764	2780610.9413
1077	260+36.00	26.00	LT	334193.9492	2780611.6112
1078	260+43.41	31.00	LT	334198.6800	2780619.2024
1079	260+43.41	26.00	LT	334193.6832	2780619.0231
1080	260+48.41	31.00	LT	334198.5006	2780624.1992
1081	260+48.41	26.00	LT	334193.5038	2780624.0198
1082	260+53.77	22.50	LT	334189.8139	2780629.2502
1083	260+55.41	26.00	LT	334193.2528	2780631.0153
1084	260+55.41	31.00	LT	334198.2496	2780631.1947
1085	260+55.41	35.00	LT	334202.2470	2780631.3381
1086	260+55.41	40.00	LT	334207.2438	2780631.5175
1087	260+55.41	49.00	LT	334216.2380	2780631.8403
1088	260+59.57	49.00	LT	334216.0888	2780635.9956
1089	260+59.53	44.00	LT	334211.0935	2780635.7747
1090	260+60.41	40.00	LT	334207.0644	2780636.5143
1091	260+60.41	35.00	LT	334202.0676	2780636.3349
1092	260+60.41	31.00	LT	334198.0702	2780636.1915
1093	260+63.40	26.00	LT	334192.9662	2780639.0002
1094	260+67.29	31.00	LT	334197.8235	2780643.0649
1095	260+68.77	37.48	LT	334204.2469	2780644.7778
1096	260+68.78	44.00	LT	334210.7617	2780645.0201
1097	260+68.79	49.00	LT	334215.7583	2780645.2059
1098	260+69.31	62.07	LT	334228.8004	2780646.1911
1099	260+99.02	62.03	LT	334227.6962	2780675.8889
1100	260+99.49	37.52	LT	334203.1838	2780675.4778
1101	261+00.97	31.00	LT	334196.6155	2780676.7245
1102	261+04.86	26.00	LT	334191.4793	2780680.4305



ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1501	256+13.37	25.00	RT	334198.9764	2780610.9413
1502	256+13.52	31.00	RT	334193.9492	2780611.6112
1503	256+63.36	22.00	RT	334198.6800	2780619.2024
1504	256+63.52	28.50	RT	334193.6832	2780619.0231
1505	256+66.61	22.50	RT	334193.5038	2780624.0198
1506	256+66.61	28.50	RT	334198.5006	2780624.1992
1507	256+73.61	22.50	RT	334189.8139	2780629.2502
1508	256+73.61	28.50	RT	334202.2470	2780631.3381
1509	256+73.61	36.50	RT	334193.2528	2780631.0153
1510	256+73.61	41.50	RT	334198.2496	2780631.1947
1511	256+74.89	46.50	RT	334207.2438	2780631.5175
1512	256+79.44	46.50	RT	334207.0644	2780636.5143
1513	256+78.61	41.50	RT	334216.0888	2780635.9956
1514	256+78.61	36.50	RT	334216.2380	2780631.8403
1515	256+78.61	28.50	RT	334211.0935	2780635.7747
1516	256+85.37	28.50	RT	334202.0676	2780636.3349
1517	256+88.37	37.51	RT	334198.0702	2780636.1915
1518	256+88.85	60.99	RT	334192.9662	2780639.0002
1519	257+18.85	61.01	RT	334197.8235	2780643.0649
1520	257+19.37	37.49	RT	334204.2469	2780644.7778
1521	257+22.37	28.50	RT	334210.7617	2780645.0201
1522	257+28.99	28.50	RT	334228.8004	2780646.1911
1523	257+28.99	37.50	RT	334227.6962	2780675.8889
1524	257+28.99	42.50	RT	334203.1838	2780675.4778
1525	257+28.10	47.50	RT	334215.7583	2780645.2059

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1526	257+33.50	47.50	RT	334196.6155	2780676.7245
1527	257+33.99	42.50	RT	334205.7610	2780369.3672
1528	257+33.99	37.50	RT	334191.4793	2780680.4305
1529	257+33.99	28.50	RT	334202.7718	2780369.1134
1530	257+33.99	22.50	RT	334221.3650	2780374.7079
1531	257+40.64	33.00	RT	334210.9779	2780378.8427
1532	257+43.99	28.50	RT	334204.9994	2780378.3350
1533	257+43.99	22.50	RT	334202.5162	2780407.5738
1534	257+74.98	22.50	RT	334208.4947	2780408.0816
1535	257+74.98	28.50	RT	334217.9934	2780414.4081
1536	257+81.98	22.50	RT	334207.8177	2780416.0529
1537	257+81.98	28.50	RT	334219.7747	2780417.0684
1538	257+82.48	33.00	RT	334201.8392	2780415.5451
1539	257+91.15	28.50	RT	334198.8500	2780415.2913
1540	257+92.48	32.50	RT	334217.3206	2780445.9643
1541	257+92.48	36.50	RT	334205.3636	2780444.9489
1542	258+32.48	36.50	RT	334196.3959	2780444.1873
1543	258+32.48	32.50	RT	334199.3852	2780444.4411
1544	258+33.82	28.50	RT	334195.7918	2780451.3008
1545	258+39.48	33.00	RT	334198.7810	2780451.5547
1546	258+42.98	28.50	RT	334204.7595	2780452.0625
1547	258+42.98	22.50	RT	334216.3476	2780457.4214
1548	258+51.98	22.50	RT	334203.9839	2780461.1947
1549	258+51.98	28.50	RT	334204.8888	2780456.4482
1550	258+69.03	22.50	RT	334237.1294	2780463.4098

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1551	258+69.03	28.50	RT	334208.3865	2780462.3945
1552	258+76.03	22.50	RT	334238.9748	2780480.4951
1553	258+76.03	28.50	RT	334244.1506	2780475.6858
1554	258+74.54	33.00	RT	334246.6751	2780475.7764
1555	258+74.54	56.50	RT	334247.0376	2780465.6761
1556	258+78.54	44.39	RT	334238.5070	2780492.9610
1557	258+78.54	29.00	RT	334226.5154	2780492.5110
1558	258+85.20	28.50	RT	334217.1598	2780474.7171
1559	258+84.04	49.89	RT	334226.7941	2780485.0856
1560	258+86.53	32.50	RT	334202.8239	2780474.8535
1561	258+86.53	49.89	RT	334202.0483	2780483.9857
1562	258+86.53	56.50	RT	334206.3926	2780474.3307
1563	258+99.03	56.50	RT	334196.0698	2780483.4780
1564	258+99.03	32.50	RT	334201.2867	2780492.9535
1565	259+00.37	28.50	RT	334195.3082	2780492.4457
1566	259+04.62	35.41	RT	334200.2869	2780504.7262
1567	259+09.53	22.50	RT	334198.7384	2780547.8701
1568	259+09.53	28.50	RT	334194.2960	2780504.3646
1569	259+18.53	22.50	RT	334205.7339	2780548.1212
1570	259+18.53	28.50	RT	334202.2362	2780547.9956
1571	259+27.85	28.83	RT	334205.5932	2780552.0434
1572	259+72.51	28.30	RT	334198.5977	2780551.7923
1573	259+72.51	28.68	RT	334202.0954	2780551.9178
1574	259+76.32	28.35	RT	334190.8101	2780601.4921
1575	259+76.32	28.72	RT	334196.7342	2780603.7134

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
1576	260+47.32	22.50	RT	334198.9764	2780610.9413
1577	260+47.32	28.25	RT	334193.9492	2780611.6112
1578	260+53.57	22.50	RT	334198.6800	2780619.2024
1579	260+54.32	28.75	RT	334189.8139	2780629.2502
1580	260+54.24	50.75	RT	334193.5038	2780624.0198
1581	260+54.16	55.75	RT	334198.5006	2780624.1992
1582	260+54.08	60.75	RT	334193.6832	2780619.0231
1583	260+55.32	50.75	RT	334193.2528	2780631.0153
1584	260+55.32	28.75	RT	334207.2438	2780631.5175
1585	260+55.32	28.25	RT	334198.2496	2780631.1947
1586	260+55.32	22.60	RT	334202.2470	2780631.3381
1587	260+60.32	28.75	RT	334216.0888	2780635.9956
1588	260+60.32	50.75	RT	334211.0935	2780635.7747
1589	260+60.32	55.75	RT	334207.0644	2780636.5143
1590	260+59.32	60.75	RT	334216.2380	2780631.8403
1591	260+65.75	28.75	RT	334202.0676	2780636.3349
1592	260+68.57	37.50	RT	334198.0702	2780636.1915
1593	260+69.06	49.65	RT	334192.9662	2780639.0002
1594	260+99.14	49.67	RT	334197.8235	2780643.0649
1595	260+99.64	37.49	RT	334204.2469	2780644.7778
1596	261+02.46	28.75	RT	334210.7617	2780645.0201

SCALE
0 20 40 60

SPECIAL SHEET
GEOMETRICS
SHEET 49 OF 79

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	76

COUNTY
JASPER
JOB NO.
J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE
	0

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TRUNCATED DOMES
PAVED APPROACH
AGGREGATE SURFACE
1.75" PMBP (BP-1) OVER 6.25" PMBP (BASE)
6" PCCP PAVEMENT
(S) SIDEWALK
(R) RAMP
(T) TRANSITION
(L) LANDING
ALTERNATE PVMT
9.5" PCCP PVMT

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2001	261+07.95	31.00	LT	334196.3654	2780683.6928
2002	261+07.95	37.50	LT	334202.8612	2780683.9259
2003	261+07.95	42.50	LT	334207.8580	2780684.1053
2004	261+09.00	47.50	LT	334212.8170	2780685.3368
2005	261+12.96	47.50	LT	334212.6750	2780689.2945
2006	261+12.95	42.50	LT	334207.6787	2780689.1020
2007	261+12.95	37.50	LT	334202.6819	2780688.9227
2008	261+12.95	31.00	LT	334196.1861	2780688.6896
2009	261+12.95	26.00	LT	334191.1893	2780688.5102
2010	261+14.49	22.50	LT	334187.6361	2780689.9295
2011	261+21.95	26.00	LT	334190.8665	2780697.5044
2012	261+21.95	31.00	LT	334195.8633	2780697.6838
2013	261+26.95	31.00	LT	334195.6839	2780702.6806
2014	261+26.95	26.00	LT	334190.6872	2780702.5012
2015	261+27.80	31.00	LT	334195.6535	2780703.5297
2016	261+34.94	28.50	LT	334192.8989	2780710.5783
2017	261+36.95	22.50	LT	334186.8307	2780712.3693
2018	261+97.36	28.50	LT	334190.6602	2780772.9552
2019	261+97.36	31.50	LT	334193.6583	2780773.0628
2020	261+99.86	31.50	LT	334193.5685	2780775.5642
2021	261+99.86	28.50	LT	334190.5704	2780775.4566
2022	262+40.96	28.50	LT	334189.0964	2780816.5271
2023	262+40.96	22.50	LT	334183.1003	2780816.3119
2024	262+48.96	22.50	LT	334182.8133	2780824.3067
2025	262+48.96	28.50	LT	334188.8095	2780824.5219

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2026	262+48.96	38.50	LT	334198.8030	2780824.8806
2027	262+57.46	38.50	LT	334198.4982	2780833.3751
2028	262+57.46	28.50	LT	334188.5046	2780833.0165
2029	262+57.46	22.50	LT	334182.5085	2780832.8013
2030	262+66.62	28.50	LT	334188.1759	2780842.1757
2031	262+67.46	40.50	LT	334200.1382	2780843.4404
2032	262+82.96	40.50	LT	334199.5823	2780858.9304
2033	262+82.96	32.50	LT	334191.5874	2780858.6435
2034	262+83.79	28.50	LT	334187.5600	2780859.3344
2035	262+92.96	28.50	LT	334187.2313	2780868.4936
2036	262+92.96	22.50	LT	334181.2352	2780868.2784
2037	263+00.96	22.50	LT	334180.9482	2780876.2733
2038	263+00.96	28.50	LT	334186.9444	2780876.4885
2039	263+59.75	32.50	LT	334188.8331	2780935.3874
2040	263+65.75	38.50	LT	334194.6140	2780941.5987
2041	263+70.26	28.50	LT	334184.4587	2780945.7467
2042	263+70.26	22.50	LT	334178.4626	2780945.5315
2043	263+78.26	28.50	LT	334184.1718	2780953.7416
2044	263+78.26	22.50	LT	334178.1756	2780953.5264
2045	264+08.26	22.50	LT	334177.0996	2780983.5070
2046	264+08.26	28.50	LT	334183.0958	2780983.7222
2047	264+17.26	22.50	LT	334176.7768	2780992.5013
2048	264+17.26	28.50	LT	334182.7730	2780992.7165
2049	264+21.26	28.50	LT	334182.6295	2780996.7139
2050	264+23.58	31.00	LT	334185.0446	2780999.1258

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2051	264+26.83	22.50	LT	334176.4336	2781002.0656
2052	264+30.08	26.00	LT	334179.8146	2781005.4423
2053	264+30.08	31.00	LT	334184.8114	2781005.6216
2054	264+31.58	38.50	LT	334192.2528	2781007.3897
2055	264+31.58	45.48	LT	334199.2307	2781007.6401
2056	264+35.59	45.48	LT	334199.0869	2781011.6468
2057	264+35.58	42.50	LT	334196.1068	2781011.5306
2058	264+35.58	37.50	LT	334191.1100	2781011.3512
2059	264+35.58	31.00	LT	334184.6142	2781011.1181
2060	264+35.58	26.00	LT	334179.6174	2781010.9388
2061	264+36.57	22.50	LT	334176.0841	2781011.8044
2062	264+40.58	31.00	LT	334184.4348	2781016.1149
2063	264+40.58	37.50	LT	334190.9306	2781016.3480
2064	264+40.58	42.00	LT	334195.4277	2781016.5094
2065	264+40.58	45.48	LT	334198.9079	2781016.6343
2066	264+44.08	42.00	LT	334195.3024	2781020.0031
2067	264+45.25	26.00	LT	334179.2707	2781020.5990
2068	264+48.42	31.00	LT	334184.1538	2781023.9443
2069	264+49.07	34.97	LT	334188.1020	2781024.7437
2070	264+49.08	36.99	LT	334190.1160	2781024.8201
2071	264+49.60	45.48	LT	334198.5846	2781025.6419
2072	264+79.10	45.42	LT	334197.4656	2781055.1278
2073	264+79.59	37.53	LT	334189.5625	2781055.3282
2074	264+81.07	31.00	LT	334182.9827	2781056.5745
2075	264+84.96	26.00	LT	334177.8465	2781060.2805

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2076	264+87.92	31.00	LT	334182.7371	2781063.4190
2077	264+87.92	36.00	LT	334187.7339	2781063.5983
2078	264+87.92	41.00	LT	334192.7307	2781063.7777
2079	264+89.04	46.00	LT	334197.6871	2781065.0808
2080	264+92.92	46.00	LT	334197.5481	2781068.9538
2081	264+92.92	41.00	LT	334192.5513	2781068.7744
2082	264+92.92	36.00	LT	334187.5545	2781068.5951
2083	264+92.92	31.00	LT	334182.5578	2781068.4158
2084	264+92.92	26.00	LT	334177.5610	2781068.2364
2085	264+94.59	22.50	LT	334174.0033	2781069.7794
2086	265+02.56	36.50	LT	334187.7084	2781078.2498
2087	265+02.53	31.50	LT	334182.7127	2781078.0399
2088	265+04.92	31.00	LT	334182.1274	2781080.4080
2089	265+04.92	26.00	LT	334177.1306	2781080.2287
2090	265+09.92	26.00	LT	334176.9512	2781085.2255
2091	265+11.49	31.00	LT	334181.8915	2781086.9799
2092	265+15.06	28.50	LT	334179.2650	2781090.4594
2093	265+14.92	22.50	LT	334173.2742	2781090.0967
2094	265+48.90	22.50	LT	334172.0554	2781124.0557
2095	265+48.90	28.50	LT	334178.0515	2781124.2709
2096	265+56.90	28.50	LT	334177.7646	2781132.2657
2097	265+56.90	22.50	LT	334171.7684	2781132.0505
2098	265+86.90	22.50	LT	334170.6924	2781162.0312
2099	265+86.90	28.50	LT	334176.6886	2781162.2464
2100	265+97.90	36.50	LT	334184.2889	2781173.5263
2101	265+97.90	28.50	LT	334176.2940	2781173.2394
2102	265+97.90	22.50	LT	334170.2979	2781173.0242
2103	266+01.90	32.50	LT	334180.1480	2781177.3803

MATCHLINE STA. 261+05.00

MATCHLINE STA. 266+45.00

℄ ROUTE 66

S87°56'40"E

℄ EMPIRE AVENUE N

S02°10'24"W

℄ EMPIRE AVENUE S

R 15.5'

R 10'

R 13'

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2501	261+08.89	28.75	RT	334136.6201	2780682.4889
2502	261+08.89	43.75	RT	334121.6298	2780681.9509
2503	261+08.89	48.75	RT	334116.6330	2780681.7716
2504	261+08.68	53.75	RT	334111.6435	2780681.3892
2505	261+12.35	53.75	RT	334111.5121	2780685.0496
2506	261+13.89	48.75	RT	334116.4537	2780686.7684
2507	261+13.89	43.75	RT	334121.4505	2780686.9477
2508	261+13.89	28.75	RT	334136.4408	2780687.4857
2509	261+13.89	22.52	RT	334142.6676	2780687.7092
2510	261+22.89	22.50	RT	334142.3640	2780696.7041
2511	261+22.89	28.75	RT	334136.1180	2780696.4799
2512	261+33.81	28.50	RT	334135.9760	2780707.4078
2513	261+39.81	28.50	RT	334135.7608	2780713.4040
2514	261+86.30	28.50	RT	334134.0933	2780759.8640
2515	261+90.41	28.50	RT	334133.9461	2780763.9657
2516	262+50.49	28.50	RT	334131.7910	2780824.0135
2517	262+50.49	22.50	RT	334137.7871	2780824.2287
2518	262+58.49	22.50	RT	334137.5002	2780832.2235
2519	262+58.49	28.50	RT	334131.5041	2780832.0083
2520	262+67.66	28.50	RT	334131.1753	2780841.1676
2521	262+68.49	32.50	RT	334127.1480	2780841.8584
2522	262+68.49	36.50	RT	334123.1506	2780841.7150
2523	262+79.49	36.50	RT	334122.7560	2780852.7079
2524	262+79.49	32.50	RT	334126.7534	2780852.8513
2525	262+80.33	28.50	RT	334130.7209	2780853.8291

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2526	262+89.49	22.50	RT	334136.3883	2780863.2036
2527	262+89.49	28.50	RT	334130.3922	2780862.9884
2528	262+97.49	28.50	RT	334130.1053	2780870.9832
2529	262+97.49	22.50	RT	334136.1014	2780871.1984
2530	263+34.13	28.50	RT	334128.7911	2780907.6007
2531	263+34.13	32.50	RT	334124.7936	2780907.4573
2532	263+35.03	37.50	RT	334119.7648	2780908.1719
2533	263+37.46	37.50	RT	334119.6774	2780910.6055
2534	263+38.13	32.50	RT	334124.6502	2780911.4547
2535	263+38.13	28.50	RT	334128.6476	2780911.5981
2536	263+71.21	28.50	RT	334127.4612	2780944.6545
2537	263+71.21	33.30	RT	334122.6643	2780944.4824
2538	263+77.71	33.30	RT	334122.4312	2780950.9782
2539	263+77.71	28.50	RT	334127.2281	2780951.1503
2540	264+12.18	22.50	RT	334131.9879	2780985.8130
2541	264+14.19	28.50	RT	334125.9198	2780987.6039
2542	264+21.33	31.00	RT	334123.1652	2780994.6525
2543	264+22.18	31.00	RT	334123.1347	2780995.5017
2544	264+22.18	26.00	RT	334128.1315	2780995.6810
2545	264+29.18	31.00	RT	334122.8836	2781002.4972
2546	264+29.18	26.00	RT	334127.8804	2781002.6765
2547	264+33.43	22.50	RT	334131.2256	2781007.0527
2548	264+35.18	26.00	RT	334127.6652	2781008.6727
2549	264+35.18	31.00	RT	334122.6684	2781008.4933
2550	264+35.18	42.50	RT	334111.1758	2781008.0809

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2551	264+35.18	47.50	RT	334106.1791	2781007.9015
2552	264+35.19	52.50	RT	334101.1820	2781007.7309
2553	264+39.44	52.50	RT	334101.0294	2781011.9829
2554	264+40.18	47.50	RT	334105.9997	2781012.8983
2555	264+40.18	42.50	RT	334110.9965	2781013.0776
2556	264+40.18	31.00	RT	334122.4891	2781013.4901
2557	264+42.43	25.50	RT	334127.9048	2781015.9393
2558	264+43.06	26.00	RT	334127.3825	2781016.5516
2559	264+46.95	31.00	RT	334122.2462	2781020.2576
2560	264+48.43	37.49	RT	334115.7057	2781021.5053
2561	264+48.95	61.00	RT	334092.1940	2781021.1751
2562	264+78.85	61.00	RT	334091.1214	2781051.0610
2563	264+79.34	37.51	RT	334114.5803	2781052.3899
2564	264+80.82	31.00	RT	334121.0315	2781054.1039
2565	264+84.71	26.00	RT	334125.8888	2781058.1686
2566	264+88.22	26.00	RT	334125.7631	2781061.6729
2567	264+88.22	31.00	RT	334120.7663	2781061.4935
2568	264+88.22	39.00	RT	334112.7714	2781061.2066
2569	264+88.22	44.00	RT	334107.7746	2781061.0273
2570	264+88.76	49.00	RT	334102.7583	2781061.3936
2571	264+93.22	49.00	RT	334102.5985	2781065.8447
2572	264+93.22	44.00	RT	334107.5953	2781066.0241
2573	264+93.22	39.00	RT	334112.5921	2781066.2034
2574	264+93.22	31.00	RT	334120.5869	2781066.4903
2575	264+93.22	26.00	RT	334125.5837	2781066.6697

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
2576	264+94.34	22.50	RT	334129.0412	2781067.9186
2577	264+96.22	37.50	RT	334113.9838	2781069.2553
2578	264+96.22	49.00	RT	334102.4909	2781068.8428
2579	265+01.22	22.50	RT	334128.7945	2781074.7900
2580	265+01.22	26.00	RT	334125.2968	2781074.6645
2581	265+01.22	31.00	RT	334120.3000	2781074.4852
2582	265+06.39	31.00	RT	334120.1143	2781079.6593
2583	265+10.78	28.50	RT	334122.4552	2781084.1364
2584	265+11.22	28.50	RT	334122.4397	2781084.5684
2585	265+11.22	22.50	RT	334128.4359	2781084.7836
2586	265+19.22	22.50	RT	334128.1489	2781092.7785
2587	265+19.22	28.50	RT	334122.1528	2781092.5633
2588	265+49.22	28.50	RT	334121.0768	2781122.5440
2589	265+49.22	22.50	RT	334127.0729	2781122.7592
2590	265+60.22	22.50	RT	334126.6784	2781133.7521
2591	265+60.22	28.50	RT	334120.6823	2781133.5369
2592	265+99.31	28.50	RT	334119.2802	2781172.6032
2593	265+99.31	22.50	RT	334125.2763	2781172.8184
2594	266+07.31	22.50	RT	334124.9894	2781180.8132
2595	266+07.31	28.50	RT	334118.9932	2781180.5980
2596	266+37.31	28.50	RT	334117.9172	2781210.5787
2597	266+37.31	22.50	RT	334123.9134	2781210.7939

SCALE
0 20 40 60

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	77

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

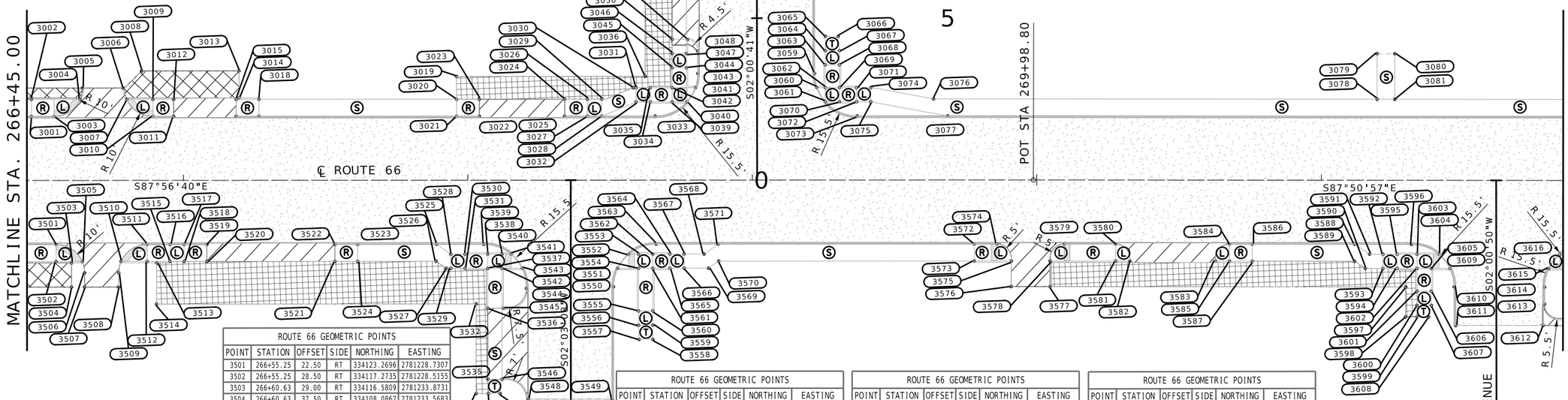
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
GEOMETRICS
SHEET 50 OF 79

TRUNCATED DOMES
PAVED APPROACH
AGGREGATE SURFACE
1.75" PMBP (BP-1) OVER 6.25" PMBP (BASE)
6" PCCP PAVEMENT
Ⓢ SIDEWALK
Ⓡ RAMP
Ⓣ TRANSITION
Ⓛ LANDING
ALTERNATE PVMT
9.5" PCCP PVMT



SCALE
0 20 40 60

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3001	266+46.57	22.50	LT	334168.5523	2781221.6622
3002	266+46.57	28.50	LT	334174.5484	2781221.8774
3003	266+54.57	22.50	LT	334168.2654	2781229.6571
3004	266+63.73	28.50	LT	334173.9328	2781239.0315
3005	266+64.57	32.50	LT	334177.9003	2781240.0093
3006	266+78.82	32.50	LT	334177.3892	2781254.2502
3007	266+80.15	28.50	LT	334173.3439	2781255.4407
3008	266+85.32	38.50	LT	334183.1522	2781260.9612
3009	266+89.32	28.50	LT	334173.0151	2781264.5999
3010	266+89.32	22.50	LT	334167.0190	2781264.3847
3011	266+96.57	22.50	LT	334166.7590	2781271.6301
3012	266+96.57	28.50	LT	334172.7551	2781271.8453
3013	267+19.58	38.50	LT	334181.9234	2781295.1978
3014	267+19.58	29.00	LT	334172.4295	2781294.8570
3015	267+18.57	28.50	LT	334171.9660	2781293.8311
3016	267+18.57	22.50	LT	334165.9699	2781293.6159
3017	267+26.57	22.50	LT	334165.6830	2781301.6108
3018	267+26.57	28.50	LT	334171.6791	2781301.8260
3019	267+96.04	36.50	LT	334177.1822	2781371.5398
3020	267+96.04	28.50	LT	334169.1874	2781371.2529

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3021	267+96.04	22.50	LT	334163.1912	2781371.0377
3022	268+04.04	22.50	LT	334162.9043	2781379.0325
3023	268+04.04	28.50	LT	334168.9004	2781379.2477
3024	268+34.04	28.50	LT	334167.8244	2781409.2284
3025	268+34.04	22.50	LT	334161.8283	2781409.0132
3026	268+42.04	28.50	LT	334167.5375	2781417.2233
3027	268+42.04	22.50	LT	334161.5414	2781417.0081
3028	268+47.04	22.50	LT	334161.3600	2781422.0000
3029	268+47.04	28.50	LT	334167.3582	2781422.2201
3030	268+58.14	32.50	LT	334170.9572	2781433.4626
3031	268+59.14	32.50	LT	334170.9217	2781434.4545
3032	268+59.14	27.50	LT	334165.9249	2781434.2751
3033	268+65.86	22.50	LT	334160.6870	2781440.8138
3034	268+64.14	27.50	LT	334165.7455	2781439.2719
3035	268+64.14	32.50	LT	334170.7423	2781439.4512
3036	268+62.36	36.50	LT	334174.8035	2781437.8189
3037	268+62.32	85.60	LT	334223.8694	2781439.5421
3038	268+69.37	85.84	LT	334223.8591	2781446.5897
3039	268+71.82	27.50	LT	334165.4701	2781446.9469
3040	268+77.04	27.50	LT	334165.2828	2781452.1662

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3041	268+80.00	32.50	LT	334170.1733	2781455.3055
3042	268+71.82	32.50	LT	334170.4669	2781447.1263
3043	268+80.86	37.51	LT	334175.1509	2781456.3425
3044	268+76.82	39.50	LT	334177.2830	2781452.3741
3045	268+71.82	39.50	LT	334177.4624	2781447.3773
3046	268+71.82	44.50	LT	334182.4591	2781447.5567
3047	268+76.82	44.50	LT	334182.2798	2781452.5534
3048	268+80.85	45.39	LT	334183.0266	2781456.6191
3049	268+77.32	49.47	LT	334187.2319	2781453.2315
3050	268+71.82	49.50	LT	334187.4559	2781447.7360
3051	268+71.82	86.00	LT	334223.9324	2781449.0451
3052	268+72.47	91.50	LT	334229.4054	2781449.8963
3053	268+76.85	91.50	LT	334229.2482	2781454.2769
3054	268+76.82	86.09	LT	334223.8446	2781454.0452
3055	268+81.32	91.50	LT	334229.0924	2781458.7372
3056	268+83.32	91.50	LT	334229.0206	2781460.7359
3057	268+83.33	76.54	LT	334214.0608	2781460.2106
3058	269+21.33	76.57	LT	334212.7279	2781498.1844
3059	269+21.86	37.49	LT	334173.6573	2781497.3126
3060	269+22.71	32.50	LT	334168.6413	2781497.9909

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3061	269+25.68	27.50	LT	334163.5383	2781500.7715
3062	269+25.66	32.50	LT	334168.5357	2781500.9341
3063	269+25.66	40.50	LT	334176.5306	2781501.2210
3064	269+25.66	45.50	LT	334181.5273	2781501.4004
3065	269+25.71	50.50	LT	334186.5224	2781501.6285
3066	269+30.16	50.50	LT	334186.3626	2781506.0791
3067	269+30.66	45.50	LT	334181.3480	2781506.3972
3068	269+30.66	40.50	LT	334176.3512	2781506.2178
3069	269+30.66	32.50	LT	334168.3564	2781505.9309
3070	269+30.66	27.50	LT	334163.3596	2781505.7516
3071	269+36.66	32.50	LT	334168.1412	2781511.9270
3072	269+36.66	27.50	LT	334163.1444	2781511.7477
3073	269+36.86	22.50	LT	334158.1405	2781511.7653
3074	269+41.66	32.50	LT	334167.9618	2781516.9238
3075	269+41.66	27.50	LT	334162.9651	2781516.7445
3076	269+63.72	28.50	LT	334163.1732	2781538.8252
3077	269+68.66	22.50	LT	334156.9999	2781543.5478
3078	271+19.59	28.50	LT	334157.3802	2781694.6337
3079	271+19.59	44.50	LT	334173.3689	2781695.2341
3080	271+25.76	44.50	LT	334173.1374	2781701.3979
3081	271+25.76	28.50	LT	334157.1487	2781700.7975

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3501	266+55.25	22.50	RT	334123.2696	2781228.7307
3502	266+55.25	28.50	RT	334117.2735	2781228.5155
3503	266+60.63	29.00	RT	334116.5809	2781233.8731
3504	266+60.63	37.50	RT	334108.0867	2781233.5683
3505	266+64.42	28.50	RT	334116.9448	2781237.6748
3506	266+65.25	32.50	RT	334112.9174	2781238.3656
3507	266+65.25	37.50	RT	334107.9209	2781238.1863
3508	266+77.25	37.50	RT	334107.4905	2781250.1786
3509	266+77.25	32.50	RT	334112.4870	2781250.3579
3510	266+78.09	28.50	RT	334116.4545	2781251.3357
3511	266+87.25	22.50	RT	334122.1219	2781260.7101
3512	266+87.25	28.50	RT	334116.1258	2781260.4949
3513	266+90.59	29.00	RT	334115.5065	2781263.8082
3514	266+90.55	43.50	RT	334101.0172	2781263.2504
3515	266+95.25	28.50	RT	334115.8388	2781268.4898
3516	266+95.25	22.50	RT	334121.8350	2781268.7050
3517	267+00.25	22.50	RT	334121.6556	2781273.7018
3518	267+00.25	28.50	RT	334115.6595	2781273.4866
3519	267+08.25	22.50	RT	334121.3687	2781281.6966
3520	267+08.25	28.50	RT	334115.3726	2781281.4814
3521	267+53.25	28.50	RT	334113.7586	2781326.4525
3522	267+53.25	22.50	RT	334119.7547	2781326.6677
3523	267+61.25	22.50	RT	334119.4678	2781334.6625
3524	267+61.25	28.50	RT	334113.4716	2781334.4473
3525	267+88.97	22.50	RT	334118.4736	2781362.3634
3526	267+88.83	28.50	RT	334112.4827	2781362.0008

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3527	267+92.40	31.00	RT	334109.8562	2781365.4803
3528	267+93.97	26.00	RT	334114.8000	2781367.2300
3529	267+93.97	31.00	RT	334109.7997	2781367.0554
3530	267+98.97	26.00	RT	334114.6172	2781372.2315
3531	267+98.97	31.00	RT	334109.6204	2781372.0521
3532	268+02.87	43.50	RT	334096.9888	2781375.4954
3533	268+02.87	75.00	RT	334065.5090	2781374.3656
3534	268+07.13	75.00	RT	334065.3562	2781378.6222
3535	268+06.97	70.00	RT	334070.3585	2781378.6482
3536	268+06.97	45.00	RT	334095.3425	2781379.5449
3537	268+06.97	31.00	RT	334109.3334	2781380.0470
3538	268+06.97	26.00	RT	334114.3302	2781380.2263
3539	268+05.57	22.50	RT	334117.8782	2781378.9515
3540	268+11.97	26.00	RT	334114.1509	2781385.2231
3541	268+15.20	26.00	RT	334114.0351	2781388.4504
3542	268+11.97	31.00	RT	334109.1541	2781385.0438
3543	268+19.09	31.00	RT	334108.8988	2781392.1564
3544	268+20.57	38.00	RT	334101.8506	2781393.3859
3545	268+12.47	45.00	RT	334095.1452	2781385.0413
3546	268+11.97	70.00	RT	334070.1792	2781383.6450
3547	268+11.29	75.00	RT	334065.2069	2781382.7835
3548	268+21.07	77.00	RT	334062.8577	2781392.4890
3549	268+50.65	77.00	RT	334061.7969	2781422.0451
3550	268+51.15	37.50	RT	334101.2524	2781423.9593
3551	268+52.63	31.00	RT	334107.6959	2781425.6730
3552	268+56.52	26.00	RT	334112.5533	2781429.7377

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3553	268+59.99	26.00	RT	334112.4287	2781433.2093
3554	268+59.99	31.00	RT	334107.4319	2781433.0300
3555	268+59.99	46.00	RT	334092.4415	2781432.4920
3556	268+59.99	51.00	RT	334087.4448	2781432.3126
3557	268+60.14	56.00	RT	334082.4427	2781432.2812
3558	268+64.99	56.00	RT	334082.2686	2781437.1301
3559	268+64.99	51.00	RT	334087.2654	2781437.3094
3560	268+64.99	46.00	RT	334092.2622	2781437.4888
3561	268+64.99	31.00	RT	334107.2526	2781438.0268
3562	268+64.99	26.00	RT	334112.2493	2781438.2061
3563	268+66.15	22.50	RT	334115.7056	2781439.4877
3564	268+70.99	26.00	RT	334112.0341	2781444.2022
3565	268+70.99	31.00	RT	334107.0374	2781444.0229
3566	268+75.99	31.00	RT	334106.8580	2781449.0197
3567	268+75.99	26.00	RT	334111.8548	2781449.1990
3568	268+83.00	26.00	RT	334111.6033	2781456.2065
3569	268+84.58	31.00	RT	334106.5500	2781457.6022
3570	268+88.15	28.50	RT	334108.9203	2781461.2610
3571	268+88.00	22.50	RT	334114.9217	2781461.3288
3572	269+77.99	22.50	RT	334111.6942	2781551.2562
3573	269+77.99	28.50	RT	334105.6981	2781551.0410
3574	269+85.99	22.50	RT	334111.4073	2781559.2511
3575	269+90.99	28.50	RT	334105.2317	2781564.0352
3576	269+90.98	37.51	RT	334096.2283	2781563.6970
3577	270+04.69	37.50	RT	334095.7388	2781577.3374
3578	270+04.69	28.50	RT	334104.7325	2781577.6752

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3579	270+09.69	22.50	RT	334110.5406	2781582.8968
3580	270+27.74	22.50	RT	334109.8629	2781600.9415
3581	270+27.74	28.50	RT	334103.8671	2781600.7163
3582	270+32.74	28.50	RT	334103.6795	2781605.7128
3583	270+62.74	28.50	RT	334102.5536	2781635.6917
3584	270+67.74	22.50	RT	334108.3617	2781640.9133
3585	270+67.74	28.50	RT	334102.3660	2781640.6881
3586	270+75.74	22.50	RT	334108.0615	2781648.9077
3587	270+75.74	28.50	RT	334102.0657	2781648.6825
3588	271+11.69	22.50	RT	334106.7124	2781684.8313
3589	271+11.71	28.50	RT	334100.7159	2781684.6233
3590	271+15.50	31.00	RT	334098.0754	2781688.3191
3591	271+17.00	26.00	RT	334103.0156	2781690.0055
3592	271+21.69	26.00	RT	334102.8395	2781694.6929
3593	271+21.69	31.00	RT	334097.8431	2781694.5053
3594	271+26.69	31.00	RT	334097.6554	2781699.5018
3595	271+26.69	26.00	RT	334102.6519	2781699.6894
3596	271+31.76	22.50	RT	334105.9594	2781704.8804
3597	271+29.69	37.50	RT	334091.0474	2781702.2557
3598	271+29.69	48.00	RT	334080.5548	2781701.8617
3599	271+33.69	48.00	RT	334080.4047	2781705.8588
3600	271+33.69	44.00	RT	334084.4019	2781706.0090
3601	271+33.69	39.00	RT	334089.3983	2781706.1966
3602	271+33.69	31.00	RT	334097.3927	2781706.4968
3603	271+33.69	26.00	RT	334102.3892	2781706.6845
3604	271+41.39	26.00	RT	334102.1004	2781714.3729

ROUTE 66 GEOMETRIC POINTS

POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
3605	271+38.69	31.00	RT	334097.2051	2781711.4933
3606	271+38.69	39.00	RT	334089.2107	2781711.1931
3607	271+38.69	44.00	RT	334084.2142	2781711.0054
3608	271+37.75	48.00	RT	334080.2525	2781710.0000
3609	271+45.28	31.00	RT	334096.9581	2781718.0703
3610	271+46.76	37.46	RT	334090.4429	2781719.3082
3611	271+47.29	51.03	RT	334076.8625	2781719.3310
3612	271+78.03	50.96	RT	334075.7823	2781750.0536
3613	271+78.51	43.51	RT	334083.2075	2781750.8150
3614	271+78.50	37.54	RT	334089.1799	2781751.0250
3615	271+79.98	31.00	RT	334095.6556	2781752.7507
3616	271+83.87	26.00	RT	334100.5062	2781756.8234

SPECIAL SHEET
GEOMETRICS
SHEET 51 OF 79

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	78

COUNTY
JASPER
JOB NO.
J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

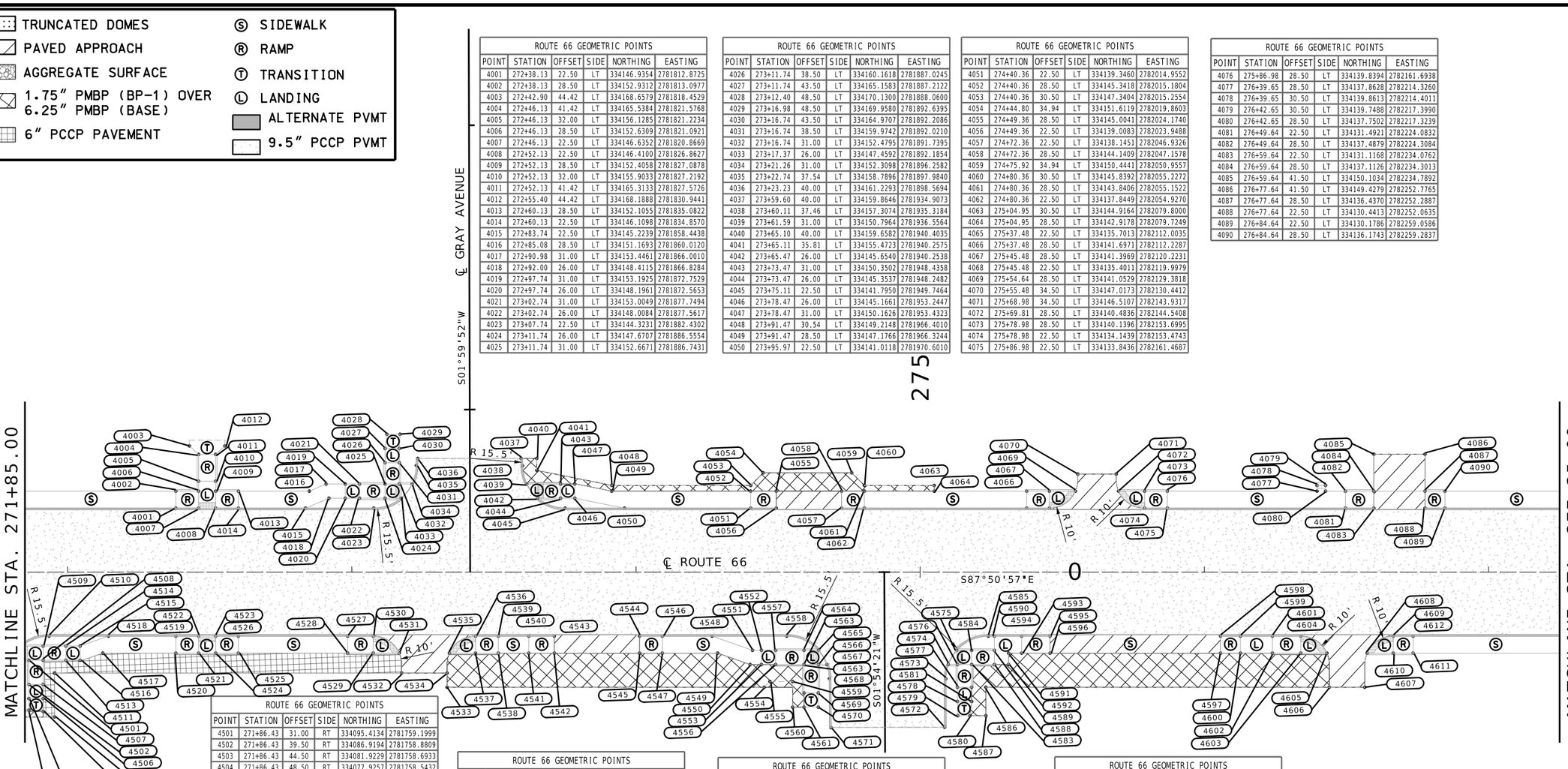
DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TRUNCATED DOMES
PAVED APPROACH
AGGREGATE SURFACE
1.75" PMBP (BP-1) OVER 6.25" PMBP (BASE)
6" PCCP PAVEMENT
(S) SIDEWALK
(R) RAMP
(T) TRANSITION
(L) LANDING
ALTERNATE PVMT
9.5" PCCP PVMT



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4001	272+38.13	22.50	LT	334146.9354	2781812.8725
4002	272+38.13	28.50	LT	334152.9312	2781813.0977
4003	272+42.90	44.42	LT	334168.6579	2781818.4529
4004	272+46.13	41.42	LT	334165.5384	2781821.5768
4005	272+46.13	32.00	LT	334156.1285	2781821.2234
4006	272+46.13	28.50	LT	334152.6309	2781821.0921
4007	272+46.13	22.50	LT	334146.6352	2781820.8669
4008	272+52.13	22.50	LT	334146.4100	2781826.8627
4009	272+52.13	28.50	LT	334152.4058	2781827.0878
4010	272+52.13	32.00	LT	334155.9033	2781827.2192
4011	272+52.13	41.42	LT	334165.3133	2781827.5726
4012	272+55.40	44.42	LT	334168.1888	2781830.9441
4013	272+60.13	28.50	LT	334152.1055	2781835.0822
4014	272+60.13	22.50	LT	334146.1098	2781834.8570
4015	272+83.74	22.50	LT	334145.2239	2781858.4438
4016	272+85.08	28.50	LT	334151.1693	2781860.0120
4017	272+90.98	31.00	LT	334153.4461	2781866.0010
4018	272+92.00	26.00	LT	334148.4115	2781866.8284
4019	272+97.74	31.00	LT	334153.1925	2781872.7529
4020	272+97.74	26.00	LT	334148.1961	2781872.5653
4021	273+02.74	31.00	LT	334153.0049	2781877.7494
4022	273+02.74	26.00	LT	334148.0084	2781877.5617
4023	273+07.74	22.50	LT	334144.3231	2781882.4302
4024	273+11.74	26.00	LT	334147.6707	2781886.5554
4025	273+11.74	31.00	LT	334152.6671	2781886.7431

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4026	273+11.74	38.50	LT	334160.1618	2781887.0245
4027	273+11.74	43.50	LT	334165.1583	2781887.2122
4028	273+12.40	48.50	LT	334170.1300	2781888.0600
4029	273+16.98	48.50	LT	334169.9580	2781892.6395
4030	273+16.74	43.50	LT	334164.9707	2781892.2086
4031	273+16.74	38.50	LT	334159.9742	2781892.0210
4032	273+16.74	31.00	LT	334152.4795	2781891.7395
4033	273+17.37	26.00	LT	334147.4592	2781892.1854
4034	273+21.26	31.00	LT	334152.3098	2781896.2582
4035	273+22.74	37.54	LT	334158.7896	2781897.9840
4036	273+23.23	40.00	LT	334161.2293	2781898.5694
4037	273+59.60	40.00	LT	334159.8646	2781934.9073
4038	273+60.11	37.46	LT	334157.3074	2781935.3184
4039	273+61.59	31.00	LT	334150.7964	2781936.5564
4040	273+65.10	40.00	LT	334159.6582	2781940.4035
4041	273+65.11	35.81	LT	334155.4723	2781940.2575
4042	273+65.47	26.00	LT	334145.6540	2781940.2538
4043	273+73.47	31.00	LT	334150.3502	2781948.4358
4044	273+73.47	26.00	LT	334145.3537	2781948.2482
4045	273+75.11	22.50	LT	334141.7950	2781949.7464
4046	273+78.47	26.00	LT	334145.1661	2781953.2447
4047	273+78.47	31.00	LT	334150.1626	2781953.4323
4048	273+91.47	30.54	LT	334149.2148	2781966.4010
4049	273+91.47	28.50	LT	334147.1766	2781966.3244
4050	273+95.97	22.50	LT	334141.0118	2781970.6010

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4051	274+40.36	22.50	LT	334139.3460	2782014.9552
4052	274+40.36	28.50	LT	334145.3418	2782015.1804
4053	274+40.36	30.50	LT	334147.3404	2782015.2554
4054	274+44.80	34.94	LT	334151.6119	2782019.8603
4055	274+49.36	28.50	LT	334145.0041	2782024.1740
4056	274+49.36	22.50	LT	334139.0083	2782023.9488
4057	274+72.36	22.50	LT	334138.1451	2782046.9326
4058	274+72.36	28.50	LT	334144.1409	2782047.1578
4059	274+75.92	34.94	LT	334150.4441	2782050.9557
4060	274+80.36	30.50	LT	334145.8392	2782055.2272
4061	274+80.36	28.50	LT	334143.8406	2782055.1522
4062	274+80.36	22.50	LT	334137.8449	2782054.9270
4063	275+04.95	30.50	LT	334144.9164	2782079.8000
4064	275+04.95	28.50	LT	334142.9178	2782079.7249
4065	275+37.48	22.50	LT	334135.7013	2782112.0035
4066	275+37.48	28.50	LT	334141.6971	2782112.2287
4067	275+45.48	28.50	LT	334141.3969	2782120.2231
4068	275+45.48	22.50	LT	334135.4011	2782119.9979
4069	275+54.64	28.50	LT	334141.0529	2782129.3818
4070	275+55.48	34.50	LT	334147.0173	2782130.4412
4071	275+68.98	34.50	LT	334146.5107	2782143.9317
4072	275+69.81	28.50	LT	334140.4836	2782144.5408
4073	275+78.98	28.50	LT	334140.1396	2782153.6995
4074	275+78.98	22.50	LT	334134.1439	2782153.4743
4075	275+86.98	22.50	LT	334133.8436	2782161.4687

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4076	275+86.98	28.50	LT	334139.8394	2782161.6938
4077	276+39.65	28.50	LT	334137.8628	2782214.3260
4078	276+39.65	30.50	LT	334139.8613	2782214.4011
4079	276+42.65	30.50	LT	334139.7488	2782217.3990
4080	276+42.65	28.50	LT	334137.7502	2782217.3239
4081	276+49.64	22.50	LT	334131.4921	2782224.0832
4082	276+49.64	28.50	LT	334137.4879	2782224.3084
4083	276+59.64	22.50	LT	334131.1168	2782234.0762
4084	276+59.64	28.50	LT	334137.1126	2782234.3013
4085	276+59.64	41.50	LT	334150.1034	2782234.7892
4086	276+77.64	41.50	LT	334149.4279	2782252.7765
4087	276+77.64	28.50	LT	334136.4370	2782252.2887
4088	276+77.64	22.50	LT	334130.4413	2782252.0635
4089	276+84.64	22.50	LT	334130.1786	2782259.0586
4090	276+84.64	28.50	LT	334136.1743	2782259.2837

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4501	271+86.43	31.00	RT	334095.4134	2781759.1999
4502	271+86.43	39.50	RT	334086.9194	2781758.8809
4503	271+86.43	44.50	RT	334081.9229	2781758.6933
4504	271+86.43	48.50	RT	334077.9257	2781758.5432
4505	271+91.43	49.00	RT	334077.2384	2781763.5209
4506	271+91.43	44.50	RT	334081.7353	2781763.6898
4507	271+91.43	39.50	RT	334086.7317	2781763.8774
4508	271+91.43	31.00	RT	334095.2258	2781764.1964
4509	271+91.43	26.00	RT	334100.2222	2781764.3841
4510	271+93.50	22.50	RT	334103.6423	2781766.5786
4511	271+95.43	35.50	RT	334090.5788	2781768.0247
4512	271+95.43	50.92	RT	334075.1708	2781767.4461
4513	271+99.43	31.00	RT	334094.9255	2781772.1908
4514	271+99.43	26.00	RT	334099.9220	2781772.3784
4515	272+04.43	26.00	RT	334099.73	2781777.37
4516	272+04.43	31.00	RT	334094.7379	2781777.1873
4517	272+12.41	28.50	RT	334096.9366	2781785.2563
4518	272+14.42	22.50	RT	334102.8573	2781787.4807
4519	272+38.13	22.50	RT	334101.9671	2781811.1837
4520	272+38.13	28.50	RT	334095.9713	2781810.9585
4521	272+46.13	28.50	RT	334095.6711	2781818.9529
4522	272+46.13	22.50	RT	334101.6669	2781819.1781
4523	272+52.13	22.50	RT	334101.4417	2781825.1738
4524	272+52.13	28.50	RT	334095.4459	2781824.9487
4525	272+60.13	28.50	RT	334095.1457	2781832.9430
4526	272+60.13	22.50	RT	334101.1415	2781833.1682

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4527	272+98.55	22.50	RT	334099.7000	2781871.5600
4528	272+98.55	28.50	RT	334093.7038	2781871.3360
4529	273+07.55	28.50	RT	334093.3660	2781880.3297
4530	273+07.55	22.50	RT	334099.3618	2781880.5548
4531	273+16.72	28.50	RT	334093.0221	2781889.4884
4532	273+17.55	35.50	RT	334085.9957	2781890.0599
4533	273+33.55	40.50	RT	334080.3987	2781905.8610
4534	273+33.55	35.50	RT	334085.3952	2781906.0486
4535	273+34.39	28.50	RT	334092.3590	2781907.1456
4536	273+43.55	22.50	RT	334098.0108	2781916.5295
4537	273+43.55	28.50	RT	334092.0150	2781916.3043
4538	273+51.55	28.50	RT	334091.7148	2781924.2987
4539	273+51.55	22.50	RT	334097.7105	2781924.5238
4540	273+62.30	22.50	RT	334097.3072	2781935.2631
4541	273+62.30	28.50	RT	334091.31	2781935.04
4542	273+71.30	28.50	RT	334090.9737	2781944.0316
4543	273+71.30	22.50	RT	334096.9694	2781944.2568
4544	274+01.30	22.50	RT	334095.8436	2781974.2356
4545	274+01.30	28.50	RT	334089.8478	2781974.0105
4546	274+09.30	22.50	RT	334095.5433	2781982.2300
4547	274+09.30	28.50	RT	334089.5476	2781982.0048
4548	274+26.75	22.50	RT	334094.8884	2781999.6686
4549	274+28.76	28.50	RT	334088.8173	2782001.4494
4550	274+40.19	32.50	RT	334084.3912	2782012.7198
4551	274+41.04	27.50	RT	334089.3558	2782013.7566
4552	274+44.14	27.50	RT	334089.2395	2782016.8523

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4553	274+44.14	32.50	RT	334084.2431	2782016.6647
4554	274+45.14	40.50	RT	334076.2112	2782017.3637
4555	274+47.14	38.50	RT	334078.1347	2782019.4374
4556	274+49.14	32.50	RT	334084.0554	2782021.6611
4557	274+49.14	27.50	RT	334089.0519	2782021.8488
4558	274+53.06	22.50	RT	334093.9010	2782025.9604
4559	274+55.14	38.50	RT	334077.8345	2782027.4317
4560	274+55.14	47.50	RT	334068.8408	2782027.0940
4561	274+59.14	47.50	RT	334068.6907	2782031.0911
4562	274+59.14	42.50	RT	334073.6872	2782031.2788
4563	274+59.14	32.50	RT	334083.6801	2782031.6541
4564	274+59.14	27.50	RT	334088.6766	2782031.8417
4565	274+64.24	27.50	RT	334088.4849	2782036.9453
4566	274+64.24	32.50	RT	334083.4885	2782036.7576
4567	274+67.21	32.50	RT	334083.38	2782039.72
4568	274+68.06	37.44	RT	334078.4127	2782040.3892
4569	274+64.14	42.50	RT	334073.4995	2782036.2753
4570	274+64.14	47.50	RT	334068.5030	2782036.0876
4571	274+68.64	54.68	RT	334061.1585	2782040.3153
4572	275+08.62	54.51	RT	334059.8288	2782080.2744
4573	275+09.05	37.56	RT	334076.7465	2782081.3376
4574	275+09.90	32.50	RT	334081.7749	2782082.3848
4575	275+12.86	27.50	RT	334086.6602	2782085.5322
4576	275+13.12	32.50	RT	334081.6542	2782085.5977
4577	275+13.12	40.50	RT	334073.6599	2782085.2975
4578	275+13.12	45.50	RT	334068.6634	2782085.1098

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4579	275+13.22	50.50	RT	334063.6629	2782085.0287
4580	275+17.51	50.50	RT	334063.5020	2782089.3148
4581	275+18.12	45.50	RT	334068.4757	2782090.1063
4582	275+18.12	40.50	RT	334073.4722	2782090.2939
4583	275+18.12	32.50	RT	334081.4666	2782090.5942
4584	275+18.12	27.50	RT	334086.4631	2782090.7818
4585	275+24.04	22.50	RT	334091.2371	2782096.8923
4586	275+23.12	40.50	RT	334073.2846	2782095.2904
4587	275+23.12	50.50	RT	334063.2916	2782094.9151
4588	275+26.12	32.50	RT	334081.1664	2782098.5885
4589	275+26.12	27.50	RT	334086.1628	2782098.7762
4590	275+26.12	22.50	RT	334091.1593	2782098.9638
4591	275+31.12	28.50	RT	334084.9759	2782103.7351
4592	275+31.12	32.50	RT	334080.9787	2782103.5850
4593	275+35.69	28.50	RT	334084.80	2782108.31
4594	275+35.69	22.50	RT	334090.7999	2782108.5330
4595	275+45.69	22.50	RT	334090.4246	2782118.5259
4596	275+45.69	28.50	RT	334084.4289	2782118.3008
4597	276+05.69	28.50	RT	334082.1771	2782178.2585
4598	276+05.69	22.50	RT	334088.1729	2782178.4837
4599	276+12.69	22.50	RT	334087.9102	2782185.4787
4600	276+12.69	28.50	RT	334081.9144	2782185.2536
4601	276+23.97	22.50	RT	334087.4871	2782196.7432
4602	276+23.97	28.50	RT	334081.4914	2782196.5180
4603	276+33.97	28.50	RT	334081.1161	2782206.5110
4604	276+33.97	22.50	RT	334087.1118	2782206.7361

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
4605	276+43.13	28.50	RT	334080.7721	2782215.6697
4606	276+43.97	40.50	RT	334068.7492	2782216.0536
4607	276+56.47	40.50	RT	334068.2801	2782228.5448
4608	276+57.30	28.50	RT	334080.2403	2782230.0000
4609	276+66.47	22.50	RT	334085.8921	2782239.2132
4610	276+66.47	28.50	RT	334079.8964	2782238.9881
4611	276+73.47	28.50	RT	334079.6337	2782245.9831
4612	276+73.47	22.50	RT	334085.6294	2782246.2083

SCALE
0 20 40 60

SPECIAL SHEET
GEOMETRICS
SHEET 52 OF 79

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	79

COUNTY
JASPER
JOB NO.
J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

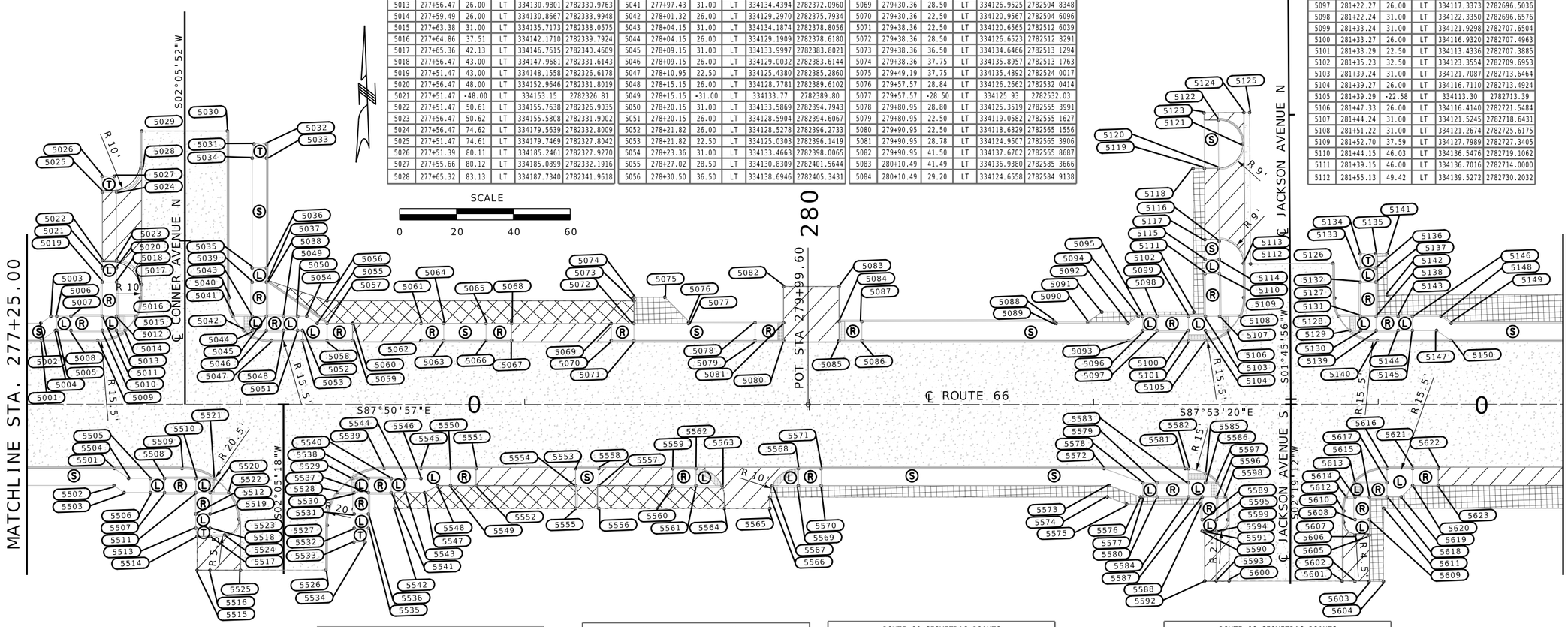
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TRUNCATED DOMES
PAVED APPROACH
AGGREGATE SURFACE
1.75" PMBP (BP-1) OVER 6.25" PMBP (BASE)
6" PCCP PAVEMENT
(S) SIDEWALK
(R) RAMP
(T) TRANSITION
(L) LANDING
ALTERNATE PVMT
9.5" PCCP PVMT

SCALE
0 20 40 60



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NOLTHING	EASTING
5001	277+30.00	22.50	LT	334128.4762	2782304.3884
5002	277+29.85	28.50	LT	334134.4775	2782304.4662
5003	277+33.42	31.00	LT	334136.8417	2782308.1289
5004	277+34.97	25.98	LT	334131.7698	2782309.4910
5005	277+35.47	26.00	LT	334131.7682	2782309.9911
5006	277+35.47	31.00	LT	334136.7647	2782310.1787
5007	277+40.47	31.00	LT	334136.5771	2782315.1752
5008	277+40.47	26.00	LT	334131.5806	2782314.9875
5009	277+49.86	22.50	LT	334127.7306	2782324.2396
5010	277+51.47	26.00	LT	334131.1678	2782325.9798
5011	277+51.47	31.00	LT	334136.1642	2782326.1674
5012	277+56.47	31.00	LT	334135.9766	2782331.1639
5013	277+56.47	26.00	LT	334130.9801	2782330.9763
5014	277+59.49	26.00	LT	334130.8667	2782333.9948
5015	277+63.38	31.00	LT	334135.7173	2782338.0675
5016	277+64.86	37.51	LT	334142.1710	2782339.7924
5017	277+65.36	42.13	LT	334146.7615	2782340.4609
5018	277+56.47	43.00	LT	334147.9681	2782331.6143
5019	277+51.47	43.00	LT	334148.1558	2782326.6178
5020	277+56.47	48.00	LT	334152.9646	2782331.8019
5021	277+51.47	-48.00	LT	334153.15	2782326.81
5022	277+51.47	50.61	LT	334155.7638	2782326.9035
5023	277+56.47	50.62	LT	334155.5808	2782331.9002
5024	277+56.47	74.62	LT	334179.5639	2782332.8009
5025	277+51.47	74.61	LT	334179.7469	2782327.8042
5026	277+51.39	80.11	LT	334185.2461	2782327.9270
5027	277+55.66	80.12	LT	334185.0899	2782332.1916
5028	277+65.32	83.13	LT	334187.7340	2782341.9618

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NOLTHING	EASTING
5029	277+65.31	96.08	LT	334200.6800	2782342.4400
5030	277+95.40	96.10	LT	334199.5736	2782372.5051
5031	278+04.73	91.56	LT	334194.6813	2782381.6631
5032	278+09.15	91.56	LT	334194.5157	2782386.0748
5033	278+09.15	86.56	LT	334189.5192	2782385.8872
5034	278+04.15	86.56	LT	334189.7068	2782380.8907
5035	278+04.15	48.00	LT	334151.1754	2782379.4436
5036	278+09.15	48.00	LT	334150.9877	2782384.4401
5037	278+09.65	43.61	LT	334146.5811	2782384.7749
5038	278+09.15	43.00	LT	334145.9913	2782384.2524
5039	278+04.15	43.00	LT	334146.1789	2782379.2560
5040	277+95.95	37.49	LT	334140.9765	2782370.8589
5041	277+97.43	31.00	LT	334134.4394	2782372.0960
5042	278+01.32	26.00	LT	334129.2970	2782375.7934
5043	278+04.15	31.00	LT	334134.1874	2782378.8056
5044	278+04.15	26.00	LT	334129.1909	2782378.6180
5045	278+09.15	31.00	LT	334133.9997	2782383.8021
5046	278+09.15	26.00	LT	334129.0032	2782383.6144
5047	278+10.95	22.50	LT	334125.4380	2782385.2860
5048	278+15.15	26.00	LT	334128.7781	2782389.6102
5049	278+15.15	-31.00	LT	334133.77	2782389.80
5050	278+20.15	31.00	LT	334133.5869	2782394.7943
5051	278+20.15	26.00	LT	334128.5904	2782394.6067
5052	278+21.82	26.00	LT	334128.5278	2782396.2733
5053	278+21.82	22.50	LT	334125.0303	2782396.1419
5054	278+23.36	31.00	LT	334133.4663	2782398.0065
5055	278+27.02	28.50	LT	334130.8309	2782401.5644
5056	278+30.50	36.50	LT	334138.6946	2782405.3431

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NOLTHING	EASTING
5057	278+30.50	28.50	LT	334130.7002	2782405.0428
5058	278+30.50	22.50	LT	334124.7045	2782404.8176
5059	278+39.50	22.50	LT	334124.3667	2782413.8113
5060	278+39.50	28.50	LT	334130.3625	2782414.0365
5061	278+63.50	28.50	LT	334129.4618	2782438.0196
5062	278+63.50	22.50	LT	334123.4660	2782437.7944
5063	278+71.50	22.50	LT	334123.1658	2782445.7888
5064	278+71.50	28.50	LT	334129.1615	2782446.0139
5065	278+86.36	28.50	LT	334128.6038	2782460.8657
5066	278+86.36	22.50	LT	334122.6080	2782460.6406
5067	278+95.36	22.50	LT	334122.2702	2782469.6342
5068	278+95.36	28.50	LT	334128.2660	2782469.8594
5069	279+30.36	28.50	LT	334126.9525	2782504.8348
5070	279+30.36	22.50	LT	334120.9567	2782504.6096
5071	279+38.36	22.50	LT	334120.6565	2782512.6039
5072	279+38.36	28.50	LT	334126.6523	2782512.8291
5073	279+38.36	36.50	LT	334134.6466	2782513.1294
5074	279+38.36	37.75	LT	334135.8957	2782513.1763
5075	279+49.19	37.75	LT	334135.4892	2782524.0017
5076	279+57.57	28.84	LT	334126.2662	2782532.0414
5077	279+57.57	-28.50	LT	334125.93	2782532.03
5078	279+80.95	28.80	LT	334125.3519	2782555.3991
5079	279+80.95	22.50	LT	334119.0582	2782555.1627
5080	279+90.95	22.50	LT	334118.6829	2782565.1556
5081	279+90.95	28.78	LT	334124.9607	2782565.3906
5082	279+90.95	41.50	LT	334137.6702	2782565.8687
5083	280+10.49	41.49	LT	334136.9380	2782585.3666
5084	280+10.49	29.20	LT	334124.6558	2782584.9138

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NOLTHING	EASTING
5085	280+10.49	22.50	LT	334117.9576	2782584.6669
5086	280+18.49	22.50	LT	334117.6629	2782592.6615
5087	280+18.49	29.21	LT	334124.3686	2782592.9087
5088	280+86.05	29.27	LT	334121.9427	2782660.4283
5089	280+86.83	28.50	LT	334121.1414	2782661.1740
5090	280+97.85	29.00	LT	334121.2350	2782672.2068
5091	281+02.85	32.50	LT	334124.5484	2782677.3323
5092	281+12.12	28.50	LT	334120.2094	2782686.4549
5093	281+12.27	22.50	LT	334114.2080	2782686.3813
5094	281+15.70	31.00	LT	334122.5761	2782690.1160
5095	281+17.24	31.00	LT	334122.5192	2782691.6609
5096	281+17.27	26.00	LT	334117.5215	2782691.5069
5097	281+22.27	26.00	LT	334117.3373	2782696.5036
5098	281+22.24	31.00	LT	334122.3350	2782696.6576
5099	281+33.24	31.00	LT	334121.9298	2782707.6504
5100	281+33.27	26.00	LT	334116.9320	2782707.4963
5101	281+33.29	22.50	LT	334113.4336	2782707.3885
5102	281+35.23	32.50	LT	334123.3554	2782709.6953
5103	281+39.24	31.00	LT	334121.7087	2782713.6464
5104	281+39.27	26.00	LT	334116.7110	2782713.4924
5105	281+39.29	-22.58	LT	334113.30	2782713.39
5106	281+47.33	26.00	LT	334116.4140	2782721.5484
5107	281+44.24	31.00	LT	334121.5245	2782718.6431
5108	281+51.22	31.00	LT	334121.2674	2782725.6175
5109	281+52.70	37.59	LT	334127.7989	2782727.3405
5110	281+44.15	46.03	LT	334136.5476	2782719.1062
5111	281+39.15	46.00	LT	334136.7016	2782714.0000
5112	281+55.13	49.42	LT	334139.5272	2782730.2032

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NOLTHING	EASTING
5501	277+55.75	22.50	RT	334082.5413	2782328.4368
5502	277+55.61	28.50	RT	334076.5511	2782328.0642
5503	277+59.18	31.00	RT	334073.9188	2782331.5393
5504	277+60.75	26.00	RT	334078.8561	2782333.3019
5505	277+68.37	26.00	RT	334078.5701	2782340.9188
5506	277+68.37	31.00	RT	334073.5736	2782340.7311
5507	277+73.37	31.00	RT	334073.3859	2782345.7276
5508	277+73.37	26.00	RT	334078.3824	2782345.9153
5509	277+79.55	22.50	RT	334081.6482	2782352.2175
5510	277+84.37	26.00	RT	334077.9696	2782356.9075
5511	277+84.37	31.00	RT	334072.9731	2782356.7199
5512	277+84.37	38.50	RT	334065.4784	2782356.4384
5513	277+84.37	43.50	RT	334060.4819	2782356.2507
5514	277+84.84	46.40	RT	334057.5666	2782356.6030
5515	277+84.84	58.31	RT	334045.6620	2782356.1559
5516	277+89.37	58.31	RT	334045.4966	2782360.6915
5517	277+89.37	46.40	RT	334057.4012	2782361.1386
5518	277+89.37	43.50	RT	334060.2943	2782361.2472
5519	277+89.37	38.50	RT	334065.2907	2782361.4349
5520	277+89.37	31.00	RT	334072.7855	2782361.7163
5521	277+90.85	26.00	RT	334077.73	2782363.38
5522	277+95.91	31.00	RT	334072.5401	2782368.2500
5523	277+99.43	40.35	RT	334063.0618	2782371.4179
5524	277+94.47	45.89	RT	334057.7152	2782366.2479
5525	278+00.07	58.30	RT	334045.1069	2782371.3768

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
5526	278+30.10	58.26	RT	334044.0124	2782401.3927
5527	278+30.59	42.52	RT	334059.7252	2782402.4660
5528	278+34.22	31.00	RT	334071.1023	2782406.5327
5529	278+39.28	26.00	RT	334075.9100	2782411.7800
5530	278+40.07	31.00	RT	334070.8830	2782412.3732
5531	278+40.07	38.50	RT	334063.3883	2782412.0917
5532	278+40.07	43.50	RT	334058.3918	2782411.9041
5533	278+39.91	48.40	RT	334053.5060	2782411.5645
5534	278+43.90	48.40	RT	334053.3563	2782415.5510
5535	278+45.07	43.50	RT	334058.2042	2782416.9005
5536	278+45.07	38.50	RT	334063.2006	2782417.0882
5537	278+45.07	31.00	RT	334070.6954	2782417.3697
5538	278+45.07	26.00	RT	334075.6918	2782417.5573
5539	278+50.59	22.50	RT	334078.9823	2782423.2033
5540	278+53.07	26.00	RT	334075.3916	2782425.5517
5541	278+53.07	31.00	RT	334070.3951	2782425.3640
5542	278+54.29	36.50	RT	334064.8532	2782426.3775
5543	278+58.07	31.00	RT	334070.2075	2782430.3605
5544	278+58.07	26.00	RT	334075.2040	2782430.5482
5545	278+63.50	22.50	RT	334078.4975	2782436.1109
5546	278+63.50	26.00	RT	334075.00	2782435.98
5547	278+64.78	31.00	RT	334069.9555	2782437.0711
5548	278+69.35	28.50	RT	334072.2825	2782441.7240
5549	278+73.89	28.50	RT	334072.1119	2782446.2656
5550	278+73.89	22.50	RT	334078.1077	2782446.4908

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
5551	278+82.89	22.50	RT	334077.7699	2782455.4844
5552	278+82.89	28.50	RT	334071.7741	2782455.2593
5553	279+17.89	22.50	RT	334076.4564	2782490.4598
5554	279+17.89	28.50	RT	334070.4606	2782490.2346
5555	279+17.89	36.50	RT	334062.4663	2782489.9344
5556	279+26.03	36.50	RT	334062.1608	2782498.0686
5557	279+26.03	28.50	RT	334070.1551	2782498.3689
5558	279+26.03	22.50	RT	334076.1509	2782498.5941
5559	279+52.03	22.50	RT	334075.1751	2782524.5757
5560	279+52.03	28.50	RT	334069.1794	2782524.3506
5561	279+60.17	28.50	RT	334068.8739	2782532.4848
5562	279+60.17	22.50	RT	334074.8697	2782532.7100
5563	279+69.34	28.50	RT	334068.5299	2782541.6435
5564	279+70.17	36.50	RT	334060.5042	2782542.1776
5565	279+86.17	36.50	RT	334059.9038	2782558.1663
5566	279+86.17	32.51	RT	334063.8917	2782558.3161
5567	279+87.00	28.50	RT	334067.8668	2782559.3008
5568	279+96.17	22.50	RT	334073.5186	2782568.6847
5569	279+96.17	28.50	RT	334067.5228	2782568.4595
5570	280+04.15	28.50	RT	334067.2257	2782576.4540
5571	280+04.15	22.50	RT	334073.22	2782576.68
5572	281+03.63	22.50	RT	334069.5571	2782676.0842
5573	281+05.47	28.50	RT	334063.4931	2782677.7093
5574	281+04.77	32.50	RT	334059.5219	2782676.8537
5575	281+11.60	35.00	RT	334056.7719	2782683.5903

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
5576	281+16.41	32.50	RT	334059.0930	2782688.4878
5577	281+17.29	32.50	RT	334059.0604	2782689.3732
5578	281+17.29	27.50	RT	334064.0570	2782689.5574
5579	281+22.29	27.50	RT	334063.8728	2782694.5540
5580	281+22.29	32.50	RT	334058.8762	2782694.3698
5581	281+32.12	22.50	RT	334068.5074	2782704.5587
5582	281+33.29	22.55	RT	334068.4183	2782705.7290
5583	281+33.29	27.50	RT	334063.4676	2782705.5465
5584	281+33.29	32.50	RT	334058.4710	2782705.3623
5585	281+39.29	24.33	RT	334066.4183	2782711.6593
5586	281+39.29	27.50	RT	334063.2465	2782711.5424
5587	281+38.14	32.50	RT	334058.2925	2782710.2045
5588	281+37.63	35.00	RT	334055.8129	2782709.6036
5589	281+38.11	40.50	RT	334050.2990	2782709.8806
5590	281+38.10	44.50	RT	334046.3022	2782709.7187
5591	281+39.10	44.50	RT	334046.2654	2782710.7180
5592	281+39.03	62.00	RT	334028.7784	2782710.0095
5593	281+43.03	62.02	RT	334028.6165	2782714.0063
5594	281+43.10	44.50	RT	334046.1180	2782714.7153
5595	281+43.11	40.50	RT	334050.1148	2782714.8773
5596	281+43.14	32.50	RT	334058.11	2782715.20
5597	281+43.30	27.50	RT	334063.0989	2782715.5472
5598	281+46.26	32.50	RT	334057.9932	2782718.3228
5599	281+47.11	40.51	RT	334049.9528	2782718.8740
5600	281+47.53	62.03	RT	334028.4343	2782718.5026

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
5601	281+87.30	62.18	RT	334026.8245	2782758.2359
5602	281+91.80	62.19	RT	334026.6423	2782762.7322
5603	281+96.80	62.21	RT	334026.4399	2782767.7281
5604	282+01.80	62.23	RT	334026.2375	2782772.7240
5605	281+96.86	46.00	RT	334042.6386	2782768.0000
5606	281+91.86	45.98	RT	334042.8410	2782763.3885
5607	281+87.87	41.47	RT	334047.4992	2782759.5739
5608	281+91.88	40.50	RT	334048.3183	2782763.6104
5609	281+96.88	40.50	RT	334048.1341	2782768.6070
5610	281+87.89	37.45	RT	334051.5178	2782759.7367
5611	282+01.89	36.50	RT	334051.9466	2782773.7656
5612	281+88.74	32.50	RT	334056.4282	2782760.7761
5613	281+91.71	27.50	RT	334061.3157	2782763.9201
5614	281+91.91	32.50	RT	334056.3118	2782763.9342
5615	281+96.91	32.50	RT	334056.1276	2782768.9309
5616	282+03.07	22.50	RT	334065.8938	2782775.4577
5617	282+03.07	27.50	RT	334060.8972	2782775.2735
5618	282+03.07	32.50	RT	334055.9006	2782775.0893
5619	282+08.07	32.50	RT	334055.7164	2782780.0859
5620	282+12.07	28.50	RT	334059.5663	2782784.2305
5621	282+12.07	22.50	RT	334065.56	2782784.45
5622	282+21.07	22.50	RT	334065.2307	2782793.4454
5623	282+21.07	28.50	RT	334059.2347	2782793.2244

SPECIAL SHEET
GEOMETRICS
SHEET 53 OF 79

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	80

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NOLTHING	EASTING
5113	281+52.63	49.58	LT	334139.7835	2782727.7099
5114	281+44.12	51.03	LT	334141.5452	2782719.2602
5115	281+39.12	51.00	LT	334141.6992	2782714.2626
5116	281+44.08	57.37	LT	334147.8816	2782719.4555
5117	281+39.08	58.00	LT	334148.6954	2782714.4782
5118	281+34.93	82.97	LT	334173.8068	2782711.2504
5119	281+38.93	83.00	LT	334173.6835	2782715.2485
5120	281+43.93	83.03	LT	334173.5295	2782720.2461
5121	281+52.38	91.58	LT	334181.7636	2782729.0039
5122	281+43.83	100.03	LT	334190.5214	2782720.7698
5123	281+38.81	102.50	LT	334193.1743	2782715.8492
5124	281+52.81	102.58	LT	334192.7430	2782729.8426
5125	281+54.81	102.59	LT	334192.6813	2782731.8416
5126	281+84.13	49.59	LT	334138.6337	2782759.1889
5127	281+84.70	37.41	LT	334126.4391	2782759.3133
5128	281+86.19	31.00	LT	334119.9794	2782760.5574
5129	281+90.07	26.00	LT	334114.8398	2782764.2581
5130	281+93.77	26.00	LT	334114.7033	2782767.9558
5131	281+93.74	31.00	LT	334119.7010	2782768.1098
5132	281+93.67	43.00	LT	334131.6953	2782768.4795
5133	281+93.64	-48.00	LT	334136.69	2782768.63
5134	281+93.61	53.00	LT	334141.6905	2782768.7876
5135	281+99.11	53.03	LT	334141.5211	2782774.2850
5136	281+99.14	48.03	LT	334136.5235	2782774.1310
5137	281+99.17	43.03	LT	334131.5258	2782773.9769
5138	281+99.24	31.00	LT	334119.4984	2782773.6062
5139	281+99.27	26.00	LT	334114.5006	2782773.4522
5140	281+99.70	22.50	LT	334110.9872	2782773.7536
5141	282+03.11	53.06	LT	334141.3979	2782778.2831
5142	282+03.20	38.50	LT	334126.8476	2782777.8346
5143	282+07.00	31.00	LT	334119.2125	2782781.3615
5144	282+07.00	26.00	LT	334114.2159	2782781.1773
5145	282+12.00	26.00	LT	334114.0317	2782786.1739
5146	282+12.00	31.00	LT	334119.0283	2782786.3581
5147	282+20.50	26.00	LT	334113.7188	2782794.6620
5148	282+22.07	31.00	LT	334118.6573	2782796.4212
5149	282+25.64	28.50	LT	334116.0274	2782799.8981
5150	282+25.50	22.50	LT	334110.0370	2782799.5297

REID BRENNEN CATT
NUMBER
PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	81

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
GEOMETRICS
SHEET 54 OF 79

- TRUNCATED DOMES
- PAVED APPROACH
- AGGREGATE SURFACE
- 1.75" PMBP (BP-1) OVER 6.25" PMBP (BASE)
- 6" PCCP PAVEMENT
- (S) SIDEWALK
- (R) RAMP
- (T) TRANSITION
- (L) LANDING
- ALTERNATE PVMT
- 9.5" PCCP PVMT

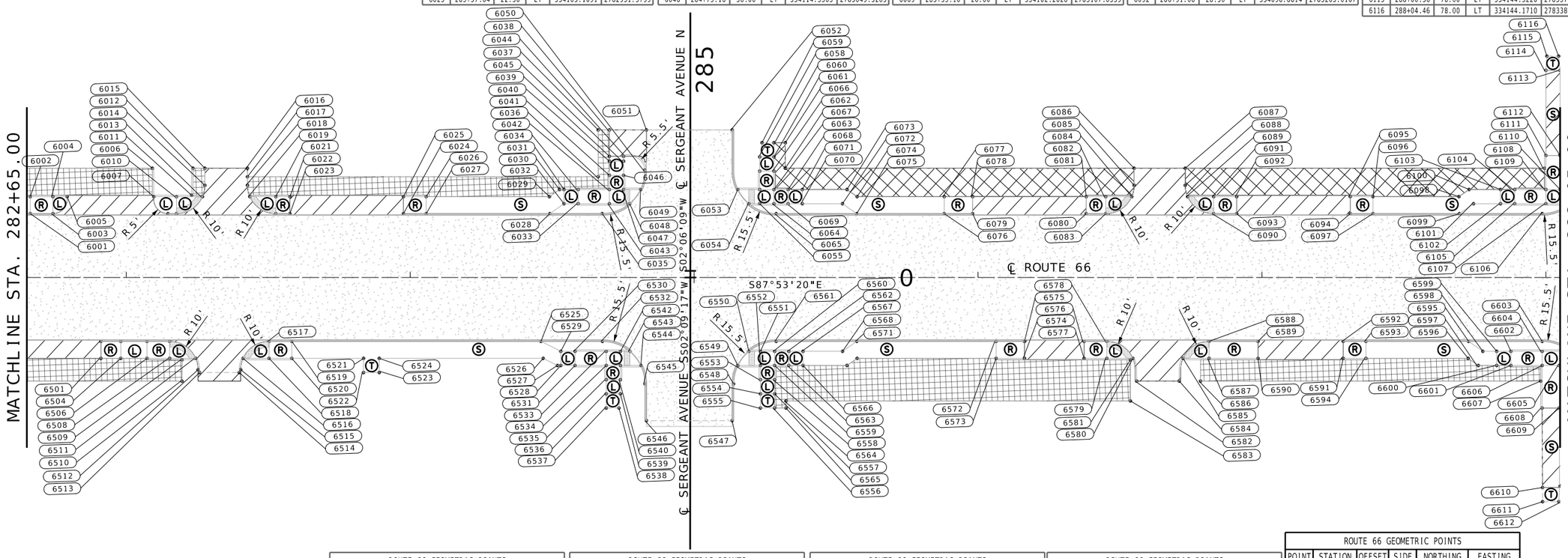
ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6001	282+66.18	22.50	LT	334108.5384	2782840.1802
6002	282+66.18	28.50	LT	334114.5343	2782840.4012
6003	282+74.18	22.50	LT	334108.2437	2782848.1747
6004	282+74.18	28.50	LT	334114.2396	2782848.3958
6005	282+79.18	28.50	LT	334114.0554	2782853.3924
6006	283+09.18	38.50	LT	334122.9435	2782883.7405
6007	283+09.68	28.50	LT	334112.9319	2782883.8717
6008	283+14.68	22.50	LT	334106.7517	2782888.6472
6009	283+17.67	22.50	LT	334106.6413	2782891.6440
6010	283+17.67	28.50	LT	334112.6372	2782891.8650
6011	283+23.02	29.00	LT	334112.9398	2782897.2297
6012	283+23.52	38.50	LT	334122.4149	2782898.0794
6013	283+26.84	28.50	LT	334112.2996	2782901.0239
6014	283+27.67	32.50	LT	334116.2661	2782902.0056
6015	283+27.67	38.50	LT	334122.2620	2782902.2266
6016	283+42.67	38.50	LT	334121.7094	2782917.2164
6017	283+42.67	35.50	LT	334118.7115	2782917.1059
6018	283+42.67	32.50	LT	334115.7135	2782916.9954
6019	283+43.51	28.50	LT	334111.6855	2782917.6823
6020	283+52.67	22.50	LT	334105.3519	2782926.6202
6021	283+52.67	28.50	LT	334111.3478	2782926.8412
6022	283+57.64	28.50	LT	334111.1650	2782931.8009
6023	283+57.64	22.50	LT	334105.1691	2782931.5799

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6024	283+97.64	22.50	LT	334103.6955	2782971.5527
6025	283+97.64	28.50	LT	334109.6914	2782971.7737
6026	284+05.64	28.50	LT	334109.3967	2782979.7683
6027	284+05.64	22.50	LT	334103.4008	2782979.5473
6028	284+49.16	22.50	LT	334101.7975	2783023.0406
6029	284+49.01	28.50	LT	334107.7988	2783023.1142
6030	284+52.58	31.00	LT	334110.1656	2783026.7753
6031	284+54.16	31.00	LT	334110.1075	2783028.3503
6032	284+54.16	26.00	LT	334105.1109	2783028.1661
6033	284+59.16	26.00	LT	334104.9267	2783033.1627
6034	284+59.16	31.00	LT	334109.9233	2783033.3469
6035	284+67.64	22.50	LT	334101.1167	2783041.5077
6036	284+66.21	35.50	LT	334114.1607	2783040.5529
6037	284+66.21	52.00	LT	334130.6495	2783041.1607
6038	284+70.16	52.00	LT	334130.5038	2783045.1131
6039	284+70.16	42.73	LT	334121.2441	2783044.7717
6040	284+70.16	41.00	LT	334119.5113	2783044.7078
6041	284+70.16	36.00	LT	334114.5147	2783044.5236
6042	284+70.16	31.00	LT	334109.5181	2783044.3395
6043	284+70.16	26.00	LT	334104.5215	2783044.1553
6044	284+75.16	42.73	LT	334121.0599	2783049.7683
6045	284+75.16	41.00	LT	334119.3271	2783049.7044
6046	284+75.16	36.00	LT	334114.3305	2783049.5203

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6047	284+75.16	31.00	LT	334109.3339	2783049.3361
6048	284+77.27	26.00	LT	334104.2596	2783051.2608
6049	284+81.16	31.00	LT	334109.1129	2783055.3302
6050	284+82.64	37.85	LT	334115.9049	2783057.0590
6051	284+83.18	52.00	LT	334130.0243	2783058.1209
6052	285+13.40	52.00	LT	334128.9108	2783088.3284
6053	285+15.39	31.00	LT	334107.8519	2783089.5372
6054	285+19.28	26.00	LT	334102.7121	2783093.2381
6055	285+23.10	26.00	LT	334102.5712	2783097.0607
6056	285+23.10	31.00	LT	334107.5678	2783097.2449
6057	285+23.10	37.50	LT	334114.0634	2783097.4843
6058	285+23.10	42.50	LT	334119.0600	2783097.6685
6059	285+23.90	47.50	LT	334124.0272	2783098.6511
6060	285+28.10	47.50	LT	334123.8723	2783102.8525
6061	285+28.10	42.50	LT	334118.8758	2783102.6657
6062	285+28.10	37.50	LT	334113.8792	2783102.4809
6063	285+28.10	31.00	LT	334107.3836	2783102.2415
6064	285+28.10	26.00	LT	334102.3870	2783102.0573
6065	285+28.91	22.50	LT	334098.8597	2783102.7334
6066	285+32.10	47.50	LT	334123.7250	2783106.8466
6067	285+32.10	38.50	LT	334114.7312	2783106.5151
6068	285+33.10	31.00	LT	334107.1994	2783107.2381
6069	285+33.10	26.00	LT	334102.2028	2783107.0539

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6070	285+38.10	26.00	LT	334102.0186	2783112.0505
6071	285+38.10	31.00	LT	334107.0152	2783112.2347
6072	285+52.25	26.00	LT	334101.4975	2783126.1868
6073	285+53.82	31.00	LT	334106.4360	2783127.9460
6074	285+57.39	28.50	LT	334103.8062	2783131.4229
6075	285+57.25	22.50	LT	334097.8157	2783131.0545
6076	285+88.08	22.50	LT	334096.6798	2783161.8684
6077	285+88.09	28.50	LT	334102.6755	2783162.0948
6078	285+98.09	28.50	LT	334102.3071	2783172.0880
6079	285+98.08	22.50	LT	334096.3114	2783171.8616
6080	286+38.08	22.50	LT	334094.8378	2783211.8344
6081	286+38.09	28.50	LT	334100.8335	2783212.0609
6082	286+44.97	28.50	LT	334100.5800	2783218.9385
6083	286+44.97	22.50	LT	334094.5841	2783218.7175
6084	286+54.14	28.50	LT	334100.2424	2783228.0974
6085	286+54.97	32.50	LT	334104.2089	2783229.0791
6086	286+54.97	38.50	LT	334110.2048	2783229.3001
6087	286+72.97	38.50	LT	334109.5417	2783247.2879
6088	286+72.97	32.50	LT	334103.5458	2783247.0669
6089	286+73.80	28.50	LT	334099.5178	2783247.7538
6090	286+82.97	22.50	LT	334093.1842	2783256.6917
6091	286+82.97	28.50	LT	334099.1801	2783256.9127
6092	286+91.08	28.50	LT	334098.8814	2783265.0167

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6093	286+91.08	22.50	LT	334092.8855	2783264.7956
6094	287+31.08	22.50	LT	334091.4119	2783304.7685
6095	287+31.08	28.50	LT	334097.4078	2783304.9895
6096	287+39.08	28.50	LT	334097.1131	2783312.9841
6097	287+39.08	22.50	LT	334091.1172	2783312.7630
6098	287+69.35	28.50	LT	334095.9980	2783343.2340
6099	287+69.50	22.50	LT	334089.9966	2783343.1604
6100	287+72.92	31.00	LT	334098.3647	2783346.8951
6101	287+74.50	26.00	LT	334093.3101	2783348.2859
6102	287+83.99	26.00	LT	334092.9605	2783357.7674
6103	287+83.99	31.00	LT	334097.9571	2783357.9516
6104	287+88.99	31.00	LT	334097.7729	2783362.9482
6105	287+88.99	26.00	LT	334092.7763	2783362.7640
6106	287+98.67	22.50	LT	334088.9219	2783372.3136
6107	287+99.99	26.00	LT	334092.3711	2783373.7566
6108	288+04.99	31.00	LT	334097.1835	2783378.9374
6109	287+99.99	31.00	LT	334097.3677	2783373.9407
6110	287+99.49	38.50	LT	334104.8810	2783373.7174
6111	287+99.99	43.00	LT	334109.3596	2783374.3828
6112	288+04.99	43.00	LT	334109.1795	2783379.3796
6113	288+04.99	73.00	LT	334139.1592	2783380.4847
6114	287+99.99	73.00	LT	334139.3392	2783375.4880
6115	288+00.36	78.00	LT	334144.3220	2783376.0480
6116	288+04.46	78.00	LT	334144.1710	2783380.1435



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6501	282+91.07	28.50	RT	334056.6560	2782863.1769
6502	282+91.07	22.50	RT	334062.6520	2782863.3979
6503	282+98.07	22.50	RT	334062.3941	2782870.3932
6504	282+98.07	28.50	RT	334056.3982	2782870.1721
6505	283+07.31	22.50	RT	334062.0538	2782879.6246
6506	283+07.31	28.50	RT	334056.0579	2782879.4035
6507	283+15.31	22.50	RT	334061.7591	2782887.6191
6508	283+15.31	28.50	RT	334055.7631	2782887.3981
6509	283+19.62	29.00	RT	334055.1045	2782891.6937
6510	283+19.63	36.52	RT	334047.5926	2782891.4251
6511	283+24.47	28.50	RT	334055.4255	2782896.5570
6512	283+25.31	32.50	RT	334051.3975	2782897.2440
6513	283+25.81	33.50	RT	334050.3797	2782897.7068
6514	283+39.81	33.50	RT	334049.8640	2782911.6973
6515	283+40.31	32.50	RT	334050.8449	2782912.2338
6516	283+41.14	28.50	RT	334054.8114	2782913.2154
6517	283+50.31	22.50	RT	334060.4697	2782922.5954
6518	283+50.31	28.50	RT	334054.4738	2782922.3744
6519	283+58.31	22.50	RT	334060.1750	2782930.5900
6520	283+58.31	28.50	RT	334054.1791	2782930.3689
6521	283+83.58	28.50	RT	334053.2480	2782955.6252
6522	283+83.58	33.50	RT	334048.2514	2782955.4410
6523	283+89.10	33.50	RT	334048.0481	2782960.9566

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6524	283+89.10	28.50	RT	334053.0447	2782961.1408
6525	284+46.03	22.50	RT	334056.9432	2783018.2596
6526	284+46.85	28.50	RT	334050.9170	2783018.8577
6527	284+51.85	31.00	RT	334048.2345	2783023.7622
6528	284+53.03	31.00	RT	334048.1911	2783024.9418
6529	284+53.03	26.00	RT	334053.1877	2783025.1260
6530	284+58.03	26.00	RT	334053.0035	2783030.1226
6531	284+58.03	31.00	RT	334048.0069	2783029.9384
6532	284+67.72	22.50	RT	334056.1444	2783039.9284
6533	284+69.03	26.00	RT	334052.5982	2783041.1151
6534	284+69.03	31.00	RT	334047.6016	2783040.9309
6535	284+69.03	36.00	RT	334042.6050	2783040.7467
6536	284+69.03	41.00	RT	334037.6084	2783040.5625
6537	284+69.03	46.00	RT	334032.6118	2783040.3783
6538	284+73.51	46.00	RT	334032.4468	2783044.8544
6539	284+74.03	41.00	RT	334037.4242	2783045.5591
6540	284+74.03	36.00	RT	334042.4208	2783045.7433
6541	284+74.03	31.00	RT	334047.4174	2783045.9275
6542	284+74.03	26.00	RT	334052.4140	2783046.1117
6543	284+77.35	26.00	RT	334052.2920	2783049.4236
6544	284+81.24	31.00	RT	334047.1521	2783053.1246
6545	284+82.72	37.51	RT	334040.5905	2783054.3652
6546	284+83.21	50.43	RT	334027.6626	2783054.3791

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6547	285+13.39	50.45	RT	334026.5278	2783084.5405
6548	285+13.90	37.49	RT	334039.4646	2783085.5276
6549	285+15.38	31.00	RT	334045.8942	2783087.2471
6550	285+19.27	26.00	RT	334050.7476	2783091.3165
6551	285+23.36	26.00	RT	334050.5970	2783095.4025
6552	285+23.36	31.00	RT	334045.6004	2783095.2184
6553	285+23.36	36.00	RT	334040.6038	2783095.0342
6554	285+23.36	41.00	RT	334035.6072	2783094.8500
6555	285+23.36	46.00	RT	334030.6106	2783094.6658
6556	285+28.36	46.00	RT	334030.4264	2783099.6624
6557	285+28.36	41.00	RT	334035.4230	2783099.8466
6558	285+28.36	36.00	RT	334040.4196	2783100.0308
6559	285+28.36	31.00	RT	334045.4162	2783100.2150
6560	285+28.36	26.00	RT	334050.4128	2783100.3992
6561	285+28.90	22.50	RT	334053.8905	2783101.0696
6562	285+33.36	26.00	RT	334050.2286	2783105.3958
6563	285+33.36	31.00	RT	334045.2320	2783105.2116
6564	285+32.36	43.50	RT	334032.7773	2783103.7518
6565	285+32.36	46.00	RT	334030.2790	2783103.6597
6566	285+38.36	31.00	RT	334045.0478	2783110.2082
6567	285+38.36	26.00	RT	334050.0444	2783110.3924
6568	285+52.25	26.00	RT	334049.5326	2783124.2765
6569	285+53.83	31.00	RT	334044.4779	2783125.6674

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6570	285+57.40	28.50	RT	334046.8447	2783129.3285
6571	285+57.25	22.50	RT	334052.8460	2783129.4020
6572	286+06.35	22.50	RT	334051.0375	2783178.4615
6573	286+06.35	28.50	RT	334045.0416	2783178.2405
6574	286+16.35	28.50	RT	334044.6732	2783188.2337
6575	286+16.35	22.50	RT	334050.6691	2783188.4547
6576	286+37.35	22.50	RT	334049.8955	2783209.4405
6577	286+37.35	28.50	RT	334043.8996	2783209.2195
6578	286+45.35	22.50	RT	334049.6008	2783217.4351
6579	286+45.35	28.50	RT	334043.6049	2783217.2140
6580	286+54.51	28.50	RT	334043.2672	2783226.3730
6581	286+53.63	29.00	RT	334042.8000	2783225.4735
6582	286+55.85	36.50	RT	334035.2235	2783227.4122
6583	286+53.63	43.50	RT	334028.3099	2783224.9394
6584	286+70.85	36.50	RT	334034.6709	2783242.4020
6585	286+72.18	28.50	RT	334042.6163	2783244.0307
6586	286+78.36	36.50	RT	334034.3941	2783249.9101
6587	286+81.35	28.50	RT	334042.2787	2783253.1896
6588	286+81.35	22.50	RT	334048.2716	2783253.4105
6589	286+98.60	22.50	RT	334047.6391	2783270.6489
6590	286+98.60	28.50	RT	334041.6432	2783270.4279
6591	287+28.60	28.50	RT	334040.5380	2783300.4075
6592	287+28.60	22.50	RT	334046.5340	2783300.6286

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
6593	287+36.60	22.50	RT	334046.2392	2783308.6231
6594	287+36.60	28.50	RT	334040.2433	2783308.4021
6595	287+72.75	22.50	RT	334044.9073	2783344.7558
6596	287+72.61	28.50	RT	334038.9168	2783344.3873
6597	287+76.18	31.00	RT	334036.2869	2783347.8642
6598	287+77.75	26.00	RT	334041.2254	2783349.6234
6599	287+82.66	26.00	RT	334041.0446	2783354.5299
6600	287+82.66	31.00	RT	334036.0480	2783354.3457
6601	287+87.66	31.00	RT	334035.8638	2783359.3423
6602	287+87.66	26.00	RT	334040.8604	2783359.5265
6603	287+98.69	22.50	RT	334043.9519	2783370.6710
6604	287+98.66	26.00	RT	334040.4551	2783370.5190
6605	288+04.66	31.00	RT	334035.2375	2783376.3307
6606	287+98.66	31.00	RT	334035.4585	2783370.3348
6607	287+98.16	36.50	RT	334029.9807	2783369.6325
6608	287+98.66	46.00	RT	334020.4687	2783369.7822
6609	288+04.66	46.00	RT	334020.2452	2783375.7781
6610	287+98.80	74.00	RT	333992.4828	2783368.8847
6611	287+98.82	79.00	RT	333987.4854	2783368.7217
6612	288+04.55	79.00	RT	333987.2741	2783374.4548

SCALE
0 20 40 60

SPECIAL SHEET
GEOMETRICS
SHEET 55 OF 79

REID BRENNEN CATT ENGINEER NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	82

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TRUNCATED DOMES
PAVED APPROACH
AGGREGATE SURFACE
1.75" PMBP (BP-1) OVER 6.25" PMBP (BASE)
6" PCCP PAVEMENT
Ⓢ SIDEWALK
Ⓡ RAMP
Ⓣ TRANSITION
Ⓛ LANDING
ALTERNATE PVMT
9.5" PCCP PVMT

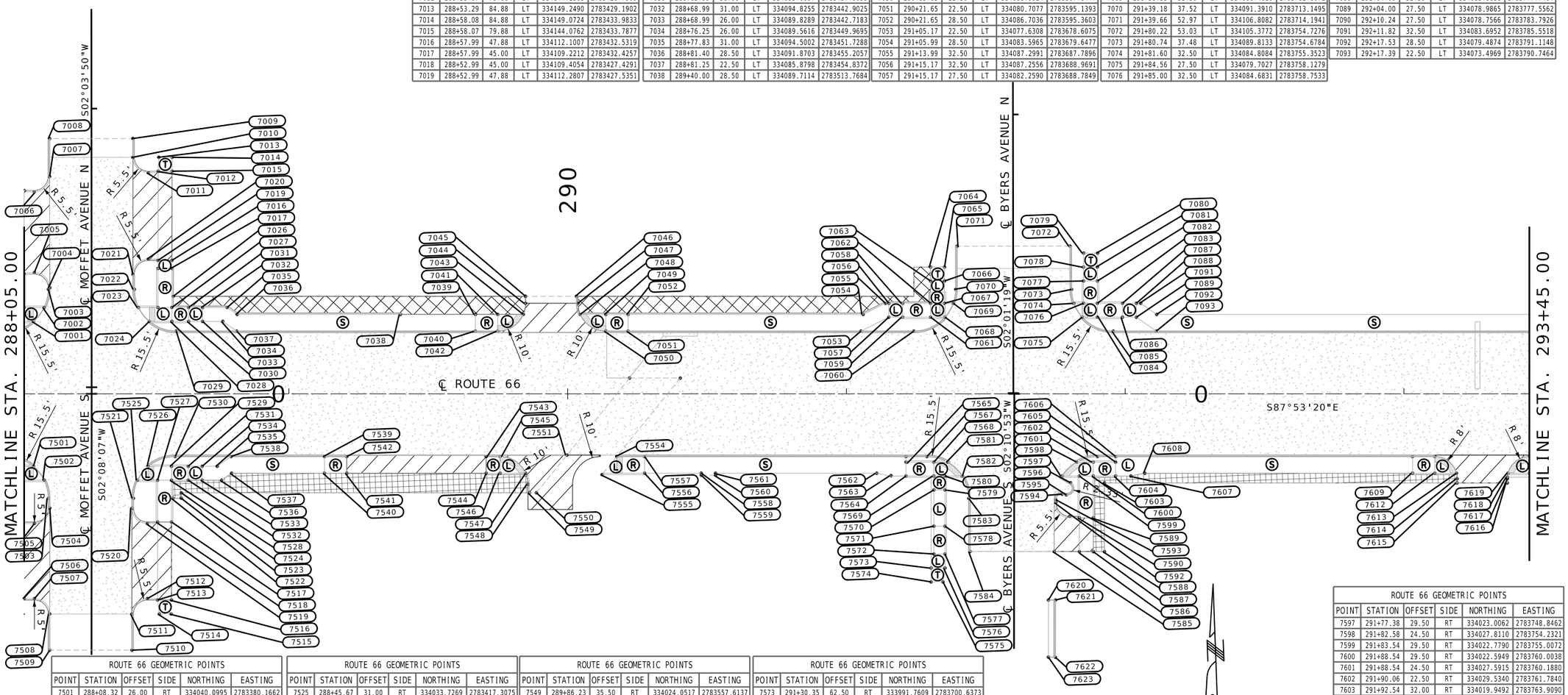
ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7001	288+08.30	26.00	LT	334092.0648	2783382.0667
7002	288+12.19	31.00	LT	334096.9182	2783386.1360
7003	288+13.67	37.51	LT	334103.3716	2783387.8564
7004	288+14.17	38.01	LT	334103.8521	2783388.3741
7005	288+08.67	43.51	LT	334109.5466	2783383.0757
7006	288+08.64	72.51	LT	334138.5278	2783384.1201
7007	288+14.14	78.01	LT	334143.8262	2783389.8145
7008	288+14.13	91.60	LT	334157.4080	2783390.3040
7009	288+44.00	91.63	LT	334156.3323	2783420.1554
7010	288+44.00	84.87	LT	334149.5795	2783419.9121
7011	288+49.51	79.37	LT	334143.8850	2783425.2104
7012	288+53.07	79.88	LT	334144.2563	2783428.7909
7013	288+53.29	84.88	LT	334149.2490	2783429.1902
7014	288+58.08	84.88	LT	334149.0724	2783433.9833
7015	288+58.07	79.88	LT	334144.0762	2783433.7877
7016	288+57.99	47.88	LT	334112.1007	2783432.5319
7017	288+57.99	45.00	LT	334109.2212	2783432.4257
7018	288+52.99	45.00	LT	334109.4054	2783427.4291
7019	288+52.99	47.88	LT	334112.2807	2783427.5351

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7020	288+49.53	48.37	LT	334112.9051	2783424.0941
7021	288+44.04	42.87	LT	334107.6067	2783418.3996
7022	288+44.54	37.49	LT	334102.2095	2783418.7054
7023	288+46.02	31.00	LT	334095.6718	2783419.9469
7024	288+49.91	26.00	LT	334090.5319	2783423.6479
7025	288+52.99	31.00	LT	334095.4149	2783426.9134
7026	288+58.49	35.00	LT	334099.2096	2783432.5570
7027	288+57.99	31.00	LT	334095.2308	2783431.9100
7028	288+57.99	26.00	LT	334090.2341	2783431.7258
7029	288+59.54	22.50	LT	334086.6795	2783433.1431
7030	288+63.99	26.00	LT	334090.0131	2783437.7217
7031	288+63.99	31.00	LT	334095.0097	2783437.9059
7032	288+68.99	31.00	LT	334094.8255	2783442.9025
7033	288+68.99	26.00	LT	334089.8289	2783442.7183
7034	288+76.25	26.00	LT	334089.5616	2783449.9695
7035	288+77.83	31.00	LT	334094.5002	2783451.7288
7036	288+81.40	28.50	LT	334091.8703	2783455.2057
7037	288+81.25	22.50	LT	334085.8798	2783454.8372
7038	289+40.00	28.50	LT	334089.7114	2783513.7684

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7039	289+66.88	28.50	LT	334088.7213	2783540.6284
7040	289+66.88	22.50	LT	334082.7253	2783540.4073
7041	289+74.88	28.50	LT	334088.4266	2783548.6229
7042	289+74.88	22.50	LT	334082.4306	2783548.4019
7043	289+84.04	28.50	LT	334088.0889	2783557.7819
7044	289+84.88	32.50	LT	334092.0555	2783558.7635
7045	289+84.88	35.00	LT	334094.5538	2783558.8556
7046	290+03.15	35.00	LT	334093.8807	2783577.1123
7047	290+03.65	32.50	LT	334091.3640	2783577.5199
7048	290+04.48	28.50	LT	334087.3360	2783578.2068
7049	290+13.65	28.50	LT	334086.9984	2783587.3657
7050	290+13.65	22.50	LT	334081.0024	2783587.1447
7051	290+21.65	22.50	LT	334080.7077	2783595.1393
7052	290+21.65	28.50	LT	334086.7036	2783595.3603
7053	291+05.17	22.50	LT	334077.6308	2783678.6075
7054	291+05.99	28.50	LT	334083.5965	2783679.6477
7055	291+13.99	32.50	LT	334087.2991	2783687.7896
7056	291+15.17	32.50	LT	334087.2556	2783688.9691
7057	291+15.17	27.50	LT	334082.2590	2783688.7849

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7058	291+20.17	32.50	LT	334087.0714	2783693.9657
7059	291+20.17	27.50	LT	334082.0748	2783693.7815
7060	291+24.18	22.50	LT	334076.9304	2783697.6063
7061	291+30.17	27.50	LT	334081.7064	2783703.7748
7062	291+30.17	32.50	LT	334086.7030	2783703.9590
7063	291+30.17	40.50	LT	334094.6976	2783704.2537
7064	291+30.17	45.50	LT	334099.6942	2783704.4379
7065	291+35.17	45.50	LT	334099.5100	2783709.4345
7066	291+35.17	40.50	LT	334094.5134	2783709.2503
7067	291+35.17	32.50	LT	334086.5188	2783708.9556
7068	291+35.36	27.50	LT	334081.5151	2783708.9632
7069	291+38.33	32.50	LT	334086.4026	2783712.1072
7070	291+39.18	37.52	LT	334091.3910	2783713.1495
7071	291+39.66	52.97	LT	334106.8082	2783714.1941
7072	291+80.22	53.03	LT	334105.3772	2783754.7276
7073	291+80.74	37.48	LT	334089.8133	2783754.6784
7074	291+81.60	32.50	LT	334084.8084	2783755.3523
7075	291+84.56	27.50	LT	334079.7027	2783758.1279
7076	291+85.00	32.50	LT	334084.6831	2783758.7533

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7077	291+85.00	40.50	LT	334092.6776	2783759.0480
7078	291+85.00	45.50	LT	334097.6742	2783759.2322
7079	291+85.09	50.50	LT	334102.6677	2783759.5023
7080	291+90.10	50.50	LT	334102.4832	2783764.5075
7081	291+90.00	45.50	LT	334097.4900	2783764.2288
7082	291+90.00	40.50	LT	334092.4934	2783764.0446
7083	291+90.00	32.50	LT	334084.4989	2783763.7499
7084	291+90.00	27.50	LT	334079.5023	2783763.5657
7085	291+95.74	22.50	LT	334074.2942	2783769.1165
7086	291+99.00	27.50	LT	334079.1707	2783772.5596
7087	291+99.00	32.50	LT	334084.1673	2783772.7438
7088	292+04.00	32.50	LT	334083.9831	2783777.7404
7089	292+04.00	27.50	LT	334078.9865	2783777.5562
7090	292+10.24	27.50	LT	334078.7566	2783783.7926
7091	292+11.82	32.50	LT	334083.6952	2783785.5518
7092	292+17.53	28.50	LT	334079.4874	2783791.1148
7093	292+17.39	22.50	LT	334073.4969	2783790.7464



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7501	288+08.32	26.00	RT	334040.0995	2783380.1662
7502	288+12.20	31.00	RT	334034.9597	2783383.8672
7503	288+13.69	37.51	RT	334028.4032	2783385.1080
7504	288+14.18	41.01	RT	334024.8870	2783385.4773
7505	288+08.68	46.50	RT	334019.5958	2783379.7761
7506	288+05.00	73.50	RT	333992.7513	2783375.1023
7507	288+08.67	73.50	RT	333992.6145	2783378.7701
7508	288+14.17	79.01	RT	333986.9134	2783384.0613
7509	288+14.16	92.00	RT	333973.9326	2783383.5773
7510	288+43.66	92.01	RT	333972.8334	2783413.0568
7511	288+43.67	78.99	RT	333985.8392	2783413.5418
7512	288+49.17	73.50	RT	333991.1304	2783419.2429
7513	288+52.85	74.00	RT	333990.4935	2783422.9063
7514	288+53.49	79.00	RT	333985.4713	2783423.3577
7515	288+57.70	79.00	RT	333985.3163	2783427.5613
7516	288+57.85	74.00	RT	333990.3072	2783427.9028
7517	288+57.85	46.00	RT	334018.2881	2783428.9343
7518	288+52.85	46.00	RT	334018.4745	2783423.9378
7519	288+49.18	46.50	RT	334018.1117	2783420.2489
7520	288+43.68	40.99	RT	334023.8128	2783414.9577
7521	288+44.19	37.49	RT	334027.2923	2783415.5878
7522	288+58.35	37.50	RT	334026.7640	2783429.7471
7523	288+61.32	37.45	RT	334026.7025	2783432.7155
7524	288+61.35	35.56	RT	334028.5960	2783432.8168

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7525	288+45.67	31.00	RT	334033.7269	2783417.3075
7526	288+49.55	26.00	RT	334038.5803	2783421.3769
7527	288+52.85	31.00	RT	334033.4622	2783424.4903
7528	288+57.85	31.00	RT	334033.2780	2783429.4869
7529	288+57.85	26.00	RT	334038.2746	2783429.6711
7530	288+59.19	22.50	RT	334041.7232	2783431.1300
7531	288+63.85	26.00	RT	334038.0535	2783435.6670
7532	288+63.85	31.00	RT	334033.0569	2783435.4828
7533	288+68.85	31.00	RT	334032.8727	2783440.4794
7534	288+68.85	26.00	RT	334037.8693	2783440.6636
7535	288+74.25	26.00	RT	334037.6705	2783446.0579
7536	288+75.83	31.00	RT	334032.6158	2783447.4488
7537	288+79.40	28.50	RT	334034.9826	2783451.1099
7538	288+79.25	22.50	RT	334040.9839	2783451.1835
7539	289+12.73	22.50	RT	334039.7505	2783484.6425
7540	289+12.73	28.50	RT	334033.7546	2783484.4215
7541	289+20.73	28.50	RT	334033.4598	2783492.4161
7542	289+20.73	22.50	RT	334039.4558	2783492.6371
7543	289+70.73	22.50	RT	334037.6138	2783542.6031
7544	289+70.73	28.50	RT	334031.6179	2783542.3821
7545	289+75.73	22.50	RT	334037.4296	2783547.5998
7546	289+75.73	28.50	RT	334031.4337	2783547.3787
7547	289+84.90	28.50	RT	334031.0961	2783556.5376
7548	289+85.73	32.50	RT	334027.0680	2783557.2246

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7549	289+86.23	35.50	RT	334024.0517	2783557.6137
7550	289+88.74	35.50	RT	334023.9595	2783560.1142
7551	289+99.72	22.00	RT	334037.0458	2783571.5838
7552	290+22.19	05.66	RT	334058.3717	2783590.2751
7553	290+40.36	05.66	RT	334057.7024	2783608.4333
7554	290+17.57	22.50	RT	334035.8886	2783589.4034
7555	290+12.30	29.00	RT	334029.5868	2783583.9058
7556	290+27.57	28.50	RT	334029.5243	2783599.1755
7557	290+27.57	22.50	RT	334035.5202	2783599.3966
7558	290+47.89	28.50	RT	334028.7755	2783619.4871
7559	290+47.89	29.22	RT	334028.0544	2783619.4605
7560	290+53.05	29.18	RT	334027.9039	2783624.6171
7561	290+53.05	28.50	RT	334028.5855	2783624.6422
7562	291+10.86	28.50	RT	334026.4560	2783682.4080
7563	291+16.03	29.32	RT	334025.4416	2783687.5460
7564	291+21.35	29.50	RT	334025.0701	2783692.8591
7565	291+21.35	24.50	RT	334030.0667	2783693.0433
7566	291+21.35	22.50	RT	334032.0653	2783693.1170
7567	291+28.87	22.50	RT	334031.7882	2783700.6352
7568	291+31.35	24.50	RT	334029.6983	2783703.0365
7569	291+31.35	29.50	RT	334024.7017	2783702.8523
7570	291+31.35	34.50	RT	334019.7051	2783702.6681
7571	291+31.35	47.50	RT	334006.7139	2783702.1892
7572	291+31.35	57.50	RT	333996.7207	2783701.8208

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7573	291+30.35	62.50	RT	333991.7609	2783700.6373
7574	291+30.35	67.50	RT	333986.7643	2783700.4531
7575	291+34.62	67.50	RT	333986.6069	2783704.7222
7576	291+35.35	62.50	RT	333991.5767	2783705.6339
7577	291+35.35	57.50	RT	333996.5733	2783705.8181
7578	291+35.35	47.50	RT	334006.5665	2783706.1865
7579	291+35.35	34.50	RT	334019.5577	2783706.6654
7580	291+35.35	29.50	RT	334024.5543	2783706.8496
7581	291+36.36	24.50	RT	334029.5138	2783708.0398
7582	291+41.56	29.50	RT	334024.3255	2783713.0573
7583	291+43.87	37.52	RT	334016.2274	2783715.0718
7584	291+44.35	56.58	RT	333997.1605	2783714.8459
7585	291+74.54	56.62	RT	333996.0114	2783745.0143
7586	291+83.54	56.63	RT	333995.6689	2783754.0078
7587	291+88.54	56.63	RT	333995.4785	2783759.0042
7588	291+92.54	56.64	RT	333995.3263	2783763.0013
7589	291+88.54	44.50	RT	334007.6050	2783759.4512
7590	291+83.54	44.50	RT	334007.7892	2783754.4546
7591	291+80.06	44.00	RT	334008.4170	2783750.9969
7592	291+75.06	38.99	RT	334013.6039	2783746.1848
7593	291+75.06	37.99	RT	334014.6103	2783746.2231
7594	291+77.37	36.01	RT	334016.4971	2783748.6050
7595	291+78.84	36.24	RT	334016.2120	2783750.0647
7596	291+80.37	31.92	RT	334020.4781	2783751.7527

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7597	291+77.38	29.50	RT	334023.0062	2783748.8462
7598	291+82.58	24.50	RT	334027.8110	2783754.2321
7599	291+83.54	29.50	RT	334022.7790	2783755.0072
7600	291+88.54	29.50	RT	334022.5949	2783760.0038
7601	291+88.54	24.50	RT	334027.5915	2783760.1880
7602	291+90.06	22.50	RT	334029.5340	2783761.7840
7603	291+92.54	32.00	RT	334019.9492	2783763.9090
7604	291+96.54	29.50	RT	334022.3001	2783767.9984
7605	291+96.54	24.50	RT	334027.2967	2783768.1826
7606	291+96.54	22.50	RT	334029.2954	2783768.2563
7607	292+02.04	29.50	RT	334022.0977	2783773.4897
7608	292+07.04	28.50	RT	334022.9128	2783778.5232
7609	293+03.08	28.50	RT	334019.3746	2783874.5031
7610	293+03.08	22.50	RT	334025.3706	2783874.7242
7611	293+11.08	22.50	RT	334025.0759	2783882.7187
7612	293+11.08	28.50	RT	334019.0799	2783882.4977
7613	293+18.83	28.50	RT	334018.7946	2783890.2384
7614	293+19.08	30.50	RT	334016.7866	2783890.4186
7615	293+19.08	32.00	RT	334015.2876	2783890.3633
7616	293+37.08	32.00	RT	334014.6245	2783908.3511
7617	293+37.08	30.50	RT	334016.1235	2783908.4064
7618	293+37.10	29.95	RT	334016.6681	2783908.4451
7619	293+37.34	28.50	RT	334018.1128	2783908.7339

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
7620	291+72.47	74.01	RT	333978.7048	2783742.3015
7621	291+74.97	74.02	RT	333978.6096	2783744.7997
7622	291+74.94	94.52	RT	333958.1245	2783744.0194
7623	291+72.44	94.51	RT	333958.2197	2783741.5212

SCALE
0 20 40 60

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED: 8/11/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 83
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

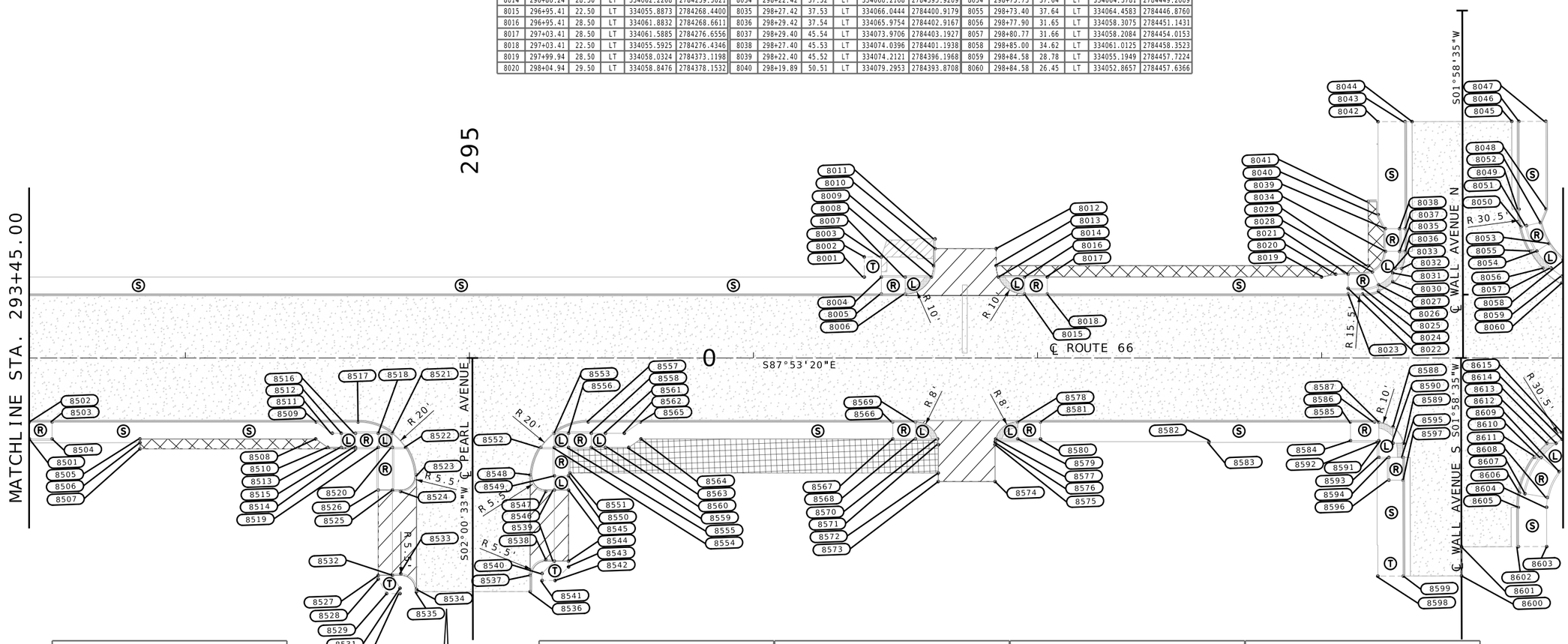
SPECIAL SHEET
GEOMETRICS
SHEET 56 OF 79

- TRUNCATED DOMES
- PAVED APPROACH
- AGGREGATE SURFACE
- 1.75" PMBP (BP-1) OVER 6.25" PMBP (BASE)
- 6" PCCP PAVEMENT
- (S) SIDEWALK
- (R) RAMP
- (T) TRANSITION
- (L) LANDING
- ALTERNATE PVMT
- 9.5" PCCP PVMT

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8001	296+38.98	28.50	LT	334063.9620	2784212.2694
8002	296+38.98	35.57	LT	334071.0265	2784212.5298
8003	296+44.98	35.57	LT	334070.8055	2784218.5257
8004	296+44.98	28.50	LT	334063.7410	2784218.2653
8005	296+44.98	22.50	LT	334057.7450	2784218.0442
8006	296+53.41	22.50	LT	334057.4345	2784226.4685
8007	296+53.41	28.50	LT	334063.4304	2784226.6896
8008	296+62.57	28.50	LT	334063.0928	2784235.8485
8009	296+63.41	32.50	LT	334067.0593	2784236.8301
8010	296+63.91	38.50	LT	334073.0368	2784237.5508
8011	296+63.91	41.92	LT	334076.4496	2784237.6766
8012	296+85.41	38.50	LT	334072.2448	2784259.0362
8013	296+85.41	32.50	LT	334066.2489	2784258.8152
8014	296+86.24	28.50	LT	334062.2208	2784259.5021
8015	296+95.41	22.50	LT	334055.8873	2784268.4400
8016	296+95.41	28.50	LT	334061.8832	2784268.6611
8017	297+03.41	28.50	LT	334061.5885	2784276.6556
8018	297+03.41	22.50	LT	334055.5925	2784276.4346
8019	297+99.94	28.50	LT	334058.0324	2784373.1198
8020	298+04.94	29.50	LT	334058.8476	2784378.1532

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8021	298+09.31	29.50	LT	334058.6863	2784382.5269
8022	298+09.31	24.50	LT	334053.6897	2784382.3427
8023	298+09.31	22.50	LT	334051.6911	2784382.2690
8024	298+14.42	22.50	LT	334051.5029	2784387.3731
8025	298+14.42	24.50	LT	334053.5016	2784387.4468
8026	298+20.00	23.58	LT	334052.3749	2784392.9937
8027	298+20.00	25.76	LT	334054.5557	2784393.0741
8028	298+17.86	30.28	LT	334059.1469	2784391.0940
8029	298+16.43	32.50	LT	334061.4220	2784389.7519
8030	298+25.00	26.87	LT	334055.4816	2784398.1117
8031	298+25.00	29.95	LT	334058.5605	2784398.2252
8032	298+28.18	31.53	LT	334060.0222	2784401.4583
8033	298+25.97	31.53	LT	334060.0986	2784399.2444
8034	298+22.42	37.52	LT	334066.2168	2784395.9209
8035	298+27.42	37.53	LT	334066.0444	2784400.9179
8036	298+29.42	37.54	LT	334065.9754	2784402.9167
8037	298+29.40	45.54	LT	334073.9706	2784403.1927
8038	298+27.40	45.53	LT	334074.0396	2784401.1938
8039	298+22.40	45.52	LT	334074.2121	2784396.1968
8040	298+19.89	50.51	LT	334079.2953	2784393.8708

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8041	298+16.38	55.08	LT	334083.9839	2784390.5305
8042	298+19.81	83.19	LT	334111.9514	2784394.9977
8043	298+29.31	83.21	LT	334111.6237	2784404.4921
8044	298+31.81	83.22	LT	334111.5375	2784406.9906
8045	298+66.89	83.30	LT	334110.3276	2784442.0503
8046	298+69.39	83.30	LT	334110.2414	2784444.5488
8047	298+78.89	83.33	LT	334109.9137	2784454.0431
8048	298+78.96	52.45	LT	334079.0566	2784452.9783
8049	298+69.46	52.43	LT	334079.3843	2784443.4839
8050	298+70.13	46.20	LT	334073.1382	2784443.9222
8051	298+72.09	46.62	LT	334073.4857	2784445.8917
8052	298+76.98	47.67	LT	334074.3542	2784450.8157
8053	298+79.97	40.30	LT	334066.8730	2784453.5340
8054	298+75.73	37.64	LT	334064.3781	2784449.2009
8055	298+73.40	37.64	LT	334064.4583	2784446.8760
8056	298+77.90	31.65	LT	334058.3075	2784451.1431
8057	298+80.77	31.66	LT	334058.2084	2784454.0153
8058	298+85.00	34.62	LT	334061.0125	2784458.3523
8059	298+84.58	28.78	LT	334055.1949	2784457.7224
8060	298+84.58	26.45	LT	334052.8657	2784457.6366



ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8501	293+45.08	28.50	RT	334017.8274	2783916.4746
8502	293+45.08	22.50	RT	334023.8233	2783916.6957
8503	293+53.08	22.50	RT	334023.5286	2783924.6902
8504	293+53.08	28.50	RT	334017.5327	2783924.4692
8505	293+84.03	28.50	RT	334016.3927	2783955.3932
8506	293+84.03	29.80	RT	334015.0961	2783955.3454
8507	293+84.03	32.00	RT	334012.8951	2783955.2643
8508	294+45.86	28.50	RT	334014.1150	2784017.1803
8509	294+46.00	22.50	RT	334020.1055	2784017.5488
8510	294+50.14	31.50	RT	334010.9592	2784021.3526
8511	294+51.72	26.50	RT	334015.8977	2784023.1118
8512	294+54.88	26.50	RT	334015.7813	2784026.2701
8513	294+54.88	31.50	RT	334010.7847	2784026.0859
8514	294+59.87	32.00	RT	334010.1010	2784031.0582
8515	294+59.88	31.50	RT	334010.6005	2784031.0825
8516	294+59.88	26.50	RT	334015.5971	2784031.2667
8517	294+60.81	22.50	RT	334019.5601	2784032.3426
8518	294+67.88	26.50	RT	334015.3024	2784039.2613
8519	294+67.88	31.50	RT	334010.3058	2784039.0771
8520	294+72.88	31.50	RT	334010.1216	2784044.0737
8521	294+72.81	26.50	RT	334015.1208	2784044.1871
8522	294+77.51	31.50	RT	334009.9509	2784048.7030
8523	294+81.26	41.13	RT	334000.1859	2784052.0967

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8524	294+75.77	47.00	RT	333994.5254	2784046.3965
8525	294+72.88	46.50	RT	333995.1318	2784043.5211
8526	294+67.88	46.50	RT	333995.3160	2784038.5245
8527	294+67.88	76.57	RT	333965.2695	2784037.4169
8528	294+67.88	77.86	RT	333963.9784	2784037.3693
8529	294+70.86	82.94	RT	333958.7938	2784040.1605
8530	294+75.55	82.94	RT	333958.6208	2784044.8523
8531	294+75.55	81.06	RT	333960.4981	2784044.9215
8532	294+72.88	76.50	RT	333965.1521	2784042.4160
8533	294+75.88	76.00	RT	333965.5413	2784045.4310
8534	294+81.38	81.49	RT	333959.8522	2784050.7250
8535	294+81.38	82.29	RT	333959.0532	2784050.6970
8536	295+21.38	82.22	RT	333957.6509	2784090.6723
8537	295+21.37	76.51	RT	333963.3560	2784090.8724
8538	295+26.87	71.00	RT	333968.6595	2784096.5716
8539	295+29.88	71.50	RT	333968.0489	2784099.5615
8540	295+25.57	75.87	RT	333963.8391	2784095.0925
8541	295+25.57	78.33	RT	333961.3780	2784095.0018
8542	295+30.16	78.33	RT	333961.2088	2784099.5923
8543	295+34.88	73.55	RT	333965.8155	2784104.4825
8544	295+34.88	71.50	RT	333967.8647	2784104.5581
8545	295+34.88	46.50	RT	333992.8478	2784105.4790
8546	295+29.88	46.50	RT	333993.0319	2784100.4824

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8547	295+26.84	47.00	RT	333992.6442	2784097.4286
8548	295+21.35	41.13	RT	333998.7090	2784092.1607
8549	295+29.88	41.50	RT	333998.0286	2784100.6666
8550	295+34.88	41.50	RT	333997.8444	2784105.6632
8551	295+35.38	40.50	RT	333998.8253	2784106.1997
8552	295+25.10	31.50	RT	334008.1976	2784096.2641
8553	295+29.81	26.50	RT	334013.0210	2784101.1484
8554	295+29.88	31.50	RT	334008.0218	2784101.0350
8555	295+34.88	31.50	RT	334007.8376	2784106.0316
8556	295+34.88	26.50	RT	334012.8342	2784106.2158
8557	295+41.81	22.50	RT	334016.5762	2784113.2876
8558	295+42.88	26.50	RT	334012.5395	2784114.2104
8559	295+42.88	31.50	RT	334007.5429	2784114.0262
8560	295+47.88	31.50	RT	334007.3587	2784119.0228
8561	295+47.88	26.50	RT	334012.3553	2784119.2070
8562	295+54.50	26.50	RT	334012.1112	2784125.8278
8563	295+56.08	31.50	RT	334007.0565	2784127.2186
8564	295+60.36	28.50	RT	334009.8966	2784131.6119
8565	295+60.22	22.50	RT	334015.8980	2784131.6855
8566	296+49.02	22.50	RT	334012.6265	2784220.4305
8567	296+49.02	28.50	RT	334006.6306	2784220.2094
8568	296+57.02	28.50	RT	334006.3359	2784228.2040
8569	296+57.02	22.50	RT	334012.3318	2784228.4250

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8570	296+64.77	28.50	RT	334006.0505	2784235.9447
8571	296+65.02	30.50	RT	334004.0425	2784236.1249
8572	296+65.02	40.50	RT	333994.0493	2784235.7565
8573	296+65.02	43.50	RT	333991.0513	2784235.6460
8574	296+85.02	43.50	RT	333990.3146	2784255.6324
8575	296+85.02	30.50	RT	334003.3057	2784256.1113
8576	296+85.09	29.46	RT	334004.3460	2784256.2181
8577	296+85.28	28.50	RT	334005.2950	2784256.4389
8578	296+93.02	22.50	RT	334011.0056	2784264.4006
8579	296+93.02	28.50	RT	334005.0097	2784264.1796
8580	297+01.02	28.50	RT	334004.7150	2784272.1741
8581	297+01.10	22.72	RT	334010.4855	2784272.4667
8582	297+60.29	29.46	RT	334001.5759	2784331.3621
8583	297+60.29	29.75	RT	334001.2817	2784331.3513
8584	298+10.12	29.11	RT	334000.0857	2784381.1758
8585	298+10.10	22.50	RT	334006.6924	2784381.4038
8586	298+18.63	22.50	RT	334006.3784	2784389.9216
8587	298+20.11	22.61	RT	334006.2144	2784391.3933
8588	298+25.11	24.24	RT	334004.4023	2784396.3337
8589	298+28.83	30.00	RT	333998.5078	2784399.8364
8590	298+25.12	30.00	RT	333998.6443	2784396.1350
8591	298+20.12	29.11	RT	333999.7173	2784391.1691
8592	298+19.50	29.61	RT	333999.2392	2784390.5346

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8593	298+20.13	35.00	RT	333993.8314	2784390.9659
8594	298+23.63	35.00	RT	333993.7025	2784394.4636
8595	298+28.63	35.00	RT	333993.5183	2784399.4602
8596	298+23.65	43.00	RT	333985.7072	2784394.1876
8597	298+28.65	43.00	RT	333985.5230	2784399.1843
8598	298+19.75	76.79	RT	333952.0865	2784389.0466
8599	298+28.73	76.77	RT	333951.7769	2784398.0197
8600	298+49.23	76.72	RT	333951.0698	2784418.5075
8601	298+49.21	66.48	RT	333961.3046	2784418.8607
8602	298+69.21	66.43	RT	333960.6148	2784438.8488
8603	298+79.21	66.41	RT	333960.2699	2784448.8428
8604	298+79.18	52.55	RT	333974.1213	2784449.3209
8605	298+69.18	52.57	RT	333974.4662	2784439.3268
8606	298+69.61	47.43	RT	333979.5860	2784439.9470
8607	298+71.58	47.77	RT	333979.1757	2784441.9045
8608	298+79.46	49.12	RT	333977.5345	2784449.7343
8609	298+83.56	40.00	RT	333986.4982	2784454.1675
8610	298+77.32	35.00	RT	333991.7248	2784448.1110
8611	298+74.81	35.00	RT	333991.8173	2784445.6032
8612	298+79.33	30.00	RT	333996.6472	2784450.3086
8613	298+82.51	30.00	RT	333996.5302	2784453.4831
8614	298+84.58	28.60	RT	333997.8507	2784455.6085
8615	298+84.58	26.29	RT	334000.1640	2784455.6936

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
8616	294+75.47	130.55	RT	333911.0448	2784043.0188
8617	294+75.45	116.55	RT	333925.0362	2784043.5097
8618	294+81.47	130.54	RT	333910.8344	2784049.0152
8619	294+81.45	116.54	RT	333924.8258	2784049.5060
8620	295+18.28	135.47	RT	333904.5527	2784085.6174
8621	295+18.25	114.97	RT	333925.0401	2784086.3361
8622	295+21.78	135.46	RT	333904.4300	2784089.1153
8623	295+21.75	114.96	RT	333924.9174	2784089.8340

SPECIAL SHEET
GEOMETRICS
SHEET 57 OF 79

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	84

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
0	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

- TRUNCATED DOMES
- PAVED APPROACH
- AGGREGATE SURFACE
- 1.75" PMBP (BP-1) OVER 6.25" PMBP (BASE)
- 6" PCCP PAVEMENT
- (S) SIDEWALK
- (R) RAMP
- (T) TRANSITION
- (L) LANDING
- ALTERNATE PVMT
- 9.5" PCCP PVMT

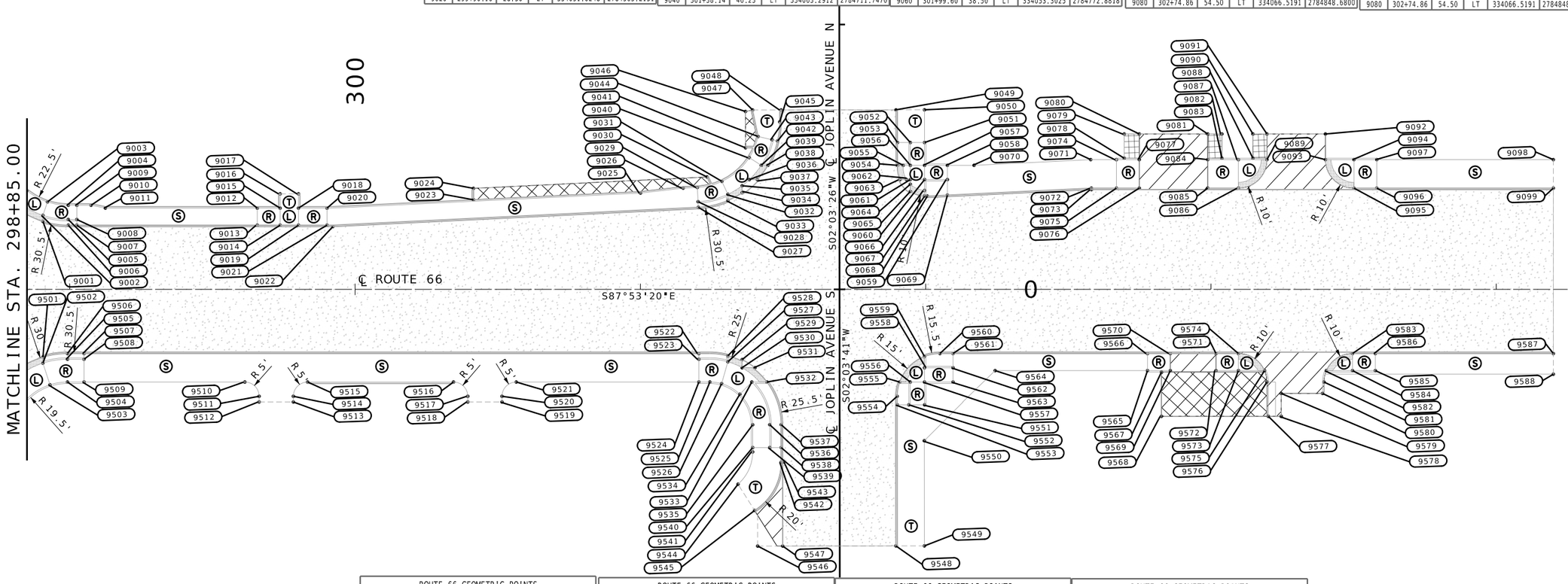
ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9001	298+90.58	23.84	LT	334050.0405	2784463.5365
9002	298+90.58	25.95	LT	334052.1401	2784463.6139
9003	298+92.17	30.69	LT	334056.8204	2784465.3732
9004	298+99.46	29.50	LT	334055.3652	2784472.6188
9005	298+99.46	24.50	LT	334050.3686	2784472.4346
9006	298+99.46	22.50	LT	334048.3699	2784472.3609
9007	299+02.46	22.50	LT	334048.2594	2784475.3589
9008	299+02.46	24.50	LT	334050.2581	2784475.4325
9009	299+02.46	29.50	LT	334055.2547	2784475.6167
9010	299+07.46	29.50	LT	334055.0705	2784480.6133
9011	299+12.46	28.50	LT	334053.8870	2784485.5731
9012	299+65.72	28.50	LT	334051.9250	2784538.7938
9013	299+65.72	22.50	LT	334045.9291	2784538.5728
9014	299+73.72	22.50	LT	334045.6344	2784546.5674
9015	299+73.72	28.50	LT	334051.6303	2784546.7884
9016	299+73.72	33.50	LT	334056.6269	2784546.9726
9017	299+80.16	33.50	LT	334056.3898	2784553.4060
9018	299+80.16	28.50	LT	334051.3932	2784553.2219
9019	299+80.16	22.50	LT	334045.3972	2784553.0008
9020	299+90.16	28.50	LT	334051.0248	2784563.2151

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9021	299+90.16	22.50	LT	334045.0289	2784562.9940
9022	299+92.18	22.00	LT	334044.4547	2784564.9954
9023	300+41.49	31.42	LT	334052.0509	2784614.6177
9024	300+41.49	35.42	LT	334056.0529	2784614.7652
9025	301+00.06	33.78	LT	334052.2544	2784673.2313
9026	301+14.99	35.51	LT	334053.4344	2784688.2183
9027	301+20.30	28.76	LT	334046.4945	2784693.2728
9028	301+20.20	30.76	LT	334048.4944	2784693.2488
9029	301+19.95	35.76	LT	334053.4940	2784693.1888
9030	301+23.37	39.43	LT	334057.0369	2784696.7406
9031	301+28.54	37.88	LT	334055.2987	2784701.8474
9032	301+30.66	33.34	LT	334050.6812	2784703.7939
9033	301+30.66	31.16	LT	334048.5042	2784703.7137
9034	301+35.66	33.89	LT	334051.0513	2784708.8109
9035	301+35.66	36.35	LT	334053.5063	2784708.9014
9036	301+38.19	38.50	LT	334055.5647	2784711.5147
9037	301+40.99	38.50	LT	334055.4617	2784714.3070
9038	301+44.68	43.50	LT	334060.3223	2784718.1819
9039	301+42.36	43.50	LT	334060.4079	2784715.8608
9040	301+38.14	46.23	LT	334063.2912	2784711.7470

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9041	301+36.84	49.63	LT	334066.7381	2784710.5740
9042	301+48.08	52.04	LT	334068.7297	2784721.8911
9043	301+46.13	52.48	LT	334069.2472	2784719.9592
9044	301+41.25	53.60	LT	334070.5410	2784715.1295
9045	301+48.83	58.76	LT	334075.4155	2784722.8934
9046	301+36.83	62.39	LT	334079.4910	2784711.0321
9047	301+39.33	62.91	LT	334079.9153	2784713.5489
9048	301+49.33	62.92	LT	334079.5564	2784723.5425
9049	301+89.58	62.96	LT	334078.1116	2784763.7664
9050	301+99.58	62.97	LT	334077.7526	2784773.7600
9051	301+99.59	51.50	LT	334066.2941	2784773.3484
9052	301+94.59	51.50	LT	334066.4783	2784768.3518
9053	301+90.09	51.50	LT	334066.6440	2784763.8549
9054	301+90.10	43.50	LT	334058.6492	2784763.5677
9055	301+92.10	43.50	LT	334058.5755	2784765.5664
9056	301+94.60	43.50	LT	334058.4834	2784768.0647
9057	301+99.60	43.50	LT	334058.2992	2784773.0613
9058	302+07.60	43.50	LT	334058.0045	2784781.0558
9059	302+07.60	38.50	LT	334053.0077	2784780.8764
9060	301+99.60	38.50	LT	334053.3025	2784772.8818

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9061	301+94.60	38.50	LT	334053.4866	2784767.8852
9062	301+93.27	38.50	LT	334053.5355	2784766.5594
9063	301+91.01	38.50	LT	334053.6189	2784764.2980
9064	301+94.60	36.86	LT	334051.8503	2784767.8264
9065	301+94.60	34.32	LT	334049.3098	2784767.7351
9066	301+99.60	34.69	LT	334049.4974	2784772.7451
9067	301+99.61	32.69	LT	334047.4955	2784772.6732
9068	302+00.58	32.69	LT	334047.4594	2784773.6514
9069	302+07.61	33.03	LT	334047.5437	2784780.6801
9070	302+16.92	43.50	LT	334057.6609	2784790.3783
9071	302+57.83	45.50	LT	334058.1525	2784831.3333
9072	302+58.08	35.50	LT	334048.1502	2784831.2091
9073	302+58.09	35.00	LT	334047.6501	2784831.2029
9074	302+66.86	45.50	LT	334057.8199	2784840.3539
9075	302+66.86	35.50	LT	334047.8267	2784839.9855
9076	302+74.86	35.50	LT	334047.5320	2784847.9800
9077	302+74.86	45.50	LT	334057.5252	2784848.3484
9078	302+69.57	46.00	LT	334058.2199	2784843.0757
9079	302+69.57	54.50	LT	334066.7142	2784843.3888
9080	302+74.86	54.50	LT	334066.5191	2784848.6800

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9081	302+98.86	54.50	LT	334065.6350	2784872.6637
9082	303+03.82	54.50	LT	334065.4522	2784877.6215
9083	303+03.82	46.00	LT	334056.9580	2784877.3084
9084	302+98.86	45.50	LT	334056.6411	2784872.3321
9085	302+98.86	35.50	LT	334046.6479	2784871.9637
9086	303+09.61	35.50	LT	334046.2520	2784882.7028
9087	303+09.61	45.50	LT	334056.2452	2784883.0712
9088	303+14.68	46.00	LT	334056.5579	2784888.1615
9089	303+19.61	45.50	LT	334055.8768	2784893.0644
9090	303+14.68	54.50	LT	334065.0521	2784888.4747
9091	303+19.61	54.50	LT	334064.8707	2784893.3960
9092	303+40.11	54.50	LT	334064.1155	2784913.8821
9093	303+40.11	45.50	LT	334055.1216	2784913.5505
9094	303+50.11	45.50	LT	334054.7532	2784923.5437
9095	303+50.11	35.50	LT	334044.7600	2784923.1753
9096	303+58.11	35.50	LT	334044.4653	2784931.1699
9097	303+58.11	45.50	LT	334054.4585	2784931.5383
9098	304+20.00	45.50	LT	334052.1784	2784993.3900
9099	304+20.00	35.50	LT	334042.1852	2784993.0216
9080	302+74.86	54.50	LT	334066.5191	2784848.6800

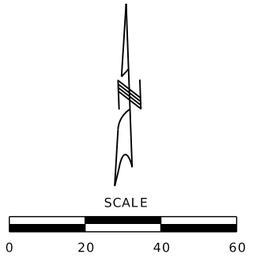


ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9501	298+90.58	24.00	RT	334002.4722	2784461.7830
9502	298+90.58	26.00	RT	334000.3795	2784461.7058
9503	298+93.04	33.00	RT	333992.6800	2784463.8781
9504	298+99.18	33.00	RT	333993.4179	2784470.0457
9505	298+99.18	25.00	RT	334001.4125	2784470.3404
9506	298+99.18	23.00	RT	334003.4111	2784470.4141
9507	299+05.00	23.00	RT	334003.1966	2784476.2351
9508	299+05.00	25.00	RT	334001.1979	2784476.1614
9509	299+05.00	33.00	RT	333993.2033	2784475.8667
9510	299+61.36	33.00	RT	333991.1271	2784532.1891
9511	299+66.36	38.00	RT	333985.9463	2784537.0015
9512	299+66.36	40.00	RT	333983.9476	2784536.9278
9513	299+78.36	40.00	RT	333983.5056	2784548.9197
9514	299+78.36	38.00	RT	333985.5042	2784548.9934
9515	299+83.36	33.00	RT	333990.3166	2784554.1742
9516	300+34.47	33.00	RT	333988.4337	2784605.2531
9517	300+39.47	38.00	RT	333983.2529	2784610.0655
9518	300+39.47	40.00	RT	333981.2542	2784609.9918
9519	300+51.47	40.00	RT	333980.8122	2784621.9837
9520	300+51.47	38.00	RT	333982.8108	2784622.0574
9521	300+56.47	33.00	RT	333987.6232	2784627.2382
9522	301+20.48	23.00	RT	333995.2585	2784691.5694

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9523	301+20.48	25.00	RT	333993.2599	2784691.4957
9524	301+20.48	33.00	RT	333985.2653	2784691.2010
9525	301+24.34	33.00	RT	333985.1230	2784695.0615
9526	301+28.46	33.00	RT	333984.3959	2784699.1536
9527	301+30.66	25.00	RT	333992.0028	2784701.6308
9528	301+30.66	23.00	RT	333994.0745	2784701.7072
9529	301+35.66	25.00	RT	333992.5549	2784706.6545
9530	301+35.66	28.00	RT	333989.7029	2784706.5494
9531	301+40.16	28.00	RT	333989.5368	2784711.0543
9532	301+44.34	33.00	RT	333984.3862	2784715.0479
9533	301+39.04	33.00	RT	333984.5816	2784709.7485
9534	301+34.84	37.00	RT	333980.4534	2784705.3943
9535	301+39.34	47.00	RT	333969.5936	2784709.4992
9536	301+45.34	47.00	RT	333969.3777	2784715.4953
9537	301+49.34	47.00	RT	333969.2339	2784719.4928
9538	301+49.35	55.00	RT	333961.2390	2784719.2050
9539	301+45.35	55.00	RT	333961.3829	2784715.2076
9540	301+39.35	55.00	RT	333961.5988	2784709.2114
9541	301+39.35	57.00	RT	333960.0896	2784709.1571
9542	301+49.36	61.00	RT	333956.1121	2784719.0204
9543	301+49.86	61.00	RT	333956.0859	2784719.5198
9544	301+34.21	68.00	RT	333948.9635	2784703.5962

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9545	301+40.02	78.00	RT	333939.5303	2784709.0668
9546	301+41.10	90.00	RT	333927.0200	2784709.6821
9547	301+49.88	90.00	RT	333926.7040	2784718.4622
9548	301+89.55	90.00	RT	333925.2771	2784758.1031
9549	301+99.55	90.00	RT	333924.9174	2784768.0967
9550	301+99.52	53.00	RT	333961.7737	2784769.4233
9551	301+99.59	41.00	RT	333974.3565	2784769.9596
9552	301+94.09	41.00	RT	333974.5591	2784764.4633
9553	301+90.00	41.00	RT	333974.7096	2784760.3828
9554	301+90.00	38.00	RT	333977.6946	2784760.4902
9555	301+90.86	33.00	RT	333982.6726	2784761.5322
9556	301+94.58	33.00	RT	333982.5355	2784765.2508
9557	301+99.58	33.00	RT	333982.3513	2784770.2474
9558	301+99.58	28.00	RT	333987.3481	2784770.4272
9559	301+99.57	24.00	RT	333991.3287	2784770.5705
9560	302+05.00	23.00	RT	333992.1448	2784776.0331
9561	302+09.57	23.00	RT	333991.9765	2784780.6003
9562	302+09.58	28.00	RT	333986.9797	2784780.4204
9563	302+09.58	33.00	RT	333981.9830	2784780.2406
9564	302+24.32	29.00	RT	333985.4374	2784795.1121
9565	302+77.75	29.00	RT	333983.4691	2784848.5078
9566	302+77.75	23.00	RT	333989.4650	2784848.7289

ROUTE 66 GEOMETRIC POINTS					
POINT	STATION	OFFSET	SIDE	NORTHING	EASTING
9567	302+82.62	29.00	RT	333982.7900	2784853.3568
9568	302+82.62	45.00	RT	333967.2636	2784852.7844
9569	302+85.75	29.00	RT	333983.1744	2784856.5024
9570	302+85.75	23.00	RT	333989.1703	2784856.7234
9571	303+01.75	23.00	RT	333988.5809	2784872.7126
9572	303+01.75	29.00	RT	333982.5849	2784872.4915
9573	303+09.60	29.00	RT	333982.2958	2784880.3354
9574	303+09.60	23.00	RT	333988.2917	2784880.5564
9575	303+18.76	29.00	RT	333981.9582	2784889.4943
9576	303+19.60	33.00	RT	333977.9301	2784890.1812
9577	303+20.10	45.00	RT	333965.8829	2784890.2374
9578	303+24.60	45.00	RT	333965.7172	2784894.7344
9579	303+24.60	37.00	RT	333973.7486	2784895.0305
9580	303+39.10	37.00	RT	333973.2145	2784909.5206
9581	303+39.60	33.00	RT	333977.1933	2784910.1676
9582	303+40.43	29.00	RT	333981.1599	2784911.1493
9583	303+49.60	23.00	RT	333986.8182	2784920.5292
9584	303+49.60	29.00	RT	333980.8222	2784920.3082
9585	303+57.60	29.00	RT	333980.5275	2784928.3028
9586	303+57.60	23.00	RT	333986.5235	2784928.5238
9587	304+20.00	23.00	RT	333984.2246	2784990.8850
9588	304+20.00	30.00	RT	333976.9795	2784990.6179



REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	85

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

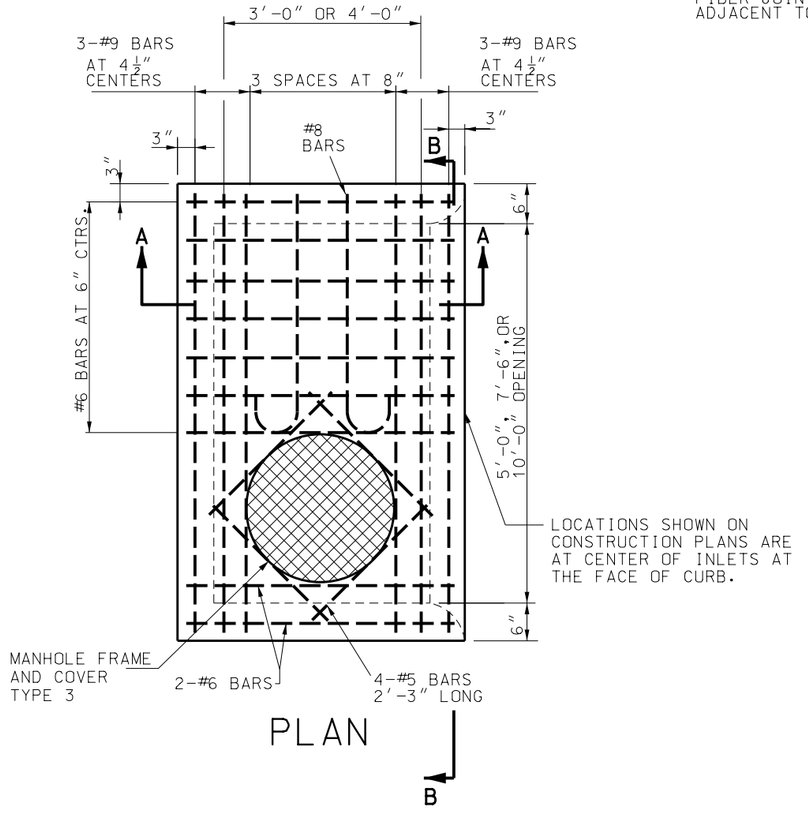
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

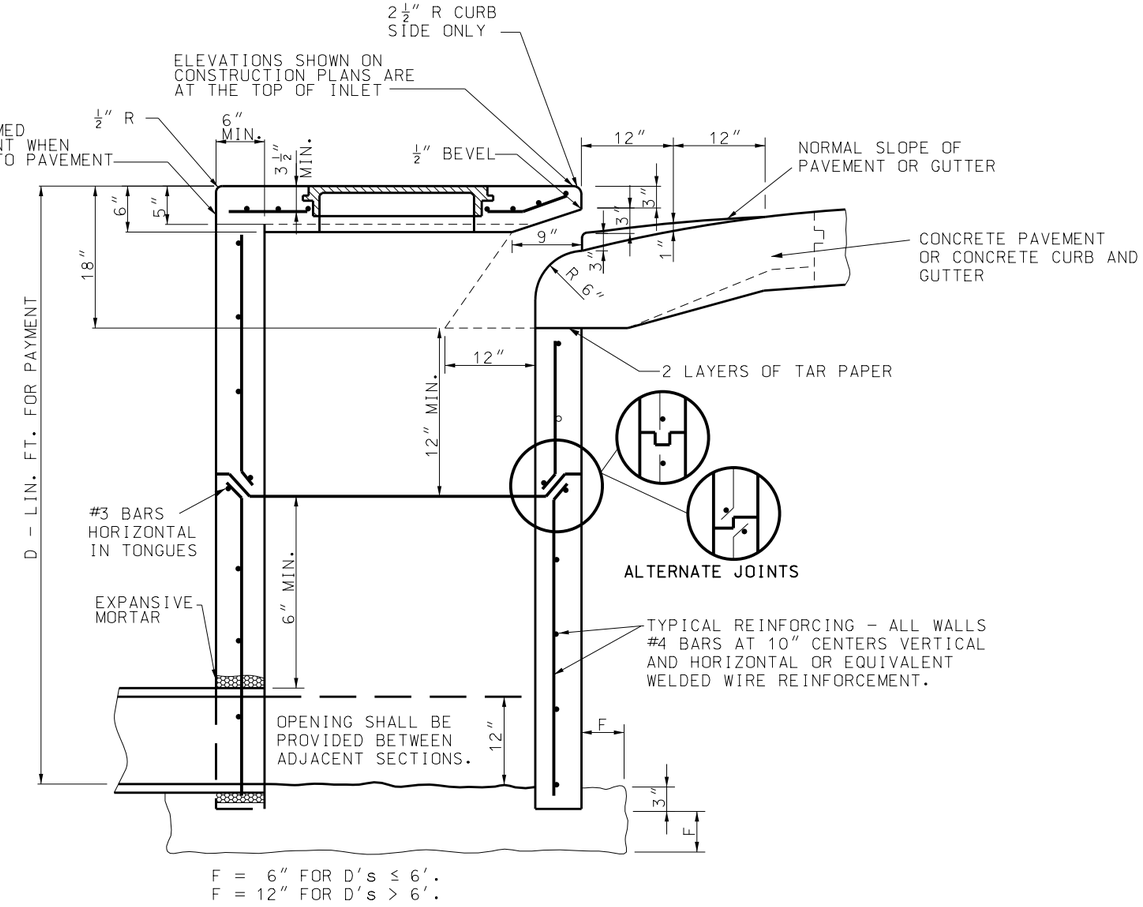
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
GEOMETRICS
SHEET 58 OF 79

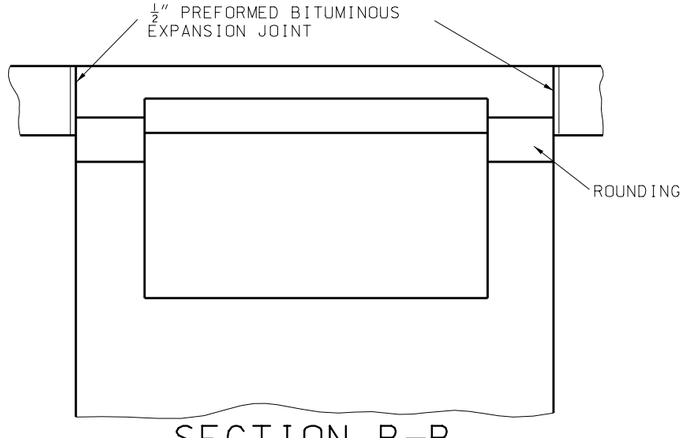


PLAN



F = 6" FOR D's ≤ 6'.
F = 12" FOR D's > 6'.

SECTION A-A



SECTION B-B
DETAILS OF OPENING

NOT TO SCALE

GENERAL NOTES:

THE LENGTH AND DEPTH OF THE INLET SHALL BE AS SHOWN ON THE PLANS.

IF DEPTH OF INLET EXCEEDS 6 FEET THE PRECAST UNITS MAY BE FURNISHED IN TWO OR MORE SECTIONS.

SEE STANDARD PLAN 731.10 FOR ADDITIONAL DETAILS

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	86

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

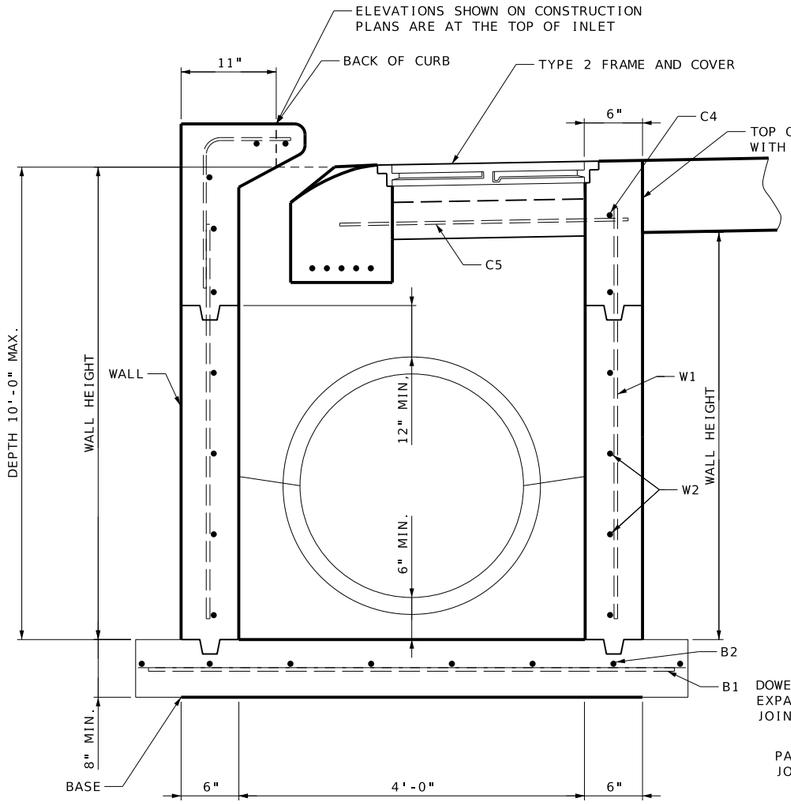
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

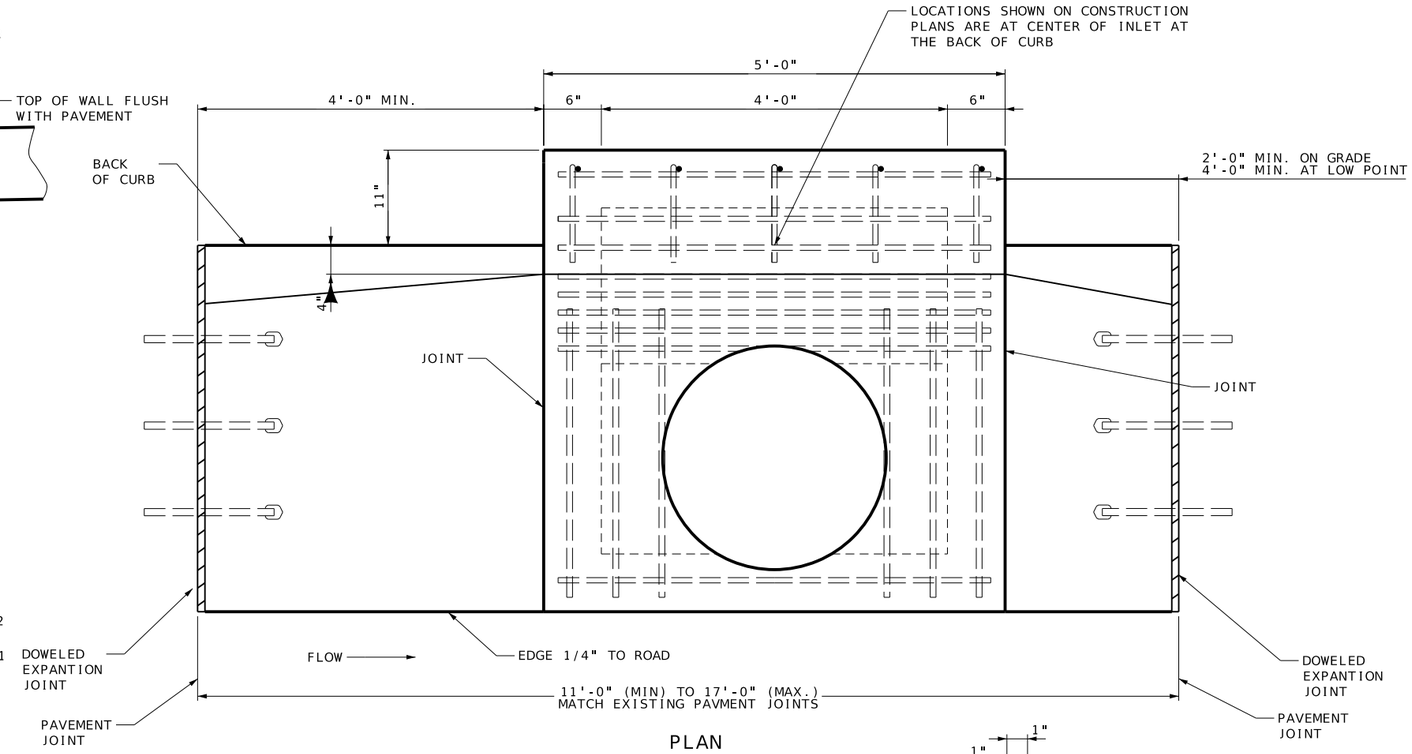
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

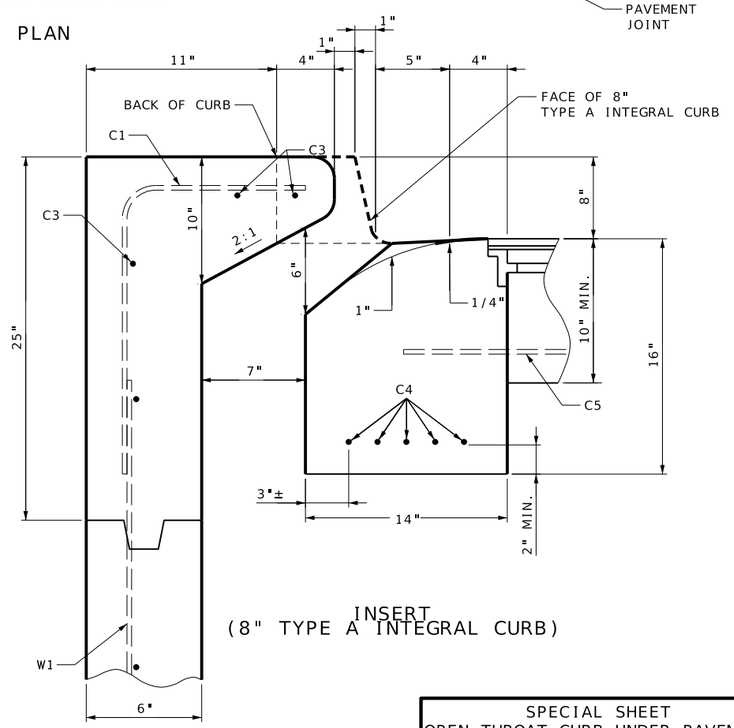
SPECIAL SHEET
MODIFIED TYPE T INLET
SHEET 59 OF 79



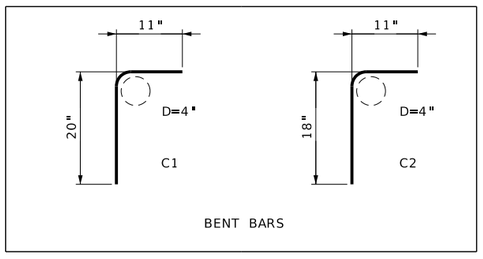
TYPICAL SECTION



PLAN



INSERT
(8" TYPE A INTEGRAL CURB)



BENT BARS

REINFORCING BAR LIST					
MARK	SIZE	LOCATION	SHAPE	LENGTH	SPACING
B1	4	BASE	——	5'-6"	11"
B2	4	BASE	——	5'-6"	11"
W1	4	WALL	——	WALL HEIGHT MINUSE 1"	14"
W2	4	WALL	——	4'-8"	12"
C1	4	TOP	⌜	2'-7"	14"
C2	4	TOP	⌜	2'-5"	14"
C3	4	TOP	——	4'-8"	SEE DETAIL
C4	4	TOP	——	4'-8"	SEE DETAIL
C4	4	TOP	——	3'-2"	SEE DETAIL

MAXIMUM PIPE DIAMETER	
PRECAST	30"
CAST-IN-PLACE	36"

NOT TO SCALE

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 87
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

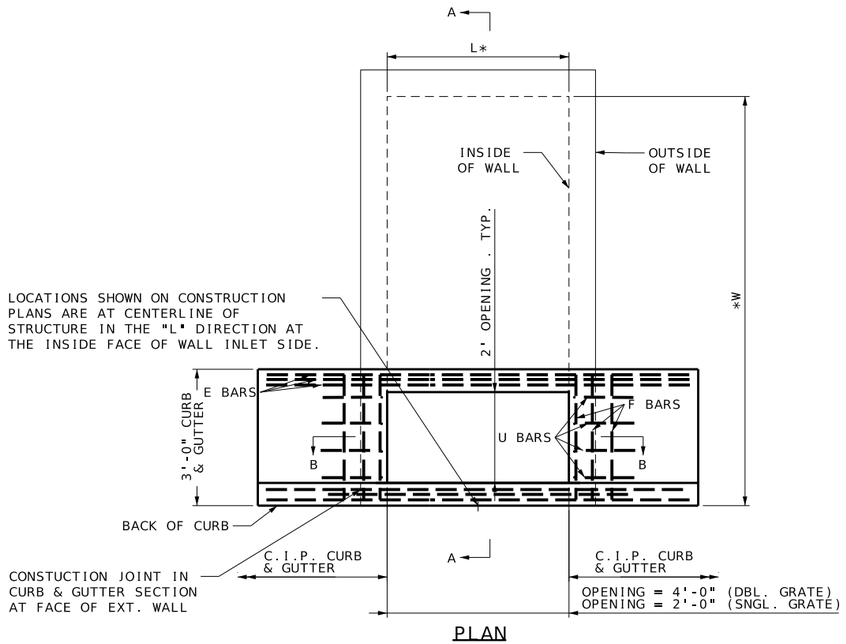
DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
OPEN-THROAT CURB UNDER PAVEMENT
SHEET 60 OF 79



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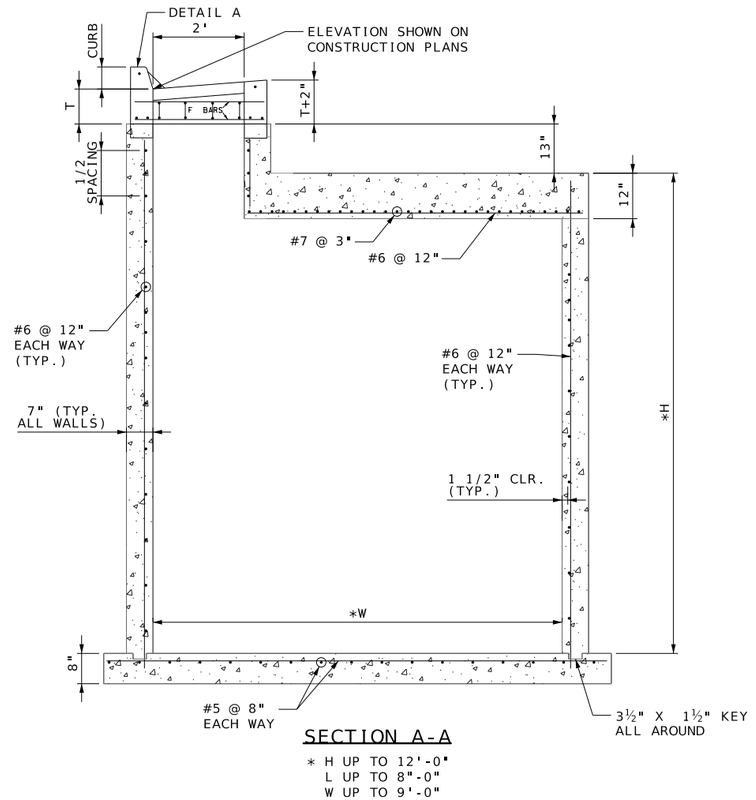
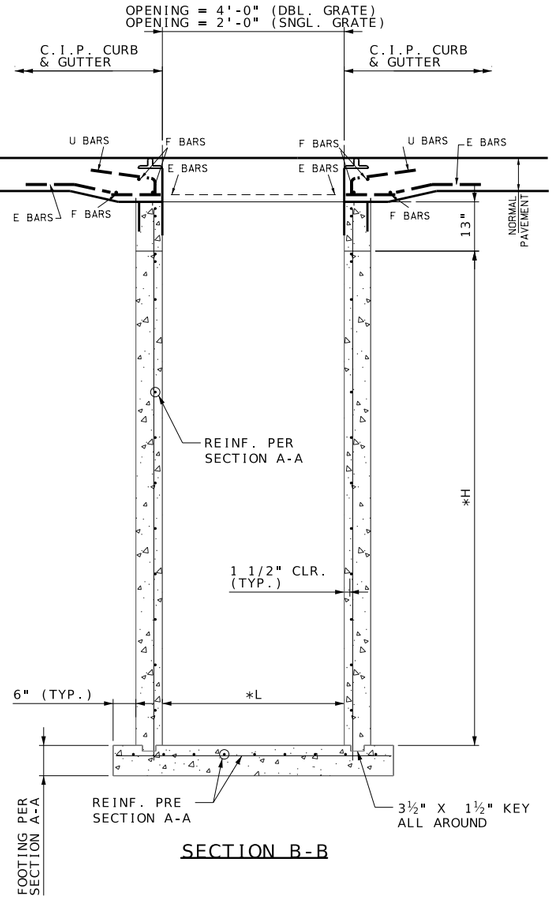


SECTION A-A

* H UP TO 12'-0"
L UP TO 8"-0"
W UP TO 9'-0"



SECTION B-B

PAVEMENT THICKNESS	"T" DIMENSION
LESS THAN OR EQUAL TO 11"	11"
12"	12"
13"	13"
GREATER THAN OR EQUAL TO 14"	14"

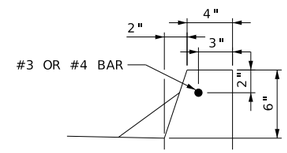
NOTES:

1. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTE IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION. FL'S LISTED ON THE PROJECT PLANS ARE LISTED AT THE INSIDE FACE OF THE WALL.
2. FLOOR OF INLET SHALL HAVE A SHAPED CONCRETE INVERT TO PROVIDE FOR SMOOTH FLOW.
3. THE MINIMAL DIMENSION BETWEEN THE TOP OF PIPE AND THE TOP OF BOX SHALL BE 2'-6" (TYPICAL ALL WALLS).
4. ALL CLEAR DISTANCES TO REINFORCING STEEL SHALL BE 1-1/2" UNLESS OTHERWISE SHOWN.
5. USE HILT HIT HY150 INJECTION ADHESIVE ANCHOR OR APPROVED EQUAL FOR ALL ANCHOR BOLT GROUTING.
6. ALL INGRADE INLETS SHALL CONFORM TO STREET GRADE. ALL INLETS IN SUMP SHALL BE LEVEL. BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.
7. FOR 2'X2' OPENING SEE STANDARD PLAN 614.11D FOR CURVED VANE GRATE AND FRAME DETAIL.
8. FOR 4'X2' OPENING USE NEENAH R-4999-L6 TYPE "L" GRATE WITH TYPE "B" FRAME OR APPROVED EQUAL.

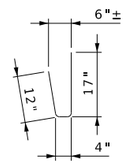
PAVEMENT BAR BILL

TYPE	WIDTH	LENGTH	MARK	NO.	LENGTH
D	2'	2'	E	6	7'-0"
			F	6	2'-9"
			U	8	2'-9"
	4'	4'	E	6	9'-0"
			F	6	2'-9"
			U	8	2'-9"

BARS E, F. & U.....#4



DETAIL A



U-BARS
BENDING DIAGRAM

NOT TO SCALE

SPECIAL SHEET
MODIFIED TYPE D GRATE INLET DETAIL
SHEET 61 OF 79

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

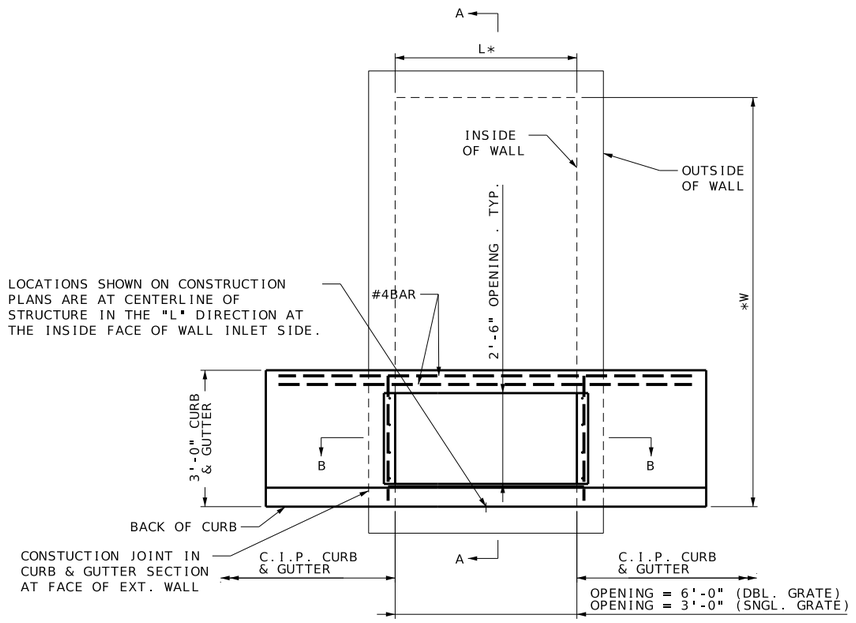
DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 88
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

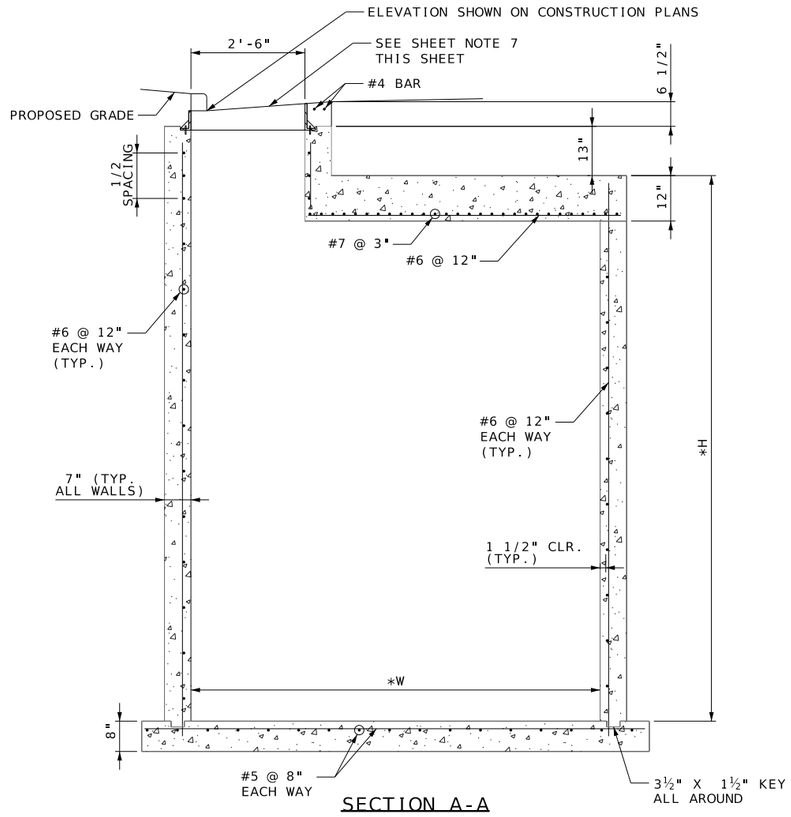
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

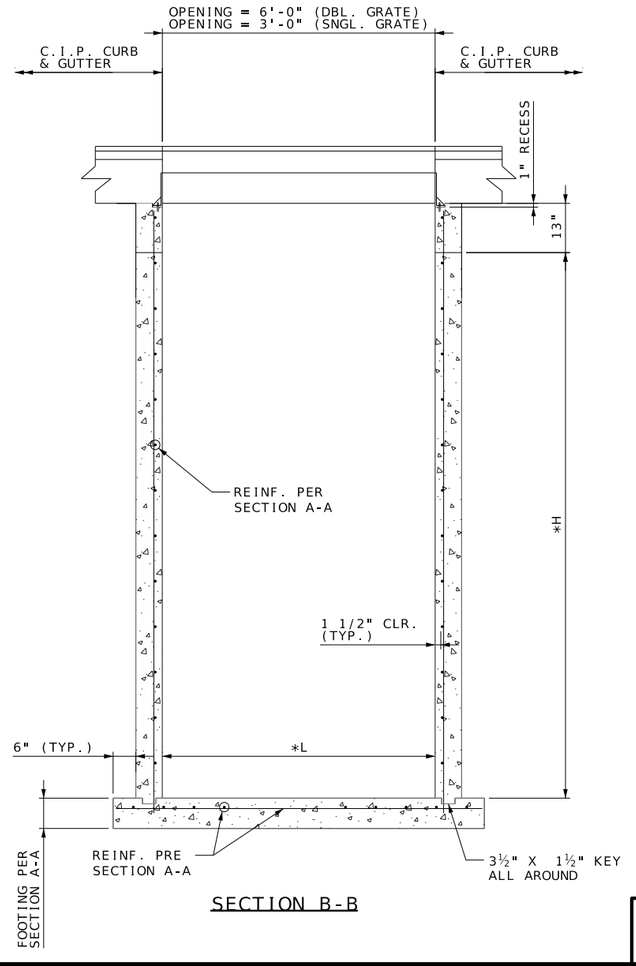


PLAN



SECTION A-A

* H UP TO 12'-0"
L UP TO 8'-0"
W UP TO 9'-0"



SECTION B-B

NOTES:

1. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTE IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION. FL'S LISTED ON THE PROJECT PLANS ARE LISTED AT THE INSIDE FACE OF THE WALL.
2. FLOOR OF INLET SHALL HAVE A SHAPED CONCRETE INVERT TO PROVIDE FOR SMOOTH FLOW.
3. THE MINIMAL DIMENSION BETWEEN THE TOP OF PIPE AND THE TOP OF BOX SHALL BE 2'-6" (TYPICAL ALL WALLS).
4. ALL CLEAR DISTANCES TO REINFORCING STEEL SHALL BE 1-1/2" UNLESS OTHERWISE SHOWN.
5. USE HILT HIT HY150 INJECTION ADHESIVE ANCHOR OR APPROVED EQUAL FOR ALL ANCHOR BOLT GROUTING.
6. ALL INGRADE INLETS SHALL CONFORM TO STREET GRADE. ALL INLETS IN SUMP SHALL BE LEVEL. BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.
7. NEENAH R-3293-2 DOUBLE CURB INLET FRAME, TYPE 'L' GRATE, & CURB BOX OR APPROVED EQUAL. OR NEENAH R-3246-AL SINGLE CURB INLET FRAME, TYPE 'L' GRATE, & CURB BOX OR APPROVED EQUAL.

NOT TO SCALE

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	89

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
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CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
COMBINATION GRATE INLET DETAIL
SHEET 62 OF 79

Notes:

(48 in.) Pedestrian Fence shall be installed to the top of the parapet wall from end of approach slab to end of approach slab.

These details are a general representation of a Decorative Pedestrian Fence. The actual fence components and component positions may be different than what is shown.

Fence shall have a gloss black finish (Federal Standard #17038). See special provisions.

Base plate shall be ASTM A709, Grade 50.

All base plates, U bolts, hex nuts and washers shall be galvanized in accordance with ASTM A123 and Sec 1081.

Center of posts shall clear parapet wall joints or ends by at least 6 inches.

Measurement of pedestrian fence will be made horizontally and to the nearest linear foot along centerline fence.

Payment for furnishing and erecting the fence, complete in place, will be considered completely covered by the contract unit price for (48 in.) Decorative Pedestrian Fence (Structures).

All fence posts shall be vertical.

Grout shall be placed under the post base plates in accordance with Sec 1066.

Decorative pedestrian fencing shall be in accordance with 2020-AASHTO LRFD Bridge Design Specifications, 9th Ed.

The design line load for pedestrian railings will not require a 50lb/ft and 200lb load be applied simultaneously. The posts of pedestrian railing will require both loadings applied simultaneously.

Contractor shall submit complete detailed shop drawings in accordance with Sec 1080.

All materials used in fabrication and construction of the decorative pedestrian fencing shall be in accordance with the manufacturer's specifications, except as modified in the contract documents.

Decorative pedestrian fencing system shall be supplied by only one of the manufacturers. Decorative pedestrian fencing system shall include all components except the anchor bolts and hardware, and #4 bars welded to the anchor bolts. The assembly of the pickets to the rails and the rails to the posts shall be the same as the style mentioned for the manufacturer.

Ameristar Fence Products, Inc.
1555 N. Mingo
Tulsa, OK, 74116
(800) 321-8724
www.ameristarfence.com

Style: AEGIS II Majestic

Iron Eagle Industries, Inc.
1256 Cardiff Blvd.
Mississauga, Ontario Canada L5S1R1
(905) 670-2558
www.ironeagleind.com

Style: Silver Eagle II

Betafence USA
3309 S.W. Interstate 45
Ennis, TX, 75119
(888) 650-4766
www.betafenceusa.com

Style: Upgrade-I Landmark

Merchants Metals
6575 Romiss Court
St. Louis, MO 63134
(800) 293-3363
www.merchantmetals.com

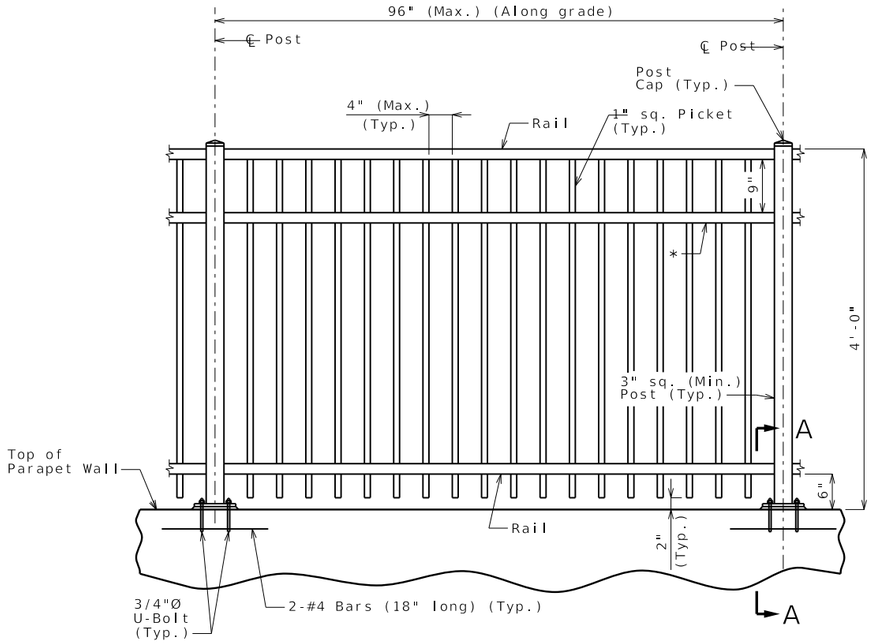
Style: Guardsman Monroe

Substitution for the U-bolt cages will not be permitted.

U-bolts shall be ASTM F1554 Grade 36.

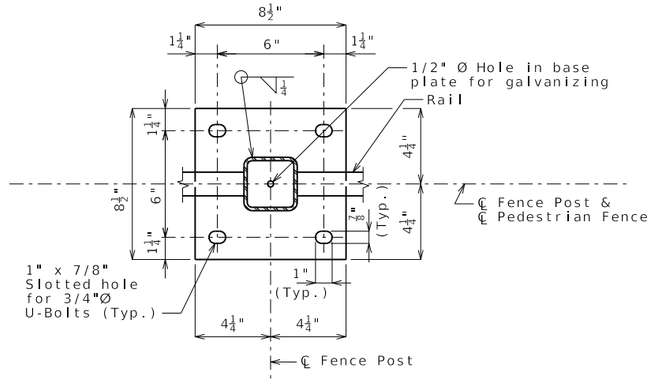
For details of Parapet Wall, see Sheets No. 27 & 28.

Longitudinal dimensions of fence are horizontal.

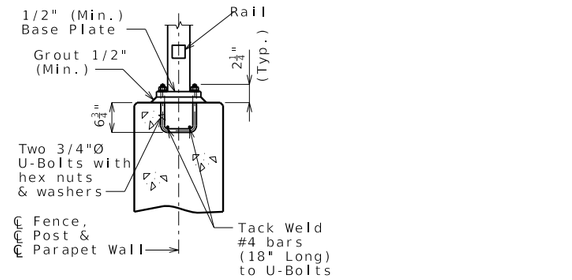


TYPICAL PART ELEVATION

* Optional rail. Need is based on design computations performed by the manufacturer and approved by MoDOT, or may be added for aesthetics.



PART PLAN SHOWING BASE PLATE



SECTION A-A

1/2-inch diameter hole in base plate not shown for clarity.

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	90

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

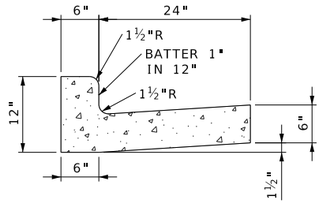
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

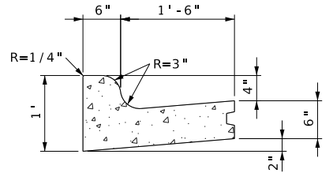
(48 IN.) DECORATIVE PEDESTRIAN FENCE

SPECIAL SHEET
FENCE DETAILS
SHEET 63 OF 79



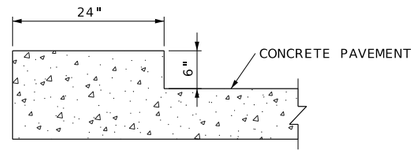
2 FT 6 IN CONCRETE CURB AND GUTTER

NOTES:
1. CONSTRUCT EXPANSION JOINTS AT THE START & END OF EVERY DRIVEWAY & CURB INLET.
2. CONSTRUCT CONTRACTION JOINTS EVERY 12.5' MAXIMUM.
3. JOINT MATERIAL TO EXTEND THRU C & G, FRONT TO BACK, & NEATLY TRIMMED TO MATCH CONC. SURFACE.
4. FLOAT GROUT TO SURFACE ON EXPOSED SURFACES.
5. ALL POURED CONCRETE SHALL BE CLASS "B".



2' CONCRETE CURB AND GUTTER

NOTES:
1. KEYWAY OR #5 DOWEL @ 2'-6" TO BE USED ON ALL CONCRETE PAVEMENT. KEYWAY AND DOWEL MAY BE OMITTED WHERE ASPHALT PAVEMENT IS USED.



2' INTEGRAL CONCRETE CURB

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	91

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SPECIAL SHEET
CURB DETAILS
SHEET 64 OF 79

APPROX. BEGINNING OF TEMP. SHORING
℄ ROUTE 66
STA 290+04.00
OFF 25.18' LT.

401
ROBERTS MARK A TR
SEE SHEET NO.22

EXIST. ELECTRIC ESM'T
PERM. SIDEWALK & UTILITY ESM'T
TEMP. CONST. ESMT.
TEMP. CONST. ESMT.
EXIST. R/W
290
EXIST. R/W
EXIST. R/W
BYERS AVE N
S02°01'19"W

398
COUNTY OF JASPER
SEE SHEET NO.23

EXIST. R/W
PERM. SIDEWALK & UTILITY ESM'T
TEMP. CONST. ESMT.

399
JASPER COUNTY COURTHOUSE
SEE SHEET NO.23

EXIST. ELECTRIC ESMT.
EXIST. R/W
NEW R/W
295
MATCHLINE STA. 295+10.14

APPROX. BEGINNING OF TEMP. SHORING
℄ ROUTE 66
STA 290+41.79
OFF 3.00' LT.

STA. 291+59.89 ℄ ROUTE 66 =
STA. 5+00.25 ℄ BYERS AVENUE N

SECTION LINE S87°53'20"E

STA. 291+60.21 ℄ ROUTE 66 =
STA. 0+00.00 ℄ BYERS AVENUE S

℄ ROUTE 66
SECTION LINE
STA. 295+01.04 ℄ ROUTE 66 =
STA. 0+00.00 ℄ PEARL AVENUE

EXIST. R/W
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESM'T
EXIST. R/W
S02°10'53"W
EXIST. R/W
TEMP. CONST. ESMT.
PERM. DRAINAGE ESMT.
EXIST. R/W
NEW R/W
EXIST. R/W
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESMT.
S02°00'33"W

418
ST PHILLIPS EPISCOPAL CHURCH
SEE SHEET NO.22

417
NICK, LLC
SEE SHEET NO. 22

¼¼ SECTION LINE

416
MULTI FAMILY CARTEL
SEE SHEET NO.23

PEARL AVE

SCALE
0 20 40 60

TEMP. CONST. ESMT.

397
EMPIRE DISTRICT ELECTRIC CO
SEE SHEET NO.23

ALLEY
EXIST. R/W
EXIST. R/W
WALL AVE N

395
SE 1/4, SE 1/4
S3 T27N R33W
EMPIRE DISTRICT ELECTRIC CO
SEE SHEET NO.24

EXIST. R/W
300
EXIST. R/W

APPROX. END OF TEMPORARY SHORING
℄ ROUTE 66
STA 298+22.19
OFF 24.92' LT.

TEMP. CONST. ESMT.
NEW R/W
TEMP. CONST. ESMT.
EXIST. R/W
NEW R/W
EXIST. R/W
TEMP. CONST. ESMT.
45°
45°

APPROX. END OF TEMP. SHORING
℄ ROUTE 66
STA 298+51.09
OFF 3.00' LT.

MATCHLINE STA. 295+10.14

℄ ROUTE 66
SECTION LINE S87°53'20"E

STA. 298+49.05 ℄ ROUTE 66 =
STA. 0+00.00 ℄ WALL AVENUE S

℄ ROUTE 66
SECTION LINE
STA. 298+49.76 ℄ ROUTE 66 =
STA. 1+22.30 ℄ WALL AVENUE N

PERM. SIDEWALK & UTILITY ESMT.
EXIST. R/W
EXIST. R/W
EXIST. R/W
NEW R/W
TEMP. CONST. ESMT.
SAWCUT
PERM. SIDEWALK & UTILITY ESMT.
S01°58'35"W
NEW R/W
TEMP. CONST. ESMT.
EXIST. 20' SEWER ESM'T
TEMP. CONST. ESMT.
NEW R/W
EXIST. R/W

414
S & C DEVELOPMENT
SEE SHEET NO.23

413
S & C DEVELOPMENT
SEE SHEET NO.23

SCALE
NE 1/4, NE 1/4
S10 T27N R33W
0 20 40 60

EXIST. R/W
EXIST. R/W
ALLEY
EXIST. R/W
EXIST. R/W
WALL AVE S
EXIST. R/W

SPECIAL SHEET
TEMPORARY SHORING
SHEET 65 OF 79

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	92

COUNTY
JASPER
JOB NO.
J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

GENERAL NOTES:

DESIGN SPECIFICATIONS:
2010 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
AND 2010 INTERIM REVISIONS

DESIGN UNIT STRESSES:
CLASS B-1 (CULVERTS) f'c = 4,000 PSI
REINFORCING STEEL (GRADE 60) fy = 60,000 PSI

DESIGN LOADING:
VEHICULAR = HL-93 MINUS LANE LOAD
EARTH: 120 PCF
EQUIVALENT FLUID PRESSURE: 30 LB/CF (MIN.), 60 LB/CF (MAX.)

MISCELLANEOUS:
MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 1½", UNLESS OTHERWISE SHOWN.

CONTRACTOR TO PROVIDE SHOP DRAWINGS THAT INCLUDE A BILL OF REINFORCING FOR REVIEW & APPROVAL BY THE ENGINEER PRIOR TO ORDERING MATERIALS.

"SEC" REFERS TO THE SECTIONS IN THE 2025 MODOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND SUPPLEMENTAL SPECIFICATIONS UNLESS SPECIFIED OTHERWISE.

IF UNSUITABLE MATERIAL IS ENCOUNTERED, EXCAVATION OF UNSUITABLE MATERIAL AND FURNISHING AND PLACING OF GRANULAR BACKFILL SHALL BE IN ACCORDANCE WITH SEC 206.

NO DIRECT PAYMENT WILL BE MADE FOR FURNISHING, PLACING OR COMPACTING THE TYPE I GRANULAR BEDDING MATERIAL. THE COST OF THESE ITEMS SHALL BE CONSIDERED COMPLETELY COVERED BY OTHER ITEMS.

NO DIRECT PAYMENT WILL BE MADE FOR FURNISHING OR PLACING REINFORCING STEEL. THE COST OF THESE ITEMS SHALL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR OTHER ITEMS.

A SEAL COURSE, TEMPORARY DIVERSION CHANNEL, OR OTHER DEWATERING METHODS AS APPROVED BY THE ENGINEER TO ENSURE A DRY WORK AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN AND CONSTRUCT, IF NEEDED.

ALL DIMENSIONS ARE HORIZONTAL.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

LAP LONGITUDINAL #4-F BARS A MINIMUM OF 2'-1" AT SPLICES.

BARREL SECTIONS ARE SYMMETRICAL ABOUT AND NORMAL TO ℄ CULVERT.

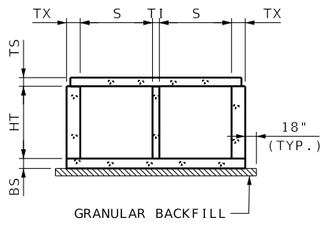
SPAN (S) = 6 FT HEIGHT (HT) = 5.5 FT

DESIGN FILL	MEMBER THICKNESS				TOP SLAB BARS												BOTTOM SLAB BARS												WALL BARS			
					A1 BARS		A2 BARS			J3 BARS				H1		H2			A3 BARS		A4 BARS			J4 BARS				H3			B1 BARS		B2 BARS	
	TS	BS	TX	TI	SIZE	SPA.	SIZE	SPA.	C8	SIZE	SPA.	C1	K2 HT = 5.5'	SIZE	SPA.	SIZE	SPA.	C6	SIZE	SPA.	SIZE	SPA.	C9	SIZE	SPA.	C4	K3 HT = 5.5'	SIZE	SPA.	C7	SIZE	SPA.	SIZE	SPA.
0 FT	13	9	14	8	7	26	7	26	38	5	13	48	40	6	26	6	26	38	6	26	6	26	33	6	13	60	70	6	13	46	5	*	5	13

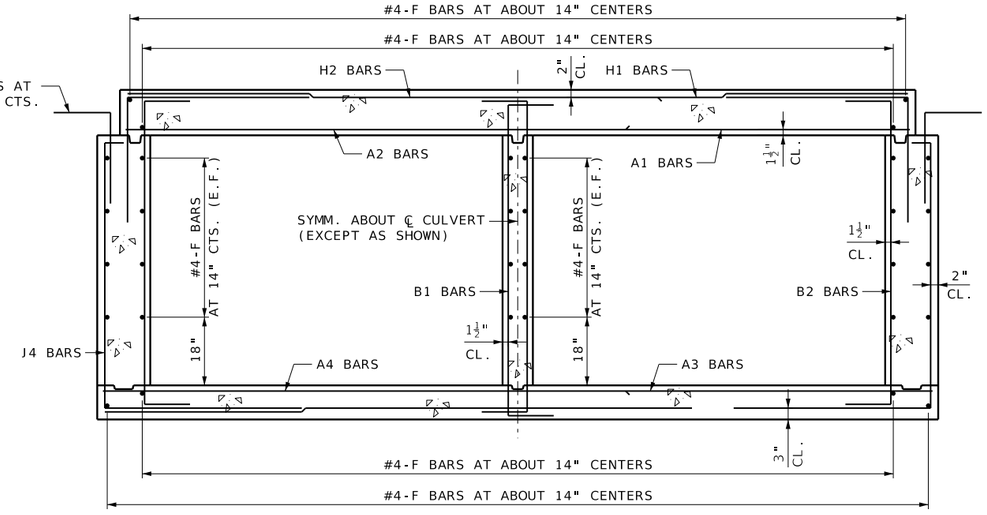
DIMENSIONS IN TABLE ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

BAR SPACING IN TABLE IS THE MAXIMUM SPACING ALONG THE OUTSIDE EDGE OF THE NORTHWEST EXTERIOR WALL. THE MINIMUM BAR SPACING SHALL BE 2 3/8" CENTERS.

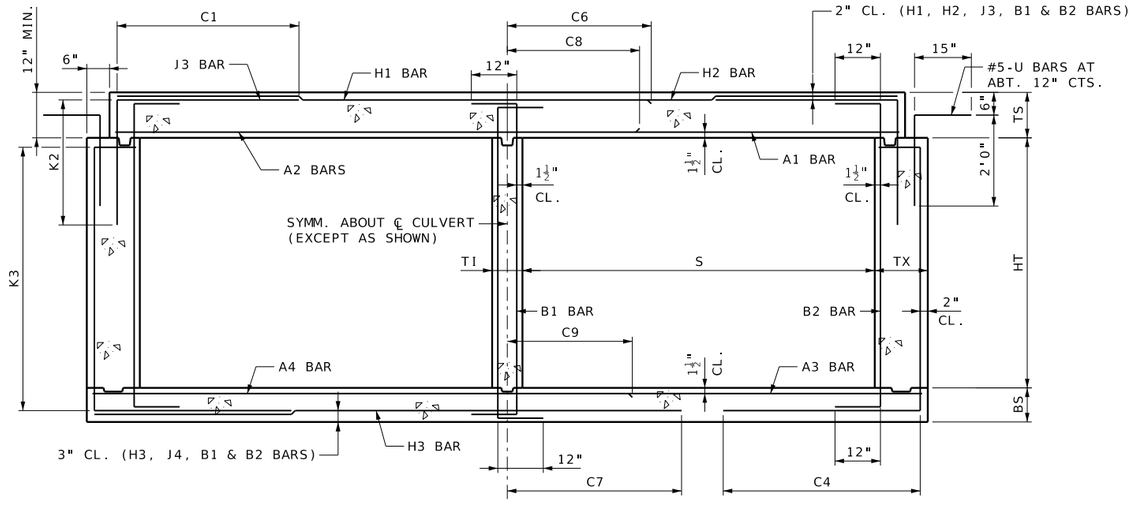
* SPACE B1 BARS WITH H3 BARS



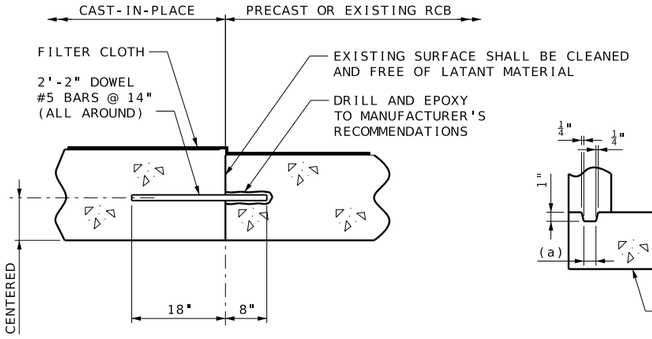
GRANULAR BACKFILL LIMITS AND MEMBER DIMENSIONS



BARREL REINFORCEMENT



BAR DIMENSIONS DIAGRAM

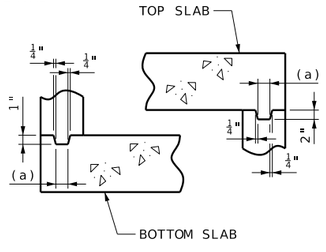


TRANSVERSE JOINT AT P/C OR EXISTING RCB

FILTER CLOTH 3 FEET IN WIDTH AND DOUBLE THICKNESS SHALL BE CENTERED ON TRANSVERSE JOINTS IN TOP SLAB AND SIDEWALLS WITH EDGES SEALED WITH MASTIC OR TWO SIDED TAPE. FILTER CLOTH SHALL BE A SEPARATION GEOTEXTILE IN ACCORDANCE WITH SEC 1011.

COST OF FURNISHING AND INSTALLING FILTER CLOTH AND DOWELS WILL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR OTHER ITEMS.

DOWELS TO BE INSTALLED IN BOTH WALLS AND SLABS AS SHOWN ON RCB PLAN OF REINFORCING.



KEYED CONSTRUCTION JOINT

(a) APPROXIMATELY ONE-THIRD OF WALL THICKNESS

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

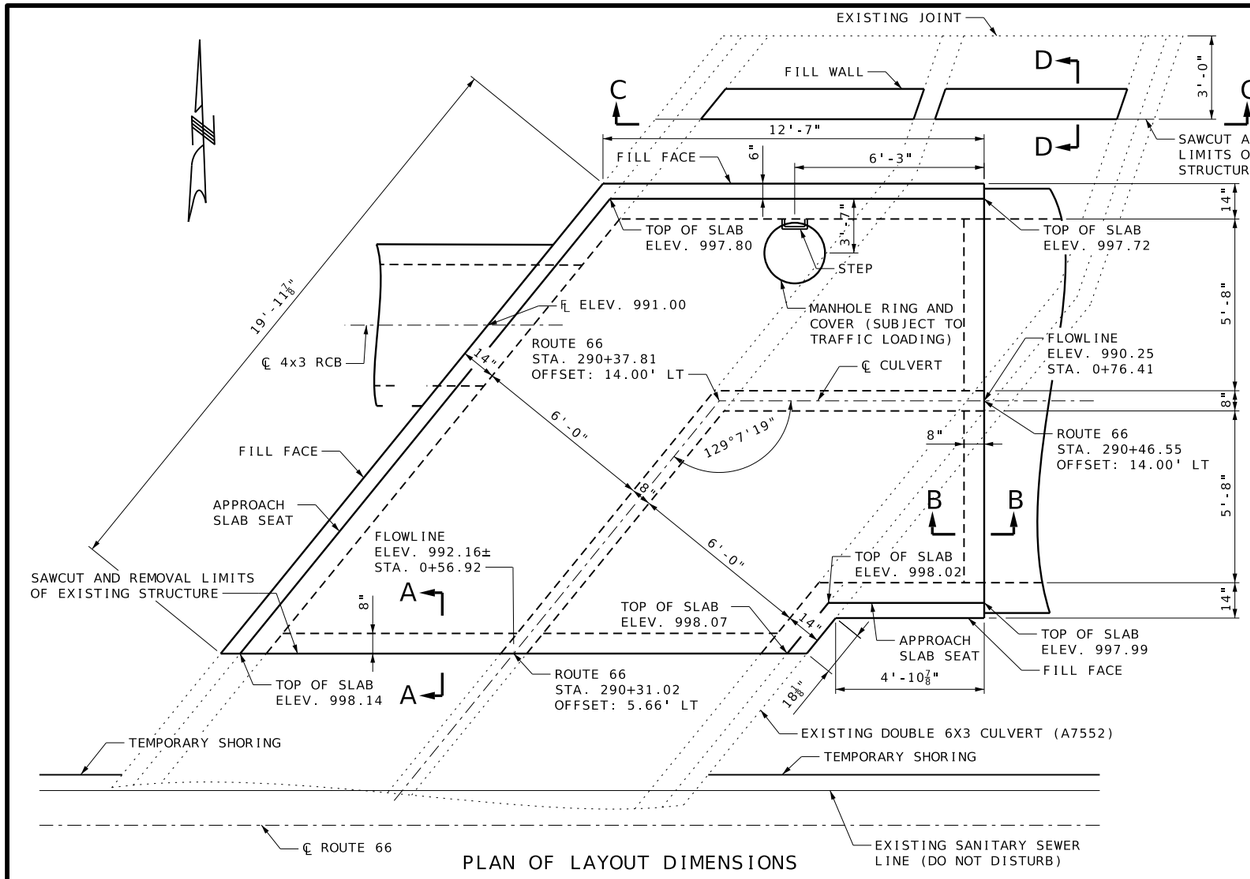
DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 93
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

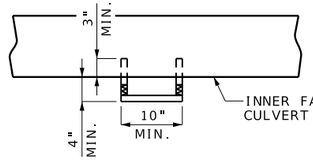
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
RCB A75521 DETAILS
SHEET 66 OF 79



PLAN OF LAYOUT DIMENSIONS



STEP INSTALLATION

GENERAL NOTES:

STEPS SHALL BE SET LEVEL AND IN VERTICAL ALIGNMENT AND NOT NEARER THAN 3" TO A JOINT.

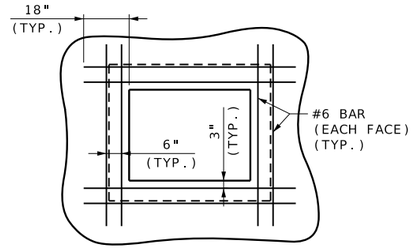
STEPS SHALL BE PLACED AT VERTICAL INTERVALS OF 16" MAXIMUM.

NO DIRECT PAYMENT WILL BE MADE FOR STEPS.

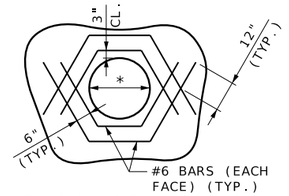
FOR DETAILS OF MANHOLE FRAME AND COVER, SEE MODOT STANDARD DRAWING 614.30E.

TOP OF MANHOLE CASTING SHALL BE FLUSH AND ON SAME SLOPE AS FINISHED SURFACE OR AS DIRECTED BY ENGINEER.

FILL WALL SHALL BE CONSTRUCTED USING CLASS B-1 CONCRETE. VOLUME OF CONCRETE FOR THE FILL WALL IS INLCUDED IN THE QUANTITY FOR THE CULVERT.

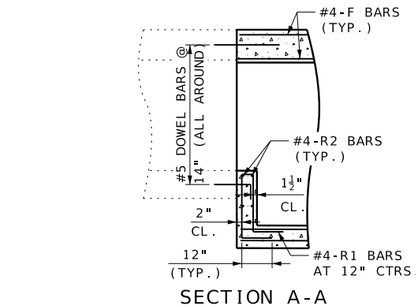


ADDITIONAL REINFORCING AROUND OPENING FOR 4X3 RCB

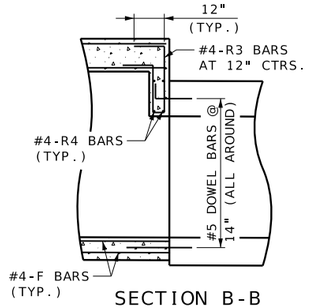


ADDITIONAL REINFORCING AROUND MANHOLE OPENING

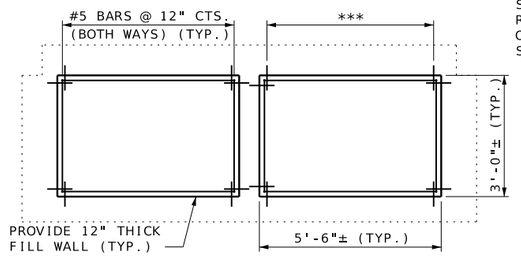
*CONTRACTOR SHALL VERIFY DIAMETER OF BLOCKOUT FOR STANDARD MANHOLE RING AND COVER PRIOR TO CONSTRUCTION.



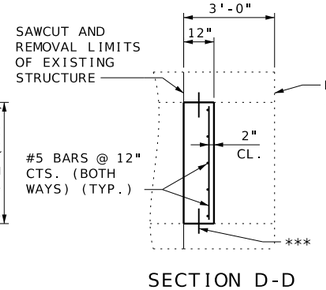
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

*** #5 DOWELS BARS @ 12" CTS. (ALL AROUND) (TYP.)

**TRIM TOP SLAB REINFORCEMENT TO MAINTAIN 1 1/2" MIN. CLEAR TO FACE OF MANHOLE BLOCKOUT

PLAN OF BOTTOM OF TOP SLAB AND TOP OF BOTTOM SLAB SHOWING REINFORCING

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

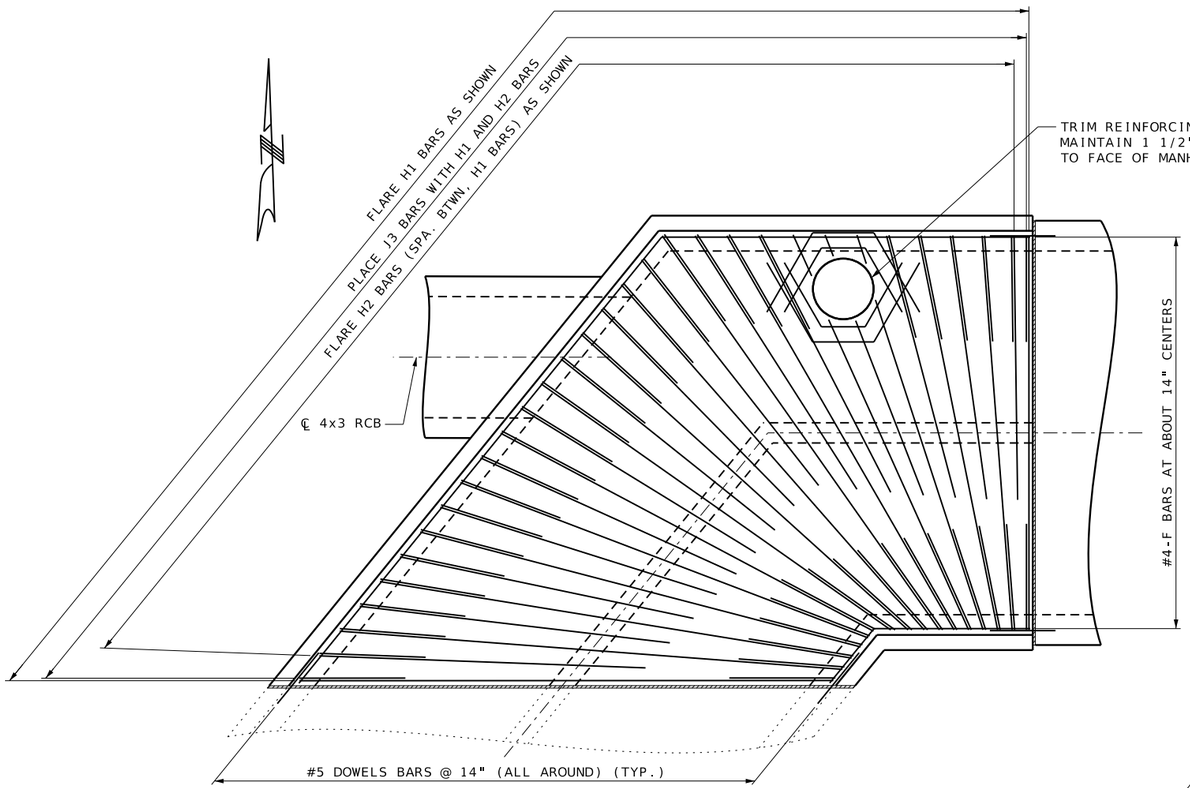
DATE PREPARED	8/8/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	94
COUNTY	JASPER
JOB NO.	J7S2185C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

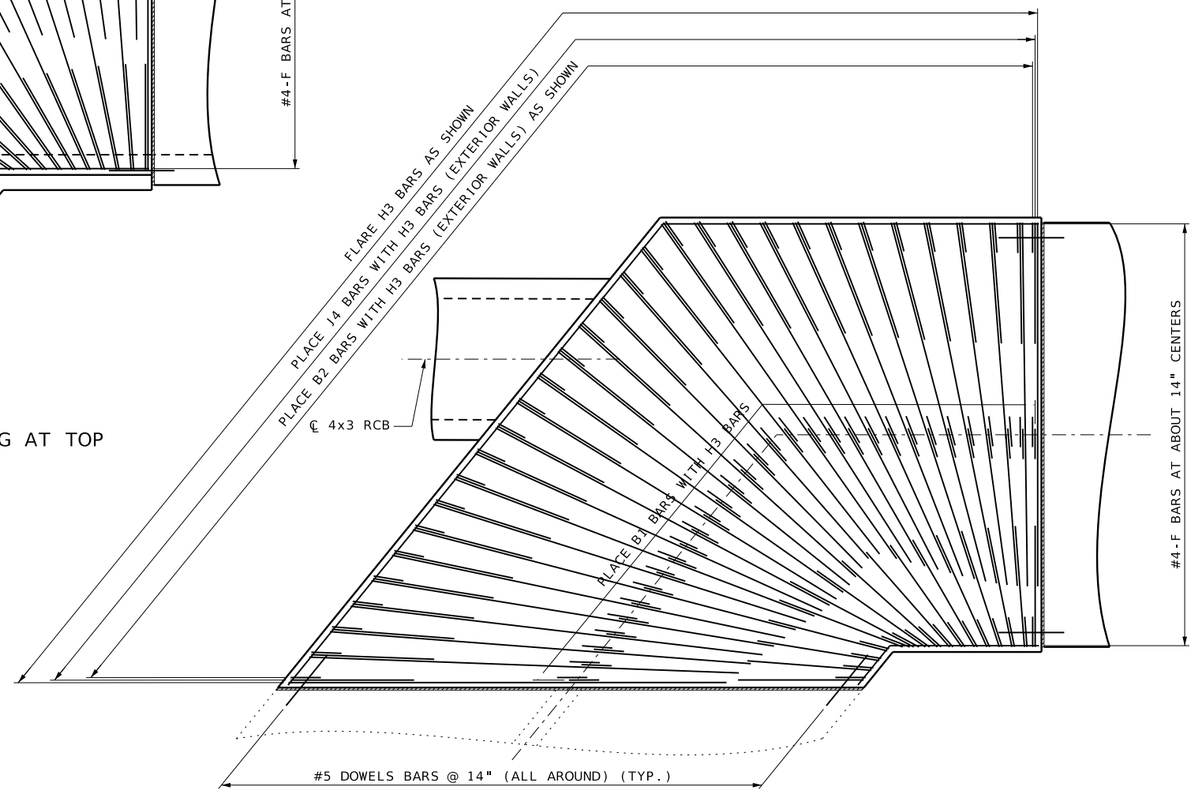
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SPECIAL SHEET
RCB A75521 DETAILS
SHEET 67 OF 79



PLAN OF TOP SLAB SHOWING REINFORCING AT TOP



PLAN OF BOTTOM SLAB SHOWING REINFORCING AT BOTTOM

SPECIAL SHEET
RCB A75521 DETAILS
SHEET 68 OF 79

STATE OF MISSOURI
PROFESSIONAL ENGINEER
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	95

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

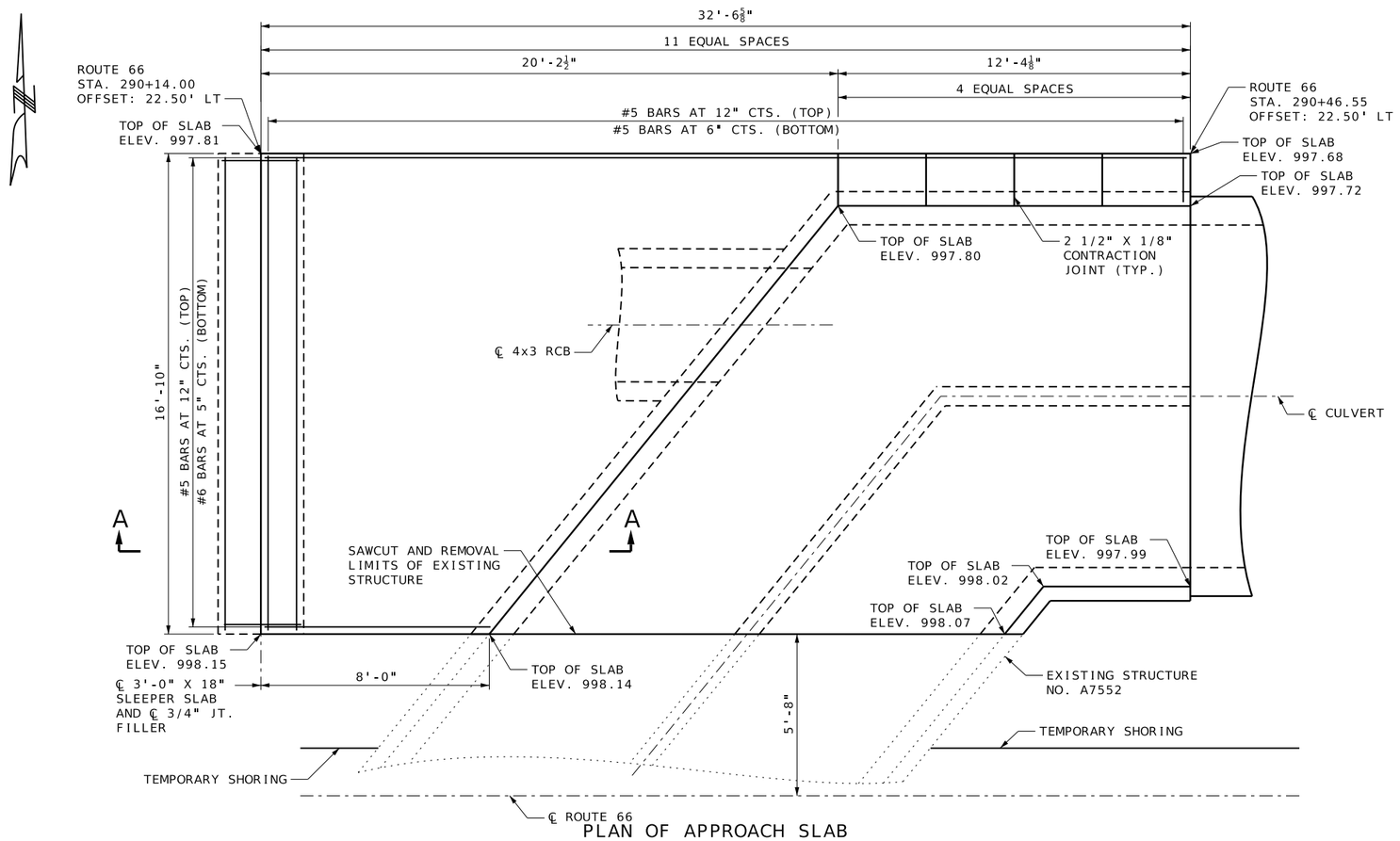
BRIDGE NO.

DESCRIPTION	DATE

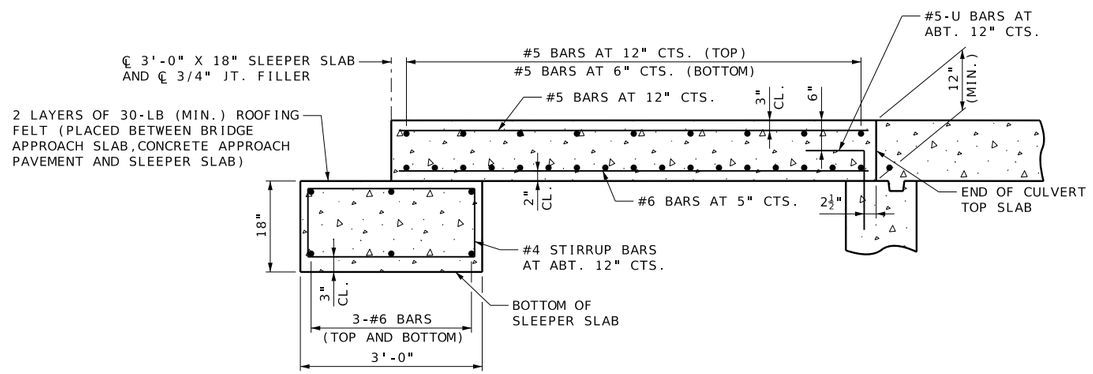
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



PLAN OF APPROACH SLAB



SECTION A-A

GENERAL NOTES:

ALL CONCRETE FOR THE BRIDGE APPROACH SLAB AND SLEEPER SLAB SHALL BE IN ACCORDANCE WITH SEC 503 (f'c = 4,000 PSI.)

THE REINFORCING STEEL IN THE BRIDGE APPROACH SLAB AND THE SLEEPER SLAB SHALL BE EPOXY COATED GRADE 60 WITH fy = 60,000 PSI.

MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 1 1/2", UNLESS OTHERWISE SHOWN.

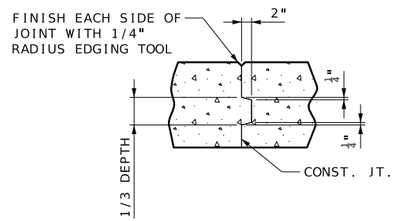
THE REINFORCING STEEL IN THE BRIDGE APPROACH SLAB AND THE SLEEPER SLAB SHALL BE CONTINUOUS. THE TRANSVERSE REINFORCING STEEL MAY BE MADE CONTINUOUS BY PROVIDING A MINIMUM LAP SPLICE OF 24 INCHES FOR #5 BARS AND 40 INCHES FOR #6 BARS, OR BY MECHANICAL BAR SPLICE.

MECHANICAL BAR SPLICES SHALL BE IN ACCORDANCE WITH SEC 710.

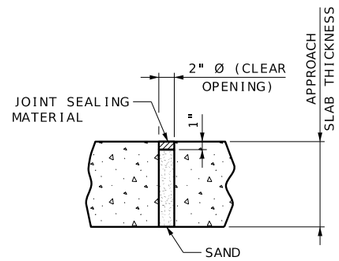
ALL JOINT FILLER SHALL BE IN ACCORDANCE WITH SEC 1057 FOR PREFORMED FIBER EXPANSION JOINT FILLER EXCEPT AS NOTED.

FOR CONCRETE APPROACH PAVEMENT DETAILS, SEE ROADWAY PLANS.

PAYMENT FOR FURNISHING ALL MATERIALS, LABOR AND EXCAVATION NECESSARY TO CONSTRUCT THE APPROACH SLAB, INCLUDING THE SLEEPER SLAB, JOINT FILLER AND ALL OTHER APPURTENANCES AND INCIDENTAL WORK AS SHOWN ON THIS SHEET, COMPLETE IN PLACE, WILL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR BRIDGE APPROACH SLAB (MAJOR) PER SQUARE YARD.



SLAB CONSTRUCTION JOINT



UNDEREAL ACCESS
HOLE DETAIL
(IF REQUIRED)

SPECIAL SHEET
RCB A75521 DETAILS
SHEET 69 OF 79

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED	8/8/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	96
COUNTY	JASPER
JOB NO.	J7S2185C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

GENERAL NOTES:

DESIGN SPECIFICATIONS:
2010 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
AND 2010 INTERIM REVISIONS

DESIGN UNIT STRESSES:
CLASS B-1 (CULVERT) f'c = 4,000 PSI
REINFORCING STEEL (GRADE 60) fy = 60,000 PSI

DESIGN LOADING:
VEHICULAR = HL-93 MINUS LANE LOAD
EARTH: 120 PCF
EQUIVALENT FLUID PRESSURE: 30 LB/CF (MIN.), 60 LB/CF (MAX.)

MISCELLANEOUS:
MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 1½", UNLESS OTHERWISE SHOWN.

CONTRACTOR TO PROVIDE SHOP DRAWINGS THAT INCLUDE A BILL OF REINFORCING FOR REVIEW & APPROVAL BY THE ENGINEER PRIOR TO ORDERING MATERIALS.

"SEC" REFERS TO THE SECTIONS IN THE 2025 MODOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND SUPPLEMENTAL SPECIFICATIONS UNLESS SPECIFIED OTHERWISE.

IF UNSUITABLE MATERIAL IS ENCOUNTERED, EXCAVATION OF UNSUITABLE MATERIAL AND FURNISHING AND PLACING OF GRANULAR BACKFILL SHALL BE IN ACCORDANCE WITH SEC 206.

NO DIRECT PAYMENT WILL BE MADE FOR FURNISHING, PLACING OR COMPACTING THE TYPE I GRANULAR BEDDING MATERIAL. THE COST OF THESE ITEMS SHALL BE CONSIDERED COMPLETELY COVERED BY OTHER ITEMS.

NO DIRECT PAYMENT WILL BE MADE FOR FURNISHING OR PLACING REINFORCING STEEL. THE COST OF THESE ITEMS SHALL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR OTHER ITEMS.

A SEAL COURSE, TEMPORARY DIVERSION CHANNEL, OR OTHER DEWATERING METHODS AS APPROVED BY THE ENGINEER TO ENSURE A DRY WORK AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN AND CONSTRUCT, IF NEEDED.

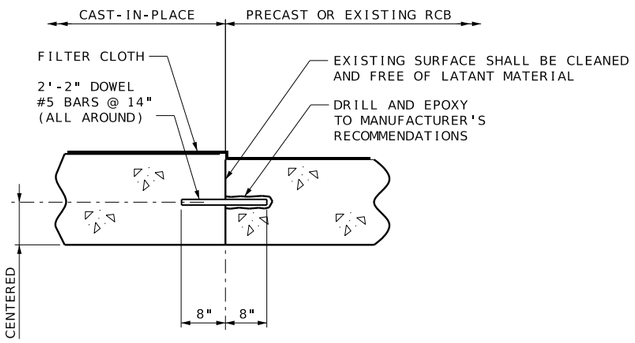
ALL DIMENSIONS ARE HORIZONTAL.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

BARREL SECTIONS ARE SYMMETRICAL ABOUT AND NORMAL TO ℄ CULVERT.

FOR SECTIONS A-A, B-B AND C-C, SEE SHEET 99.

CULVERT INTERSECTION SHALL BE CAST-IN-PLACE.

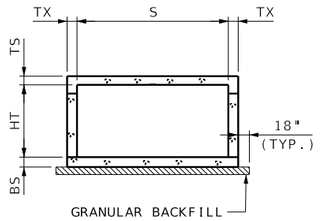


TRANSVERSE JOINT AT P/C OR EXISTING RCB

FILTER CLOTH 3 FEET IN WIDTH AND DOUBLE THICKNESS SHALL BE CENTERED ON TRANSVERSE JOINTS IN TOP SLAB AND SIDEWALLS WITH EDGES SEALED WITH MASTIC OR TWO SIDED TAPE. FILTER CLOTH SHALL BE A SEPARATION GEOTEXTILE IN ACCORDANCE WITH SEC 1011.

COST OF FURNISHING AND INSTALLING FILTER CLOTH AND DOWELS WILL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR OTHER ITEMS.

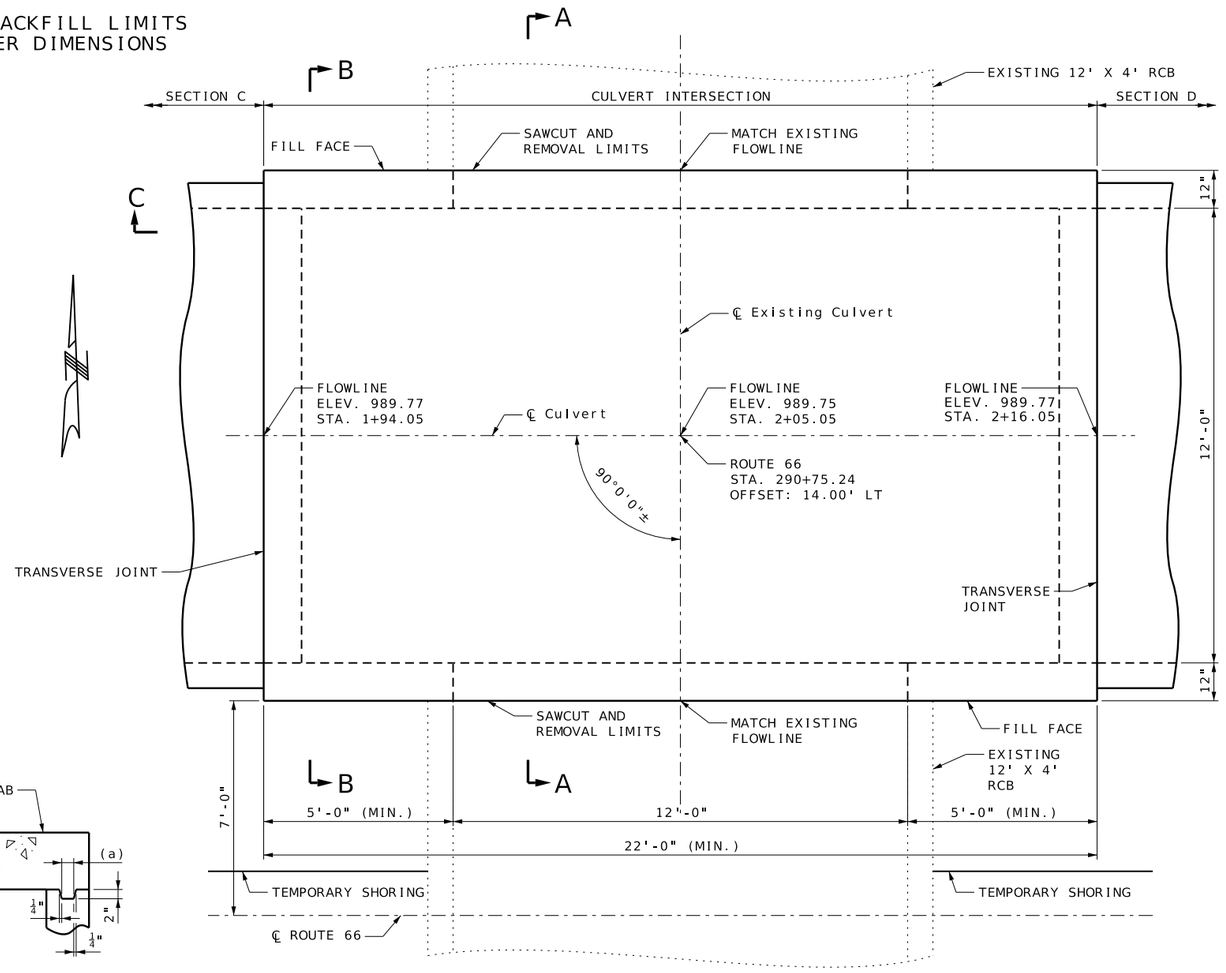
DOWELS TO BE INSTALLED IN BOTH WALLS AND SLABS AS SHOWN ON RCB PLAN OF REINFORCING.



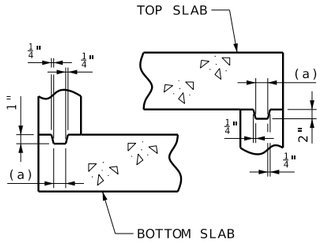
GRANULAR BACKFILL LIMITS AND MEMBER DIMENSIONS

SPAN (S) = 12 FT				HEIGHT (HT) = 4 FT												
DESIGN FILL	MEMBER THICKNESS			TOP SLAB BARS				BOTTOM SLAB BARS						WALL BARS	
				J3 BARS				A2 BARS		J4 BARS				B2 BARS	
	TS	BS	TX	SIZE	SPA.	C1	K2 HT = 4'	SIZE	SPA.	SIZE	SPA.	C4	K3 HT = 4'	SIZE	SPA.
1'-2'	14	14	12	5	6	94	43	6	6	6	6	97	57	5	12

DIMENSIONS IN TABLE ARE IN INCHES UNLESS OTHERWISE SPECIFIED.



PLAN LAYOUT OF DIMENSIONS



KEYED CONSTRUCTION JOINT

(a) APPROXIMATELY ONE-THIRD OF WALL THICKNESS

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED: 8/8/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 97
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

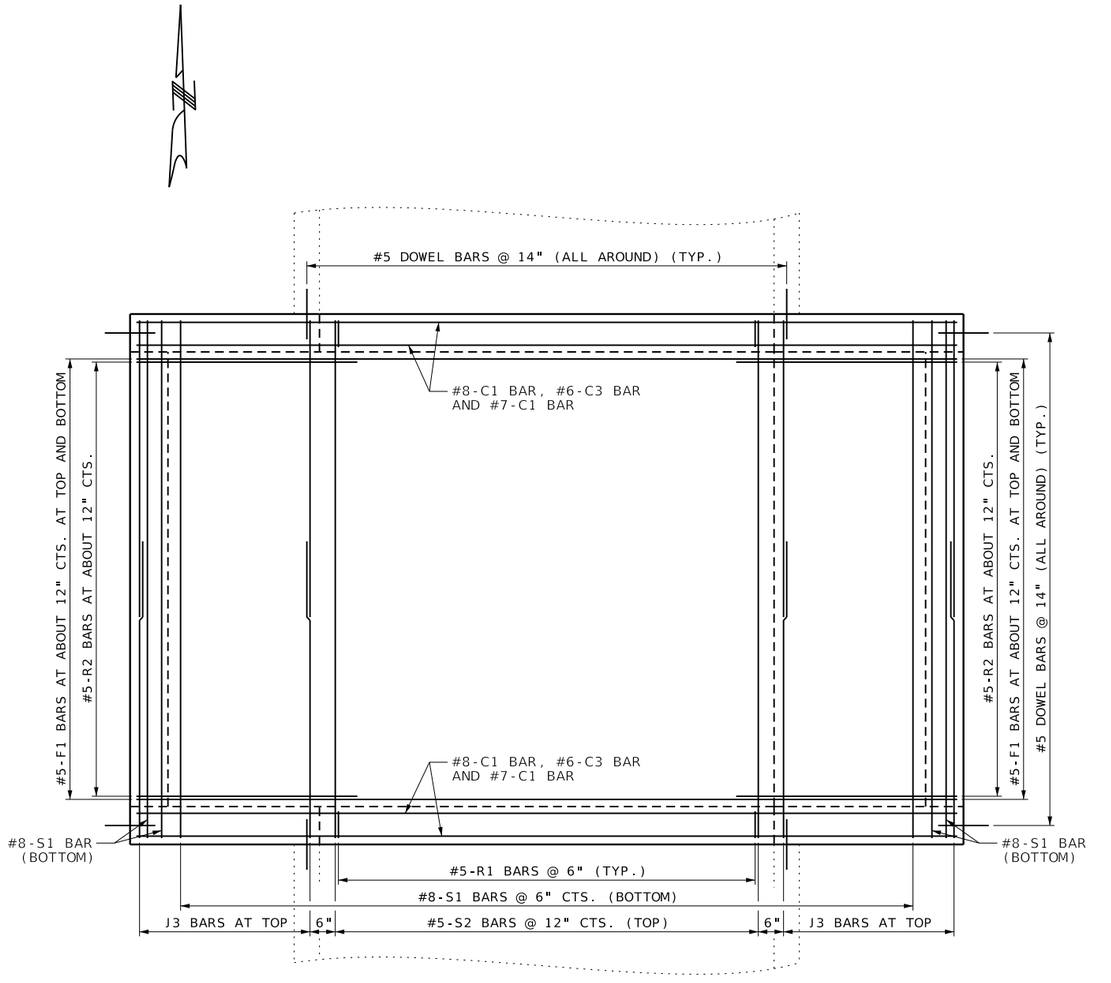
DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

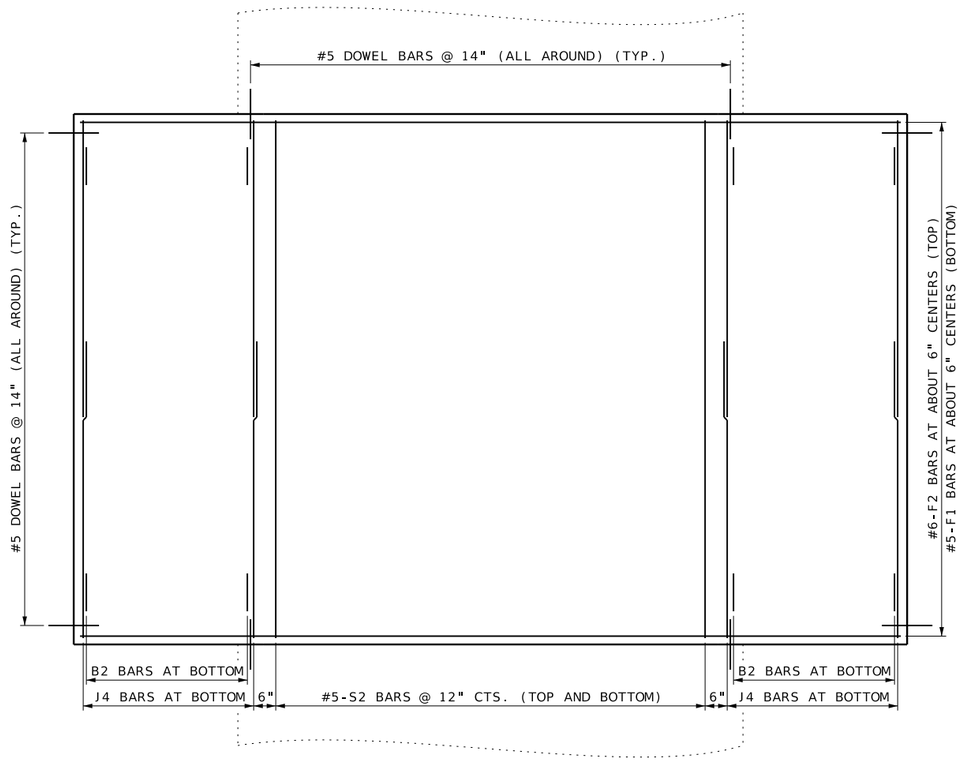
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SPECIAL SHEET
CULVERT INTERSECTION
SHEET 70 OF 79



PLAN OF TOP SLAB SHOWING REINFORCEMENT



PLAN OF BOTTOM SLAB SHOWING REINFORCEMENT

SPECIAL SHEET
CULVERT INTERSECTION
SHEET 71 OF 79

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	98

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

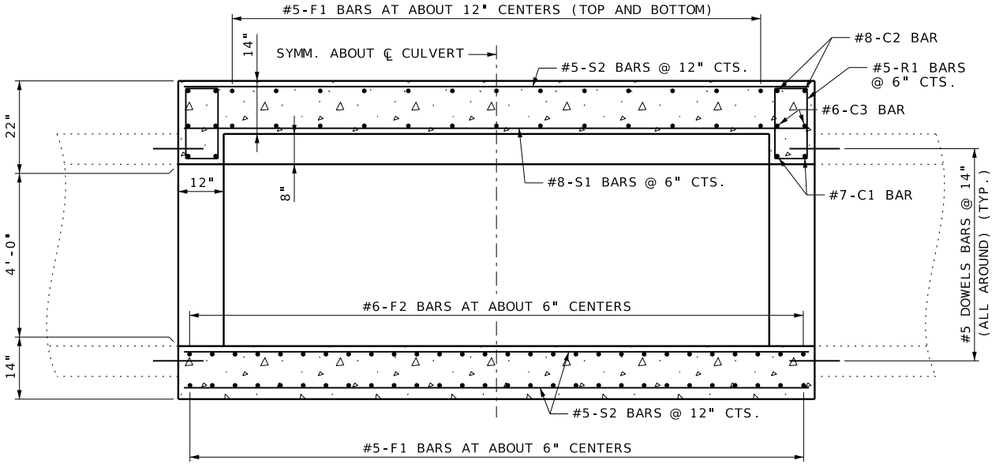
BRIDGE NO.

DESCRIPTION	DATE

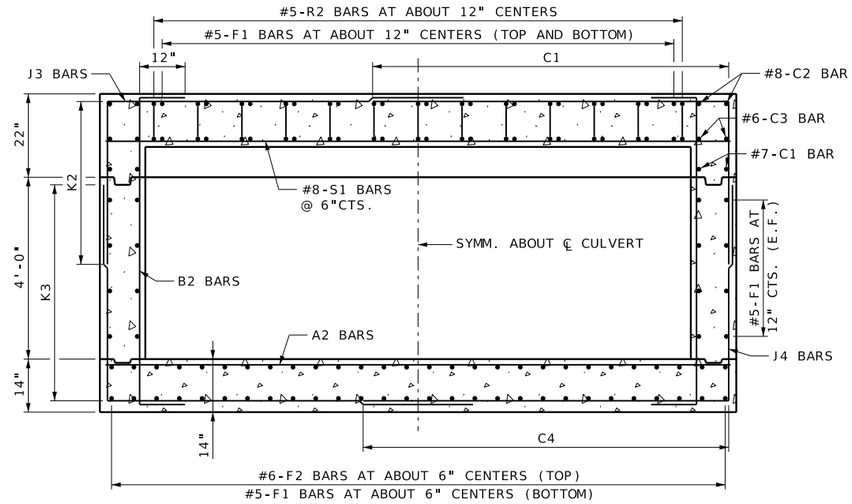
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

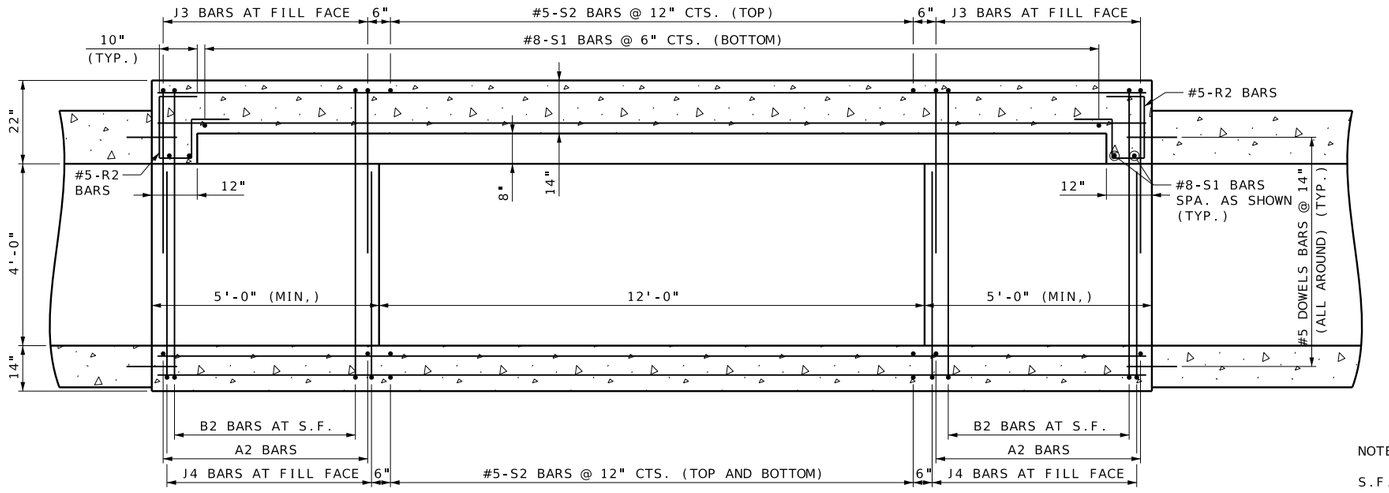
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



SECTION A-A



SECTION B-B



SECTION C-C

NOTES:

S.F. DENOTES STREAM FACE.

FOR LOCATIONS OF SECTIONS A-A, B-B AND C-C, SEE SHEET 97.

SPECIAL SHEET
CULVERT INTERSECTION
SHEET 72 OF 79

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	99

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

GENERAL NOTES:

DESIGN SPECIFICATIONS:
2010 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
AND 2010 INTERIM REVISIONS

DESIGN UNIT STRESSES:
CLASS B-1 (CULVERTS) f'c = 4,000 PSI
REINFORCING STEEL (GRADE 60) fy = 60,000 PSI

DESIGN LOADING:
VEHICULAR = HL-93 MINUS LANE LOAD
EARTH: 120 PCF
EQUIVALENT FLUID PRESSURE: 30 LB/CF (MIN.), 60 LB/CF (MAX.)

MISCELLANEOUS:
MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 1½", UNLESS OTHERWISE SHOWN.

CONTRACTOR TO PROVIDE SHOP DRAWINGS THAT INCLUDE A BILL OF REINFORCING FOR REVIEW & APPROVAL BY THE ENGINEER PRIOR TO ORDERING MATERIALS.

"SEC" REFERS TO THE SECTIONS IN THE 2025 MODOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND SUPPLEMENTAL SPECIFICATIONS UNLESS SPECIFIED OTHERWISE.

IF UNSUITABLE MATERIAL IS ENCOUNTERED, EXCAVATION OF UNSUITABLE MATERIAL AND FURNISHING AND PLACING OF GRANULAR BACKFILL SHALL BE IN ACCORDANCE WITH SEC 206.

NO DIRECT PAYMENT WILL BE MADE FOR FURNISHING, PLACING OR COMPACTING THE TYPE I GRANULAR BEDDING MATERIAL. THE COST OF THESE ITEMS SHALL BE CONSIDERED COMPLETELY COVERED BY OTHER ITEMS.

NO DIRECT PAYMENT WILL BE MADE FOR FURNISHING OR PLACING REINFORCING STEEL. THE COST OF THESE ITEMS SHALL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR OTHER ITEMS.

A SEAL COURSE, TEMPORARY DIVERSION CHANNEL, OR OTHER DEWATERING METHODS AS APPROVED BY THE ENGINEER TO ENSURE A DRY WORK AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN AND CONSTRUCT, IF NEEDED.

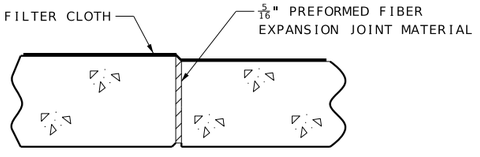
ALL DIMENSIONS ARE HORIZONTAL.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

LAP LONGITUDINAL #4-F BARS A MINIMUM OF 2'-1" AT SPLICES.

BARREL SECTIONS ARE SYMMETRICAL ABOUT AND NORMAL TO ℄ CULVERT.

BENDS SHALL BE CAST-IN-PLACE.

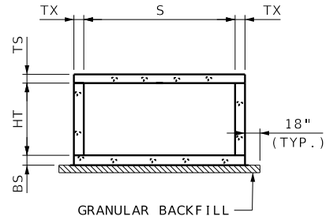


TRANSVERSE JOINT THRU BARREL

PREFORMED FIBER EXPANSION JOINT MATERIAL SHALL BE SECURELY STITCHED TO ONE FACE OF THE CONCRETE WITH NO. 10 GAGE COPPER WIRE OR NO. 12 GAGE SOFT DRAWN GALVANIZED STEEL WIRE.

FILTER CLOTH 3 FEET IN WIDTH AND DOUBLE THICKNESS SHALL BE CENTERED ON TRANSVERSE JOINTS IN TOP SLAB AND SIDEWALLS WITH EDGES SEALED WITH MASTIC OR TWO SIDED TAPE. FILTER CLOTH SHALL BE A SEPARATION GEOTEXTILE IN ACCORDANCE WITH SEC 1011.

COST OF FURNISHING AND INSTALLING JOINT FILLER AND FILTER CLOTH WILL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR OTHER ITEMS.

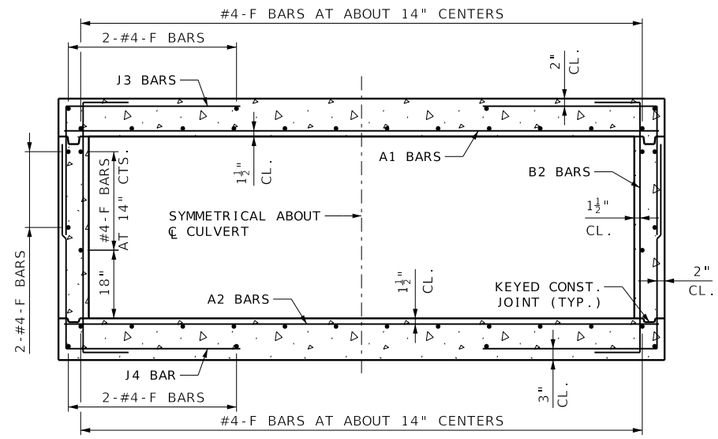


GRANULAR BACKFILL LIMITS AND MEMBER DIMENSIONS

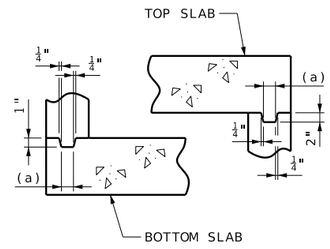
SPAN (S) = 12 FT HEIGHT (HT) = 4 FT																	
DESIGN FILL	MEMBER THICKNESS			TOP SLAB BARS						BOTTOM SLAB BARS						WALL BARS	
				A1 BARS		J3 BARS				A2 BARS		J4 BARS				B2 BARS	
	TS	BS	TX	SIZE	SPA.	SIZE	SPA.	C1	K2 HT = 4'	SIZE	SPA.	SIZE	SPA.	C4	K3 HT = 4'	SIZE	SPA.
6 FT	10	11	8	7	6	6	6	46	34	7	6	6	6	46	54	5	12

DIMENSIONS IN TABLE ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

BAR SPACING IN TABLE IS THE MAXIMUM SPACING ALONG THE OUTSIDE EDGE OF THE SOUTHEAST EXTERIOR WALL. THE MINIMUM BAR SPACING SHALL BE 3" CENTERS ALONG THE NORTHWEST EXTERIOR WALL.

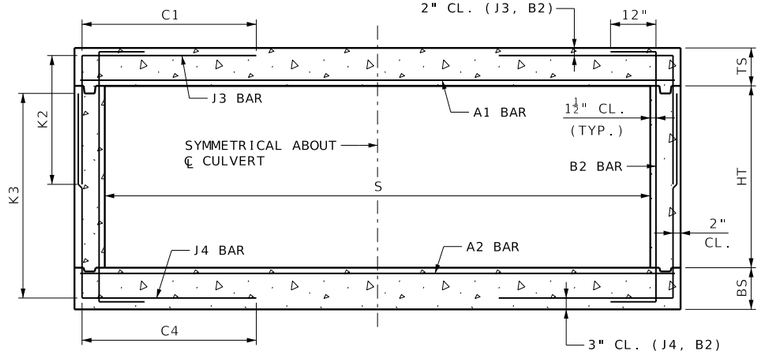


BARREL REINFORCEMENT



KEYED CONSTRUCTION JOINT

(a) APPROXIMATELY ONE-THIRD OF WALL THICKNESS



BAR DIMENSIONS DIAGRAM

SPECIAL SHEET
CULVERT BENDS
SHEET 73 OF 79

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

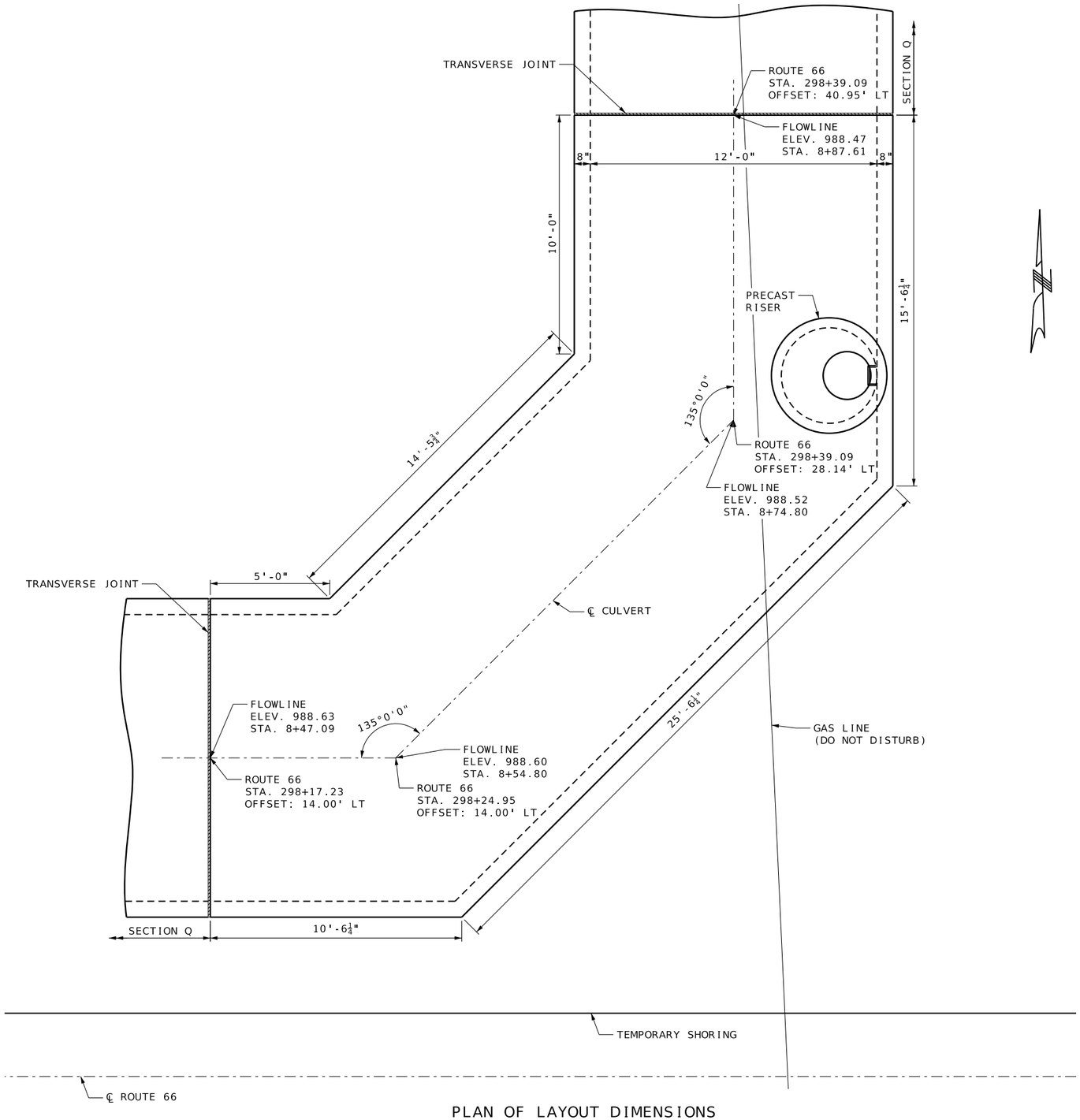
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 8/8/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 100
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592



PLAN OF LAYOUT DIMENSIONS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
PROFESSIONAL ENGINEER
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284

DATE PREPARED	8/8/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	101
COUNTY	JASPER
JOB NO.	J7S2185C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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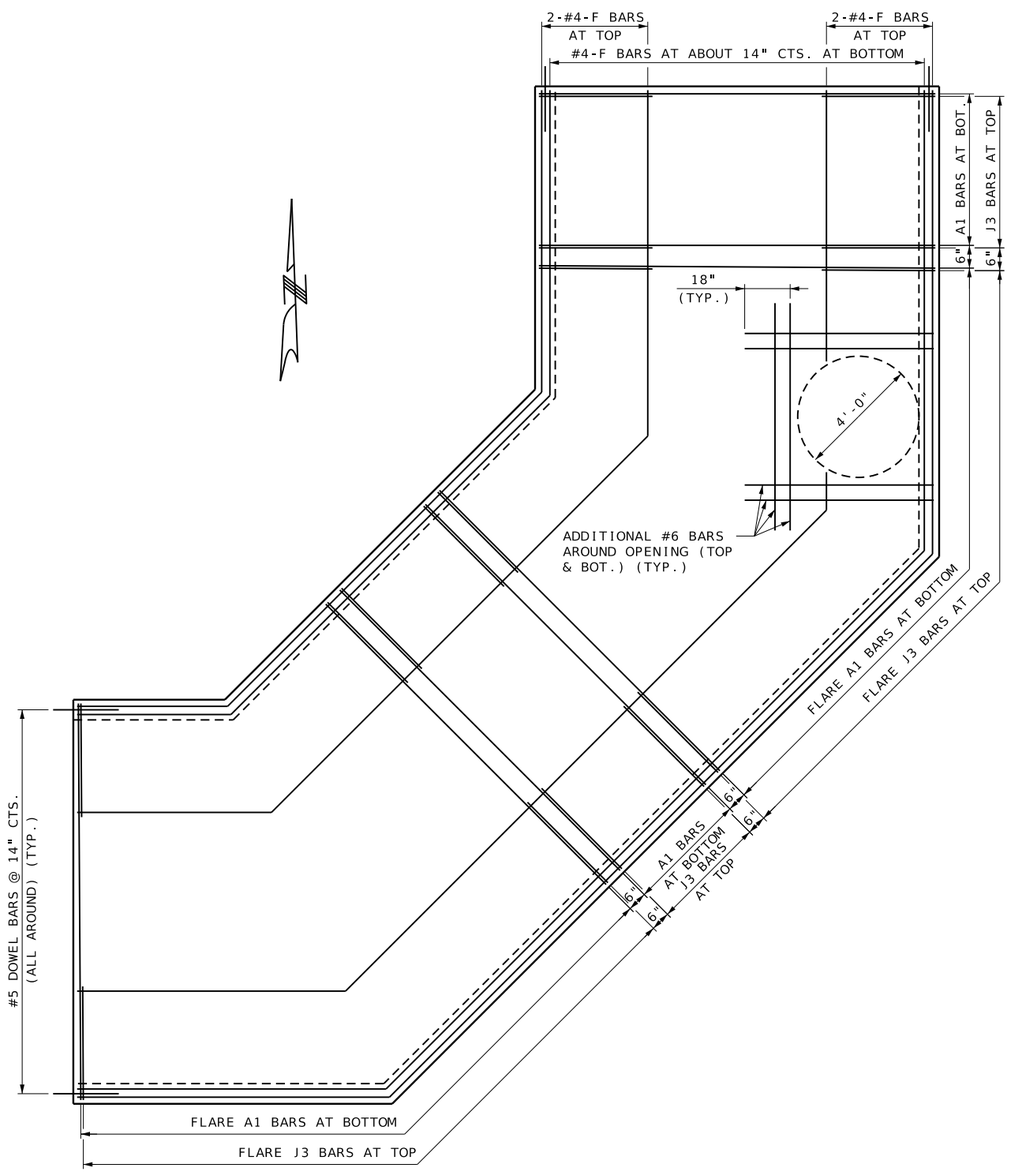
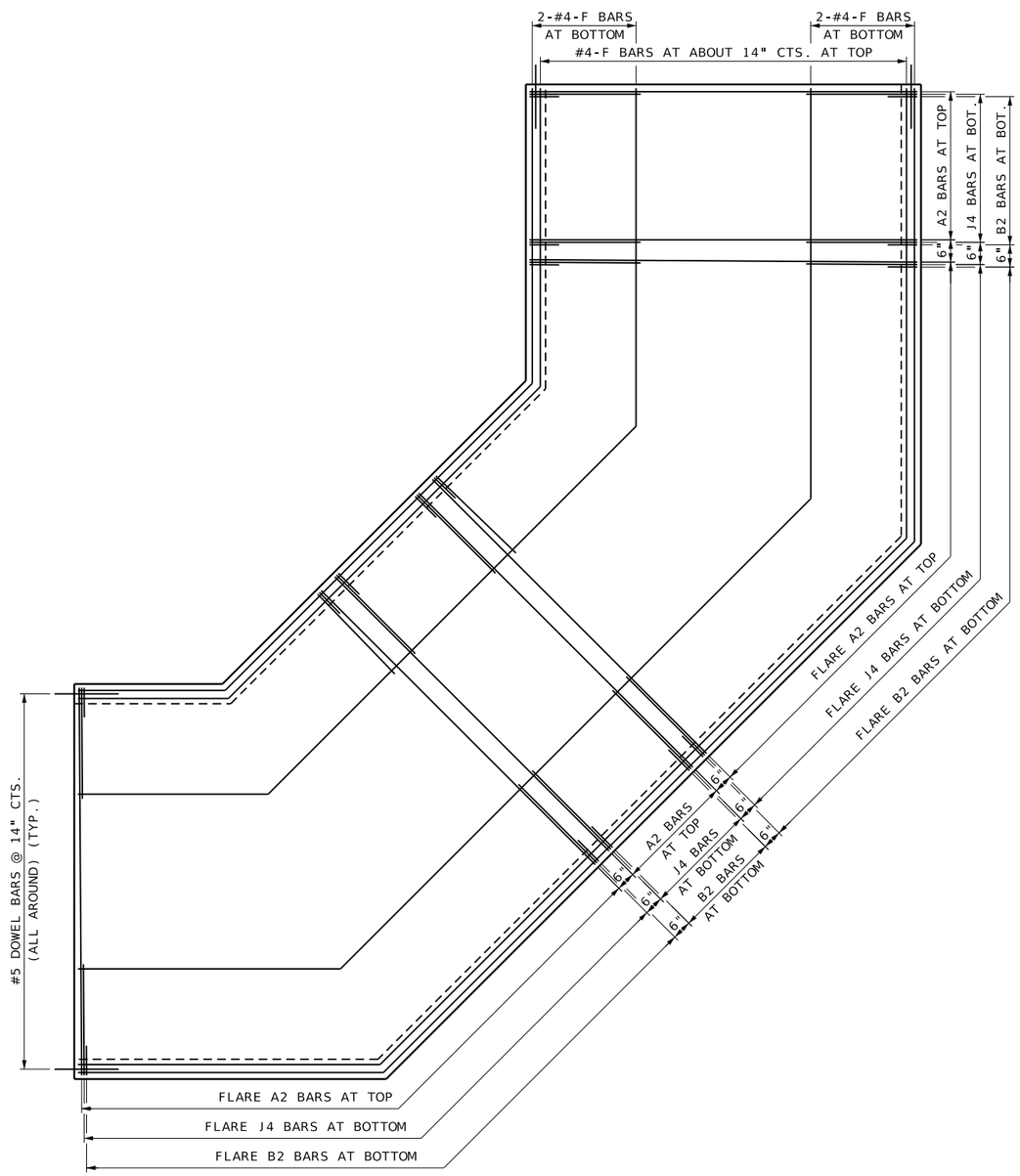
AUTHORITY NO. 001592

SPECIAL SHEET
CULVERT BENDS
SHEET 74 OF 79



PLAN OF TOP SLAB SHOWING REINFORCING



PLAN OF BOTTOM SLAB SHOWING REINFORCING

NOTE:
BAR SPACING IN THE TABLE IS THE MAXIMUM SPACING ALONG THE OUTSIDE EDGE OF THE SOUTHEAST EXTERIOR WALL. THE MINIMUM BAR SPACING SHALL BE 3" CENTERS ALONG THE NORTHWEST EXTERIOR WALL.

SPECIAL SHEET
CULVERT BENDS
SHEET 75 OF 79

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	102

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

GENERAL NOTES:

STEPS SHALL BE SET LEVEL AND IN VERTICAL ALIGNMENT AND NOT NEARER THAN 3" TO A JOINT.

STEPS SHALL BE PLACED AT VERTICAL INTERVALS OF 16" MAXIMUM.

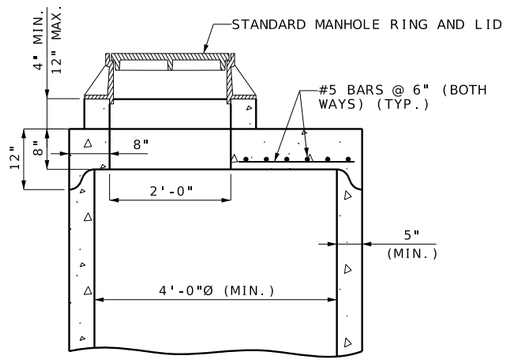
NO DIRECT PAYMENT WILL BE MADE FOR STEPS.

FOR DETAILS OF MANHOLE FRAME AND COVER, SEE MODOT STANDARD DRAWING 614.30E.

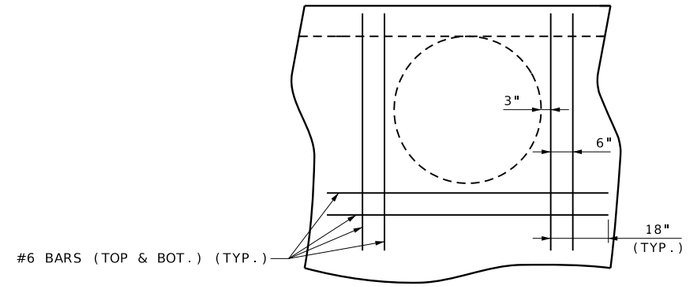
MANHOLE TOP ADJUSTMENTS SHALL BE ACCOMPLISHED BY THE USE OF CONCRETE ADJUSTMENT RINGS.

TOP OF MANHOLE CASTING SHALL BE FLUSH AND ON SAME SLOPE AS FINISHED SURFACE OR AS DIRECTED BY ENGINEER.

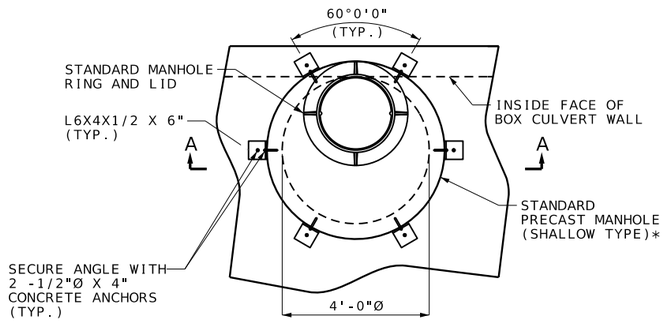
REINFORCEMENT IN ALL SECTIONS SHALL EQUAL OR EXCEED ASTM C-478 SPECIFICATIONS.



STANDARD PRECAST MANHOLE (SHALLOW TYPE)

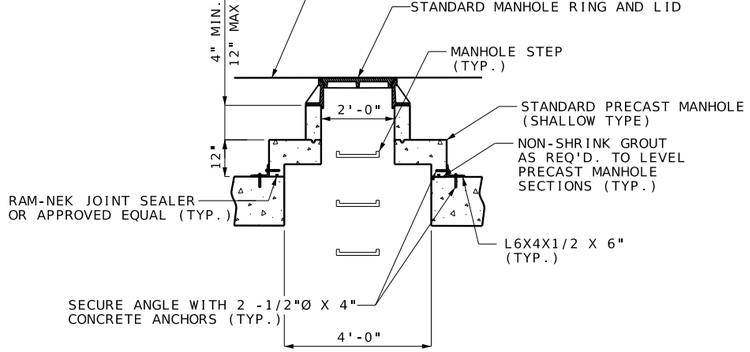


ADDITIONAL REINFORCING IN CULVERT TOP SLAB AROUND OPENING

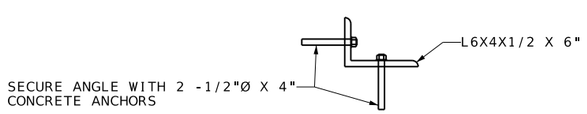


PLAN OF PRECAST MANHOLE

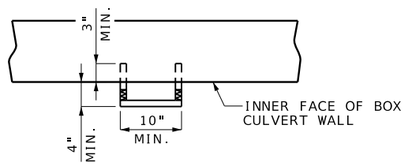
* ALIGN MANHOLE ON INSIDE FACE OF BOX CULVERT WALL. PLACE STEPS IN MANHOLE TO PROVIDE CONTINUOUS VERTICAL ACCESS.



SECTION A-A



MANHOLE CONNECTION ANGLE



STEP INSTALLATION

SPECIAL SHEET
PRECAST RISER DETAILS
SHEET 76 OF 79

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	103

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
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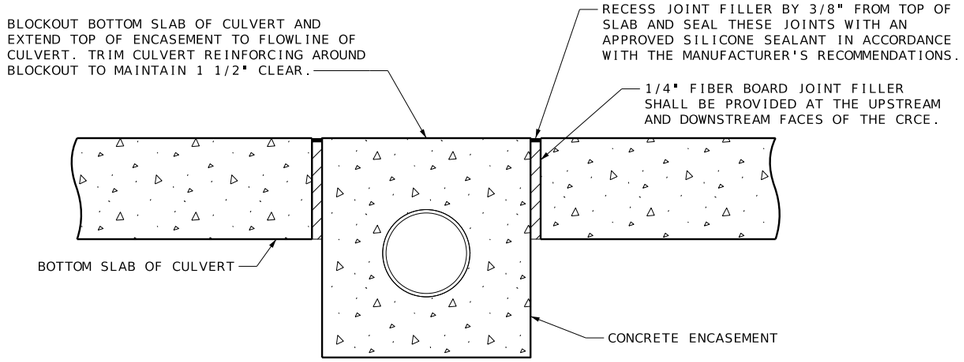
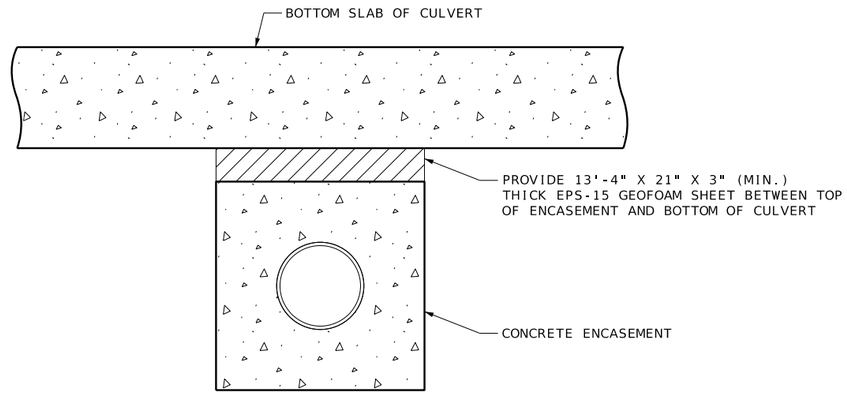
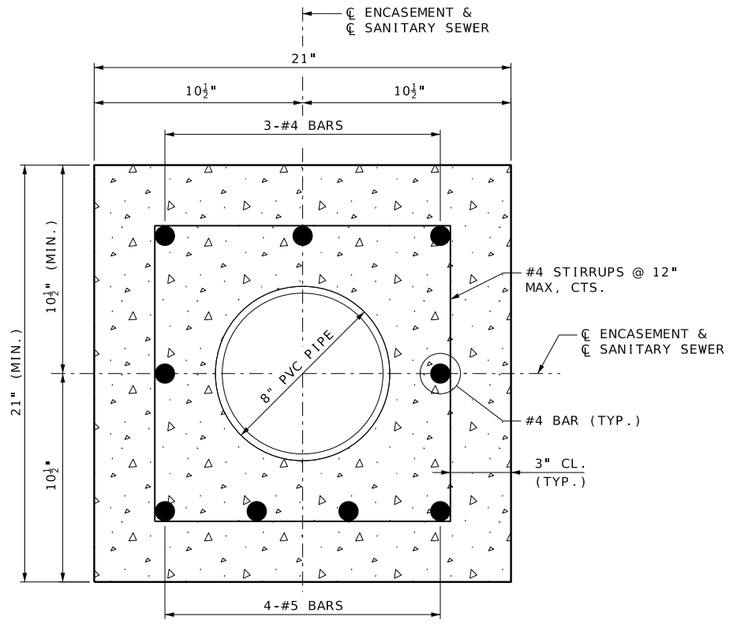
CERTIFICATE OF AUTHORITY NO. 001592



SECTION THROUGH ENCASEMENT IN CULVERT BOTTOM SLAB



SECTION THROUGH ENCASEMENT BELOW CULVERT BOTTOM SLAB



SECTION THROUGH ENCASEMENT

SPECIAL SHEET
SANITARY ENCASEMENT DETAILS
SHEET 77 OF 79

STATE OF MISSOURI
08/09/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	104

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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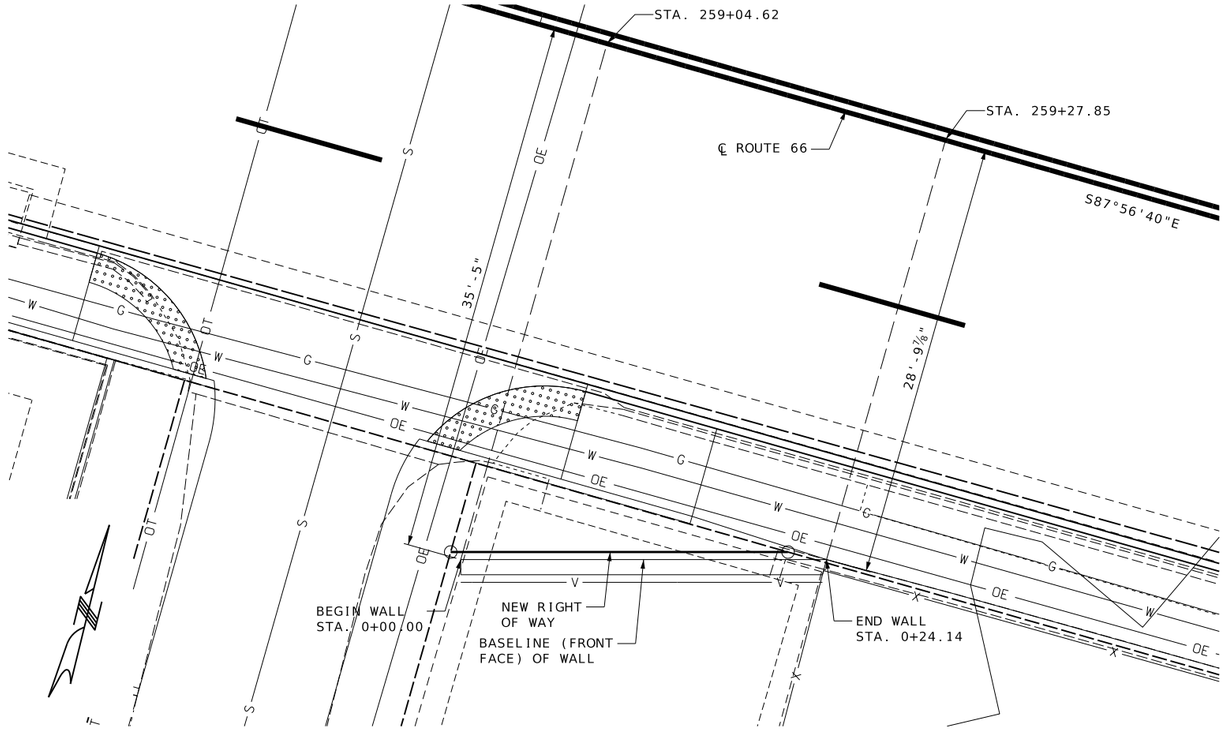
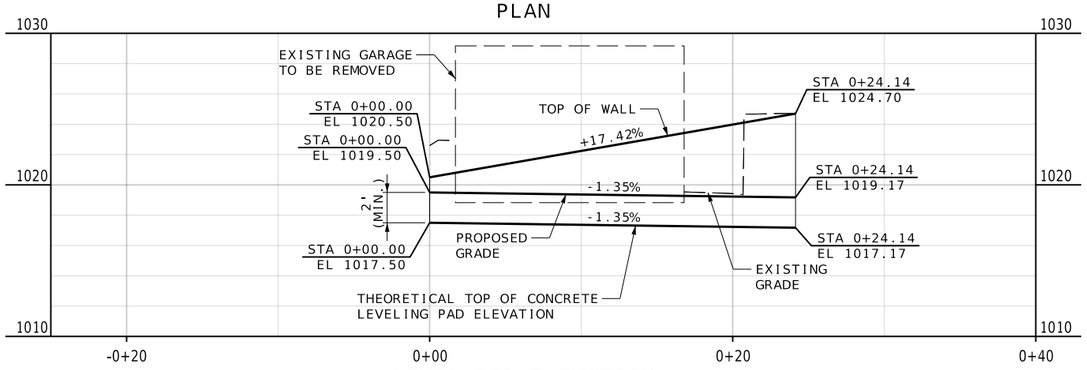
AUTHORITY NO. 001592

SEC/SUR 10 TWP 27N RGE 33W

24' MECHANICALLY STABILIZED EARTH (MSE) RETAINING WALL SYSTEM



PLAN



DEVELOPED ELEVATION

Concrete Leveling pad not shown for clarity. (1)

(1) Wall contractor shall show the following items on the design drawings and/or on the fabricator shop drawings.

- Leveling pad horizontal.
- Leveling pad length and step elevations shall be based on wall manufacturer's recommendation.Top of leveling pad elevations shall not be higher than theoretical top of leveling pad elevations shown on these plans.

Estimated Quantities

Item		Total
Concrete Block Wall System	sq. foot	127
Chain-Link Fence (48")	Lin. foot	24

MSE Wall Systems Data Table

Proprietary Wall Systems		Combination Wall Systems			
Manufacturer	System	Facing Unit Manufacturer	Facing Unit	Geogrid Manufacturer	Geogrid

MSE Wall Systems Data Table is to be completed by MoDOT construction personnel to record the manufacturer of the proprietary wall system or the manufacturers of the combination wall system that was used for constructing the MSE wall.

General Notes:

Design Specifications:

2020 AASHTO LRFD Bridge Design Specifications (9th Ed.)
2023 AASHTO Guide Specifications for LRFD Seismic Bridge Design (3rd Ed.)
Seismic Design Category = A (Seismic Zone - 1)
Design earthquake response spectral acceleration coefficient at 1.0 second period, S_1<0.15 = Acceleration Coefficient (effective peak ground acceleration coefficient), A_s= N/A

Design Loading:

A geotechnical investigation was not undertaken at this location. Contractor shall make an assessment of the anticipated bearing pressure needed to satisfy its MSE wall design, and ensure that the excavation is monitored by a licensed geotechnical engineer or geologist during construction. Contractor shall stop work and assist the inspector for testing of the subgrade to ensure it is in compliance with the Contractor's assumed wall design parameters (bearing pressure, friction angle, unit weight, etc.) prior to installation of the leveling pad. Where necessary, Contractor shall install foundation improvements, which may consist of over-excavation and replacement with suitable compacted granular backfill. Payment will not be made for removal and replacement of foundation subgrade material that is inherently unsound or became unsuitable because of improper methods of construction by the Contractor. This work shall be considered subsidiary to the bid item "Mechanically Stabilized Earth Wall Systems" per square foot. No payment will be made for any costs involved in replacing the volume below the wall, except that the Contractor will be reimbursed for the delivered cost of the granular backfill when directed by the Engineer.

For strength limit state and extreme event limit state, the wall designer to confirm that the minimum Capacity to Demand Ratio (CDR) for bearing, sliding, overturning, eccentricity, and internal stability is greater than or equal to 1.0. MSE wall designer shall include this note on shop drawings.

The maximum applied factored bearing stress for the strength at the foundation level shall be shown on the shop drawings and shall be less than the factored bearing resistance.

Contractor shall include design Φ (actual $\Phi \geq 34°$) and the total unit weight, γ, for the select granular backfill (reinforced backfill and wedge area backfill) for structural systems on shop drawings. Contractor shall identify source of select granular backfill material, submit proctor in accordance with AASHTO T 99 (ASTM D698) and gradation with the shop drawings. When backfill material is too coarse to develop a proctor curve the contractor shall determine the maximum dry density (relative density) in accordance with ASTM D4253 and ASTM D4254 and assume percent passing the 200 sieve for optimum water content.

Total unit weight, γ = (95% compaction) x (maximum dry density) x (1 + optimum water content)

Design Φ = 34°for the select granular backfill (reinforced backfill) for structural systems.

Designed Mar 2025
Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 2

RETAINING WALL ALONG RIGHT SIDE OF ROUTE 66
ABOUT 0.9 MILES WEST OF ROUTE 43
BEGINNING STATION 259+04.62

SPECIAL SHEET
RETAINING WALL
SHEET 78 of 79

STATE OF MISSOURI
10/07/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 105
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SPRINGFIELD, MO 65806
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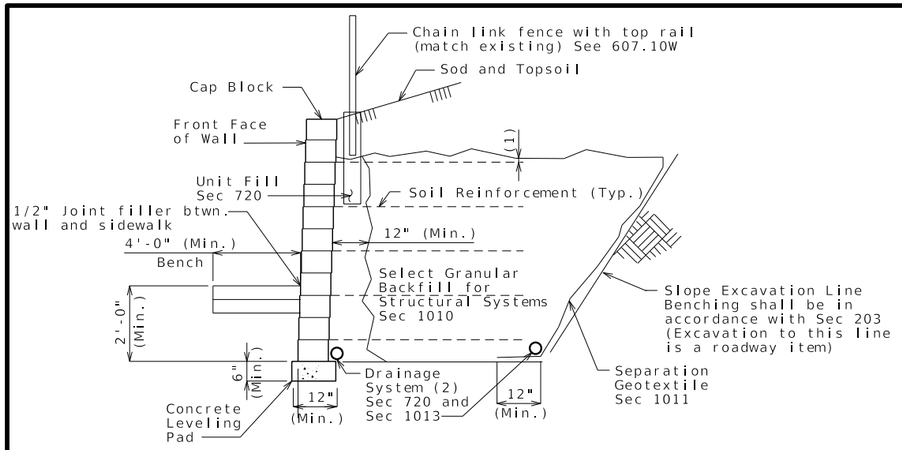
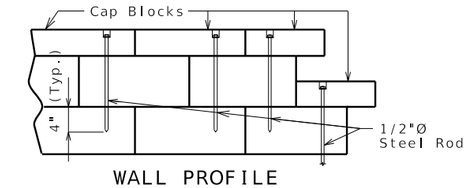
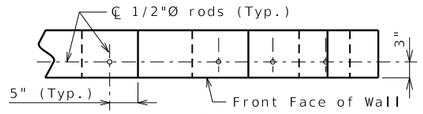


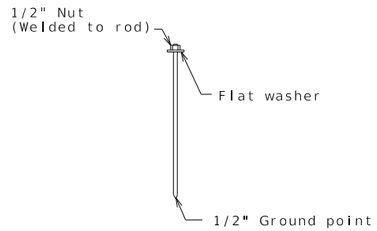
TYPICAL SECTION THRU DRYCAST OR WETCAST MODULAR BLOCK WALL



WALL PROFILE



WALL PLAN



DETAILS OF 1/2" THREADED ROD OR REINFORCING ROD

Notes for Drycast or Wetcast Modular Block Walls:

(1) Topmost layer of reinforcement shall be fully covered with select granular backfill for structural systems, as approved by the wall manufacturer, before placement of the Separation Geotextile.

(2) Minimum 6" diameter perforated PVC or PE pipe.

Manufacturer shall show drain details on design plans to be submitted as shown on MoDOT MSE wall plans and/or roadway plans.

Contractor shall modify the drain details as shown if it will improve flow as may be the case for stepped leveling pad, and for an uneven ground line (approval of the engineer required).

Holes shall be 5/8-inch round and extended 4 inches into the third layer of blocks, recessed 2 inches deep by 1 1/2 inches round.

Rods or reinforcing bars shall be secured by an approved resin anchor system in accordance with Sec 1039.

Recess hole shall be backfilled with non-shrink cement grout.

Permanent shims will be sparingly allowed to maintain horizontal and vertical control. The preferable shim shall be made of a plastic material that will not rust, stain, rot or leach onto the concrete and has a minimum compressive strength equal to block wall unit. Steel or wood shims will not be allowed. Shims shall not exceed 3/16 inch in thickness and shall distribute load in order to not induce stress into block wall units. No shim shall be used between the concrete leveling pad and the base course of the block wall.

Design Unit Stresses:

All concrete for leveling pad shall be Class B or B-1 with f'c = 4000 psi.

The minimum compressive strength of concrete for precast modular (drycast and wetcast) block shall be 4,000 psi in accordance with Sec 1052.

Excavation:

Excavation quantities and pay items are given on the roadway plans. Excavation quantities are based on a soil reinforcement length of 5 ft. The soil reinforcement length may vary based upon the wall design selected by the contractor. Plan excavation quantities will be paid regardless of any actual quantities removed based on the soil reinforcement length and design selected.

Miscellaneous:

Modular blocks to be similar shape, size and color as existing walls. Contractor to provide sample for approval by the engineer.

The MSE wall system shall be built vertical.

The MSE wall system shall be built in accordance with Sec 720.

The MSE wall system shall be a drycast modular block or wetcast modular block wall system.

Precast modular panel, drycast modular block, wetcast modular block and coping (or capstone) reinforcement shall be epoxy coated.

A filter cloth meeting the requirements for a Separation Geotextile material shall be placed between the select granular backfill for structural systems and the backfill being retained by the mechanically stabilized earth wall system.

The contractor shall be solely responsible to coordinate construction of the wall with bridge and roadway construction and ensure that the bridge and roadway construction, resulting or existing obstructions, shall not impact the construction or performance of the wall. Soil reinforcement shall be designed and placed to avoid damage by pile driving, guardrail post installation, utility and sign foundations. (See Roadway and Bridge plans.)

Soil reinforcement shall be spaced to avoid roadway drop inlet behind wall.

All steel soil reinforcements shall be separated from other metallic elements by at least 3 inches.

The splay angle should be less than 15° and tensile capacity of splayed reinforcement shall be reduced by the cosine of the splay angle. Soil reinforcement shall clear the obstruction by at least 3 inches.

No reinforcement shall be left unconnected to the wall face or arbitrarily cut/bent in the field to avoid the obstruction.

Where interference between the vertical obstruction and the soil reinforcement is unavoidable, the design of the wall near the obstruction may be modified using one of the alternatives in FHWA-NHI-10-024, Section 5.4.2. Show detail layout on the drawings. For wall designs with horizontal obstructions in reinforced soil mass, see FHWA-NHI-10-024, Section 5.4.3.

DRYCAST OR WETCAST MODULAR BLOCK WALL

DETAILS FOR GENERIC MSE WALL

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 2 of 2

SPECIAL SHEET
RETAINING WALL
SHEET 79 OF 79

STATE OF MISSOURI
10/07/2025
KRISTEN ASHLEY STEHL
NUMBER PE-2021000284
PROFESSIONAL ENGINEER

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	106

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS AND CONCRETE BARRIER

SIGN SPACING FOR ADVANCE SIGN SERIES (1)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200′	200′
40-45	350′	500′
50-55	500′	1000′
60-70	1000′	SA - 1000′ SB - 1500′ SC - 2640′

TAPER LENGTHS AND END TREATEMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (2)			END TREATMENT (3)
	10′	11′	12′	
<40	160′	168′	176′	BARRIER HEIGHT TRANSITION
>40	160′	168′	176′	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH			MINIMUM SHOULDER TAPER LENGTH BASED ON 10′ SHOULDER	BUFFER LENGTH FT.	MAXIMUM CHANNELIZER SPACING	
	10′	11′	12′			THROUGH TAPER	THROUGH WORK AREA
0-35	205′	225′	245′	70′	280′	35′	40′
40-45	450′	495′	540′	150′	400′	40′	80′
50-55	550′	605′	660′	185′	560′	50′	80′
60-70	700′	770′	840′	235′	840′	60′	120′

NOTE:
SEE STANDARD PLAN 616.10 FOR TEMPORARY TRAFFIC CONTROL DEVICES.

NOTES:

(1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION MAY BE ADJUSTED BY INCREASING TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.

(2) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10′ SHOULDER.

(3) CONCRETE BARRIER MAY BE INSTALLED AT AN 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER. CONTRACTOR MY PROVIDE CONCRETE BARRIER AT OWN EXPENSE. INCIDENTAL TO PROJECT.

GENERAL NOTES:

1. AS WITH ALL CONSTRUCTION ACTIVITIES TRAFFIC SITUATIONS ARE SUBJECT TO CHANGE. THE CONTRACTOR SHALL BE AWARE THAT ALL TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE STANDARDS OUTLINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION, SECTION 600 AND SHALL FOLLOW THE GUIDELINES IN THE MODOT 'TRAFFIC CONTROL FOR FIELD OPERATIONS MANUAL'.

2. TWO (2) PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE SUPPLIED A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF ANY TURNING RESTRICTIONS, LANE CLOSURES, OR DETOURS REQUIRED BY THE TEMPORARY TRAFFIC CONTROL.

3. PLACE A 'ROAD WORK AHEAD' SIGN ON THE APPROACH TO ALL INTERSECTIONS WHERE THE ADVANCE SIGNING FOR THE TEMPORARY TRAFFIC CONTROL EXTENDS PAST THAT INTERSECTION.

4. NOTIFY MODOT RESIDENT ENGINEER AT 417-621-6525 (MARVIN MORRIS) 48-HOURS IN ADVANCE OF ANY LANE CLOSURE OR ROADWAY CLOSURE.

5. ALL EXISTING SIGNS SHALL BE USED IN PLACE. ADJUSTED AND/OR COVERED AS CONDITIONS REQUIRE.

6. REFER TO MODOT STANDARD PLANS 619.10J. SHEETS 1-3 FOR "PAVEMENT EDGE TREATMENT" DETAILS. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THIS STANDARD DURING WORKING AND NON-WORKING HOURS.

7. ALL STATIONING, DISTANCES, AND SPACING OF WORK ZONES DEVICES ARE APPROXIMATE AND MAY BE REVISED AS APPROVED BY ENGINEER.

8. TYPE III MOVEABLE BARRICADES TO BE LOCATED AS APPROVED BY THE ENGINEER TO FIT FIELD CONDITIONS.

9. FIRST ORDER OF WORK ON ALL PHASES SHALL BE PLACEMENT OF ALL WORK ZONE WARNING DEVICES AND SIGNS AS NOTED.

10. SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED OR AS APPROVED BY THE ENGINEER.

11. SIGNS LEFT IN PLACE OVERNIGHT MUST BE MOUNTED AT 5′ MINIMUM.

12. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.

13. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, IF NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

14. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.

15. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS OR CONSTRUCTION SIGNS.

16. SIGN SPACING DISTANCE MAY BE ADJUSTED (INCREASED, TYPICALLY) ACCORDING TO FIELD CONDITIONS.

17. REFER TO MODOT STANDARD PLAN, 612.20 FOR SAND FILLED IMPACT ATTENUATORS AND 617.20 FOR TEMPORARY CONCRETE TRAFFIC BARRIER.

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 107
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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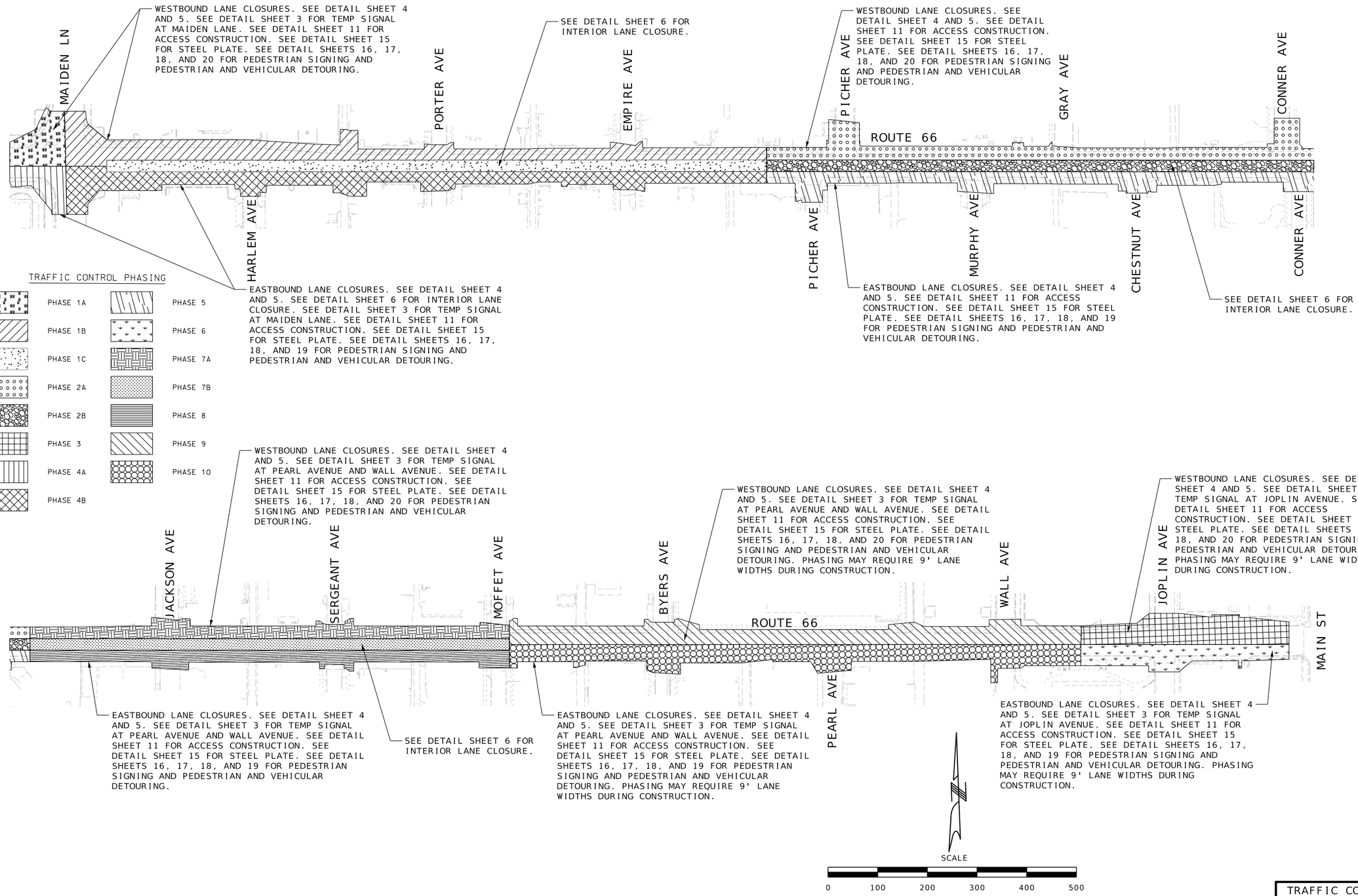

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	108

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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TRAFFIC CONTROL
SHEET 2 OF 20

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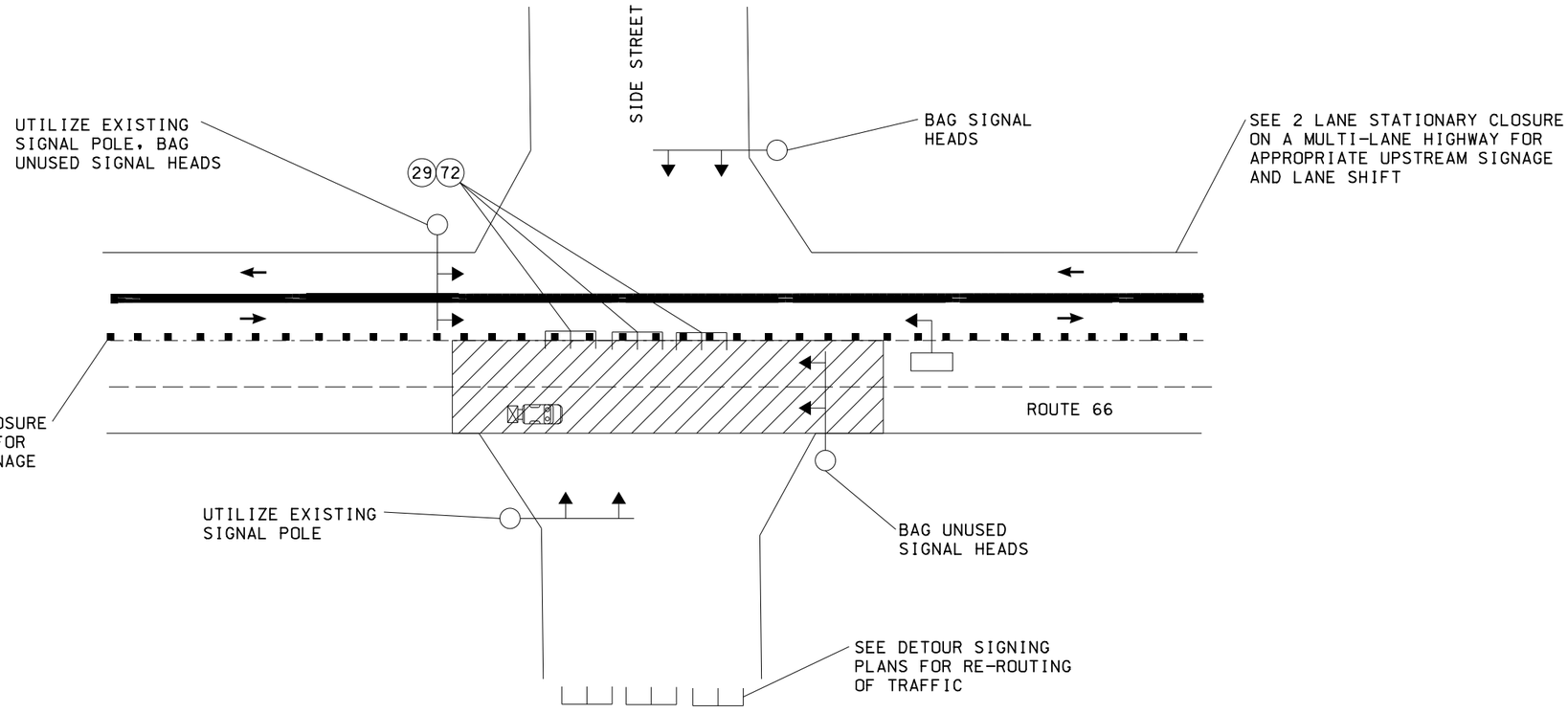
TEMPORARY SIGNAL FOR 2 LANE CLOSURE ON A MULTI-LANE HIGHWAY





LEGEND

- ACTIVE CONSTRUCTION AREA
- CHANNELIZER
- TYPE 3 BARRICADE
- TEMPORARY TRAFFIC CONTROL SIGN
- TEMPORARY TRAFFIC SIGNAL

NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. LANE WIDTHS SHALL BE A MINIMUM OF 10' WIDE UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR TO TIE TEMPORARY SIGNAL INTO EXISTING SIGNAL TIMINGS.
6. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	109

COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
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CERTIFICATE OF AUTHORITY NO. 001592

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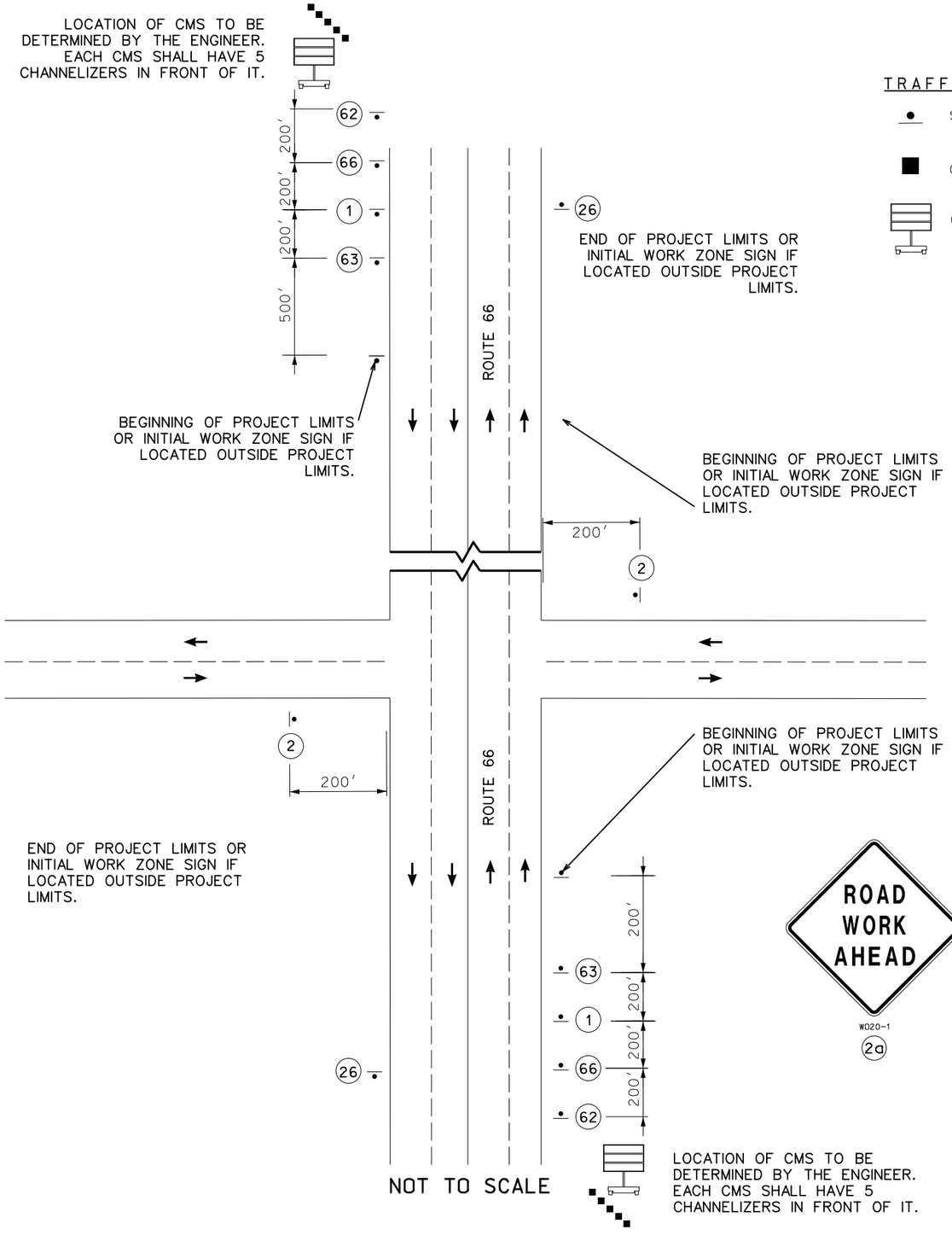
BEGIN AND END OF PROJECT SIGNING

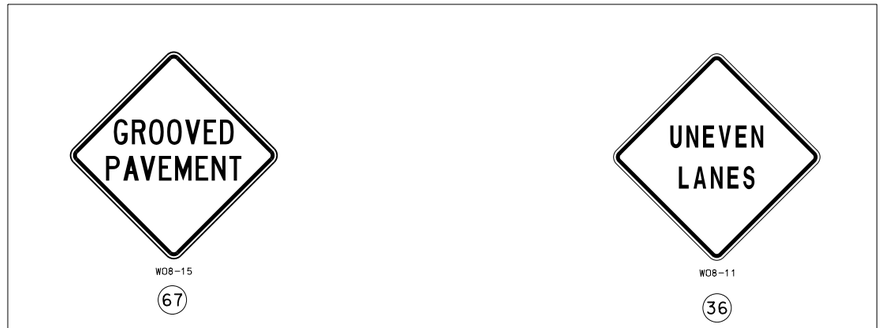


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- CHANGEABLE MESSAGE SIGN

NOTES:

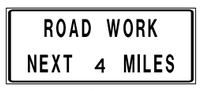
1. SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ADJUSTMENTS ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS OCCUR OR ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ADDITIONAL SIGNING.



THESE SIGNS SHALL BE PLACED AT THE DIRECTION OF THE ENGINEER.



CONST-7-48
66



GO20-1
1

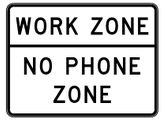


CONST-5-48
62

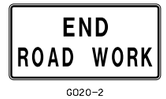
W020-1
2a



W020-1
2



CONST-8
63



GO20-2
26

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	110

COUNTY JASPER

JOB NO. J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
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olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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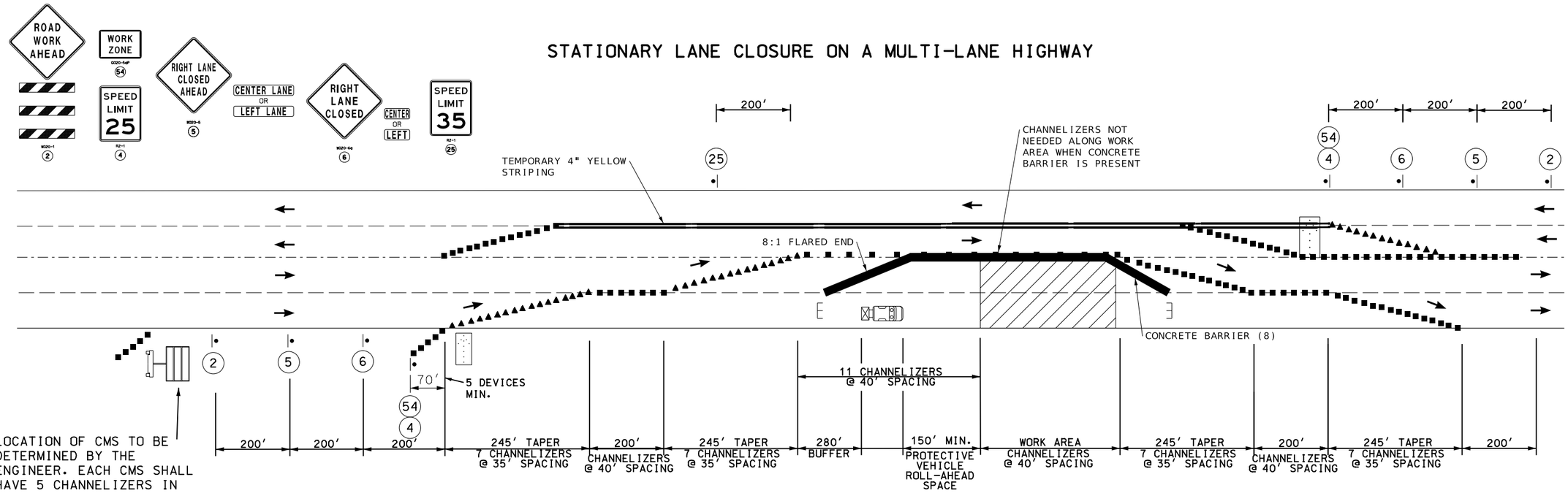
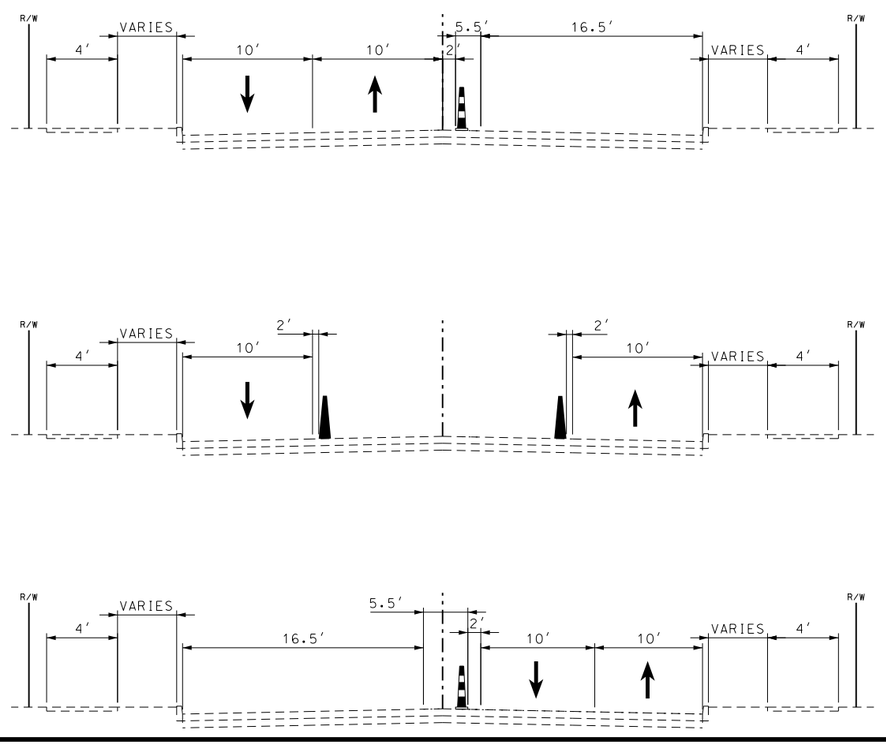
STATIONARY LANE CLOSURE ON A MULTI-LANE HIGHWAY



NOT TO SCALE



NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. LANE WIDTHS SHALL BE A MINIMUM OF 10' WIDE UNLESS OTHERWISE SPECIFIED.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES.
6. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
7. FLASHING ARROW PANEL ON PROTECTIVE VEHICLE SHALL BE OPERATED IN CAUTION MODE. THE PROTECTIVE VEHICLE SHALL HAVE HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS ACTIVATED FOR THE DURATION OF THE WORK ZONE.
8. CONCRETE BARRIER SHALL BE USED AS NEEDED FOR DEEP EXCAVATIONS.
9. CONCRETE BARRIER NEEDED FOR BOX CULVERT CONSTRUCTION ALONG 7TH.
10. TEMPORARY TRAFFIC BARRIER TO BE PLACED DURING NON PEAK PERIODS TO ACCOMODATE PLACEMENT OF BARRIER.
11. TEMPORARY SURFACING AS APPROVED BY ENGINEER.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE
- FLASHING ARROW PANEL
- PROTECTIVE VEHICLE WITH FLASHING ARROW PANEL AND TMA
- CHANGEABLE MESSAGE SIGN
- TEMPORARY TRAFFIC BARRIER
- TYPE 3 BARRICADE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 111
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

TRAFFIC CONTROL
SHEET 5 OF 20

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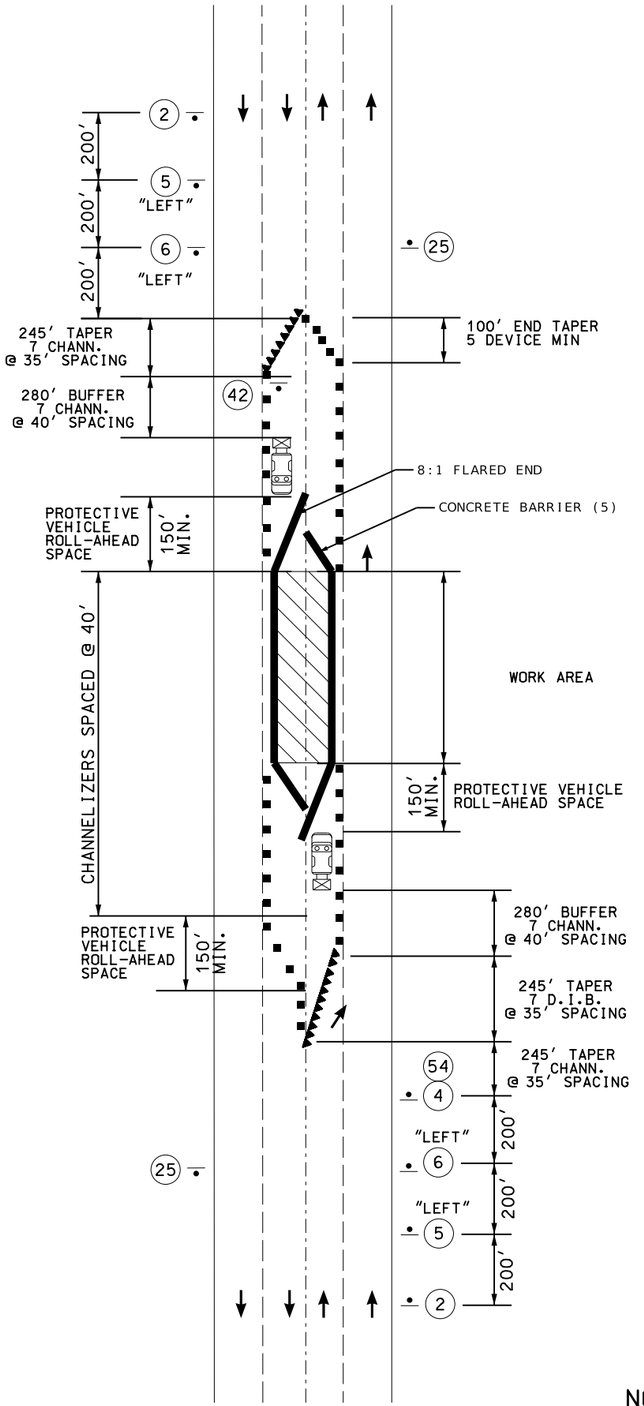
INTERIOR LANE CLOSURE ON A MULTI-LANE HIGHWAY

NOTES:
1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
5. CONCRETE BARRIER SHALL BE USED AS NEEDED FOR CONSTRUCTION PHASING.
6. TEMPORARY SURFACING AS APPROVED BY ENGINEER.



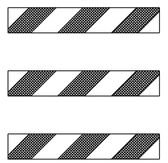


R2-1
4



W020-1
2

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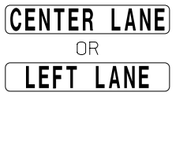
G020-5aP
54



W020-5
5





R2-1
25



W020-6a
6





R4-7a
42

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- PROTECTIVE VEHICLE WITH FLASHING ARROW PANEL AND TMA

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 112
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
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AUTHORITY NO. 001592

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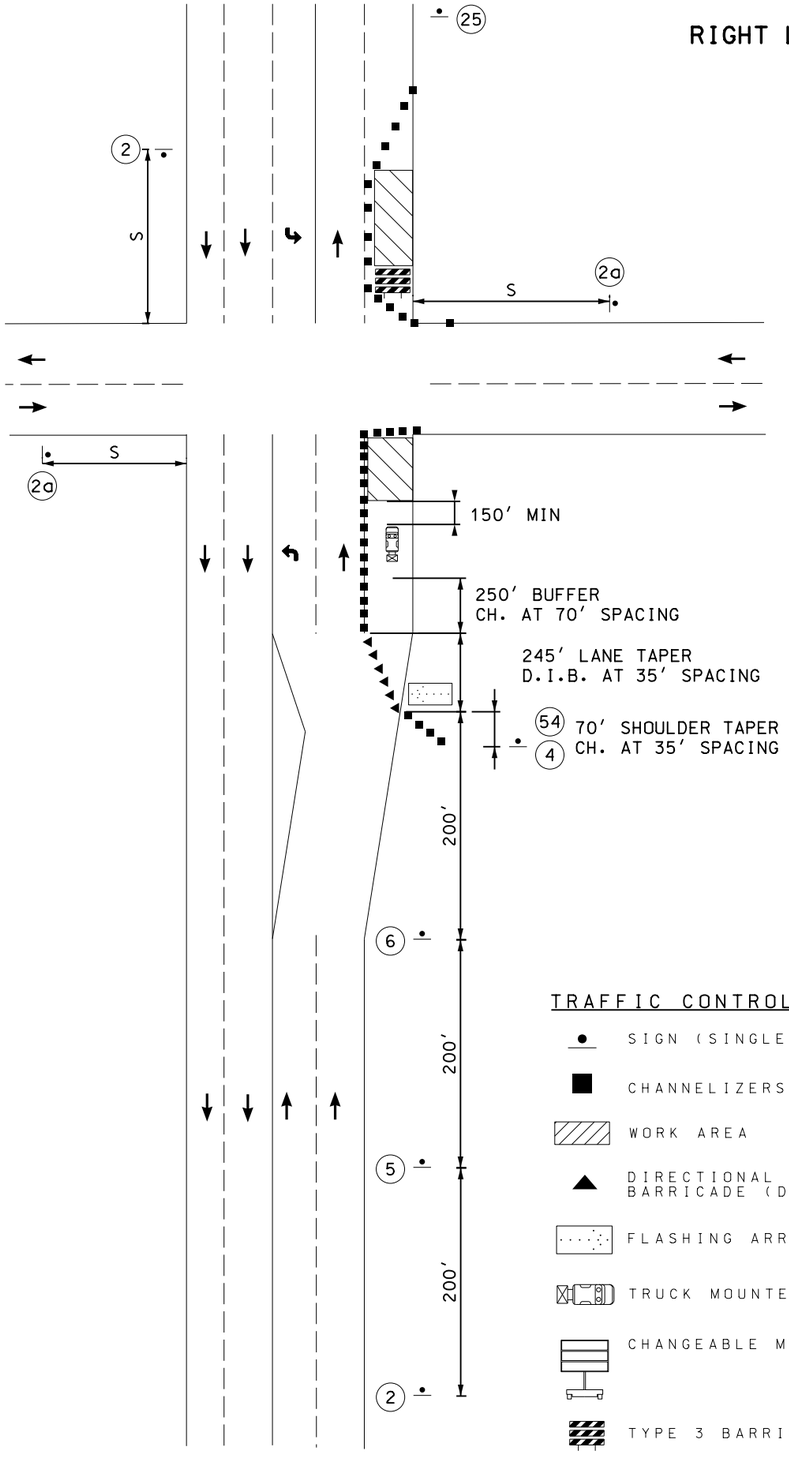
RIGHT LANE CLOSURE AT INTERSECTION WORK ON NEAR OR FAR SIDE





R2-1

25



G020-5aP

54



R2-1

4



W020-1

2a



W020-5

5



W020-6a

6



W020-1

2

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- CHANGEABLE MESSAGE SIGN
- TYPE 3 BARRICADE

NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKING, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	113

COUNTY JASPER

JOB NO. J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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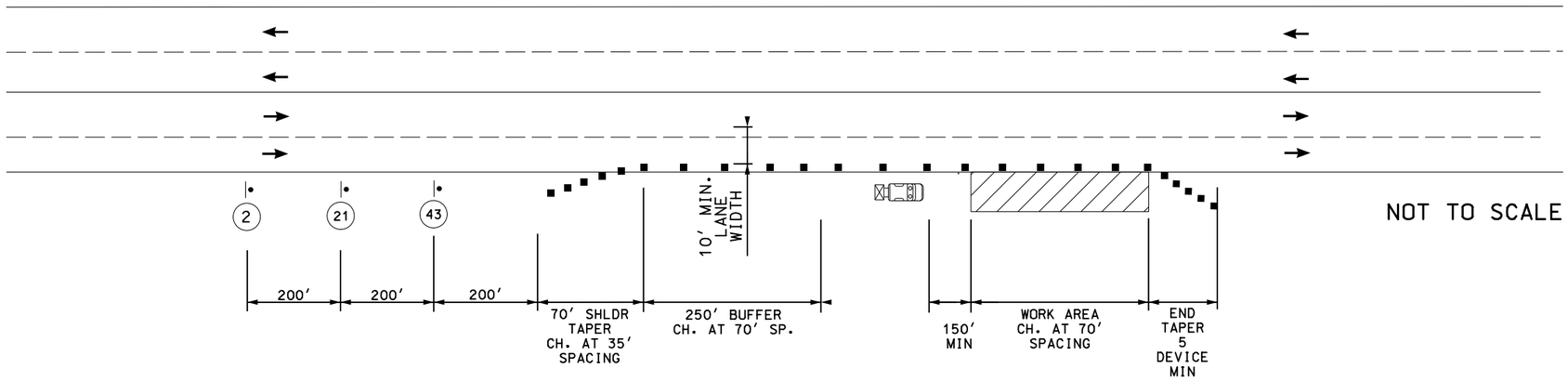
STATIONARY SHOULDER CLOSURE



NOT TO SCALE

NOTES:

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3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- CHANGEABLE MESSAGE SIGN



W020-1

(2)



W021-5

(21)



W05-1

(43)

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	114

COUNTY: JASPER

JOB NO.: J7S2185C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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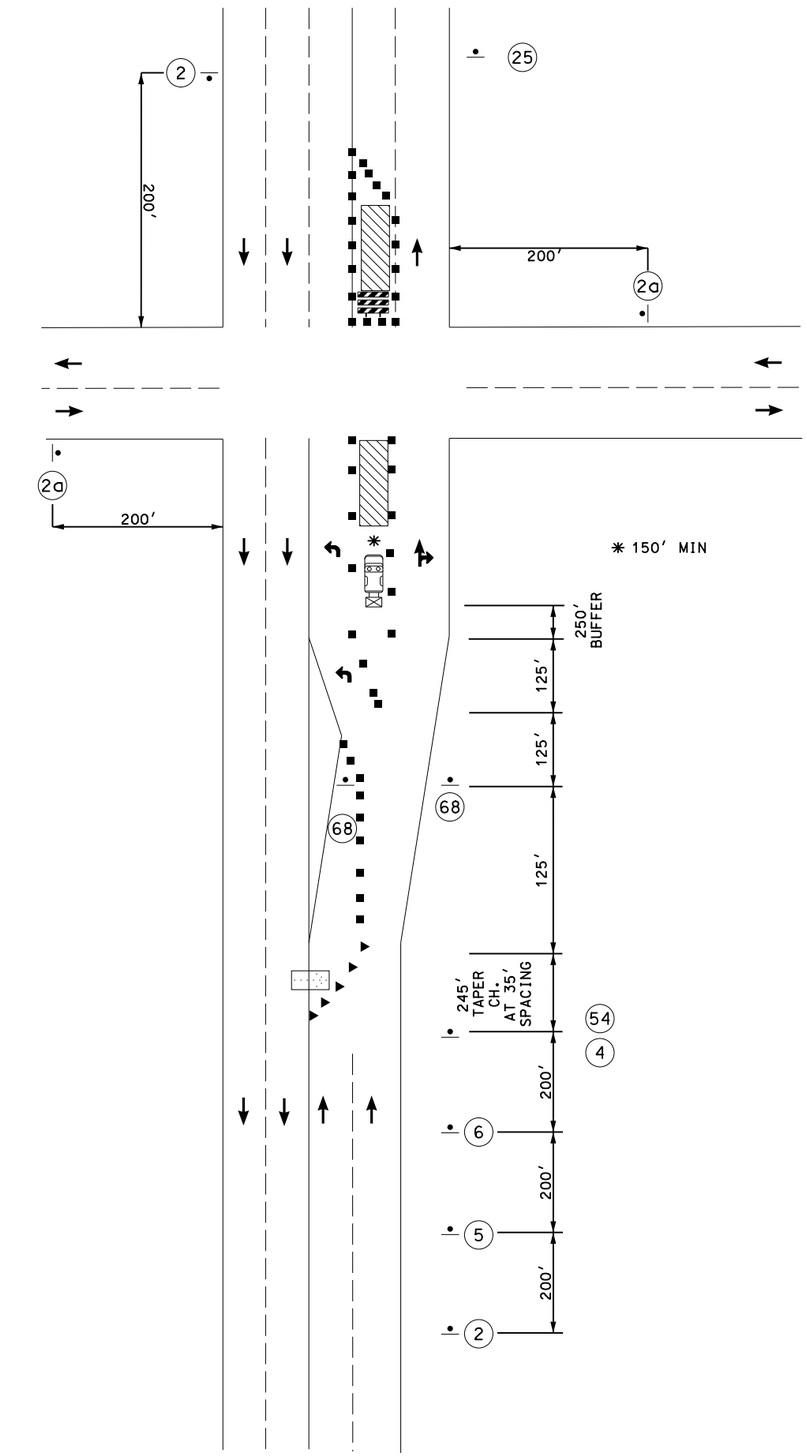
NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKINGS AS NEEDED.
5. LANES WIDTHS SHALL BE A MINIMUM OF 10'.
6. CONTRACTOR SHALL MAKE EVERY EFFORT TO MAINTAIN ACCESS TO BUSINESSES DURING CONSTRUCTION. CLOSURE OF SIDE STREETS AND COMMERCIAL ENTRANCES SHALL BE MINIMIZED.
7. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
8. REDUCED SPEED LIMIT IS POSTED SPEED LIMIT MINUS 10 MPH WITH A MINIMUM SPEED LIMIT OF 35 MPH.
9. FLAGS ARE REQUIRED FOR DAY TIME HOURS ONLY.
10. TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
11. PAVEMENT MARKING AND TYPE 3 BARRICADES ARE OPTIONAL FOR SHORT TERM OPERATIONS.
12. LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
13. FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS, OR DETECTOR SETTINGS.
14. FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FOOT DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE NORMAL SPACING.
15. THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

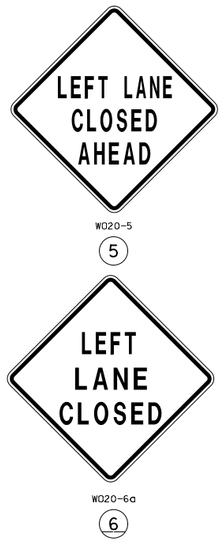


LEFT LANE CLOSURE AT INTERSECTION











TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- TYPE 3 BARRICADE

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	115

COUNTY: JASPER

JOB NO.: J7S2185C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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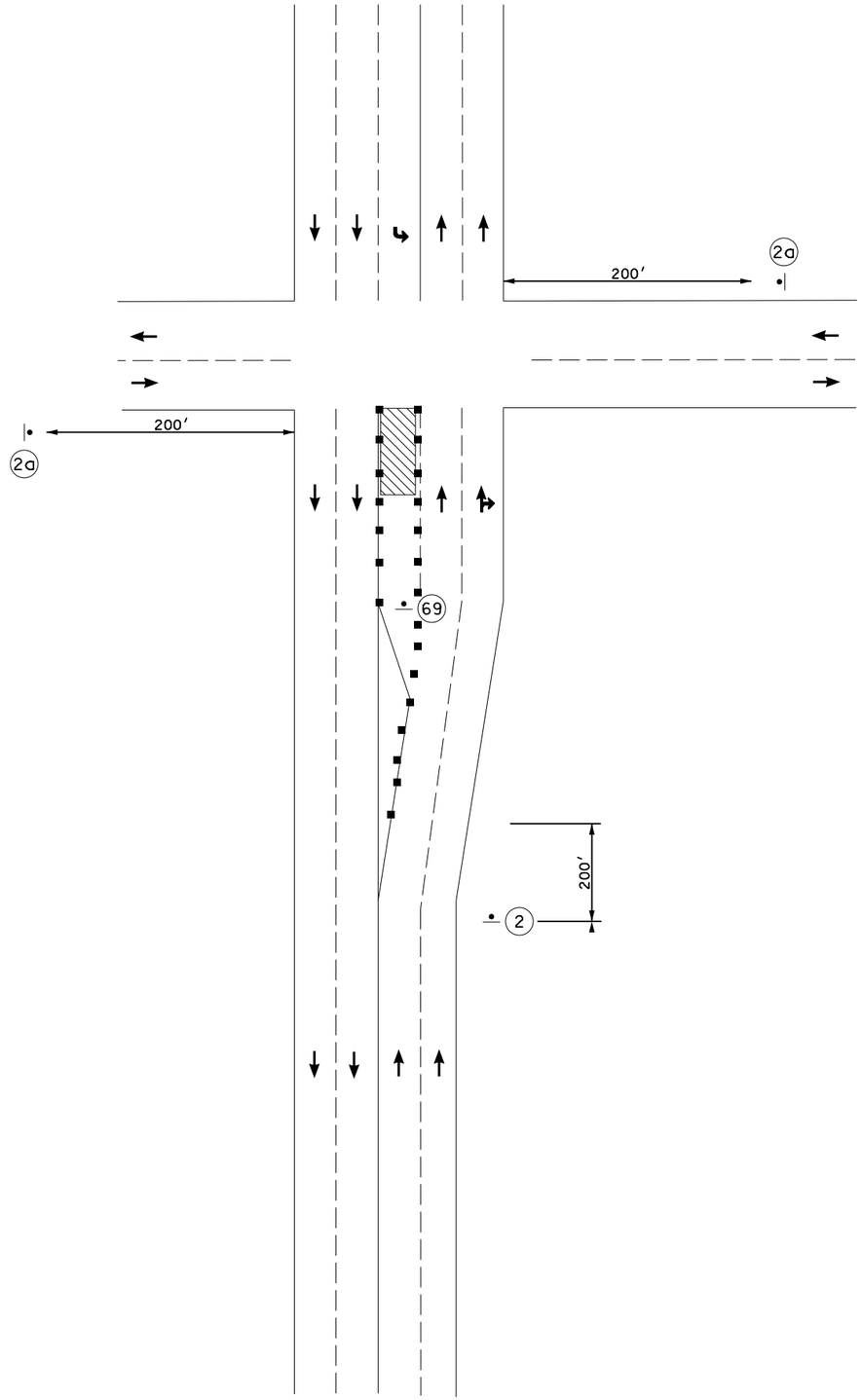
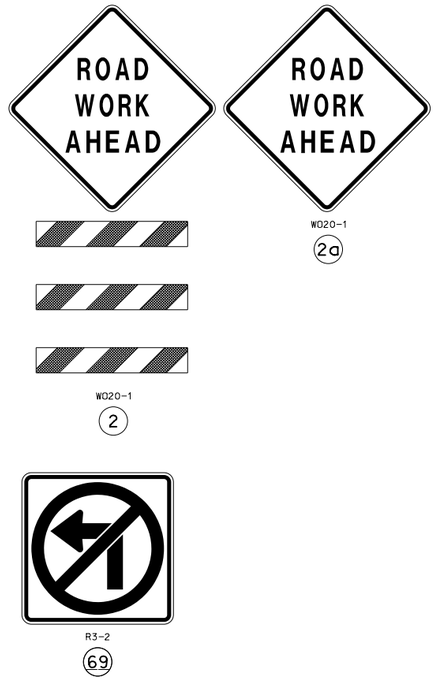
TURN LANE CLOSURE AT INTERSECTION





NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 116
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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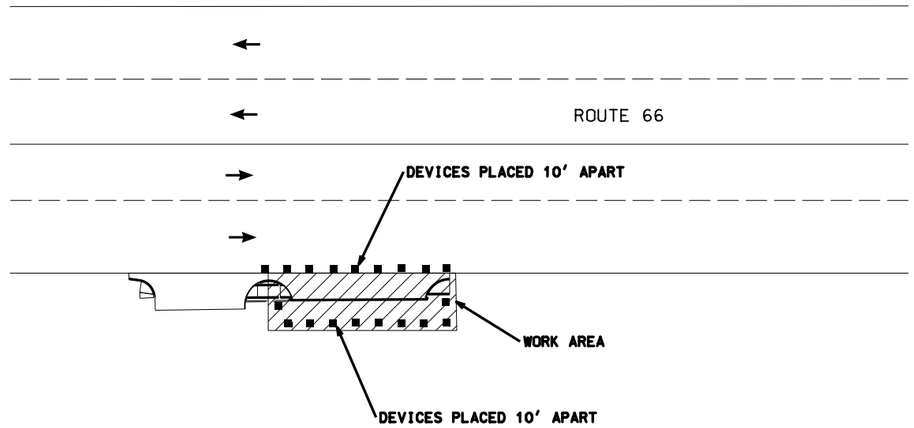
TYPICAL TRAFFIC CONTROL FOR ENTRANCE CONSTRUCTION



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF PROPERTY HAS MULTIPLE ENTRANCES, THE CONTRACTOR MAY CLOSE ONE ENTIRE ENTRANCE.
2. IF PROPERTY HAS ONLY A SINGLE ENTRANCE, THEN THE ENTRANCE SHALL BE CONSTRUCTED IN HALVES, WHERE POSSIBLE. OTHERWISE, THE CONTRACTOR SHALL COORDINATE WITH RESIDENTS IN ADVANCE TO PROVIDE ACCESS TO PROPERTY.
3. THE CONTRACTOR SHALL LIMIT THE WORK ZONE TO MINIMIZE IMPACT ACCESS TO THE BUSINESS.
4. THE CONTRACTOR SHALL NOT PARK EQUIPMENT OR STORE MATERIALS IN THE TEMPORARY EASEMENTS DURING NON-WORKING HOURS.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO THE PROPERTY.
6. SEE ALSO TRAFFIC CONTROL FOR SHOULDER WORK WITH TRAVELWAY ENCROACHMENT AS NEEDED.
7. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	117

COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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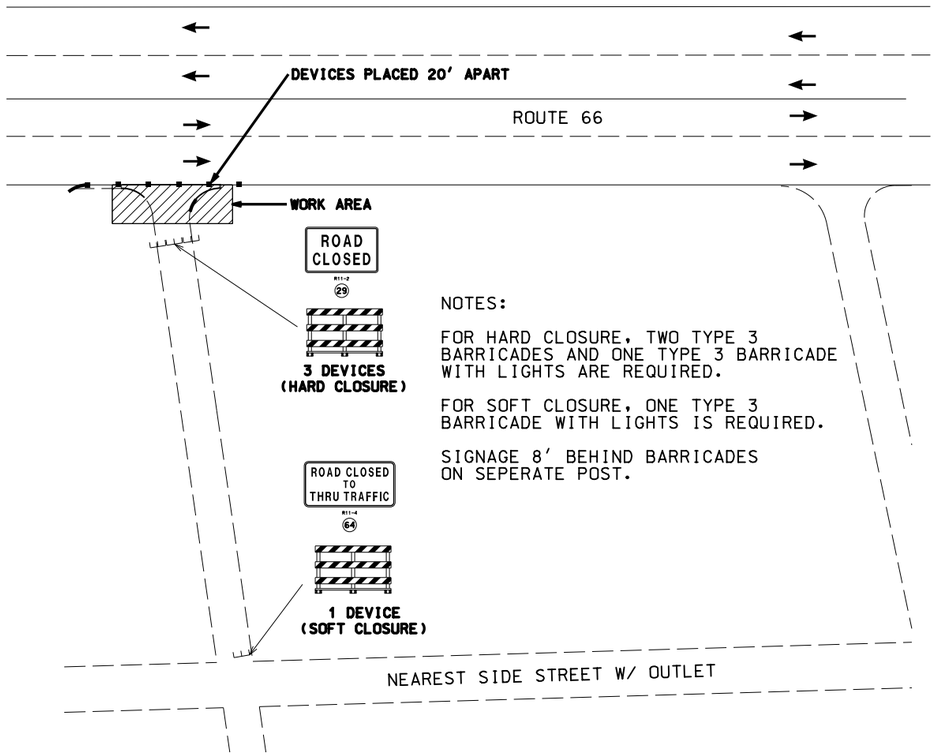
TRAFFIC CONTROL
SHEET 11 OF 20

CLOSURE OF NON-SIGNALIZED STREET OR ALLEY



NOTES:

FOR HARD CLOSURE, TWO TYPE 3 BARRICADES AND ONE TYPE 3 BARRICADE WITH LIGHTS ARE REQUIRED.

FOR SOFT CLOSURE, ONE TYPE 3 BARRICADE WITH LIGHTS IS REQUIRED.

SIGNAGE 8' BEHIND BARRICADES ON SEPERATE POST.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF NEAREST SIDE STREET DOES NOT HAVE AN OUTLET, OR DISTANCE TO NEAREST OUTLET IS NOT FEASIBLE, NON-SIGNALIZIED INTERSECTION SHALL BE CONSTRUCTED IN HALVES, KEEPING HALF OF ENTRANCE OPEN AT ALL TIMES.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	118

COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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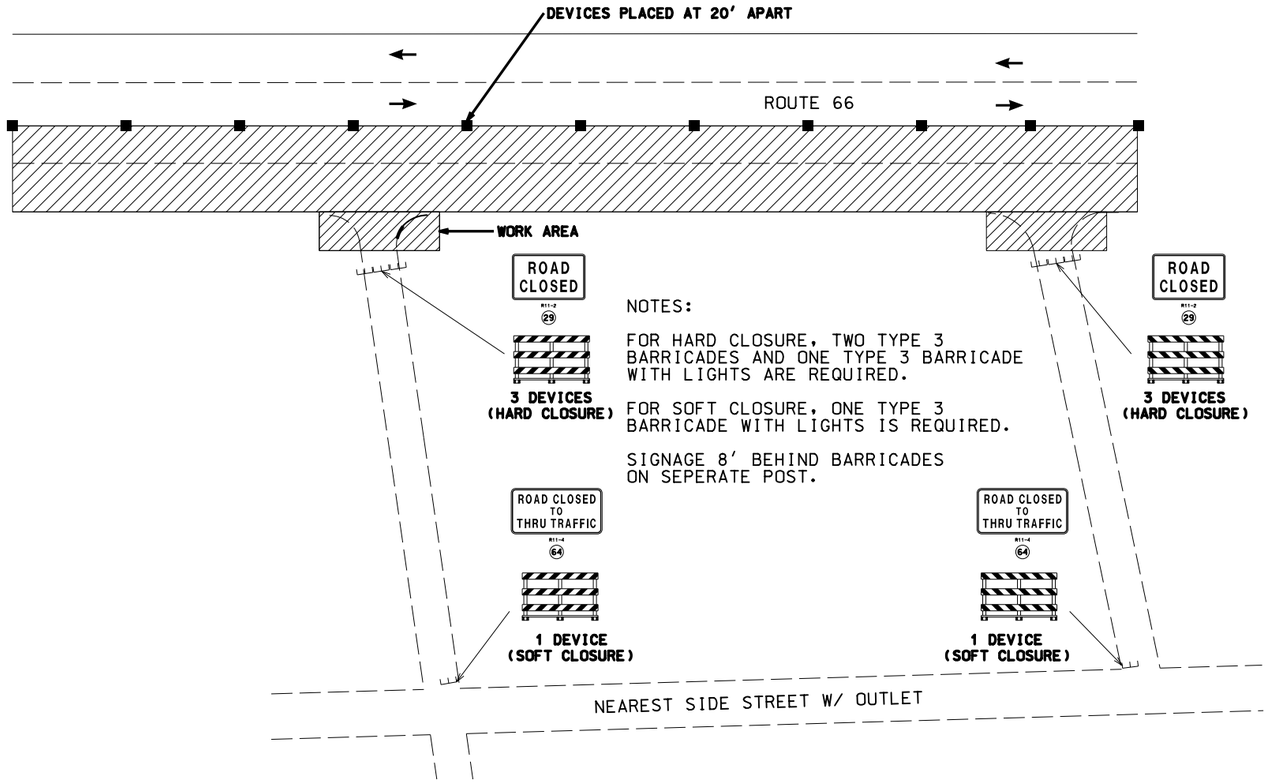
TRAFFIC CONTROL
SHEET 12 OF 20

CLOSURE OF NON-SIGNALIZED SIDE STREETS OR ALLEYS WITH LANE CLOSURES



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF NEAREST SIDE STREET DOES NOT HAVE AN OUTLET, OR DISTANCE TO NEAREST OUTLET IS NOT FEASIBLE, NON-SIGNALIZIED INTERSECTION SHALL BE CONSTRUCTED IN HALVES, KEEPING HALF OF ENTRANCE OPEN AT ALL TIMES.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 119
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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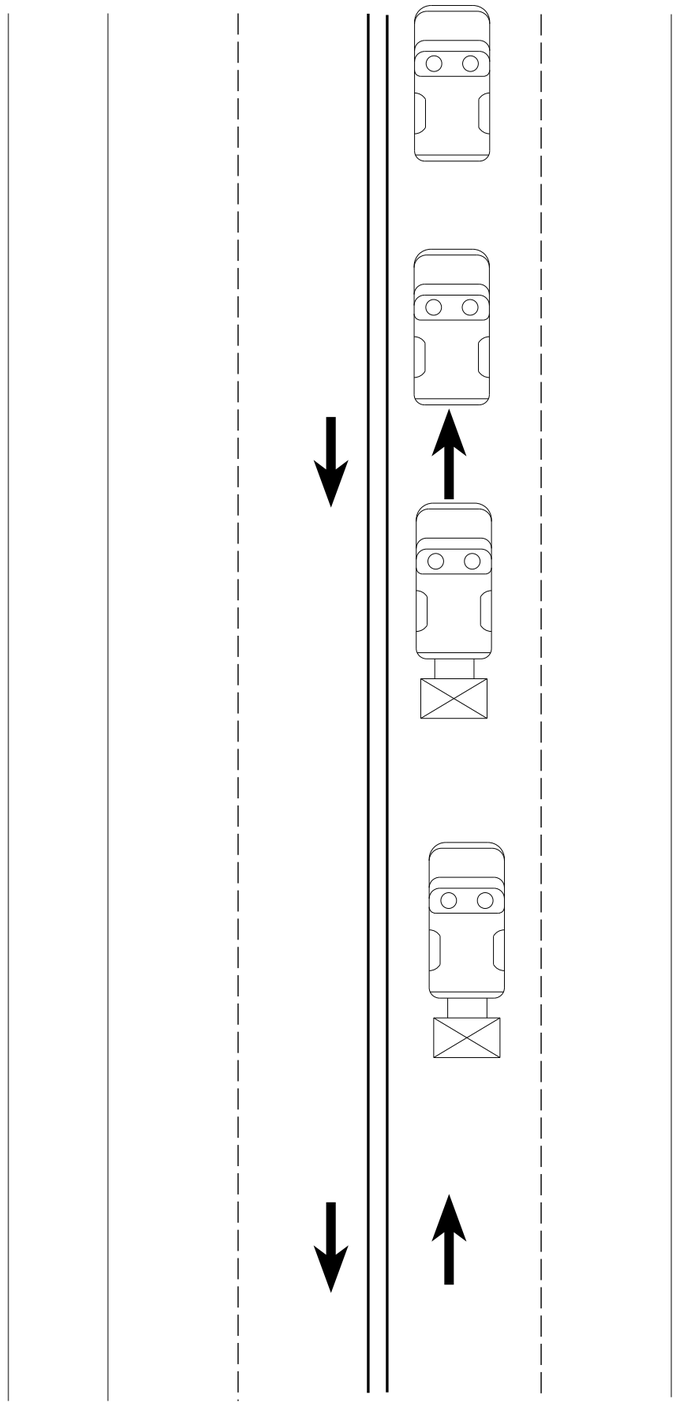
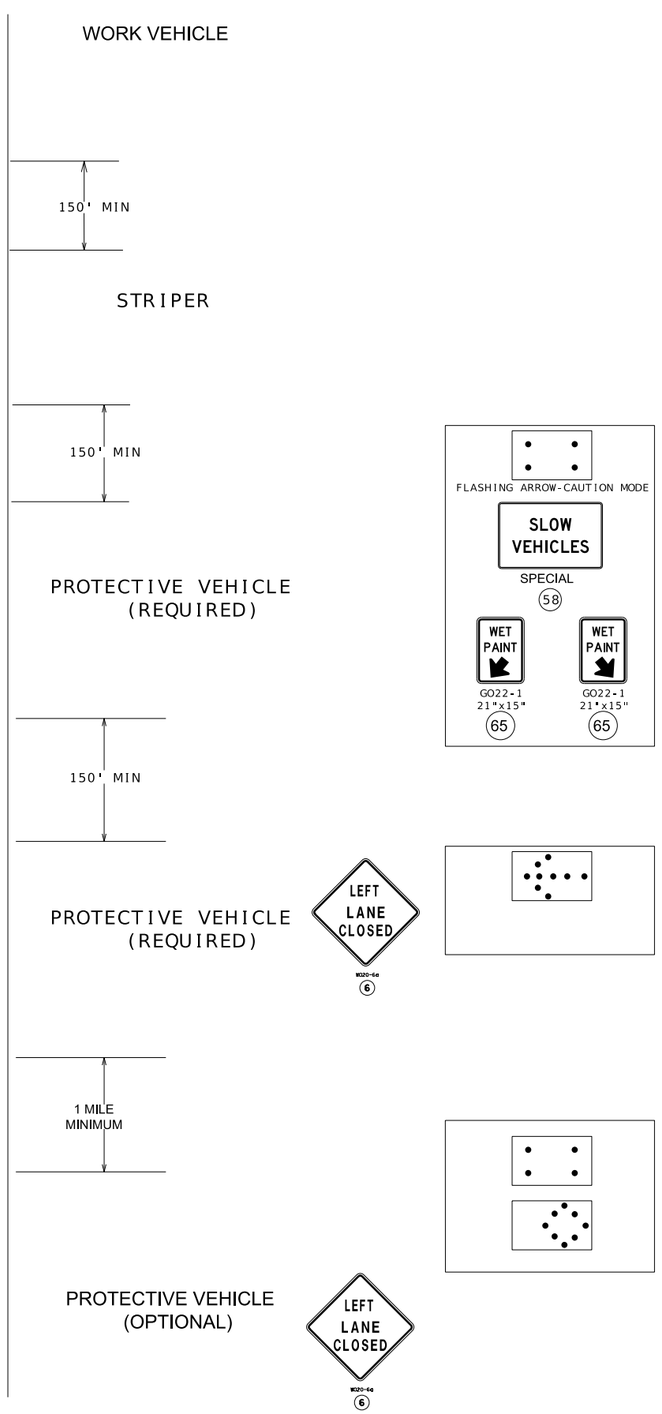
TRAFFIC CONTROL
SHEET 13 OF 20

STRIPING OPERATION ON UNDIVIDED MULTI-LANES





NOTES:

ALL SIGNS SHALL HAVE TYPE 3 FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY, ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

FLASHING ARROW PANELS SHALL, AT A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

THE STRIPING OPERATION SHALL BE COMPLETED UNDER A LANE CLOSURE.

THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

TRAFFIC CONTROL LEGEND

FLASHING ARROW PANEL

TRUCK MOUNTED ATTENUATOR

NOT TO SCALE

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	120

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
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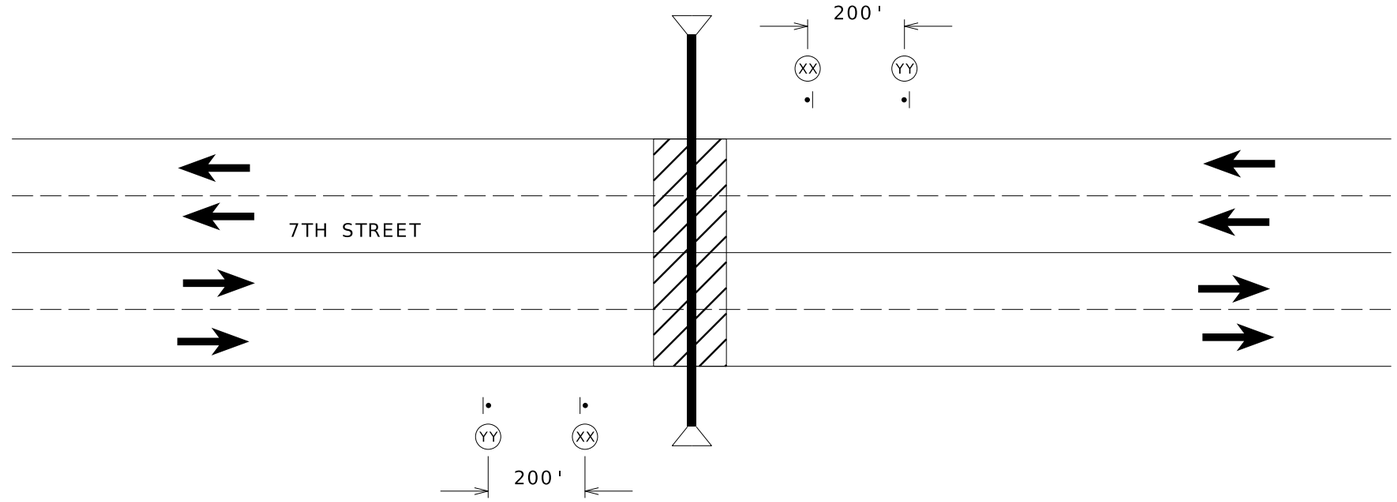
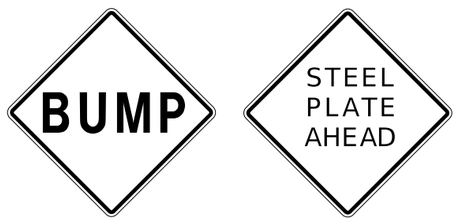
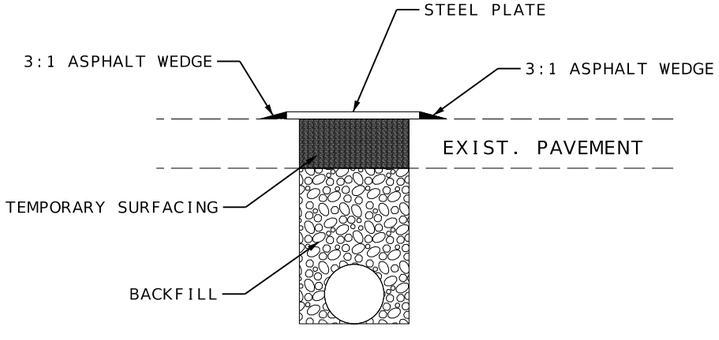
AUTHORITY NO. 001592

TRAFFIC CONTROL
SHEET 14 OF 20

TRAFFIC CONTROL PLAN FOR CROSS ROAD CULVERT INSTALLATION (OPEN TO NORMAL TRAFFIC)







TYPICAL CULVERT INSTALLATION

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

NOT TO SCALE

GENERAL NOTES:

1. PERIMETER OF STEEL PLATE SHALL HAVE A GRADUAL TRANSITION OF 1V:3H. THE GRADUAL TRANSITION MAY BE ACCOMPLISHED BY ASPHALT WEDGING OR A MECHANICAL FASTENER APPROVED BY THE ENGINEER. THE PLATE SHALL HAVE DELINEATION AND BE TREATED FOR SKID RESISTANCE.

2. STEEL PLATE SHALL REMAIN IN PLACE UNTIL PCCP PAVEMENT HAS REACHED 3000 PSI.

3. CROSS ROAD CULVERTS IN THE AREA OF PAVEMENT REPLACEMENT SHALL BE INSTALLED PRIOR TO NEW PAVEMENT. THESE CULVERTS WILL BE BACKFILLED AND PLATED UNTIL THE NEW PAVEMENT REPLACEMENT.

4. THERE WILL BE NO DIRECT PAYMENT FOR THE STEEL PLATE.

5. TEMPORARY SURFACING AS APPROVED BY ENGINEER.

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	121

COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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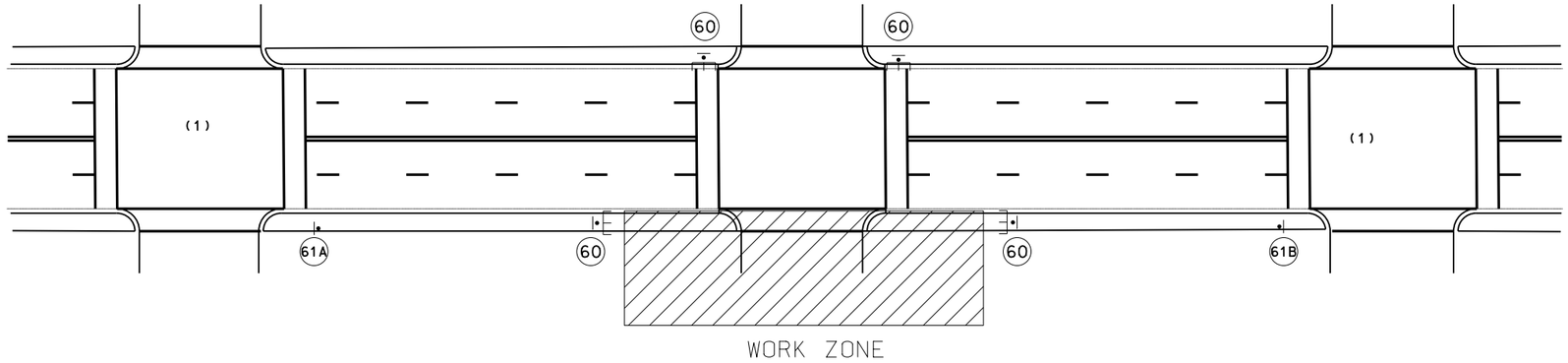
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

TRAFFIC CONTROL SHEET 15 OF 20

CROSSWALK CLOSURE AND PEDESTRIAN DETOUR





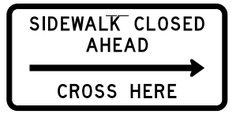
R9-9

60



R9-11L

61A



R9-11R

61B

NOTES:

(1) DETOUR AT THE NEAREST SIGNALIZED CROSSWALK WHERE POSSIBLE

(2) CONTRACTOR SHALL MAINTAIN AN ADA-ACCESSIBLE DETOUR ROUTE FOR PEDESTRIAN AROUND ALL SIDEWALK AND CROSSWALK CLOSURES. THE CONTRACTOR SHALL BE RESTRICTED TO WORK ON ONE SIDE OF THE ROADWAY BETWEEN BLOCKS.

(3) ALL BUSINESSES SHALL REMAIN ACCESSIBLE AT ALL TIMES.

(4) ALL SIGNS MAY BE RELOCATED TO MEED FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	122

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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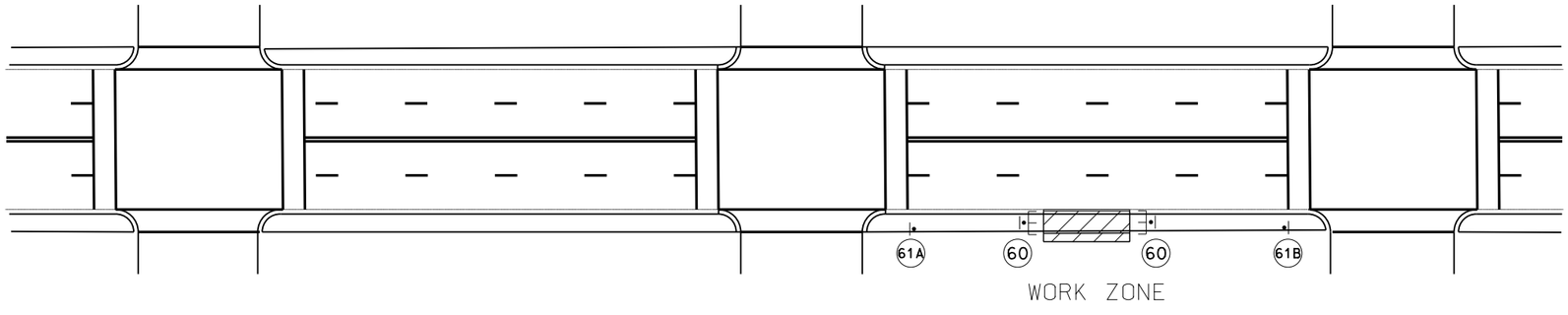
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TRAFFIC CONTROL
SHEET 16 OF 20

SIDEWALK DETOUR AND PEDESTRIAN DETOUR



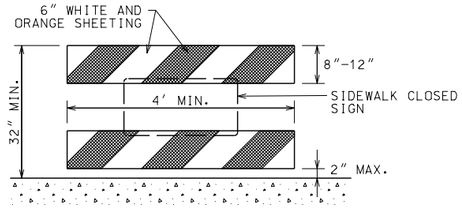






GENERAL NOTES:

1. SIGN SHALL BE PLACED AT NEAREST CROSSWALK STATING SIDEWALK CLOSED.
2. ALL BUSINESSES SHALL REMAIN ACCESSIBLE BY ANOTHER ENTRANCE.
3. ALL SIGNS MAY BE RELOCATED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.



INSTALL DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES AND SIDEWALK CLOSED SIGNS AS DIRECTED BY THE ENGINEER.

WHERE CHANNELIZING DEVICES ARE USED TO CHANNELIZE PEDESTRIANS, THERE SHALL BE CONTINUOUS DETECTABLE BOTTOM AND TOP SURFACES TO BE DETECTABLE TO USERS OF LONG CANES.

DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	123

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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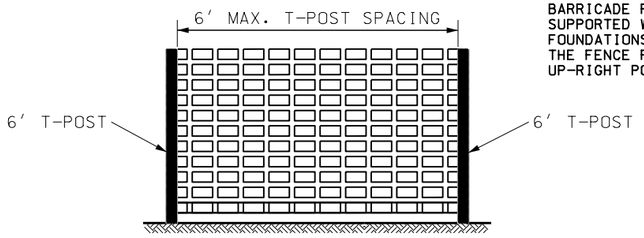
NOTES:

1. NO DIRECT PAYMENT WILL BE MADE FOR ORANGE SAFETY FENCE AS REQUIRED AROUND EXCAVATION OF SIDEWALK & CURB RAMP AREAS.
2. SEE JSP's FOR PEDESTRIAN TRAFFIC DEVICES.
3. WORKING AREAS SHALL BE GUARDED FROM PEDESTRIAN ACCESS BY BARRICADE FENCING 36" TO 48" IN HEIGHT WITH A GAP NO GREATER THAN 6" FROM THE GROUND AND HOLES NO GREATER THAN 4" IN ANY DIRECTION.
4. PEDESTRIAN ACCESS ON SIDEWALK SHALL BE PROVIDED WITH A WIDTH NOT LESS THAN 4' OF SMOOTH STABLE SURFACING ADJACENT TO BARRICADE FENCING FOR ACCESS TO THE MAIN BUILDING.
5. SIDEWALK RAMP CLOSURES FOR RECONSTRUCTION SHALL BE PERFORMED WITH ADA COMPLIANT MOVEABLE BARRICADES. TWO BARRICADES PER PEDESTRIAN APPROACH. ONE SIDEWALK CLOSED SIGN WILL BE PLACED UPON ONE BARRICADE FOR EACH APPROACH, NO MORE THAN ONE 5' SECTION OF SIDEWALK RAMP SHALL BE CLOSED LEADING TO THE MAIN BUILDING AT ANY TIME ADJACENT TO THE WORK AREA.

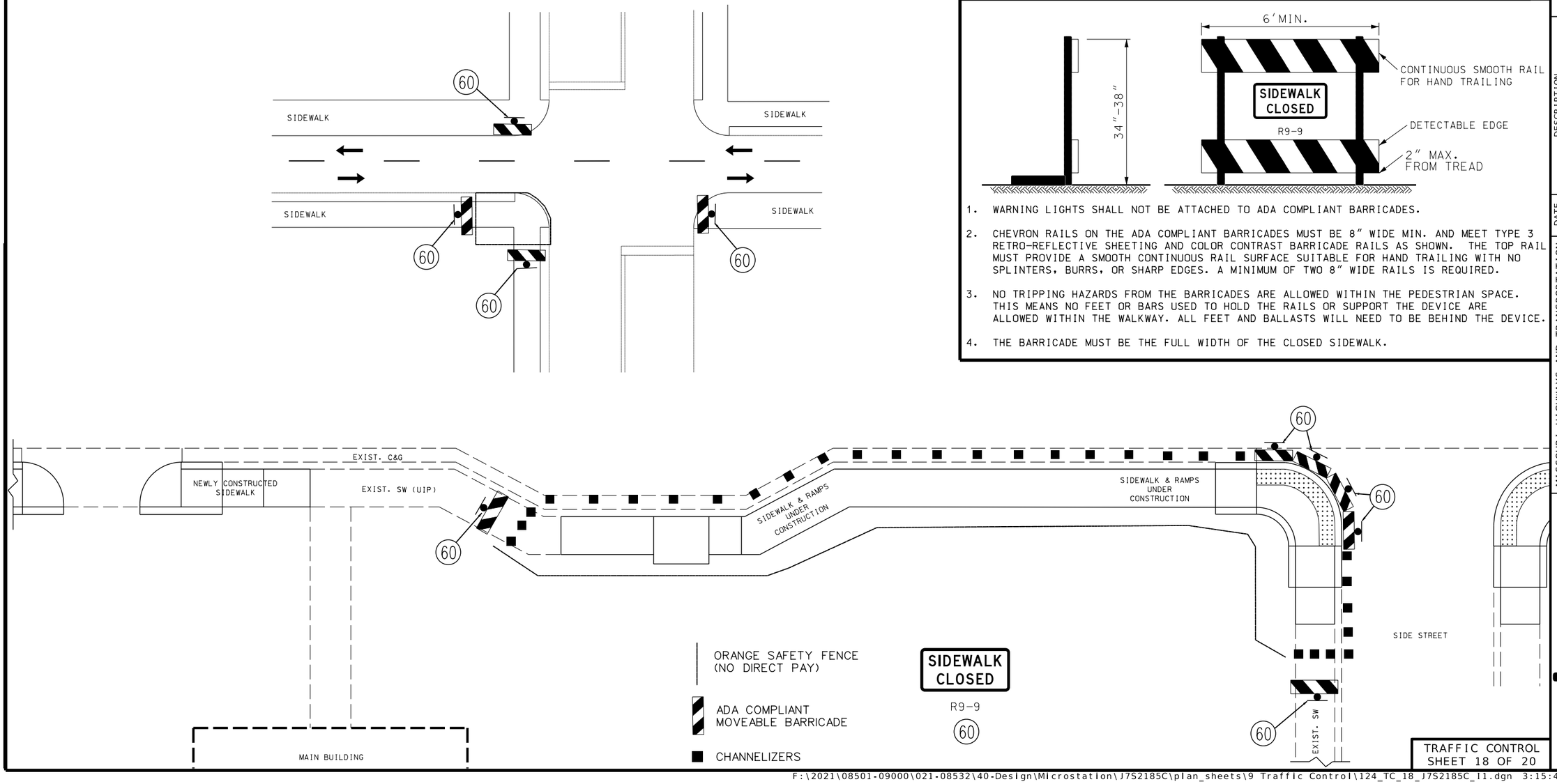
ORANGE PLASTIC SAFETY FENCE



NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST, ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

DUAL-LANE TYPICAL SIDEWALK CLOSURE

NOT TO SCALE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

1. WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
2. CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS IS REQUIRED.
3. NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
4. THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	124

COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

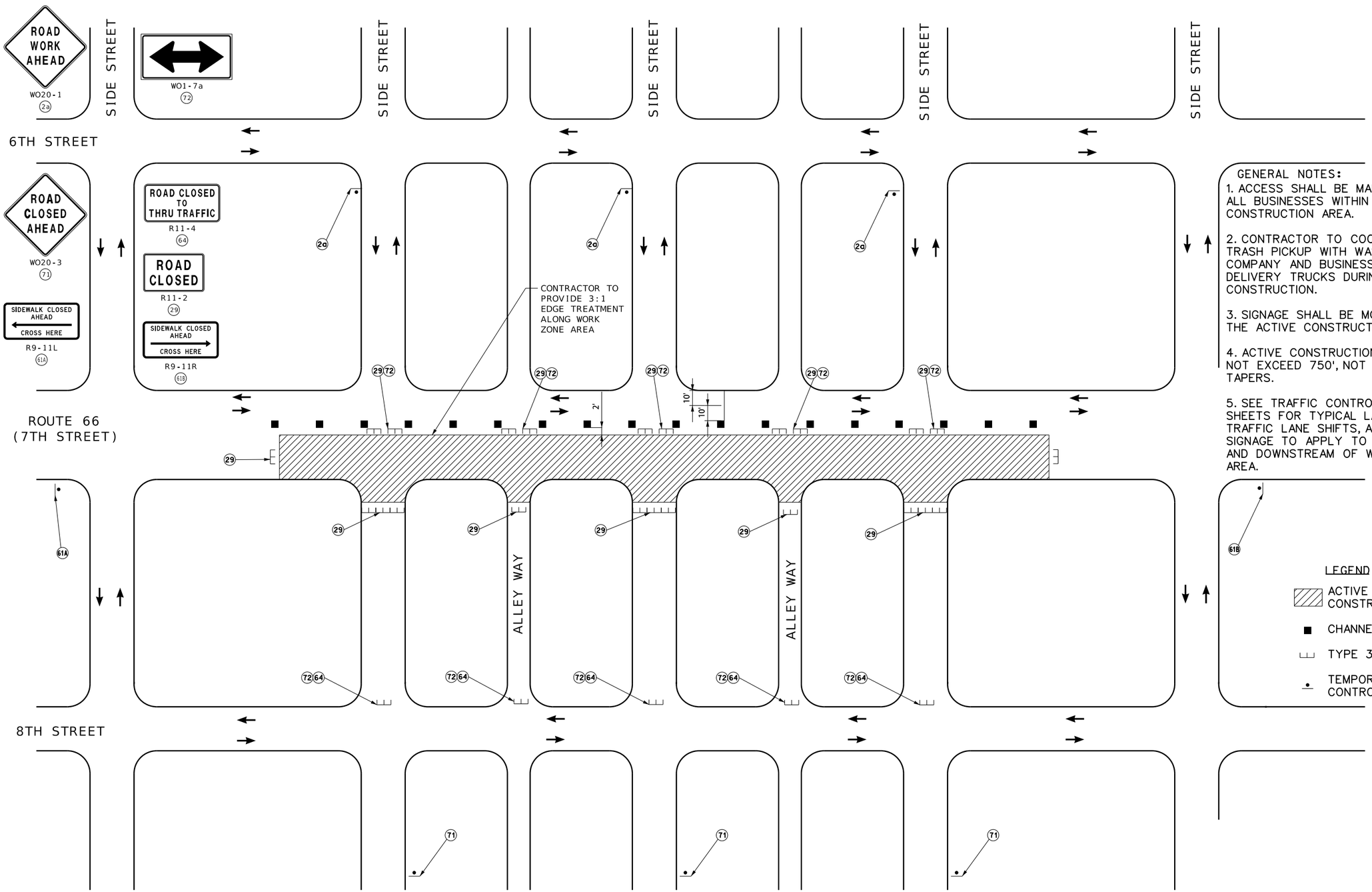
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

TRAFFIC CONTROL
SHEET 18 OF 20

EASTBOUND LANE CLOSURES DETOUR ROUTING (TWO-WAY TRAFFIC)



GENERAL NOTES:

1. ACCESS SHALL BE MAINTAINED TO ALL BUSINESSES WITHIN THE CONSTRUCTION AREA.

2. CONTRACTOR TO COORDINATE TRASH PICKUP WITH WASTE DISPOSAL COMPANY AND BUSINESSES FOR DELIVERY TRUCKS DURING CONSTRUCTION.

3. SIGNAGE SHALL BE MOVED ALONG THE ACTIVE CONSTRUCTION AREA.

4. ACTIVE CONSTRUCTION AREA SHALL NOT EXCEED 750', NOT INCLUDING TAPERS.

5. SEE TRAFFIC CONTROL DETAIL SHEETS FOR TYPICAL LANE CLOSURES, TRAFFIC LANE SHIFTS, AND PEDESTRIAN SIGNAGE TO APPLY TO UPSTREAM AND DOWNSTREAM OF WORK ZONE AREA.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 19 OF 20

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	125

COUNTY: JASPER

JOB NO.: J7S2185C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

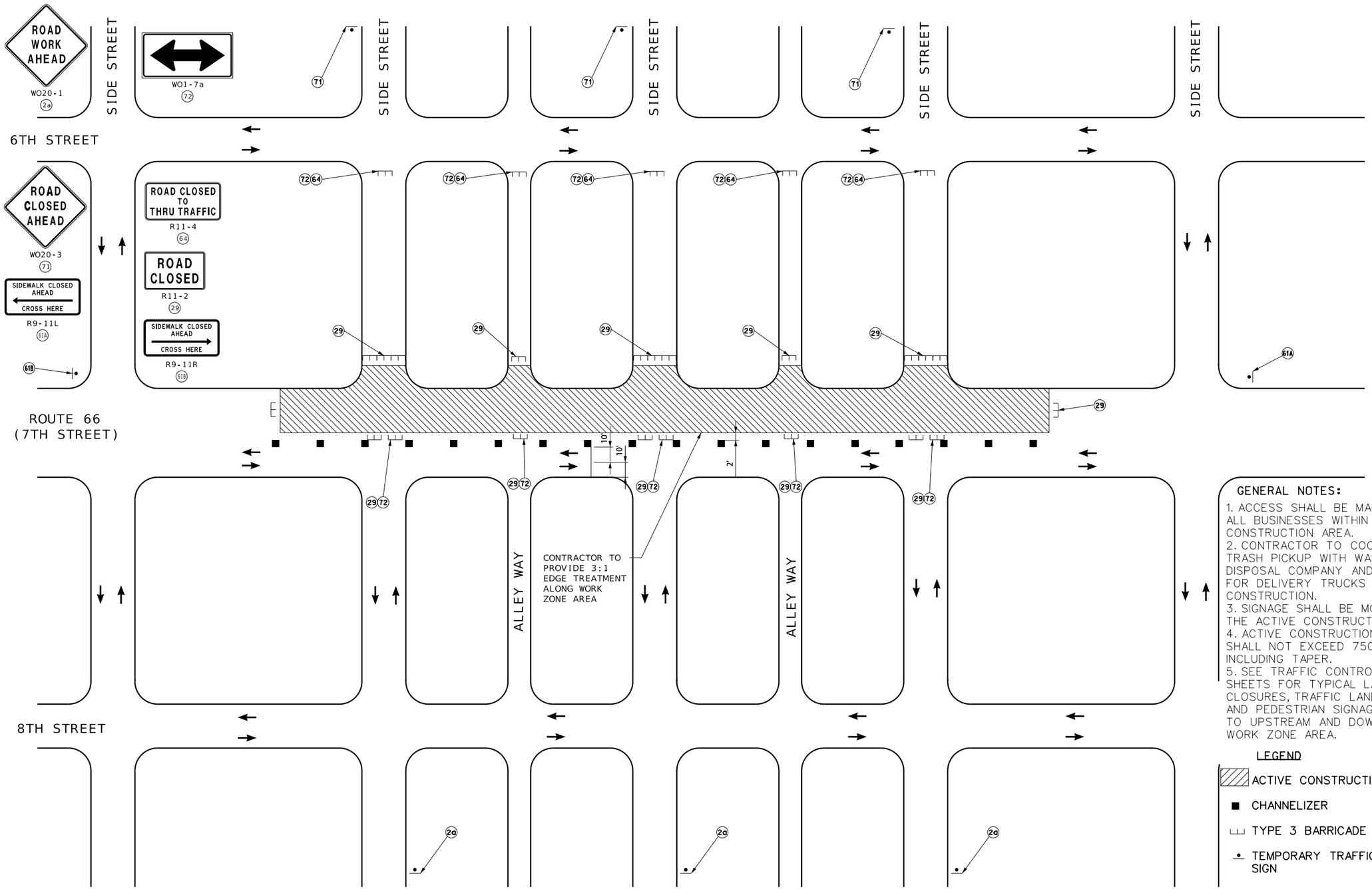
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

WESTBOUND LANE CLOSURES DETOUR ROUTING (TWO-WAY TRAFFIC)



GENERAL NOTES:

1. ACCESS SHALL BE MAINTAINED TO ALL BUSINESSES WITHIN THE CONSTRUCTION AREA.
2. CONTRACTOR TO COORDINATE TRASH PICKUP WITH WASTE DISPOSAL COMPANY AND BUSINESSES FOR DELIVERY TRUCKS DURING CONSTRUCTION.
3. SIGNAGE SHALL BE MOVED ALONG THE ACTIVE CONSTRUCTION AREA.
4. ACTIVE CONSTRUCTION AREA SHALL NOT EXCEED 750', NOT INCLUDING TAPER.
5. SEE TRAFFIC CONTROL DETAIL SHEETS FOR TYPICAL LANE CLOSURES, TRAFFIC LANE SHIFTS, AND PEDESTRIAN SIGNAGE TO APPLY TO UPSTREAM AND DOWNSTREAM OF WORK ZONE AREA.

LEGEND

- ACTIVE CONSTRUCTION AREA
- CHANNELIZER
- TYPE 3 BARRICADE
- TEMPORARY TRAFFIC CONTROL SIGN

NOT TO SCALE

TRAFFIC CONTROL
SHEET 20 OF 20

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	126

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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TEMPORARY EROSION CONTROL LEGEND

C — CURB INLET CHECK

SILT FENCE

EXIST. SEWER AND DRAINAGE ESM'T

EXIST. SEWER, DITCH AND DRAINAGE ESM'T

TEMP. CONST. ESMT.

NEW R/W

EXIST. DRAINAGE DITCH ESM'T

EXIST. COMM. ESM'T

113' SILT FENCE

℄ MAIDEN LAIN

S01°56'20"W

S87°56'40"E

EXIST. ELECTRIC CLEARING ESM'T

EXIST. ELECTRIC CLEARING ESM'T

EXIST. 10' WATER PIPE ESM'T

EXIST. DRAINAGE DITCH ESM'T

NEW R/W

PERM. DRAINAGE ESMT.

107' SILT FENCE

EXIST. WATER PIPE ESM'T

EXIST. R/W

EXIST. R/W

99' SILT FENCE

NEW R/W

EXIST. R/W

43' SILT FENCE

EXIST. ELECTRIC ESM'T

EXIST. ACCESS ESM'T

TEMP. CONST. ESMT.

157' SILT FENCE

255

STA. 255+65.00

MATCHLINE

EXIST. R/W

TEMP. CONST. ESMT.

NEW R/W

21' SILT FENCE

173' SILT FENCE

NEW R/W

72' SILT FENCE

EXIST. R/W

EXIST. R/W

SCALE

0 20 40 60

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 1 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	127

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

- CURB INLET CHECK
- SILT FENCE

MATCHLINE STA. 255+65.00

MATCHLINE STA. 261+05.00

S87°56'40"E

S02°07'49"W

℄ HARLEM AVE.

℄ PORTER AVE.

260

EXIST. R/W

157' SILT FENCE

33' SILT FENCE

PERM. SIDEWALK & UTILITY ESMT.

75' SILT FENCE

PERM. SIDEWALK & UTILITY ESM'T

90' SILT FENCE

NEW R/W

173' SILT FENCE

27' SILT FENCE

23' SILT FENCE

PERM. SIDEWALK & UTILITY ESM'T

PERM. DRAINAGE ESM'T

71' SILT FENCE

SCALE

0 20 40 60

EROSION CONTROL CONSTRUCTION PHASE
SHEET 2 OF 20

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	128

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

C — CURB INLET CHECK

SILT FENCE

MATCHLINE STA. 261+05.00

MATCHLINE STA. 266+45.00

EXIST. R/W

EXIST. R/W

EXIST. R/W

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- SILT FENCE

MATCHLINE STA. 266+45.00

MATCHLINE STA. 271+85.00

℄ PICHER AVE.

℄ MURPHY AVE.

POT STA 269+98.80

S02°00'41"W

S87°56'40"E

S87°50'57"E

S02°03'08"W

S02°00'50"W

EXIST. R/W

TEMP. CONST. ESMT.

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

EXIST. SAN. SEWER ESM'T

82' SILT FENCE

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

124' SILT FENCE

202' SILT FENCE

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

TCE

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

SCALE

0 20 40 60

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 4 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	130

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE
5	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

C — CURB INLET CHECK

SILT FENCE

℄ GRAY AVE.

S01°59'52"W

EXIST. R/W

MATCHLINE STA. 271+85.00

MATCHLINE STA. 277+25.00

124' SILT FENCE

79' SILT FENCE

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

PERM. SIDEWALK & UTILITY ESM'T

5

275

EXIST. R/W

TEMP. CONST. ESMT.

50' SILT FENCE

EXIST. R/W

TEMP. CONST. ESMT.

119' SILT FENCE

71' SILT FENCE

EXIST. R/W

S87°50'57"E

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

EXIST. R/W

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

EXIST. R/W

S01°54'21"W

℄ CHESTNUT AVE.

SCALE

0 20 40 60

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 5 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	131

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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TEMPORARY EROSION CONTROL LEGEND

- CURB INLET CHECK
- SILT FENCE

MATCHLINE STA. 277+25.00

℄ CONNER AVE.

EXIST. R/W

S02°05'52"W

119' SILT FENCE

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

EXIST. INGRESS/ EGRESS EASEMENT

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

EXIST. R/W

POT STA 279+99.60

280

S87°50'57"E

S87°53'20"E

℄ JACKSON AVE.

S01°45'56"W

S02°19'12"W

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

MATCHLINE STA. 282+65.00

S02°05'18"W

SCALE

0 20 40 60

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 6 OF 20

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	132

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

(C) CURB INLET CHECK

SILT FENCE

℄ SERGEANT AVE.

S02°06'09"W

285

S02°06'17"W

S87°53'20"E

MATCHLINE 282+65.00

MATCHLINE 288+05.00

EXIST. R/W

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

SCALE

0 20 40 60

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 7 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	133

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

- CURB INLET CHECK
- SILT FENCE

℄ MOFFET AVE.

S02°03'50"W

MATCHLINE STA. 288+05.00

290

℄ BYERS AVE.

S02°01'19"W

MATCHLINE STA. 293+45.00

S87°53'20"E

S02°08'07"W

S02°10'53"W

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

EXIST. R/W

EXIST. ELECTRIC ESM'T

EXIST. 10' GAS ESMT

42' SILT FENCE

393' SILT FENCE

PERM. DRAINAGE ESMT.

SCALE

0 20 40 60

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 8 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	134

COUNTY JASPER

JOB NO. J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

- CURB INLET CHECK
- SILT FENCE

MATCHLINE STA. 293+45.00

MATCHLINE STA. 298+85.00

295

EXIST. ELECTRIC ESMT.

393' SILT FENCE

EXIST. R/W

NEW R/W

TEMP. CONST. ESMT.

23' SILT FENCE

24' SILT FENCE

TEMP. CONST. ESMT.

NEW R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

℄ WALL AVE

S01°58'35"W

TEMP. CONST. ESMT.

NEW R/W

EXIST. R/W

S87°53'20"E

EXIST. R/W

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

NEW R/W

PERM. SIDEWALK & UTILITY ESMT.

NEW R/W

TEMP. CONST. ESMT.

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

S02°00'33"W

S01°58'35"W

℄ PEARL AVE.

SCALE

0 20 40 60

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 9 OF 20

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED	8/8/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	135
COUNTY	JASPER
JOB NO.	J7S2185C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

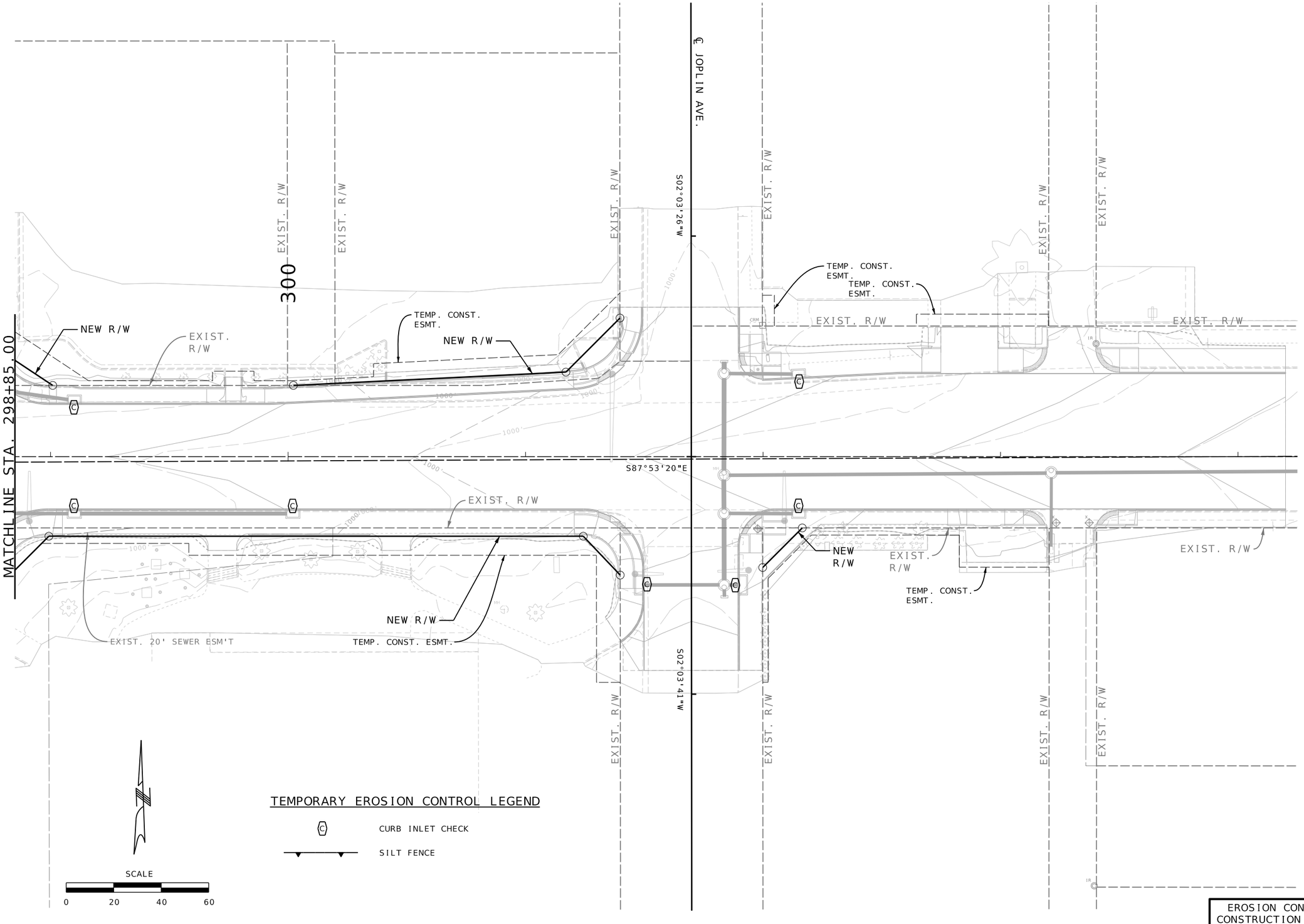
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



TEMPORARY EROSION CONTROL LEGEND

- CURB INLET CHECK
- SILT FENCE

EROSION CONTROL
CONSTRUCTION PHASE
SHEET 10 OF 20

REID BRENNEN CATT
NUMBER
PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	136

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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TEMPORARY EROSION CONTROL LEGEND

SODDING

EXIST. SEWER AND DRAINAGE ESM'T

EXIST. SEWER, DITCH AND DRAINAGE ESM'T

TEMP. CONST. ESMT.

NEW R/W

EXIST. COMM. ESM'T

EXIST. DRAINAGE DITCH ESM'T

66 SQYD SODDING

EXIST. R/W

16 SQYD SODDING

EXIST. ELECTRIC ESM'T

EXIST. ACCESS ESM'T

NEW R/W

EXIST. R/W

35 SQYD SODDING

14 SQYD SODDING

27 SQYD SODDING

TEMP. CONST. ESMT.

255

S01°56'20"W

S87°56'40"E

6 SQYD SODDING

EXIST. ELECTRIC CLEARING ESM'T

EXIST. ELECTRIC CLEARING ESM'T

EXIST. 10' WATER PIPE ESM'T

NEW R/W

PERM. DRAINAGE ESMT.

TEMP. CONST. ESMT.

71 SQYD SODDING

EXIST. DRAINAGE DITCH ESM'T

EXIST. WATER PIPE ESM'T

EXIST. R/W

8 SQYD SODDING

TEMP. CONST. ESMT.

NEW R/W

90 SQYD SODDING

7 SQYD SODDING

NEW R/W

8" CONC. MEDIAN

EXIST. R/W

EXIST. R/W

℄ MAIDEN LANE

MATCHLINE STA. 255+65.00

SCALE

0 20 40 60

EROSION CONTROL
FINAL PHASE
SHEET 11 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	137

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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TEMPORARY EROSION CONTROL LEGEND

SODDING

MATCHLINE STA. 255+65.00

MATCHLINE STA. 261+05.00

EXIST. R/W

TEMP. CONST. ESMT.

27 SQYD SODDING

7 SQYD SODDING

TEMP. CONST. ESMT.

TEMP. CONST. ESMT.

EXIST. R/W

11 SQYD SODDING

PERM. SIDEWALK & UTILITY ESMT.

EXIST. R/W

EXIST. R/W

31 SQYD SODDING

1 SQYD SODDING

TEMP. CONST. ESMT.

41 SQYD SODDING

EXIST. R/W

17 SQYD SODDING

2 SQYD SODDING

11 SQYD SODDING

11 SQYD SODDING

PERM. SIDEWALK & UTILITY ESM'T

TEMP. CONST. ESMT.

260

S02°07'46"W

S87°56'40"E

EXIST. R/W

TEMP. CONST. ESMT.

NEW R/W

90 SQYD SODDING

24 SQYD SODDING

S02°06'07"W

℄ HARLEM AVE.

EXIST. R/W

5 SQYD SODDING

EXIST. R/W

26 SQYD SODDING

PERM. SIDEWALK & UTILITY ESM'T

3 SQYD SODDING

EXIST. R/W

PERM. DRAINAGE ESM'T

TEMP. CONST. ESMT.

16 SQYD SODDING

TEMP. CONST. ESMT.

EXIST. R/W

NEW R/W

115 SQYD SODDING

4 SQYD SODDING

6 SQYD SODDING

3 SQYD SODDING

22 SQYD SODDING

18 SQYD SODDING

S02°50'31"W

℄ PORTER AVE.

SCALE

0 20 40 60

EROSION CONTROL
FINAL PHASE
SHEET 12 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	138

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

SODDING

MATCHLINE STA. 261+05.00

MATCHLINE STA. 266+45.00

17 SQYD SODDING
5 SQYD SODDING
12 SQYD SODDING
PERM. SIDEWALK & UTILITY ESM'T
22 SQYD SODDING
PERM. SIDEWALK & UTILITY ESM'T
8 SQYD SODDING
TEMP. CONST. ESMT.
EXIST. R/W
EXIST. R/W
EXIST. R/W

TEMPORARY EROSION CONTROL LEGEND

SODDING

TEMP. CONST. ESMT.
TEMP. CONST. ESMT.
21 SQYD SODDING
PERM. SIDEWALK & UTILITY ESM'T
PERM. SIDEWALK & UTILITY ESM'T
6 SQYD SODDING
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESM'T
EXIST. SAN. SEWER ESM'T
11 SQYD SODDING
4 SQYD SODDING
13 SQYD SODDING
PERM. SIDEWALK & UTILITY ESM'T
TEMP. CONST. ESMT.
90 SQYD SODDING
41 SQYD SODDING
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
℄ PICHER AVE.
S02°00'41"W
MATCHLINE STA. 266+45.00
MATCHLINE STA. 271+85.00
POT STA 269+98.80
270
5
S87°56'40"E
S87°50'57"E
EXIST. R/W
EXIST. R/W
TCE
PERM. SIDEWALK & UTILITY ESM'T
TEMP. CONST. ESMT.
17 SQYD SODDING
7 SQYD SODDING
11 SQYD SODDING
5 SQYD SODDING
4 SQYD SODDING
9 SQYD SODDING
PERM. SIDEWALK & UTILITY ESM'T
TEMP. CONST. ESMT.
38 SQYD SODDING
33 SQYD SODDING
TEMP. CONST. ESMT.
9 SQYD SODDING
PERM. SIDEWALK & UTILITY ESM'T
17 SQYD SODDING
14 SQYD SODDING
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
S02°03'08"W
S02°00'50"W
℄ PICHER AVE.
℄ MURPHY AVE

SCALE
0 20 40 60

EROSION CONTROL
FINAL PHASE
SHEET 14 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 140
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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TEMPORARY EROSION CONTROL LEGEND

SODDING

MATCHLINE STA. 271+85.00

MATCHLINE STA. 277+25.00

℄ GRAY AVE.

S01°59'52"W

EXIST. R/W

6 SQYD SODDING
45 SQYD SODDING
9 SQYD SODDING
PERM. SIDEWALK & UTILITY ESM'T
TEMP. CONST. ESMT.
41 SQYD SODDING

PERM. SIDEWALK & UTILITY ESM'T
5
5 SQYD SODDING

275

TEMP. CONST. ESMT.
7 SQYD SODDING

TEMP. CONST. ESMT.
33 SQYD SODDING
29 SQYD SODDING
13 SQYD SODDING

S87°50'57"E

8 SQYD SODDING
TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESM'T
14 SQYD SODDING

TEMP. CONST. ESMT.
PERM. SIDEWALK & UTILITY ESM'T
14 SQYD SODDING
7 SQYD SODDING

S01°54'21"W

℄ CHESTNUT AVE.

PERM. SIDEWALK & UTILITY ESM'T
5 SQYD SODDING
8 SQYD SODDING
TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T
TEMP. CONST. ESMT.
27 SQYD SODDING

SCALE
0 20 40 60

EROSION CONTROL
FINAL PHASE
SHEET 15 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	141

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

SODDING

SCALE 0 20 40 60

℄ CONNER AVE.

S02°05'52"W

EXIST. R/W

EXIST. R/W

57 SQYD SODDING

6 SQYD SODDING

15 SQYD SODDING

29 SQYD SODDING

8 SQYD SODDING

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

EXIST. INGRESS/ EGRESS EASEMENT

PERM. SIDEWALK & UTILITY ESM'T

5

TEMP. CONST. ESMT.

EXIST. R/W

EXIST. R/W

280

EXIST. R/W

POT STA 279+99.60

℄ JACKSON AVE.

S01°45'56"W

EXIST. R/W

EXIST. R/W

22 SQYD SODDING

1 SQYD SODDING

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

6 SQYD SODDING

17 SQYD SODDING

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

EXIST. R/W

11 SQYD SODDING

MATCHLINE STA. 277+25.00

MATCHLINE STA. 282+65.00

S87°50'57"E

S87°53'20"E

EXIST. R/W

PERM. SIDEWALK & UTILITY ESM'T

10 SQYD SODDING

27 SQYD SODDING

14 SQYD SODDING

EXIST. R/W

S02°05'18"W

℄ CONNER AVE.

EXIST. R/W

TEMP. CONST. ESMT.

7 SQYD SODDING

7 SQYD SODDING

16 SQYD SODDING

EXIST. R/W

PERM. SIDEWALK & UTILITY ESM'T

EXIST. R/W

EXIST. R/W

EXIST. R/W

TEMP. CONST. ESMT.

12 SQYD SODDING

PERM. SIDEWALK & UTILITY ESM'T

4 SQYD SODDING

EXIST. R/W

S02°19'12"W

EXIST. R/W

4 SQYD SODDING

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESM'T

5 SQYD SODDING

EROSION CONTROL
FINAL PHASE
SHEET 16 OF 20

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED 8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	142

COUNTY JASPER

JOB NO. J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

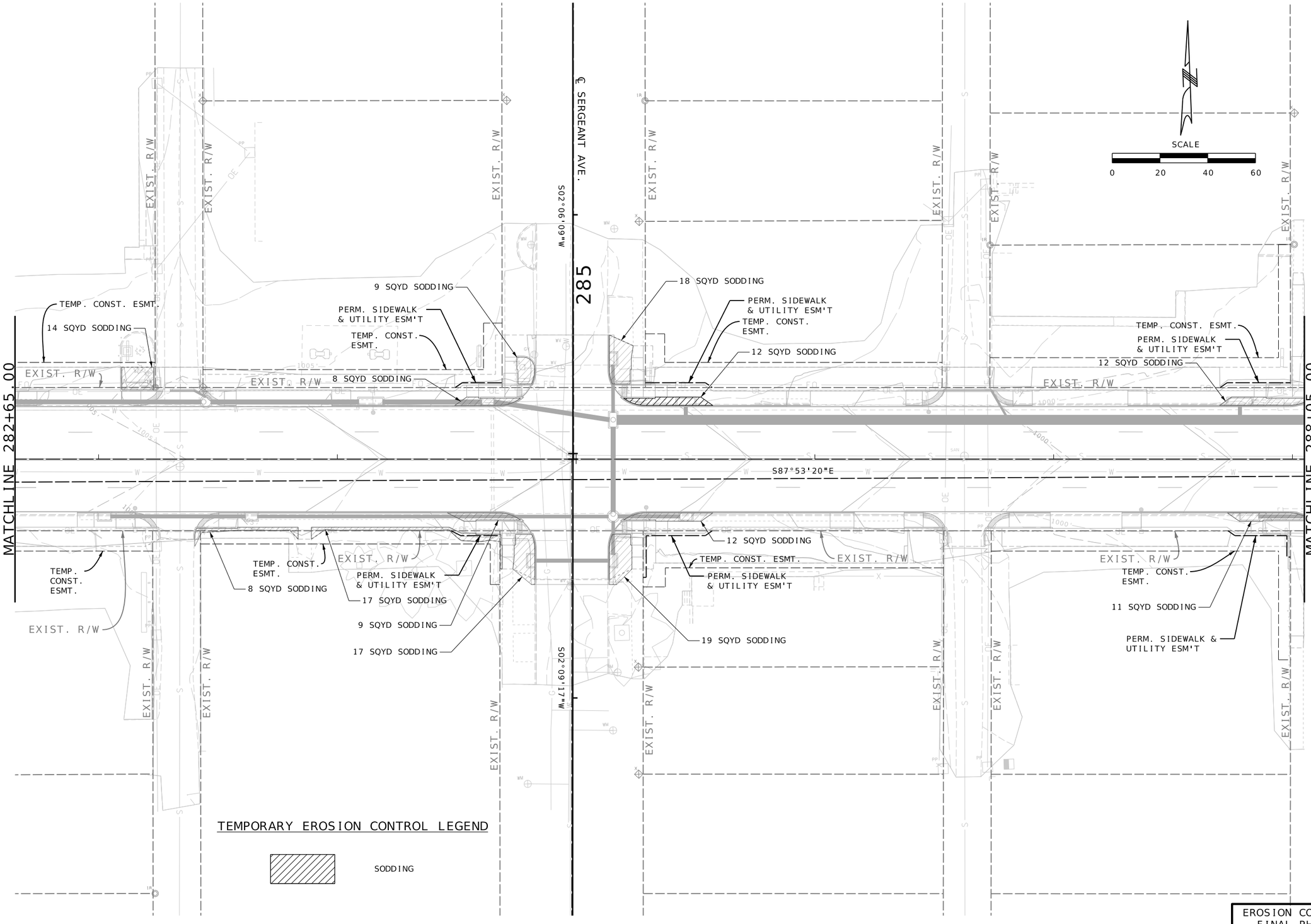
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



EROSION CONTROL
FINAL PHASE
SHEET 17 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	143

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

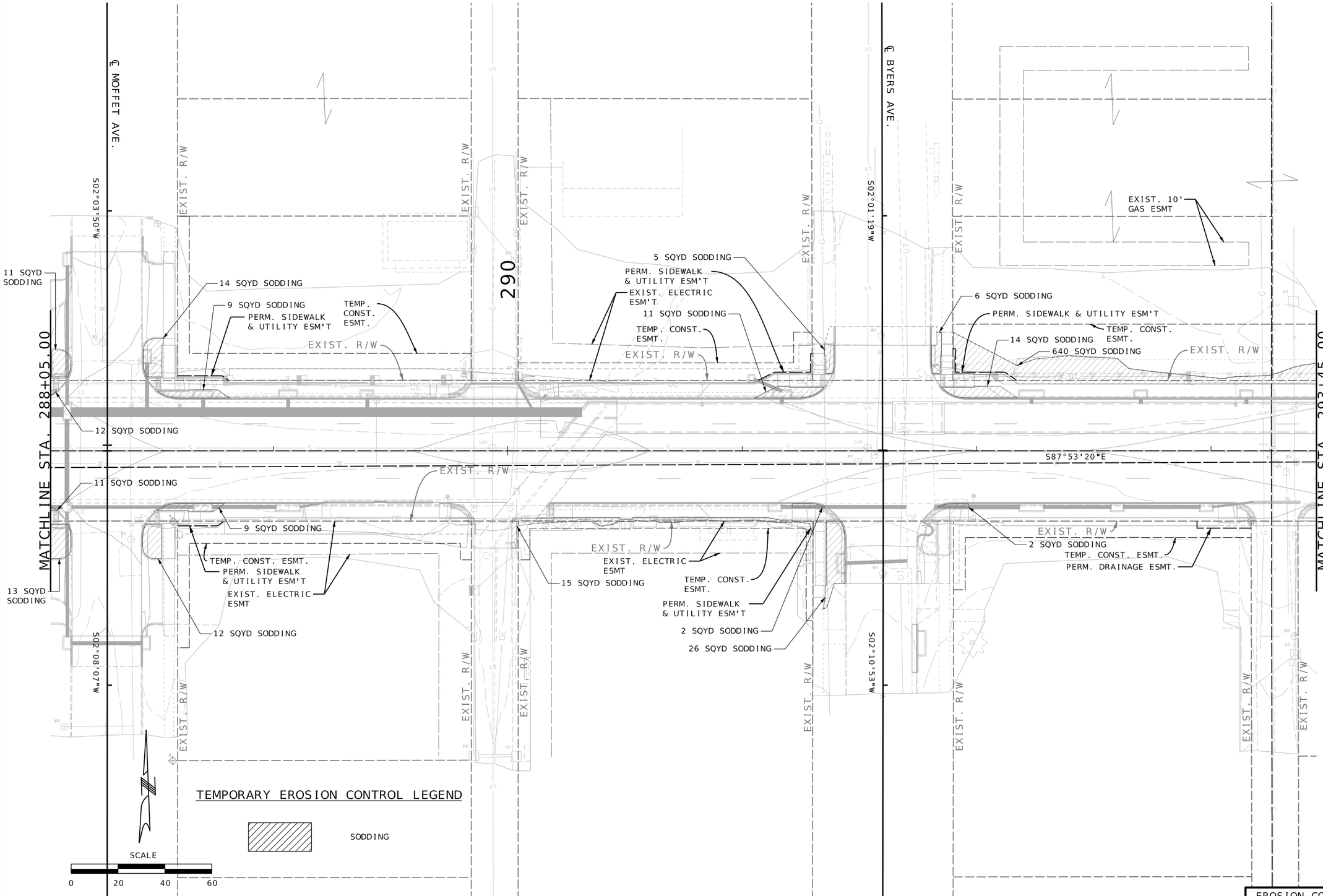
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



EROSION CONTROL
FINAL PHASE
SHEET 18 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	144

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

SODDING

MATCHLINE STA. 293+45.00

MATCHLINE STA. 298+85.00

640 SQYD SODDING

EXIST. ELECTRIC ESMT.

NEW R/W

TEMP. CONST. ESMT.

EXIST. R/W

295

EXIST. R/W

EXIST. R/W

EXIST. R/W

℄ WALL AVE.

TEMP. CONST. ESMT.

NEW R/W

TEMP. CONST. ESMT.

EXIST. R/W

NEW R/W

S01°58'35"W

S87°53'20"E

NEW R/W

8 SQYD SODDING

EXIST. R/W

TEMP. CONST. ESMT.

PERM. SIDEWALK & UTILITY ESMT.

10 SQYD SODDING

PERM. SIDEWALK & UTILITY ESMT.

EXIST. R/W

10 SQYD SODDING

TEMP. CONST. ESMT.

NEW R/W

10 SQYD SODDING

PERM. SIDEWALK & UTILITY ESMT.

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

S02°00'33"W

S01°58'35"W

NEW R/W

20 SQYD SODDING

TEMP. CONST. ESMT.

℄ PEARL AVE.

SCALE

0 20 40 60

EROSION CONTROL
FINAL PHASE
SHEET 19 OF 20

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	145

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

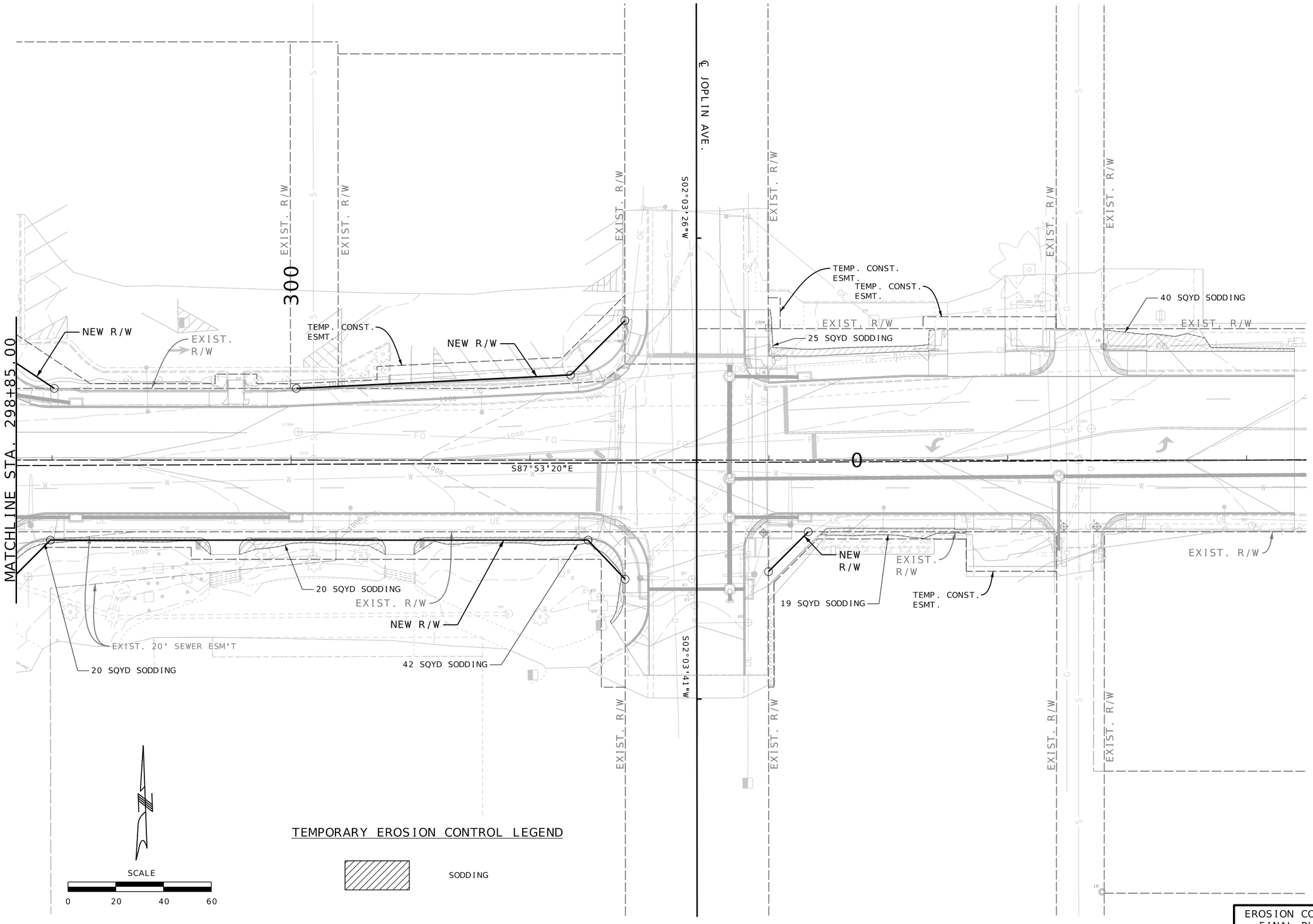
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	146

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

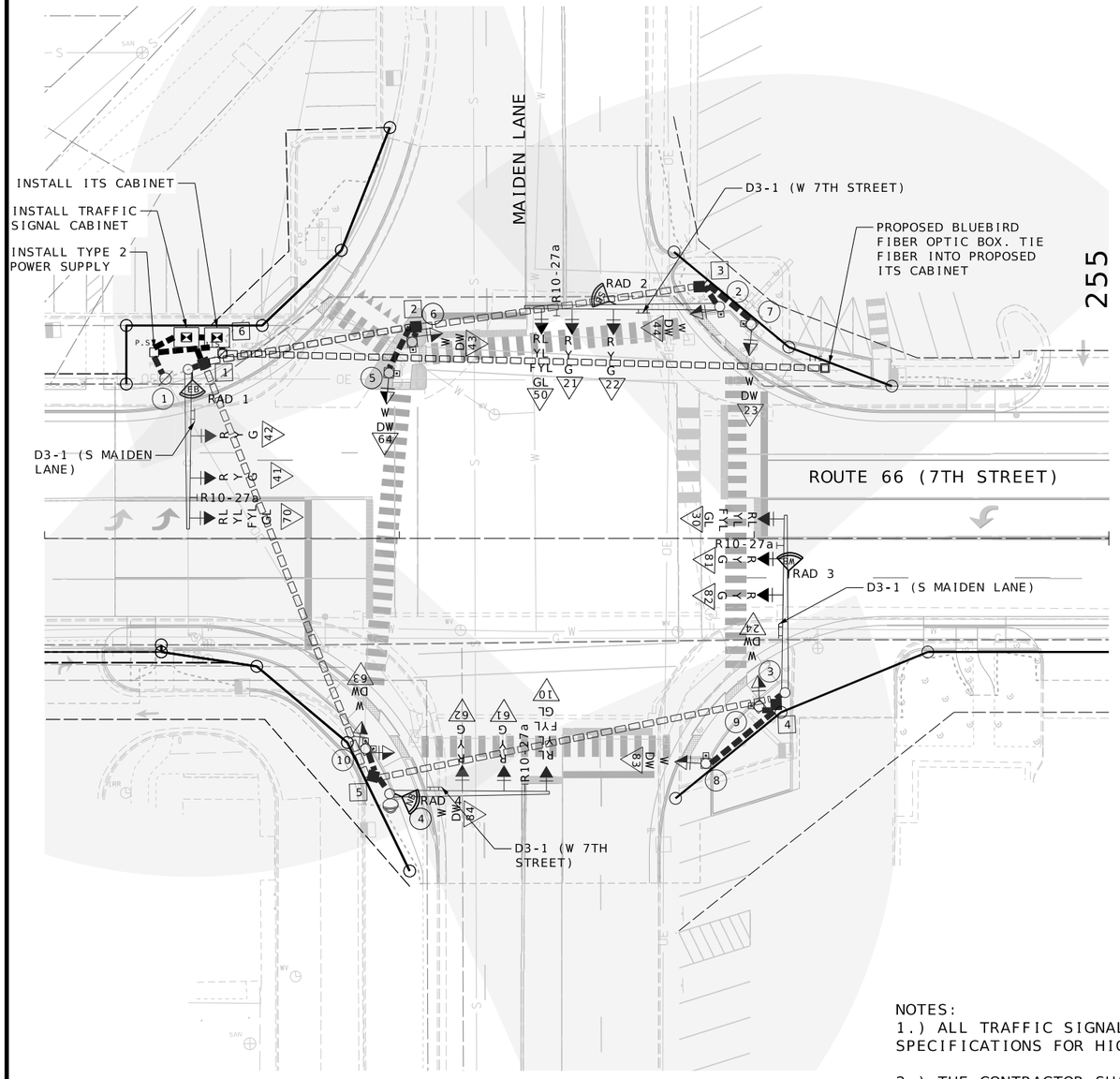
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

EROSION CONTROL
FINAL PHASE
SHEET 20 OF 20



TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT MEDIAN	MAST ARM - TYPE A BASE
CONTROLLER (EXISTING)	RADAR DETECTOR	CONDUIT PUSHED	MAST ARM - TYPE C BASE
JUNCTION BOX	PUSH BUTTON DETECTOR	CONDUIT BRIDGE	MAST ARM - TYPE F BASE
POWER SUPPLY	PREFORMED PULL BOX TYPE 1	CONDUIT EXISTING	
WOOD POST	PREFORMED PULL BOX TYPE 2	CONDUIT TRENCHED	
SIGNAL HEAD (OPT LIM CONV)	CONCRETE PULL BOX TYPE 1		
SIGNAL HEAD (OPT LIM)	CONCRETE PULL BOX TYPE 2		
SIGNAL HEAD (PEDESTRIAN)	ITS PULL BOX TYPE 2		
SIGNAL HEAD (STANDARD)	ITS PULL BOX TYPE 5		
	RADAR DETECTION ZONE		

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
GL	GREEN LEFT ARROW
S	STRAIGHT GREEN ARROW
RR	RIGHT RED ARROW
YR	YELLOW RIGHT ARROW
GR	GREEN RIGHT ARROW

ALL 12" LENS WITH TUNNEL VISOR

SCALE
0 20 40 60

MAIDEN LANE & ROUTE 66

NOTES:
1.) ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 902 (TRAFFIC SIGNALS), UNLESS OTHERWISE NOTED.

2.) THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.

3.) CONDUITS UNDER ANY NEW PAVEMENT SHALL EITHER BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION OR BORED FOLLOWING PAVEMENT CONSTRUCTION. CONDUITS UNDER ANY EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.

4.) CONDUIT, PULL BOXES, AND POLE BASES SHALL MAINTAIN AT LEAST 4' SETBACK FROM NEW GUARDRAIL OR CONCRETE BARRIER.

5.) CONTROLLER CABINET DOOR MUST OPEN AWAY FROM INTERSECTION.

6.) CONTRACTOR SHALL COORDINATE WITH POLE MANUFACTURER FOR BASE DESIGN COMPLIANCE PER MoDOT REQUIREMENTS. STANDARD SPECIFICATIONS: 1.92.2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SEALED BY A REGISTERED PROFESSIONAL ENGINEER FROM THE MANUFACTURER TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO THE START OF FABRICATION. IF APPLICABLE PRE-APPROVED DRAWINGS MAY BE UTILIZED FOR PURCHASING AND SUPPLYING THE POLES.

SIGNAL PLAN
SHEET 1 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 147
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION: APPROACH	STATION	OFFSET	BASE: A 9	A 9.5	A 10	A 10.5	A 11	A 12	F 9	F 9.5	F 10	F 10.5	F 11	F 12	C	CONCRETE** (CU.YDS.)	PULL BOX: PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	CONCRETE STANDARD	CONCRETE DOUBLE, TYPE A	CONCRETE DOUBLE, TYPE B	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C	POST (SEE GENERAL NOTE 2): TOP MOUNT POST 8 FT.	TOP MOUNT POST 15 FT.	TYPE C & CL: ARM LENGTH 45	50	55	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'	TYPE B & BL: ARM LENGTH	LEFT ARM E: SIGNAL SPACING E	K	E	K	SIGN SPACING K	F	G	H	H'	RIGHT ARM K: SIGNAL SPACING F	G	H	H'	SIGN SPACING F	G	H	H'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
CONT.		7TH STREET	252+51.70	57.27' LT														1.31																																																
ITS CON		7TH STREET	252+51.71	57.27' LT														1.31																																																
1		7TH STREET	252+40.49	47.64' LT										1				2.75														1				19	12	11		12	26																																																
2		7TH STREET	253+90.33	65.31' LT										1				2.75																1			30	12	9		22	26																																															
3		7TH STREET	254+08.73	43.44' RT										1				2.75															1			28	10	11		15	31																																															
4		7TH STREET	252+97.30	71.96' RT										1				2.75														1				20	12	12		14	26																																															
5		7TH STREET	252+97.09	46.64' LT													1	0.44												1																																																																			
6		7TH STREET	253+03.64	55.34" LT													1	0.44												1																																																																
7		7TH STREET	253+99.21	60.28' LT													1	0.44												1																																																																
8		7TH STREET	253+86.45	63.40' RT													1	0.44												1																																																																
9		7TH STREET	253+95.08	53.84' RT													1	0.44												1																																																																
10		7TH STREET	252+90.51	59.27' RT													1	0.44												1																																																																
	1	7TH STREET	252+54.08	52.93' LT																				1		1				1																																																																
	2	7TH STREET	253+04.65	59.64' LT																				1						1																																																															
	3	7TH STREET	253+84.56	70.95' LT																				1						1																																																															
	4	7TH STREET	254+06.26	46.79' RT																				1						1																																																															
	5	7TH STREET	252+92.66	67.03' RT																				1						1																																																															
	6	7TH STREET	252+92.66	67.03' RT															SEE MISC. BID ITEMS																																																																																				
				SUBTOTAL														16.26					4	1						6		2	1	1																																																																							
				TOTAL														16.30					4	1						6		2	1	1																																																																							

SIGNAL HEADS

| SPAN NUMBER | POST NUMBER | FACE NUMBER | LUMINAIRE LED TYPE A | INDICATIONS* 12" LENS CONVENTIONAL R | RL | Y | YL | YRt | FYL | G | GL | S | (1) PED. | 12" LENS OPTICALLY LIMITING R | Y | YL | YRt | FYL | FYR | G | S | L | Rt | VISORS* 12" LENS | (1) PED. | LOUVERS* A | B | C | D | E | F | BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | RETROREFLECTIVE BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | BRACKET* TYPE I | II | III | ONE-FACE SECTION 1- T | S | C | B | 3- T | S | C | B | 4- T | S | C | B | 5- T | S | C | B | TWO-FACE SECTION 11- T | S | C | B | 33- T | S | C | B | 34- S | B | 35- S | B | 44- S | B | 45- S | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH		PUSHED			MEDIAN			ON STRUCTURE		REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"	
Ø	P.S.	9			17										
P.S.	CONT	12			20										
P.S.	ITS CONT	23			31										
CONT	BOX 1	4				14									2-4" CONDUIT
BOX 1	BOX 2	60						58							
BOX 1	BOX 5	129							127						
BOX 2	BOX 3	81							79						
BOX 5	BOX 4	116							114						
BOX 1	POLE 1	15			18										
BOX 2	POLE 5	15						18							
BOX 2	POLE 6	5						8							
BOX 3	POLE 2	9			12										
BOX 3	POLE 7	19			22										
BOX 4	POLE 3	4			7										
BOX 4	POLE 8	28			31										
BOX 4	POLE 9	15			18										
BOX 5	POLE 4	8			11										
BOX 5	POLE 10	9			12										
ITS BOX	BOX 6	168						166							INSTALL TO BLUEBIRD FIBER OPTIC BOX
BOX 6	ITS CONT	5			13										
CONT	ITS CONT	5			13										
				-											
SUBTOTALS					225	14		250	320						
TOTALS					225	14		250	320						

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				*FIBER	POWER	DETECTION				CCTV CABLE	REMARKS
			1c-#2	1c-#8	2c #16	5c #16	7c #16	3c #16	12CT SM (EXISTING)	1c #6	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	VIDEO CABLE	RADAR CABLE		
Ø	CONT	21	111							37						
P.S.	ITS CONT	23	117							39						
CONT	70	19					102			19						
42	41	12					12									
CONT	42	19					79									
CONT	50	154					251			150						
22	21	12					12									
CONT	22	154					231									
CONT	44	154				190										
CONT	30	253					349			249						
82	81	10					10									
CONT	82	253					328									
CONT	10	141					226			8						
62	61	12					12									
CONT	62	141					202									
CONT	64	79				109				15						
CONT	43	69				99				5						
CONT	23	164				200				19						
CONT	83	277				313				28						
CONT	24	264				300				15						
CONT	63	142				172				9						
CONT	84	142				172										
CONT	PB 23	264			299											
CONT	PB 24	164			199											
CONT	PB 43	154			189											
CONT	PB 44	69			98											
CONT	PB 63	79			108											
CONT	PB 64	142			171											
CONT	PB 83	142			171											
CONT	PB 84	277			312											
CONT	RAD 1	19								96						
CONT	RAD 2	154								251						
CONT	RAD 3	253								354						
CONT	RAD 4	141								222						
CONT	CCTV	141													174	
ITS BOX	ITS CONT	173							190							SEE NOTE 1 BELOW
SUBTOTALS			228		1547	1555	1814		190*	593				923	174	
TOTALS			230		1550	1560	1820		190*	600				930	180	

NOTES:
1.) CONTRACTOR SHALL PUT EXISTING SLACK OF EXISTING MoDOT 12 COUNT SINGLE MODE FIBER OPTIC CABLE FROM BLUEBIRD CONDUIT NETWORK THROUGH NEW 3" CONDUIT SYSTEM TO SPLICE LOCATION INSIDE OF ITS CABINET. CUT AND SPLICE FIBER OPTIC CABLE IN FIBER DISTRIBUTION UNIT. *NO DIRECT PAY

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 149
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

D-37B
SIGNAL PLAN
SHEET 3 OF 30

INTERSECTION MAIDEN LANE & ROUTE 66

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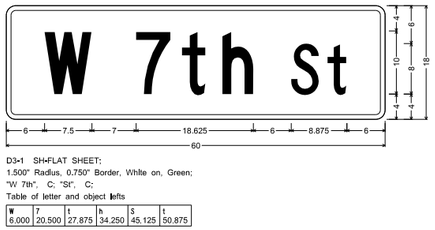
EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE 66	252+34.11	45.04' LT	Type 2		15 Amps	40 Amps	Amps	Amps		Amps	Cl. Ft.	LIBERTY
			Type		15 Amps	40 Amps	Amps	Amps		Amps	Cl. Ft.	

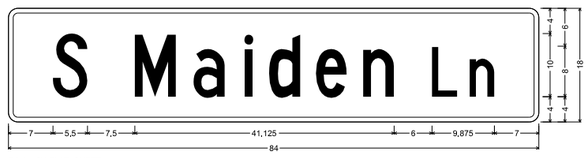
CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *		UNINTERRUPTIBLE POWER SUPPLY
									12C/7C HARDWIRE		TIME BASE	CLOSED LOOP										902-99.02
APPROACH	STATION	OFFSET	NEMA	170	2070	170	I	II	MASTER	LOCAL		NEMA	170	FIBER		E	EV	DOUBLE	332	336S	OMNIeX	WAPITI	
ROUTE 66	252+52.16	56.38' LT.			1														1		1		1
ROUTE 66	252+48.63	56.60' LT.												1					1				



D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"W 7th", C; "St", C;
Table of letter and object lefts

W	7	t	h	S	t
6.000	20.500	27.875	34.250	45.125	50.875



D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"S Maiden", C; "Ln", C;
Table of letter and object lefts

S	M	a	i	d	e	n	L	n
7.000	20.000	29.250	37.375	41.250	48.750	56.125	67.125	73.000

SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA	SIGNAL SIGN MOUNTING HARDWARE
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	R3-4	36 X 36	9.0		
	R10-5	24 X 30	5.0		
	R10-12	24 X 30	5.0		
2	D3-1 (W 7TH ST)	60 X 18	7.5	15.0	2
2	D3-1 (S MAIDEN LN)	84 X 18	10.5	21.0	2
4	R10-3E (L)	9 X 15	0.9	3.6	4
4	R10-3E (R)	9 X 15	0.9	3.6	4
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
4	R10-27A	30 X 36	7.5	30.0	4
	R10-15R	30 X 36	7.5		
			SUBTOTAL	73.2	16
			TOTAL	73.2	16

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		APS PUSH BUTTON	INDUCTION LOOP (2)			RADAR (1)
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
10/61/62	SB APPROACH					1
30/81/82	EB APPROACH					1
50/21/22	NB APPROACH					1
70/41/42	WB APPROACH					1
PED 63	POLE 5	1				
PED 44	POLE 6	1				
PED 43	POLE 3	1				
PED 24	POLE 7	1				
PED 23	POLE 9	1				
PED 84	POLE 8	1				
PED 83	POLE 10	1				
PED 64	POLE 10	1				
	TOTAL	8				

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

(1) NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONES. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.

(2) ALL PUSH BUTTONS SHALL BE APS AND UTILIZE A 2-WIRE CONTROL SYSTEM WITH CONTROL UNIT IN THE CABINET.

(3) CONTROL UNIT SHALL OPERATE IN MODE G. COMPACT MODE FOR FLASHING YELLOW ARROW.

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES	(SUBSIDIARY)	18
PULL BOX, CONCRETE, STANDARD	EACH	1
RADAR DETECTION SYSTEM	EACH	1

2070 OUTPUT FILE ASSIGNMENTS

FR1	10 RL YL FYL	21, 22 R Y G	10 23, 24 DW L 23, 24 W	30 RL YL FYL	41, 42 R Y G	30 43, 44 DW L 43, 44 W	MONITOR
FR2							
FR3	50 RL YL FYL	61, 62 R Y G	50 63, 64 DW L 63, 64 W	70 RL YL FYL	81, 82 R Y G	70 83, 84 DW L 83, 84 W	
FR4							

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U	10	21			30	41					UPS	P2	P6	FLASH SENSE
	L		22				42					UPS	P4	P8	STOP TIME
"J"	U	50	61			70	81								
	L		62				82								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = 12

MAIDEN LANE & ROUTE 66
INTERSECTION

D-37C
SIGNAL PLAN
SHEET 4 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	150

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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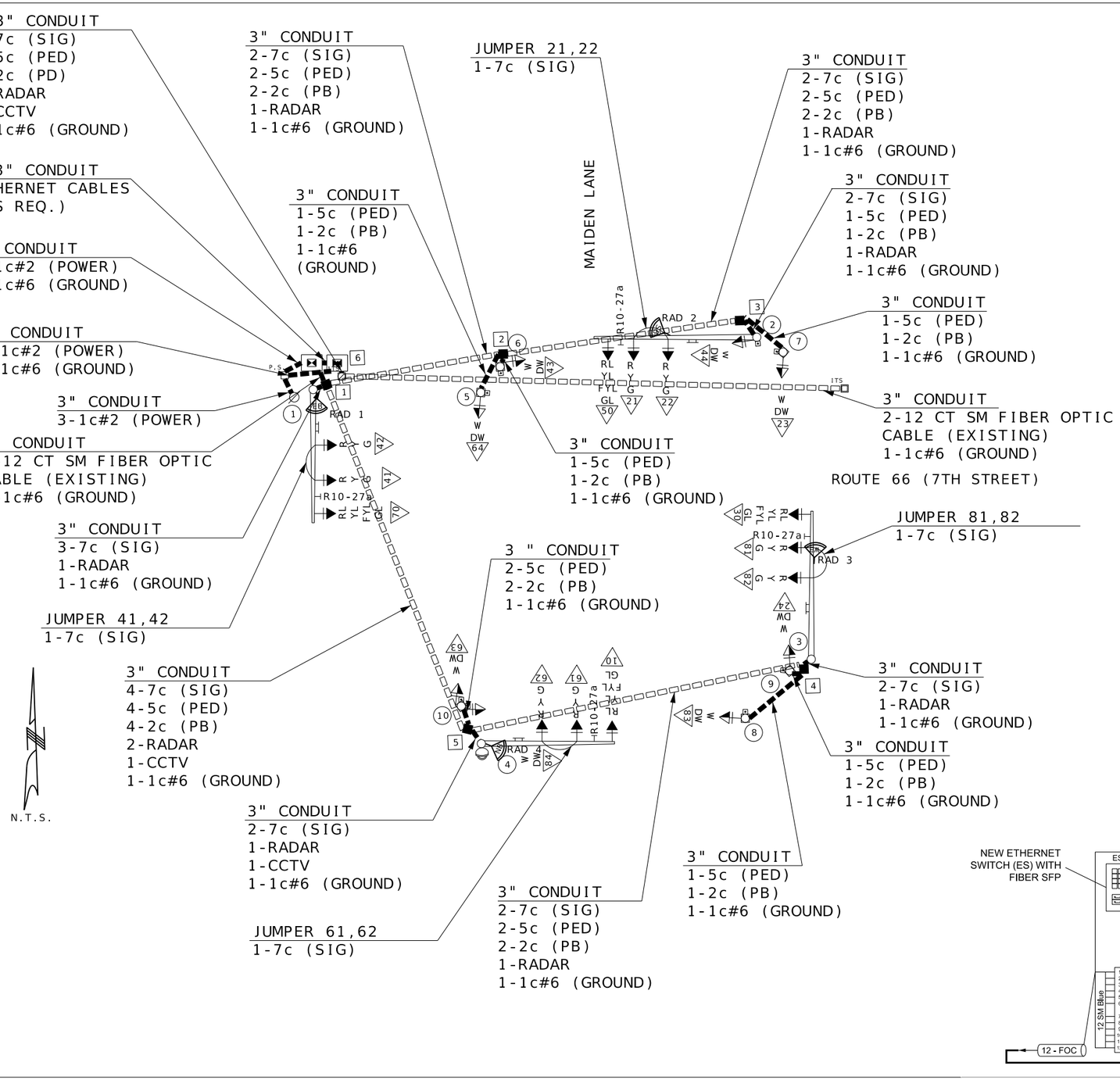
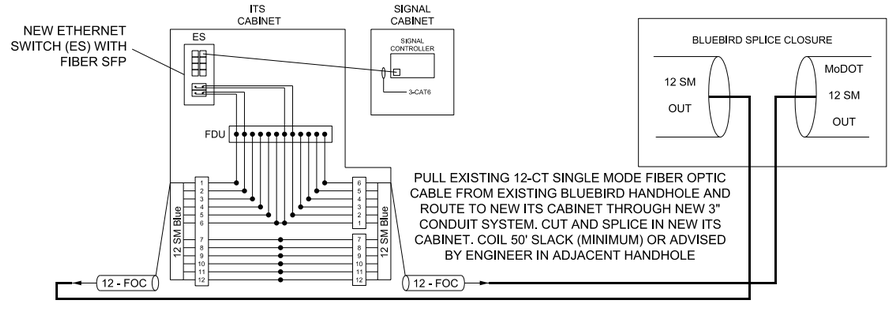
WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
(X)	POST WITH NUMBER
(X)	POST WITH MAST ARM
(X)	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
— X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER



MAIDEN LANE & ROUTE 66

INTERSECTION

D-37D

SIGNAL PLAN
SHEET 5 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	151

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
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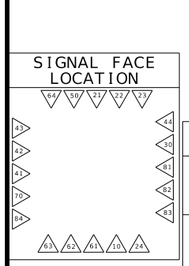
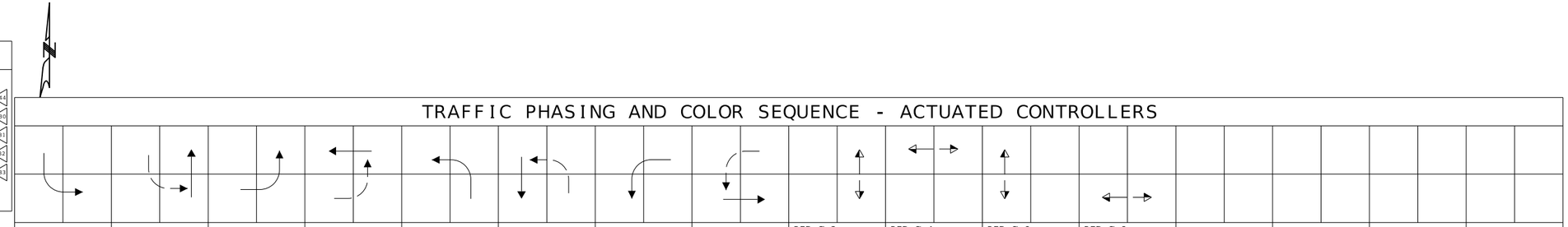
EFFECTIVE 12/01/2017

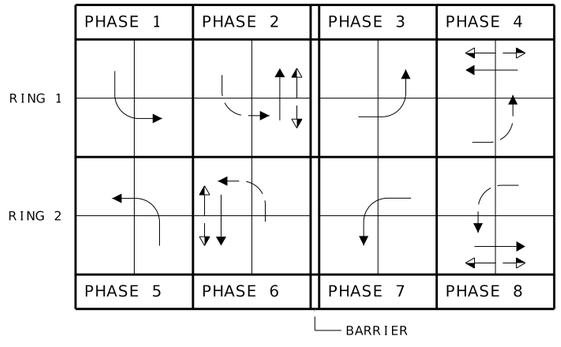
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS	10	21 22	30	41 42	50	61 62	70	81 82	23 24	43 44	63 64	83 84	FACE NUMBERS
SIGNAL INDICATIONS R	RL	R R	RL	R R	RL	R R	RL	R R	DW DW	DW DW	DW DW	DW DW	R
SIGNAL INDICATIONS Y	YL	Y Y	YL	Y Y	YL	Y Y	YL	Y Y	FDW FDW	FDW FDW	FDW FDW	FDW FDW	Y
SIGNAL INDICATIONS FYA	FYL		FYL		FYL		FYL						FYA
SIGNAL INDICATIONS G	GL	G G	GL	G G	GL	G G	GL	G G	W W	W W	W W	W W	G
DETECTOR ASSIGNMENTS	10	21 22	30	41 42	50	61 62	70	81 82					DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)									PB 24 PB 23	PB 44 PB 43	PB 64 PB 63	PB 84 PB 83	
OVERLAP PARENT PHASES													



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL MOVEMENTS	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

MAIDEN LANE & ROUTE 66

D-38A

SIGNAL PLAN
SHEET 6 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	152

COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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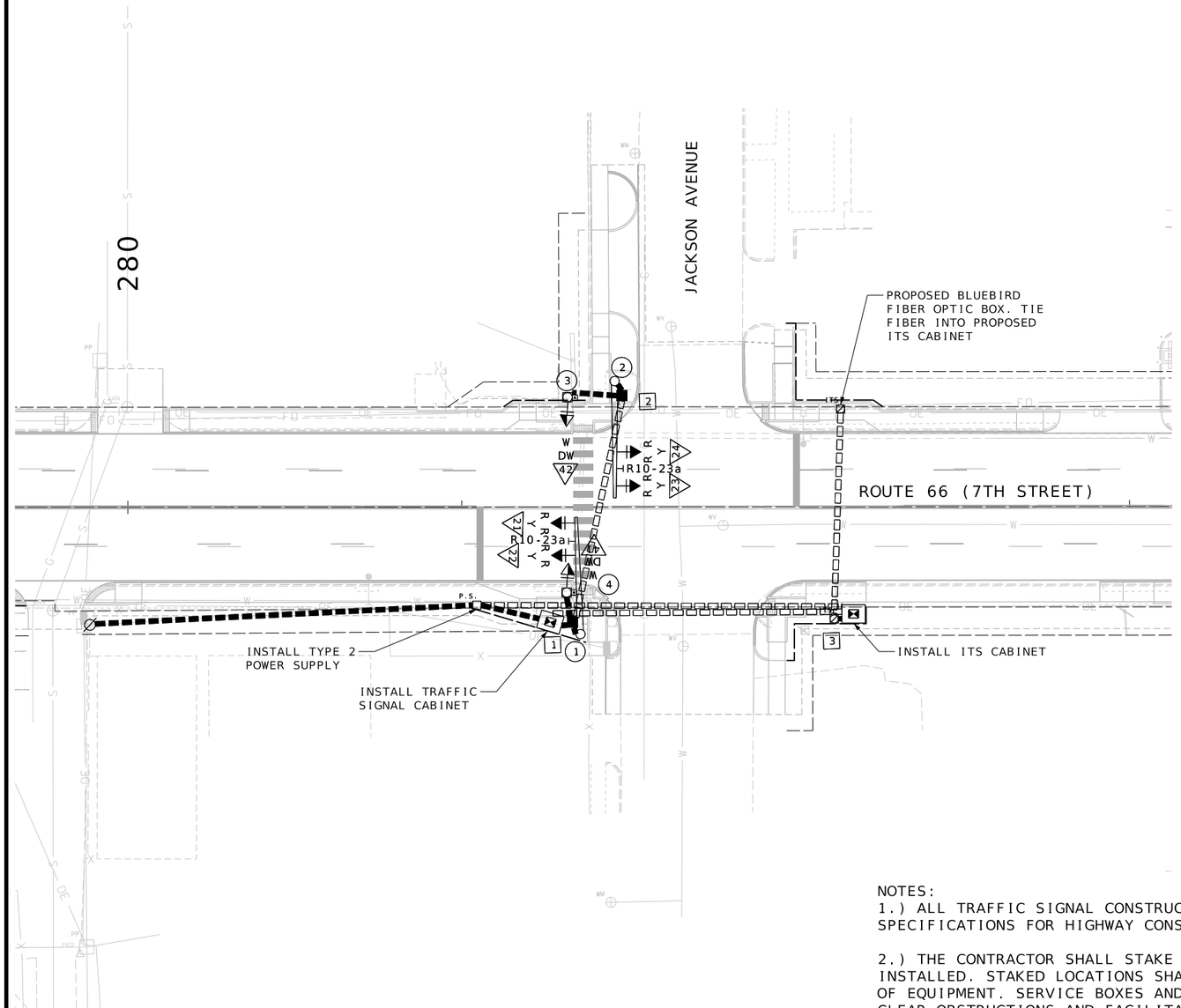

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	6 X 6 LOOP DETECTOR	
CONTROLLER (EXISTING)	VIDEO DETECTOR	6 X 15 LOOP DETECTOR	
JCT JUNCTION BOX	PUSH BUTTON DETECTOR	30 X 6 LOOP DETECTOR	
POWER SUPPLY	PREFORMED PULL BOX TYPE 1	CONDUIT MEDIAN	
WOOD POST	PREFORMED PULL BOX TYPE 2	CONDUIT PUSHED	
SIGNAL HEAD (OPT LIM CONV)	CONCRETE PULL BOX TYPE 1	CONDUIT BRIDGE	
SIGNAL HEAD (OPT LIM)	CONCRETE PULL BOX TYPE 2	CONDUIT EXISTING	
SIGNAL HEAD (PEDESTRIAN)	ITS PULL BOX TYPE 2	CONDUIT TRENCHED	
SIGNAL HEAD (STANDARD)	ITS PULL BOX TYPE 5	SPAN WIRE	
		MAST ARM - TYPE A BASE	
		MAST ARM - TYPE C BASE	
		MAST ARM - TYPE F BASE	

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
GL	GREEN LEFT ARROW
S	STRAIGHT GREEN ARROW
RR	RIGHT RED ARROW
YR	YELLOW RIGHT ARROW
GR	GREEN RIGHT ARROW

ALL 12" LENS WITH TUNNEL VISOR

NOTES:

1.) ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 902 (TRAFFIC SIGNALS), UNLESS OTHERWISE NOTED.

2.) THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.

3.) CONDUITS UNDER ANY NEW PAVEMENT SHALL EITHER BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION OR BORED FOLLOWING PAVEMENT CONSTRUCTION. CONDUITS UNDER ANY EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.

4.) CONDUIT, PULL BOXES, AND POLE BASES SHALL MAINTAIN AT LEAST 4' SETBACK FROM NEW GUARDRAIL OR CONCRETE BARRIER.

5.) CONTROLLER CABINET DOOR MUST OPEN AWAY FROM INTERSECTION.

6.) CONTRACTOR SHALL COORDINATE WITH POLE MANUFACTURER FOR BASE DESIGN COMPLIANCE PER MoDOT REQUIREMENTS. STANDARD SPECIFICATIONS: 1.92.2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SEALED BY A REGISTERED PROFESSIONAL ENGINEER FROM THE MANUFACTURER TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO THE START OF FABRICATION. IF APPLICABLE PRE-APPROVED DRAWINGS MAY BE UTILIZED FOR PURCHASING AND SUPPLYING THE POLES.

SCALE
0 20 40 60

JACKSON AVENUE & ROUTE 66

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 153
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SIGNAL PLAN
SHEET 7 OF 30

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185C\plan_sheets\12 Signals\153_SG_07_J7S2185C_I20.dgn 3:17:40 PM 10/7/2025

EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A: 9 | A: 9.5 | A: 10 | A: 10.5 | A: 11 | A: 12 | F: 9 | F: 9.5 | F: 10 | F: 10.5 | F: 11 | F: 12 | C | CONCRETE** (CU.YDS.) | PULL BOX: PREFORMED CONCRETE: CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE*: I | II: A | B | C | TOP MOUNT POST: 8 FT. | 15 FT. | TYPE C & CL: ARM LENGTH: 35 | 50 | 55 | A | SIGNAL SPACING: B | C | D | D' | SIGN SPACING: B | C | D | D' | TYPE B & BL: ARM LENGTH: E | K | LEFT ARM E: SIGNAL SPACING: E | K | SIGN SPACING: F | G | H | H' | RIGHT ARM K: SIGNAL SPACING: F | G | H | H' | SIGN SPACING: F | G | H | H' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM*: 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)																CABLE																
FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH			PUSHED			MEDIAN			ON STRUCTURE		REMARKS	FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				FIBER	POWER	DETECTION				CCTV CABLE	REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"					1c-#2	1c-#8	2c #16	5c #16	7c #16	3c #16	12CT SM (EXISTING)	1c #6	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	VIDEO CABLE	RADAR CABLE		
Ø	P.S.	116			124											Ø	CONT	116	396							132						3-1c#2
P.S.	CONT	27			35											Ø	CONT	27	129							43						3-1c#3
P.S.	ITS CONT	114			122											Ø	CONT	114	390							130						3-1c#4
CONT	BOX 1	10			13											22	21	20					87			10						
BOX 1	BOX 2	70							68							CONT	22	20					11									
																24	23	85					156			87						
BOX 1	POLE 1	10			9											CONT	24	85					12									
BOX 1	POLE 4	7			6											CONT	41	17				41				5						
BOX 2	POLE 2	5			3											CONT	42	97				127				17						
BOX 2	POLE 3	17			15											CONT	PB 41	97			126											
																CONT	PB 42	17			40											
ITS BOX	BOX 3	62						60							INSTALL TO BLUEBIRD FIBER OPTIC BOX	ITS BOX	TS CON	68							92						SEE NOTE 1
BOX 3	ITS CONT.	6			14																											
CONT	ITS CONT.	89						97																								
SUBTOTALS				0	341			157	68							SUBTOTALS			915		166	168	266		92*	424						
TOTALS				0	341			157	68							TOTALS			920		170	170	270		100*	430						

NOTE: CABLE AND CONDUIT FROM POWER SUPPLY ASSEMBLY TO UTILITY COMPANY FACILITIES SHALL ALSO BE PROVIDED AND ARE INCLUDED IN THE LUMP SUM TRAFFIC SIGNAL BID ITEM.

NOTES:

1.) CONTRACTOR SHALL PUT EXISTING SLACK OF EXISTING MoDOT 12 COUNT SINGLE MODE FIBER OPTIC CABLE FROM BLUEBIRD CONDUIT NETWORK THROUGH NEW 3" CONDUIT SYSTEM TO SPLICE LOCATICN INSIDE OF ITS CABINET. CUT AND SPLICE FIBER OPTIC IN FIBER DISTRIBUTION UNIT. *NO DIRECT PAY

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	155

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

D-37B

SIGNAL PLAN
SHEET 9 OF 30

INTERSECTION JACKSON AVENUE & ROUTE 66

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE 66	279+88.63	35.20" RT	Type 2		15 Amps	40 Amps	Amps	Amps		Amps	Ci. Ft.	LIBERTY
			Type		15 Amps	40 Amps	Amps	Amps		Amps	Ci. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *		UNINTERRUPTIBLE POWER SUPPLY
							TYPE		12C/7C HARDWIRE		TIME BASE	CLOSED LOOP		FIBER								902-99.02
APPROACH	STATION	OFFSET	NEMA	170	2070	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	OMNIeX	WAPITI	
ROUTE 66	281+17.29	32.24' RT.			1														1		1		1
ROUTE 66	282+17.32	32.07' RT.												1					1				

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		APS PUSH BUTTON	INDUCTION LOOP (1)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
PED 41	POLE 3	1				
PED 42	POLE 4	1				
TOTAL		2				

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

(1) ALL PUSH BUTTONS SHALL BE APS AND UTLIZE A 2-WIRE CONTROL SYSTEM WITH CONTROL UNIT IN THE CABINET.

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES	(SUBSIDIARY)	18
PULL BOX, CONCRETE, STANDARD	EACH	1

SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA	SIGNAL SIGN MOUNTING HARDWARE
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30			
	R10-10R	24 X 30			
	R3-5L	30 X 36			
	R3-5R	30 X 36			
	R3-5A	30 X 36			
	R3-6L	30 X 36			
	R3-6R	30 X 36			
	R3-2	24 X 24			
	R3-1	24 X 24			
	R3-3	24 X 24			
	R3-4	36 X 36			
	R10-5	24 X 30			
	R10-12	24 X 30			
	D3-1 ()	VAR X 18			
	D3-1 ()	VAR X 18			
1	R10-3E (L)	9 X 15	0.9	0.9	1
1	R10-3E (R)	9 X 15	0.9	0.9	1
	R10-11A	24 X 30			
	R10-13	36 X 24			
	R10-27A	30 X 36			
2	R10-23A	24 X 30	5.0	10.0	2
			SUBTOTAL	11.9	4
			TOTAL	11.9	4

2070 OUTPUT FILE ASSIGNMENTS

FR1		21, 22 23, 24 FR R				41, 42 DW W	MONITOR
FR2							
FR3							
FR4							

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U											UPS			FLASH SENSE
	L											UPS	P4		STOP TIME
"J"	U														
	L														

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = 12

JACKSON AVENUE & ROUTE 66
INTERSECTION

D-37C
SIGNAL PLAN
SHEET 10 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/13/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 156
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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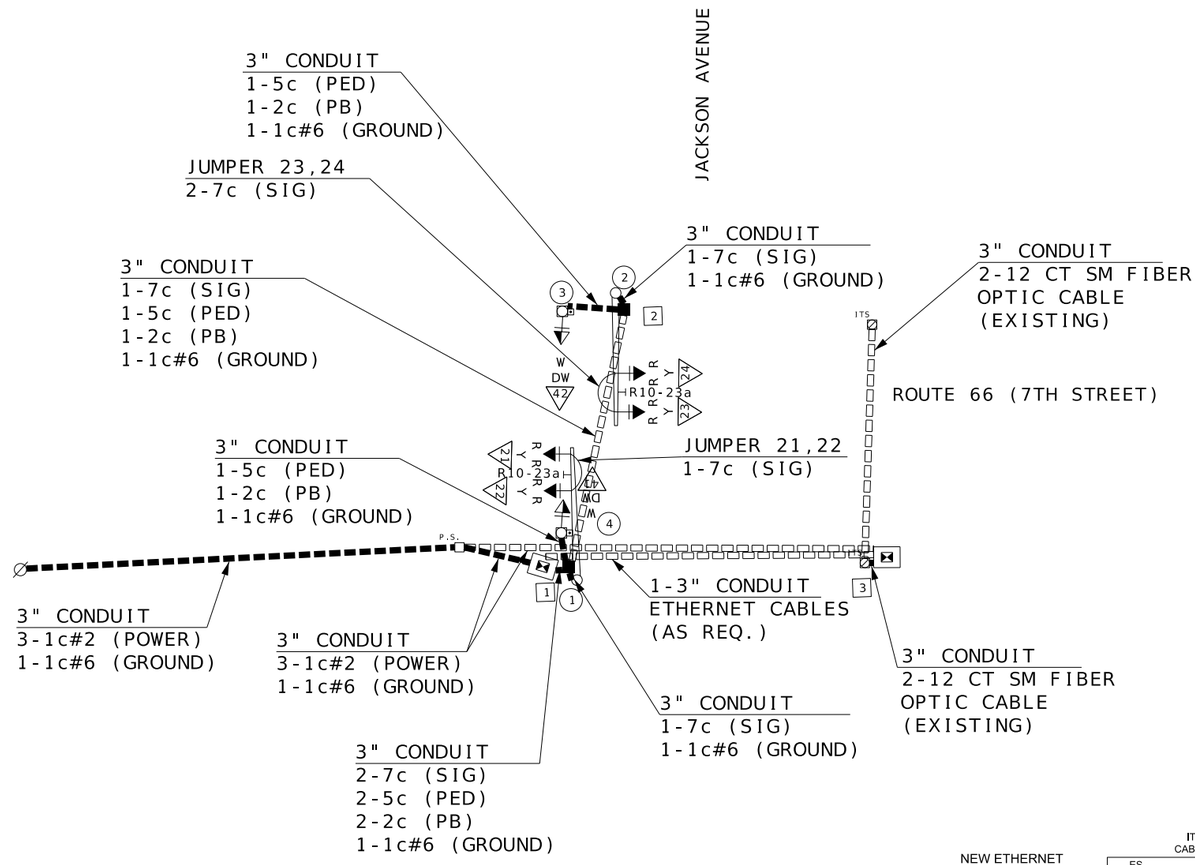
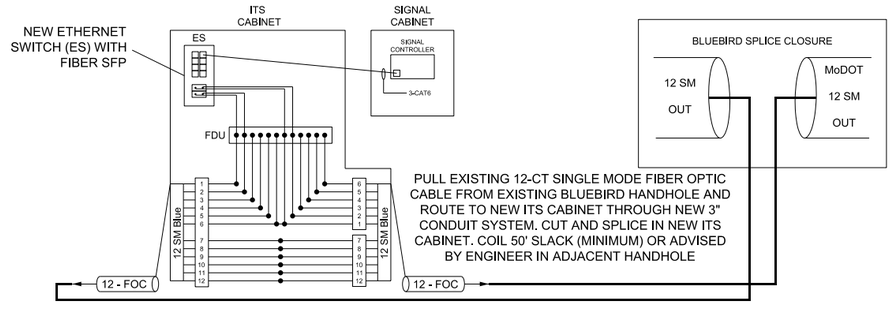
WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
(X)	POST WITH NUMBER
(X)	POST WITH MAST ARM
(X)	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
—X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER



JACKSON AVENUE & ROUTE 66

INTERSECTION

D-37D

SIGNAL PLAN
SHEET 11 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	157

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

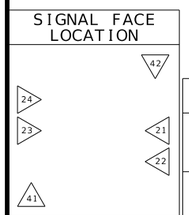
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



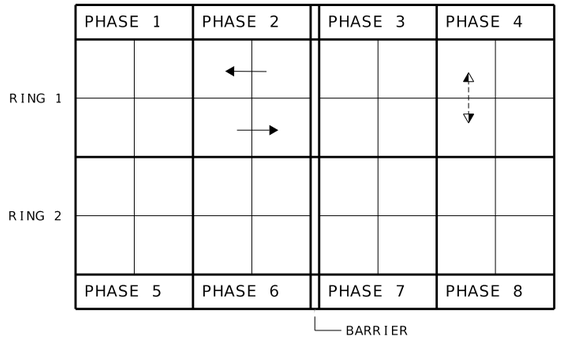
TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP
FACE NUMBERS		21 22 23 24								41 42		
SIGNAL INDICATIONS		FR/R FY FY FR/R FY FY FR/R FY FY FR/R FY FY								DW DW W W		
DETECTOR ASSIGNMENTS												
DETECTOR ASSIGNMENTS (PEDS. ONLY)										PB PB 42 41		
OVERLAP PARENT PHASES												

FACE NUMBERS

SIGNAL INDICATIONS: R, Y, FYA, G

DETECTOR ASSIGNMENTS



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL MOVEMENTS	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

JACKSON AVENUE & ROUTE 66

D-38A

SIGNAL PLAN
SHEET 12 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	158

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
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CERTIFICATE OF
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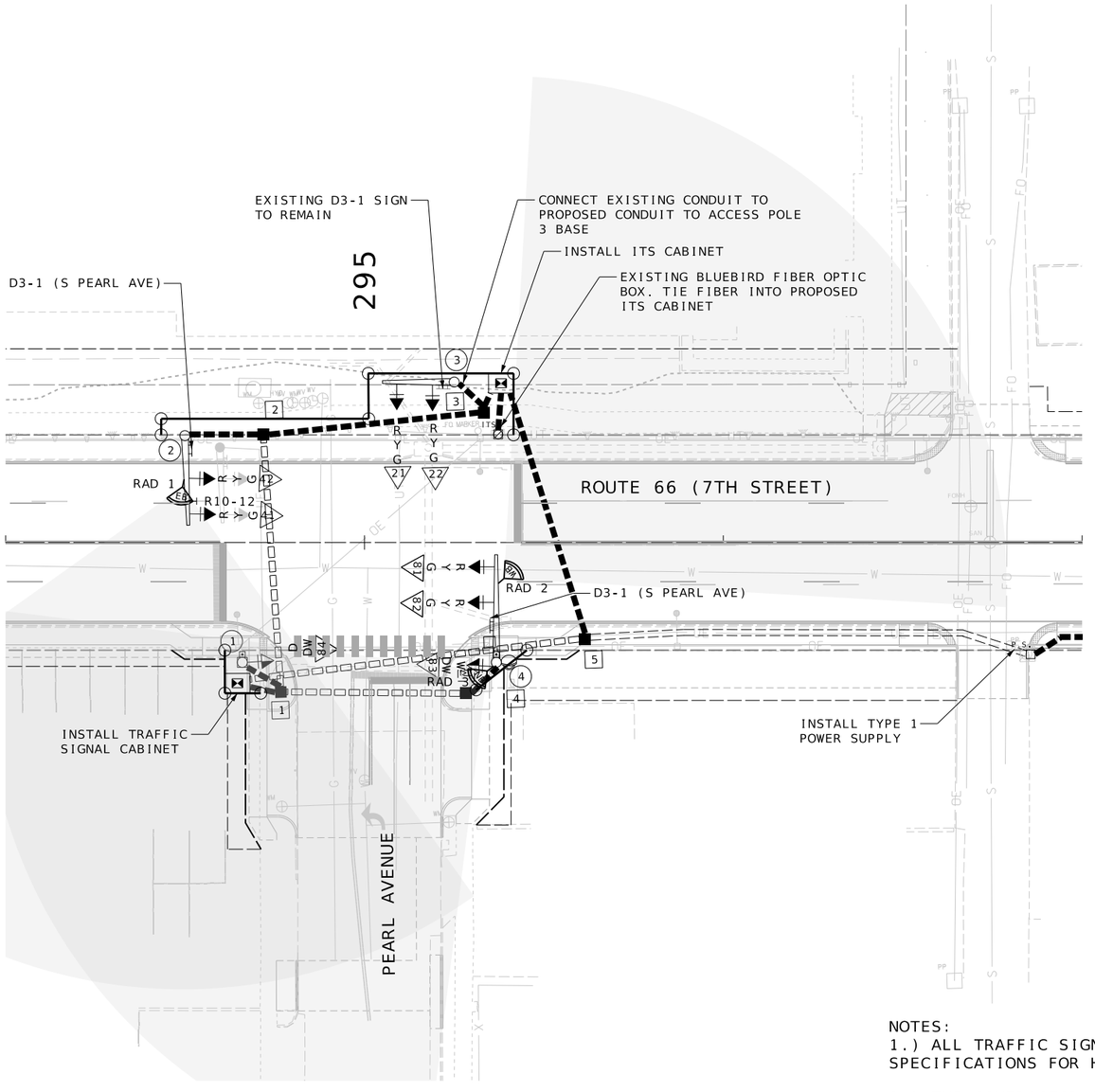


SCALE

0 20 40 60

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- RADAR DETECTION ZONE
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
GL	GREEN LEFT ARROW
S	STRAIGHT GREEN ARROW
RR	RIGHT RED ARROW
YR	YELLOW RIGHT ARROW
GR	GREEN RIGHT ARROW

ALL 12" LENS WITH TUNNEL VISOR

NOTES:

1.) ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 902 (TRAFFIC SIGNALS), UNLESS OTHERWISE NOTED.

2.) THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.

3.) CONDUITS UNDER ANY NEW PAVEMENT SHALL EITHER BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION OR BORED FOLLOWING PAVEMENT CONSTRUCTION. CONDUITS UNDER ANY EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.

4.) CONDUIT, PULL BOXES, AND POLE BASES SHALL MAINTAIN AT LEAST 4' SETBACK FROM NEW GUARDRAIL OR CONCRETE BARRIER.

5.) CONTROLLER CABINET DOOR MUST OPEN AWAY FROM INTERSECTION.

6.) CONTRACTOR SHALL COORDINATE WITH POLE MANUFACTURER FOR BASE DESIGN COMPLIANCE PER MoDOT REQUIREMENTS. STANDARD SPECIFICATIONS: 1.92.2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SEALED BY A REGISTERED PROFESSIONAL ENGINEER FROM THE MANUFACTURER TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO THE START OF FABRICATION. IF APPLICABLE PRE-APPROVED DRAWINGS MAY BE UTILIZED FOR PURCHASING AND SUPPLYING THE POLES.

PEARL AVENUE & ROUTE 66

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 159
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SIGNAL PLAN
SHEET 13 OF 30

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION: APPROACH	STATION	OFFSET	BASE: A (9, 9.5, 10, 10.5, 11, 12)	BASE: F (9, 9.5, 10, 10.5, 11, 12)	BASE: C	CONCRETE** (CU.YDS.)	PULL BOX: PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	CONCRETE: STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C	POST: TOP MOUNT POST 8 FT.	TOP MOUNT POST 15 FT.	TYPE C & CL: ARM LENGTH 20	ARM LENGTH 25	ARM LENGTH 30	ARM LENGTH A	SIGNAL SPACING B	SIGNAL SPACING C	SIGNAL SPACING D	SIGNAL SPACING D'	SIGN SPACING B	SIGN SPACING C	SIGN SPACING D	SIGN SPACING D'	TYPE B & BL: ARM LENGTH E	ARM LENGTH K	LEFT ARM E: SIGNAL SPACING E	SIGNAL SPACING K	SIGN SPACING E	SIGN SPACING K	RIGHT ARM K: SIGNAL SPACING F	SIGNAL SPACING G	SIGNAL SPACING H	SIGNAL SPACING H'	SIGN SPACING F	SIGN SPACING G	SIGN SPACING H	SIGN SPACING H'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
CONT.		7TH STREET	294+64.61	39.25' RT				1.31																																									
CONT.		7TH STREET	295+38.07	44.38' LT				1.31																																									
1		7TH STREET	294+65.98	33.40' RT			1	0.44												1																															
2		7TH STREET	294+71.96	30.00' LT		1		2.36														1			12	10			6																					
3		7TH STREET	EXISTING																																															
4		7TH STREET	295+36.78	33.40' RT		1		3.07															1		17	10																								
	1	7TH STREET	294+76.70	41.69' RT										1		1																																	
	2	7TH STREET	294+76.37	32.25' LT									1			1																																	
	3	7TH STREET	295+30.82	41.01' LT									1			1																																	
	4	7TH STREET	295+28.33	42.11' RT									1			1																																	
	5	7TH STREET	295+61.53	26.84' RT									1			1																																	
				SUBTOTAL				8.49					4	1						1			1	1																									
				TOTAL				8.50					4	1						1			1	1																									

SIGNAL HEADS

| SPAN NUMBER | POST NUMBER | FACE NUMBER | LUMINAIRE LED TYPE A | INDICATIONS*: 12" LENS CONVENTIONAL R | RL | Y | YL | YRt | FYL | G | GL | S | GRt | (1) PED. | 12" LENS OPTICALLY LIMITING R | Y | YL | YRt | FYL | FYR | G | S | L | Rt | VISORS*: 12" LENS | (1) PED. | LOUVERS* A | B | C | D | E | F | BACKPLATE*: LENSES 1 | 2 | 3 | 4 | 5 | RETROREFLECTIVE BACKPLATE*: LENSES 1 | 2 | 3 | 4 | 5 | BRACKET* TYPE I | II | III | ONE-FACE SECTION 1- T | S | C | B | 3- T | S | C | B | 4- T | S | C | B | 5- T | S | C | B | TWO-FACE SECTION 11- T | S | C | B | 33- T | S | C | B | 34- T | S | B | 35- T | S | B | 44- T | S | B | 45- T | S | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)																CABLE																
FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH			PUSHED			MEDIAN			ON STRUCTURE		REMARKS	FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				*FIBER	POWER	DETECTION				CCTV CABLE	REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"					1c-#2	1c-#8	2c #16	5c #16	7c #16	3c #16	12CT SM (EXISTING)	1c #6	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	VIDEO CABLE	RADAR CABLE		
Ø	P.S.															Ø*	CONT	237	735							253						
P.S.	CONT	237						245								P.S.	TS CONT	192	606							208						
P.S.	ITS CONT.	192						200								42	41	10					10			13						
CONT	BOX 1	13				21									2-4" CONDUIT	CONT	42	114					167			74						
BOX 1	BOX 2	74							72							22	21	12					12			52						
BOX 1	BOX 4	52							50							CONT	22	151					215			57						
BOX 2	BOX 3	57				55										82	81	10					10									
																CONT	82	77					135									
BOX 1	POLE 1	14			17											CONT	83	77				107				12						
BOX 2	POLE 2	27			28											CONT	84	27				51				14						
BOX 3	POLE 3	7			10											CONT	PB 83	27			50											
BOX 4	POLE 4	12			13											CONT	PB 84	77			106											
																CONT	RAD 1	114											185			
ITS BOX	ITS CONT	12			16											CONT	RAD 2	77											160			
TS CONT	BOX 3	10			14											CONT	RAD 3	77											140			
																CONT	CCTV	77												110	SEE NOTE 1 BELOW	
																ITS BOX	ITS CONT	14							28							
				-																												
SUBTOTALS					98	76		445	122							SUBTOTALS			1341		156	158	549		28*	683				485	110		
TOTALS					98	76		445	122							TOTALS			1350		160	160	550		30*	690				490	110		

NOTE: CABLE AND CONDUIT FROM POWER SUPPLY ASSEMBLY TO UTILITY COMPANY FACILITIES SHALL ALSO BE PROVIDED AND ARE INCLUDED IN THE LUMP SUM TRAFFIC SIGNAL BID ITEM.

NOTES:

1.) CONTRACTOR SHALL PUT EXISTING SLACK OF EXISTING MoDOT 12 COUNT SINGLE MODE FIBER OPTIC CABLE FROM BLUEBIRD CONDUIT NETWORK THROUGH NEW 3" CONDUIT SYSTEM TO SPLICE LOCATION INSIDE OF ITS CABINET. CUT AND SPLICE FIBER OPTIC IN FIBER DISTRIBUTION UNIT. *NO DIRECT PAY

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 161

COUNTY JASPER

JOB NO. J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

D-37B

SIGNAL PLAN
SHEET 15 OF 30

INTERSECTION PEARL AVENUE & ROUTE 66

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE 66	296+85.70	31.12' RT.	Type 2		15 Amps	40 Amps	Amps	Amps		Amps	Ci. Ft.	LIBERTY
			Type		15 Amps	40 Amps	Amps	Amps		Amps	Ci. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *		UNINTERRUPTIBLE POWER SUPPLY
									12C/7C HARDWIRE		TIME BASE	CLOSED LOOP										902-99.02
APPROACH	STATION	OFFSET	NEMA	170	2070	170	I	II	MASTER	LOCAL		NEMA	170	FIBER		E	EV	DOUBLE	332	336S	OMNIeX	WAPITI	
ROUTE 66	294+64.61	39.25' RT.			1														1		1		1
ROUTE 66	295+38.07	44.38' LT.												1					1				

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		APS PUSH BUTTON	INDUCTION LOOP (2)			RADAR (1)
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
81/82	EB APPROACH					1
21/22	NB APPROACH					1
41/42	WB APPROACH					1
PED 83	POLE 1	1				
PED 84	POLE 4	1				
TOTAL		2				

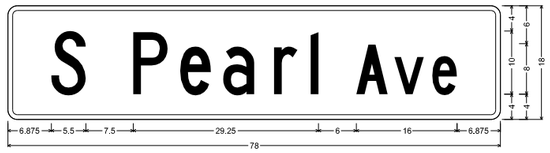
* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

(1) NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONES. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.

(2) ALL PUSH BUTTONS SHALL BE APS AND UTILIZE A 2-WIRE CONTROL SYSTEM WITH CONTROL UNIT IN THE CABINET.

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES	(SUBSIDIARY)	18
PULL BOX, CONCRETE, STANDARD	EACH	1
RADAR DETECTION SYSTEM	EACH	1



D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"S Pearl", C; "Ave", C;
Table of letter and object lefts

S	P	e	a	r	l	A	v	e
6.875	19.875	27.250	34.125	42.125	47.750	55.125	61.250	67.250

SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA	SIGNAL SIGN MOUNTING HARDWARE
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	R3-4	36 X 36	9.0		
	R10-5	24 X 30	5.0		
1	R10-12	24 X 30	5.0	5.0	1
2	D3-1 (S PEARL AVE)	78 X 18	9.75	19.5	2
1	R10-3E (L)	9 X 15	0.9	0.9	1
1	R10-3E (R)	9 X 15	0.9	0.9	1
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
	R10-15R	30 X 36	7.5		
			SUBTOTAL	26.3	5
			TOTAL	26.3	5

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U		21				41					UPS			FLASH SENSE
	L		22				42					UPS		P8	STOP TIME
"J"	U						81								
	L						82								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = 12

2070 OUTPUT FILE ASSIGNMENTS

FR1		21, 22 R Y G			41, 42 R Y G		MONITOR
FR2							
FR3					81, 82 R Y G	83, 84 DW	
FR4						83, 84 W	

PEARL AVENUE & ROUTE 66
INTERSECTION

D-37C
SIGNAL PLAN
SHEET 16 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/13/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 162
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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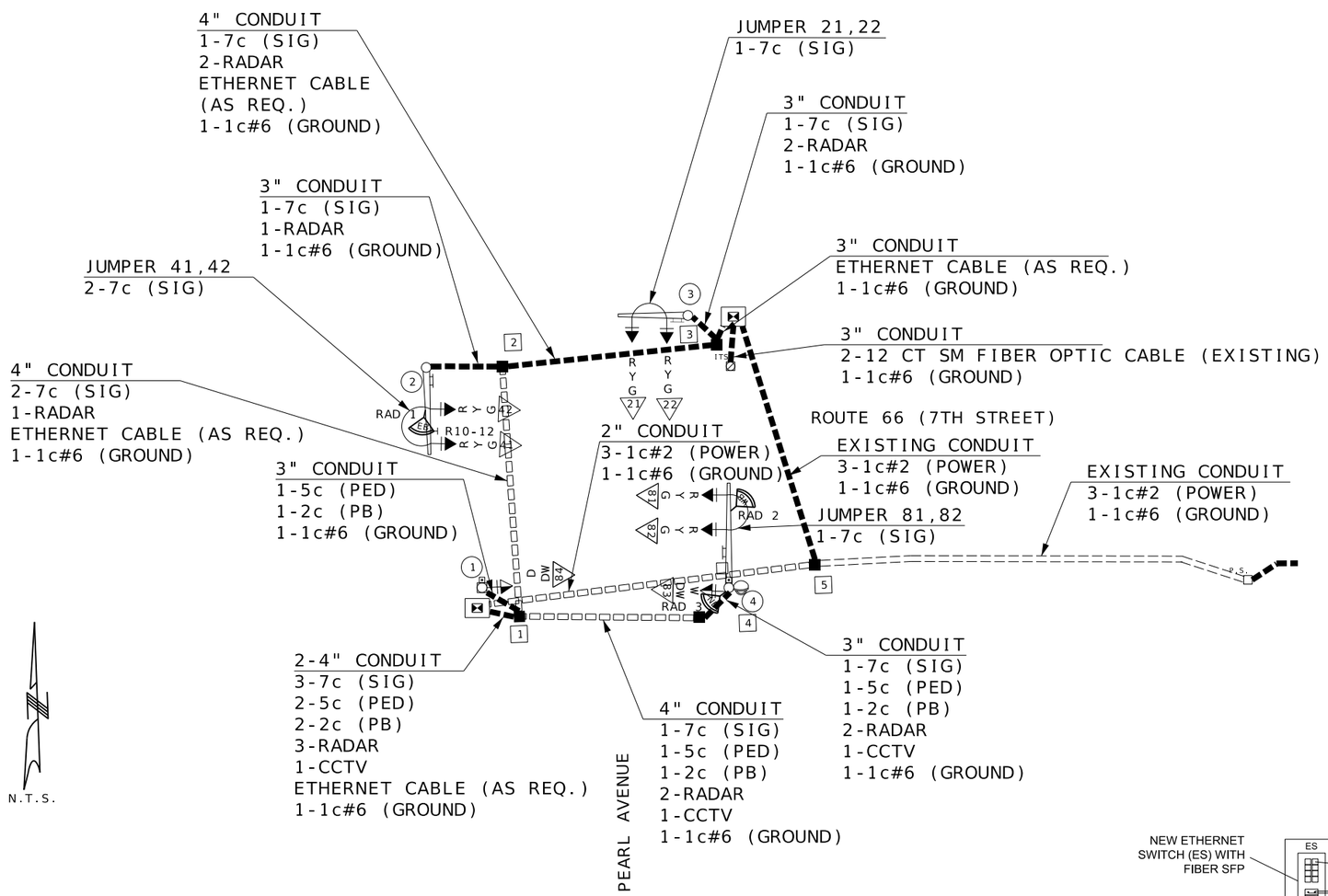
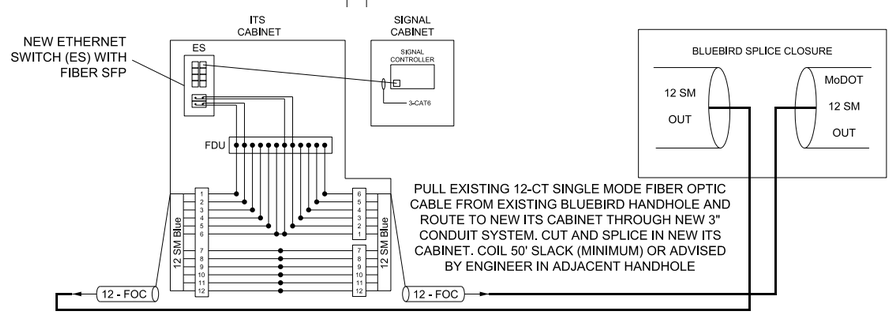
WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
(X)	POST WITH NUMBER
(X)	POST WITH MAST ARM
(X)	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
— X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER



PEARL AVENUE & ROUTE 66

INTERSECTION

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	163

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

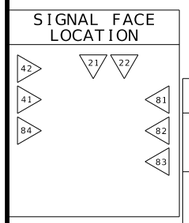
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

D-37D

SIGNAL PLAN
SHEET 17 OF 30

EFFECTIVE 12/01/2017

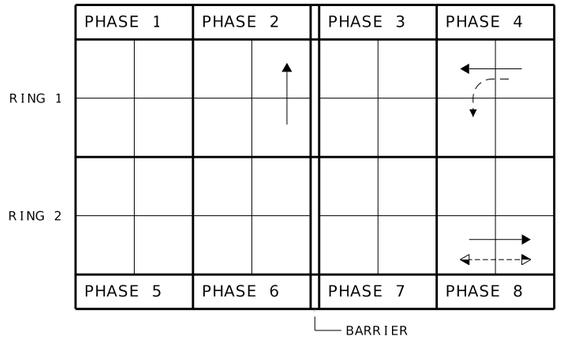
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø OVERLAP	PED Ø OVERLAP	PED Ø 8 OVERLAP
FACE NUMBERS		21 22		41 42				81 82				83 84
SIGNAL INDICATIONS R		R R		R R				R R				DW DW
SIGNAL INDICATIONS Y		Y Y		Y Y				Y Y				FDW FDW
SIGNAL INDICATIONS FYA												
SIGNAL INDICATIONS G		G G		G G				G G				W W
DETECTOR ASSIGNMENTS		21 22		41 42				81 82				
DETECTOR ASSIGNMENTS (PEDS. ONLY)												PB 84 PB 83
OVERLAP PARENT PHASES												

FACE NUMBERS
SIGNAL INDICATIONS R
SIGNAL INDICATIONS Y
SIGNAL INDICATIONS FYA
SIGNAL INDICATIONS G
SIGNAL INDICATIONS
DETECTOR ASSIGNMENTS



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL MOVEMENTS	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF
PEARL AVENUE & ROUTE 66

D-38A

SIGNAL PLAN
SHEET 18 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

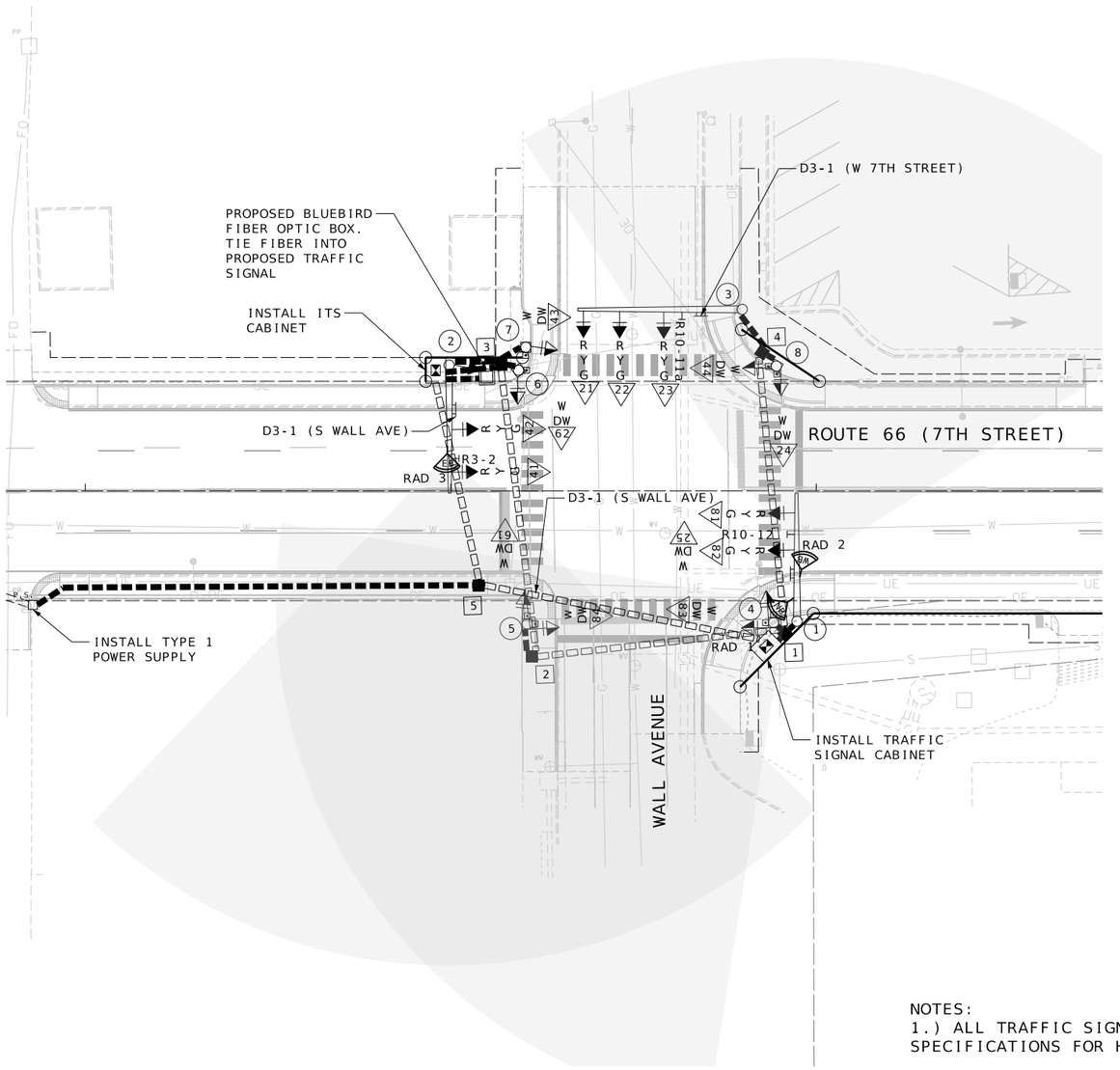
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	164

COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592



TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- RADAR DETECTION ZONE
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
GL	GREEN LEFT ARROW
S	STRAIGHT GREEN ARROW
RR	RIGHT RED ARROW
YR	YELLOW RIGHT ARROW
GR	GREEN RIGHT ARROW

ALL 12" LENS WITH TUNNEL VISOR

SCALE
0 20 40 60

WALL AVENUE & ROUTE 66

NOTES:
1.) ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 902 (TRAFFIC SIGNALS), UNLESS OTHERWISE NOTED.

2.) THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.

3.) CONDUITS UNDER ANY NEW PAVEMENT SHALL EITHER BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION OR BORED FOLLOWING PAVEMENT CONSTRUCTION. CONDUITS UNDER ANY EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.

4.) CONDUIT, PULL BOXES, AND POLE BASES SHALL MAINTAIN AT LEAST 4' SETBACK FROM NEW GUARDRAIL OR CONCRETE BARRIER.

5.) CONTROLLER CABINET DOOR MUST OPEN AWAY FROM INTERSECTION.

6.) CONTRACTOR SHALL COORDINATE WITH POLE MANUFACTURER FOR BASE DESIGN COMPLIANCE PER MoDOT REQUIREMENTS. STANDARD SPECIFICATIONS: 1.92.2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SEALED BY A REGISTERED PROFESSIONAL ENGINEER FROM THE MANUFACTURER TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO THE START OF FABRICATION. IF APPLICABLE PRE-APPROVED DRAWINGS MAY BE UTILIZED FOR PURCHASING AND SUPPLYING THE POLES.

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 165
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SIGNAL PLAN
SHEET 19 OF 30

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A 9 | A 9.5 | A 10 | A 10.5 | A 11 | A 12 | BASE: F 9 | F 9.5 | F 10 | F 10.5 | F 11 | F 12 | BASE: C | CONCRETE** (CU.YDS.) | PULL BOX: PREFORMED CONCRETE CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE* I | II A | II B | II C | TOP MOUNT POST 8 FT. | 15 FT. | TYPE C & CL: ARM LENGTH 35 | 45 | 46 | A | SIGNAL SPACING B | C | D | D' | SIGN SPACING B | C | D | D' | TYPE B & BL: ARM LENGTH E | K | E | K | E | K | LEFT ARM E: SIGNAL SPACING F | G | H | H' | SIGN SPACING F | G | H | H' | RIGHT ARM K: SIGNAL SPACING F | G | H | H' | SIGN SPACING F | G | H | H' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)															
FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH			PUSHED			MEDIAN			ON STRUCTURE		REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"	
P.S.	BOX 5	121						129							
BOX 5	CONT.	73						81							
BOX 5	TS CONT	55						63							
CONT	BOX 1	5				18									2-4" CONDUIT
BOX 1	BOX 2	70							78						
BOX 2	BOX 3	81							89						
BOX 1	BOX 4	60							68						
BOX 1	POLE 1	5			8										
BOX 1	POLE 4	7			10										
BOX 2	POLE 5	9			12										
BOX 3	POLE 2	15			18										
BOX 3	POLE 6	6			9										
BOX 3	POLE 7	10			13										
BOX 4	POLE 3	13			16										
BOX 4	POLE 8	12			15										
ITS BOX	TS CONT	10			14										
TS CONT	BOX 3	15			19										

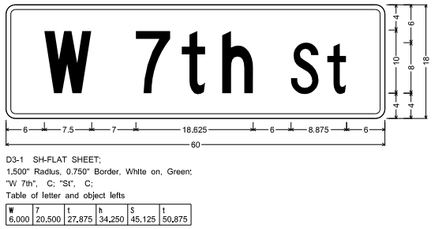
EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE 66	296+85.70	31.12' RT	Type 2		15 Amps	40 Amps	Amps	Amps		Amps	Cl. Ft.	LIBERTY
			Type		15 Amps	40 Amps	Amps	Amps		Amps	Cl. Ft.	

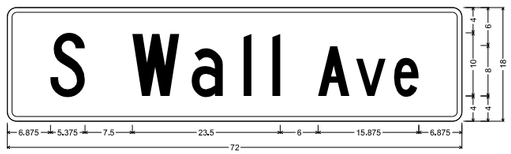
CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *		UNINTERRUPTIBLE POWER SUPPLY
							TYPE		12C/7C HARDWIRE		TIME BASE	CLOSED LOOP										902-99.02
APPROACH	STATION	OFFSET	NEMA	170	2070	170	I	II	MASTER	LOCAL		NEMA	170	FIBER		E	EV	DOUBLE	332	336S	OMNIeX	WAPITI	
ROUTE 66	298+86.36	42.52' RT.			1														1		1		1
ROUTE 66	297+95.91	33.00' LT.												1					1				



D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"W 7th", C; "St", C;
Table of letter and object lefts

W	7	1	h	S	t
6.000	20.500	27.875	34.250	45.125	50.875



D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"S Wall", C; "Ave", C;
Table of letter and object lefts

S	W	a	l	l	A	v	e
6.875	19.750	29.250	37.250	41.750	49.250	55.250	61.250

SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA	SIGNAL SIGN MOUNTING HARDWARE
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
1	R3-2	24 X 24	4.0	4.0	1
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	R3-4	36 X 36	9.0		
	R10-5	24 X 30	5.0		
1	R10-12	24 X 30	5.0	5.0	1
1	D3-1 (W 7TH ST)	60 X 18	7.5	7.5	1
2	D3-1 (S WALL AVE)	72 X 18	9.0	18.0	2
4	R10-3E (L)	9 X 15	0.9	3.6	4
4	R10-3E (R)	9 X 15	0.9	3.6	4
1	R10-11A	24 X 30	5.0	5.0	1
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
	R10-15R	30 X 36	7.5		
			SUBTOTAL	46.7	14
			TOTAL	46.7	14

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		APS PUSH BUTTON	INDUCTION LOOP (2)			RADAR (1)
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
81/82	EB APPROACH					1
21/22	NB APPROACH					1
41/42	WB APPROACH					1
PED 61	POLE 6	1				
PED 44	POLE 7	1				
PED 43	POLE 8	1				
PED 25	POLE 8	1				
PED 24	POLE 4	1				
PED 84	POLE 4	1				
PED 83	POLE 5	1				
PED 62	POLE 5	1				
TOTAL		8				

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

(1) NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONES. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.

(2) ALL PUSH BUTTONS SHALL BE APS AND UTILIZE A 2-WIRE CONTROL SYSTEM WITH CONTROL UNIT IN THE CABINET.

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES	(SUBSIDIARY)	18
PULL BOX, CONCRETE, STANDARD	EACH	1
RADAR DETECTION SYSTEM	EACH	1

2070 OUTPUT FILE ASSIGNMENTS

FR1		21, 22 R Y G	23, 24 DW		41, 42 R Y G	43, 44 DW	MONITOR
FR2			23, 24 W			43, 44 W	
FR3			61, 62 DW		81, 82 R Y G	83, 84 DW	
FR4			61, 62 W			83, 84 W	

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U		21				41					UPS	P2	P6	FLASH SENSE
	L		22				42					UPS	P4	P8	STOP TIME
"J"	U		61				81								
	L						82								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = 12

WALL AVENUE & ROUTE 66
INTERSECTION

D-37C
SIGNAL PLAN
SHEET 22 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/13/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 168
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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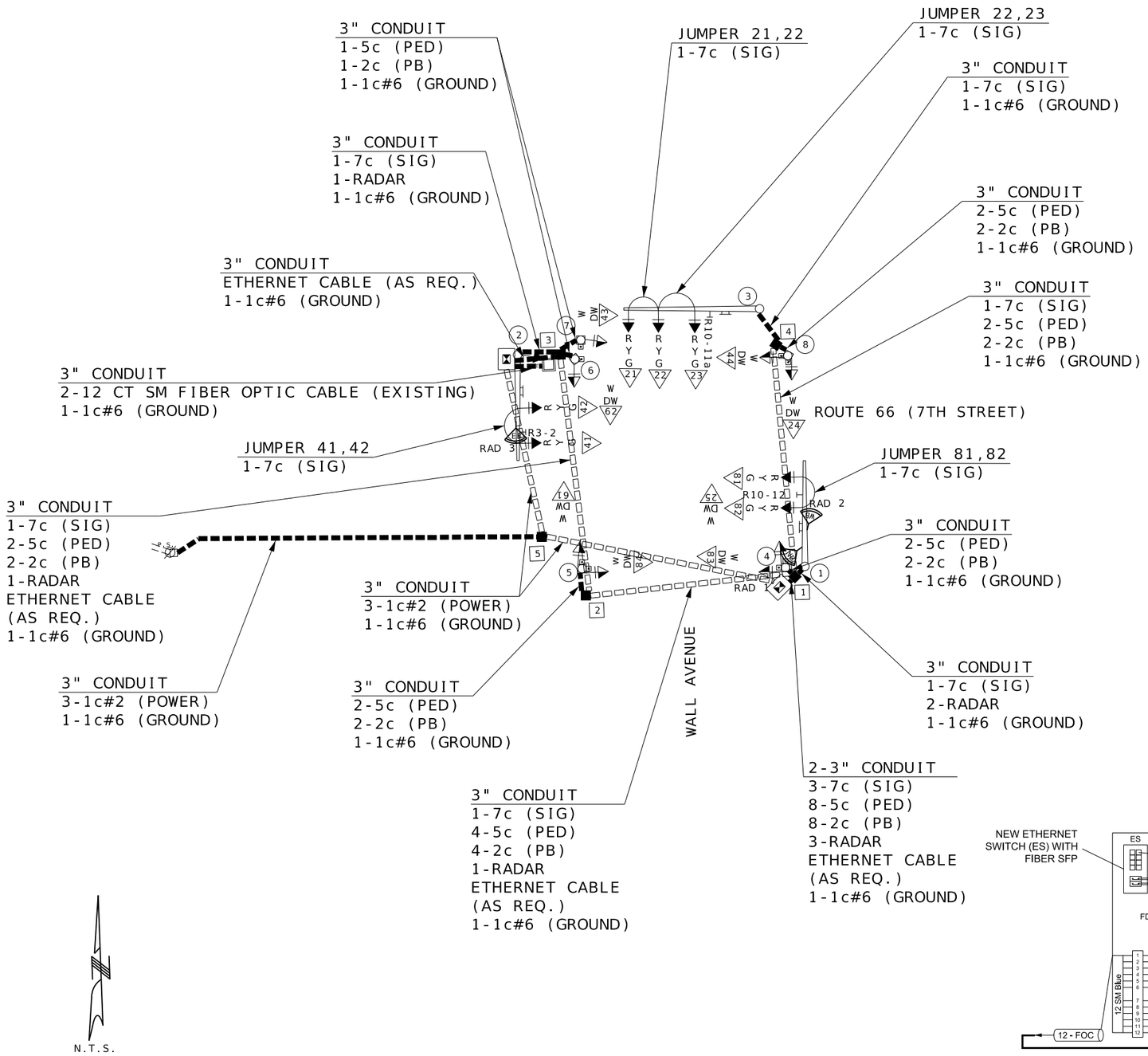
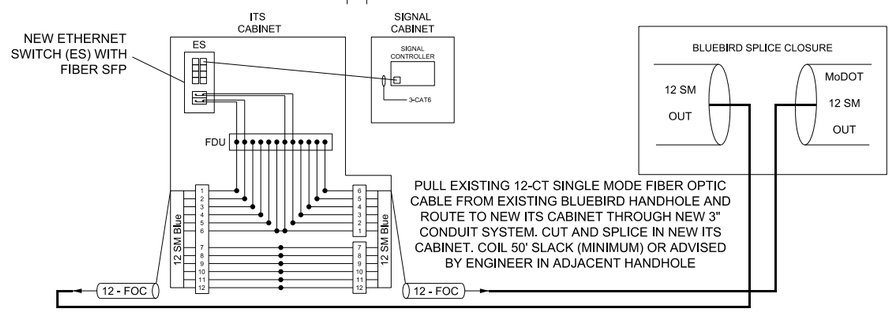
WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
(X)	POST WITH NUMBER
(X)	POST WITH MAST ARM
(X)	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
— X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER



WALL AVENUE & ROUTE 66
INTERSECTION

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	10/7/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	169
COUNTY	JASPER
JOB NO.	J7S2185C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

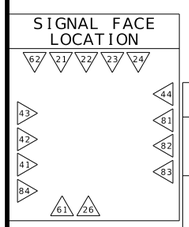
DESCRIPTION / DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

D-37D
SIGNAL PLAN
SHEET 23 OF 30

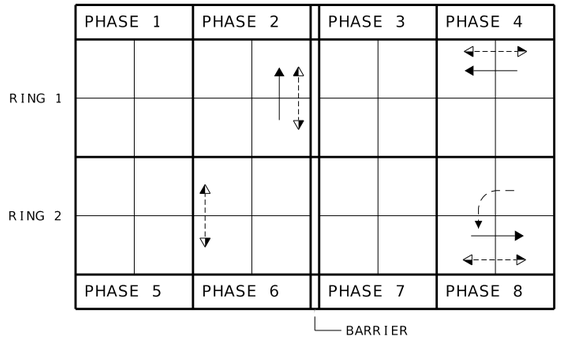
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS		21 22 23		41 42				81 82	24 25	43 44	61 62	83 84	FACE NUMBERS
SIGNAL INDICATIONS R		R R R		R R				R R	DW DW	DW DW	DW DW	DW DW	R
SIGNAL INDICATIONS Y		Y Y Y		Y Y				Y Y	FDW FDW	FDW FDW	FDW FDW	FDW FDW	Y
SIGNAL INDICATIONS FYA													FYA
SIGNAL INDICATIONS G		G G G		G G				G G	W W	W W	W W	W W	G
DETECTOR ASSIGNMENTS		21 22 23		41 42				81 82					DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)									PB 25 PB 24	PB 44 PB 43	PB 62 PB 61	PB 84 PB 83	
OVERLAP PARENT PHASES													



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL MOVEMENTS	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF
WALL AVENUE & ROUTE 66

D-38A

SIGNAL PLAN
SHEET 24 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	170

COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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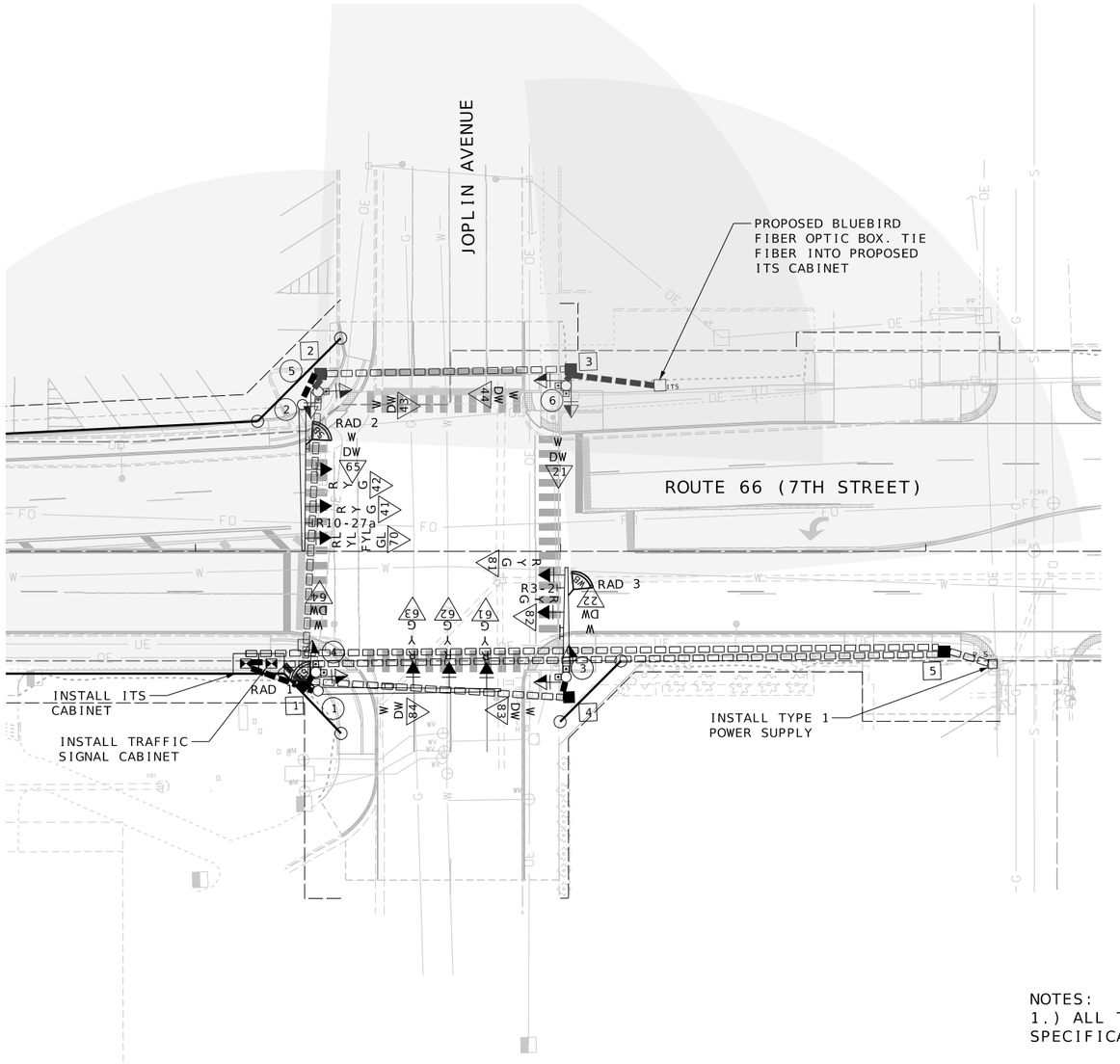

JOPLIN AVENUE & ROUTE 66

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- RADAR DETECTION ZONE
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
GL	GREEN LEFT ARROW
S	STRAIGHT GREEN ARROW
RR	RIGHT RED ARROW
YR	YELLOW RIGHT ARROW
GR	GREEN RIGHT ARROW

ALL 12" LENS WITH TUNNEL VISOR

NOTES:

1.) ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 902 (TRAFFIC SIGNALS), UNLESS OTHERWISE NOTED.

2.) THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.

3.) CONDUITS UNDER ANY NEW PAVEMENT SHALL EITHER BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION OR BORED FOLLOWING PAVEMENT CONSTRUCTION. CONDUITS UNDER ANY EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.

4.) CONDUIT, PULL BOXES, AND POLE BASES SHALL MAINTAIN AT LEAST 4' SETBACK FROM NEW GUARDRAIL OR CONCRETE BARRIER.

5.) CONTROLLER CABINET DOOR MUST OPEN AWAY FROM INTERSECTION.

6.) CONTRACTOR SHALL COORDINATE WITH POLE MANUFACTURER FOR BASE DESIGN COMPLIANCE PER MoDOT REQUIREMENTS. STANDARD SPECIFICATIONS: 1.92.2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SEALED BY A REGISTERED PROFESSIONAL ENGINEER FROM THE MANUFACTURER TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO THE START OF FABRICATION. IF APPLICABLE PRE-APPROVED DRAWINGS MAY BE UTILIZED FOR PURCHASING AND SUPPLYING THE POLES.

SIGNAL PLAN
SHEET 25 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	171

COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A 9 | A 9.5 | A 10 | A 10.5 | A 11 | A 12 | F 9 | F 9.5 | F 10 | F 10.5 | F 11 | F 12 | C | CONCRETE** (CU.YDS.) | PULL BOX: PREFORMED CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | CONCRETE: STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE* I | II A | II B | II C | TOP MOUNT POST 8 FT. | 15 FT. | POST (SEE GENERAL NOTE 2): TYPE C & CL ARM LENGTH 30 | 45 | 50 | A | SIGNAL SPACING B | C | D | D' | SIGN SPACING B | C | D | D' | TYPE B & BL ARM LENGTH E | K | E | K | E | K | LEFT ARM E SIGNAL SPACING F | G | H | H' | SIGN SPACING F | G | H | H' | RIGHT ARM K SIGNAL SPACING F | G | H | H' | SIGN SPACING F | G | H | H' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)															CABLE															
FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH			PUSHED			MEDIAN			ON STRUCTURE		REMARKS	FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				FIBER	POWER	DETECTION				CCTV CABLE	REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"					1c-#2	1c-#8	2c #16	5c #16	7c #16	3c #16	12CT SM (EXISTING)	1c #6	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	VIDEO CABLE	RADAR CABLE		
P.S.	BOX 5	12						16								Ø	BOX 5	12	78						27						
BOX 5	CONT	185						189								BOX 5	CONT	185	597												
BOX 5	ITS CONT	191						195								BOX 5	TS CON	191	615												
CONT	BOX 1	14				44									2-4" CONDUIT	62	61	10					10		24						
BOX 1	BOX 2	82							80							63	62	11					11								
BOX 2	BOX 3	69						67								CONT	63	24					85								
BOX 1	BOX 4	74							72							CONT	70	107					180		93						
TS CON	BOX 1	15			19											42	41	10					10								
BOX 1	POLE 1	10			13											CONT	42	107					166								
BOX 1	POLE 4	6			8											82	81	94					162		80						
BOX 2	POLE 2	11			13											CONT	82	94					151								
BOX 2	POLE 5	6			8											CONT	64	20				44			80						
BOX 3	POLE 6	5			6											CONT	84	20				44									
BOX 4	POLE 3	6			8											CONT	43	102				132			6						
ITS BOX	BOX 3	26			24											CONT	65	102				132									
																CONT	21	170				206									
																CONT	44	170				206									
																CONT	22	94				124			5						
																CONT	84	94				124									
																CONT	PB 83	20			43										
																CONT	PB 65	20			43										
																CONT	PB 44	102			131										
																CONT	PB 64	102			131										
																CONT	PB 22	170			205										
																CONT	PB 43	170			205										
																CONT	PB 21	94			123										
																CONT	PB 84	94			123										
																CONT	RAD 1	24											81		
																CONT	RAD 2	107											176		
																CONT	RAD 3	94											179		
																ITS BOX	ITS CONT	192							221						SEE NOTE 1 BELOW
SUBTOTALS					99	44		467	152							SUBTOTALS			1290		1004	1012	775		221*	315				436		
TOTALS					99	44		467	152							TOTALS			1290		1010	1020	780		230*	320				440		

NOTE: CABLE AND CONDUIT FROM POWER SUPPLY ASSEMBLY TO UTILITY COMPANY FACILITIES SHALL ALSO BE PROVIDED AND ARE INCLUDED IN THE LUMP SUM TRAFFIC SIGNAL BID ITEM.

NOTES:

1.) CONTRACTOR SHALL PUT EXISTING SLACK OF EXISTING MoDOT 12 COUNT SINGLE MODE FIBER OPTIC CABLE FROM BLUEBIRD CONDUIT NETWORK THROUGH NEW 3" CONDUIT SYSTEM TO SPLICE LOCATION INSIDE OF ITS CABINET. CUT AND SPLICE FIBER OPTIC IN FIBER DISTRIBUTION UNIT. *NO DIRECT PAY

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 173

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

D-37B

SIGNAL PLAN
SHEET 27 OF 30

INTERSECTION JOPLIN AVENUE & ROUTE 66

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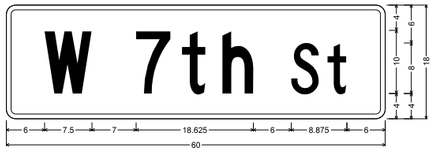
EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE 66	303+18.21	30.81' RT	Type 2		15 Amps	40 Amps	Amps	Amps		Amps	Ct. Ft.	LIBERTY
			Type		15 Amps	40 Amps	Amps	Amps		Amps	Ct. Ft.	

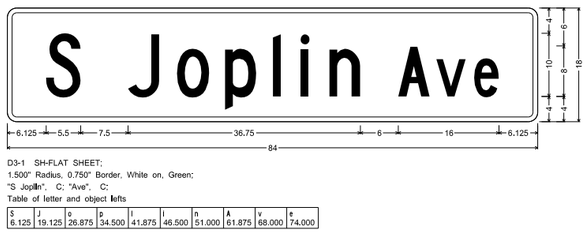
CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *		UNINTERRUPTIBLE POWER SUPPLY
							TYPE		12C/7C HARDWIRE		TIME BASE	CLOSED LOOP		FIBER								902-99.02
APPROACH	STATION	OFFSET	NEMA	170	2070	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	OMNIeX	WAPITI	
ROUTE 66	301+20.80	30.75' RT			1														1		1		1
ROUTE 66	301+13.80	30.75' RT												1					1				



D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"W 7th", C; "St", C;
Table of letter and object lefts

W	7	t	h	S	t
6.000	20.500	27.875	34.250	45.125	50.875



D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"S Joplin", C; "Ave", C;
Table of letter and object lefts

S	J	o	p	l	i	n	A	v	e
6.125	19.125	26.875	34.500	41.875	46.500	51.000	61.875	68.000	74.000

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		APS PUSH BUTTON	INDUCTION LOOP (2)			RADAR (1)
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
81/82	EB APPROACH					1
61/62/63	SB APPROACH					1
41/42	WB APPROACH					1
PED 64	POLE 4	1				
PED 84	POLE 4	1				
PED 65	POLE 5	1				
PED 43	POLE 5	1				
PED 44	POLE 6	1				
PED 21	POLE 6	1				
PED 22	POLE 3	1				
PED 83	POLE 3	1				
TOTAL		8				

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

(1) NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONES. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.

(2) ALL PUSH BUTTONS SHALL BE APS AND UTILIZE A 2-WIRE CONTROL SYSTEM WITH CONTROL UNIT IN THE CABINET.

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES	(SUBSIDIARY)	18
PULL BOX, CONCRETE, STANDARD	EACH	1
RADAR DETECTION SYSTEM	EACH	1

2070 OUTPUT FILE ASSIGNMENTS

FR1			21, 22 DW		41, 42 R Y G	43, 44 DW	MONITOR
FR2			21, 22 W			43, 44 W	
FR3		61, 62 R Y G	64, 65 DW	70 RL YL FYL	81, 82 R Y G	70 83, 84 DW L	
FR4			64, 65 W			83, 84 W	

SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA	SIGNAL SIGN MOUNTING HARDWARE
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
1	R3-2	24 X 24	4.0	4.0	1
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	R3-4	36 X 36	9.0		
	R10-5	24 X 30	5.0		
	R10-12	24 X 30	5.0		
1	D3-1 (W 7TH ST)	60 X 18	7.5	7.5	1
2	D3-1 (S JOPLIN AVE)	84 X 18	10.5	21.0	2
4	R10-3E (L)	9 X 15	0.9	3.6	4
4	R10-3E (R)	9 X 15	0.9	3.6	4
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
1	R10-27A	30 X 36	7.5	7.5	1
	R10-15R	30 X 36	7.5		
		SUBTOTAL	47.2	13	
		TOTAL	47.2	13	

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U		21				41					UPS	P2	P6	FLASH SENSE
	L						42					UPS	P4	P8	STOP TIME
"J"	U		61			70	81								
	L		62				82								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = 12

JOPLIN AVENUE & ROUTE 66
INTERSECTION

D-37C
SIGNAL PLAN
SHEET 28 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	174

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

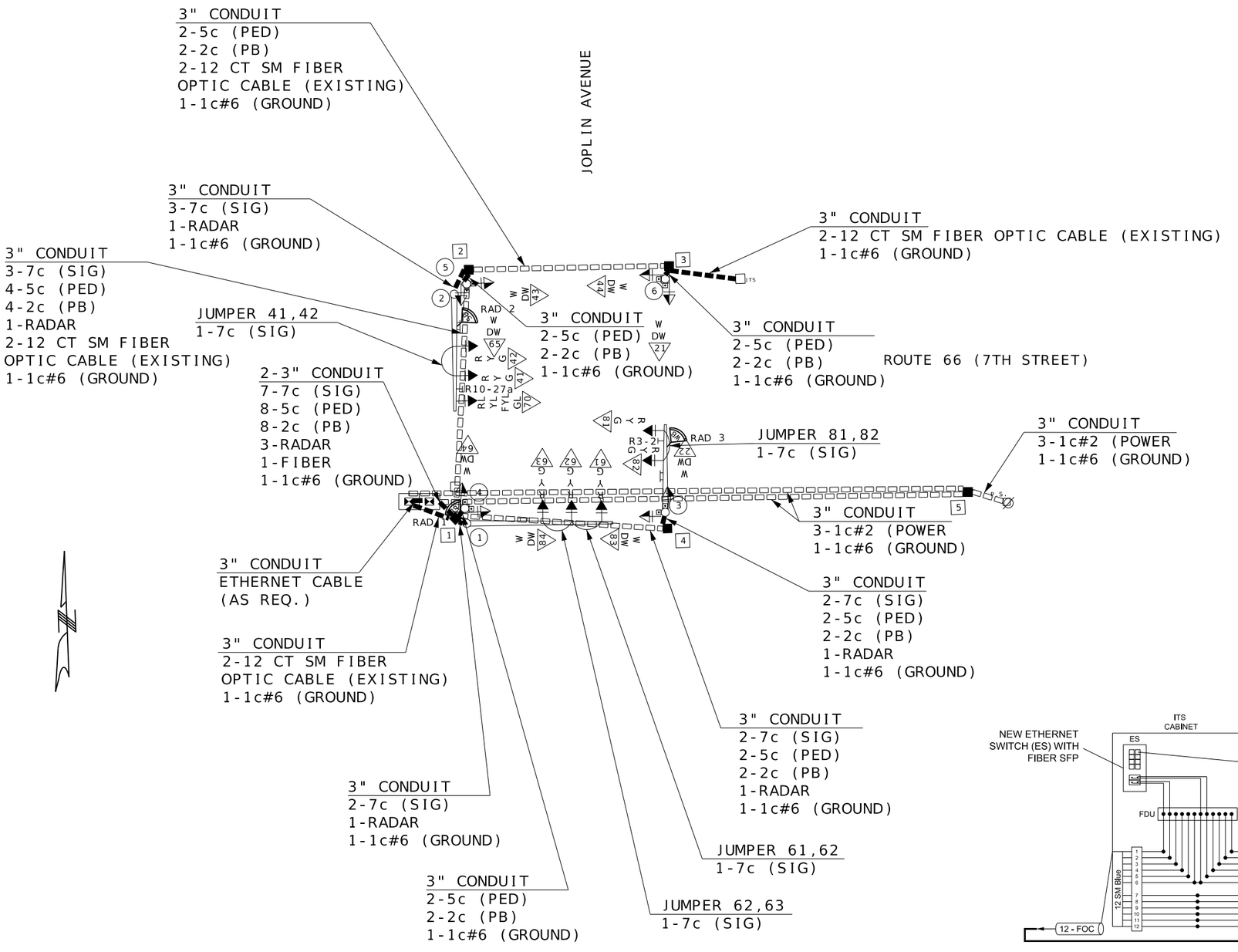
DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

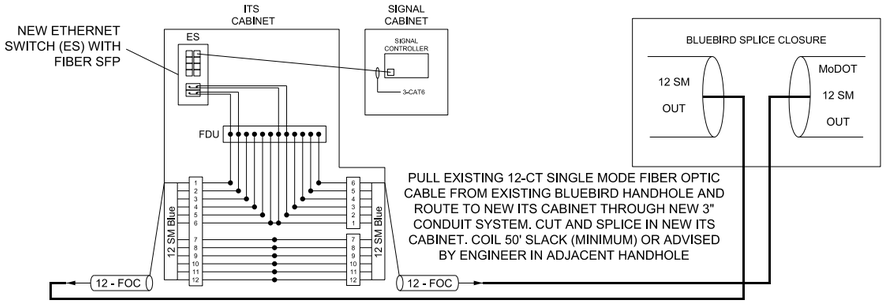
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

WIRING DIAGRAM



LEGEND

3" ━━	CONDUIT CONTAINING CABLE WITH SIZE
———	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
(X)	POST WITH NUMBER
(X)	POST WITH MAST ARM
(X)	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
— X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER



JOPLIN AVENUE & ROUTE 66

INTERSECTION

D-37D

SIGNAL PLAN
SHEET 29 OF 30

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	175

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

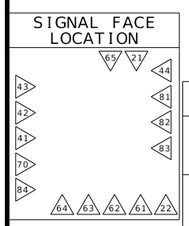
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

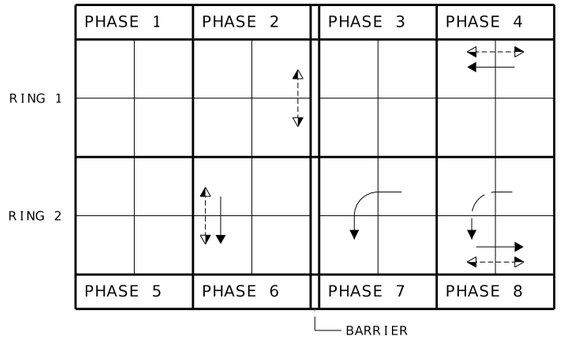
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

		PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS					41 42		61 62 63	70	81 82	21 22	43 44	64 65	83 84	FACE NUMBERS
SIGNAL INDICATIONS	R				R R		R R R	R	R R	DW DW	DW DW	DW DW	DW DW	R
	Y				Y Y		Y Y Y	Y	Y Y	FDW FDW	FDW FDW	FDW FDW	FDW FDW	Y
	FYA							FYL						FYA
	G				G G		G G G	G	G G	W W	W W	W W	W W	G
DETECTOR ASSIGNMENTS					41 42		61 62 63	70	81 82					DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)										PB 22 PB 21	PB 44 PB 43	PB 65 PB 64	PB 84 PB 83	
OVERLAP PARENT PHASES														



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL MOVEMENTS	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

JOPLIN AVENUE & ROUTE 66

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	176

COUNTY: JASPER

JOB NO.: J7S2185C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

D-38A

SIGNAL PLAN
SHEET 30 OF 30

U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

(U.I.P.)
WEST M3-4 24"x12"
66 M1-5 24"x24"

(R&R)
DO NOT ENTER R5-1 36"x36"
YIELD R1-2 48"x48"x48"
(2)
STA: 252+58.52
OFF: 56.97'LT

(R&R)
W 7th St D3-1 24"x6"
S Harlem Ave D3-1 24"x6"
STOP R1-1 36"x36"
(5)
STA: 257+25.06
OFF: 30.33'RT

255

ROW
GRADING LIMITS
MAIDEN LANE
ROUTE 66 (7TH STREET)
MATCHLINE STA. 257+59.89
ROW
GRADING LIMITS
HARLEM AVENUE
CP 5033

(R&R)
D9-2 24"x24"
M6-1 21"x15"
(1)
STA: 252+70.58
OFF: 39.95'RT

(R&R)
EAST M3-2 24"x12"
66 M1-5 24"x24"
(3)
STA: 256+66.00
OFF: 30.18'RT

(R&R)
R5-2 24"x24"
(4)
STA: 256+83.98
OFF: 39.91'RT

NOTES:
1. SEE STANDARD PLANS 903.02 & 903.03 FOR SIGNING DETAILS. FOR INSTALLATION, MOUNTING HEIGHTS, ETC. FOLLOWING URBAN GUIDELINES IN ALL INSTANCES.

2. ALL COUNTY ROAD AND CITY STREET PLAQUES SHALL BE CONSIDERED INCIDENTAL TO THE REMOVAL OF EXISTING SIGNS. THESE SIGNS SHALL BE KEPT IN GOOD CONDITION AND SHALL BE REINSTALLED OVER NEW SIGNS AT NO DIRECT PAY.

3. CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNING THROUGHOUT CONSTRUCTION. IF REMOVED AND RELOCATED, SIGNING SHOULD BE MAINTAINED IN A CONSPICUOUS LOCATION THROUGHOUT CONSTRUCTION.

SCALE
0 20 40 60

SIGNING
SHEET 1 OF 12

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 177
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

(R&R)
SPEED LIMIT 35
R2-1
30"x36"
6
STA: 259+27.04
OFF: 31.18'LT

(R&R)
W 7th St
D3-1
24"x6"
S Porter Ave
D3-1
24"x6"
STOP
R1-1
36"x36"
7
STA: 260+63.86
OFF: 32.40'LT

(U.I.P.)
NO PARKING HERE TO CORNER
R7-11
12"x18"

260

PORTER AVENUE

GRADING LIMITS

ROUTE 66 (7TH STREET)

MATCHLINE STA. 257+59.89

STA. 262+99.89

ROW

GRADING LIMITS

(R&R)
W 7th St
D3-1
24"x6"
S Porter Ave
D3-1
24"x6"
STOP
R1-1
36"x36"
8
STA: 261+04.25
OFF: 33.70'RT

NOTES:
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SCALE
0 20 40 60

SIGNING
SHEET 2 OF 12

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	178

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

(R&R)
W 7th St — D3-1 24"x6"
S Empire Ave — D3-1 24"x6"
STOP — R1-1 36"x36"
(9)
STA: 264+44.30
OFF: 35.87' LT

EMPIRE AVENUE

265

GRADING LIMITS

(R&R)
SPEED LIMIT 35 — R2-1 30"x36"
(11)
STA: 266+90.41
OFF: 30.55' LT

MATCHLINE STA. 262+99.89

ROUTE 66 (7TH STREET)

MATCHLINE STA. 268+39.89

GRADING LIMITS

PICHER AVENUE

(R&R)
W 7th St — D3-1 24"x6"
S Empire Ave — D3-1 24"x6"
STOP — R1-1 36"x36"
(10)
STA: 264+83.39
OFF: 35.53' RT

RELOCATE EXISTING FLASHER AND SOLAR PANEL TO NEW POST,NO DIRECT PAY. REMOVE EXISTING SIGNS AND REPLACE WITH NEW SIGNS

W11-2F 36"x36"

AHEAD — W16-9 24"x12"
(12)
STA: 266+84.40
OFF: 32.21' RT

SCALE
0 20 40 60

NOTES:
1. SEE STANDARD PLANS 903.02 & 903.03 FOR SIGNING DETAILS. FOR INSTALLATION, MOUNTING HEIGHTS, ETC. FOLLOWING URBAN GUIDELINES IN ALL INSTANCES.

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3. CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNING THROUGHOUT CONSTRUCTION. IF REMOVED AND RELOCATED, SIGNING SHOULD BE MAINTAINED IN A CONSPICUOUS LOCATION THROUGHOUT CONSTRUCTION.

SIGNING
SHEET 3 OF 12

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	179

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

MATCHLINE STA. 268+39.89

MATCHLINE STA. 273+79.89

PICHER AVENUE

GRADING LIMITS

270

ROUTE 66 (7TH STREET)

GRAY AVENUE

MURPHY AVENUE

(R&R)
W 7th St — D3-1 24"x6"
S Picher Ave — D3-1 24"x6"
STOP — R1-1 36"x36"
14
STA: 268+79.22
OFF: 35.15'LT

W11-2F 36"x36"
W16-7p 24"x12"
17
STA: 272+61.55
OFF: 29.57'LT

STA: 273+20.57
OFF: 43.07'LT
(R&R)
W 7th St — D3-1 24"x6"
S Gray Ave — D3-1 24"x6"
STOP — R1-1 36"x36"
18

AHEAD
REMOVE

(R&R)
W 7th St — R2-5cP 24"x6"
S Picher Ave — R2-5cP 24"x6"
STOP — R1-1 36"x36"
13
STA: 268+55.42
OFF: 33.46'RT

GRADING LIMITS

AHEAD
REMOVE

(R&R)
W 7th St — D3-1 24"x6"
S Murphy Ave — D3-1 24"x6"
STOP — R1-1 36"x36"
15
STA: 271+83.75
OFF: 33.68'RT

W11-2F 36"x36"
W16-7p 24"x12"
16
STA: 272+37.46
OFF: 30.26'RT

AHEAD
REMOVE

NOTES:
1. SEE STANDARD PLANS 903.02 & 903.03 FOR SIGNING DETAILS. FOR INSTALLATION, MOUNTING HEIGHTS, ETC. FOLLOWING URBAN GUIDELINES IN ALL INSTANCES.

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SCALE
0 20 40 60

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 180
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SIGNING
SHEET 4 OF 12

U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

RELOCATE EXISTING FLASHER AND SOLAR PANEL TO NEW POST,NO DIRECT PAY. REMOVE EXISTING SIGNS AND REPLACE WITH NEW SIGNS

W11-2F 36"x36"

AHEAD W16-9 24"x12"

(20)

STA: 277+07.06
OFF: 30.90'LT

(R&R)

W 7th St D3-1 24"x6"

S Conner Ave D3-1 24"x6"

STOP R1-1 36"x36"

(21)

STA: 277+62.61
OFF: 34.20'LT

GRADING LIMITS

275

MATCHLINE STA. 273+79.89

ROUTE 66 (7TH STREET)

CONNOR AVENUE

MATCHLINE STA. 279+19.89

CHESTNUT AVENUE

(R&R)

W 7th St D3-1 24"x6"

S Chestnut Ave D3-1 24"x6"

STOP R1-1 36"x36"

(19)

STA: 275+11.07
OFF: 48.92'RT

GRADING LIMITS

(R&R)

SPEED LIMIT 35 R2-1 30"x36"

(22)

STA: 277+74.08
OFF: 30.55'RT

CONNOR AVE

(R&R)

W 7th St D3-1 24"x6"

S Connor Ave D3-1 24"x6"

STOP R1-1 36"x36"

(23)

STA: 278+34.86
OFF: 36.38'RT

NOTES:
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SCALE
0 20 40 60

SIGNING
SHEET 5 OF 12

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	181

COUNTY JASPER

JOB NO. J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

MATCHLINE STA. 279+19.89

MATCHLINE STA. 284+59.89

280

JACKSON AVENUE

ROUTE 66 (7TH STREET)

GRADING LIMITS

GRADING LIMITS

(R&R)
W 7th St — D3-1 24"x6"
S Jackson Ave — D3-1 24"x6"
STOP — R1-1 36"x36"
24
STA: 281+48.78
OFF: 34.98'LT

AHEAD
REMOVE

(R&R)
W 7th St — D3-1 24"x6"
S Jackson Ave — D3-1 24"x6"
STOP — R1-1 36"x36"
25
STA: 281+89.65
OFF: 37.38'RT

(R&R)
SPEED LIMIT 35 — R2-1 30"x36"
26
STA: 283+44.63
OFF: 29.83'RT

SCALE
0 20 40 60

NOTES:
1. SEE STANDARD PLANS 903.02 & 903.03 FOR SIGNING DETAILS. FOR INSTALLATION, MOUNTING HEIGHTS, ETC. FOLLOWING URBAN GUIDELINES IN ALL INSTANCES.

2. ALL COUNTY ROAD AND CITY STREET PLAQUES SHALL BE CONSIDERED INCIDENTAL TO THE REMOVAL OF EXISTING SIGNS. THESE SIGNS SHALL BE KEPT IN GOOD CONDITION AND SHALL BE REINSTALLED OVER NEW SIGNS AT NO DIRECT PAY.

3. CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNING THROUGHOUT CONSTRUCTION. IF REMOVED AND RELOCATED, SIGNING SHOULD BE MAINTAINED IN A CONSPICUOUS LOCATION THROUGHOUT CONSTRUCTION.

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 182
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

SIGNING
SHEET 6 OF 12

U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

MATCHLINE STA. 284+59.89

MATCHLINE STA. 289+99.89

SERGEANT AVENUE 285

MOFFET AVENUE

ROUTE 66 (7TH STREET)

GRADING LIMITS

(R&R)
W 7th St D3-1 24"x6"
S Sergeant Ave D3-1 24"x6"
STOP R1-1 36"x36"
27
STA: 284+79.31
OFF: 37.00' LT

(R&R)
SPEED LIMIT 35 R2-1 30"x36"
28
STA: 285+18.90
OFF: 33.45' LT

(R&R)
W 7th St D3-1 24"x6"
S Moffet Ave D3-1 24"x6"
STOP R1-1 36"x36"
30
STA: 288+08.71
OFF: 34.76' LT

GRADING LIMITS

(R&R)
W 7th St D3-1 24"x6"
S Sergeant Ave D3-1 24"x6"
STOP R1-1 36"x36"
AHEAD
REMOVE
29
STA: 285+17.36
OFF: 34.70' RT

(R&R)
W 7th St D3-1 24"x6"
S Moffet Ave D3-1 24"x6"
STOP R1-1 36"x36"
31
STA: 288+48.84
OFF: 34.03' RT

NOTES:
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SCALE
0 20 40 60

SIGNING
SHEET 7 OF 12

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	183

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

(R&R)
W 7th St D3-1 24"x6"
S Byers Ave D3-1 24"x6"
STOP R1-1 36"x36"
32
STA: 291+37.35
OFF: 35.55' LT

BYERS AVENUE

GRADING LIMITS

290

295

MATCHLINE STA. 289+99.89

MATCHLINE STA. 295+39.89

ROUTE 66 (7TH STREET)

ROW

GRADING LIMITS

ROW

PEARL AVENUE

(R&R)
W 7th St D3-1 24"x6"
S Byers Ave D3-1 24"x6"
STOP R1-1 36"x36"
33
STA: 291+80.86
OFF: 38.71' RT

NOTES:
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SCALE
0 20 40 60

SIGNING
SHEET 8 OF 12

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	184

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

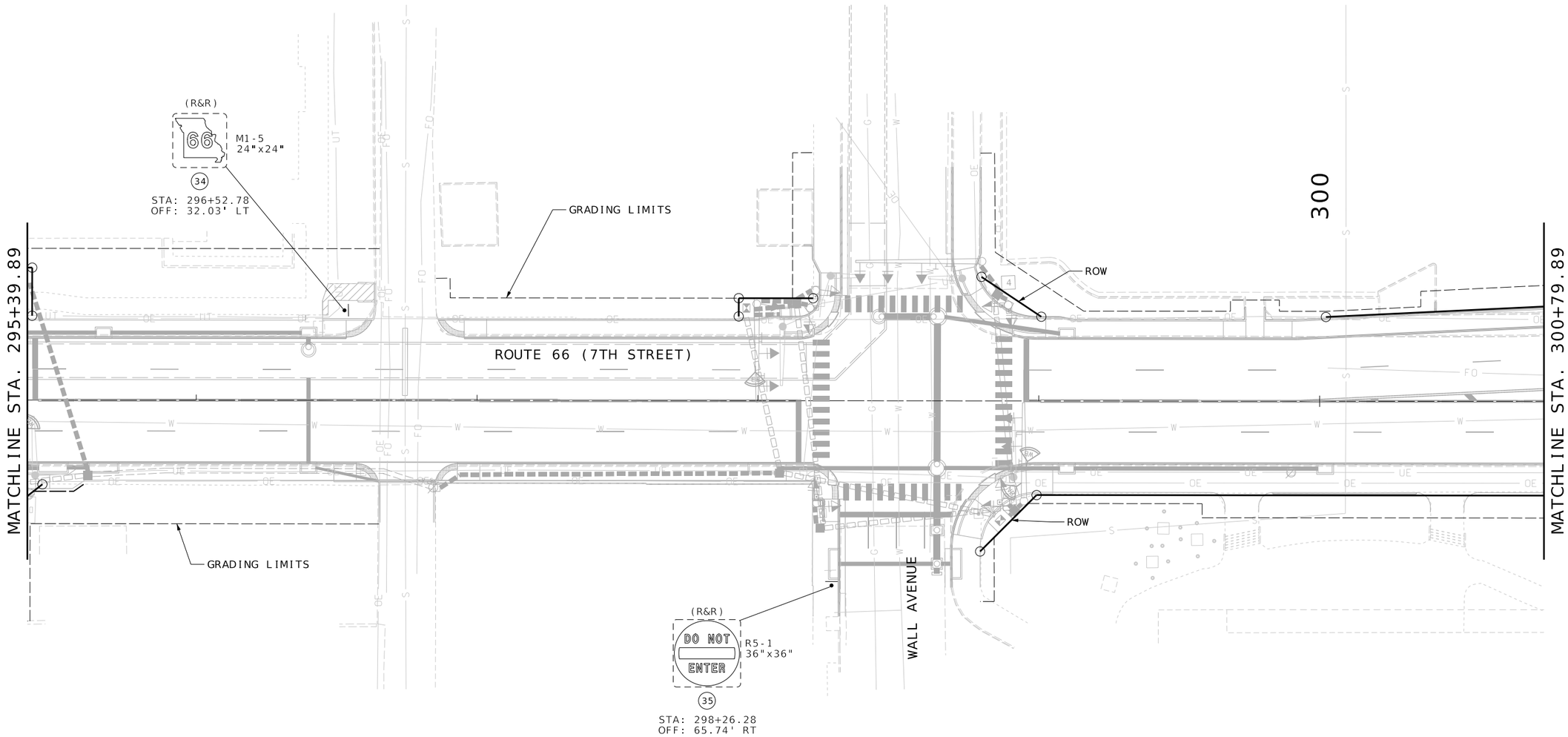
DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE



NOTES:
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SCALE
0 20 40 60

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	185

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SIGNING
SHEET 9 OF 12

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U.I.P. - USE IN PLACE
R&R - REMOVE & RESET
R- REMOVE

(U.I.P.)
DO NOT ENTER
R5-1
36"x36"

(U.I.P.)
DO NOT ENTER
R5-1
36"x36"

(U.I.P.)
WEST
M3-4
24"x12"
66
M1-5
24"x24"

MATCHLINE STA. 300+79.89

GRADING LIMITS
ROW
ROUTE 66 (7TH STREET)
MAIN STREET
305
JOPLIN AVENUE
GRADING LIMITS
ROW

(R&R)
JCT
M2-1P
21"x15"
M1-5
24"x24"
43
BUSINESS LOOP
44
M1-2
24"x24"
36
STA: 302+34.10
OFF: 29.59' RT

66
M1-5
24"x24"
M6-3
21"x15"
(U.I.P.)
M1-5
24"x24"
43
BUSINESS LOOP
44
M1-2
24"x24"
M6-4
21"x15"
M6-6P
21"x15"

SCALE
0 20 40 60

NOTES:
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SIGNING
SHEET 10 OF 12

JEREMY SCOTT STRETZ
NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	186

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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SIGNS						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS*						PIPE POSTS*					BACKING BARS**				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE POST										BREAKWAY ASSEMBLY ITEM NO. 9031241	REMARKS AND OTHER REQUIRED ITEMS.
																			2" X 3/8" BARS AT 2.55 LBS/FT					2-INCH POST						2.5-INCH POST						
																										ANCHORS						ANCHORS			
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	POST DES NO.	POST NO. 1	POST NO. 2	POST NO. 3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO. 9031220	NO. EACH	LGTH	TOTAL	TOTAL	ITEM NO. 9031250A	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031270A	DRIVEN 12 GA. ITEM NO. 9031271A	DRIVEN 7 GA. ITEM NO. 9031273A	CONCRETE 7 GA. ITEM NO. 9031274	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7 GA. ITEM NO. 9031281A	CONCRETE 7 GA. ITEM NO. 9031285		
						CY		LF	LF	LF		LBS	IN.	LF	LF		LBS		IN.	LF	LBS	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EACH	
1	EXST SIGN	252+70	40' RT.	ROUTE 66																									16		16		1			
2	EXST SIGN	252+59	57' LT	ROUTE 66																									16		16		1			
3	EXST SIGN	256+66	30' RT.	ROUTE 66																									16		16		1			
4	EXST SIGN	256+84	40' RT.	ROUTE 66																									16		16		1			
5	EXST SIGN	257+25	30' RT.	ROUTE 66																									16		16		1			
6	EXST SIGN	259+27	31' LT.	ROUTE 66																									16		16		1			
7	EXST SIGN	260+64	33' LT.	ROUTE 66																									16		16		1			
8	EXST SIGN	261+04	34' RT.	ROUTE 66																									16		16		1			
9	EXST SIGN	264+44	36' LT.	ROUTE 66																									16		16		1			
10	EXST SIGN	264+83	35' RT.	ROUTE 66																									16		16		1			
11	EXST SIGN	266+90	31' LT.	ROUTE 66																									16		16		1			
12	36"X36"	266+84	32' RT.	ROUTE 66																									16		16	1		1	1	RELOCATE FLASHER AND SOLAR PANEL ON NEW POST
12	24"X12"			ROUTE 66																																SHARED
13	EXST SIGN	268+80	34' RT.	ROUTE 66																									16		16		1			
14	EXST SIGN	268+79	35' LT.	ROUTE 66																									16		16		1			
15	EXST SIGN	271+84	34' RT.	ROUTE 66																									16		16		1			
16	36"X36"	272+37	30' RT.	ROUTE 66																									16		16		1			
16	24"X12"			ROUTE 66																																SHARED
17	36"X36"	272+62	30' LT.	ROUTE 66																									16		16		1			
17	24"X12"			ROUTE 66																																SHARED
18	EXST SIGN	273+20	43' LT.	ROUTE 66																									16		16		1			
19	EXST SIGN	275+11	49' RT	ROUTE 66																									16		16		1			
20	36"X36"	277+07	31' LT.	ROUTE 66																									16		16	1		1	1	RELOCATE FLASHER AND SOLAR PANEL ON NEW POST
20	24"X12"			ROUTE 66																																SHARED
21	EXST SIGN	277+62	34' LT.	ROUTE 66																									16		16		1			
22	EXST SIGN	277+74	31' RT.	ROUTE 66																									16		16		1			
23	EXST SIGN	278+35	36' RT.	ROUTE 66																									16		16		1			
24	EXST SIGN	281+49	35' LT.	ROUTE 66																									16		16		1			
25	EXST SIGN	281+90	37' RT.	ROUTE 66																									16		16		1			
26	EXST SIGN	283+44	30' RT.	ROUTE 66																									16		16		1			
27	EXST SIGN	284+79	37' LT.	ROUTE 66																									16		16		1			
28	EXST SIGN	285+19	34' LT.	ROUTE 66																									16		16		1			
29	EXST SIGN	285+17	35' RT.	ROUTE 66																									16		16		1			
30	EXST SIGN	288+09	35' LT.	ROUTE 66																									16		16		1			
31	EXST SIGN	286+48	34' RT.	ROUTE 66																									16		16		1			
32	EXST SIGN	291+37	35' LT.	ROUTE 66																									16		16		1			
33	EXST SIGN	291+80	39' RT.	ROUTE 66																									16		16		1			
34	EXST SIGN	296+53	32' LT.	ROUTE 66																									16		16		1			
35	EXST SIGN	296+26	66' RT.	ROUTE 66																									16		16		1			
36	EXST SIGN	302+34	30' RT.	ROUTE 66																									16		16		1			RE-USE EXISTING BACKING BARS WITH SIGNING ASSEMBLY
				SUBTOTAL																									576	2	34	2	2		
				TOTAL																		**							580	2	34	2	2		

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS

**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OF PIPE POSTS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	187

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

SIGNING
SHEET 11 OF 12

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STANDARD SIGN ASSEMBLIES

SIGN NO.	STATION OR LOG MILE	LOCATION	SHF PEDESTRIAN CROSSING 36"X36" W11-2	SHF AHEAD 24"X12" W16-9	SHF ARROW 24"X15" W16-7P
12	266+84	ROUTE 66	1		
12	266+84	ROUTE 66		1	
16	272+37	ROUTE 66	1		
16	272+37	ROUTE 66			1
17	272+62	ROUTE 66	1		
17	272+62	ROUTE 66			1
20	277+07	ROUTE 66	1		
20	277+07	ROUTE 66		1	
		TOTALS	4	2	2

SIGN SUMMARY

STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL. SHT. NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET: FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF ITEM NO. 9035071A
W11-2	STD	4	36"X36"		36.0		
W16-9	STD	2	24"X12"		4.0		
W16-7P	STD	2	24"X15"		5.0		
			TOTALS	0.0	45.0	0.0	0.0

*ORANGE, YELLOW, AND YELLOW-GREEN

*ORANGE, YELLOW, AND YELLOW-GREEN

JEREMY SCOTT STRETZ NUMBER PE-2017023856

JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED
10/7/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 188

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
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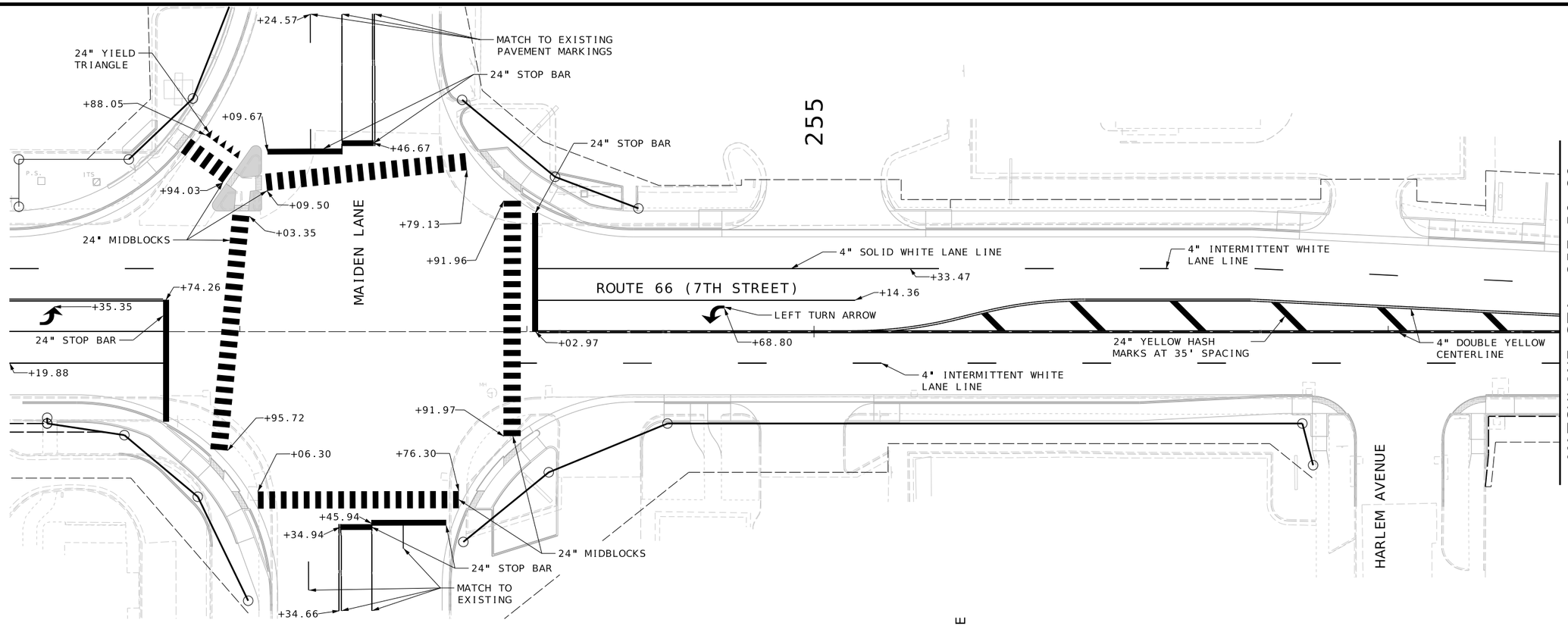

NOTES:

1. SEE STANDARD PLAN 620.00 FOR PAVEMENT MARKING DETAILS.
2. THE CONTRACTOR SHALL REPLACE ALL DISTURBED PAVEMENT MARKINGS AS DIRECTED BY ENGINEER.
3. UNLESS OTHERWISE NOTED, CROSSWALK MARKINGS SHALL BE SPACED EQUALLY WITH ONE BLOCK CENTERED ON EACH LANE. ONE BLOCK ON EACH LANE/CENTER LINE AND ONE HALF BLOCK ON EACH EDGE LINE.
4. WHITE YIELD LINE TRIANGLES SHALL BE PLACED 4' FROM EDGE OF CROSSWALK
5. SEE TYPICAL SECTIONS SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS.
6. INTERMITTENT WHITE MARKINGS ARE 10' LONG WITH 30' SKIPS.

STRIPING LEGEND

- INTERMITTENT WHITE/YELLOW
- SOLID WHITE/YELLOW
- DOUBLE YELLOW

PAVEMENT MARKING
SHEET 1 OF 5

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED	
10/7/2025	
ROUTE 66	STATE MO
DISTRICT SW	SHEET NO. 189
COUNTY JASPER	
JOB NO. J7S2185C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
1301 BROADWAY STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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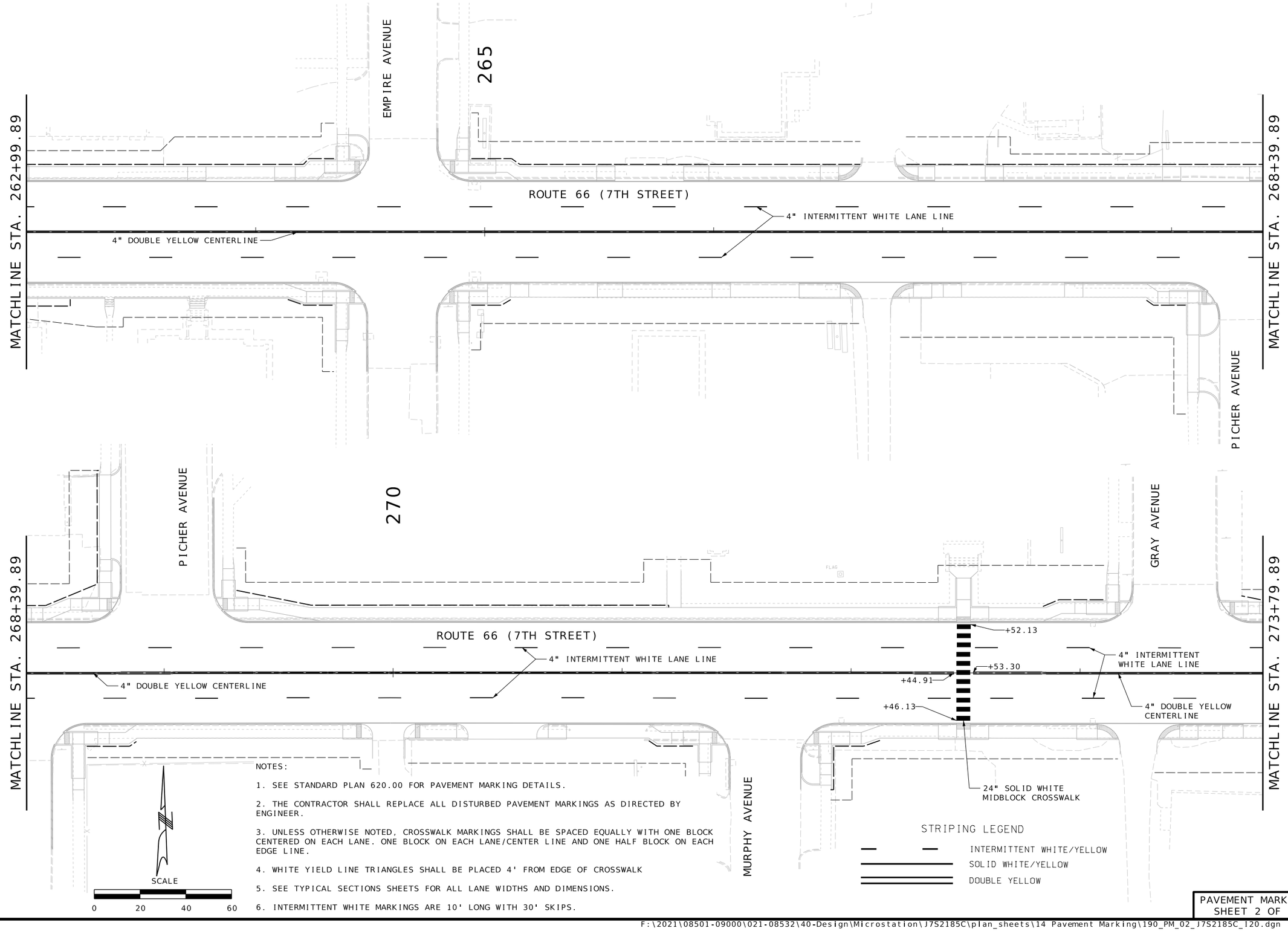

NOTES:

1. SEE STANDARD PLAN 620.00 FOR PAVEMENT MARKING DETAILS.
2. THE CONTRACTOR SHALL REPLACE ALL DISTURBED PAVEMENT MARKINGS AS DIRECTED BY ENGINEER.
3. UNLESS OTHERWISE NOTED, CROSSWALK MARKINGS SHALL BE SPACED EQUALLY WITH ONE BLOCK CENTERED ON EACH LANE. ONE BLOCK ON EACH LANE/CENTER LINE AND ONE HALF BLOCK ON EACH EDGE LINE.
4. WHITE YIELD LINE TRIANGLES SHALL BE PLACED 4' FROM EDGE OF CROSSWALK
5. SEE TYPICAL SECTIONS SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS.
6. INTERMITTENT WHITE MARKINGS ARE 10' LONG WITH 30' SKIPS.

PAVEMENT MARKING
SHEET 2 OF 5

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED	10/7/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	190
COUNTY	JASPER
JOB NO.	J7S2185C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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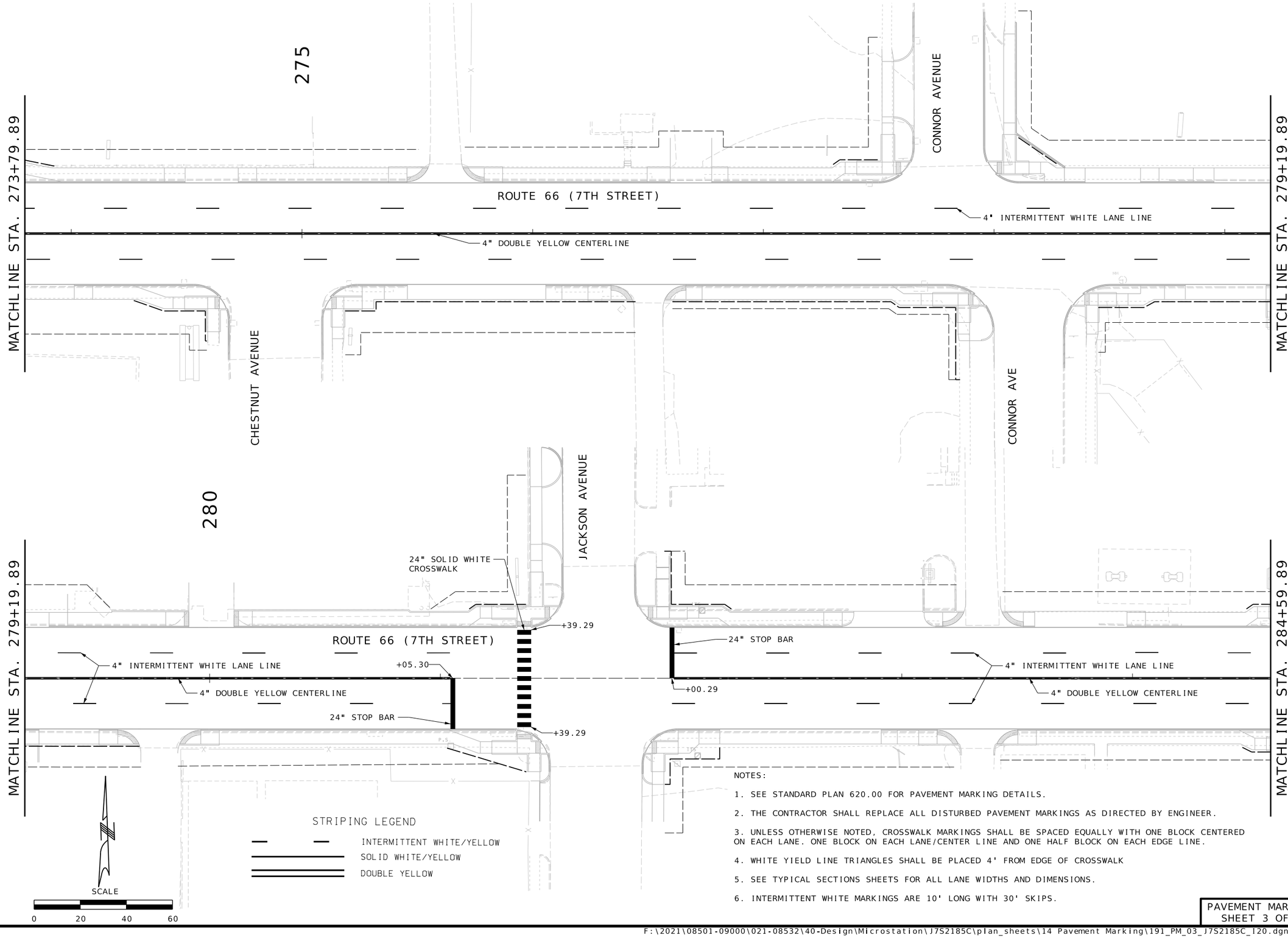

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4. WHITE YIELD LINE TRIANGLES SHALL BE PLACED 4' FROM EDGE OF CROSSWALK
5. SEE TYPICAL SECTIONS SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS.
6. INTERMITTENT WHITE MARKINGS ARE 10' LONG WITH 30' SKIPS.

PAVEMENT MARKING
SHEET 3 OF 5

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	191

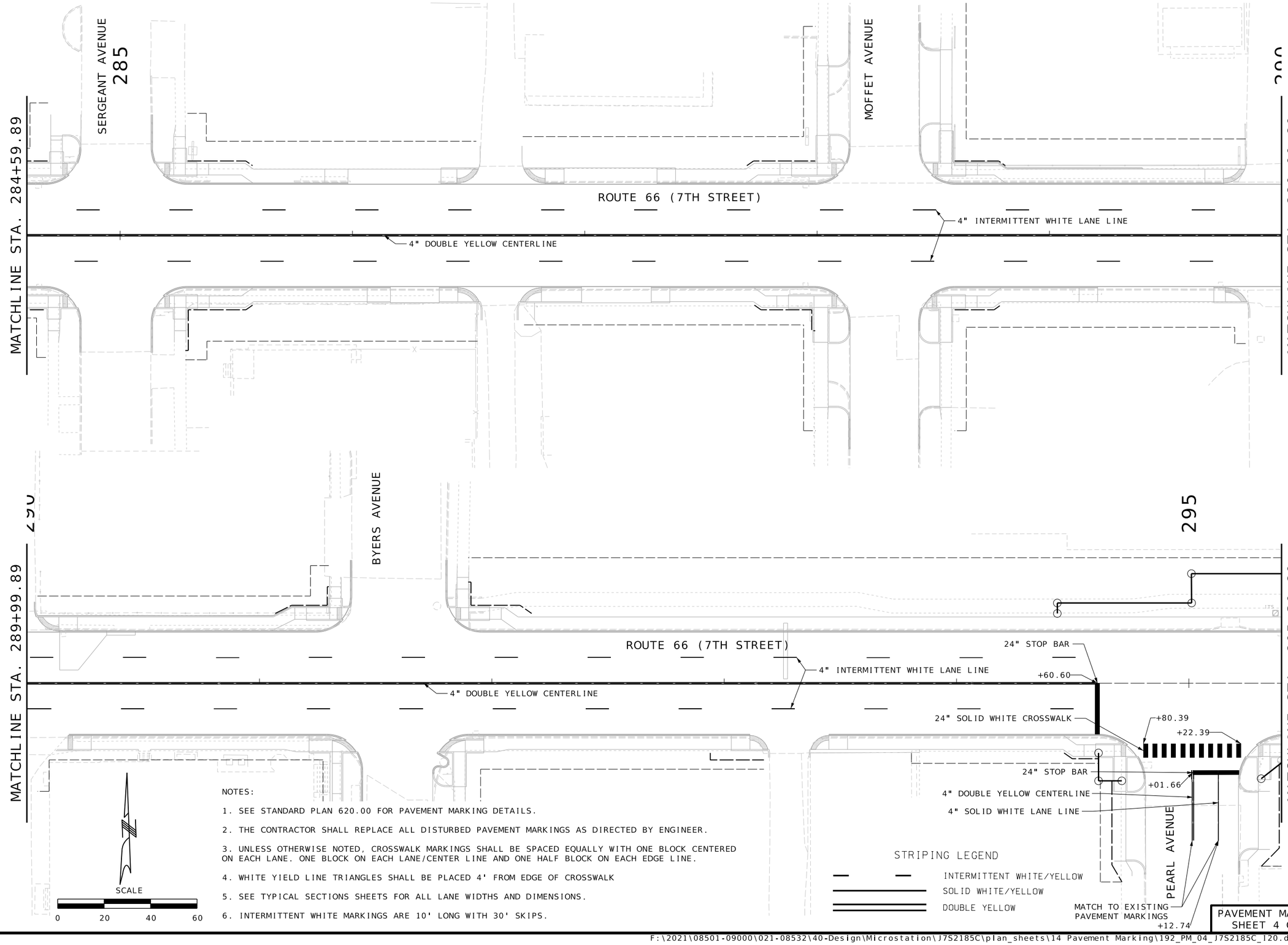
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
1301 BUSINESS LOOP 70 WEST, STE. 100
COLUMBIA, MISSOURI 65203
CERTIFICATE OF
AUTHORITY NO. 001592



NOTES:

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6. INTERMITTENT WHITE MARKINGS ARE 10' LONG WITH 30' SKIPS.

PAVEMENT MARKING
SHEET 4 OF 5

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED: 10/7/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 192
COUNTY: JASPER
JOB NO.: J7S2185C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
1301 BBBDIINCTONOBTEESTREETE. 100
NORSFRKMNGSALDITMO 0B0800116
CERTIFICATE OF
AUTHORITY NO. 001592

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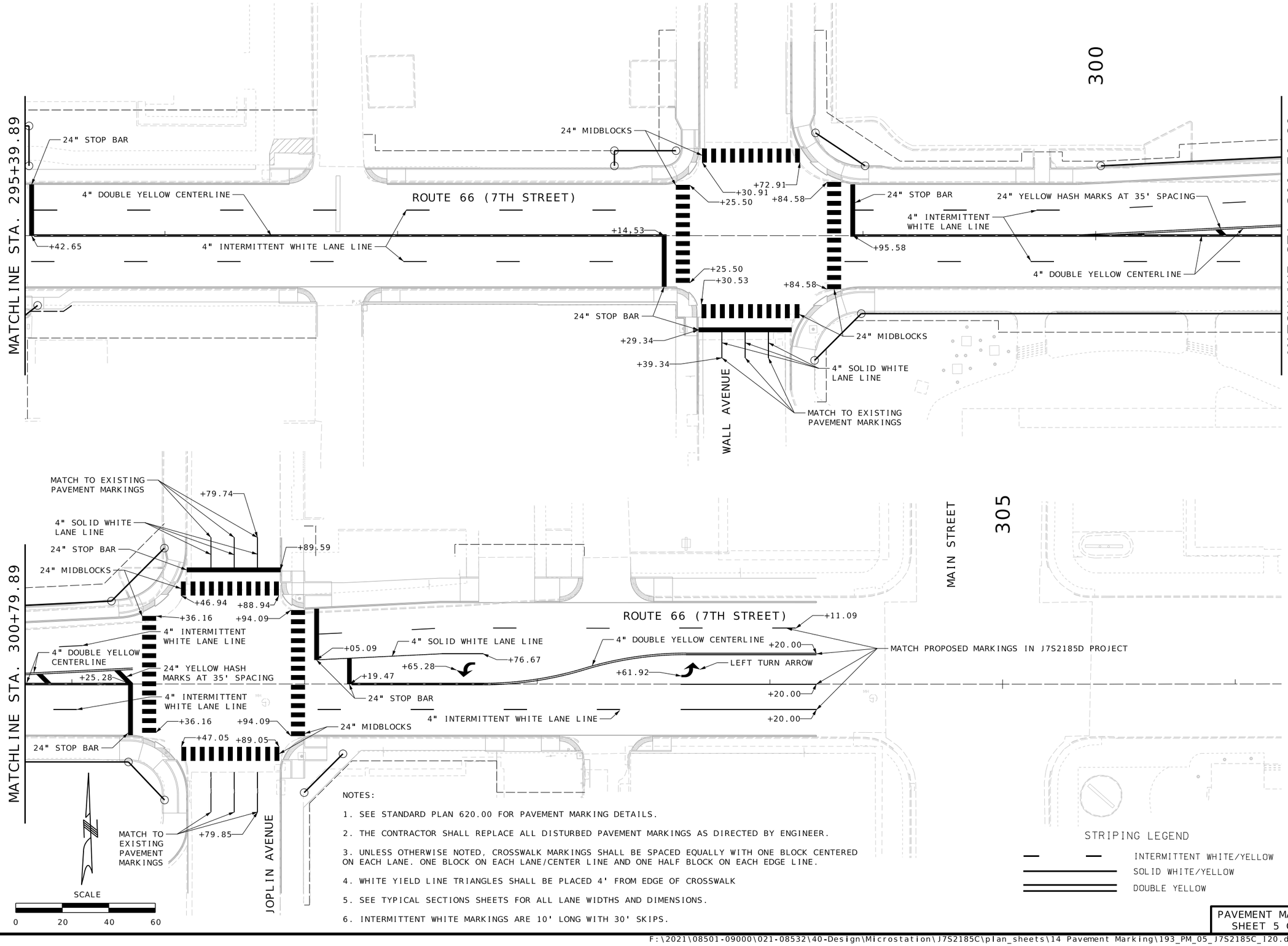

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5. SEE TYPICAL SECTIONS SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS.
6. INTERMITTENT WHITE MARKINGS ARE 10' LONG WITH 30' SKIPS.

STRIPING LEGEND

- INTERMITTENT WHITE/YELLOW
- SOLID WHITE/YELLOW
- DOUBLE YELLOW

PAVEMENT MARKING
SHEET 5 OF 5

JEREMY SCOTT STRETZ NUMBER PE-2017023856
JEREMY SCOTT STRETZ-ENGINEER
MO# PE-2017023856

DATE PREPARED 10/7/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	193

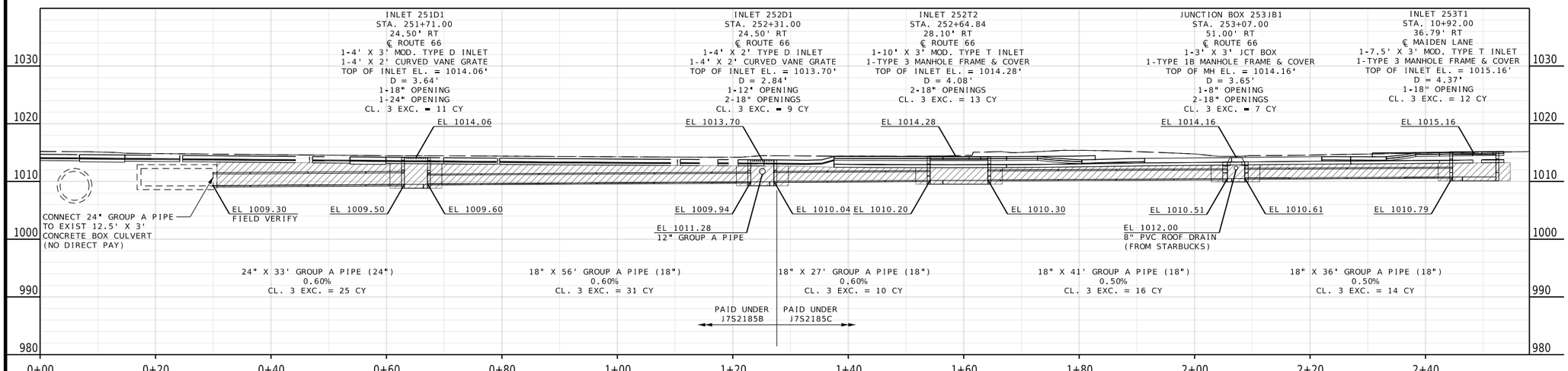
COUNTY JASPER
JOB NO. J7S2185C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

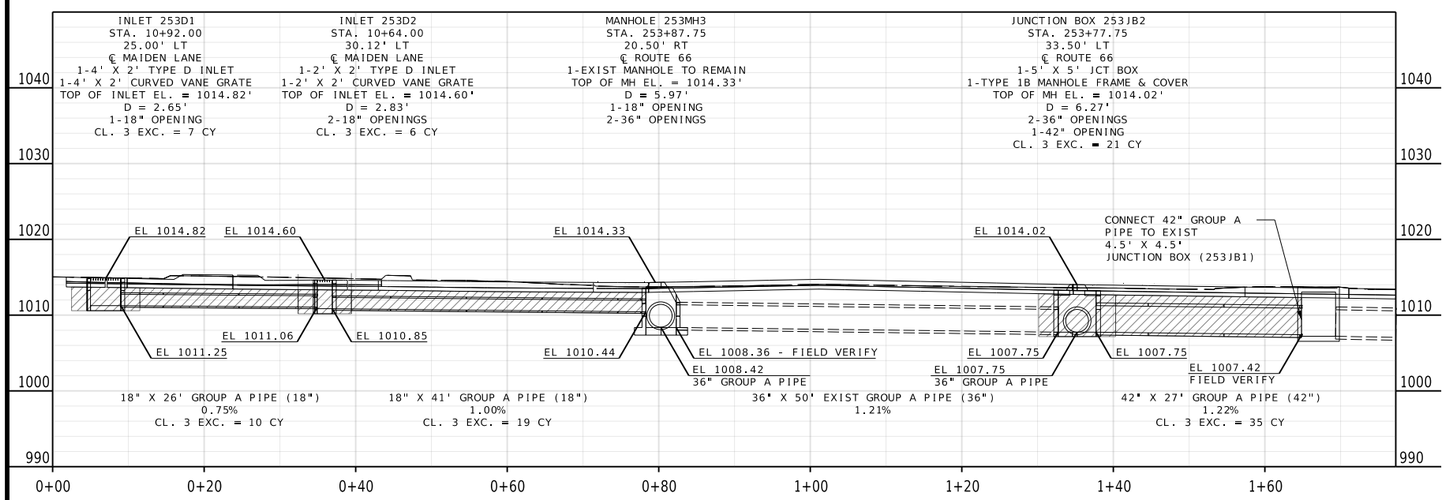
DESCRIPTION | DATE

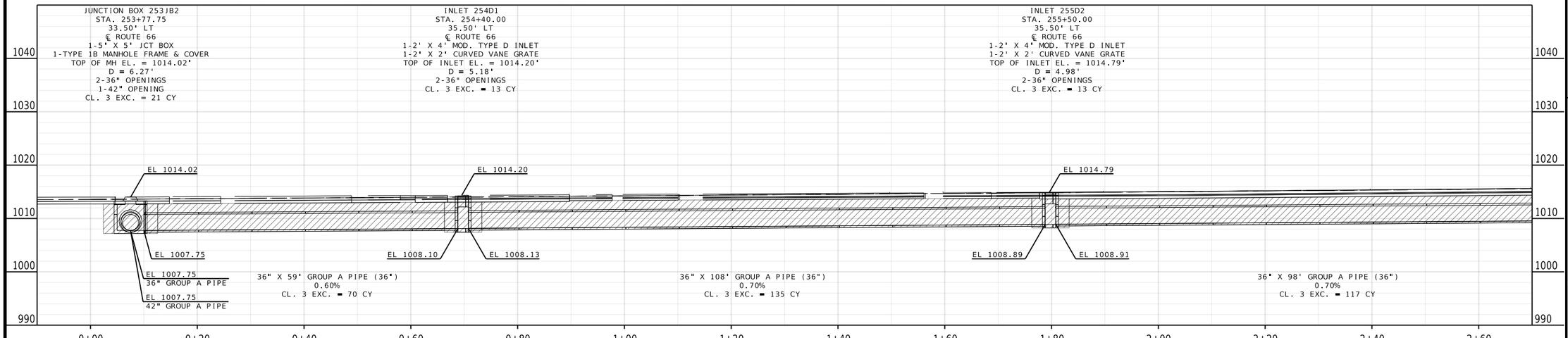
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
1301 BBBDIINGTONOBTREESTE. 100
NORSFARKMGGALDITMO 6800116
CERTIFICATE OF
AUTHORITY NO. 001592







NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
703.16, 703.17, & 703.60 FOR REINFORCED BOX CULVERTS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	194

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

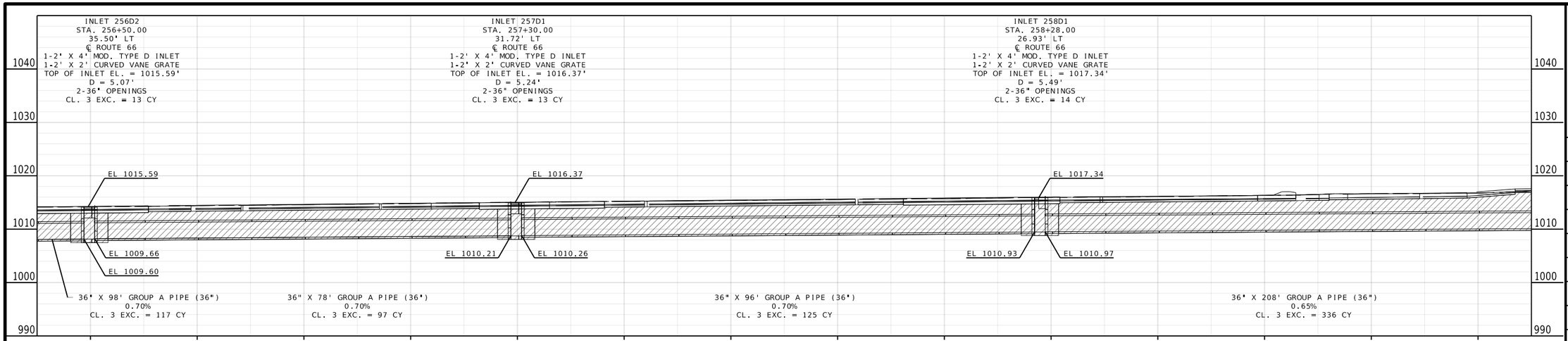
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

CULVERT SECTION
SHEET 1 OF 14

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185C\plan_sheets\15 Culvert Sections\194_CS_01_J7S2185C_I10.dgn 3:34:45 PM 8/8/2025



NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
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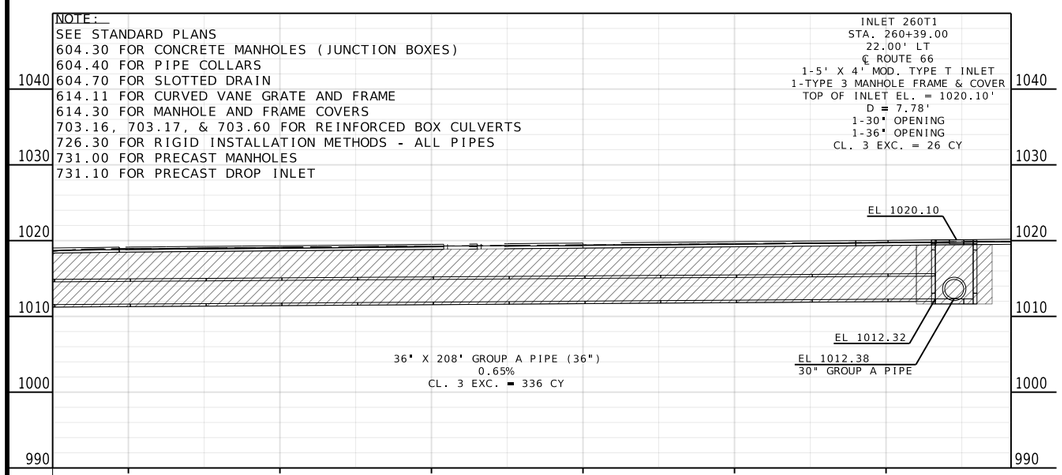
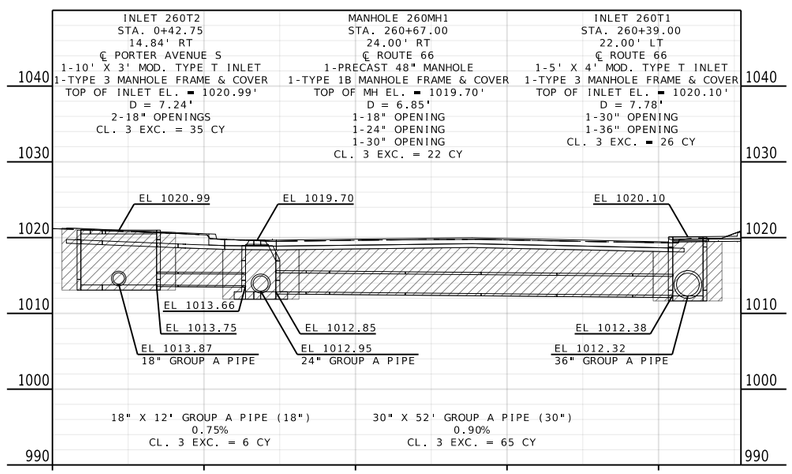
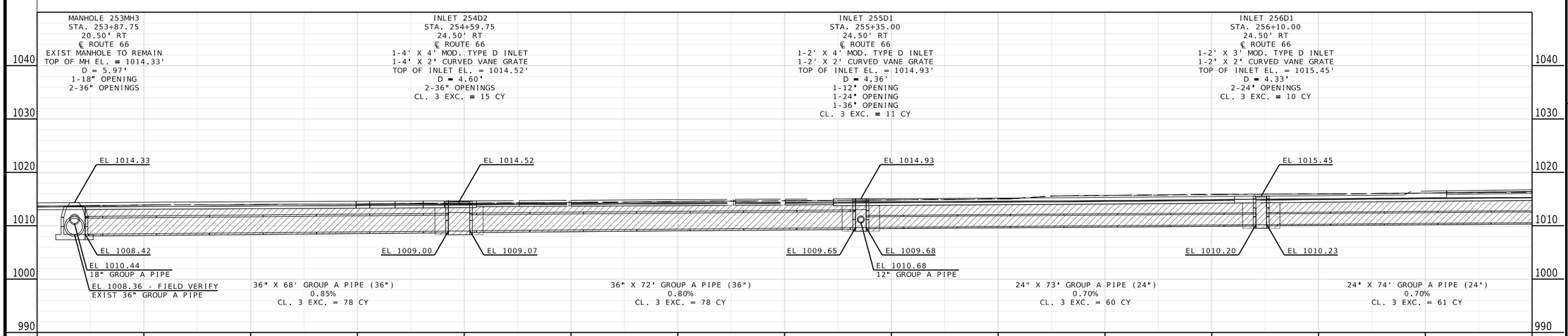
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET







CULVERT SECTION
SHEET 2 OF 14

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	195

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

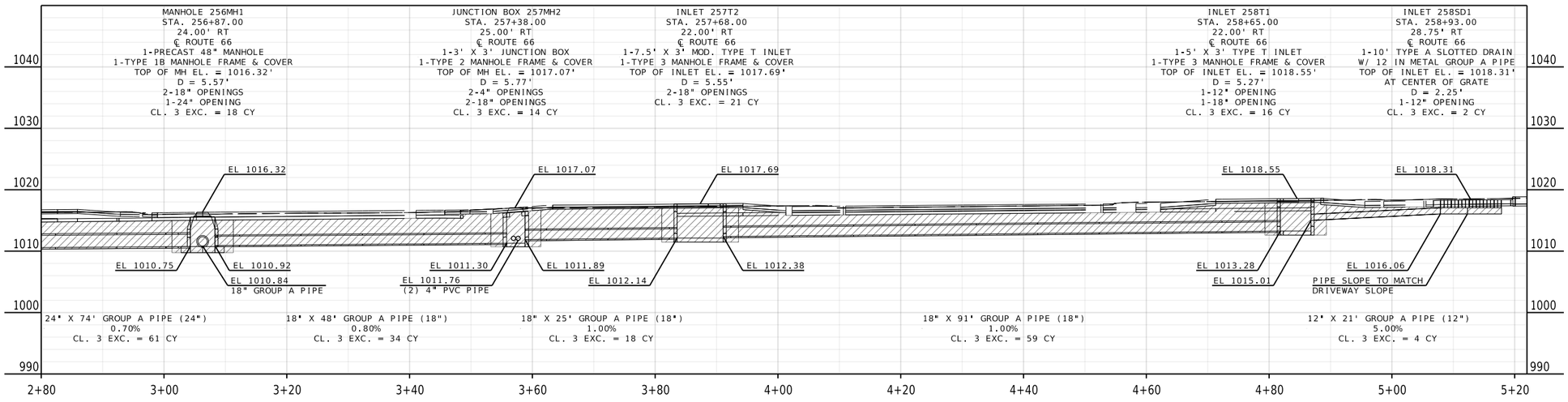
BRIDGE NO.

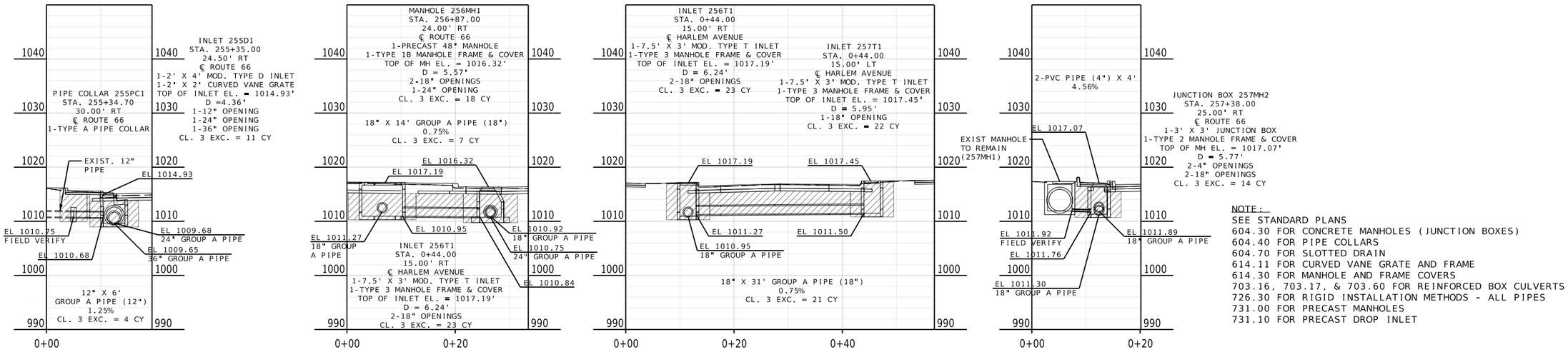
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION

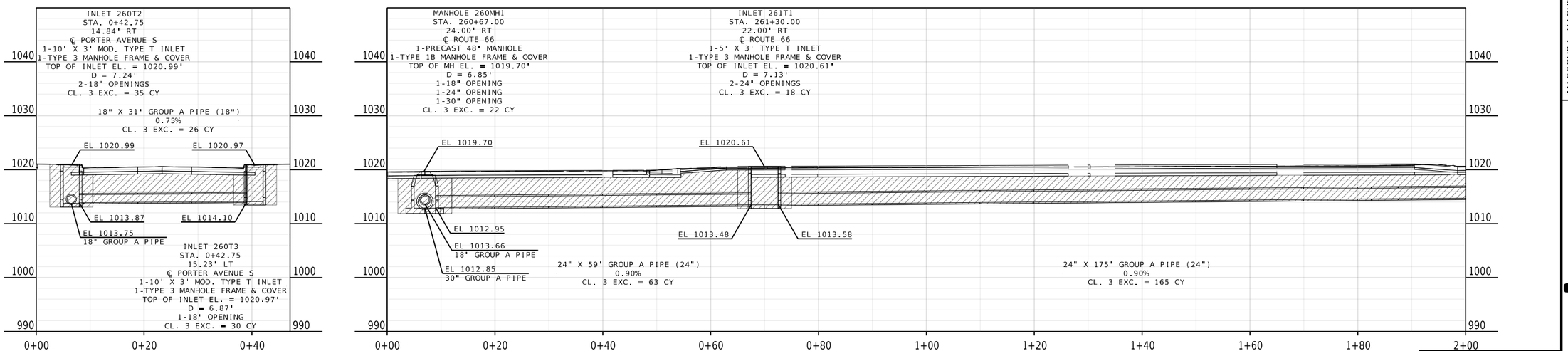
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592





NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
703.16, 703.17, & 703.60 FOR REINFORCED BOX CULVERTS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET



CULVERT SECTION
SHEET 3 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	196

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

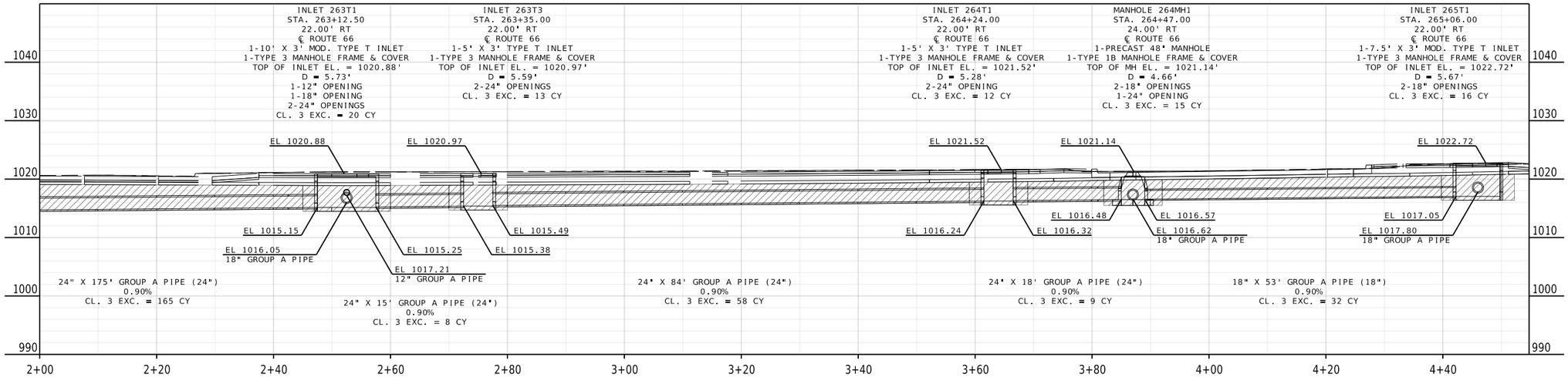
BRIDGE NO.

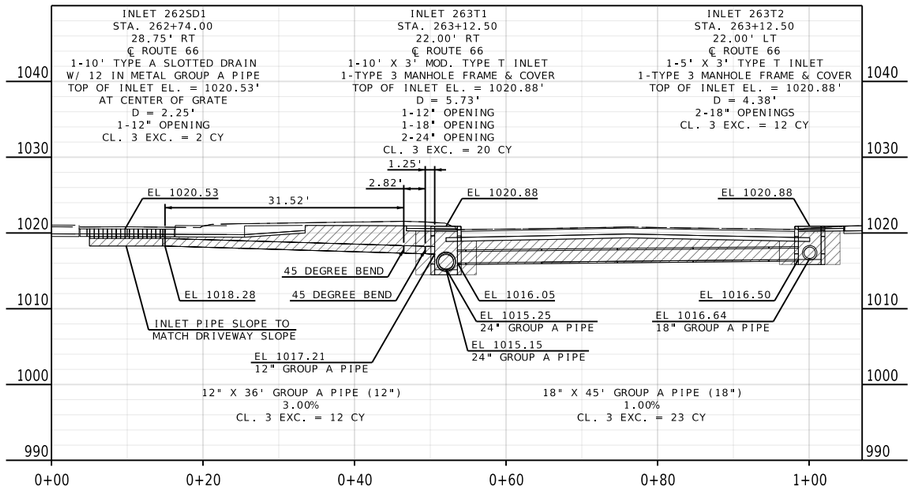
DATE	DESCRIPTION

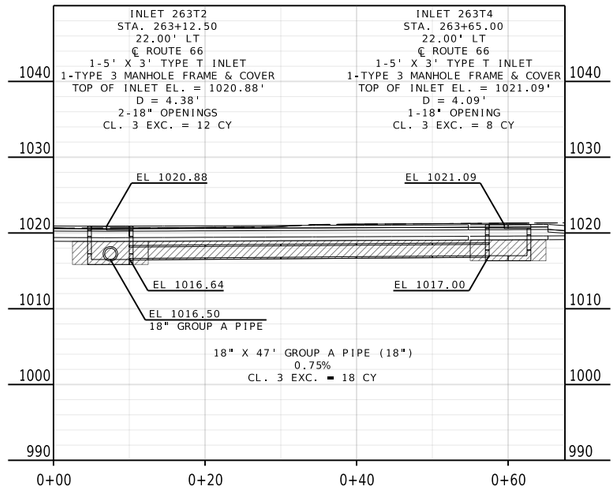
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

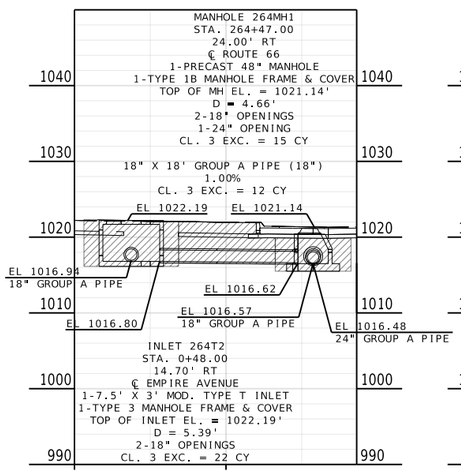
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

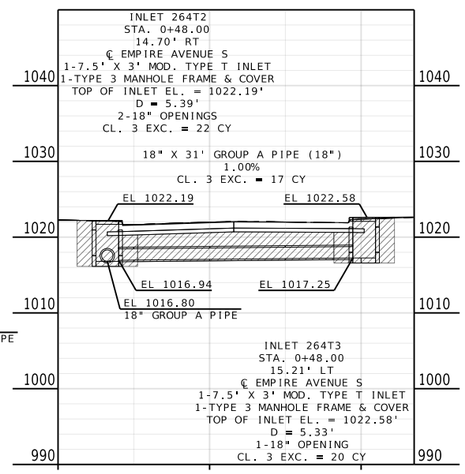


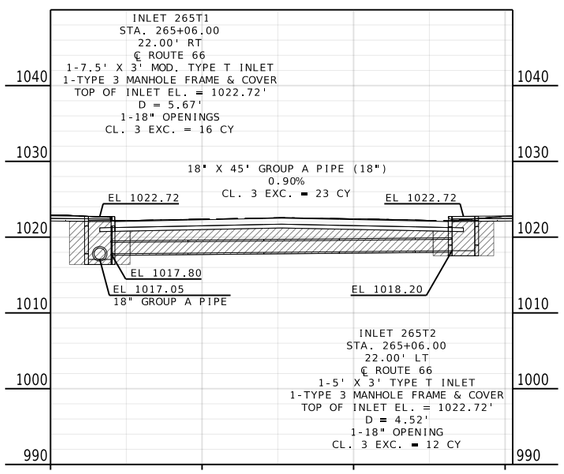


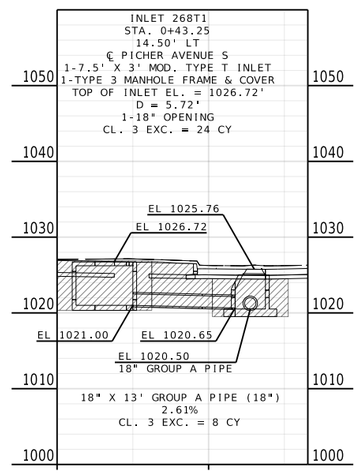


NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
703.16, 703.17, & 703.60 FOR REINFORCED BOX CULVERTS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET









MANHOLE 268MH1
STA. 268+52.65
24.00' RT
℄ ROUTE 66
1-PRECAST 48" MANHOLE
1-TYPE 1B MANHOLE FRAME & COVER
TOP OF MH EL. = 1025.76'
D = 5.26'
2-18" OPENINGS
CL. 3 EXC. = 17 CY

CULVERT SECTION
SHEET 4 OF 14

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	197

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

REID BRENNEN CATT NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	198

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

CULVERT SECTION
SHEET 5 OF 14

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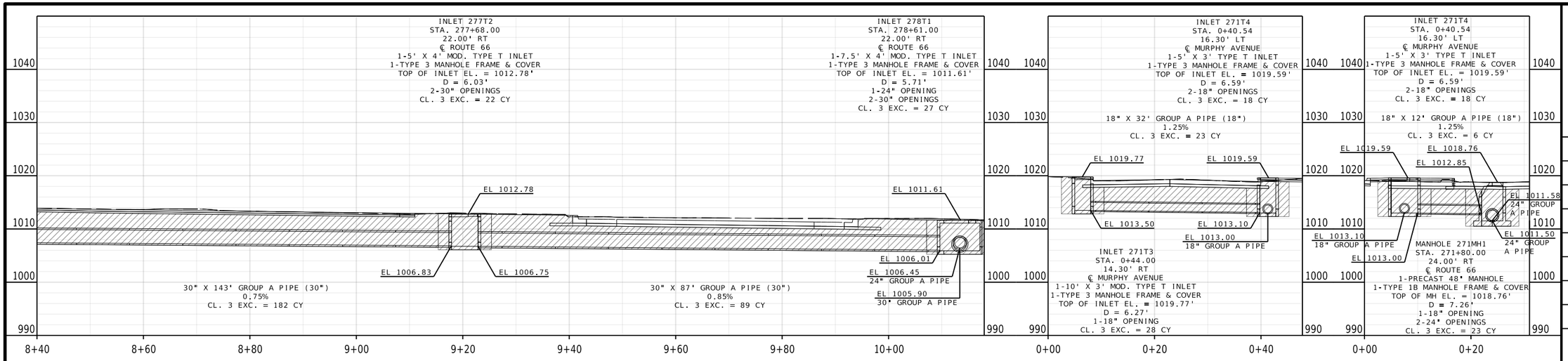
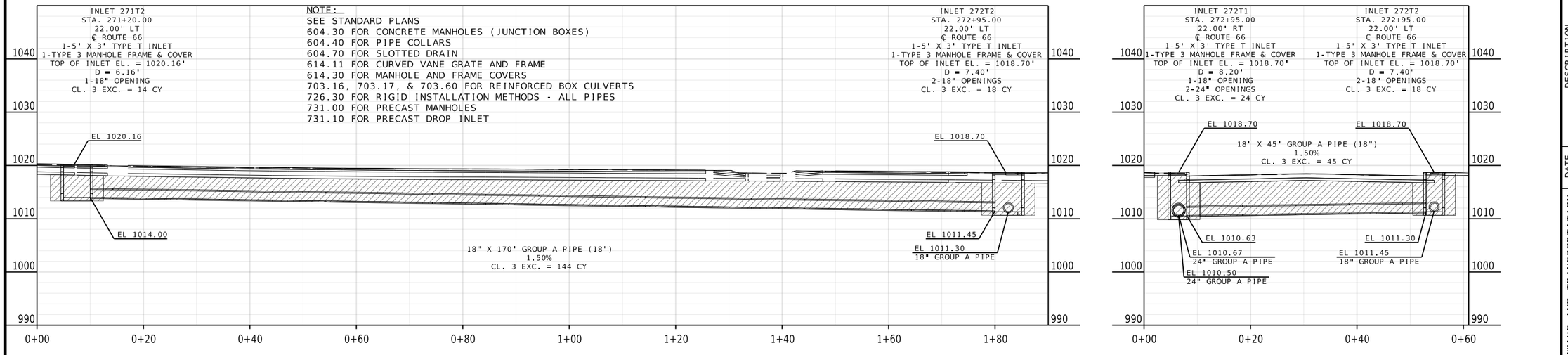
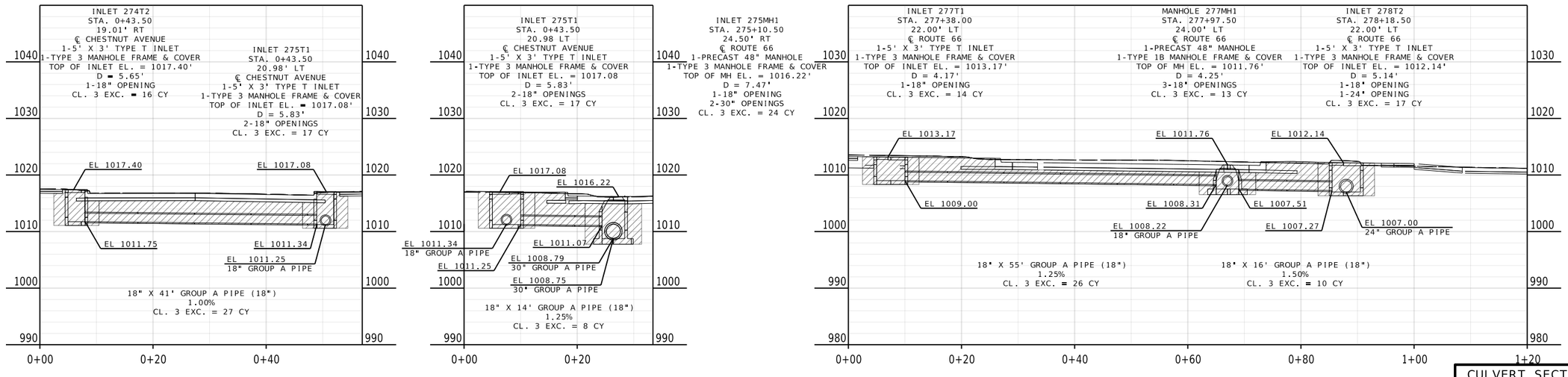


NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
703.16, 703.17, & 703.60 FOR REINFORCED BOX CULVERTS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET





CULVERT SECTION
SHEET 6 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	199

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

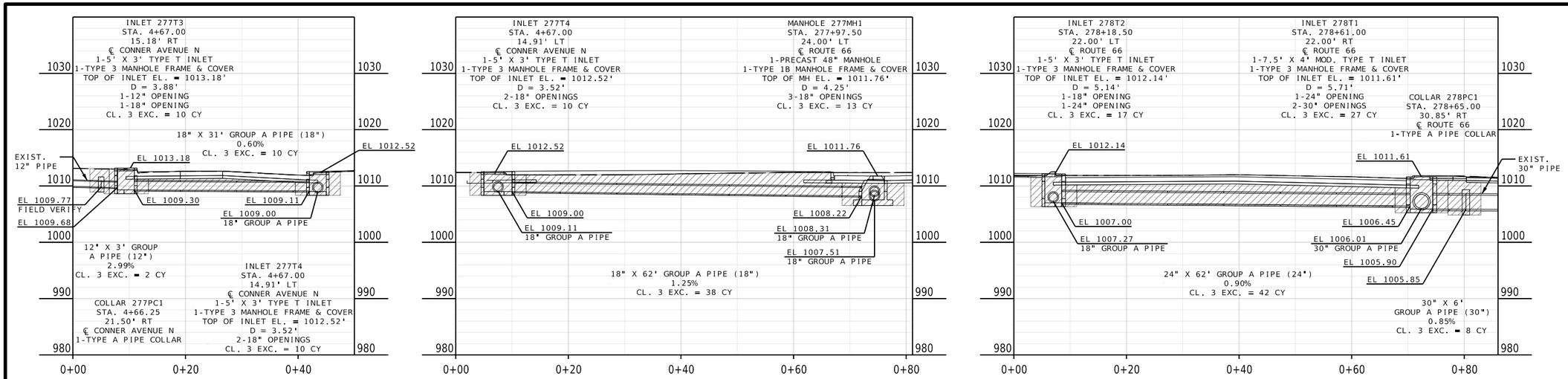
BRIDGE NO.

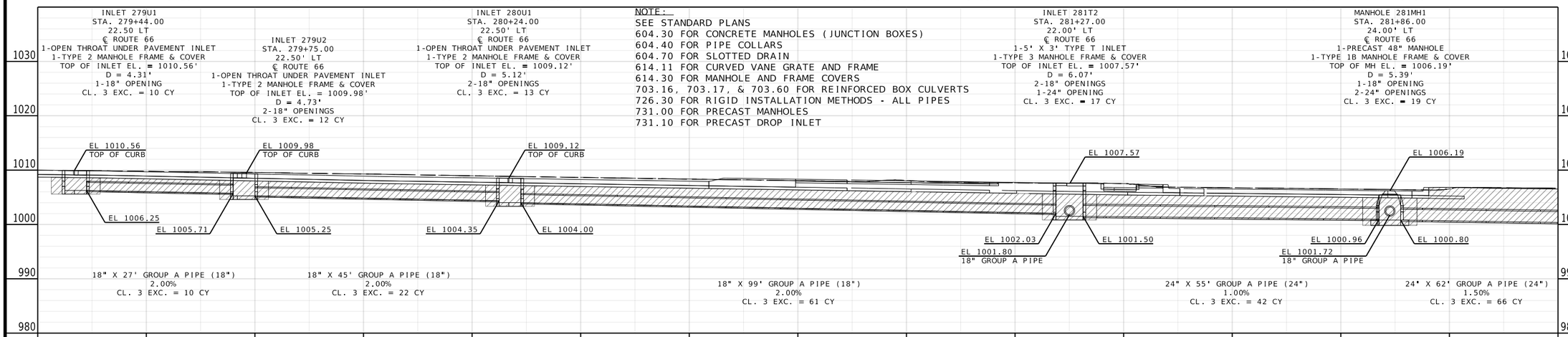
DESCRIPTION | DATE

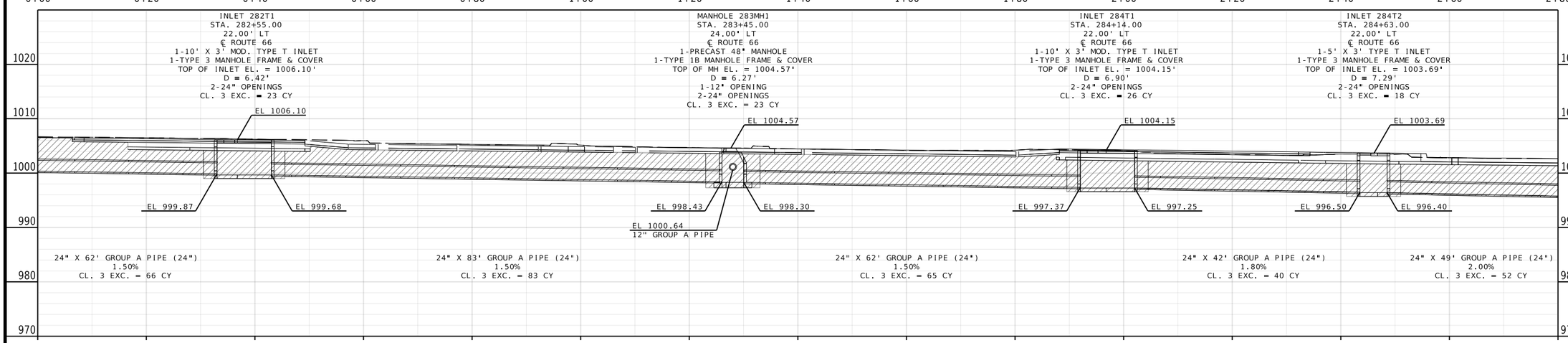
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592







CULVERT SECTION
SHEET 7 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	200

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185C\plan_sheets\15 Culvert Sections\200_CS_07_J7S2185C_l10.dgn 3:35:38 PM 8/8/2025

JUNCTION BOX 285MH2
STA. 285+15.50
16.50' LT
℄ ROUTE 66
1-3' X 6' JCT BOX
1-TYPE 1B MANHOLE FRAME & COVER
TOP OF MH EL. = 1002.47'
D = 7.27'
1-18" OPENING
2-24" OPENINGS
1-4'X3' OPENING
CL. 3 EXC. = 22 CY

EL 1002.47
EL 995.42
EL 995.20
EL 996.13
24" GROUP A PIPE
EL 996.50
18" GROUP A PIPE
EL 995.73
18" GROUP A PIPE
EL 994.97
12" GROUP A PIPE

24" X 49' GROUP A PIPE (24")
2.00%
CL. 3 EXC. = 52 CY

4X3 X 293' CONCRETE BOX CULVERT
0.75%
CL. 4 EXC. = 468 CY

4X3 X 293' CONCRETE BOX CULVERT
0.75%
CL. 4 EXC. = 468 CY

1020 1010 1000 990 980 970

5+60 5+80 6+00 6+20 6+40 6+60 6+80 7+00 7+20 7+40 7+60 7+80 8+00 8+20 8+40

NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
703.16, 703.17, & 703.60 FOR REINFORCED BOX CULVERTS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET

JUNCTION BOX 288MH2
STA. 288+12.00
16.50' LT
℄ ROUTE 66
1-3' X 6' JCT BOX
1-TYPE 1B MANHOLE FRAME & COVER
TOP OF MH EL. = 998.10'
D = 5.45'
1-18" OPENING
1-24" OPENING
2-4'X3' OPENINGS
CL. 3 EXC. = 16 CY

EL 998.10
EL 993.99
18" GROUP A PIPE
EL 993.00
EL 993.06
18" GROUP A PIPE
EL 992.65
EL 993.09
18" GROUP A PIPE
EL 992.78
24" GROUP A PIPE
EL 992.91
18" GROUP A PIPE
EL 992.88
18" GROUP A PIPE
EL 992.62
18" GROUP A PIPE
PROPOSED CUSTOM JUNCTION BOX
(SEE SPECIAL SHEETS 65-76
FOR MORE DETAILS)
EL 992.07
12" GROUP A PIPE
EL 991.00

4X3 X 293' CONCRETE BOX CULVERT
0.75%
CL. 4 EXC. = 468 CY

4X3 X 217' CONCRETE BOX CULVERT
0.76%
CL. 4 EXC. = 328 CY

1010 1000 990 980 970 960

8+40 8+60 8+80 9+00 9+20 9+40 9+60 9+80 10+00 10+20 10+40 10+60 10+80 11+00

INLET 281T1
STA. 281+27.00
22.00' RT
℄ ROUTE 66
1-5' X 3' TYPE T INLET
1-TYPE 3 MANHOLE FRAME & COVER
TOP OF INLET EL. = 1007.57'
D = 5.32'
1-18" OPENING
CL. 3 EXC. = 15 CY

INLET 281T2
STA. 281+27.00
22.00' LT
℄ ROUTE 66
1-5' X 3' TYPE T INLET
1-TYPE 3 MANHOLE FRAME & COVER
TOP OF INLET EL. = 1007.57'
D = 6.07'
2-18" OPENINGS
1-24" OPENING
CL. 3 EXC. = 17 CY

EL 1007.57
EL 1007.57
EL 1002.25
EL 1001.80
EL 1002.03
18" GROUP A PIPE
EL 1001.50
24" GROUP A PIPE

18" X 45' GROUP A PIPE (18")
1.00%
CL. 3 EXC. = 29 CY

1030 1020 1010 1000 990 980

0+00 0+20 0+40 0+60

INLET 281T3
STA. 4+58.00
15.85' RT
℄ JACKSON AVENUE N
1-7.5' X 3' MOD. TYPE T INLET
1-TYPE 3 MANHOLE FRAME & COVER
TOP OF INLET EL. = 1007.50'
D = 4.75'
1-18" OPENING
CL. 3 EXC. = 18 CY

INLET 281T4
STA. 4+58.00
15.12' LT
℄ JACKSON AVENUE N
1-7.5' X 3' MOD. TYPE T INLET
1-TYPE 3 MANHOLE FRAME & COVER
TOP OF INLET EL. = 1007.22'
D = 5.22'
2-18" OPENINGS
CL. 3 EXC. = 22 CY

EL 1007.50
EL 1007.22
EL 1002.75
EL 1002.27
EL 1002.00
18" GROUP A PIPE

18" X 32' GROUP A PIPE (18")
1.50%
CL. 3 EXC. = 16 CY

1030 1020 1010 1000 990 980

0+00 0+20 0+40

MANHOLE 281MH1
STA. 281+86.00
24.00' LT
℄ ROUTE 66
1-PRECAST 48" MANHOLE
1-TYPE 1B MANHOLE FRAME & COVER
TOP OF MH EL. = 1006.19'
D = 5.39'
1-18" OPENING
2-24" OPENINGS
CL. 3 EXC. = 19 CY

18" X 14' GROUP A PIPE (18")
2.00%
CL. 3 EXC. = 7 CY

EL 1006.19
EL 1007.22
EL 1002.27
18" GROUP A PIPE
EL 1002.00
EL 1001.72
EL 1000.96
24" GROUP A PIPE
EL 1000.80
24" GROUP A PIPE

INLET 281T4
STA. 4+58.00
15.12' LT
℄ JACKSON AVENUE N
1-7.5' X 3' MOD. TYPE T INLET
1-TYPE 3 MANHOLE FRAME & COVER
TOP OF INLET EL. = 1007.22'
D = 5.22'
2-18" OPENINGS
CL. 3 EXC. = 22 CY

1030 1020 1010 1000 990 980

0+00 0+20

INLET 283SD1
STA. 283+35.00
28.75' LT
℄ ROUTE 66
1-10' TYPE A SLOTTED DRAIN
W/12 IN GROUP A PIPE
TOP OF INLET EL. = 1004.73'
AT CENTER OF GRATE
D = 3.23'
1-12" OPENING
CL. 3 EXC. = 3 CY

12" X 6' GROUP A PIPE (12")
15.00%
CL. 3 EXC. = 1 CY

EL 1004.57
EL 1004.73
EL 1001.50
EL 1000.64
EL 998.43
24" GROUP A PIPE
EL 998.30
24" GROUP A PIPE

MANHOLE 283MH1
STA. 283+45.00
24.00' LT
℄ ROUTE 66
1-PRECAST 48" MANHOLE
1-TYPE 1B MANHOLE FRAME & COVER
TOP OF MH EL. = 1004.57'
D = 6.27'
1-12" OPENING
2-24" OPENINGS
CL. 3 EXC. = 23 CY

1030 1020 1010 1000 990 980

0+00 0+20

CULVERT SECTION
SHEET 8 OF 14

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	201

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

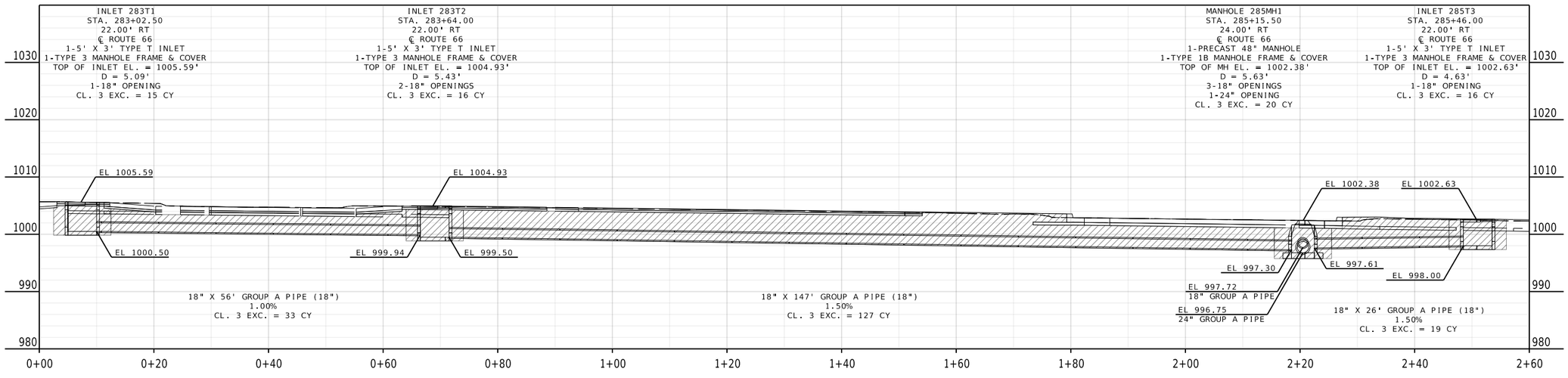
BRIDGE NO.

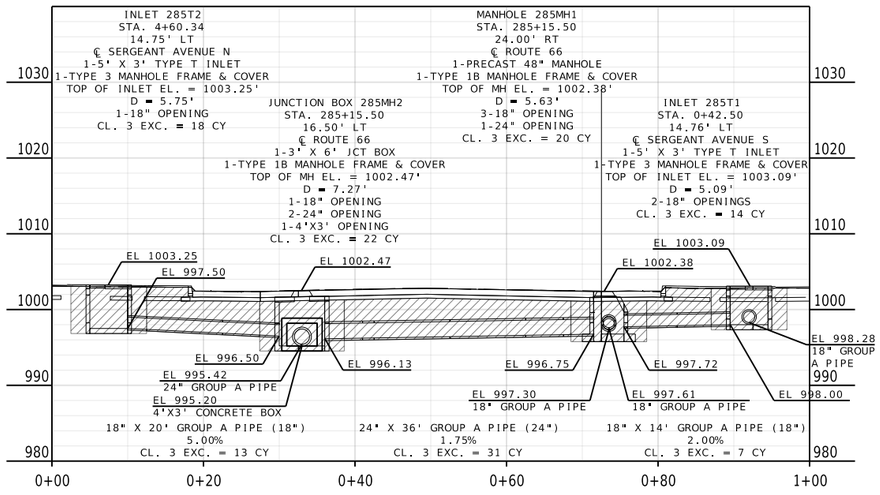
DESCRIPTION	DATE

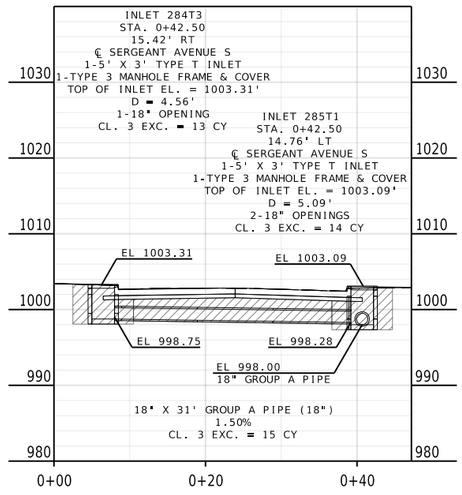
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

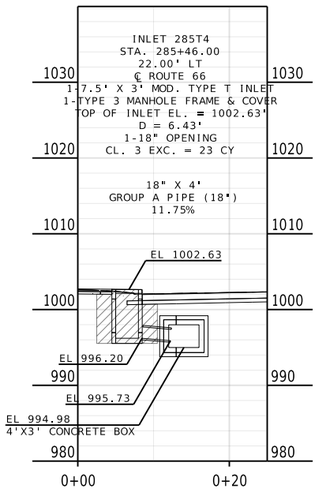
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

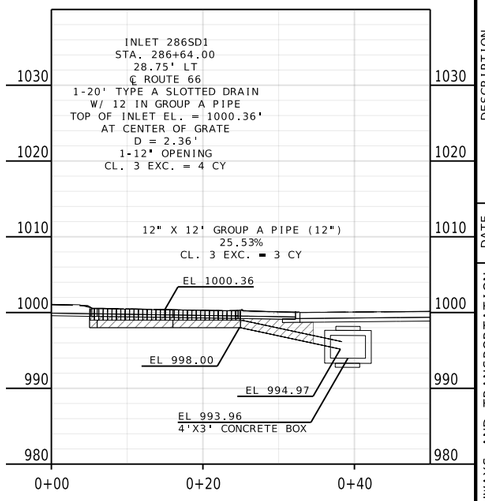
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

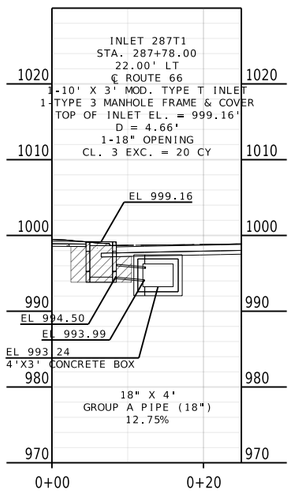


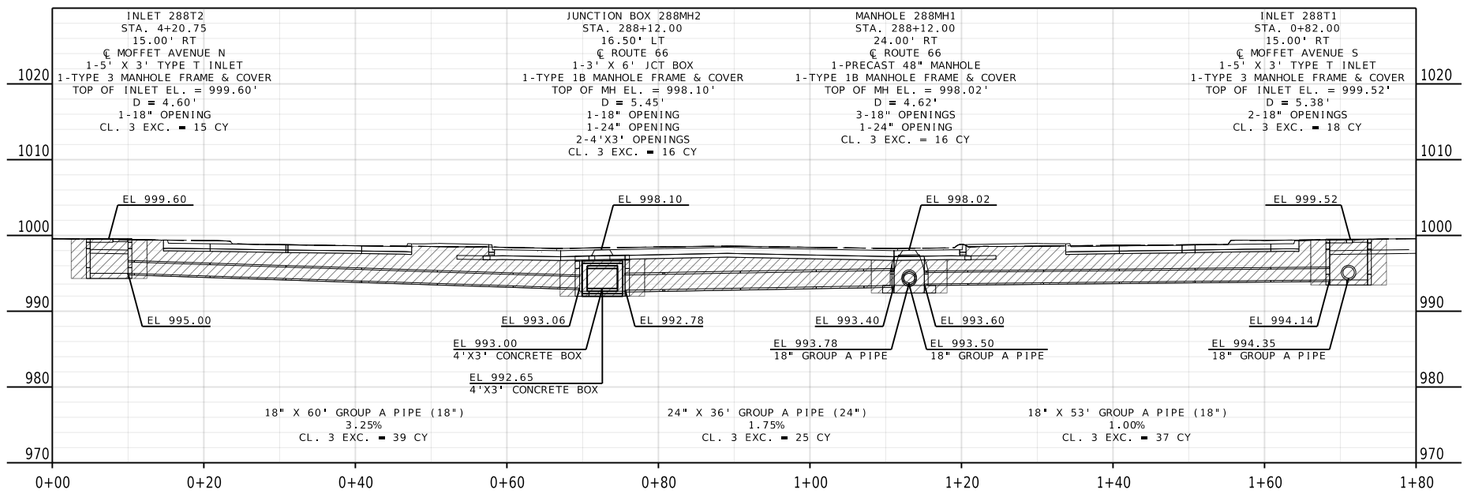












NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
703.16, 703.17, & 703.60 FOR REINFORCED BOX CULVERTS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET

CULVERT SECTION
SHEET 9 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	202

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

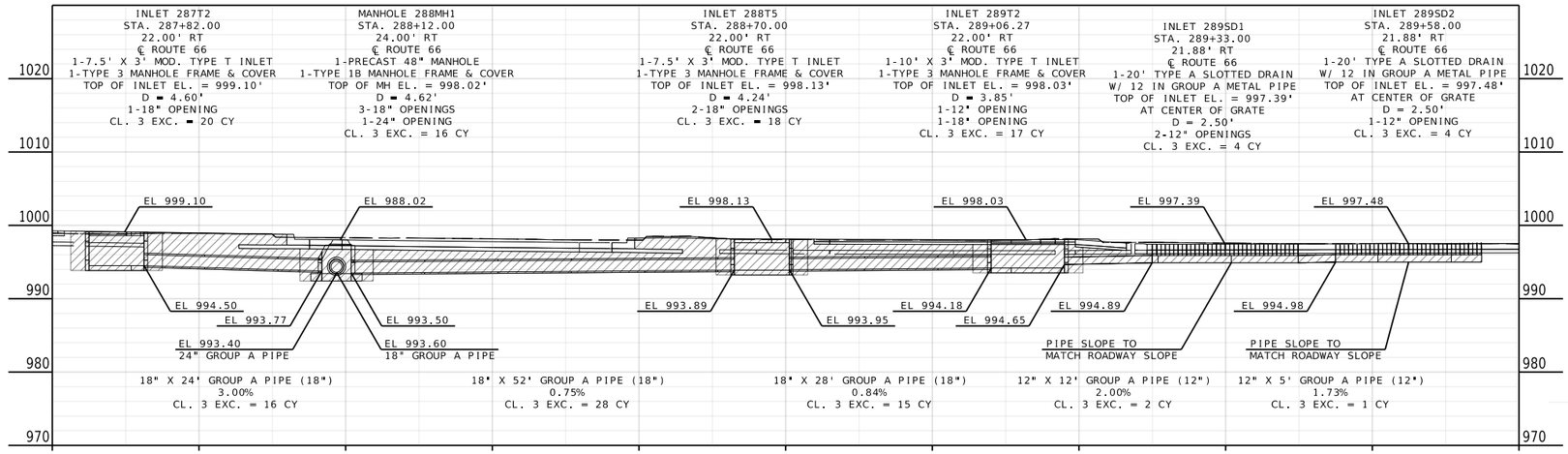
BRIDGE NO.

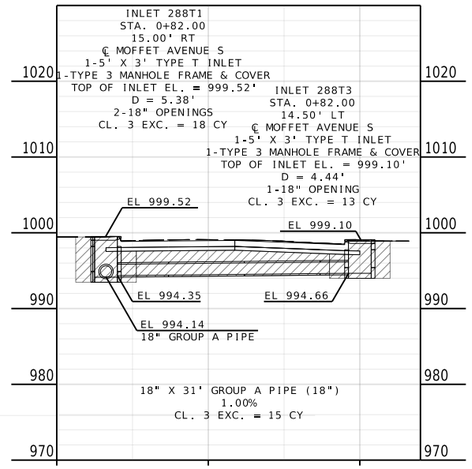
DATE	DESCRIPTION

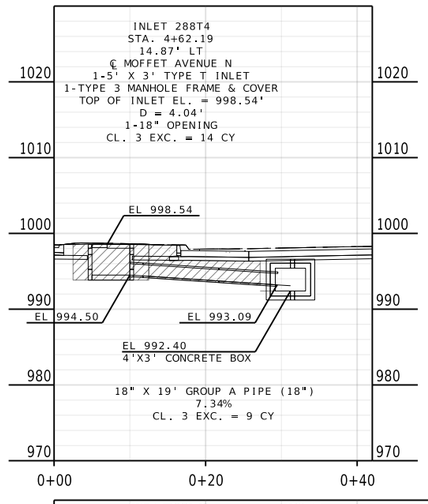
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

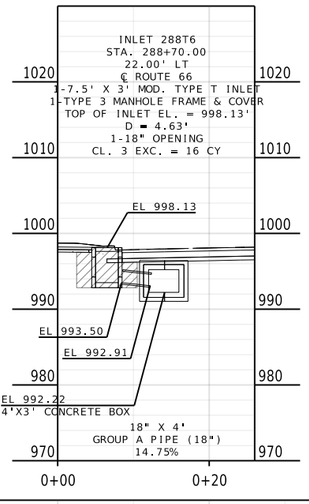
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

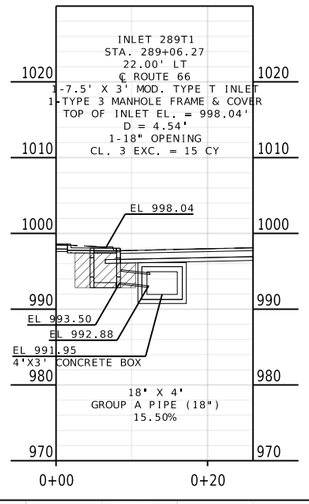
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

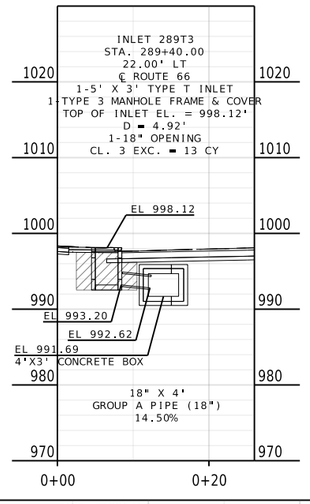


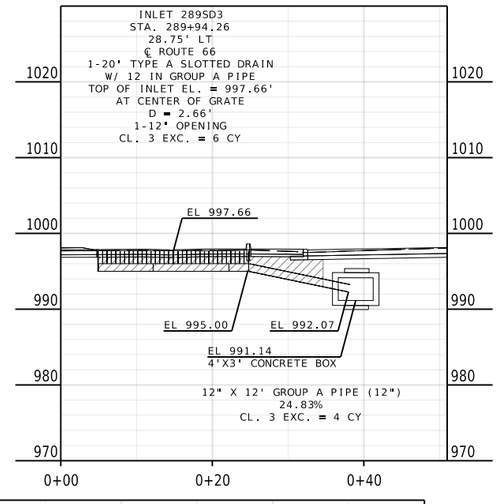


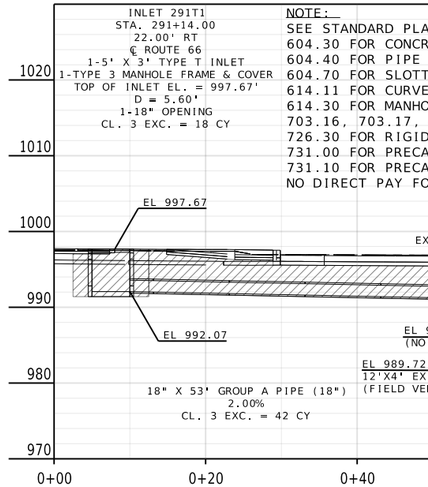












NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
703.16, 703.17, & 703.60 FOR REINFORCED BOX CULVERTS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET
NO DIRECT PAY FOR OPENINGS AND CONNECTIONS TO EXIST. RCB

CULVERT SECTION
SHEET 10 OF 14

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	203

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

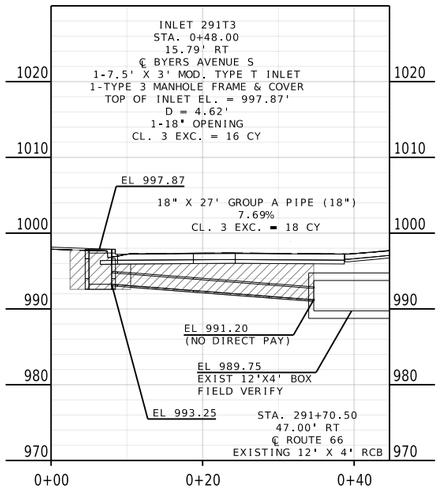
BRIDGE NO.

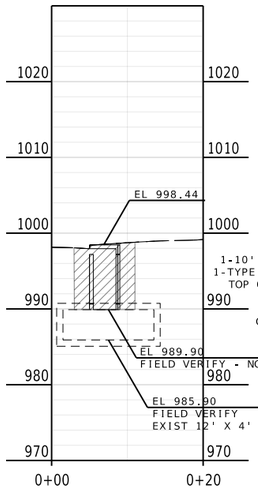
DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

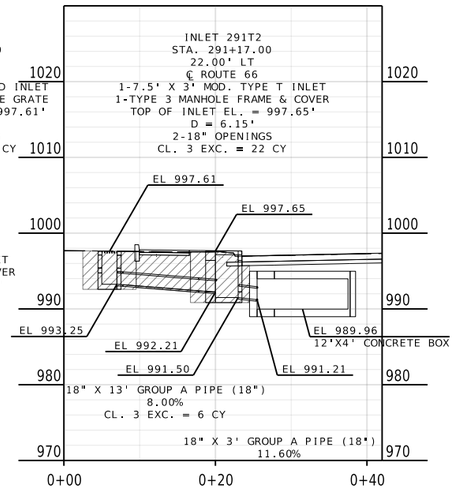
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

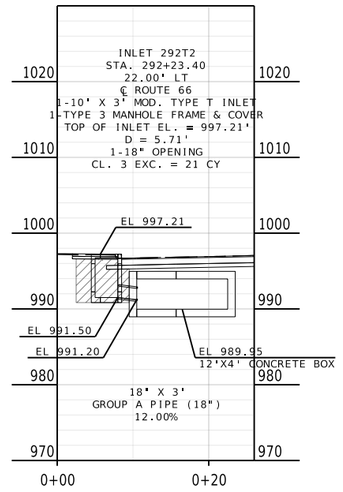


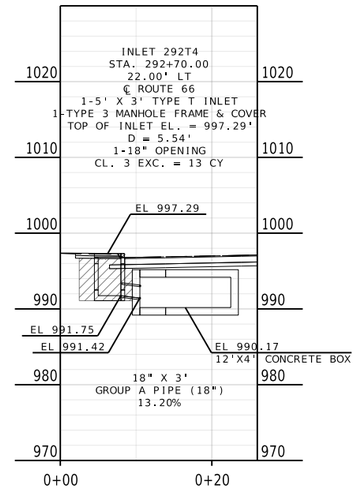


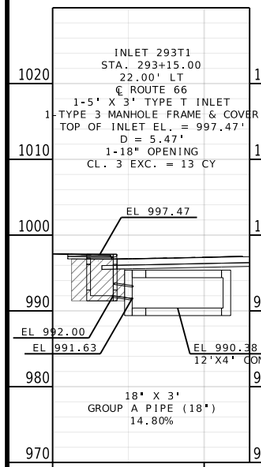
INLET 291D1
STA. 291+04.00
29.00' LT
℄ ROUTE 66
1-3' X 2' MOD. TYPE D INLET
1-2' X 2' CURVED VANE GRATE
TOP OF INLET EL. = 997.61'
D = 3.44'
1-18" OPENING
CL. 3 EXC. = 11 CY

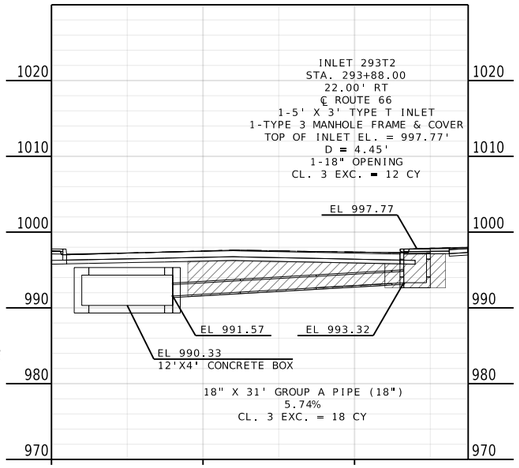
INLET 291T4
STA. 0+82.00
14.35' LT
℄ BYERS AVENUE S
1-10' X 3' MOD. TYPE T INLET
1-TYPE 3 MANHOLE FRAME & COVER
TOP OF INLET EL. = 998.44'
D = 8.54'
BOTTOM OPENING
CL. 3 EXC. = 38 CY

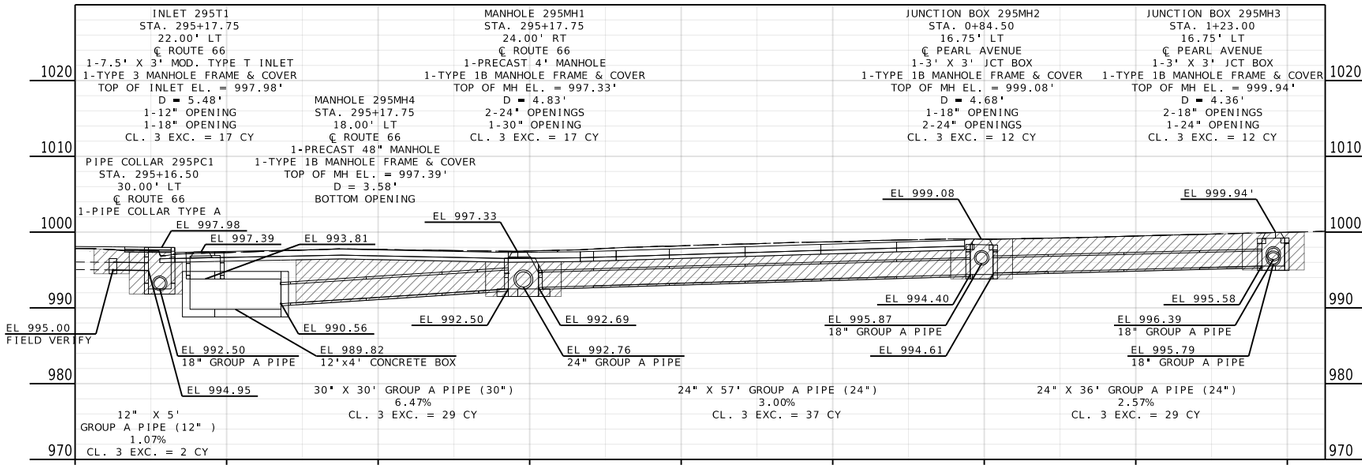


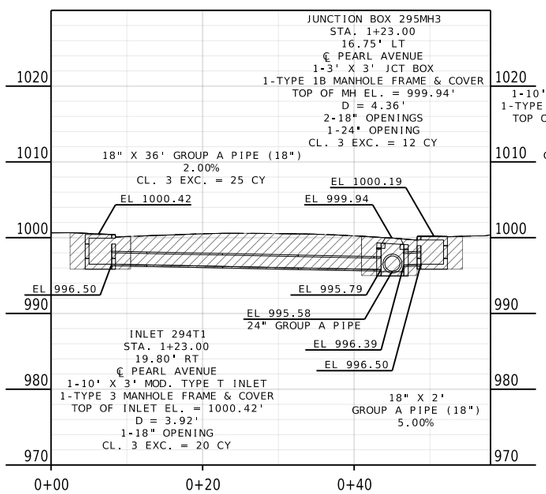


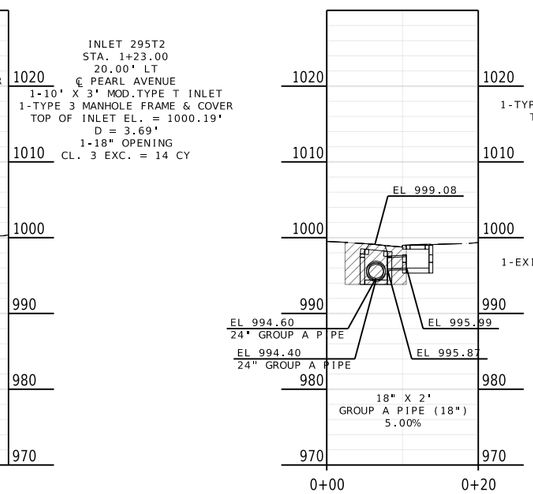


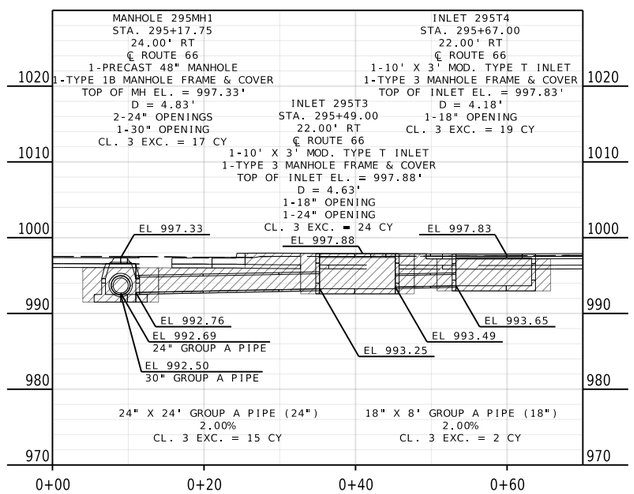












NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
703.16, 703.17, & 703.60 FOR REINFORCED BOX CULVERTS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET

NO DIRECT PAY FOR OPENINGS AND CONNECTIONS TO EXIST. RCB

CULVERT SECTION
SHEET 11 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/11/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	204

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

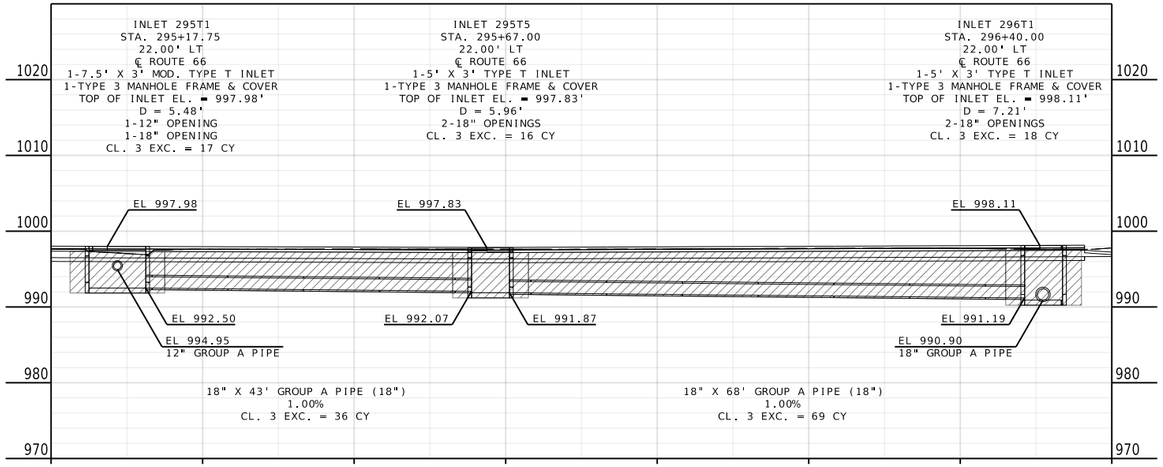
BRIDGE NO.

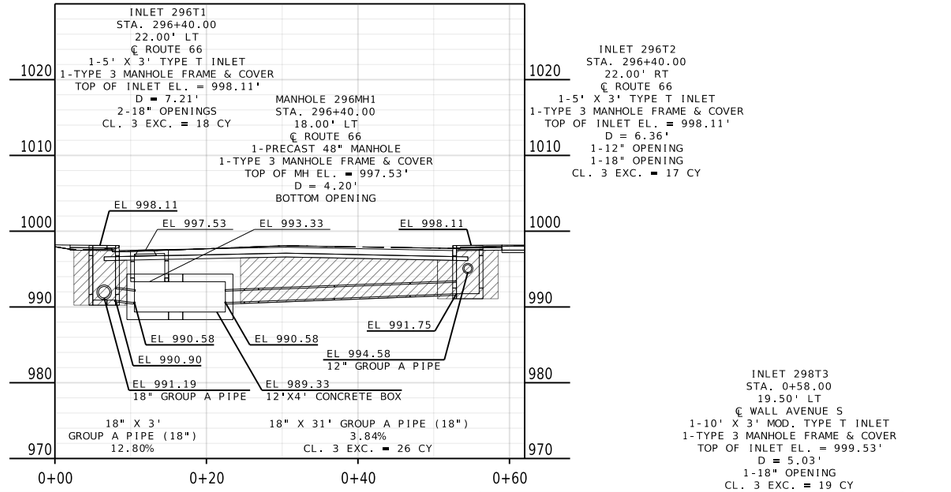
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

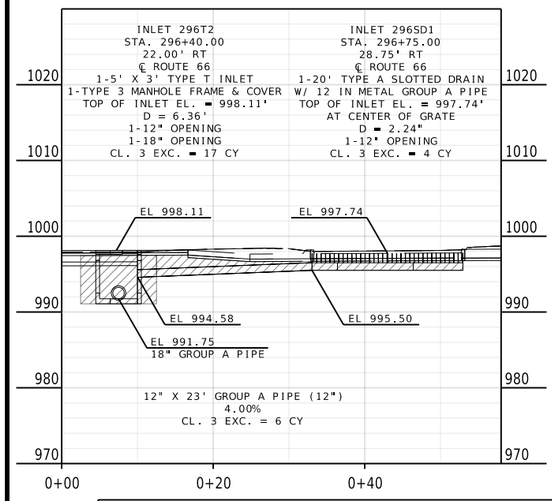
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

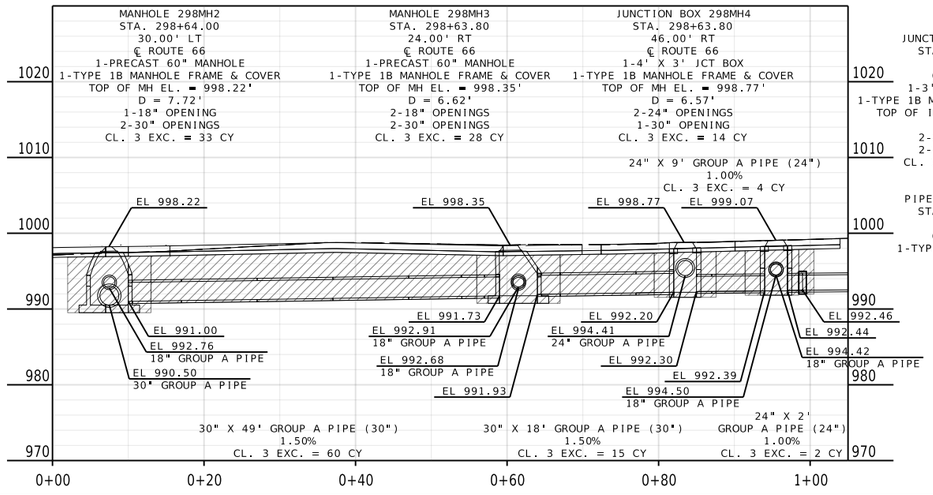
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592





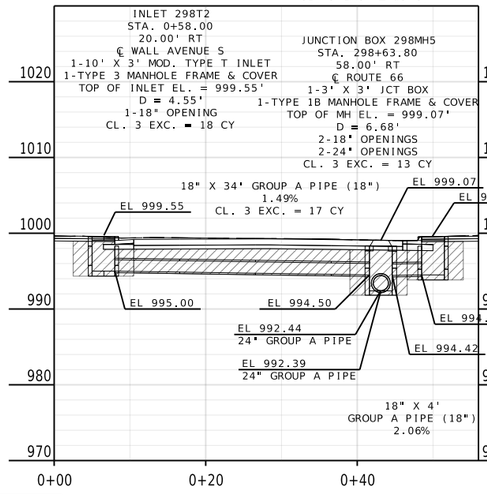
INLET 298T3
STA. 0+58.00
19.50' LT
℄ WALL AVENUE S
1-10' X 3' MOD. TYPE T INLET
1-TYPE 3 MANHOLE FRAME & COVER
TOP OF INLET EL. = 999.53'
D = 5.03'
1-18" OPENING
CL. 3 EXC. = 19 CY

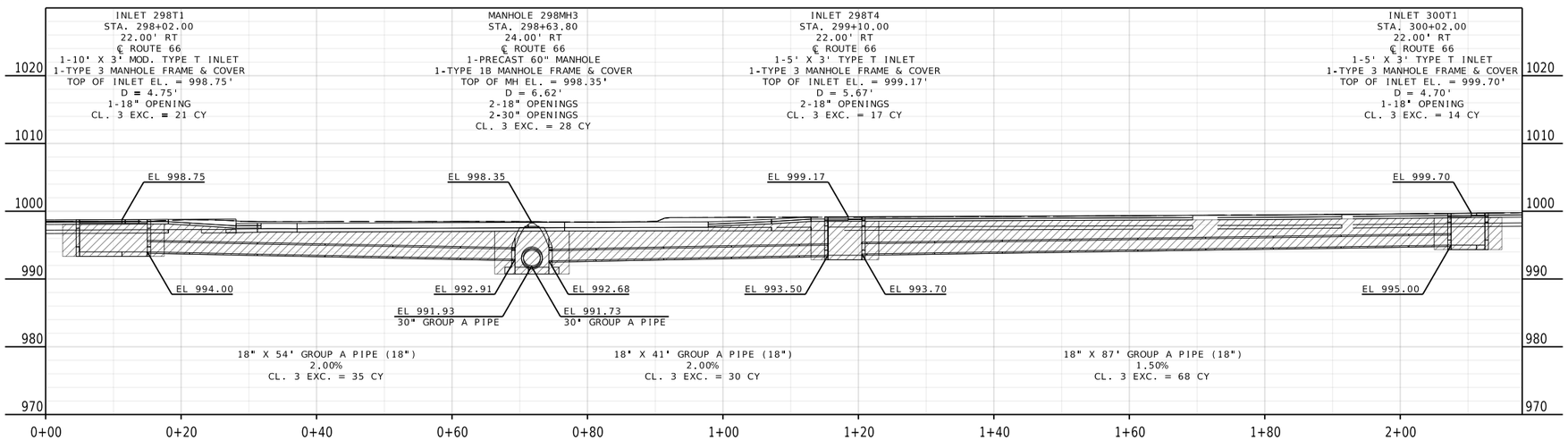




JUNCTION BOX 298MH5
STA. 298+63.80
58.00' RT
℄ ROUTE 66
1-3' X 3' JCT BOX
1-TYPE 1B MANHOLE FRAME & COVER
TOP OF INLET EL. = 999.07'
D = 6.68'
2-18" OPENINGS
2-24" OPENINGS
CL. 3 EXC. = 13 CY

PIPE COLLAR 298PC1
STA. 298+63.80
61.50' RT
℄ ROUTE 66
1-TYPE A PIPE COLLAR





NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
703.16, 703.17, & 703.60 FOR REINFORCED BOX CULVERTS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET

CULVERT SECTION
SHEET 12 OF 14

REID BRENNEN CATT NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	205

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

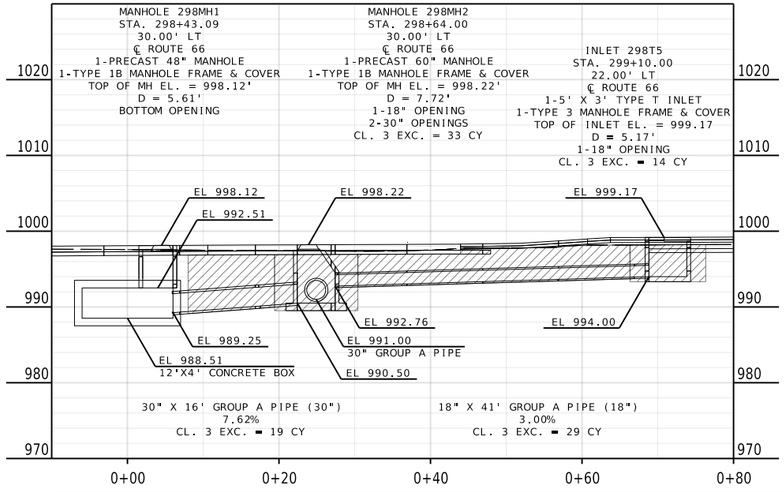
DESCRIPTION	DATE

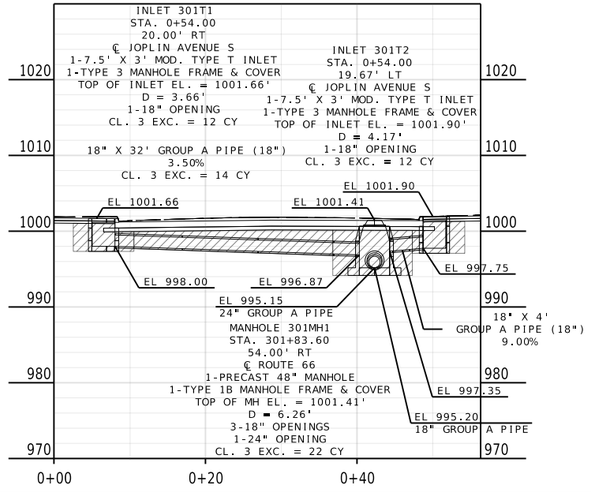
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

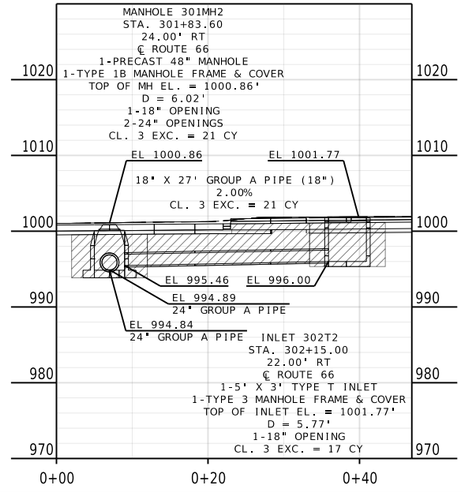
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

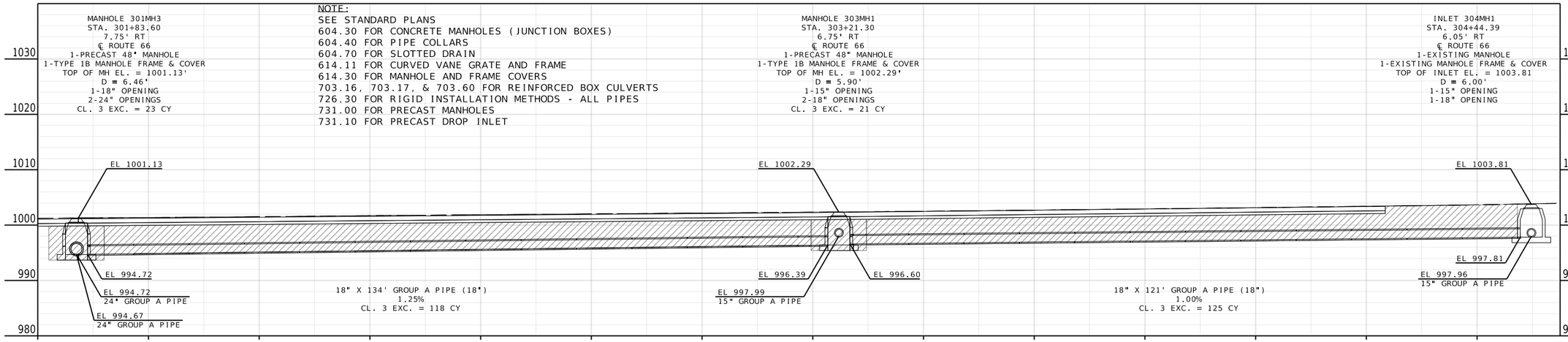
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

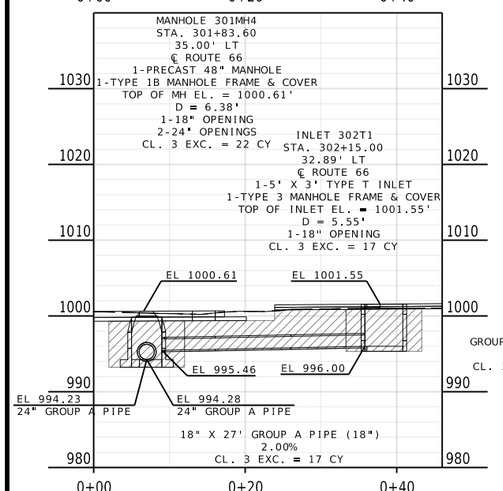
F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185C\plan_sheets\15 Culvert Sections\205_CS_12_J7S2185C_I10.dgn 3:36:28 PM 8/8/2025

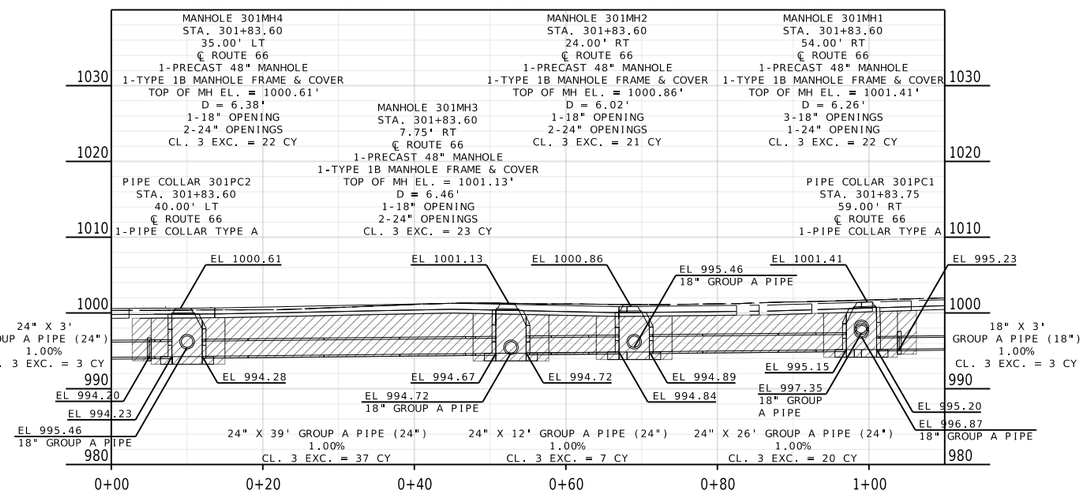


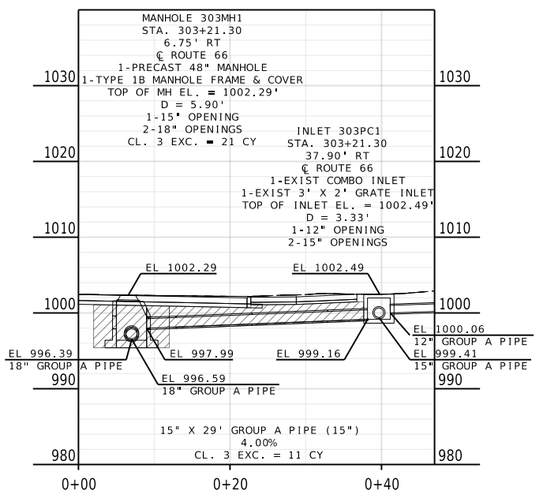












CULVERT SECTION
SHEET 13 OF 14

REID BRENNEN CATT
NUMBER PE-2010019516
REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	206

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

F:\2021\08501-09000\021-08532\40-Design\Microstation\J7S2185C\plan_sheets\15 Culvert Sections\206_CS_13_J7S2185C_110.dgn 3:36:36 PM 8/8/2025

NOTE:
SEE SPECIAL SHEETS 91-103
FOR 12' X 4' RCB DETAILS

EL 991.00
4' X 3' RCB

CONNECT EXIST.
DOUBLE 6' X 3' RCB
(NO DIRECT PAY)

19.50'
RCB A75521
CL. 4 EXC. = 139 CY

STA 0+76.41
EL 990.25

-0.41%

117.64'
12 FT X 4 FT RCB
CL. 4 EXC. = 597 CY

EL 991.21
18" GROUP A PIPE

STA 1+90.05
EL 989.79

STA 1+99.05
EL 989.75

-0.00%

22'
CULVERT INTERSECTION
CL. 4 EXC. = 158 CY

STA 2+11.05
EL 989.75

STA 2+20.05
EL 989.79

18" GROUP A PIPE
EL 991.20

+0.47%

53.95'
12 FT X 4 FT RCB
CL. 4 EXC. = 254 CY

STA 2+70.00
EL 990.03

+0.47%

18" GROUP A PIPE
EL 991.42

STA 2+70.00
EL 990.03

18" GROUP A PIPE
EL 991.63

STA 3+70.08
EL 990.50

+0.00%

STA 3+74.08
EL 990.50

-0.40%

18" GROUP A PIPE
EL 991.57

STA 5+40.00
EL 989.84

270'
12 FT X 4 FT RCB
CL. 4 EXC. = 1408 CY

MANHOLE 295MH4
STA. 295+17.75
18.00' LT
℄ ROUTE 66
1-PRECAST 48" MANHOLE
1-TYPE 1B MANHOLE FRAME & COVER
TOP OF MH EL. = 997.39'
D = 3.58'
BOTTOM OPENING

MANHOLE 296MH1
STA. 2956+40.00
18.00' LT
℄ ROUTE 66
1-PRECAST 48" MANHOLE
1-TYPE 3 MANHOLE FRAME & COVER
TOP OF MH EL. = 997.53'
D = 4.20'
BOTTOM OPENING

30" GROUP A PIPE
EL 990.56

STA 5+40.00
EL 989.84

-0.40%

18" GROUP A PIPE
EL 990.58

STA 8+10.00
EL 988.78

270'
12 FT X 4 FT RCB
CL. 4 EXC. = 1705 CY

MANHOLE 298MH1
STA. 298+43.09
30.00' LT
℄ ROUTE 66
1-PRECAST 48" MANHOLE
1-TYPE 1B MANHOLE FRAME & COVER
TOP OF MH EL. = 998.12'
D = 5.61'
BOTTOM OPENING

45° BEND
(NO DIRECT PAY)

45° BEND
(NO DIRECT PAY)

30" GROUP A PIPE
EL 989.25

CONNECT TO 12'X4' RCB
(NO DIRECT PAY)

-0.40%

STA 8+10.00
EL 988.78

STA 8+47.09
EL 988.63

STA 8+87.61
EL 988.47

STA 9+09.90
EL 988.38

20'

12.81'

37.09'
12 FT X 4 FT RCB
CL. 4 EXC. = 238 CY

40.52'
CULVERT BENDS
CL. 4 EXC. = 352 CY

22.29'
12 FT X 4 FT RCB
CL. 4 EXC. = 192 CY

12' X 4' RCB TO BE
CONSTRUCTED BY
CITY OF JOPLIN

NOTE:
SEE STANDARD PLANS
604.30 FOR CONCRETE MANHOLES (JUNCTION BOXES)
604.40 FOR PIPE COLLARS
604.70 FOR SLOTTED DRAIN
614.11 FOR CURVED VANE GRATE AND FRAME
614.30 FOR MANHOLE AND FRAME COVERS
703.16, 703.17, & 703.60 FOR REINFORCED BOX CULVERTS
726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
731.00 FOR PRECAST MANHOLES
731.10 FOR PRECAST DROP INLET

CULVERT SECTION
SHEET 14 OF 14

REID BRENNEN CATT
NUMBER PE-2010019516

REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
8/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	207

COUNTY
JASPER

JOB NO.
J7S2185C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

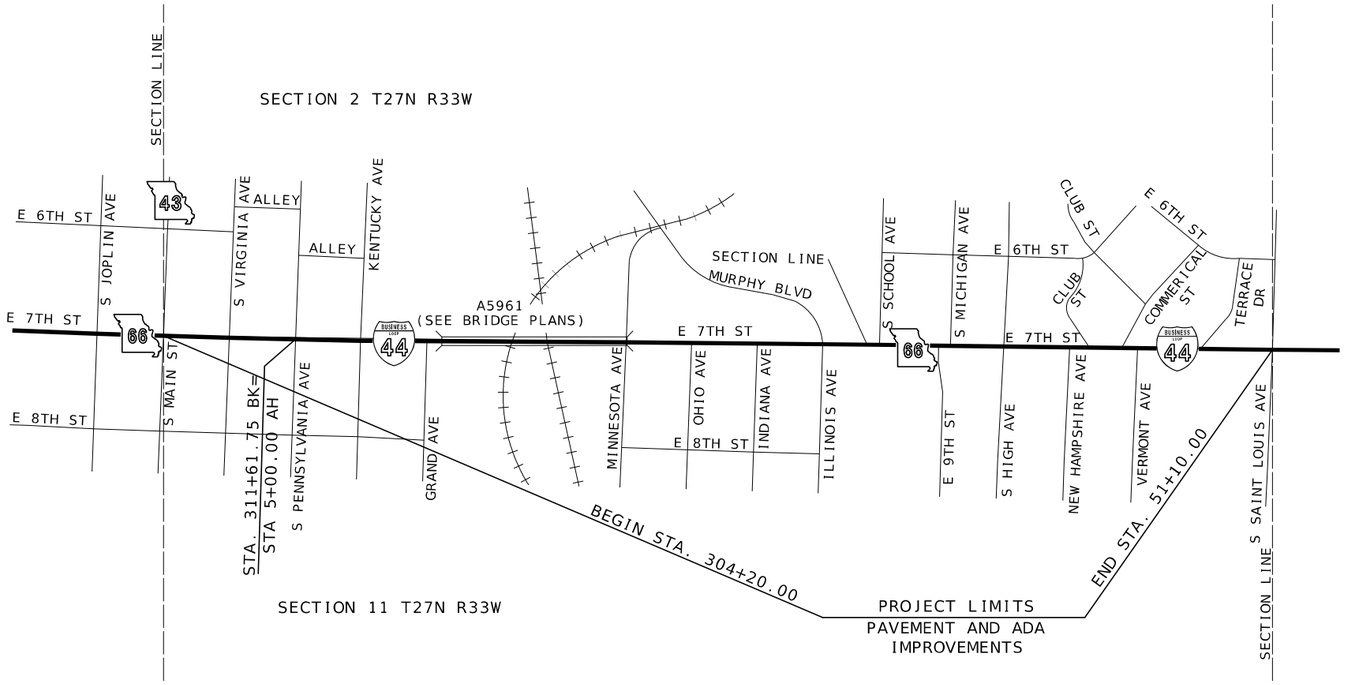
PLANS FOR PROPOSED STATE HIGHWAY

JASPER COUNTY
SECTIONS 2 & 11
T27N, R33W

NOT TO SCALE



LOCATION MAP
SHOWING LOCATION OF JASPER COUNTY



CITY OF JOPLIN

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

DESIGN DESIGNATION

A.A.D.T. - 2025 = 18,357
A.A.D.T. - 2045 = 20,282
D.H.V. = 8%
T = 5%
V = 35 M.P.H.
D = 50% / 50%

FUNCTIONAL CLASS. - PRINCIPAL ARTERIAL

NEW RIGHT OF WAY
REQUIRED
NORMAL ACCESS

TEMPORARY
CONSTRUCTION
EASEMENTS REQUIRED

NOTE ABBREVIATIONS
(USED IN PLANS)

GV - GAS VALVE
GM - GAS METER
MH - MANHOLE
LP - LIGHT POLE
PP - POWER POLE
C&G - CURB AND GUTTER
PB - PULL BOX
EOP - EDGE OF PAVEMENT
CTRLR - CONTROLLER
PVMT - PAVEMENT
CONC - CONCRETE
EXIST - EXISTING
PROP - PROPOSED
UIP - USE IN PLACE

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
SANITARY MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	-V-	
WOVEN WIRE	-X-	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

INDEX OF SHEETS

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COORDINATE POINTS (CP)	27
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LENGTH OF PROJECT

JOB NO. J7S2185D

BEGINNING OF PROJECT	STA. 304 + 20.00	
END OF PROJECT	STA. 51 + 10.00	
APPARENT LENGTH	-25,310.00	FEET
EQUATIONS AND EXCEPTIONS:		
311+61.75 BK = 5+00.00 AH	+30,661.75	FEET
NET LENGTH OF J7S2185D	5,351.75	FEET
TOTAL CORRECTIONS	30,661.75	FEET
NET LENGTH OF PROJECT	5,351.75	FEET
STATE LENGTH	5,351.75	FEET
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	9.99	ACRES

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

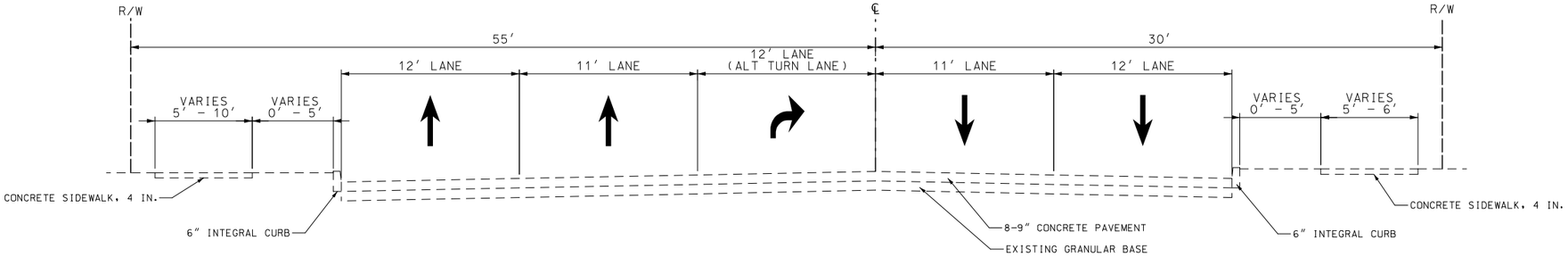
DATE PREPARED 9/30/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 1
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A5961

DESCRIPTION	DATE

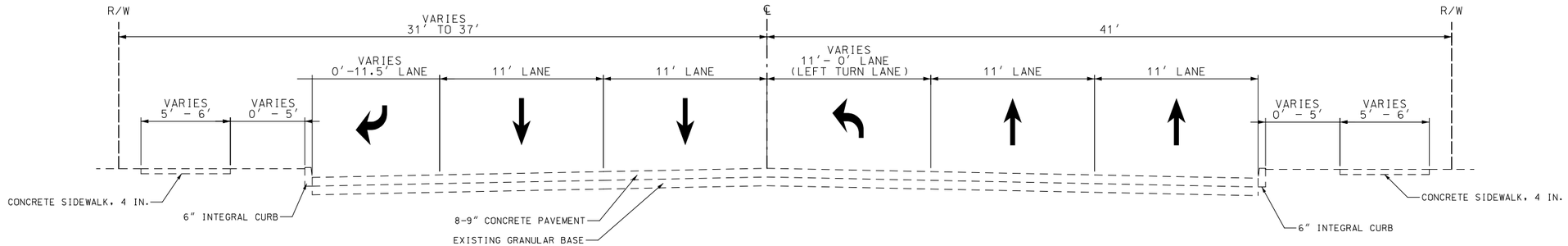
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

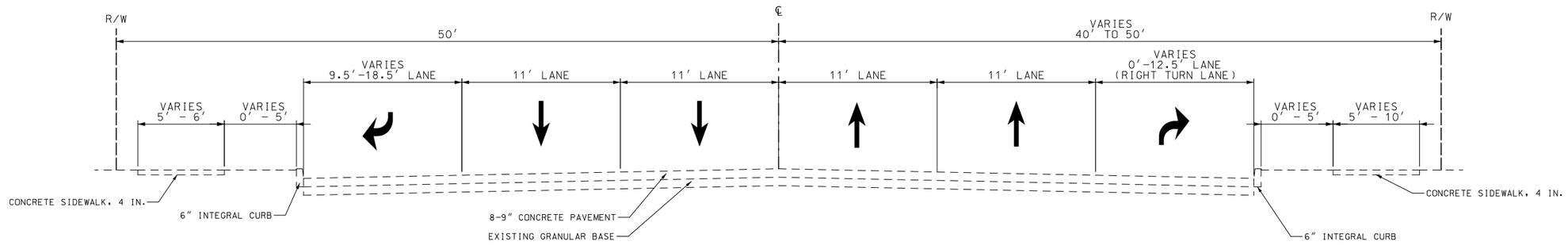
Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



TYPICAL SECTION ROUTE 66
5 LANES W/ TURN LANE
STA. 304+20.00 TO 311+30.04
(EXISTING)



TYPICAL SECTION ROUTE 66
6 LANES W/ TURN LANES
STA. 311+30.04 TO 8+00.66
(EXISTING)



TYPICAL SECTION ROUTE 66
6 LANES W/ TURN LANES
STA. 8+00.66 TO 10+94.02
(EXISTING)

NOT TO SCALE

TYPICAL SECTIONS
(EXISTING)

TYPICAL SHEET
1 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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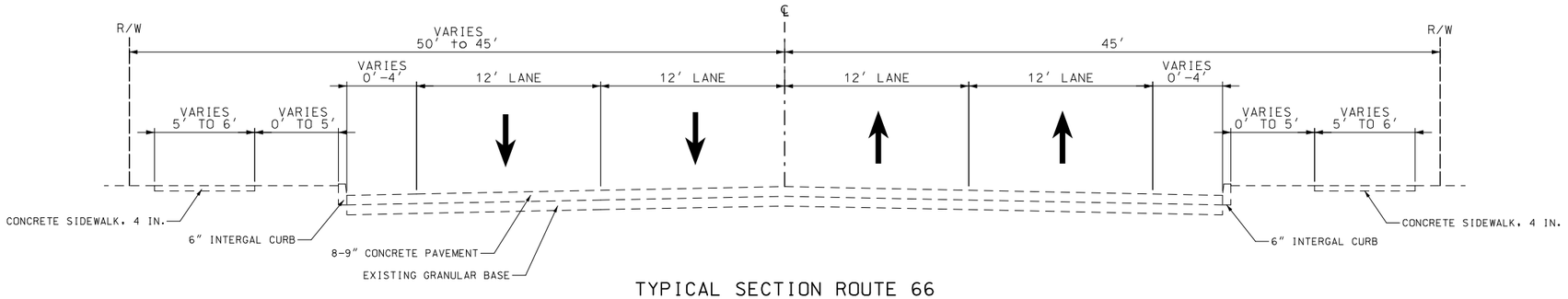
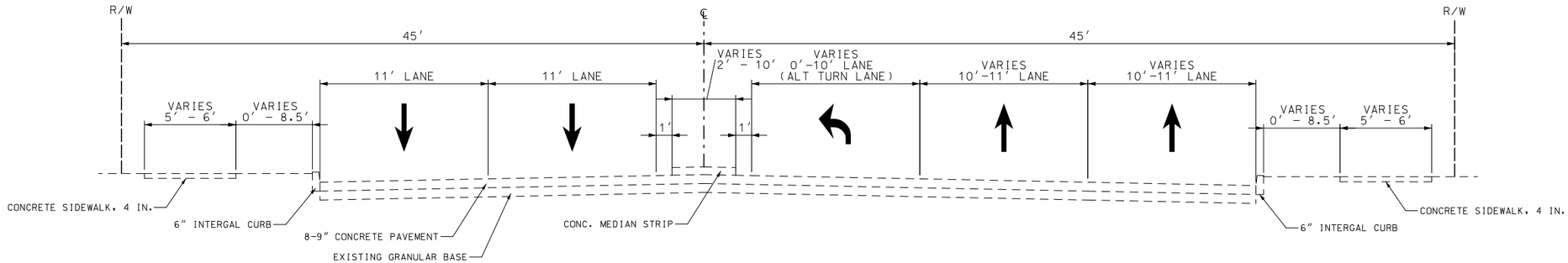
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

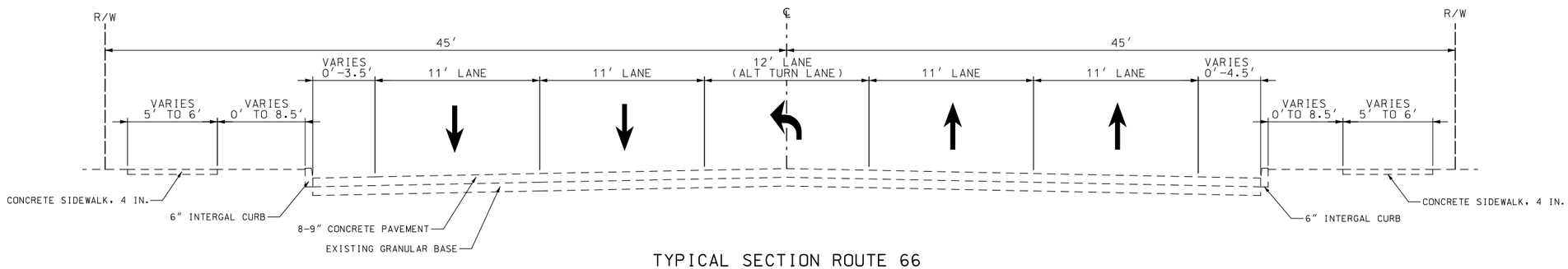
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



TYPICAL SECTION ROUTE 66
4 LANES NO MEDIAN
STA. 20+48.75 TO STA. 25+29.54
(EXISTING)



TYPICAL SECTION ROUTE 66
5 LANES W/ TURN LANE WITH MEDIAN
STA. 25+29.54 TO STA. 35+43.49
(EXISTING)



TYPICAL SECTION ROUTE 66
5 LANES W/ ALT TURN LANE
STA. 35+43.49 TO STA. 14+80.80
(EXISTING)

NOT TO SCALE

TYPICAL SECTIONS
(EXISTING)

TYPICAL SHEET
2 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ROUTE 66 ALTERNATE PAVEMENT DESIGN

NOTE:
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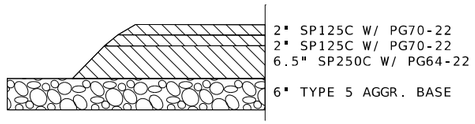
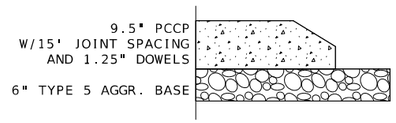


ALTERNATE E



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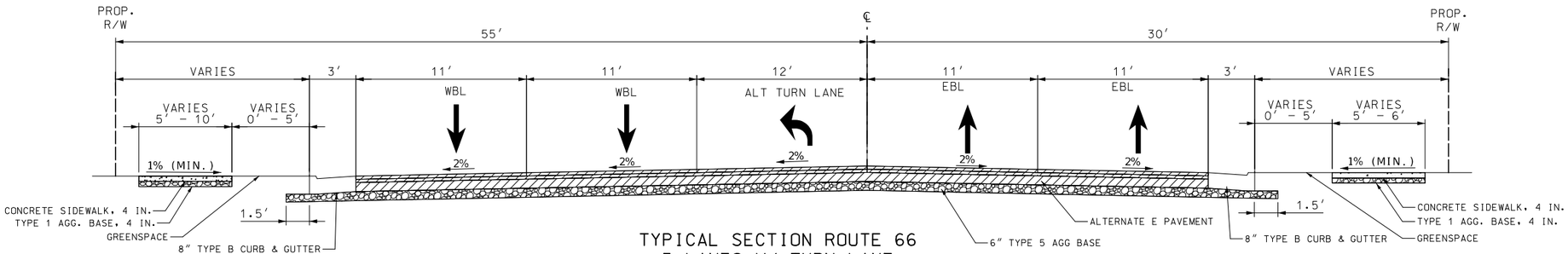
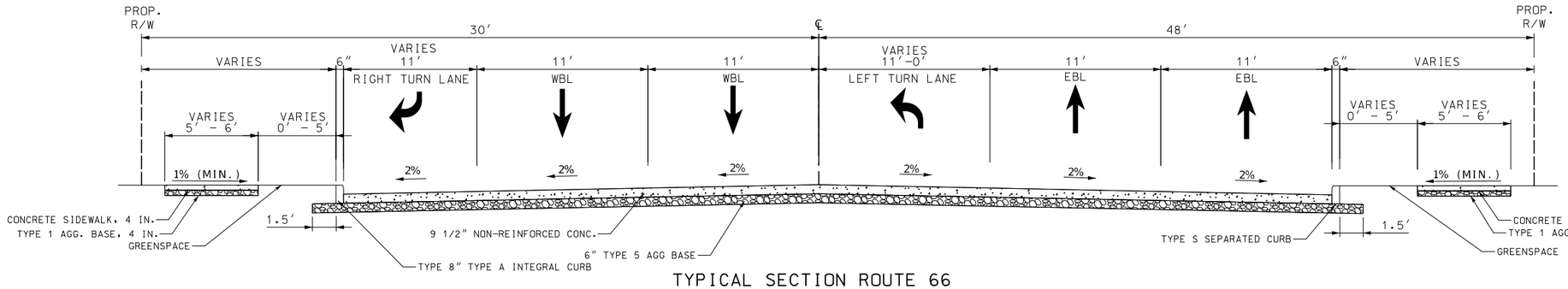
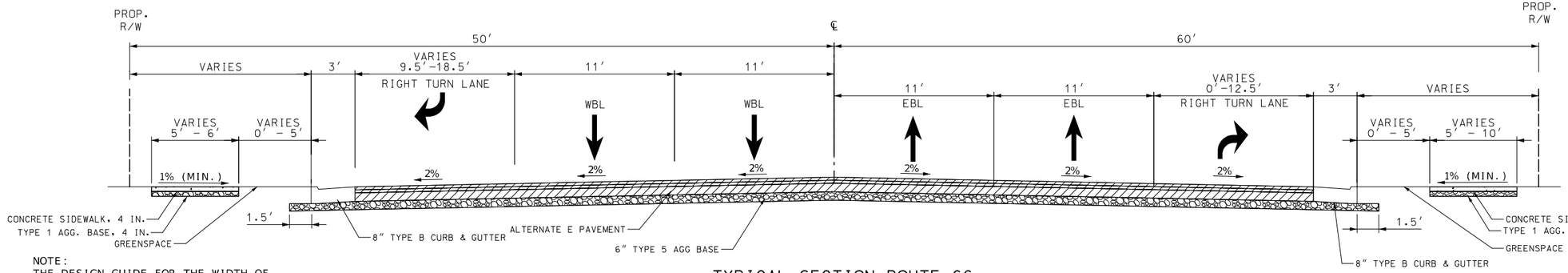


TYPICAL SECTION ROUTE 66
5 LANES W/ TURN LANE
STA. 304+20.00 TO 5+18.10
(PROPOSED)



TYPICAL SECTION ROUTE 66
6 LANES W/ TURN LANES
STA. 5+18.10 TO 7+73.74
(PROPOSED)



NOTE:
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TYPICAL SECTION ROUTE 66
6 LANES W/ TURN LANES
STA. 7+73.74 TO 10+94.02
(PROPOSED)

NOT TO SCALE

TYPICAL SECTIONS
ALTERNATE E - ASPHALT
(PROPOSED)

TYPICAL SHEET
3 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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ROUTE 66 ALTERNATE PAVEMENT DESIGN

NOTE:
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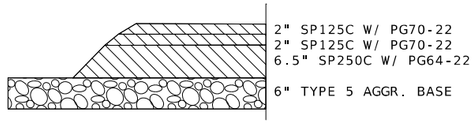
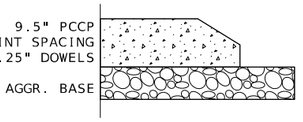
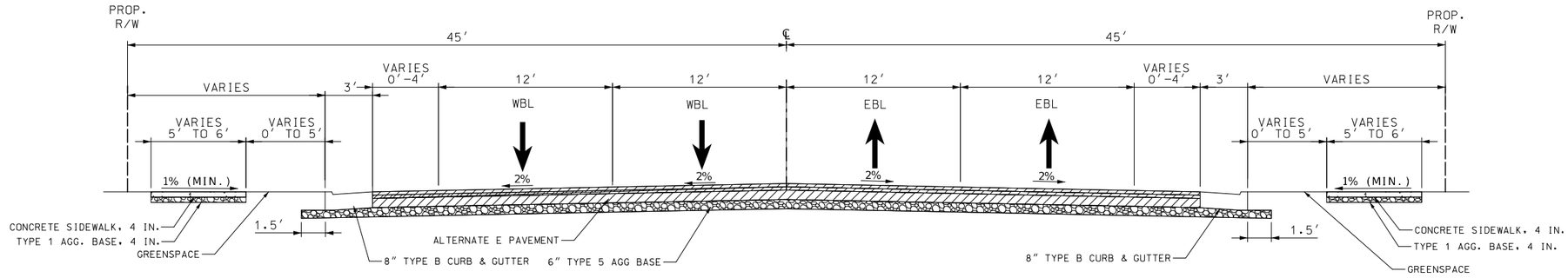


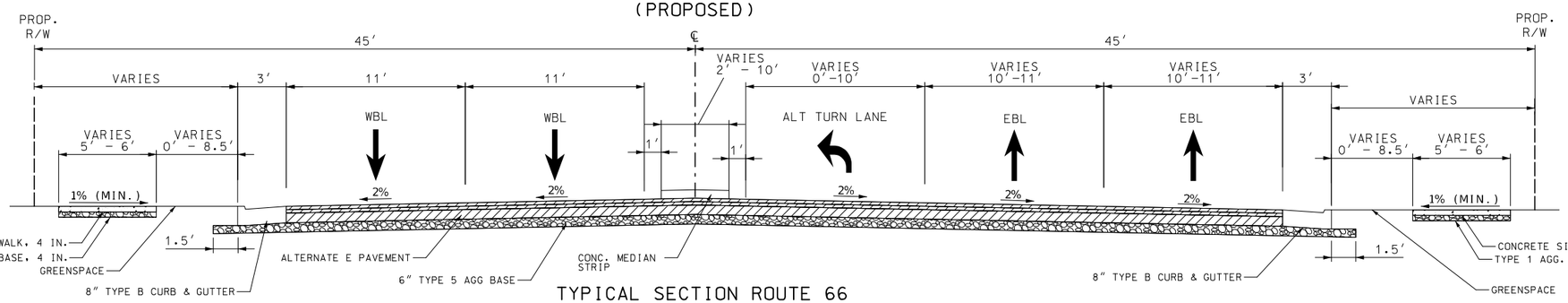
ALTERNATE E



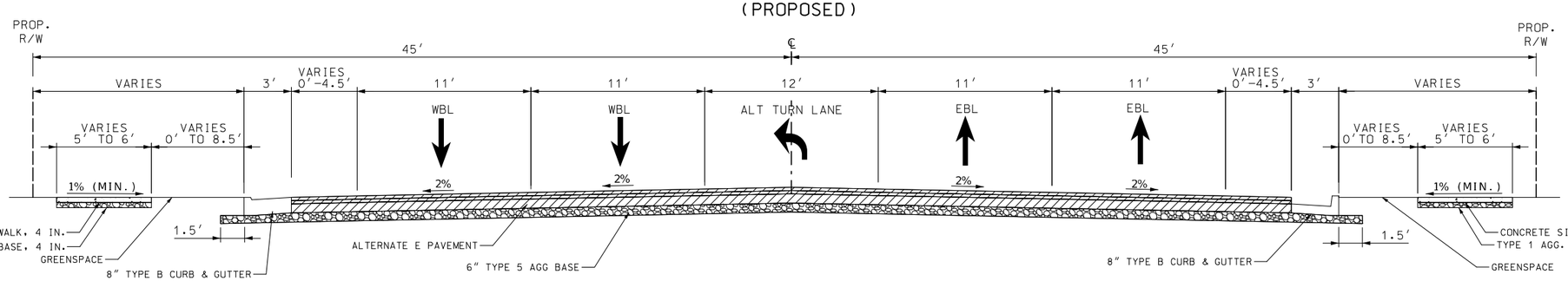
ALTERNATE F



TYPICAL SECTION ROUTE 66
4 LANES NO MEDIAN
STA. 20+48.75 TO STA. 25+29.54
(PROPOSED)



TYPICAL SECTION ROUTE 66
5 LANES W/ TURN LANE WITH MEDIAN
STA. 25+29.54 TO STA. 35+43.49
(PROPOSED)



TYPICAL SECTION ROUTE 66
5 LANES W/ ALT TURN LANE
STA. 35+43.49 TO STA. 14+80.80
(PROPOSED)

NOTE:
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NOT TO SCALE

TYPICAL SECTIONS

ALTERNATE E - ASPHALT
(PROPOSED)

TYPICAL SHEET
3 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
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DATE PREPARED
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ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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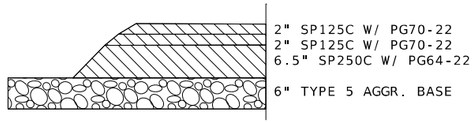
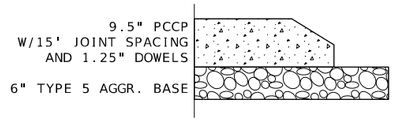
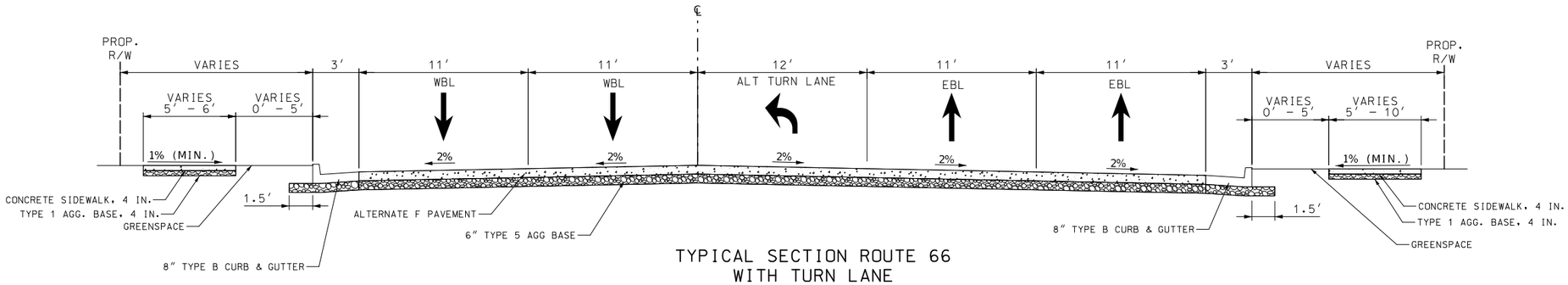
ROUTE 66 ALTERNATE PAVEMENT DESIGN



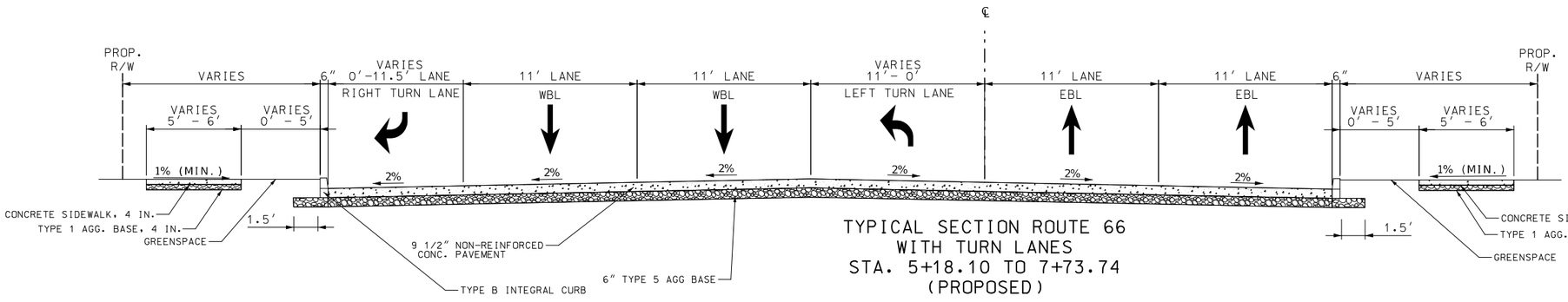
ALTERNATE E



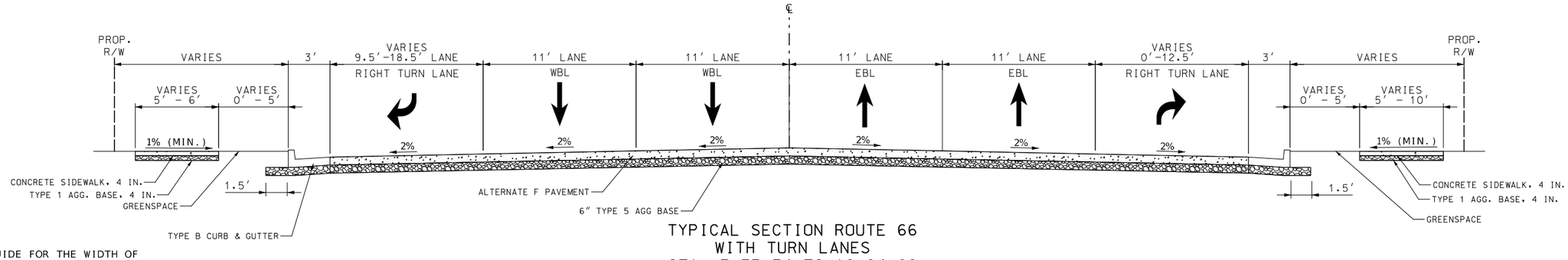
ALTERNATE F



TYPICAL SECTION ROUTE 66
WITH TURN LANE
STA. 304+00.00 TO 5+18.10
(PROPOSED)



TYPICAL SECTION ROUTE 66
WITH TURN LANES
STA. 5+18.10 TO 7+73.74
(PROPOSED)



TYPICAL SECTION ROUTE 66
WITH TURN LANES
STA. 7+73.74 TO 10+94.02
(PROPOSED)

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NOT TO SCALE

1% (MIN.)

TYPICAL SECTIONS

ALTERNATE F - CONCRETE
(PROPOSED)

TYPICAL SHEET
4 OF 12

STATE OF MISSOURI
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PROFESSIONAL ENGINEER
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DATE PREPARED
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66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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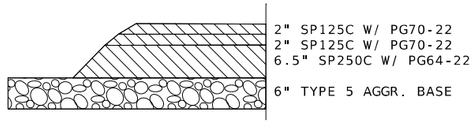

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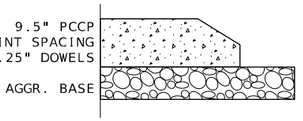

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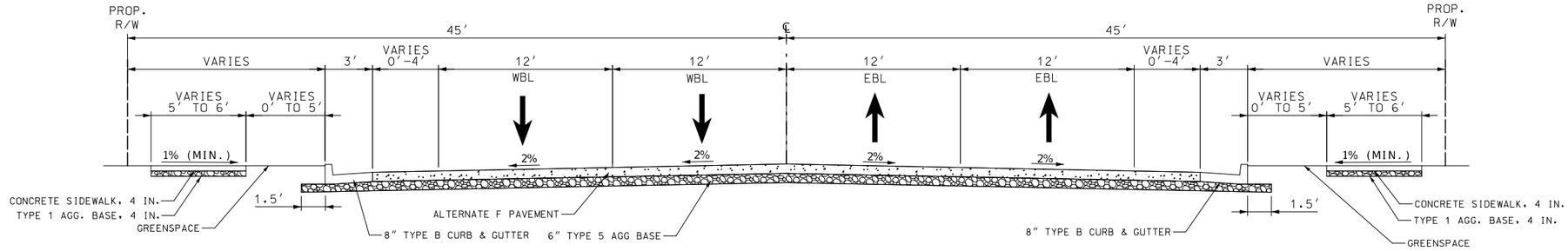

TYPICAL SECTION ROUTE 66
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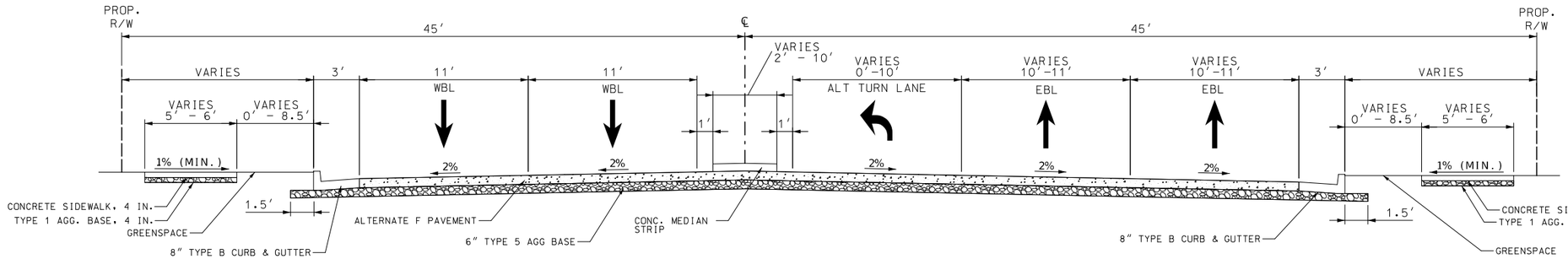
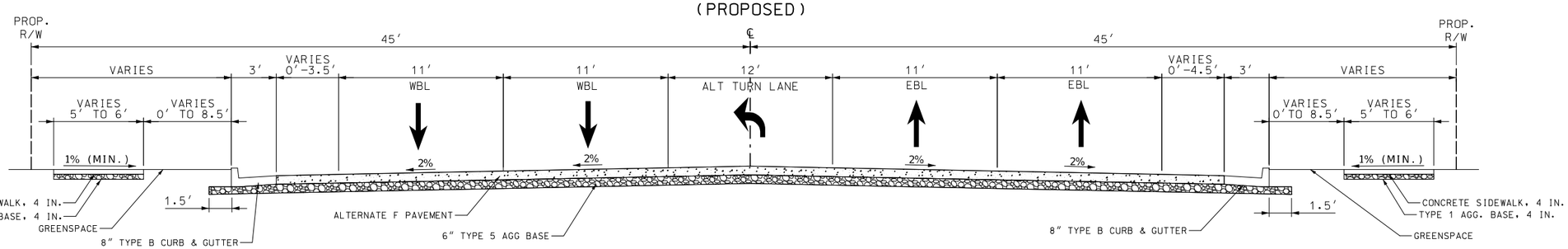
STA. 20+48.75 TO STA. 25+29.54
(PROPOSED)



TYPICAL SECTION ROUTE 66
5 LANES W/ TURN LANE WITH MEDIAN
STA. 25+29.54 TO STA. 35+43.49
(PROPOSED)



TYPICAL SECTION ROUTE 66
5 LANES W/ ALT TURN LANE
STA. 35+43.49 TO STA. 14+80.80
(PROPOSED)

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NOT TO SCALE

TYPICAL SECTIONS

ALTERNATE F - CONCRETE
(PROPOSED)

TYPICAL SHEET
4 OF 12

STATE OF MISSOURI
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PROFESSIONAL ENGINEER

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DISTRICT	SHEET NO.
SW	2

COUNTY
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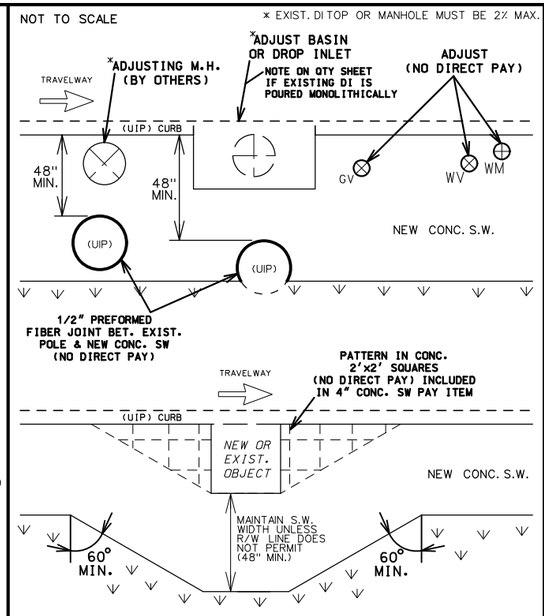
1. CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 609.00.
2. TINTED CONCRETE SHALL NOT BE USED. TRUNCATED DOMES SHALL BE OF A COLOR CONTRASTING WITH UNTINTED CONCRETE AND APPROVED BY THE ENGINEER. TRUNCATED DOMES ARE REQ'D. AT STREET INTERSECTIONS AND COMMERCIAL ENTRANCES WITH TRAFFIC CONTROL ONLY. (STOP/YIELD SIGNS OR SIGNALS)
3. CONCRETE SHALL BE IN ACCORDANCE WITH SEC. 608 & SEC. 609. CURING COMPOUND SHALL BE TRANSPARENT.
4. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE 4" THICK, WITH THE EXCEPTION OF THE BOTTOM TRANSITION WHICH TIES INTO THE EXISTING PAVED APPROACH AND ROADWAY. THIS TRANSITION, OR LANDING AREA, MUST BE 8" THICK IF IT FALLS WITHIN THE RADIUS OF THE APPROACH AND SITS AT THE BACK OF CURB OF THE ROADWAY. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE ON 4" TYPE 1 AGGREGATE BASE.
5. AGGREGATE BASE DENSITY - CONTRACTOR SHALL EXERCISE GOOD COMPACTIVE EFFORT AS APPROVED BY THE ENGINEER. DENSITY REQUIREMENTS BY NUCLEAR METHOD WILL NOT BE REQUIRED DUE TO WORK AREA CONSTRAINTS.
6. CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (16' MAX.)
   RUNNING SLOPE = >5% (MIN.) TO 8.33% (MAX.) UNIFORMLY DOWN THE LENGTH OF THE RAMP.

   CONCRETE LANDING - WIDTH = TO MATCH PROPOSED CURB RAMP AND SIDEWALK WIDTH LENGTH = 5' MIN.
   SLOPE IN ALL DIRECTIONS = 1% PREFERRED (2% MAX.) UNLESS TIED TO ROADWAY EXCEPTION.
7. ALL EXISTING UTILITIES SHALL BE USED IN PLACE UNLESS OTHERWISE NOTED. ALL MANHOLE OR VALVE COVER, ETC. ELEVATIONS SHALL BE ADJUSTED AS REQUIRED IF THEY ARE LOCATED WITHIN THE IMPROVEMENT AREA.
8. "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1057 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
9. REINFORCING STEEL TIE BARS SHALL BE IN ACCORDANCE WITH SECTION 706. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND USED AS APPROVED BY THE ENGINEER. WHERE TIE BARS ARE USED, THE CONCRETE SHALL BE 8" THICK (NO DIRECT PAY).
10. CONSTRUCTION AND LENGTH OF EACH CURB RAMP INCLUDING LANDINGS AND TRANSITION AREAS SHALL BE AS SHOWN ON THE PLANS UNLESS DIFFERING FIELD CONDITIONS ARE FOUND OR AS APPROVED BY THE ENGINEER. CURB RAMP CROSS SLOPES SHALL BE 1% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMPS ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
11. SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMPS OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
12. S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
13. SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MIN.

NOT TO SCALE

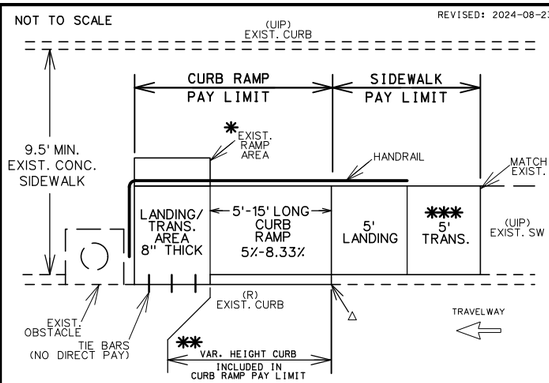


UTILITIES OR VARIOUS OBSTACLES

NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AREAS AND SIDEWALK WITH A MINIMUM OF 4' CLEARANCE AROUND THE POLE

NOT TO SCALE

REVISED: 2024-08-23



△ MATCH EXIST CURB

✱ FILL IN WHERE EXIST. RAMP WAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

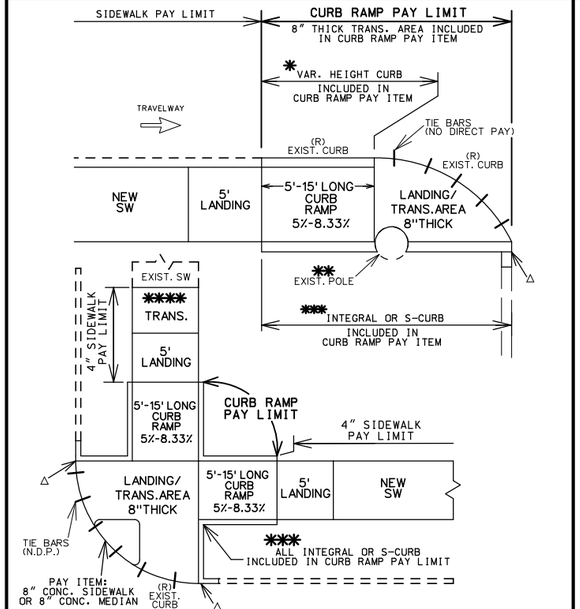
✱✱ VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS.

✱✱✱ TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

—— HANDRAIL 2' OFF E.O.P (SEE HANDRAIL STANDARDS)

CURB RAMP - IN EXISTING 9.5'+ WIDE SW

PAY LIMITS



△ MATCH EXIST CURB HEIGHT, OPTIONAL 1' TIE-IN TO EXIST CURB

✱ VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONST. MONOLITHIC OR SEP. DEPENDING ON CONST. OPERATIONS.

✱✱ NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AND TRANSITION AREAS.

✱✱✱ TYPE OF CURB WILL DEPEND ON FIELD CONDITIONS.

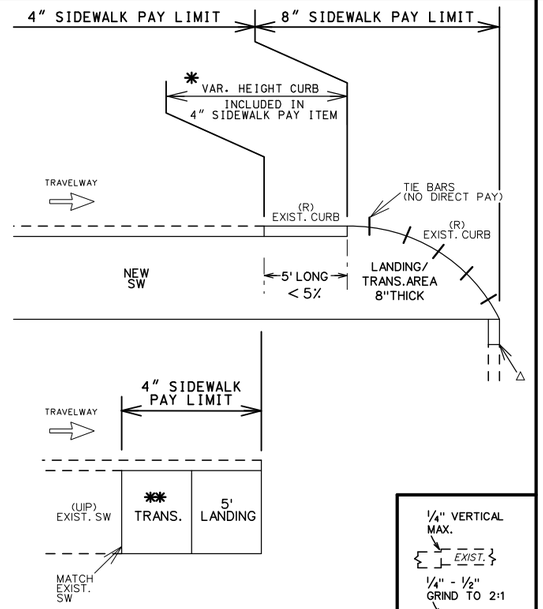
✱✱✱ TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

CURB RAMP

PAY LIMITS

WHEN RAMP AREA IS LONGER THAN 5'AND BETW. 5%-8.33% GRADE, IT IS CONSIDERED A CURB RAMP

NOT TO SCALE



△ MATCH EXIST CURB HEIGHT (1'TAPER FROM SIDEWALK UP TO EXIST CURB HEIGHT)

✱ VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS. DOWEL TO EXIST. GUTTER/PAVEMENT (NO DIRECT PAY).

✱✱ TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

SIDEWALK

PAY LIMITS

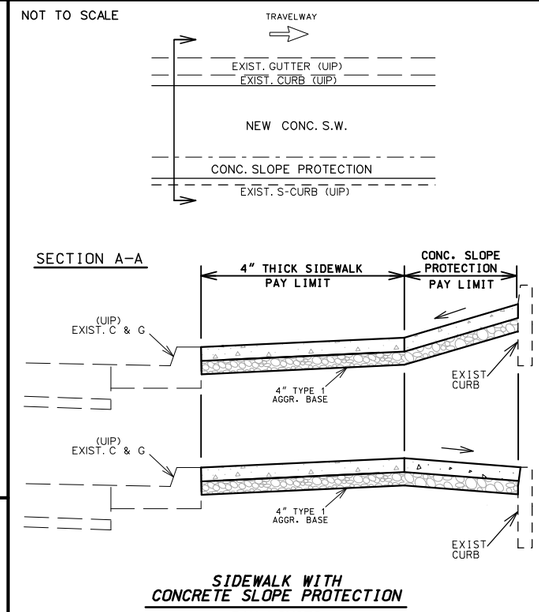
WHEN RAMP AREA IS LESS THAN 5% GRADE, IT IS CONSIDERED SIDEWALK

NOT TO SCALE

JOINT GRINDING

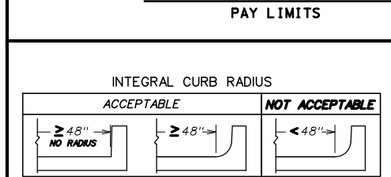
TRIP HAZARDS 622-99.03

NOT TO SCALE



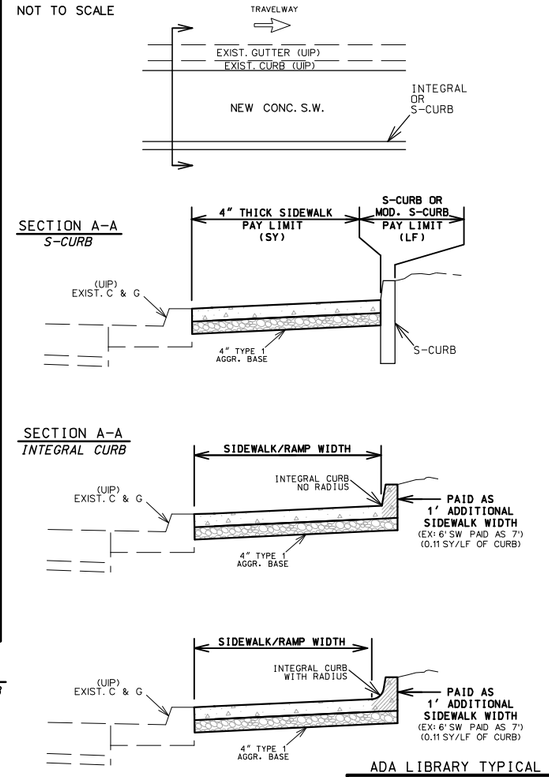
SIDEWALK WITH CONCRETE SLOPE PROTECTION

PAY LIMITS



SECTION A-A
INTEGRAL CURB WITH RADIUS

NOT TO SCALE



ADA LIBRARY TYPICAL

SIDEWALK & RAMP WITH CURB

PAY LIMITS

TYPICAL SHEET
SHEET 5 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: JASPER

JOB NO.: J7S2185D

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PERPENDICULAR – TYPE 1

TYPE 1-A

LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	10.0	12.0	–	10.0	12.0	–	10.0	12.0	
CURB RAMP	SY	–	8.2	12.8	–	10.8	12.7	–	13.5	15.8	
CONC. SIDEWALK	SY	–	5.6	6.4	–	5.6	6.4	–	4.9	6.4	
TYPE 1 AGGREGATE	SY	–	13.8	16.0	–	16.4	19.1	–	18.3	22.2	
ADA LINEAR GRADING	LF	–	22.0	22.0	–	27.5	27.5	–	30.0	30.5	
SODDING	SY	–	5.8	5.7	–	6.8	6.9	–	7.5	7.9	

TYPE 1-B

LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	22.0	24.0	–	22.0	24.0	–	22.0	24.0	
CURB RAMP	SY	–	10.9	13.1	–	13.6	16.3	–	16.2	19.3	
CONC. SIDEWALK	SY	–	5.6	6.3	–	5.6	6.4	–	4.9	5.7	
TYPE 1 AGGREGATE	SY	–	16.5	19.4	–	19.2	22.7	–	21.1	25.0	
ADA LINEAR GRADING	LF	–	28.0	28.0	–	34.5	34.5	–	38.0	38.0	
SODDING	SY	–	7.4	7.8	–	8.4	8.7	–	9.1	9.5	

TYPE 1-C

LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	10.0	12.0	–	10.0	12.0	–	10.0	12.0	
CURB RAMP	SY	–	8.8	10.3	–	11.5	13.4	–	14.1	16.5	
CONC. SIDEWALK	SY	–	5.6	6.4	–	5.6	6.4	–	4.9	5.7	
TYPE 1 AGGREGATE	SY	–	14.4	16.7	–	17.1	19.8	–	19.0	22.1	
ADA LINEAR GRADING	LF	–	22.0	22.0	–	26.5	26.5	–	30.0	30.0	
SODDING	SY	–	11.5	11.7	–	13.5	13.5	–	15.0	15.2	

TYPE 1-D

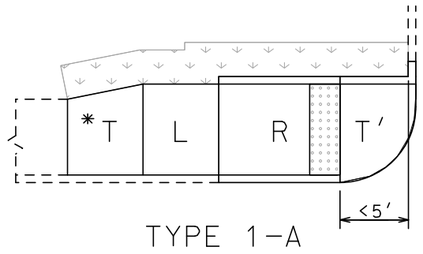
LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP	SY	–	18.6	22.8	–	24.0	29.0	–	29.3	35.3	
CONC. SIDEWALK	SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE	SY	–	29.8	35.6	–	35.2	41.8	–	39.1	46.7	
ADA LINEAR GRADING	LF	–	42.0	50.0	–	57.0	61.0	–	67.0	72.0	
SODDING	SY	–	11.0	11.3	–	13.0	13.3	–	14.5	14.9	

TYPE 1-E

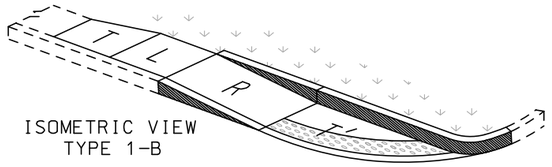
LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP	SY	–	14.8	19.0	–	20.1	25.2	–	25.5	31.4	
CONC. SIDEWALK	SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE	SY	–	26.0	31.8	–	31.3	38.0	–	35.3	42.8	
ADA LINEAR GRADING	LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING	SY	–	13.3	13.6	–	16.0	16.9	–	18.6	19.3	

TYPE 1-F

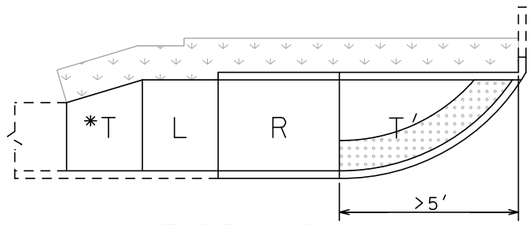
LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	14.0	16.0	–	14.0	16.0	–	14.0	16.0	
CURB RAMP	SY	–	15.5	19.0	–	20.8	25.2	–	26.2	31.4	
CONC. SIDEWALK	SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE	SY	–	26.7	31.8	–	32.0	38.0	–	36.0	42.8	
ADA LINEAR GRADING	LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING	SY	–	18.4	18.8	–	22.4	22.8	–	25.6	25.9	



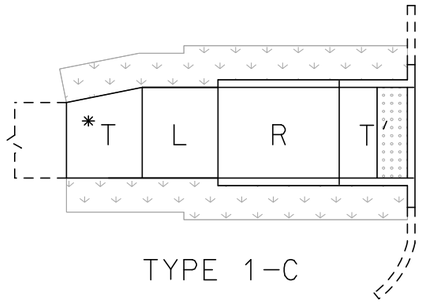
TYPE 1-A



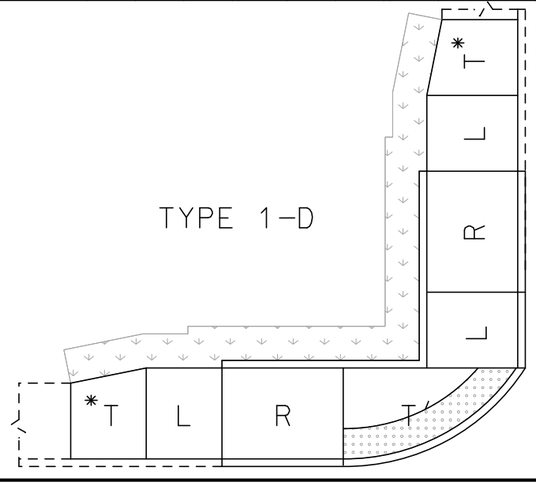
ISOMETRIC VIEW
TYPE 1-B



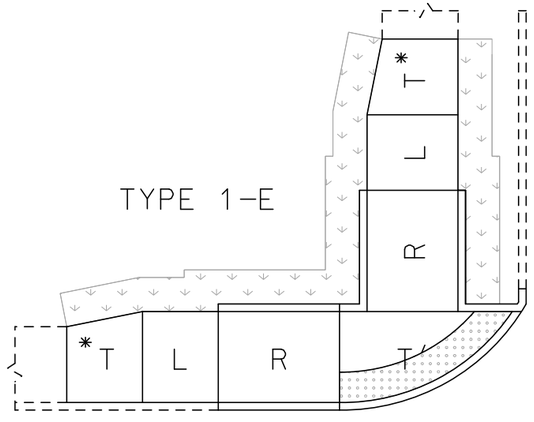
TYPE 1-B



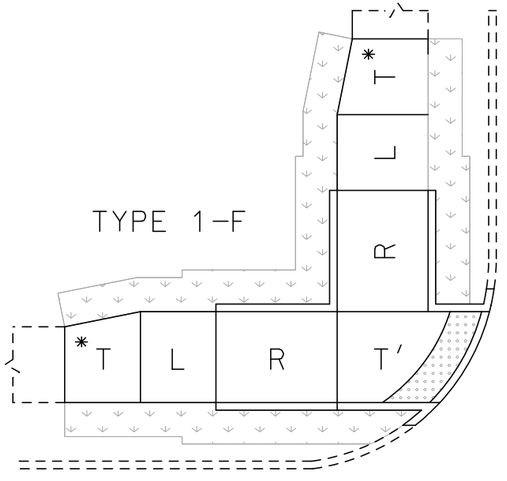
TYPE 1-C



TYPE 1-D



TYPE 1-E



TYPE 1-F

T'- IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED AT PAVED APPROACH IF CONDITIONS ALLOW)

* - T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L - LANDING

R - RAMP

- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

- TRUNCATED DOME LOCATION IF DIST. IS <5' OR >5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

REVISED: 2022-05-18

ADA LIBRARY TYPICAL

TYPE 1

PERPENDICULAR CURB RAMPS

TYPICAL SHEET 6 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PARALLEL – TYPE 2

TYPE 2-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	9.1	10.6	–	11.8	13.7	–	14.4	16.8	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	14.7	17.0	–	16.7	19.4	–	19.3	22.5	
ADA LINEAR GRADING LF	–	26.0	26.0	–	29.0	29.0	–	33.0	33.0	
SODDING SY	–	8.0	8.3	–	8.6	8.8	–	9.6	9.8	

TYPE 2-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	11.8	13.3	–	14.5	16.4	–	17.2	19.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	17.4	19.7	–	19.4	22.1	–	22.1	25.2	
ADA LINEAR GRADING LF	–	26.0	26.0	–	29.0	29.0	–	33.0	33.0	
SODDING SY	–	13.8	14.1	–	15.1	15.5	–	17.1	17.5	

TYPE 2-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	16.4	18.7	–	21.7	24.9	–	27.0	31.2	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	27.6	31.5	–	31.5	36.3	–	36.8	42.6	
ADA LINEAR GRADING LF	–	41.0	41.0	–	47.0	47.0	–	55.0	55.0	
SODDING SY	–	12.3	12.5	–	13.6	13.9	–	15.6	15.9	

TYPE 2-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	16.8	19.2	–	22.2	25.4	–	27.5	31.6	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	28.0	32.0	–	32.0	36.8	–	37.3	43.0	
ADA LINEAR GRADING LF	–	41.0	41.0	–	47.0	47.0	–	55.0	55.0	
SODDING SY	–	20.2	20.3	–	22.4	23.2	–	26.4	27.2	

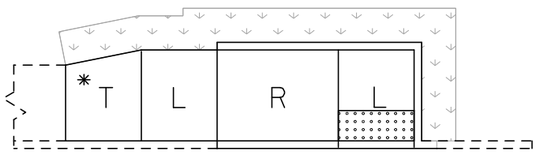
TYPE 2-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	10.8	11.5	–	13.2	14.4	–	15.7	17.3	
CONC. SIDEWALK SY	–	5.6	6.7	–	5.0	6.0	–	5.0	6.0	
TYPE 1 AGGREGATE SY	–	16.4	18.2	–	18.2	20.4	–	20.7	23.3	
ADA LINEAR GRADING LF	–	22.5	22.5	–	26.5	26.5	–	30.5	30.5	
SODDING SY	–	–	–	–	–	–	–	–	–	
HANDRAIL LF	–	–	–	–	–	–	–	–	–	SEE STANDARDS FOR LENGTH

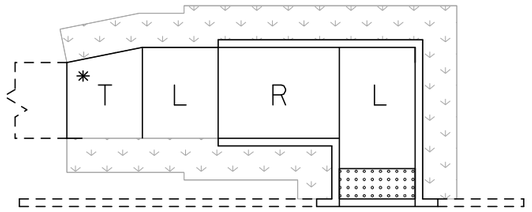
TYPE 2-F

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.5	17.1	–	20.4	23.1	–	25.5	28.9	
CONC. SIDEWALK SY	–	11.2	13.4	–	10.0	12.0	–	10.0	12.0	
TYPE 1 AGGREGATE SY	–	26.7	30.5	–	30.4	35.1	–	35.5	40.9	
ADA LINEAR GRADING LF	–	39.0	39.0	–	47.0	47.0	–	55.0	55.0	
SODDING SY	–	–	–	–	–	–	–	–	–	
HANDRAIL LF	–	–	–	–	–	–	–	–	–	SEE STANDARDS FOR LENGTH

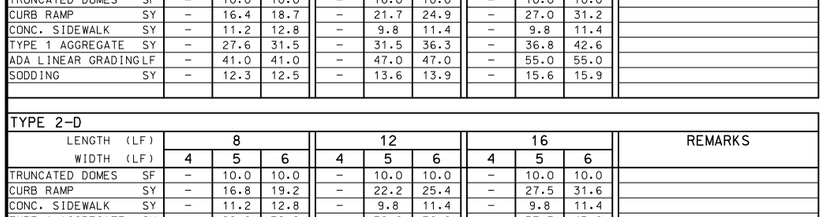
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



TYPE 2-A



TYPE 2-B



TYPE 2-D

** 3.5' LANDING EXTENSION REQ'D. FOR INSTALLATION OF FUTURE OR NEW PED. PUSH BUTTON

NOTE: SEE STANDARDS FOR ALL PED. PUSH BUTTON LOCATIONS

– TRUNCATED DOMES

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

T – TRANSITION TO EXISTING SW

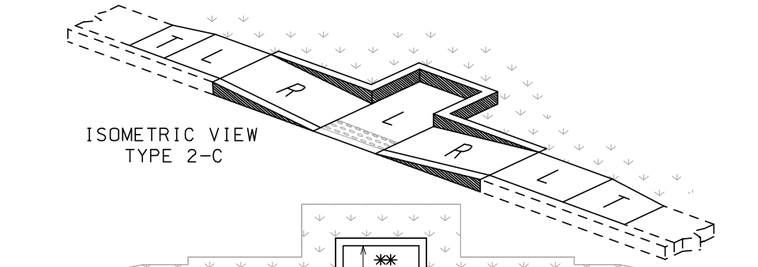
* – T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK. (IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L – LANDING

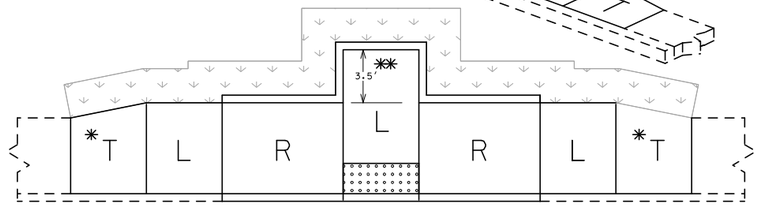
R – RAMP

– SOD SLOPE 6:1 MIN.

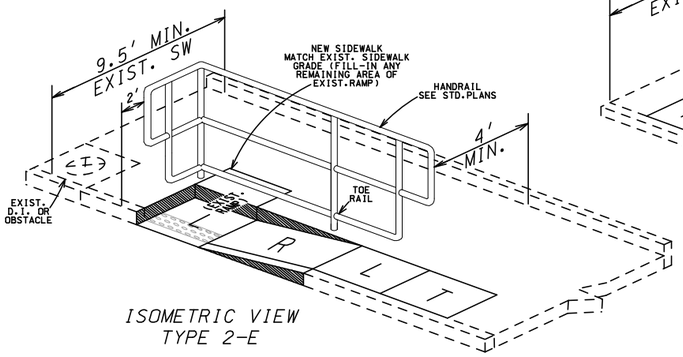
– CURB RAMP PAY LIMITS



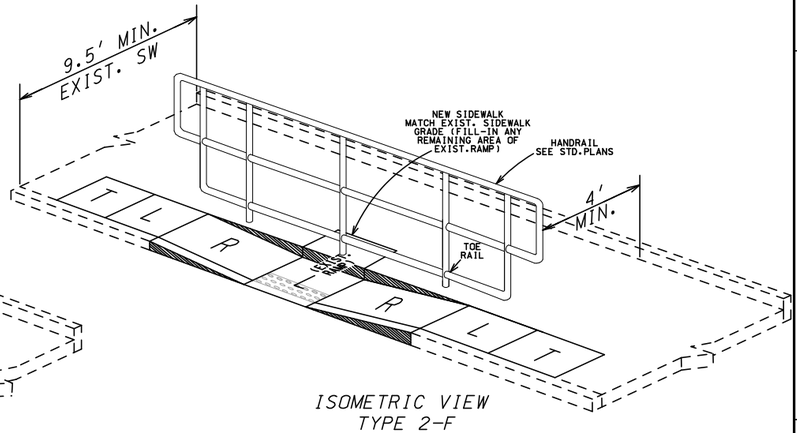
ISOMETRIC VIEW
TYPE 2-C



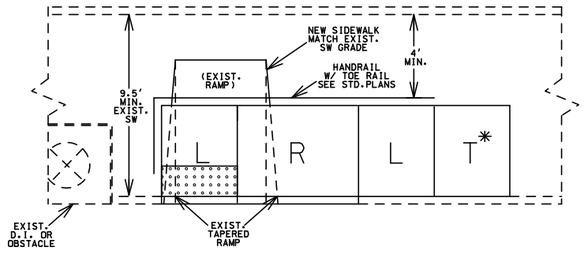
TYPE 2-C



ISOMETRIC VIEW
TYPE 2-E



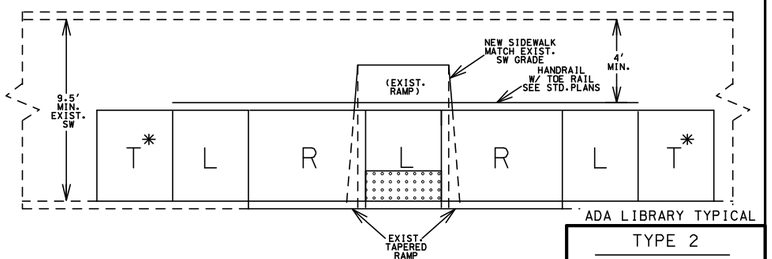
ISOMETRIC VIEW
TYPE 2-F



TYPE 2-E

USE ONLY WHEN TYPE 2-F IS UNABLE TO BE CONSTRUCTED DUE TO AN EXIST. D.I. OR OTHER OBSTACLE

SEE STANDARDS FOR HANDRAIL SPECS



TYPE 2-F

SEE STANDARDS FOR HANDRAIL SPECS

TYPE 2
PARALLEL CURB RAMPS

TYPICAL SHEET 7 OF 12

REVISED: 2022-05-18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 2

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PARALLEL - TYPE 2 (cont'd.)

TYPE 2-G

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	20.8	23.7	–	25.8	30.2	
CONC. SIDEWALK SY	–	21.4	25.0	–	17.6	20.3	–	15.2	17.5	
TYPE 1 AGGREGATE SY	–	37.1	43.0	–	38.4	44.0	–	41.0	47.7	
ADA LINEAR GRADING LF	–	52.0	52.0	–	54.0	54.0	–	58.0	58.0	
SODDING SY	–	13.6	13.6	–	13.7	13.5	–	14.5	14.9	

TYPE 2-H

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	21.0	24.5	–	26.9	31.4	
CONC. SIDEWALK SY	–	13.2	16.0	–	12.0	14.2	–	12.0	14.4	
TYPE 1 AGGREGATE SY	–	28.9	34.0	–	33.0	38.6	–	38.9	45.8	
ADA LINEAR GRADING LF	–	42.0	42.0	–	49.0	49.0	–	55.0	55.0	
SODDING SY	–	11.1	11.2	–	12.5	12.5	–	14.5	14.9	

REVISED: 2022-05-18

T* - IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

T - TRANSITION TO EXISTING SW

L - LANDING

R - RAMP

- SOD SLOPE 6:1 MIN.

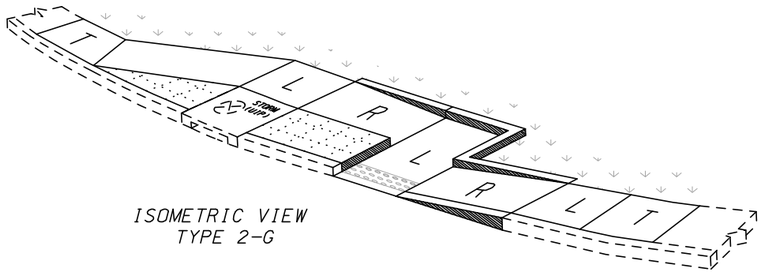
- TRUNCATED DOME LOCATION IF DIST. IS <5' OR > 5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

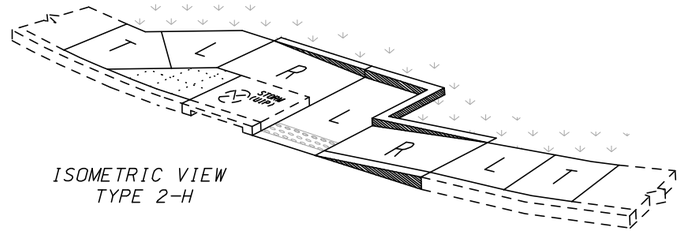
- CURB RAMP PAY LIMITS

- INCLUDED IN 4" CONC. SIDEWALK PAY LIMIT

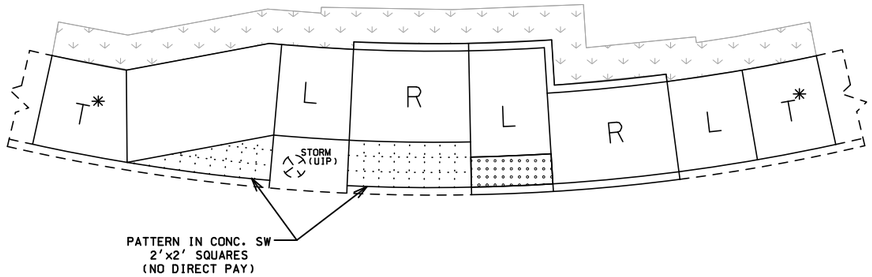
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



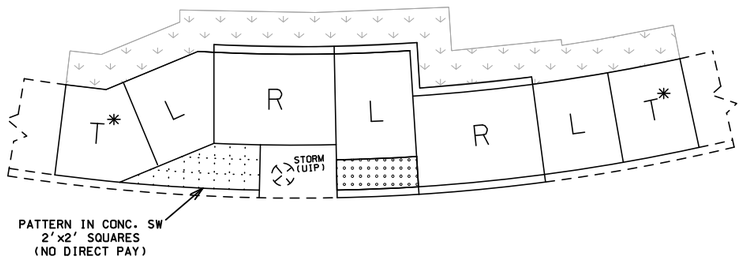
ISOMETRIC VIEW
TYPE 2-G



ISOMETRIC VIEW
TYPE 2-H



TYPE 2-G



TYPE 2-H

ADA LIBRARY TYPICAL

TYPE 2

PARALLEL
CURB RAMPS

TYPICAL SHEET
8 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: JASPER

JOB NO.: J7S2185D

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

DIAGONAL – TYPE 3

TYPE 3-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	20.6	25.0	–	20.6	25.0	
CURB RAMP SY	–	24.4	27.0	–	26.9	31.2	–	32.2	37.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	35.6	39.8	–	36.7	42.6	–	42.0	48.8	
ADA LINEAR GRADING LF	–	51.0	51.0	–	59.0	59.0	–	67.0	67.0	
SODDING SY	–	11.6	11.4	–	12.9	12.9	–	14.9	14.9	
8"SW OR MED STRIP SY	–	3.0	2.2	–	3.0	2.2	–	3.0	2.2	

TYPE 3-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	20.6	25.0	–	20.6	25.0	
CURB RAMP SY	–	22.0	26.3	–	25.9	31.2	–	31.2	37.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	33.2	39.1	–	35.7	42.6	–	41.0	48.8	
ADA LINEAR GRADING LF	–	51.0	51.0	–	59.0	59.0	–	67.0	67.0	
SODDING SY	–	15.2	15.3	–	17.1	17.5	–	20.1	20.5	
8"SW OR MED STRIP SY	–	1.5	1.5	–	1.5	1.5	–	1.5	1.5	

TYPE 3-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP SY	–	20.7	26.8	–	25.1	31.5	–	30.4	37.7	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	31.9	39.6	–	34.9	42.9	–	40.2	49.1	
ADA LINEAR GRADING LF	–	51.0	51.0	–	58.0	58.0	–	67.0	67.0	
SODDING SY	–	18.8	19.3	–	21.3	22.1	–	25.3	26.1	
8"SW OR MED STRIP SY	–	1.0	1.6	–	1.0	1.6	–	1.0	1.6	

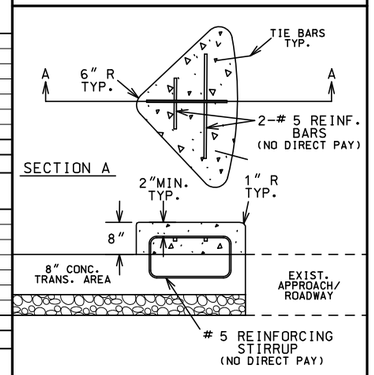
TYPE 3-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	22.4	26.5	–	22.4	26.5	
CURB RAMP SY	–	15.9	19.1	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	21.5	25.5	–	22.6	27.1	–	25.3	30.2	
ADA LINEAR GRADING LF	–	31.0	31.0	–	34.0	34.0	–	38.0	38.0	
SODDING SY	–	12.6	12.9	–	13.5	14.0	–	15.5	16.0	
8"SW OR MED STRIP SY	–	1.0	0.8	–	1.0	0.8	–	1.0	1.0	

TYPE 3-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP SY	–	17.2	19.8	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK SY	–	8.4	10.7	–	7.3	9.4	–	7.3	9.4	
TYPE 1 AGGREGATE SY	–	25.6	30.5	–	25.0	30.8	–	27.7	33.9	
ADA LINEAR GRADING LF	–	30.0	30.0	–	35.5	35.5	–	39.5	39.5	
SODDING SY	–	12.4	12.4	–	12.9	13.3	–	14.9	15.3	
8"SW OR MED STRIP SY	–	1.6	1.6	–	1.6	1.6	–	1.6	1.6	

– DETAIL –
8" SIDEWALK OR 8" MEDIAN STRIP



T' – IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

T – TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED IF CONDITIONS ALLOW)

T* – IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE WITH THE NEW LANDING XSLOPE)

L – LANDING

R – RAMP

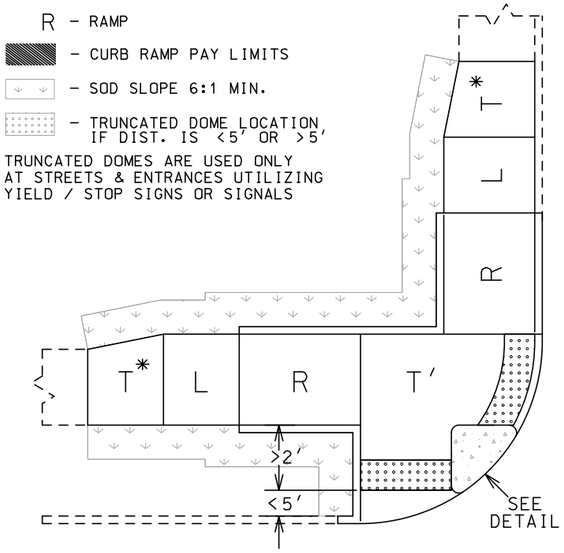
– CURB RAMP PAY LIMITS

– SOD SLOPE 6:1 MIN.

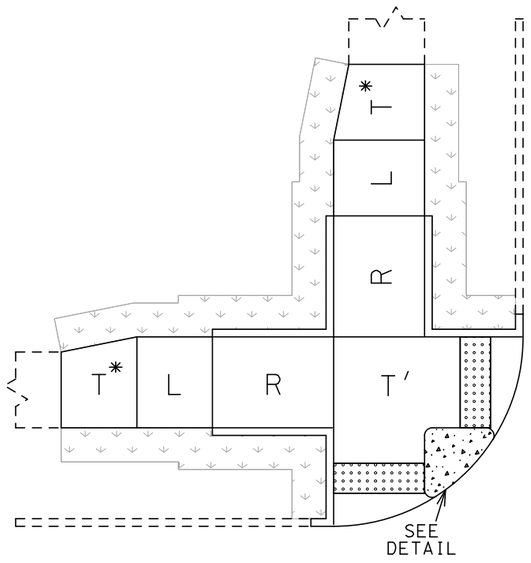
– TRUNCATED DOME LOCATION IF DIST. IS <5' OR >5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

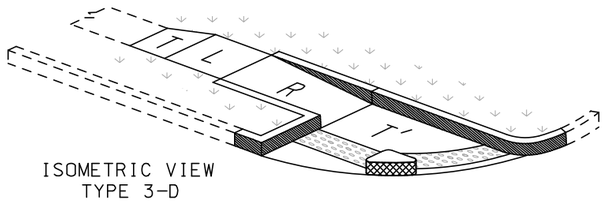
TYPE 3-A



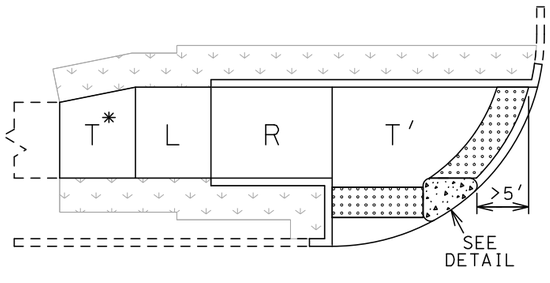
TYPE 3-B



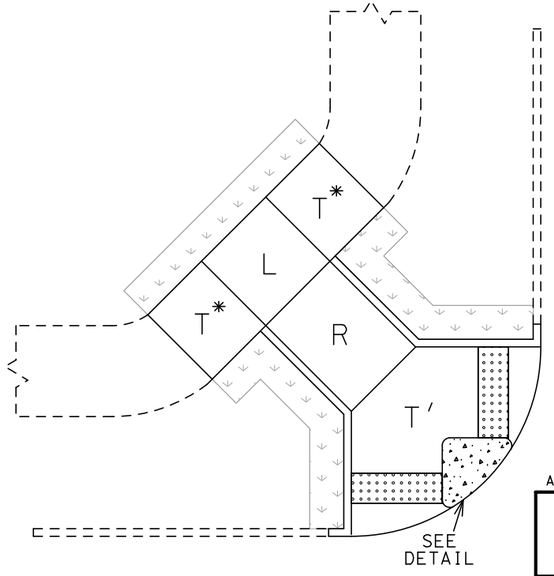
TYPE 3-C



ISOMETRIC VIEW
TYPE 3-D



TYPE 3-D



TYPE 3-E

REVISED: 2022-05-18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/3/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

ADA LIBRARY TYPICAL
TYPE 3
DIAGONAL CURB RAMPS
TYPICAL SHEET 9 OF 12

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

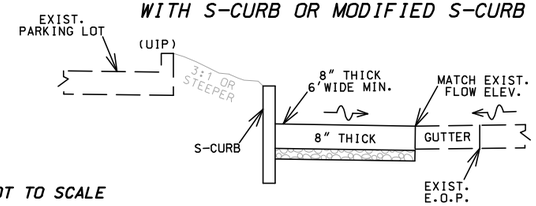
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REVISED: 2022-05-16

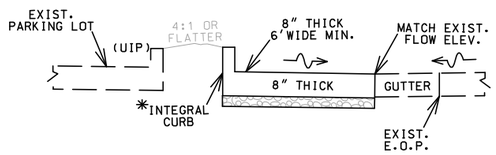
NOTES FOR MODIFIED SIDEWALK:

1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 8" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ADJACENT TO MODIFIED SIDEWALK.
5. MODIFIED SIDEWALK PAID FOR AS 8" SIDEWALK.
6. 6' MINIMUM WIDTH.
7. NO DIRECT PAY FOR SAW CUTS AND TIE BARS (ON 12" CENTERS MAX.)
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

SECTION A-A
WITH S-CURB OR MODIFIED S-CURB



SECTION A-A
WITH INTEGRAL CURB

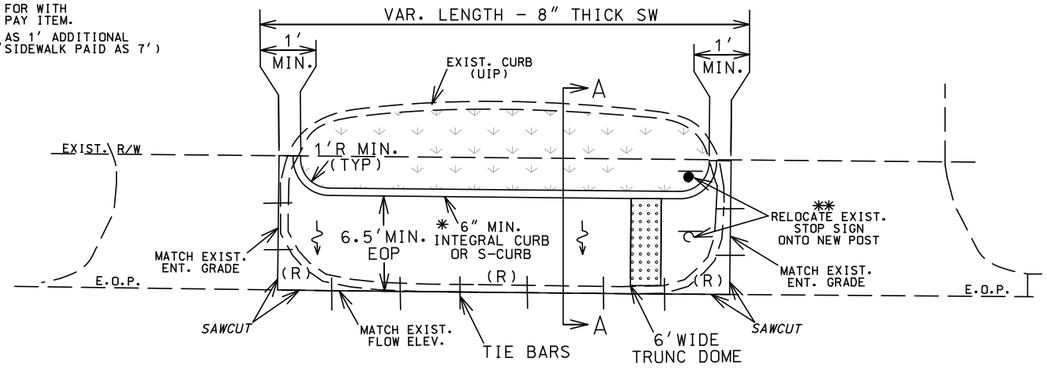


NOT TO SCALE

* INTEGRAL CURB IS PAID FOR WITH THE 8" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

TYPICAL
MODIFIED SIDEWALK
8" THICK

** TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP/YIELD SIGNS OR SIGNALS.

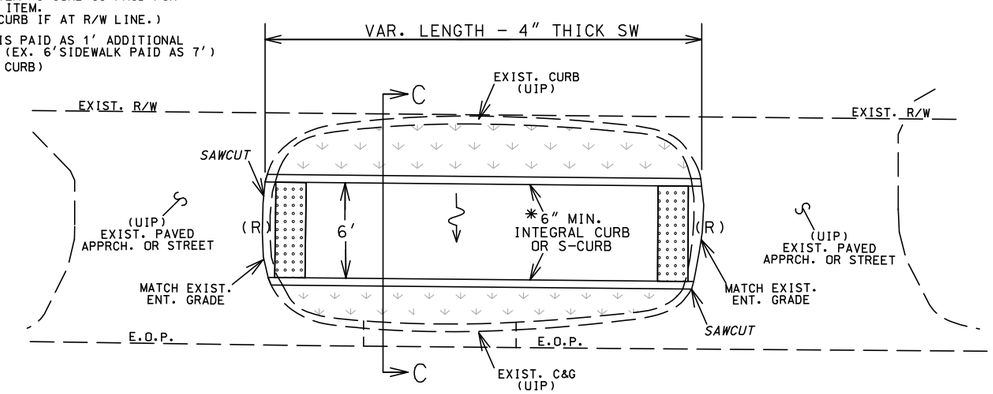


NOTES FOR CUT-THRU SIDEWALK:

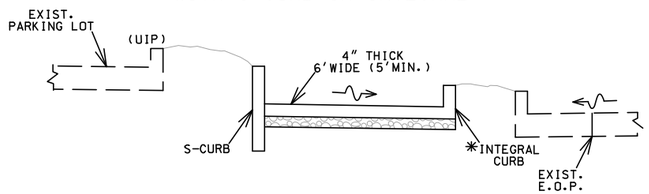
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ON BOTH SIDES ADJACENT TO SIDEWALK.
5. CUT-THRU SIDEWALK PAID FOR AS 4" SIDEWALK.
6. 6' PREFERRED WIDTH (5' MIN.)
7. SAW CUTS (NO DIRECT PAY).
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

* INTEGRAL CURB IS PAID FOR AS 4" CONC. SIDEWALK PAY ITEM. S-CURB IS PAID FOR AS ITS OWN PAY ITEM. (ALWAYS USE S-CURB IF AT R/W LINE.)
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

TYPICAL
CUT-THRU SIDEWALK



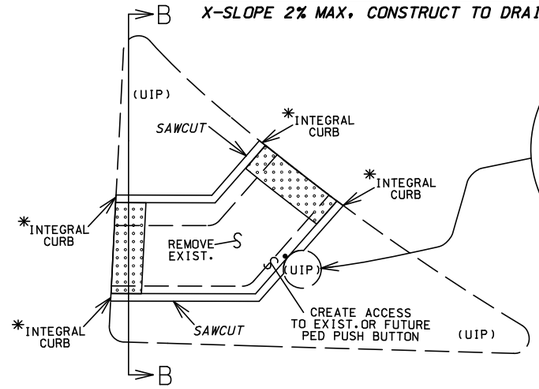
SECTION C-C
WITH S-CURB OR INTEGRAL

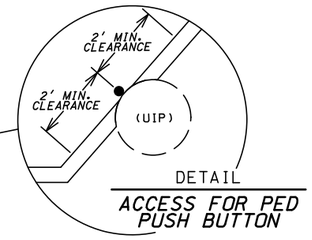


NOT TO SCALE

NOT TO SCALE

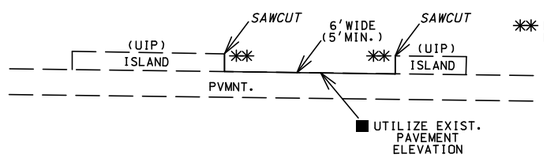
TYPICAL
ISLAND CUT-THRU SIDEWALK
X-SLOPE 2% MAX. CONSTRUCT TO DRAIN





DETAIL
ACCESS FOR PED PUSH BUTTON

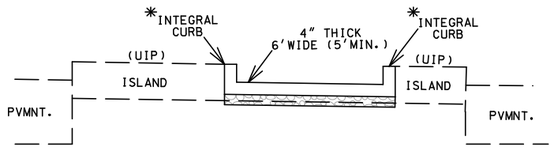
SECTION B-B
ISLAND CUT-THRU SIDEWALK FOR EXISTING 'PINNED-ON' ISLAND



■ SMALL QTY. HAS BEEN INCLUDED FOR 8" THICK SIDEWALK TO ADDRESS ANY UNFORSEEN PVMNT. REPAIRS OR DIFFERENCES IN ELEVATION. (UNDERRUN IF FIELD CONDITIONS DO NOT WARRANT)

** NO INTEGRAL CURB, AGGR. OR LIN. GRADING REQUIRED IF THE ISLAND IS 'PINNED-ON'

SECTION B-B
ISLAND CUT-THRU SIDEWALK



* INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

ADA LIBRARY TYPICAL

MODIFIED SIDEWALK AND SIDEWALK CUT-THRUs

TYPICAL SHEET 10 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/3/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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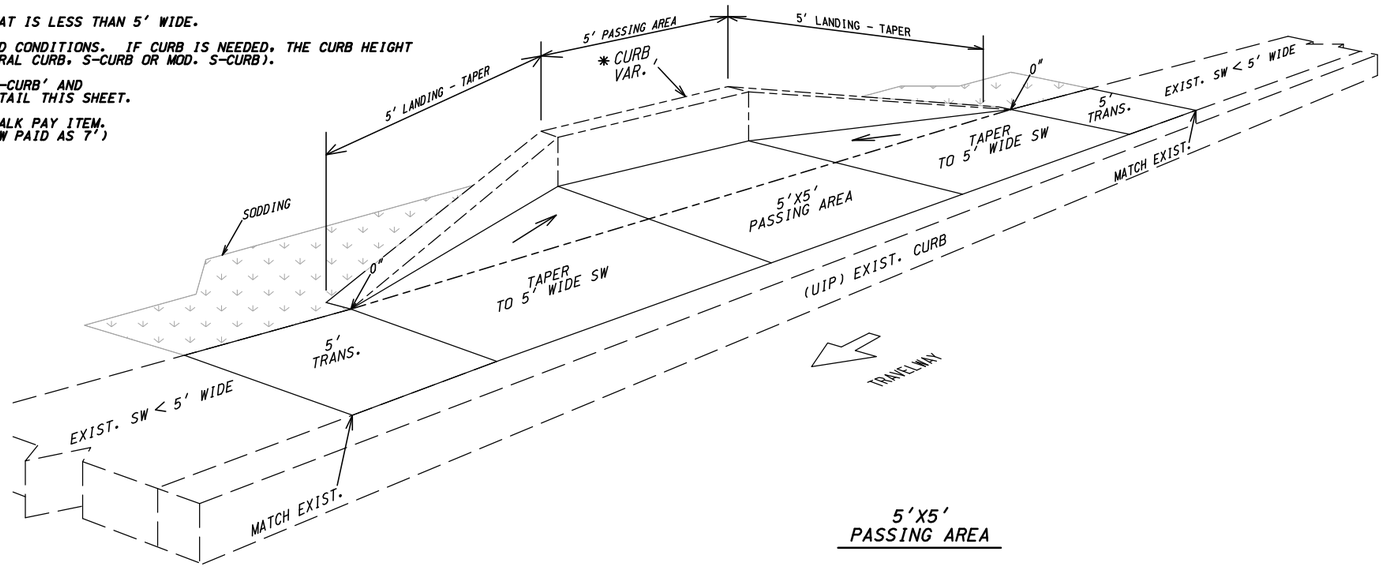
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REVISED: 2024-01-18

NOTES:

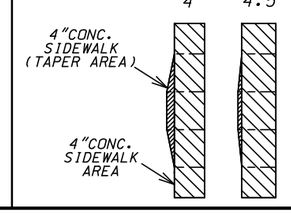
1. PASSING AREA REQUIRED EVERY 200' ON SIDEWALK THAT IS LESS THAN 5' WIDE.
2. * CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS NEEDED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
4. ** INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6' SW PAID AS 7') (0.11 SY/LF OF CURB)



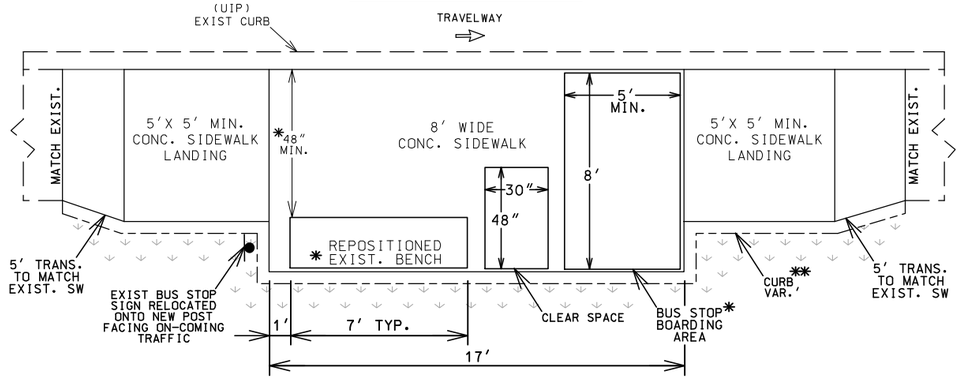
5'X5' PASSING AREA

NOT TO SCALE

QUANTITIES FOR PASSING AREAS				
EXISTING SW WIDTH			4'	4.5'
4" CONC. SIDEWALK (TAPER)		SY	1.3	0.7
TYPE 1 AGGREGATE		SY	1.3	0.7
4" CONC. SIDEWALK		SY	10.4	11.7
TYPE 1 AGGREGATE		SY	10.4	11.7
INTEGRAL CURB	**	SY	2.0	2.0
TYPE 1 AGGREGATE		SY	1.0	1.0
S-CURB		LF	17.2	16.0
MODIFIFED S-CURB		LF	17.2	16.0
SODDING		SY	53.0	53.0
LINEAR GRADING		LF	25.0	25.0



BUS STOP WITH BENCH



NOTES:

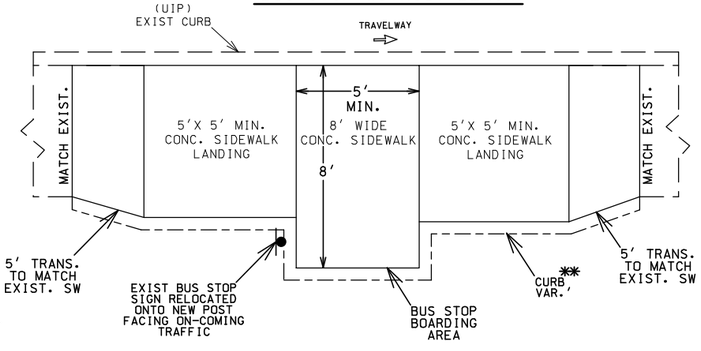
* 1. THE REPOSITIONED BENCH SHALL NOT BE PLACED ON THE 5'X8' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH AT THE BACK EDGE OF THE CONC. PAD TO PROVIDE MAX.CLEARANCE.

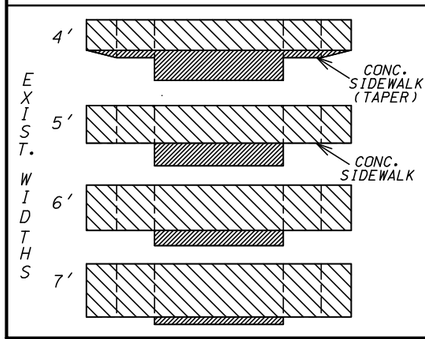
** 2. CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS NEEDED DUE TO CUT, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).

3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.

*** 4. INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. INTEGRAL CURB PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6'SW PAID AS 7') (0.11 SY/LF OF CURB)

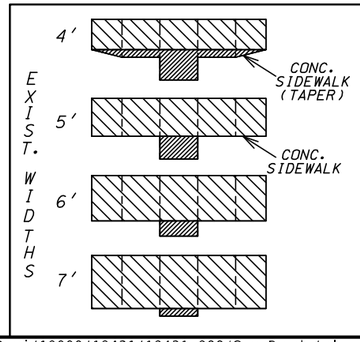
BUS STOP WITHOUT BENCH





QUANTITIES FOR BUS STOPS WITH BENCH					
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	9.3	5.8	3.9	1.9
TYPE 1 AGGREGATE	SY	9.3	5.8	3.9	1.9
4" CONC. SIDEWALK	SY	16.5	20.4	24.3	28.2
TYPE 1 AGGREGATE	SY	16.5	20.4	24.3	28.2
INTEGRAL CURB ***	SY	5.4	3.4	3.2	2.9
TYPE 1 AGGREGATE	SY	2.7	1.7	1.6	1.5
S-CURB	LF	43.5	27.0	25.0	23.0
MODIFIFED S-CURB	LF	43.5	27.0	25.0	23.0
SODDING	SY	10.6	10.4	9.8	9.4
LINEAR GRADING	LF	37.0	37.0	37.0	37.0

NOT TO SCALE



QUANTITIES FOR BUS STOPS - NO BENCH					
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	3.9	1.8	1.3	0.7
TYPE 1 AGGREGATE	SY	3.9	1.8	1.3	0.7
4" CONC. SIDEWALK	SY	10.4	12.9	15.5	18.0
TYPE 1 AGGREGATE	SY	10.4	12.9	15.5	18.0
INTEGRAL CURB ***	SY	3.8	2.0	1.8	1.6
TYPE 1 AGGREGATE	SY	1.9	1.0	0.9	0.8
S-CURB	LF	31.0	15.0	13.0	11.0
MODIFIFED S-CURB	LF	31.0	15.0	13.0	11.0
SODDING	SY	7.6	7.4	6.8	6.4
LINEAR GRADING	LF	25.0	25.0	25.0	25.0

ADA LIBRARY TYPICAL

PASSING AREAS AND BUS STOPS

TYPICAL SHEET 11 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: JASPER

JOB NO.: J7S2185D

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

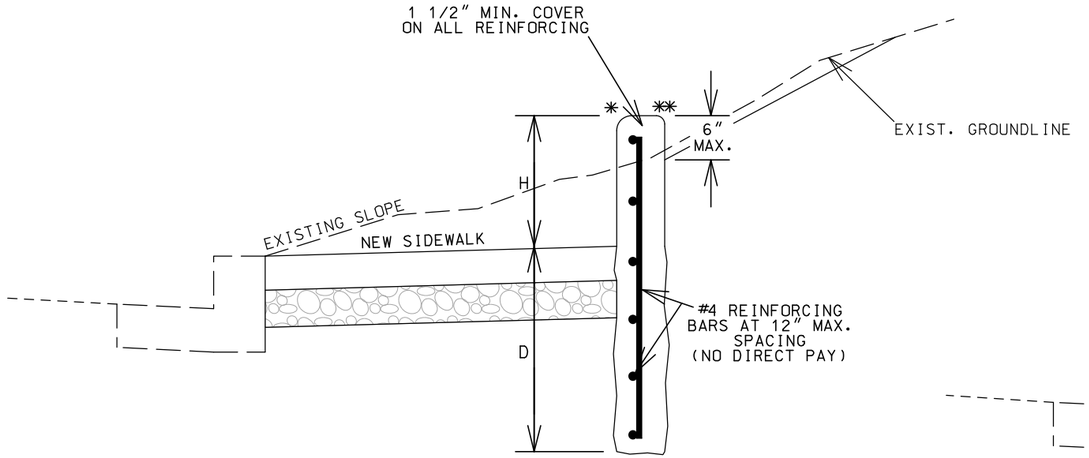
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

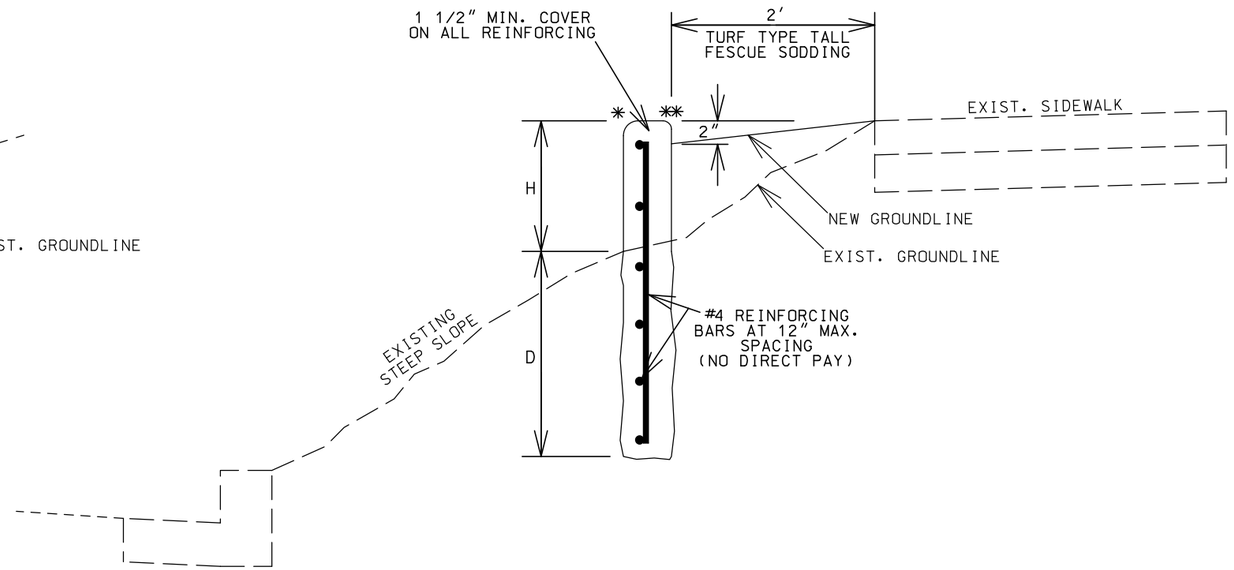
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CREATED: 2023-11-16
REVISED: 2024-02-13

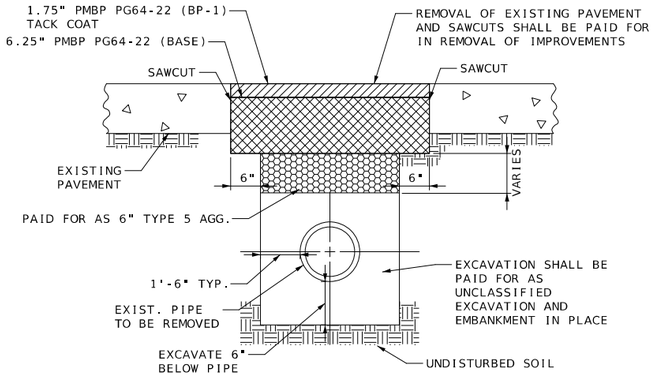
✳ ROUND TO 3/4" RADIUS
✳✳ ROUND TO 1/4" RADIUS
H = 2'-6" MAX. (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER.
VERTICAL REINFORCING LENGTHS VARY AS NEEDED.
DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK

MODIFIED S-CURB
> 12" TALL (2'-6" MAX.)



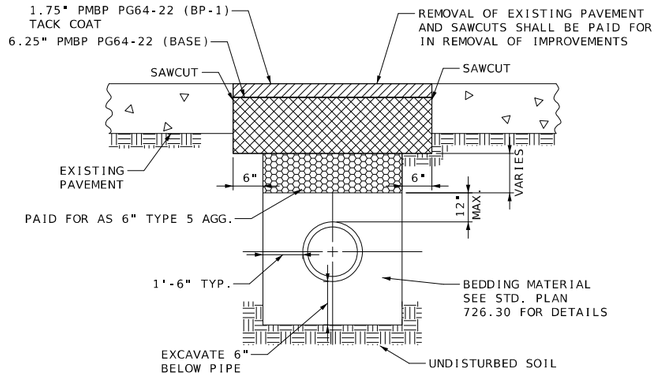


NOT TO SCALE



PAVEMENT REPAIR DETAIL FOR EXISTING PIPE REMOVAL

NOTE:
FOR EXISTING PAVEMENT ONLY. PAVEMENT REPAIR NOT ALLOWED ON NEW PAVEMENT.



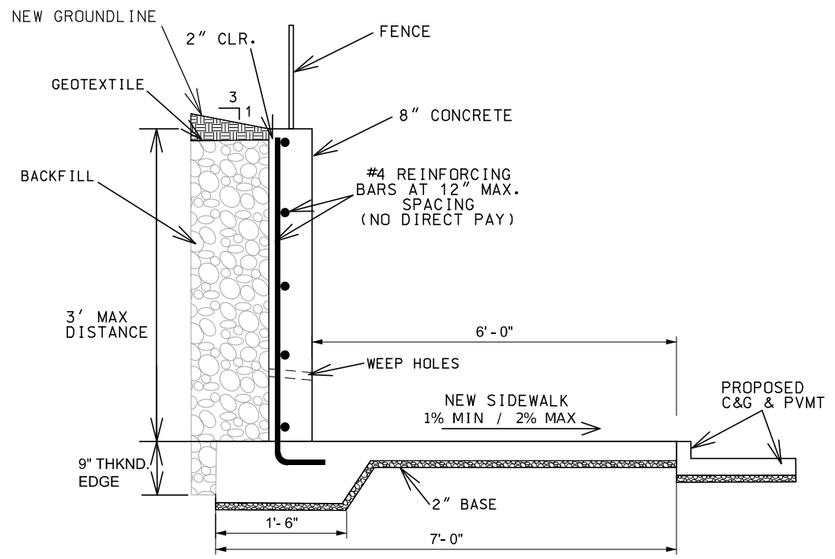
PAVEMENT REPAIR DETAIL FOR CULVERT INSTALLATIONS

NOTE:
FOR EXISTING PAVEMENT ONLY. PAVEMENT REPAIR NOT ALLOWED ON NEW PAVEMENT.

TEMPORARY PAVEMENT REPAIR

NOT TO SCALE

TEMPORARY PAVEMENT



MODIFIED S-CURB
> 12" TALL (3'-0" MAX.)
POURED CONCRETE SIDEWALK WALL

NOT TO SCALE

ADA LIBRARY TYPICAL

MODIFIED S-CURB

TYPICAL SHEET
12 OF 12

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED: 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REMOVAL OF IMPROVEMENTS (TABLE 1 OF 3)

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
RTE 43 TO BRIDGE							
RTE 66	304+20.00	304+60.09	RT	CURB	44.9	LF	MAIN ST
RTE 66	304+20.00	304+60.27	LT	CURB	47.6	LF	MAIN ST
RTE 66	305+19.02	306+39.12	LT	CURB	154.6	LF	MAIN ST - VIRGINIA AVE
RTE 66	305+20.59	307+89.57	RT	CURB	291.9	LF	MAIN ST - VIRGINIA AVE
RTE 66	306+60.62	311+06.38	LT	CURB	302.0	LF	VIRGINIA AVE - PENNSYLVANIA AVE
RTE 66	308+30.87	311+06.11	RT	CURB	297.6	LF	VIRGINIA AVE - PENNSYLVANIA AVE
RTE 66	5+00.10	7+74.13	LT	CURB	225.9	LF	PENNSYLVANIA AVE - KENTUCKY AVE
RTE 66	311+48.76	7+83.64	RT	CURB	236.0	LF	PENNSYLVANIA AVE - KENTUCKY AVE
RTE 66	8+18.87	10+93.85	LT	CURB	287.3	LF	KENTUCKY AVE - BRIDGE
RTE 66	8+14.79	9+84.83	RT	CURB	142.5	LF	KENTUCKY AVE - BRIDGE
RTE 66	304+20.00	304+60.27	LT	SIDEWALK	67.7	SY	12' SAW CUT
RTE 66	304+20.00	304+60.09	RT	SIDEWALK	50.9	SY	10' SAW CUT
RTE 66	305+19.02	307+89.73	LT	SIDEWALK	535.7	SY	17' SAW CUT
RTE 66	305+23.63	307+89.57	RT	SIDEWALK	248.2	SY	9' SAW CUT
RTE 66	308+30.63	311+08.72	LT	SIDEWALK	336.5	SY	6' SAW CUT
RTE 66	308+30.82	311+10.22	RT	SIDEWALK	228.1	SY	14' SAW CUT
RTE 66	5+00.10	7+83.14	LT	SIDEWALK	163.7	SY	
RTE 66	311+48.73	7+83.61	RT	SIDEWALK	202.9	SY	10' SAW CUT
RTE 66	8+19.23	10+93.85	LT	SIDEWALK	155.4	SY	
RTE 66	8+15.03	9+78.08	RT	SIDEWALK	60.4	SY	
RTE 66	304+40.08	305+34.14	LT	PAVED APPROACH	216.7	SY	58' SAW CUT
RTE 66	306+27.40	306+73.28	LT	PAVED APPROACH	62.3	SY	21' SAW CUT
RTE 67	306+85.86	307+16.43	LT	PAVED APPROACH	51.5	SY	30' SAW CUT
RTE 66	307+59.06	308+60.60	LT	PAVED APPROACH	209.0	SY	40' SAW CUT
RTE 66	309+04.38	309+34.31	LT	PAVED APPROACH	11.4	SY	30' SAW CUT
RTE 66	310+30.53	310+65.54	LT	PAVED APPROACH	23.8	SY	35' SAW CUT
RTE 66	310+79.39	5+18.13	LT	PAVED APPROACH	147.9	SY	86' SAW CUT
RTE 66	5+19.60	5+63.51	LT	PAVED APPROACH	16.7	SY	36' SAW CUT
RTE 66	7+74.51	8+35.05	LT	PAVED APPROACH	110.4	SY	34' SAW CUT
RTE 66	304+40.94	305+38.06	RT	PAVED APPROACH	198.4	SY	59' SAW CUT
RTE 66	307+70.54	308+49.02	RT	PAVED APPROACH	155.4	SY	41' SAW CUT
RTE 66	309+53.92	309+85.85	RT	PAVED APPROACH	39.9	SY	20' SAW CUT
RTE 66	310+94.44	5+14.59	RT	PAVED APPROACH	124.8	SY	43' SAW CUT
RTE 66	7+76.25	8+24.97	RT	PAVED APPROACH	55.5	SY	30' SAW CUT
RTE 66	8+86.95	9+40.08	RT	PAVED APPROACH	68.7	SY	40' SAW CUT
RTE 66	9+84.83	10+93.85	RT	MEDIAN	52.1		
RTE 66	304+20.00	10+93.85	LT/RT	PAVEMENT	8614.8	SY	56' SAW CUT
RTE 66	304+28.05	304+32.06	RT	SIGNAL CABINET	1.0	EA	
RTE 66	304+45.26	304+50.85	RT	SIGNAL PULL BOX	2.0	EA	
RTE 66	304+45.59	304+47.67	LT	SIGNAL PULL BOX	1.0	EA	
RTE 66	305+27.89	305+32.31	RT	SIGNAL PULL BOX	1.0	EA	
RTE 66	305+32.53	305+36.87	LT	SIGNAL PULL BOX	1.0	EA	
RTE 66	307+78.28	307+79.88	RT	LIGHTPOLE	1.0	EA	
RTE 67	304+41.79	304+46.99	RT	MANHOLE	1.0	EA	
RTE 66	304+44.47	304+61.35	RT	PIPE	40.3	LF	15" RCP
RTE 66	307+73.93	307+89.71	RT	PIPE	23.3	LF	15" RCP
RTE 66	307+73.25	307+75.85	RT	INLET	1.0	EA	3' X 2.5' GRATE INLET
RTE 66	307+89.49	307+92.85	RT	MANHOLE	1.0	EA	
RTE 66	307+89.97	307+91.22	RT	PIPE	30.0	LF	15" RCP
RTE 66	307+88.00	307+92.39	RT	INLET	1.0	EA	4' X 2' GRATE INLET
RTE 66	308+28.03	308+33.17	RT	PIPE & INLET	45.0	LF	POSSIBLE CAPPED INLET
RTE 66	307+90.44	307+92.43	LT	PIPE	68.0	LF	18" VCP
RTE 66	307+61.33	307+90.71	LT	PIPE	29.0	LF	15" RCP
RTE 66	307+58.77	307+61.34	LT	INLET	1.0	EA	3' X 2' GRATE INLET
RTE 66	307+82.08	307+84.10	RT	PULL BOX	1.0	EA	FIBER OPTIC VAULT
RTE 66	307+71.44	307+73.91	RT	SIGNAL PULL BOX	1.0	EA	
RTE 66	308+33.48	308+35.60	LT	SIGNAL PULL BOX	1.0	EA	
RTE 66	308+43.38	308+46.00	RT	SIGNAL PULL BOX	1.0	EA	
RTE 66	308+37.84	308+40.51	RT	SIGNAL CABINET	1.0	EA	
RTE 66	310+78.71	310+82.67	LT	PULL BOX	1.0	EA	FIBER OPTIC VAULT
RTE 66	310+92.16	310+94.56	RT	SIGNAL PULL BOX	1.0	EA	
RTE 66	310+86.43	310+90.07	RT	SIGNAL CABINET	1.0	EA	
RTE 66	05+02.53	05+05.32	LT	SIGNAL POLE	1.0	EA	
RTE 66	5+14.50	5+17.13	RT	SIGNAL PULL BOX	1.0	EA	
RTE 66	311+01.81	311+03.73	RT	PULL BOX	1.0	EA	FIBER OPTIC VAULT
RTE 66	310+76.83	310+79.45	LT	INLET	1.0	EA	3' X 2.5' GRATE INLET
RTE 66	310+90.52	310+92.94	RT	INLET	1.0	EA	5.5' X 2' GRATE INLET
RTE 66	310+79.42	311+15.18	LT	PIPE	45.0	LF	12" VCP
RTE 66	310+92.97	311+15.58	RT	PIPE	33.0	LF	15" RCP
RTE 66	311+09.90	311+17.34	RT	PIPE	35.0	LF	15" RCP
RTE 66	311+15.20	311+20.20	LT	MANHOLE	1.0	EA	
RTE 66	5+62.64	5+66.84	LT	SIGNAL CABINET	1.0	EA	

REMOVAL OF IMPROVEMENTS (TABLE 2 OF 3)

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
RTE 43 TO BRIDGE (CONT)							
RTE 66	7+79.39	7+83.57	LT	SIGN	1.0	EA	STOP SIGN
RTE 66	7+68.08	7+71.10	RT	HYDRANT	1.0	EA	
RTE 66	7+63.81	7+67.21	LT	INLET	1.0	EA	2' X 2' CURB INLET
RTE 66	7+61.84	7+67.20	RT	INLET	1.0	EA	4' X 2' GRATE INLET
RTE 66	7+64.50	7+73.11	RT	PIPE	28.0	LF	15" VCP
RTE 66	7+65.51	7+73.11	LT	PIPE	34.0	LF	15" RCP
BRIDGE TO STL							
RTE 66	20+60.88	20+65.69	LT	CURB	14.8	LF	MINNESOTA AVE
RTE 66	20+58.81	20+63.33	RT	CURB	16.1	LF	MINNESOTA AVE
RTE 66	20+94.61	23+83.11	RT	CURB	241.3	LF	MINNESOTA AVE - OHIO AVE
RTE 66	21+02.99	29+79.43	LT	CURB	987.5	LF	MINNESOTA AVE - MURPHY BLVD
RTE 66	24+15.88	27+01.73	RT	CURB	230.6	LF	OHIO AVE - INDIANA AVE
RTE 66	27+36.89	30+15.05	RT	CURB	322.4	LF	INDIANA AVE - ILLINOIS AVE
RTE 66	30+15.22	32+94.32	LT	CURB	350.2	LF	MURPHY BLVD - SCHOOL AVE
RTE 66	30+60.18	38+90.91	RT	CURB	804.7	LF	ILLINOIS AVE - HIGH AVE
RTE 66	33+25.15	36+44.50	LT	CURB	273.0	LF	SCHOOL AVE - MICHIGAN AVE
RTE 66	36+78.67	38+94.53	LT	CURB	126.6	LF	MICHIGAN AVE - HIGH AVE
RTE 66	39+40.85	43+01.64	LT	CURB	286.9	LF	HIGH AVE - CLUB ST
RTE 66	39+27.23	42+16.07	RT	CURB	202.6	LF	HIGH AVE - NEW HAMPSHIRE AVE
RTE 66	42+49.46	45+45.96	RT	CURB	291.7	LF	NEW HAMPSHIRE AVE - VERMONT AVE
RTE 66	43+43.60	44+85.70	LT	CURB	156.1	LF	CLUB ST - COMMERICAL AVE
RTE 66	45+25.06	48+69.29	LT	CURB	209.4	LF	COMMERCIAL AVE - TERRACE AVE
RTE 66	45+92.47	51+10.00	RT	CURB	432.3	LF	VERMONT AVE - ST. LOUIS AVE
RTE 66	49+12.86	51+10.00	LT	CURB	209.1	LF	TERRAVE AVE - ST. LOUIS AVE
RTE 66	20+48.75	20+65.96	LT	SIDEWALK	16.7	SY	4.5' SAW CUT
RTE 66	20+55.25	20+63.36	RT	SIDEWALK	12.9	SY	4' SAW CUT
RTE 66	20+64.53	23+82.57	RT	SIDEWALK	470.4	SY	5' SAW CUT
RTE 66	20+97.01	30+13.05	LT	SIDEWALK	510.3	SY	5' SAW CUT
RTE 66	24+15.89	27+04.25	RT	SIDEWALK	111.1	SY	
RTE 66	27+35.49	30+14.91	RT	SIDEWALK	132.7	SY	
RTE 66	30+45.26	32+94.32	LT	SIDEWALK	194.5	SY	15' SAW CUT
RTE 66	30+61.24	35+95.51	RT	SIDEWALK	410.2	SY	8' SAW CUT
RTE 66	33+24.82	36+44.38	LT	SIDEWALK	137.7	SY	9' SAW CUT
RTE 66	36+75.55	38+94.53	LT	SIDEWALK	58.1	SY	10' SAW CUT
RTE 66	39+36.79	43+01.28	LT	SIDEWALK	127.7	SY	
RTE 66	39+26.55	42+17.26	RT	SIDEWALK	125.9	SY	4' SAW CUT
RTE 66	42+49.32	45+46.04	RT	SIDEWALK	135.9	SY	
RTE 66	43+39.15	44+77.46	LT	SIDEWALK	63.0	SY	
RTE 66	45+18.61	48+57.01	LT	SIDEWALK	152.3	SY	
RTE 66	45+83.58	51+10.00	RT	SIDEWALK	241.5	SY	
RTE 66	49+02.51	51+10.00	LT	SIDEWALK	97.8	SY	
RTE 66	20+60.88	21+11.00	LT	PAVED APPROACH	56.0	SY	30' SAW CUT
RTE 66	23+24.32	23+68.24	LT	PAVED APPROACH	56.6	SY	29' SAW CUT
RTE 66	29+96.56	30+72.42	LT	PAVED APPROACH	546.6	SY	41' SAW CUT
RTE 66	32+83.04	33+38.03	LT	PAVED APPROACH	57.7	SY	30' SAW CUT
RTE 66	34+16.66	34+71.92	LT	PAVED APPROACH	67.7	SY	35' SAW CUT
RTE 66	35+42.21	35+94.13	LT	PAVED APPROACH	63.6	SY	35' SAW CUT
RTE 66	36+32.24	36+89.05	LT	PAVED APPROACH	60.6	SY	30' SAW CUT
RTE 66	37+00.14	37+75.61	LT	PAVED APPROACH	114.5	SY	59' SAW CUT
RTE 66	37+99.25	38+67.75	LT	PAVED APPROACH	104.4	SY	55' SAWCUT
RTE 66	38+72.85	39+55.04	LT	PAVED APPROACH	86.8	SY	40' SAW CUT
RTE 66	39+86.94	40+31.35	LT	PAVED APPROACH	30.7	SY	29' SAW CUT
RTE 66	40+43.29	41+04.69	LT	PAVED APPROACH	69.0	SY	47' SAW CUT
RTE 66	41+89.14	42+44.77	LT	PAVED APPROACH	83.6	SY	38' SAW CUT
RTE 66	42+91.64	43+56.22	LT	PAVED APPROACH	71.8	SY	36' SAW CUT
RTE 66	44+61.38	45+30.21	LT	PAVED APPROACH	114.3	SY	38' SAW CUT
RTE 66	45+34.81	45+86.41	LT	PAVED APPROACH	43.5	SY	49' SAW CUT
RTE 66	46+23.82	46+78.97	LT	PAVED APPROACH	44.0	SY	49' SAW CUT
RTE 66	46+78.97	47+17.56	LT	PAVED APPROACH	26.1	SY	25' SAW CUT
RTE 66	47+25.43	47+72.69	LT	PAVED APPROACH	94.9	SY	42' SAW CUT
RTE 66	47+93.61	48+43.05	LT	PAVED APPROACH	40.7	SY	42' SAW CUT
RTE 66	48+45.57	49+12.09	LT	PAVED APPROACH	126.6	SY	42' SAW CUT
RTE 66	49+64.14	49+96.04	LT	PAVED APPROACH	20.5	SY	18' SAW CUT
RTE 66	50+51.93	50+84.45	LT	PAVED APPROACH	45.5	SY	19' SAW CUT

SUMMARY OF QUANTITIES
SHEET 1 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/1/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

NO.	DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REMOVAL OF IMPROVEMENTS (TABLE 3 OF 3)

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
BRIDGE TO STL							
RTE 66	20+58.81	21+07.97	RT	PAVED APPROACH	57.9	SY	30' SAW CUT
RTE 66	21+18.16	21+60.66	RT	PAVED APPROACH	61.6	SY	29' SAW CUT
RTE 66	22+18.62	22+58.87	RT	PAVED APPROACH	35.8	SY	21' SAW CUT
RTE 66	23+70.52	24+27.03	RT	PAVED APPROACH	60.7	SY	31' SAW CUT
RTE 66	24+33.32	24+77.99	RT	PAVED APPROACH	34.1	SY	36' SAW CUT
RTE 66	24+93.71	25+39.91	RT	PAVED APPROACH	58.6	SY	39' SAW CUT
RTE 66	25+43.82	25+80.67	RT	PAVED APPROACH	41.1	SY	20' SAW CUT
RTE 66	26+46.52	26+78.32	RT	PAVED APPROACH	42.3	SY	20' SAW CUT
RTE 66	26+88.84	27+47.66	RT	PAVED APPROACH	60.9	SY	30' SAW CUT
RTE 66	28+49.34	29+12.16	RT	PAVED APPROACH	68.6	SY	40' SAW CUT
RTE 66	29+14.25	29+43.39	RT	PAVED APPROACH	20.9	SY	18' SAW CUT
RTE 66	29+99.89	30+96.62	RT	PAVED APPROACH	553.3	SY	44' SAW CUT
RTE 66	31+12.62	31+67.25	RT	PAVED APPROACH	41.8	SY	39' SAW CUT
RTE 66	32+15.02	32+82.15	RT	PAVED APPROACH	111.2	SY	37' SAW CUT
RTE 66	33+64.54	34+29.50	RT	PAVED APPROACH	96.2	SY	48' SAW CUT
RTE 66	35+65.82	36+30.77	RT	PAVED APPROACH	102.7	SY	49' SAW CUT
RTE 66	38+83.21	39+40.53	RT	PAVED APPROACH	62.2	SY	31' SAW CUT
RTE 66	39+55.23	40+03.62	RT	PAVED APPROACH	77.1	SY	36' SAW CUT
RTE 66	40+55.92	40+99.22	RT	PAVED APPROACH	40.0	SY	19' SAW CUT
RTE 66	40+96.13	41+41.88	RT	PAVED APPROACH	35.6	SY	38' SAW CUT
RTE 66	41+50.32	42+00.20	RT	PAVED APPROACH	41.7	SY	41' SAW CUT
RTE 66	42+05.39	42+63.82	RT	PAVED APPROACH	77.7	SY	30' SAW CUT
RTE 66	43+66.51	44+11.94	RT	PAVED APPROACH	75.5	SY	35' SAW CUT
RTE 66	45+31.72	46+16.07	RT	PAVED APPROACH	87.8	SY	39' SAW CUT
RTE 66	47+73.48	48+68.24	RT	PAVED APPROACH	111.9	SY	47' SAWCUT
RTE 66	50+31.40	51+03.35	RT	PAVED APPROACH	83.6	SY	50' SAW CUT
RTE 66	20+48.75	51+10.00	LT/RT	PAVEMENT	20753.5	SY	59' SAW CUT
RTE 66	25+32.39	29+90.63	CENTER	MEDIAN	347.9	SY	
RTE 66	30+85.79	35+42.28	CENTER	MEDIAN	341.5	SY	
RTE 66	20+62.57	20+66.75	LT	SIGN	1.0	EA	STOP SIGN
RTE 66	21+06.86	21+11.04	LT	SIGN	1.0	EA	STREET SIGN
RTE 66	22+39.69	22+49.34	LT	CONCRETE	9.0	SY	CONCRETE PAD
RTE 66	24+18.58	24+22.76	RT	SIGN	1.0	EA	STREET/STOP SIGN
RTE 66	25+46.91	25+46.96	CENTER	SIGN	1.0	EA	MEDIAN BEGINS SIGN
RTE 66	29+73.45	29+76.45	LT	SIGNAL PULL BOX	1.0	EA	
RTE 66	29+95.59	29+97.96	LT	SIGNAL PULL BOX	1.0	EA	
RTE 66	30+08.31	30+10.30	LT	SIGNAL PULL BOX	1.0	EA	
RTE 66	30+75.16	30+77.49	LT	PULL BOX	1.0	EA	
RTE 66	31+21.66	31+23.78	LT	PULL BOX	1.0	EA	
RTE 66	29+48.42	29+51.44	RT	WATER METER	1.0	EA	
RTE 66	29+98.40	30+00.83	RT	PULL BOX	1.0	EA	
RTE 66	30+76.48	30+78.51	RT	SIGNAL PULL BOX	1.0	EA	
RTE 66	31+22.40	31+24.50	RT	SIGNAL PULL BOX	1.0	EA	
RTE 66	29+83.15	29+85.95	LT	SIGNAL POLE	1.0	EA	
RTE 66	29+96.82	29+99.59	RT	SIGNAL POLE	1.0	EA	
RTE 66	30+70.39	30+73.18	LT	SIGNAL POLE	1.0	EA	
RTE 66	30+91.14	30+92.94	RT	SIGNAL POLE	1.0	EA	
RTE 66	29+42.71	29+46.91	RT	POWER POLE	1.0	EA	
RTE 66	30+03.70	30+06.59	RT	SIGN	1.0	EA	
RTE 66	29+74.12	29+77.72	LT	POST BASE	1.0	EA	
RTE 66	29+89.18	29+90.44	LT	RISER	1.0	EA	
RTE 66	29+86.83	29+90.94	LT	PULL BOX	1.0	EA	FIBER OPTIC VAULT
RTE 66	29+90.95	29+93.20	LT	LIGHTPOLE	1.0	EA	
RTE 66	30+69.08	30+73.49	LT	SIGNAL CABINET	1.0	EA	
RTE 66	30+83.74	30+87.51	LT	PULL BOX	1.0	EA	BLUE BIRD VAULT
RTE 66	30+92.53	30+96.36	LT	PULL BOX	1.0	EA	CENTURY LINK VAULT
RTE 66	29+90.72	29+92.99	LT	INLET	1.0	EA	4' X 2.25' GRATE INLET
RTE 66	29+91.20	29+97.03	LT/RT	PIPE	53.0	LF	15" RCP
RTE 66	30+60.73	30+97.98	RT	LANDSCAPING	656.0	SF	4 SMALL BUSHES
RTE 66	40+34.15	40+34.57	LT	SIGN	1.0	EA	CENTER TURN LANE SIGN
RTE 66	48+40.90	49+00.41	LT	PIPE	63.0	LF	15" RCP
				TOTALS	1 LUMP SUM		

TREE REMOVAL

ROUTE	STA.	LOCATION	EA	REMARKS
RTE 66	30+90.57	LT	1	NE QUADRANT OF MURPHY/ILLINOIS
		TOTALS	1	

EARTHWORK

ROUTE	STA.	STA.	LOCATION	UNCLASSIFIED EXCAVATION CY	COMPACTING EMBANKMENT CY	COMPACTING IN CUT STA	REMARKS
RTE 66	304+20.00	51+10.00	LT-RT	17912.5	78.0		
RTE 66	304+20.01	5+18.10	LT & RT			7.6	RT 43 TO BRIDGE
RTE 66	7+73.74	10+93.85	LT & RT			3.2	RT 43 TO BRIDGE
RTE 66	29+31.22	31+70.61	LT	567.8	166.9		MURPHY BLVD.
RTE 66	20+48.75	55+10.00	LT & RT			34.7	BRIDGE TO STL
			TOTAL	18480.3	244.9	45.5	
			USE	18480.0	245.0	46.0	

ADJUSTING MANHOLE

ROUTE	STA.	LOCATION	EA	REMARKS
RTE 43 TO BRIDGE				
RTE 66	306+49.44	RT/LT	1	MANHOLE LID (SAN)
RTE 66	6+11.65	RT	1	MANHOLE LID (SAN)
RTE 66	6+38.51	RT	1	MANHOLE LID (SAN)
RTE 66	8+09.84	RT	1	MANHOLE LID (SAN)
RTE 66	309+71.13	RT/LT	1	MANHOLE LID (SAN)
RTE 66	311+57.93	RT/LT	1	MANHOLE LID (STORM)
BRIDGE TO STL				
RTE 66	21+16.52	RT	1	MANHOLE LID (FO)
RTE 66	23+68.25	RT	1	MANHOLE LID (FO)
RTE 66	30+13.74	RT	1	MANHOLE LID (FO)
RTE 66	30+35.48	RT	1	MANHOLE (SAN)
RTE 66	36+49.65	RT	1	MANHOLE LID (FO)
RTE 66	40+77.57	LT	1	MANHOLE LID (SAN)
RTE 66	40+77.87	LT	1	MANHOLE LID (SAN)
RTE 66	43+01.09	RT	1	MANHOLE LID (FO)
RTE 66	49+34.20	RT	1	MANHOLE LID (FO)
RTE 66	50+53.19	LT	1	MANHOLE LID (SAN)
		TOTALS	16	

ADJUST METER OR VALVE

ROUTE	STA.	LOCATION	EA	REMARKS
RTE 43 TO BRIDGE				
RTE 66	304+45.61	RT	1	WATER VALVE
RTE 66	304+88.59	RT	1	WATER VALVE
RTE 66	304+89.40	RT	1	WATER VALVE
RTE 66	308+12.85	RT	1	WATER VALVE
RTE 66	308+22.15	RT	1	WATER VALVE
RTE 66	308+26.56	LT	1	WATER VALVE
RTE 66	308+89.56	RT	1	WATER VALVE
RTE 66	310+57.96	RT	1	WATER VALVE
RTE 66	311+24.75	LT	1	WATER VALVE
RTE 66	311+25.49	RT	1	WATER VALVE
RTE 66	7+32.63	RT	1	WATER METER
RTE 66	7+69.61	RT	1	WATER VALVE
RTE 66	8+10.04	RT	1	WATER VALVE
RTE 66	8+13.23	RT	1	WATER VALVE
BRIDGE TO STL				
RTE 66	20+85.27	RT	1	WATER VALVE
RTE 66	20+88.49	LT	1	WATER VALVE
RTE 66	21+01.16	LT	1	WATER VALVE
RTE 66	24+07.27	RT	1	WATER VALVE
RTE 66	24+17.09	LT	1	WATER VALVE
RTE 66	27+03.67	RT	1	GAS VALVE
RTE 66	27+25.05	RT	1	WATER VALVE
RTE 66	28+62.70	RT	1	WATER METER
RTE 66	31+76.62	LT	1	WATER VALVE
RTE 66	33+79.13	LT	1	WATER VALVE
RTE 66	33+81.48	LT	1	WATER VALVE
RTE 66	36+62.77	LT	1	WATER VALVE
RTE 66	37+34.48	LT	1	WATER METER
RTE 66	39+18.51	LT	1	WATER VALVE
RTE 66	39+19.35	LT	1	WATER VALVE
RTE 66	39+22.10	LT	1	WATER VALVE
RTE 66	43+28.67	LT	1	WATER VALVE
RTE 66	44+84.04	LT	1	WATER VALVE
RTE 66	45+64.06	LT	1	WATER VALVE
RTE 66	45+82.09	LT	1	WATER VALVE
		TOTAL	34	
		PAY TOTAL	34	NO DIRECT PAY

SUMMARY OF QUANTITIES
SHEET 2 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/30/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

CURB RAMP

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB RAMP	TRUNCATED DOMES	TYPE 1 AGG FOR BASE (4 IN. THICK)	REMARKS
				SY	SF	SY	
RTE 43 TO BRIDGE							
RTE 66	311+48.73	5+47.88	RT	43.1	19.2	43.1	PENNSYLVANIA AVE
RTE 66	5+00.00	5+41.09	LT	35.8	22.8	35.8	PENNSYLVANIA AVE
RTE 67	5+71.69	5+82.25	LT	5.8		5.8	
RTE 68	6+12.23	6+22.72	LT	5.8		5.8	
RTE 69	7+63.04	7+83.42	RT	18.8	9.6	18.8	KENTUCKY AVE
RTE 66	7+66.86	7+84.01	LT	15.7	9.6	15.7	KENTUCKY AVE
RTE 66	8+15.11	8+36.39	RT	19.4	9.6	19.4	KENTUCKY AVE
RTE 66	8+23.95	8+48.30	LT	14.5	25.7	14.5	KENTUCKY AVE
BRIDGE TO STL							
RTE 66	20+54.84	20+63.43	RT	11.6	9.6	11.6	MINNESOTA AVE
RTE 66	20+57.18	20+65.69	LT	12.2	9.6	12.2	MINNESOTA AVE
RTE 66	20+94.43	21+08.49	RT	19.2	19.2	19.2	MINNESOTA AVE
RTE 66	20+96.89	21+18.49	LT	22.8	19.2	22.8	MINNESOTA AVE
RTE 66	23+59.46	23+82.38	RT	13.8	9.6	13.8	OHIO AVE
RTE 66	24+15.75	24+38.48	RT	13.8	9.6	13.8	OHIO AVE
RTE 66	25+36.54	25+47.78	RT	7.2	9.6	7.2	ALLEY
RTE 66	25+67.99	25+89.59	RT	14.4	9.6	14.4	ALLEY
RTE 66	26+82.73	27+05.05	RT	13.7	9.6	13.7	INDIANA AVE
RTE 66	27+33.07	27+55.39	RT	13.7	9.6	13.7	INDIANA AVE
RTE 66	28+48.64	28+59.65	RT	6.2		6.2	
RTE 66	29+00.82	29+11.82	RT	6.2		6.2	
RTE 66	29+15.72	29+42.22	RT	20.9	26.3	20.9	ILLINOIS AVE
RTE 66	29+15.72	29+77.09	LT	45.6	27.6	45.6	MURPHY BLVD
RTE 66	29+59.16	29+86.40	RT	19.4		19.4	
RTE 66	30+69.35	31+27.75	RT	64.1	26.0	64.1	ILLINOIS AVE
RTE 66	30+70.32	31+22.51	LT	35.5	30.8	35.5	MURPHY BLVD
RTE 66	32+72.91	32+93.92	LT	16.2	9.6	16.2	SCHOOL AVE
RTE 66	33+25.32	33+46.32	LT	16.2	9.2	16.2	SCHOOL AVE
RTE 66	33+50.57	33+71.62	RT	13.2	19.2	13.2	
RTE 66	34+21.69	34+41.81	RT	12.9	9.6	12.9	
RTE 66	36+22.80	36+44.40	LT	19.0	9.6	19.0	MICHIGAN AVE
RTE 66	36+76.08	36+97.68	LT	15.8	9.6	15.8	MICHIGAN AVE
RTE 66	38+70.48	38+94.53	LT	16.8	9.6	16.8	HIGH AVE
RTE 66	38+73.92	38+95.52	RT	13.4	9.6	13.4	HIGH AVE
RTE 66	39+26.56	39+46.43	RT	18.8	9.6	18.8	HIGH AVE
RTE 66	39+35.43	39+59.04	LT	14.1	9.6	14.1	HIGH AVE
RTE 66	40+46.52	40+67.69	RT	13.5	9.6	13.5	ALLEY
RTE 66	40+87.09	41+08.28	RT	13.1	9.6	13.1	ALLEY
RTE 66	41+96.68	42+18.27	RT	13.4	9.6	13.4	NEW HAMPSHIRE AVE
RTE 66	42+49.56	42+71.16	RT	13.4	9.6	13.4	NEW HAMPSHIRE AVE
RTE 66	42+80.64	43+01.28	LT	13.1	9.6	13.1	CLUB ST
RTE 66	43+38.71	43+63.50	LT	14.3	9.6	14.3	CLUB ST
RTE 67	44+53.66	44+78.62	LT	14.6	9.6	14.6	COMMERCIAL AVE
RTE 68	45+19.06	45+40.21	LT	13.1	9.6	13.1	COMMERCIAL AVE
RTE 69	45+24.11	45+45.77	RT	13.4	9.6	13.4	VERMONT AVE
RTE 70	45+87.32	46+13.34	RT	14.9	14.8	14.9	VERMONT AVE
RTE 71	47+67.95	47+95.84	RT	15.4	16.9	15.4	
RTE 66	48+35.52	48+60.46	LT	14.2	9.6	14.2	TERRACE AVE
RTE 66	48+44.22	48+61.03	RT	10.7	9.6	10.7	
RTE 66	48+83.26	48+88.33	RT	2.8		2.8	
RTE 66	49+03.65	49+23.91	LT	13.0	9.6	13.0	TERRACE AVE
RTE 66	50+49.53	50+60.53	LT	6.2		6.2	
RTE 66	50+79.64	50+90.64	LT	6.2		6.2	
			TOTALS	860.9	574.5	860.9	

CONCRETE MEDIAN

ROUTE	STA.	STA.	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	6 IN. CONCRETE MEDIAN	REMARKS
				SY	SY	
RTE 43 TO BRIDGE						
RTE 66	305+21.26	305+38.14	LT	4.9	4.9	MAIN ST
RTE 66	305+25.40	305+62.69	RT	15.4	15.4	MAIN ST
RTE 66	307+38.20	307+89.46	LT	19.5	19.5	S VIRGINIA AVE
RTE 66	308+37.23	308+51.12	LT	3.6	3.6	S VIRGINIA AVE
RTE 66	307+89.56	307+89.57	RT	4.8	4.8	S VIRGINIA AVE
RTE 66	308+30.57	308+71.13	RT	15.4	15.4	S VIRGINIA AVE
RTE 67	310+09.31	310+29.44	LT	4.9	4.9	S PENNSYLVANIA AVE
RTE 66	310+66.61	311+08.37	LT	20.3	20.3	S PENNSYLVANIA AVE
RTE 66	310+87.46	311+09.64	RT	9.5	9.5	S PENNSYLVANIA AVE
RTE 66	311+49.75	5+24.45	RT	15.3	15.3	S PENNSYLVANIA AVE
RTE 67	7+69.65	7+73.53	RT	0.9	0.9	
RTE 66	10+32.85	10+73.85	RT	9.0	9.0	GRAND AVE ROADWAY MEDIAN
BRIDGE TO STL						
RTE 66	20+65.57	20+62.56	LT	1.3	1.3	MINNESOTA AVE
RTE 66	20+98.77	21+02.99	LT	1.3	1.3	MINNESOTA AVE
RTE 66	20+96.30	21+02.99	RT	2.7	2.7	MINNESOTA AVE
RTE 66	25+37.04	25+47.78	RT	7.8	7.8	DRIVEWAY
RTE 66	25+30.04	29+24.72		102.0	102.0	ROADWAY CENTER MEDIAN
RTE 66	30+88.67	31+02.13	LT	3.4	3.4	MURPHY BLVD
RTE 66	30+92.38	31+00.28	RT	2.4	2.4	ILLINOIS AVE
RTE 66	33+93.53	34+00.63	RT	1.9	1.9	DRIVEWAY
RTE 66	35+97.29	35+99.29	RT	0.8	0.8	DRIVEWAY
RTE 66	31+20.66	35+42.99		138.3	138.3	ROADWAY CENTER MEDIAN
RTE 66	40+64.89	40+74.92	LT	7.7	7.7	DRIVEWAY
			TOTAL	393.1	393.1	

* CURB SURROUNDING CONCRETE MEDIAN SHALL BE PAINTED YELLOW AT ALL "BUMP OUT" LOCATIONS. PAINTING OF THE CURB SHALL BE INCIDENTAL TO THE CONCRETE MEDIAN.

PLANT MIX BITUMINOUS PAVEMENT PG64-22 (BP-1)

453 TON

NOTE: ASPHALT WEDGING FOR PAVEMENT ELEVATION DIFFERENCES BETWEEN CONSTRUCTION PHASES

MISC. TEMPRARY SURFACING

PLANT MIX BITUMINOUS PAVEMENT PG64-22 (BP-1)

2719 TON

NOTE: LOCATIONS OF TEMPORARY SURFACING TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION

PAVEMENT

ROUTE	STA.	STA.	LOCATION	PCCP (9.5 IN. THICK)	PLANT MIX BITUMINOUS PAVEMENT (BP-1) (1.75")	PLANT MIX BITUMINOUS PAVEMENT (BASE) (6.25")	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	TACK COAT	COMPACTING IN CUT	REMARKS
				SY	TON	TON	SY	GAL	STA	
RTE 43 TO BRIDGE										
RTE 66	5+18.10	7+73.74	LT & RT	1622.2			1622.2		2.6	
RTE 66	304+20.01	05+18.10	LT & RT				4652.2			
RTE 66	07+73.74	10+93.85	LT & RT				2310.9			
BRIDGE TO STL										
RTE 66	20+48.75	55+10.00	LT & RT				19158.3			
RTE 66	30+69.80	31+61.57	RT		2.4	8.4	24.4	3		PARKING LOT PAVEMENT
RTE 66	308+61.65	309+59.99	RT		2.3	8.4	24.3	3		PARKING LOT PAVEMENT
RTE 66	309+79.99	310+75.96	RT		2.4	8.5	24.6	3		PARKING LOT PAVEMENT
			TOTAL	1622.2	7.1	25.3	27816.9	9	2.6	
			USE	1622.0	8.0	26.0	27817.0	9	3.0	

CONCRETE PAVEMENT IN THIS SECTION IS DUE TO THE USE OF INTEGRAL CURB.

SUMMARY OF QUANTITIES
SHEET 3 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/1/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PCC PAVED APPROACH

ROUTE	STA.	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) SY	PAVED APPROACH (8 IN. THICK) SY	LINEAR GRADING CLASS 1 STA	REMARKS
RTE 43 TO BRIDGE						
RTE 66	304+90.84	RT	204.7	204.7	0.2	S MAIN ST.
RTE 66	304+91.02	LT	229.3	229.3	0.3	S MAIN ST.
RTE 66	306+49.62	LT	64.5	64.5	0.2	
RTE 66	307+01.15	LT	62.4	62.4	0.3	
RTE 66	308+10.07	RT	174.5	174.5	0.3	VIRGINA AVE.
RTE 66	308+10.12	LT	229.1	229.1	0.3	VIRGINIA AVE.
RTE 66	309+19.19	LT	64.5	64.5	0.2	
RTE 66	309+25.99	RT	64.3	64.3	0.2	
RTE 66	309+69.99	RT	47.9	47.9	0.2	ALLEY
RTE 66	310+13.99	RT	62.6	62.6	0.2	
RTE 66	310+48.02	LT	83.8	83.8	0.2	
RTE 66	311+30.03	RT	130.8	130.8	0.3	S PENNSYLVANIA AVE.
RTE 66	5+00.00	LT	154.0	154.0	0.3	S PENNSYLVANIA AVE.
RTE 66	5+97.24	LT	44.8	44.8	0.2	
RTE 66	7+99.90	RT	56.2	56.2	0.2	KENTUCKY AVE,
RTE 66	8+01.76	LT	110.4	110.4	0.3	KENTUCKY AVE.
RTE 66	09+12.90	LT	79.8	79.8	0.2	
BRIDGE TO STL						
RTE 66	20+79.11	RT	61.8	61.8	0.2	MINNESOTA AVE.
RTE 66	20+80.72	LT	70.4	70.4	0.2	MINNESOTA AVE.
RTE 66	21+38.18	RT	64.2	64.2	0.2	
RTE 66	22+33.99	RT	62.7	62.7	0.2	
RTE 66	23+46.68	LT	70.6	70.6	0.2	
RTE 66	23+99.11	RT	87.8	87.8	0.3	OHIO AVE.
RTE 66	24+57.48	RT	78.4	78.4	0.4	
RTE 66	25+17.07	RT	75.4	75.4	0.2	
RTE 66	25+57.84	RT	48.5	48.5	0.2	
RTE 66	26+61.94	RT	52.5	52.5	0.2	
RTE 66	27+18.94	RT	73.9	73.9	0.3	INDIANA AVE.
RTE 66	28+80.23	RT	83.8	83.8	0.3	
RTE 66	29+96.39	LT	964.4	964.4	0.0	MURPHY BLVD.
RTE 66	30+37.02	RT	858.5	858.5	1.3	ILLINOIS AVE.
RTE 66	32+51.75	RT	131.6	131.6	0.3	
RTE 66	33+09.36	LT	73.7	73.7	0.2	SCHOOL AVE.
RTE 66	33+96.93	RT	111.1	111.1	0.3	
RTE 66	34+45.51	LT	84.3	84.3	0.2	
RTE 66	35+69.39	LT	82.8	82.8	0.2	
RTE 66	35+99.07	RT	117.8	117.8	0.3	
RTE 66	36+60.24	LT	77.6	77.6	0.3	
RTE 66	37+37.44	LT	135.5	135.5	0.3	
RTE 66	38+33.25	LT	125.5	125.5	0.3	
RTE 66	39+11.42	RT	77.8	77.8	0.3	HIGH AVE.
RTE 66	39+13.31	LT	108.4	108.4	0.3	HIGH AVE.
RTE 66	39+78.02	RT	90.9	90.9	0.2	
RTE 66	40+49.88	LT	57.6	57.6	0.2	
RTE 66	40+77.39	RT	50.0	50.0	0.2	
RTE 66	40+80.91	LT	25.6	25.6	0.2	
RTE 66	42+18.45	LT	96.2	96.2	0.2	
RTE 66	42+33.91	RT	93.5	93.5	0.2	NEW HAMPSHIRE AVE.
RTE 66	43+19.72	LT	91.9	91.9	0.3	CLUB ST.
RTE 66	43+89.07	RT	89.4	89.4	0.2	
RTE 66	45+05.11	LT	134.2	134.2	0.3	COMMERCIAL AVE.
RTE 66	45+66.07	RT	110.1	110.1	0.3	VERMONT AVE.
RTE 66	47+48.11	LT	110.3	110.3	0.2	
RTE 66	48+20.20	RT	184.6	184.6	0.3	
RTE 66	48+91.15	LT	146.5	146.5	0.3	
RTE 66	50+66.35	RT	102.1	102.1	0.3	
RTE 66	50+70.08	LT	57.3	57.3	0.2	
		TOTAL	7082.8	7082.8	14.9	

SIDEWALK

ROUTE	STA.	STA.	LOCATION	CONCRETE SIDEWALK (4 IN. THICK) SY	TYPE I AGG FOR BASE (4 IN. THICK) SY	REMARKS
RTE 43 TO BRIDGE						
RTE 66	311+49.75	311+49.75	RT	2.8	2.8	PENNSYLVANIA AVE
RTE 66	5+41.10	5+71.69	LT	17.0	17.0	PENNSYLVANIA AVE
RTE 66	5+47.94	7+63.04	RT	119.5	119.5	KENTUCKY AVE
RTE 66	6+22.72	7+66.87	LT	80.1	80.1	KENTUCKY AVE
RTE 66	8+36.39	893.54	RT	31.6	31.6	KENTUCKY AVE
RTE 66	8+48.30	10+93.85	LT	143.5	143.5	KENTUCKY AVE
RTE 66	9+32.71	9+78.20	RT	25.3	25.3	KENTUCKY AVE
BRIDGE TO STL						
RTE 66	20+48.75	20+57.12	LT	4.1	4.1	MINNESOTA AVE
RTE 66	21+08.49	21+26.68	RT	10.1	10.1	MINNESOTA AVE
RTE 66	21+18.49	23+32.09	LT	118.7	118.7	MINNESOTA AVE
RTE 66	21+49.68	22+19.49	RT	38.8	38.8	MINNESOTA AVE
RTE 66	22+49.97	23+59.46	RT	60.8	60.8	MINNESOTA AVE
RTE 66	23+61.28	29+15.72	LT	308	308	OHIO AVE
RTE 66	24+38.48	24+97.61	RT	13.4	13.4	OHIO AVE
RTE 66	25+89.59	26+51.70	RT	34.5	34.5	INDIANA AVE
RTE 66	26+72.02	26+82.73	RT	6	6	INDIANA AVE
RTE 66	27+55.39	28+48.64	RT	51.8	51.8	INDIANA AVE
RTE 66	29+11.82	29+15.72	RT	2.2	2.2	ILLINOIS AVE
RTE 66	29+42.22	29+59.16	RT	11.8	11.8	ILLINOIS AVE
RTE 66	30+48.82	30+74.33	LT	21.1	21.1	MURPHY BLVD
RTE 66	31+20.50	32+72.91	LT	84.5	84.5	MURPHY BLVD
RTE 66	31+27.75	32+23.52	RT	53.2	53.2	ILLINOIS AVE
RTE 66	32+80.48	33+50.57	RT	38.9	38.9	WISCONSIN AVE
RTE 66	33+46.32	34+28.08	LT	45.4	45.4	SCHOOL AVE
RTE 66	34+41.81	35+73.50	RT	73.2	73.2	WISCONSIN AVE
RTE 66	34+62.94	35+51.85	LT	49.4	49.4	
RTE 66	35+86.94	36+22.80	LT	19.9	19.9	MICHIGAN AVE
RTE 66	36+23.54	38+73.92	RT	139.1	139.1	
RTE 66	36+97.68	37+08.25	LT	5.9	5.9	
RTE 66	37+66.64	38+06.06	LT	21.9	21.9	
RTE 66	38+60.44	38+70.48	LT	5.6	5.6	HIGH AVE
RTE 66	39+46.43	39+41.43	RT	8.5	8.5	HIGH AVE
RTE 66	39+59.03	40+35.39	LT	42.4	42.4	HIGH AVE
RTE 66	39+96.03	40+46.51	RT	28	28	HIGH AVE
RTE 66	40+64.89	40+75.42	LT	6.1	6.1	
RTE 66	40+86.42	41+99.45	LT	62.8	62.8	
RTE 66	41+08.28	41+96.67	RT	49.1	49.1	NEW HAMPSHIRE AVE
RTE 66	42+37.45	42+80.64	LT	24	24	CLUB ST
RTE 66	42+71.16	43+71.37	RT	55.7	55.7	NEW HAMPSHIRE AVE
RTE 66	43+63.50	44+53.66	LT	50.1	50.1	CLUB ST
RTE 66	44+06.73	45+24.11	RT	65.2	65.2	CLUB ST
RTE 66	45+40.21	47+27.09	LT	103.8	103.8	COMMERCIAL AVE
RTE 66	46+13.34	47+67.95	RT	85.9	85.9	VERMONT AVE
RTE 66	47+69.14	48+35.52	LT	36.9	36.9	TERRACE AVE
RTE 66	48+61.03	48+83.26	RT	12.3	12.3	
RTE 66	48+88.26	50+41.19	RT	85	85	
RTE 66	49+23.91	50+49.53	LT	69.8	69.8	TERRACE AVE
RTE 66	50+90.64	51+10.00	LT	10.8	10.8	
RTE 66	50+91.51	51+10.00	RT	10.3	10.3	
			TOTAL	2444.8	2444.8	

SUMMARY OF QUANTITIES
SHEET 4 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/30/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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CURB AND GUTTER

ROUTE	STA.	STA.	LOCATION	CURB AND GUTTER TYPE B	INTEGRAL CURB TYPE A	CONCRETE CURB MOD. TYPE S 6 IN. HEIGHT AND UNDER	CONCRETE CURB MOD. TYPE S OVER 6 IN. HEIGHT	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				LF	LF	LF	LF	SY	
RTE 43	TO BRIDGE								
RTE 66	304+20.00	304+30.15	LT	0.0	10.0	0.0	0.0	1.0	
RTE 66	304+20.00	304+30.16	RT	0.0	10.0	0.0	0.0	1.0	
RTE 66	305+38.14	306+23.62	LT	86.0	0.0	0.0	0.0	29.0	
RTE 66	305+39.78	307+69.57	RT	230.0	0.0	0.0	0.0	77.0	
RTE 66	306+75.62	306+81.62	LT	6.0	0.0	0.0	0.0	2.0	
RTE 66	307+20.62	307+60.13	LT	40.0	0.0	0.0	0.0	13.0	
RTE 66	308+60.63	308+93.69	LT	33.0	0.0	0.0	0.0	11.0	
RTE 66	308+50.07	309+53.49	RT	60.0	0.0	0.0	0.0	20.0	
RTE 66	309+44.69	310+20.07	LT	75.0	0.0	0.0	0.0	25.0	
RTE 66	310+75.97	310+79.08	LT	60.0	0.0	0.0	0.0	20.0	
RTE 66	309+86.49	310+90.03	RT	61.0	0.0	0.0	0.0	20.0	
RTE 66	5+19.66	5+76.68	LT	0.0	57.0	0.0	0.0	3.0	
RTE 66	6+17.72	7+72.01	LT	0.0	154.0	0.0	0.0	9.0	
RTE 66	311+49.75	7+73.73	RT	0.0	256.0	0.0	0.0	14.0	
RTE 66	8+37.30	10+93.85	LT	258.0	0.0	0.0	0.0	86.0	
RTE 66	8+25.18	8+88.09	RT	63.0	0.0	0.0	0.0	21.0	
RTE 66	9+38.08	9+84.83	RT	47.0	0.0	0.0	0.0	16.0	
BRIDGE	TO STL								
RTE 66	20+48.75	20+58.81	RT	10.0	0.0	0.0	0.0	3.0	
RTE 66	20+48.75	20+59.97	LT	11.0	0.0	0.0	0.0	4.0	
RTE 66	21+09.14	21+17.18	RT	8.0	0.0	0.0	0.0	3.0	
RTE 66	21+11.76	23+21.79	LT	210.0	0.0	0.0	0.0	70.0	
RTE 66	21+59.18	22+09.99	RT	51.0	0.0	0.0	0.0	17.0	
RTE 66	22+57.99	23+63.46	RT	105.0	0.0	0.0	0.0	35.0	
RTE 66	23+71.58	29+94.22	LT	699.0	0.0	0.0	0.0	233.0	
RTE 66	24+80.48	24+92.15	RT	12.0	0.0	0.0	0.0	4.0	
RTE 66	25+82.86	26+43.70	RT	61.0	0.0	0.0	0.0	20.0	
RTE 66	26+79.95	26+87.76	RT	8.0	0.0	0.0	0.0	3.0	
RTE 66	27+50.36	28+49.34	RT	99.0	0.0	0.0	0.0	33.0	
RTE 66	29+11.12	30+17.35	RT	168.0	0.0	0.0	0.0	56.0	
RTE 66	30+69.13	31+10.96	RT	0.0	0.0	55.0	0.0	9.0	
RTE 66	30+69.90	31+65.57	RT	0.0	0.0	0.0	108.0	18.0	
RTE 66	30+10.95	32+80.91	LT	323.0	0.0	0.0	0.0	108.0	
RTE 66	30+56.68	32+15.02	RT	233.0	0.0	0.0	0.0	78.0	
RTE 66	32+88.98	33+62.40	RT	73.0	0.0	0.0	0.0	24.0	
RTE 66	33+38.32	34+16.24	LT	78.0	0.0	0.0	0.0	26.0	
RTE 66	34+29.81	35+65.82	RT	136.0	0.0	0.0	0.0	45.0	
RTE 66	34+74.78	35+40.00	LT	65.0	0.0	0.0	0.0	22.0	
RTE 66	35+98.78	36+29.53	LT	31.0	0.0	0.0	0.0	10.0	
RTE 66	36+31.04	38+80.66	RT	250.0	0.0	0.0	0.0	83.0	
RTE 66	36+90.95	36+97.94	LT	7.0	0.0	0.0	0.0	2.0	
RTE 66	37+76.94	37+95.75	LT	19.0	0.0	0.0	0.0	6.0	
RTE 66	39+42.20	39+53.14	RT	11.0	0.0	0.0	0.0	4.0	
RTE 66	39+57.37	40+27.39	LT	70.0	0.0	0.0	0.0	23.0	
RTE 66	40+04.70	40+55.19	RT	51.0	0.0	0.0	0.0	17.0	
RTE 66	40+94.42	41+91.45	LT	97.0	0.0	0.0	0.0	32.0	
RTE 66	40+99.59	42+03.40	RT	104.0	0.0	0.0	0.0	35.0	
RTE 66	42+45.45	42+89.33	LT	44.0	0.0	0.0	0.0	15.0	
RTE 66	42+64.42	43+63.87	RT	99.0	0.0	0.0	0.0	33.0	
RTE 66	43+58.66	44+58.29	LT	100.0	0.0	0.0	0.0	33.0	
RTE 66	44+14.21	45+30.84	RT	117.0	0.0	0.0	0.0	39.0	
RTE 66	45+31.52	47+21.59	LT	190.0	0.0	0.0	0.0	63.0	
RTE 66	46+18.95	47+72.03	RT	155.0	0.0	0.0	0.0	52.0	
RTE 66	47+74.64	48+41.93	LT	67.0	0.0	0.0	0.0	22.0	
RTE 66	48+43.98	50+29.35	RT	158.0	0.0	0.0	0.0	53.0	
RTE 66	49+13.45	50+51.08	LT	138.0	0.0	0.0	0.0	46.0	
			TOTALS	5077.0	487.0	55.0	108.0	1747.0	

MOBILIZATION
TOTAL = 1 LUMP SUM

ADDITIONAL MOBILIZATION FOR SEEDING
TOTAL = 1 EACH

INTELLIGENT COMPACTION FOR SUBGRADE
7S2185D
TOTAL = 1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 5 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/14/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
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PAVEMENT MARKING (PERMANENT) (TABLE 1 OF 2)

ROUTE	STA	STA	LOCATION	THERMOPLASTIC			HIGH BUILD WATERBORNE				REMARKS
				24 IN WHITE	LT/RT ARROW	WORDS (ONLY)	4IN YELLOW TYPE L	4IN YELLOW TYPE P	6 IN WHITE TYPE L	4 IN WHITE TYPE P	
				LF	EA	EA	LF	LF	LF	LF	
RTE 43 TO BRIDGE											
RTE 66	303+62.00	304+30.00	LT						17		
RTE 66	303+62.00	304+30.00	LT				136				
RTE 66	303+62.00	304+30.00	LT						66		
RTE 66	303+62.00	304+30.00	RT						69		
RTE 66	303+98.00		LT		1						
RTE 66	304+39.00		LT/RT	66							
MAIN ST	03+73.00	03+83.00	LT						10		
MAIN ST	03+57.00	03+83.00	LT					52			
MAIN ST	03+57.00	03+88.00	RT							31	
MAIN ST	03+76.00	03+86.00	RT							10	
MAIN ST	03+83.00		LT/RT	11							
MAIN ST	03+88.00		RT	24							
MAIN ST	03+97.00		LT/RT	66							
MAIN ST	04+88.00		LT/RT	30							
MAIN ST	04+90.00	05+02.00	LT							12	
MAIN ST	04+91.00	05+10.00	LT							19	
MAIN ST	04+89.00	05+10.00	RT					42			
MAIN ST	04+86.00	04+96.00	RT							10	
MAIN ST	04+82.00		LT/RT	66							
RTE 66	305+51.00		LT/RT	66							
RTE 66	305+50.00		LT	22							
RTE 66	305+51.00		LT	12							
RTE 66	305+51.00	306+49.00	LT						98		
RTE 66	306+49.00	307+52.00	LT						26		
RTE 66	305+52.00	306+24.00	LT						72		
RTE 66	306+64.00	307+50.00	LT				172				
RTE 66	305+86.00		LT		1						
RTE 66	307+30.00		LT		1						
RTE 66	307+52.00		LT	12							
RTE 66	305+51.00	306+79.00	LT				256				
RTE 66	307+04.00	307+50.00	LT						46		
RTE 66	307+52.00		RT	24							
RTE 66	305+49.00	306+39.00	RT						23		
RTE 66	306+54.00	307+52.00	RT						98		
RTE 66	307+62.00		LT/RT	66							
VIRGINIA AVE	03+62.00	03+82.00	LT					40			
VIRGINIA AVE	03+82.00		LT/RT	23							
VIRGINIA AVE	03+58.00	03+82.00	RT							24	
VIRGINIA AVE	03+91.00		LT/RT	42							
VIRGINIA AVE	00+59.00		LT/RT	22							
VIRGINIA AVE	00+61.00	00+74.00	LT							13	
VIRGINIA AVE	00+61.00	00+81.00	RT					40			
VIRGINIA AVE	00+52.00		LT/RT	48							
RTE 66	308+53.00		LT/RT	66							
RTE 66	308+61.00		LT	22							
RTE 66	308+63.00		LT	12							
RTE 66	308+63.00	309+61.00	LT						98		
RTE 66	309+87.00	310+77.00	LT						23		
RTE 66	308+65.00	309+36.00	LT						71		
RTE 66	309+59.00	310+73.00	LT				228				
RTE 66	308+97.00		LT		1						
RTE 66	310+41.00		LT		1						
RTE 66	310+75.00		LT	12							
RTE 66	308+63.00	309+79.00	LT				232				
RTE 66	310+02.00	310+73.00	LT						71		
RTE 66	310+76.00		LT/RT	22							
RTE 66	308+63.00	309+51.00	RT						22		
RTE 66	309+66.00	310+75.00	RT						109		
RTE 66	310+84.00		LT/RT	66							
S PENNSYLVANIA AVE	00+46.00	00+70.00	LT					48			
S PENNSYLVANIA AVE	00+46.00		LT/RT	21							
S PENNSYLVANIA AVE	00+46.00	00+70.00	RT							24	
S PENNSYLVANIA AVE	00+36.00		LT/RT	42							
S PENNSYLVANIA AVE	00+47.00		LT/RT	42							
S PENNSYLVANIA AVE	00+56.00		LT/RT	20							
S PENNSYLVANIA AVE	00+57.00	00+72.00	LT							15	
S PENNSYLVANIA AVE	00+57.00	00+79.00	RT					44			
RTE 66	05+37.00		LT/RT	66							
RTE 66	05+35.00		LT	22							
RTE 66	05+37.00		RT	11							
RTE 66	05+37.00	06+52.00	LT						115		
			SUBTOTAL	1024	5	0	1024	266	1034	158	

SUMMARY OF QUANTITIES
SHEET 6 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/30/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PAVEMENT MARKING (PERMANENT) (TABLE 2 OF 2)

ROUTE	STA	STA	LOCATION	THERMOPLASTIC			HIGH BUILD WATERBORNE				BARRIER CURB WHITE	BARRIER CURB YELLOW	REMARKS
				24 IN WHITE	LT/RT ARROW	WORDS (ONLY)	4IN YELLOW TYPE L	4IN YELLOW TYPE P	6 IN WHITE TYPE L	4 IN WHITE TYPE P			
				LF	EA	EA	LF	LF	LF	LF	LF	LF	
RTE 43 TO BRIDGE													
RTE 66	06+79.00	10+94.00	LT						104				
RTE 66	08+37.00	09+94.00	LT						157.00				
RTE 66	08+59.00		LT		1								
RTE 66	05+37.00	06+10.00	RT						73				
RTE 66	05+71.00		RT		1								
RTE 66	05+38.00	06+52.00	RT				228						
RTE 66	06+52.00	08+37.00	RT				759						
RTE 66	08+37.00	10+94.00	RT				514						
RTE 66	05+36.00	10+94.00	RT						140				
RTE 66	06+52.00	07+64.00	RT						149				
RTE 66	08+35.00		RT			1							"ONLY"
RTE 66	08+84.00		RT		1								
RTE 66	08+26.00	09+40.00	RT						114.00				
RTE 66	09+40.00	09+85.00	RT	8					111				
RTE 66	09+85.00	10+94.00	RT	24					109.00		82		
RTE 66	10+33.35	10+73.85	RT										
BRIDGE TO ST. LOUIS AVE													
RTE 66	20+49.00	25+33.00	LT						484				
RTE 66	20+49.00	29+22.00	LT						218				
RTE 66	20+49.00	24+32.00	CENTER				192						
RTE 66	20+49.00	27+27.00	RT						170				
RTE 66	20+49.00	25+33.00	RT						484				
RTE 66	21+06.00		LT/RT	66									
RTE 66	24+32.00	25+33.00	LT				202						
RTE 66	24+32.00	25+33.00	RT				202						
RTE 66	25+33.00	29+25.00	LT				392						
RTE 66	25+30.11	29+24.72	LT/RT									793	
RTE 66	25+33.00	29+25.00	LT				392						
RTE 66	27+59.00	29+18.00	RT						159				
RTE 66	27+81.00		RT		1								
RTE 66	28+81.00		RT		1								
RTE 66	29+21.00		RT	10									
RTE 66	27+23.00		RT	20									
RTE 66	27+59.00	29+20.00	RT						161				
RTE 66	29+29.00	29+31.72	LT/RT	72									
ILLINOIS AVE	00+79.00	01+26.00	LT					94					
ILLINOIS AVE	00+78.00		LT	11									
ILLINOIS AVE	00+67.00	01+27.00	LT							60			
ILLINOIS AVE	00+67.00		LT/RT	22									
ILLINOIS AVE	00+68.00	01+27.00	RT							59			
ILLINOIS AVE	01+14.00		LT		1								
ILLINOIS AVE	00+59.00		LT/RT	90									
MURPHY BLVD	10+54.00		LT/RT	102									
MURPHY BLVD	10+65.00		LT	13									
MURPHY BLVD	10+67.00	11+05.00	LT							38.00			
MURPHY BLVD	10+70.00		LT/RT	11									
MURPHY BLVD	10+70.00	11+02.00	RT					64					
MURPHY BLVD	10+97.00		LT/RT		1								
RTE 66	31+04.00		LT/RT	84									
RTE 66	31+14.00		LT	33									
RTE 66	31+16.00		LT/RT	10									
RTE 66	31+16.00	32+97.00	LT						181				
RTE 66	31+18.00	32+97.00	LT						179.00				
RTE 66	31+20.66	32+42.99	LT/RT									850	
RTE 66	31+56.00		LT/RT		1								
RTE 66	32+56.00		LT/RT		1								
RTE 66	31+18.00	33+00.00	RT				182						
RTE 66	31+18.00	33+00.00	RT				182						
RTE 66	31+14.00	51+10.00	RT						499				
RTE 66	33+11.00	51+10.00	LT						450				
RTE 66	33+00.00	35+60.00	LT				401						
RTE 66	33+00.00	35+60.00	RT				520						
RTE 66	35+60.00	51+10.00	LT				1764						
RTE 66	35+60.00	51+10.00	RT				1801						
RTE 66	36+51.00		LT/RT		1								
RTE 66	36+66.00		LT/RT		1								
RTE 66	40+74.00		LT/RT		1								
RTE 66	40+89.00		LT/RT		1								
RTE 66	44+63.00		LT/RT		1								
RTE 66	44+78.00		LT/RT		1								
RTE 66	48+31.00		LT/RT		1								
RTE 66	48+46.00		LT/RT		1								
RTE 66	50+89.00		LT/RT		1								
			SUBTOTAL	576	18	1	7731	158	3942	157	82	1643	
			TOTAL	1600	23	1	8755	424	4976	315	82	1643	

CONTRACTOR FURNISHED
SURVEYING AND STAKING
TOTAL = 1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 7 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/30/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DRAINAGE PIPES AND STRUCTURES (TABLE 1 OF 2)

RTE	DRAINAGE ID	STA	STA	LOCATION	GROUP A PIPE 12 IN.	GROUP A PIPE 15 IN.	GROUP A PIPE 18 IN.	GROUP A PIPE 24 IN.	GROUP A PIPE 30 IN.	GROUP A PIPE 36 IN.	GROUP A PIPE 42 IN.	GROUP A PIPE 48 IN.	COMBINATION INLET 4X4	TYPE D INLET 4X2	TYPE D INLET 4X3	TYPE D INLET 4X4	TYPE D INLET 4X5	TYPE T INLET 3X7.5	MANHOLE 4' DIA	MANHOLE 5' DIA	MANHOLE 6' DIA	TYPE A PIPE COLLAR	CLASS 3 EXC. CY	REMARKS
					LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	EA		
RTE 43 TO BRIDGE																								
RTE 66	103MH1	304+44.39		RT															5.5				7.0	
RTE 66	102P	304+45.12	304+62.20	RT		41.0																	23.0	
RTE 66	102D1	304+60.69		RT											5.0								8.0	
RTE 66	101P	304+63.69	305+18.27	RT		55.0																	28.0	
RTE 66	101D1	305+18.27		RT										4.0									5.0	
RTE 66	104D1	307+55.22		LT										4.0									6.0	
RTE 66	103P	307+55.24	307+56.06	LT/RT		56.0																	21.0	
RTE 66	103D1	307+56.06		RT										4.0									5.0	
RTE 66	104P	307+57.23	307+89.10	LT		32.0																	18.0	
RTE 66	111MH1	307+91.46		LT																6.0			10.0	
RTE 66	110P	307+91.47	307+91.70	LT/RT		80.0																	36.0	
RTE 66	110D1	307+90.22		RT											4.0								6.0	
RTE 66	109P	307+87.37	307+90.20	RT	5.0																	1.0	6.0	
RTE 66	108P	307+91.07	307+91.47	RT		35.0																	13.0	
RTE 66	108D1	308+27.98		RT										4.0									5.0	
RTE 66	112D1	310+73.36		RT											4.0								6.0	
RTE 66	106D1	310+77.52		LT											4.0								6.0	
RTE 66	112P	310+75.36	311+04.68	RT		30.0																	14.0	
RTE 66	106P	310+79.52	311+15.41	LT		46.0																	22.0	
RTE 66	116D1	311+04.96		RT											6.0								7.0	
RTE 66	116P	311+07.15	311+17.64	LT/RT			34.0																21.0	
RTE 66	116MH1	311+17.70		LT																7.0			11.0	
RTE 66	116.1P	311+17.70	311+47.76	LT				28.0															23.0	
RTE 66	116MH2	5+00.43		CENTER															8.0				9.0	
RTE 66	116.2P	5+01.89	5+35.21	RT					31.0														35.0	
RTE 66	117T1	5+34.78		RT														4.0					10.0	
RTE 66	114T1	5+34.88		LT														4.0					10.0	
RTE 66	117P	5+34.76	5+35.18	RT		25.0																	12.0	
RTE 66	114P	5+34.88	5+35.25	LT		26.0																	12.0	
RTE 66	117MH1	5+35.21		RT																8.0			13.0	
RTE 66	117.1P	5+37.71	7+70.61	RT					233.0														287.0	
RTE 66	119T1	7+67.45		LT														5.0					10.0	
RTE 66	118T1	7+69.73		RT														5.0					10.0	
RTE 66	119P	7+67.46	7+73.21	LT		31.0																	14.0	
RTE 66	118P	7+69.75	7+73.11	RT		25.0																	12.0	
RTE 66	119MH1	7+73.11		RT																9.0			13.0	
RTE 66	119.1P	7+75.27	9+51.97	RT					176.0														206.0	
RTE 66	122D1	8+70.09		RT											4.0								6.0	
RTE 66	122P	8+71.03	9+54.31	RT		82.0																	38.0	
RTE 66	124D1	9+56.02		RT											7.0								8.0	
RTE 66	126C1	10+74.28		LT									4.0										8.0	
RTE 66	128C1	10+74.96		RT									4.0										7.0	
RTE 66	126P	10+76.39	10+89.21	LT		13.0																	6.0	
RTE 66	128P	10+76.98	10+89.27	RT		12.0																	6.0	
RTE 66	130C1	10+91.12		LT									5.0										8.0	
RTE 66	130P	10+91.27	10+91.31	LT/RT		46.0																	21.0	
RTE 66	132C1	10+91.26		RT									7.0										8.0	
BRIDGE TO STL																								
RTE 66	206P	20+50.57	20+54.40	LT			6.0															1.0	10.0	
RTE 66	206D1	20+54.40		LT											8.0								10.0	
RTE 66	205P	20+54.40	20+54.83	LT/RT			55.0																39.0	
RTE 66	205D1	20+54.80		RT											7.0								9.0	
RTE 66	204P	20+56.40	21+12.56	LT			56.0																26.0	
RTE 66	203P	20+56.81	21+10.32	RT			54.0																24.0	
RTE 66	203C1	21+12.32		RT									5.0										8.0	
RTE 66	204C1	21+14.55		LT									5.0										9.0	
RTE 66	201P	21+14.32	21+94.07	RT		80.0																	35.0	
RTE 66	202P	21+16.56	21+92.72	LT		76.0																	34.0	
RTE 66	202D1	21+94.73		LT											5.0								7.0	
RTE 66	201D1	21+96.08		RT											4.0								7.0	
RTE 66	207D1	23+19.16		LT										5.0									5.0	
RTE 66	207P	23+18.81	23+19.16	LT/RT		56.0																	22.0	
RTE 66	208D1	21+48.82		RT											5.0								8.0	
RTE 66	208P	23+20.82	24+80.41	RT			160.0																87.0	
RTE 66	210D1	24+82.55		RT											7.0								9.0	
RTE 66	210P	24+84.57	26+81.85	RT			197.0																108.0	
RTE 66	211D1	26+83.85		RT												6.0							10.0	
RTE 66	211P	26+85.85	27+72.59	RT				87.0															61.0	
RTE 66	212D1	27+74.59		RT												6.0							10.0	
RTE 66	212P	27+76.59	29+13.27	RT				137.0															115	
				SUBTOTAL	5.0	847.0	562.0	252.0	440.0	0.0	0.0	0.0	30.0	21.0	70.0	12.0	0.0	18.0	13.5	30.0	0.0	2.0	1729.0	

NOTE: NO DIRECT PAY FOR EXCAVATION & BACKFILL

SUMMARY OF QUANTITIES

SHEET 8 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/14/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DRAINAGE PIPES AND STRUCTURES (TABLE 2 OF 2)

RTE	DRAINAGE ID	STA	STA	LOCATION	GROUP A PIPE 12 IN. LF	GROUP A PIPE 15 IN. LF	GROUP A PIPE 18 IN. LF	GROUP A PIPE 24 IN. LF	GROUP A PIPE 30 IN. LF	GROUP A PIPE 36 IN. LF	GROUP A PIPE 42 IN. LF	GROUP A PIPE 48 IN. LF	COMBINATION INLET 4X4 LF	TYPE D INLET 4X2 LF	TYPE D INLET 4X3 LF	TYPE D INLET 4X4 LF	TYPE D INLET 4X5 LF	TYPE T INLET 3X7.5 LF	MANHOLE 4' DIA LF	MANHOLE 5' DIA LF	MANHOLE 6' DIA LF	TYPE A PIPE COLLAR EA	CLASS 3 EXC. CY	REMARKS
BRIDGE TO STL																								
RTE 66	213D1	29+15.24		RT												7.0							10.0	
RTE 66	209D1	29+19.74		LT										5.0									6.0	
RTE 66	209P	29+15.29	29+19.74	LT/RT		55																	28.0	
RTE 66	213P	29+17.27	31+16.37	RT		199																	166.0	
RTE 66	214D1	31+16.06		LT										4.0									5.0	
RTE 66	214P	31+16.06	21+17.83	LT/RT		66																	31.0	
RTE 66	215D1	31+18.56		RT												8.0							12.0	
RTE 66	215P	31+20.16	31+80.67	RT					61														69.0	
RTE 66	216C1	31+82.61		LT									4										8.0	
RTE 66	216P	31+82.60	31+82.68	LT/RT		52																	24.0	
RTE 66	217C1	31+82.66		RT									8										12.0	
RTE 66	217P	31+84.67	32+66.99	LT/RT					93														105.0	
RTE 66	362P	33+00.95	33+40.22	LT								40											69.0	
RTE 66	362D1	33+42.18		LT													8.0						14.0	
RTE 66	360P	33+29.54	33+41.31	RT		12																	5.0	
RTE 66	360D1	33+43.21		RT																			8.0	
RTE 66	358P	33+44.22	34+75.45	LT								131											207.0	
RTE 66	358D1	34+77.45		LT													8.0						14.0	
RTE 66	357.1P	34+79.45	36+24.91	LT								145											229.0	
RTE 66	357D2	36+26.90		LT													7.0						14.0	
RTE 66	357P	36+26.93	36+38.05	LT/RT		55																	26.0	
RTE 66	357D1	36+38.05		RT										4.0									5.0	
RTE 66	356P	36+28.91	36+92.15	LT								63											100.0	
RTE 66	356D1	36+94.17		LT													7.0						14.0	
RTE 66	354P	36+96.15	38+76.25	LT								180											284.0	
RTE 66	353P	38+77.48	38+82.52		7																	1.0	3.0	
RTE 66	354D1	38+77.70		LT													7.0						14.0	
RTE 66	350.1P	38+80.17	39+44.36	LT							65												88.0	
RTE 66	348D1	39+46.24		RT										4.0									5.0	
RTE 66	348P	39+46.24	39+47.36	LT/RT		54																	21.0	
RTE 66	350MH1	39+47.34		LT																	8.0		21.0	
RTE 66	350P	39+50.35	39+60.10	LT							10												14.0	
RTE 66	350D1	39+62.13		LT													7.0						13.0	
RTE 66	346P	39+64.10	40+22.73	LT							59												79.0	
RTE 66	346D1	40+24.72		LT													7.0						13.0	
RTE 66	344P	40+26.73	42+81.09	LT						254													340.0	
RTE 66	344D1	42+83.09		LT													7.0						14.0	
RTE 66	342P	42+83.09	42+88.68	LT		7																1.0	3.0	
RTE 66	340P	42+85.09	43+58.53	LT						73													82.0	
RTE 66	339D1	43+59.81		RT										4.0									5.0	
RTE 66	339P	43+59.81	43+60.52	LT/RT		54																	24.0	
RTE 66	340D1	43+60.54		LT													7.0						13.0	
RTE 66	338P	43+62.53	44+51.41	LT						89													99.0	
RTE 66	338D1	44+53.41		LT													7.0						13.0	
RTE 66	437.1P	44+55.41	44+71.01	LT						15													17.0	
RTE 66	337MH1	44+72.51		LT																6.0			14.0	
RTE 66	337P	44+73.67	44+81.51	LT				15															68.0	
RTE 66	337D1	44+81.17		LT												5.0							14.0	
RTE 66	336P	44+84.32	45+16.11	LT				32															20.0	
RTE 66	336D1	45+18.67		LT												5.0							8.0	
RTE 66	334P	44+75.01	45+32.16	LT						58													3.0	
RTE 66	334D1	45+34.18		LT													6.0						13.0	
RTE 66	333P	45+36.19	46+69.56	LT						133													158.0	
RTE 66	333D1	46+71.56		LT										7.0									13.0	
RTE 66	330D1	46+71.56		RT										4.0									5.0	
RTE 66	330P	46+71.55	46+71.56	LT/RT		54																	25.0	
RTE 66	332P	46+73.56	47+75.44	LT						102													121.0	
RTE 66	332D1	47+77.43		LT													7.0						13.0	
RTE 66	328P	47+79.44	48+37.45	LT						58													69.0	
RTE 66	328D1	48+39.44		LT													7.0						12.0	
RTE 66	327P	48+39.44	48+66.05	LT			31																16.0	
RTE 66	327D1	48+68.03		LT											5.0								7.0	
RTE 66	326P	48+68.03	49+01.34	LT		34																	16.0	
RTE 66	326D1	49+03.83		LT											4.0								6.0	
RTE 66	324P	48+41.45	49+21.12	LT					80														73.0	
RTE 66	324D1	49+23.10		LT												6.0							10.0	
RTE 66	319D1	49+23.59		RT																			5.0	
RTE 66	319P	49+23.12	49+23.59	LT/RT		55																	23.0	
RTE 66	323P	49+25.12	50+34.26	LT				109															85.0	
				SUBTOTAL	7.0	697.0	31.0	156.0	234.0	782.0	134.0	559.0	12.0	32.0	9.0	31.0	92.0	0.0	0.0	6.0	8.0	2.0	3143.0	
				TOTALS	12.0	1544.0	593.0	408.0	674.0	782.0	134.0	559.0	42.0	53.0	79.0	43.0	92.0	18.0	13.5	36.0	8.0	4.0	4872.0	

NOTE: NO DIRECT PAY FOR EXCAVATION & BACKFILL

SUMMARY OF QUANTITIES

SHEET 9 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/14/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SOD - TURF TYPE FESCUE

ROUTE	STA.	STA.	LOCATION	SY	REMARKS
RTE 43 TO BRIDGE					
RTE 66	5+30.59	7+83.88	LT	60.9	PENNSYLVANIA AVE - KENTUCKY AVE
RTE 66	8+19.30	10+93.85	LT	196.8	KENTUCKY AVE - BRIDGE
RTE 66	5+30.45	7+80.80	RT	97.8	PENNSYLVANIA AVE - KENTUCKY AVE
RTE 66	8+17.97	9+62.16	RT	43.1	KENTUCKY AVE - BRIDGE
BRIDGE TO STL					
RTE 66	20+48.75	20+65.71	LT	8.3	MINNESOTA AVE
RTE 66	21+08.99	29+79.22	LT	814.0	MINNESOTA AVE - MURPHY BLVD
RTE 66	30+53.70	32+92.69	LT	228.2	MURPHY BLVD - SCHOOL AVE
RTE 66	33+26.54	36+42.52	LT	259.7	SCHOOL AVE - MIGHIGAN AVE
RTE 66	36+77.96	38+90.69	LT	67.9	MIGHIGAN AVE - HIGH AVE
RTE 66	39+35.43	43+01.02	LT	335.2	HIGH AVE - CLUB ST
RTE 66	43+36.47	44+80.52	LT	151.2	CLUB ST - COMMERCIAL AVE
RTE 66	45+19.62	48+62.66	LT	347.7	COMMERCIAL AVE - TERRACE AVE
RTE 66	49+03.77	51+10.00	LT	163.0	TERRACE AVE - ST. LOUIS AVE
RTE 66	20+51.23	20+63.32	RT	21.2	MINNESOTA AVE
RTE 66	20+64.58	23+79.07	RT	175.4	MINNESOTA AVE - OHIO AVE
RTE 66	24+18.87	27+02.38	RT	152.0	OHIO AVE - INDIANA AVE
RTE 66	27+35.74	29+52.40	RT	129.8	INDIANA AVE - ILLINOIS AVE
RTE 66	30+69.35	38+93.65	RT	903.6	ILLINOIS AVE - HIGH AVE
RTE 66	39+29.20	42+16.39	RT	186.4	HIGH AVE - NEW HAMPSHIRE AVE
RTE 66	42+51.43	45+43.83	RT	217.3	NEW HAMPSHIRE AVE - VERMONT AVE
RTE 66	45+94.08	51+10.00	RT	308.5	VERMONT AVE - ST. LOUIS AVE
			TOTAL	4868.0	
			USE	4868.0	

TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (TABLE 1 OF 2)

ROUTE	STA.	STA.	LOCATION	SILT FENCE	CURB INLET CHECK	SEDIMENT REMOVAL	REMARKS
				LF	EA	CY	
RTE 43 TO BRIDGE							
RTE 66	304+61.55		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	305+19.21		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	306+23.21	307+76.71	RT	173		1.7	USE AS DIRECTED BY ENGINEER
RTE 66	307+55.19		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	307+56.27		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	307+74.48		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	307+91.55		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	308+29.07		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	310+77.46		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	310+73.39		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	311+06.19		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	311+10.14		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	5+34.89		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	5+34.83		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	7+67.46		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	7+69.69		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	8+35.43	10+93.81	LT	259		2.6	USE AS DIRECTED BY ENGINEER
RTE 66	8+70.09		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	9+45.88	9+78.31	RT	32		0.3	USE AS DIRECTED BY ENGINEER
RTE 66	9+56.10		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	9+56.50		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	10+74.19		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	10+91.54		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	10+74.96		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	10+91.25		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	10+91.78		RT		1	1.0	USE AS DIRECTED BY ENGINEER
BRIDGE TO STL							
RTE 66	20+54.96		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	20+54.77		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	21+10.41	23+30.67	LT	220		2.2	USE AS DIRECTED BY ENGINEER
RTE 66	21+14.60		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	21+12.28		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	21+94.78		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	21+96.07		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	23+19.13		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	23+19.35		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	24+25.44	29+70.02	LT	607		6.1	USE AS DIRECTED BY ENGINEER
			SUBTOTAL	1291	31	43.9	

PER EPG 806.6: QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING 1 CY PER DITCH CHECK, 1 CY PER 100 LINEAR FEET OF SILT FENCE, AND 1 CY PER INLET CHECK

TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (TABLE 2 OF 2)

ROUTE	STA.	STA.	LOCATION	SILT FENCE	CURB INLET CHECK	SEDIMENT REMOVAL	REMARKS
				LF	EA	CY	
BRIDGE TO STL							
RTE 66	36+26.93		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	36+37.84		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	36+94.24		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	37+94.45	38+95.81	RT	101	1	2.0	USE AS DIRECTED BY ENGINEER
RTE 66	38+78.16		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	38+78.47		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	39+32.19	39+61.61	RT	35		0.4	USE AS DIRECTED BY ENGINEER
RTE 66	39+36.00	39+66.17	LT	30		0.3	USE AS DIRECTED BY ENGINEER
RTE 66	39+45.63		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	39+46.19		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	39+62.15		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	39+70.15	39+87.30	LT	17		0.2	USE AS DIRECTED BY ENGINEER
RTE 66	39+91.24	40+05.41	LT	14		0.1	USE AS DIRECTED BY ENGINEER
RTE 66	39+96.48	40+60.17	RT	64		0.6	USE AS DIRECTED BY ENGINEER
RTE 66	40+24.78		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	42+83.10		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	43+35.11	43+61.70	LT	29		0.3	USE AS DIRECTED BY ENGINEER
RTE 66	43+60.58		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	43+59.82		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	43+66.13	43+66.13	LT	24		0.2	USE AS DIRECTED BY ENGINEER
RTE 66	44+53.43		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	44+82.78		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	45+18.14		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	45+20.66		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	45+34.12		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	45+82.80	47+99.46	RT	219		2.2	USE AS DIRECTED BY ENGINEER
RTE 66	46+71.48		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	46+70.92		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	47+77.48		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	48+39.53		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	48+66.97		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	48+83.80	50+40.56	RT	157		1.6	USE AS DIRECTED BY ENGINEER
RTE 66	49+03.28		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	49+23.56		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	49+23.13		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	50+36.25		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	50+79.64	51+10.00	LT	30		0.3	USE AS DIRECTED BY ENGINEER
RTE 66	24+82.64		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	26+83.63		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	27+74.57		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	29+19.86		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	29+15.24		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	30+22.52	32+84.25	LT	318		3.2	USE AS DIRECTED BY ENGINEER
RTE 66	31+16.32		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	31+18.11		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	31+83.36		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	31+85.55		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	32+87.07	33+71.29	RT	84		0.8	USE AS DIRECTED BY ENGINEER
RTE 66	33+35.95	34+28.08	LT	97		1.0	USE AS DIRECTED BY ENGINEER
RTE 66	33+43.28		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	33+43.38		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	34+22.42	35+72.56	RT	150		1.5	USE AS DIRECTED BY ENGINEER
RTE 66	34+77.50		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	35+87.48	36+35.38	LT	57		0.6	USE AS DIRECTED BY ENGINEER
RTE 66	36+24.04	37+12.40	RT	88		0.9	USE AS DIRECTED BY ENGINEER
			SUBTOTAL	1514	39	54.2	
			TOTAL	2805	70	98.1	

PER EPG 806.6: QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING 1 CY PER DITCH CHECK, 1 CY PER 100 LINEAR FEET OF SILT FENCE, AND 1 CY PER INLET CHECK

CONCRETE TRAFFIC BARRIER

ROUTE	STA.	STA.	LOCATION	TYPE A HEIGHT TRANSITION	REMARKS
				FT	
RTE 66	10+73.85	10+93.85	RT	20.0	

SUMMARY OF QUANTITIES
SHEET 10 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/30/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	3

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

CURB RAMP (CITY OWNED)

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB RAMP	TRUNCATED DOMES	TYPE 1 AGG FOR BASE (4 IN. THICK)	REMARKS
				SY	SF	SY	
RTE 43 TO BRIDGE							
RTE 66	304+20.00	304+59.95	RT	49.1	20.0	49.1	MAIN ST
RTE 66	304+20.00	304+60.02	LT	61.3	20.0	61.3	MAIN ST
RTE 66	305+19.02	305+55.64	LT	41.2	20.0	41.2	MAIN ST
RTE 66	306+17.62	306+35.62	LT	9.6	20.0	9.6	MAIN ST
RTE 66	306+63.62	306+81.62	LT	9.6		9.6	
RTE 66	307+15.62	307+26.62	LT	6.0		6.0	
RTE 66	307+47.20	307+89.57	RT	52.2	20.0	52.2	VIRGINIA AVE
RTE 66	307+48.20	307+89.63	LT	43.8	21.2	43.8	VIRGINIA AVE
RTE 66	308+30.57	308+78.59	RT	48.5	20.0	48.5	VIRGINIA AVE
RTE 66	308+34.88	308+68.19	LT	36.2	20.6	36.2	VIRGINIA AVE
RTE 66	308+87.69	309+03.40	LT	9.1		9.1	
RTE 66	309+04.49	309+10.49	RT	3.2		3.2	
RTE 66	309+34.99	309+50.69	LT	9.1		9.1	
RTE 66	309+41.49	309+59.49	RT	10.3		10.3	
RTE 66	309+80.49	309+98.49	RT	10.3		10.3	
RTE 66	310+29.49	310+41.49	RT	7.2		7.2	
RTE 66	310+69.96	311+09.31	RT	37.2	20.0	37.2	PENNSYLVANIA AVE
RTE 66	310+71.96	311+02.70	LT	28.9	23.1	28.9	PENNSYLVANIA AVE
			TOTALS	472.8	204.9	472.8	

SIDEWALK (CITY OWNED)

ROUTE	STA.	STA.	LOCATION	CONCRETE SIDEWALK (4 IN. THICK)	TYPE I AGG FOR BASE (4 IN. THICK)	REMARKS
				SY	SY	
RTE 43 TO BRIDGE						
RTE 66	304+45.33	304+60.10	RT	4.5	4.5	MAIN ST
RTE 66	304+47.08	304+60.02	LT	7.1	7.1	MAIN ST
RTE 66	305+55.64	306+17.62	LT	43.7	43.7	MAIN ST
RTE 66	305+68.69	307+47.20	RT	117.7	117.7	MAIN ST
RTE 66	307+26.62	307+48.20	LT	13.8	13.8	VIRGINIA AVE
RTE 66	308+68.19	308+87.69	LT	13	13	VIRGINIA AVE
RTE 66	308+78.59	309+04.49	RT	17.3	17.3	VIRGINIA AVE
RTE 66	309+50.69	310+30.16	LT	52.1	52.1	PENNSYLVANIA AVE
RTE 66	310+65.47	310+71.96	LT	3.5	3.5	PENNSYLVANIA AVE
RTE 66	310+41.49	310+69.96	RT	19	19	PENNSYLVANIA AVE
			TOTAL	291.7	291.7	

SOD - TURF TYPE FESCUE (CITY OWNED)

ROUTE	STA.	STA.	LOCATION	SY	REMARKS
RTE 43 TO BRIDGE					
RTE 66	304+20.00	304+47.06	LT	16.7	MAIN ST
RTE 66	305+30.13	306+38.42	LT	70.8	MAIN ST - VIRGINIA AVE
RTE 66	308+40.48	310+95.69	LT	134.6	VIRGINIA AVE - PENNSYLVANIA AVE
			TOTAL	222.1	
			USE	222.0	

SUMMARY OF QUANTITIES
SHEET 11 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/14/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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ALTERNATE E - RTE 66 ASPHALT PAVEMENT					
ROUTE	STA.	STA.	LOCATION	ASPHALTIC PAVEMENT (10.5 IN. THICK)	REMARKS
				SY	
RTE 43 TO BRIDGE					
RTE 66	304+20.01	5+18.10	LT & RT	4652.2	
RTE 66	7+73.74	10+93.85	LT & RT	2310.9	
BRIDGE TO STL					
RTE 66	20+48.75	55+10.00	LT & RT	19158.3	
			TOTAL	26121.4	
			USE	26121.0	
SEE TYPICAL SECTION SHEET 3 OF 10 FOR DETAILS OF ALTERNATE PAVEMENT DESIGN					

ALTERNATE E - ASPHALT PAVEMENT
SUMMARY OF QUANTITIES
SHEET 12A OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

ALTERNATE F - RTE 66 CONCRETE PAVEMENT					
ROUTE	STA.	STA.	LOCATION	PCCP (9.5 IN. THICK)	REMARKS
				SY	
RTE 43 TO BRIDGE					
RTE 66	304+20.01	5+18.10	LT & RT	4652.2	
RTE 66	7+73.74	10+93.85	LT & RT	2310.9	
BRIDGE TO STL					
RTE 66	20+48.75	55+10.00	LT & RT	19158.3	
			TOTAL	26121.4	
			USE	26121.0	
SEE TYPICAL SECTION SHEET 3 OF 10 FOR DETAILS OF ALTERNATE PAVEMENT DESIGN					

ALTERNATE F - CONCRETE PAVEMENT
SUMMARY OF QUANTITIES
SHEET 12B OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50	4	50				DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00	2	32				BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	48X48	16.00	2	32				SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	10	160				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00	2	32				2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00						FLAGGER (SYMBOL, WITH FLAGS)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	2	12				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	4	48				SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00	4	64				NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	8	16				SIDEWALK CLOSED
R9-11L	24X18	3.00	4	12				SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00	4	12				SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00	8	80				ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50	8	100				ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00	1	12				POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	2	16				RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	802

616-10.10 RELOCATED SIGNS	TOTAL
	0

ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025 DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSION (NARROW)
6122041		WORK ZONE CRASH CUSION (RELOCATION)
6123001	2	TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	200	CHANNELIZER (TRIM LINE)
6161026		CHANNELIZER (VERTICAL PANEL
6161030	20	TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096	4	CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099	4	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D	300	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION CONTRACTOR FURNISHED/RETAINED
6175010A	2380	RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6172013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400	1	TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 10/14/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY: JASPER

JOB NO.: J7S2185D

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SUMMARY OF QUANTITIES
SHEET 13 OF 13

198
SOUTHWEST MISSOURI DEV ENTERPRISES % CEDAR TREE MANAGEMENT
SEE SHEET 16 FOR R/W INFO

201
CREATIVE INVESTMENTS
SEE SHEET 16 FOR R/W INFO

202
JOPLIN CITY
SEE SHEET 16 FOR R/W INFO

199
SEVENTH STAR
SEE SHEET 16 FOR R/W INFO

200
ARVEST BANK
SEE SHEET 16 FOR R/W INFO

BEGIN PROJECT AT STA 304+00.00 ℄ OF ROUTE 66. FED. IMPROVEMENTS BEGIN AT A POINT LOCATED 1,326.38'N AND 202.91'W OF CORNER DOCUMENT NO. 600-105633 IN S10&11 T27N R33W

POT STA 305+27.30

℄ ROUTE 66 (7TH STREET)

MATCHLINE STA. 308+15.00

CERTIFIED LAND CORNER

THE COMMON CORNER TO SECTIONS 2, 3, 10 AND 11-T27N-R33W IS LOCATED 349.89' N88°05'26"W OF STA 304+00.00 AS SHOWN IN THE CORNER DOCUMENT NO. 600-105403

SW 1/4 SW 1/4 SEC 3 T27N R33W

SE 1/4 SE 1/4 SEC 2 T27N R33W

NE 1/4 NE 1/4 SEC 11 T27N R33W

NW 1/4 NW 1/4 SEC 10 T27N R33W

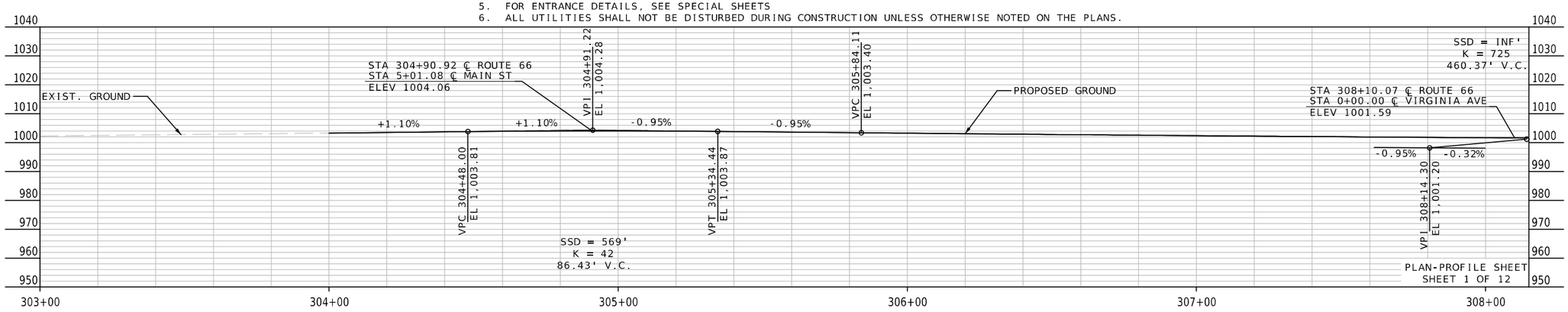
SECTION 10-T27N-R33W / SECTION 11-T27N-R33W

SCALE
0 20 40 60

NOTES:
1. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.
2. ALL BEARINGS ARE MODIFIED STATE PLANE BEARING. NAD83 WEST ZONE.
3. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA 304+20.00 TO STA 311+61.75; STA 5+00 TO STA 10+94.02, A DISTANCE OF 0.27 MILES
4. THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS AND REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

GENERAL NOTES:
1. ALL SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED
2. LANDINGS FOR SIDEWALKS RUNNING SLOPE = 1% MIN, 2% MAX
3. RAMPS FOR SIDEWALK RUNNING SLOPE = 8.33% MAX
4. FOR CURB RAMP DETAILS, SEE SPECIAL SHEETS & PAVEMENT MARKING SHEETS
5. FOR ENTRANCE DETAILS, SEE SPECIAL SHEETS
6. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.

LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN



PLAN-PROFILE SHEET SHEET 1 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

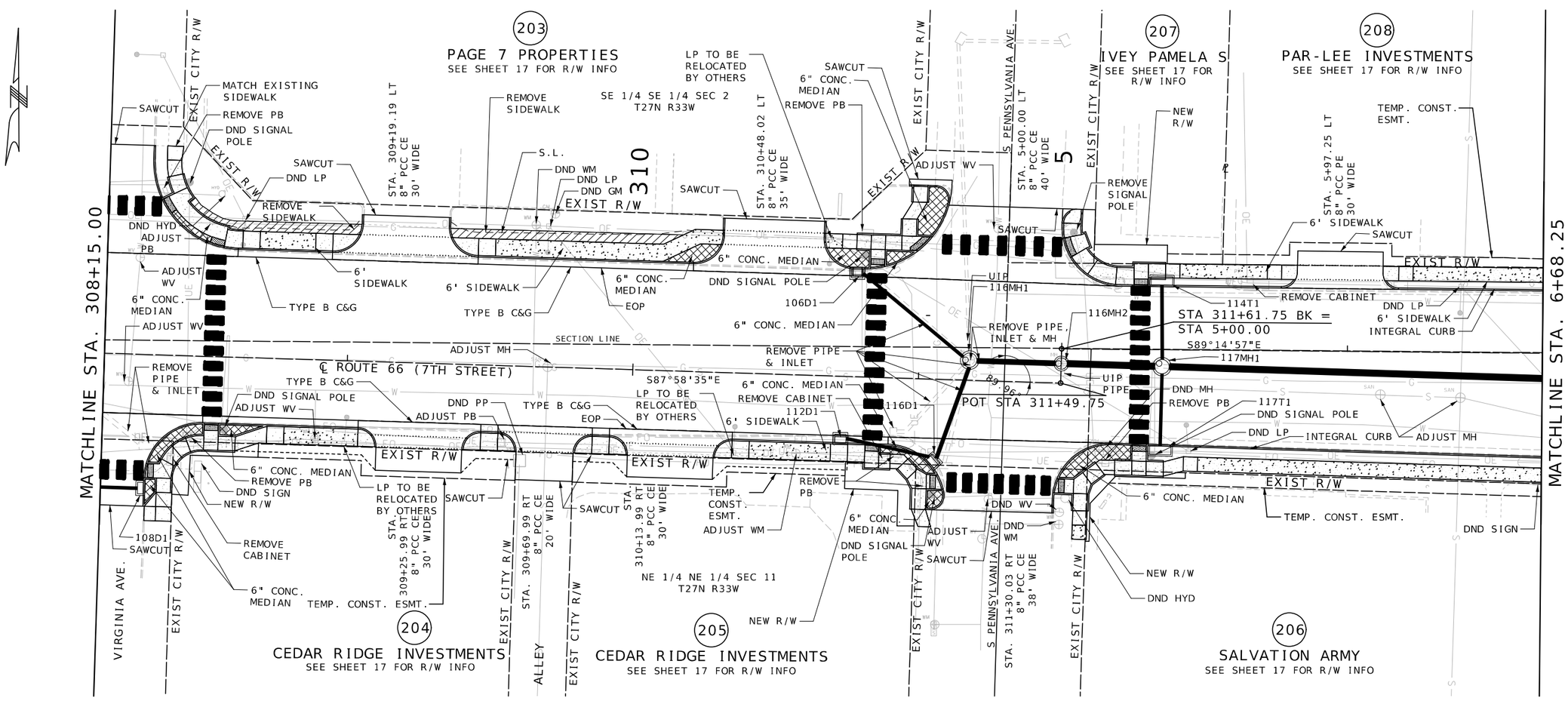
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
8/13/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	4
COUNTY	
JASPER	
JOB NO.	
J7S2185D	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

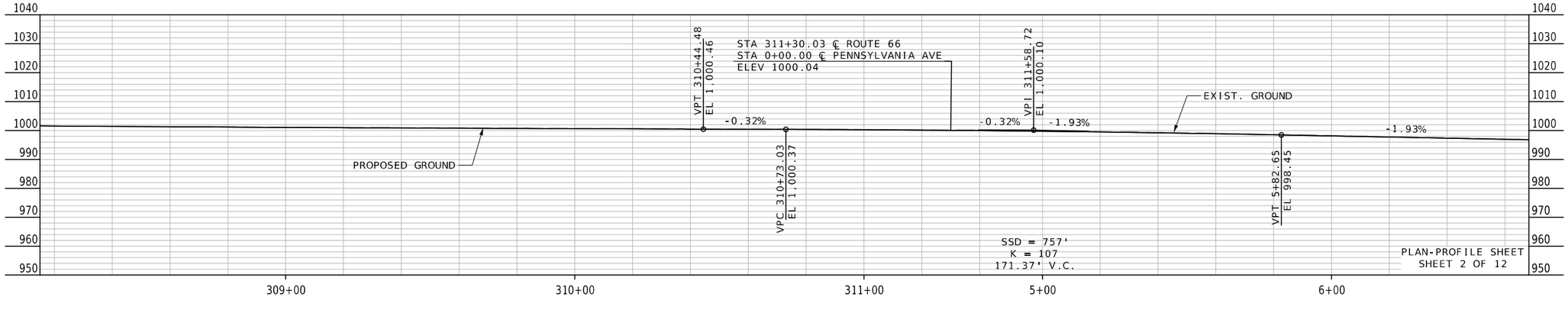
Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SCALE
0 20 40 60

GENERAL NOTES:
1. ALL SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED
2. LANDINGS FOR SIDEWALKS RUNNING SLOPE = 1% MIN, 2% MAX
3. RAMPS FOR SIDEWALK RUNNING SLOPE = 8.33% MAX
4. FOR CURB RAMP DETAILS, SEE SPECIAL SHEETS & PAVEMENT MARKING SHEETS
5. FOR ENTRANCE DETAILS, SEE SPECIAL SHEETS
6. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.

LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN



STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
9/30/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	5

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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WWW.BARTLETTWEST.COM

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pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.900/OpenRoads/plan_sheets/J7S2185D - Final Plans/04 Plan-Profile (PP)/005_PP_02_J7S2185D_I20.dgn 9:43:27 AM 9/30/2025

MATCHLINE STA. 6+68.25

SEE BRIDGE PLANS
STA. 10+94.02 - STA. 20+48.75

208
PAR-LEE INVESTMENTS
SEE SHEET 18 FOR R/W INFO

209
CB ASSET MANAGEMENT
SEE SHEET 18 FOR R/W INFO

210
4 STATE HOLDINGS
SEE SHEET 18 FOR R/W INFO

213
LIFECHOICES
SEE SHEET 18 FOR R/W INFO

206
SALVATION ARMY
SEE SHEET 18 FOR R/W INFO

211
JOPLIN DOWNTOWN PROPERTIES
SEE SHEET 18 FOR R/W INFO

212
PAR-LEE INVESTMENTS
SEE SHEET 18 FOR R/W INFO

214
GARVIN GARY M & KAREN S
SEE SHEET 18 FOR R/W INFO

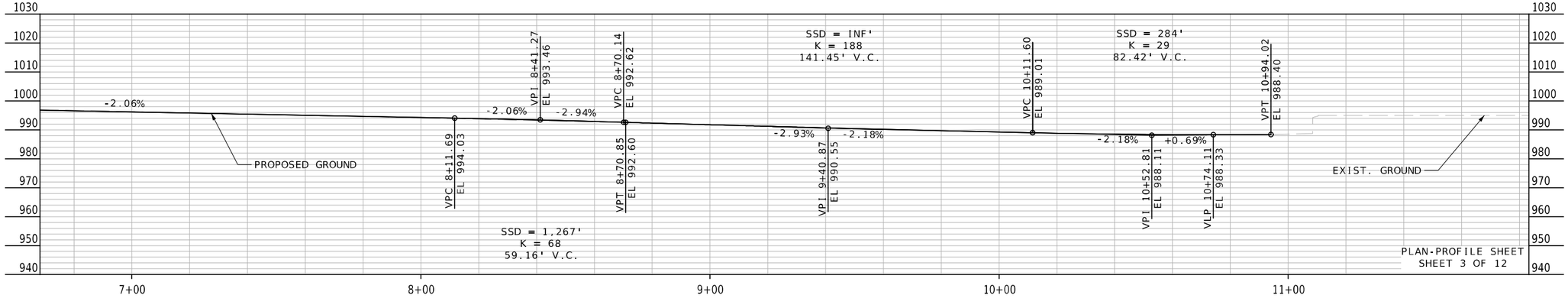
EXIST CITY R/W
KENTUCKY AVE
STA. 8+00.66 LT
8" PCC CE
31.5' WIDE
STA. 8+00.66 RT
8" PCC CE
28' WIDE
STA. 9+12.90 RT
8" PCC PE
39.41' WIDE
ALLEY
GRAND AVE
EXIST R/W

TEMP. CONST. ESMT. (TO EXISTING STORE FRONT)
SIDEWALK CUT-THRU
6' SIDEWALK
REMOVE SIGN
INTEGRAL CURB
DND SIGN
DND CURB
DND PP
DND LP
ADJUST WM
ADJUST WV
ADJUST MH
REMOVE HYDRANT
TEMP. CONST. ESMT.
6" CONC. MEDIAN
REMOVE SIDEWALK
LP TO BE RELOCATED BY OTHERS
119T1
119MH1
REMOVE PIPE & INLET
118T1
TEMP. CONST. ESMT.
FORM SIDEWALK AROUND EXISTING PB
CP 5050
SE 1/4 SE 1/4 SEC 2 T27N R33W
10
STA 8+37.30 OFF 29.87'
STA 8+78.14 OFF 30.10'
STA 9+49.86 OFF 18.50'
STA 9+72.05 OFF 18.50'
REMOVE AND PLUG INLET
126C1
130C1
10+94.02
88° 71'
SECTION LINE
S89°14'57"E
℄ ROUTE 66 (7TH STREET)
UIP
CONNECT TO EXISTING RCB
122D1
TYPE B C&G
STA 9+53.74 OFF 40.02'
124D1
STA 9+84.81 OFF 32.25'
STA 9+84.81 OFF 44.25'
STA 9+76.73 OFF 44.03'
REMOVE AND PLUG INLET
DND BENCH
TEMP CONST ESMT
DND GUY ANCHOR
NE 1/4 NE 1/4 SEC 11 T27N R33W
REMOVE MEDIAN
6" CONC. MEDIAN
132C1
128C1
R 1'
EXISTING PAVEMENT JOINT
REMOVE CET AND TIE EXIST. BARRIER TO TYPE A BARRIER HEIGHT TRANSITION

SCALE
0 20 40 60

GENERAL NOTES:
1. ALL SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED
2. LANDINGS FOR SIDEWALKS RUNNING SLOPE = 1% MIN, 2% MAX
3. RAMPS FOR SIDEWALK RUNNING SLOPE = 8.33% MAX
4. FOR CURB RAMP DETAILS, SEE SPECIAL SHEETS & PAVEMENT MARKING SHEETS
5. FOR ENTRANCE DETAILS, SEE SPECIAL SHEETS
6. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.

LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN



PLAN-PROFILE SHEET
SHEET 3 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 6
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN

215
JORDAN BRIAN K
SEE SHEET 19 FOR R/W INFO

216
JORDAN BRIAN K
SEE SHEET 19 FOR R/W INFO

217
BROWNFIELD CRISTY W & KAREN D
SEE SHEET 19 FOR R/W INFO

218
UNITY MISSIONARY BAPTIST CHURCH
SEE SHEET 19 FOR R/W INFO

220
FORUM INVESTMENTS
SEE SHEET 19 FOR R/W INFO

219
KATHRYN J REEVES REVOCABLE TRUST
SEE SHEET 19 FOR R/W INFO

SEE BRIDGE PLANS
STA. 10+94.02 - STA. 20+48.75

MATCHLINE STA. 23+27.50

20

EXIST CITY R/W

MINNESOTA AVE.

STA. 20+80.72 LT.
8" PCC ST.
30.' WIDE

STA. 20+79.11 RT.
8" PCC ST.
30' WIDE

STA. 21+38.18 RT.
8" PCC PE.
23' WIDE

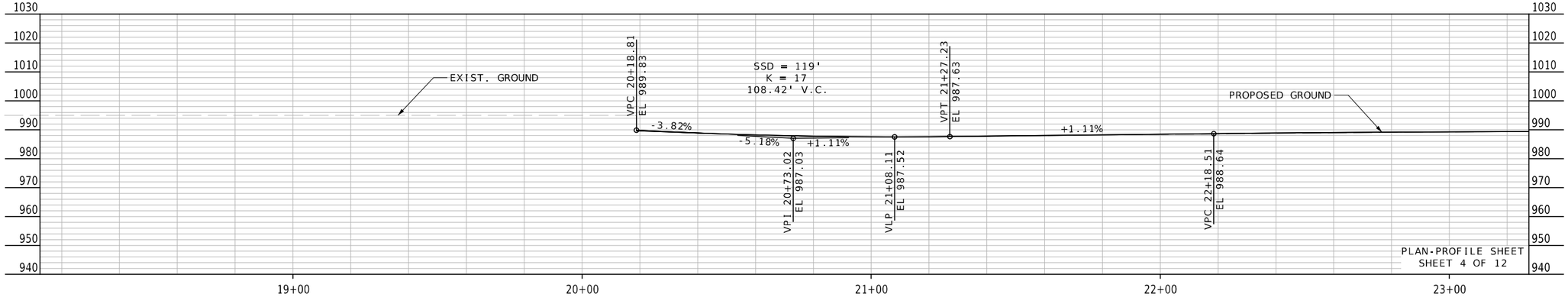
STA. 22+33.99 RT.
8" PCC PE.
29' WIDE

DND WM
DND PP
REMOVE SIGN
TEMP. CONST. ESMT.
TEMP. CONST. ESMT.
EXIST R/W
DND WALL
REMOVE SIGN
SAWCUT
206D1
6" CONC. MEDIAN
204C1
202D1
TYPE B C&G
DND LP
DND WM
REMOVE
EOP
207D1
UIP
ADJUST WV
SAWCUT
20+48.75
90.77°
S89°14'57"E
STA 20+80.10 ℄ ROUTE 66 =
STA 00+00.00 ℄ MINNESOTA AVE
91.29°
ADJUST MH
205D1
DND PP
DND G
DND PP
6" CONC. MEDIAN
203C1
201D1
EOP
TYPE B C&G
208D1
ADJUST WV
DND LP
DND BLOCK
DND WM
DND PP
DND LP
SAWCUT
EXIST R/W
SAWCUT
DND SIGN
SAWCUT
TEMP. CONST. ESMT.
DND PP
TEMP. CONST. ESMT.

NOTES:
1. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.
2. ALL BEARINGS ARE MODIFIED STATE PLANE BEARING, NAD83 WEST ZONE.
3. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA 20+48.75 TO STA 51+10.00, A DISTANCE OF 0.58 MILES
4. THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS AND REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

SCALE
0 20 40 60

GENERAL NOTES:
1. ALL SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED
2. LANDINGS FOR SIDEWALKS RUNNING SLOPE = 1% MIN, 2% MAX
3. RAMPS FOR SIDEWALK RUNNING SLOPE = 8.33% MAX
4. FOR CURB RAMP DETAILS, SEE SPECIAL SHEETS & PAVEMENT MARKING SHEETS
5. FOR ENTRANCE DETAILS, SEE SPECIAL SHEETS
6. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.



STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

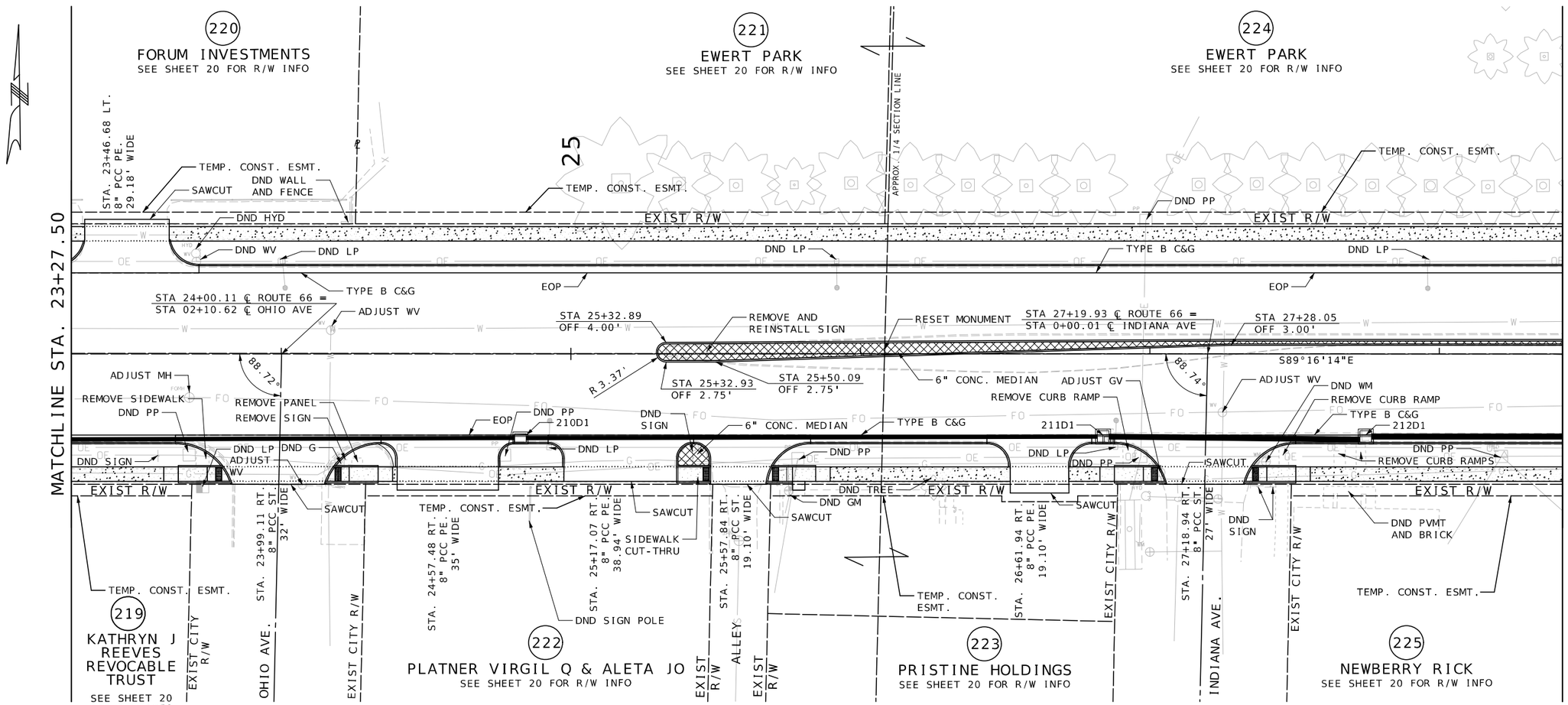
DATE PREPARED 9/30/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 7
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SCALE

0 20 40 60

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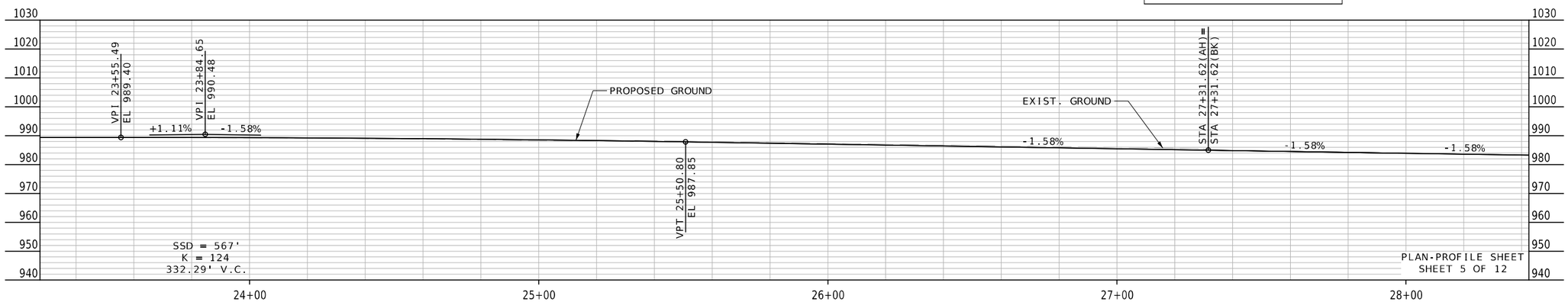
LEGEND

- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN



STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/29/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	8

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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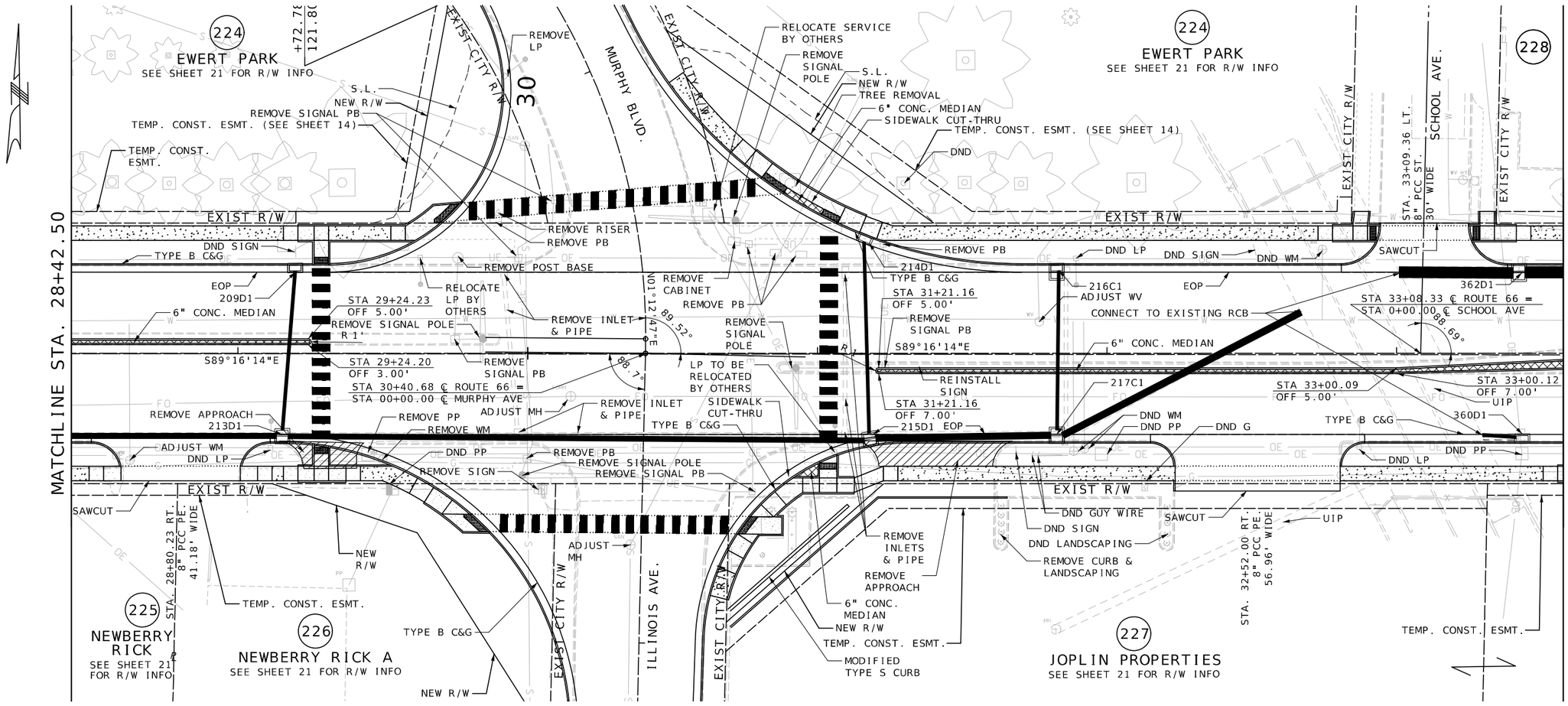

SEE SHEETS 14-15 FOR FULL MURPHY/ILLINOIS PLAN AND PROFILE

GENERAL NOTES:
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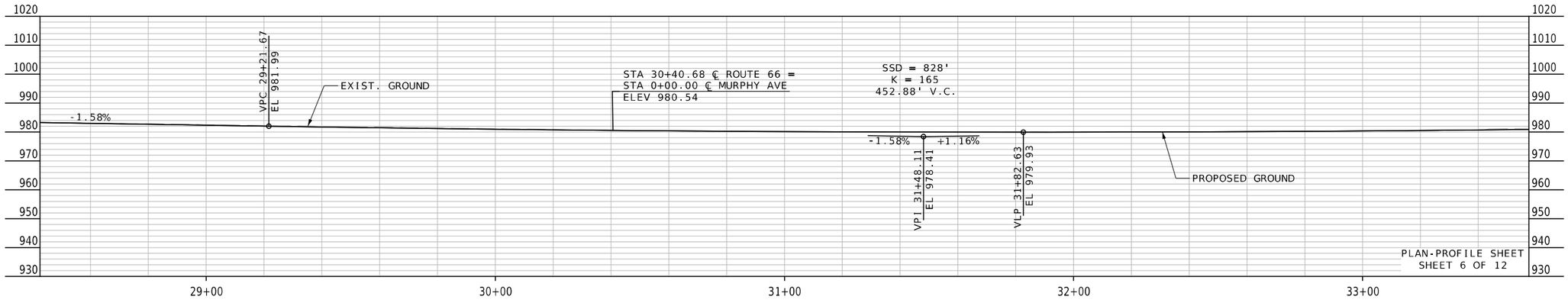

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/3/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 9
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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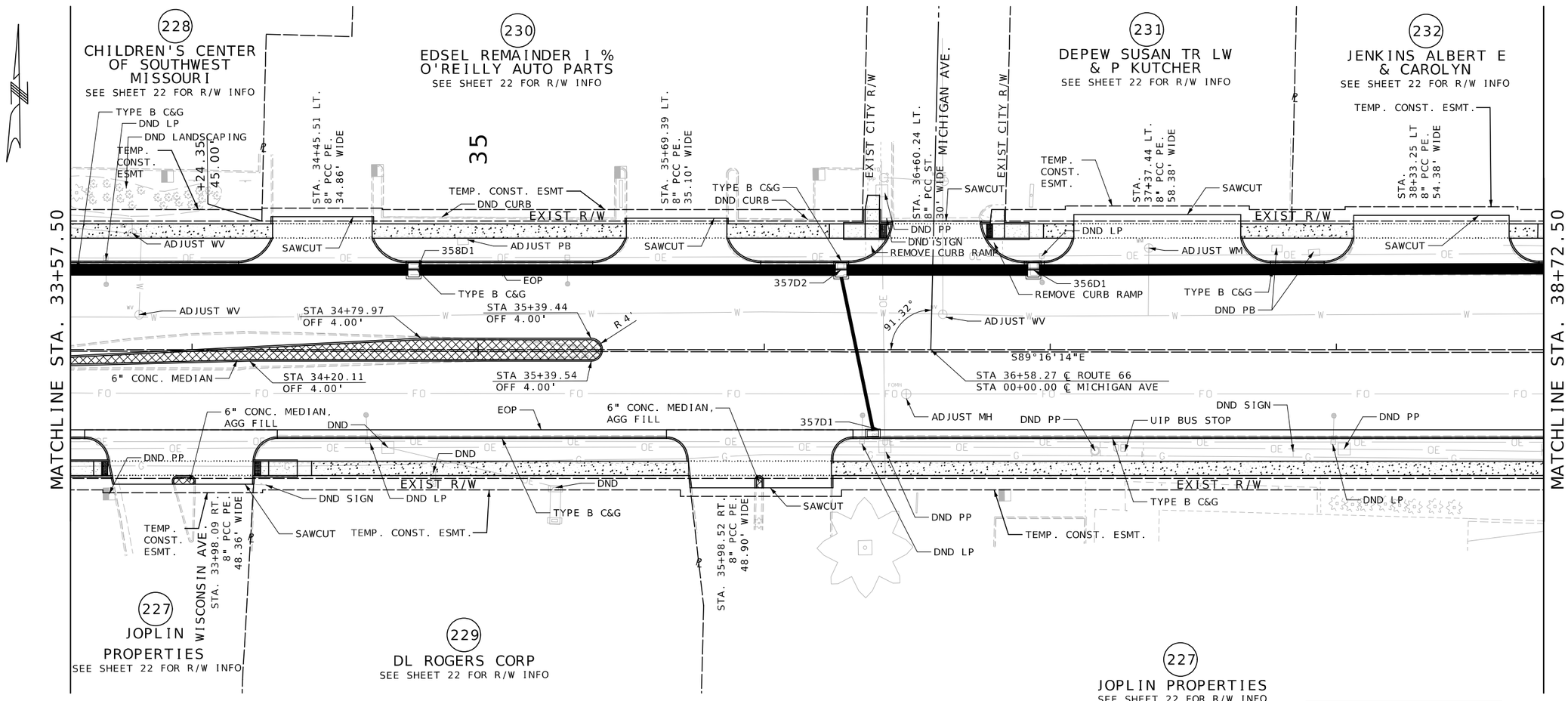

SCALE
0 20 40 60

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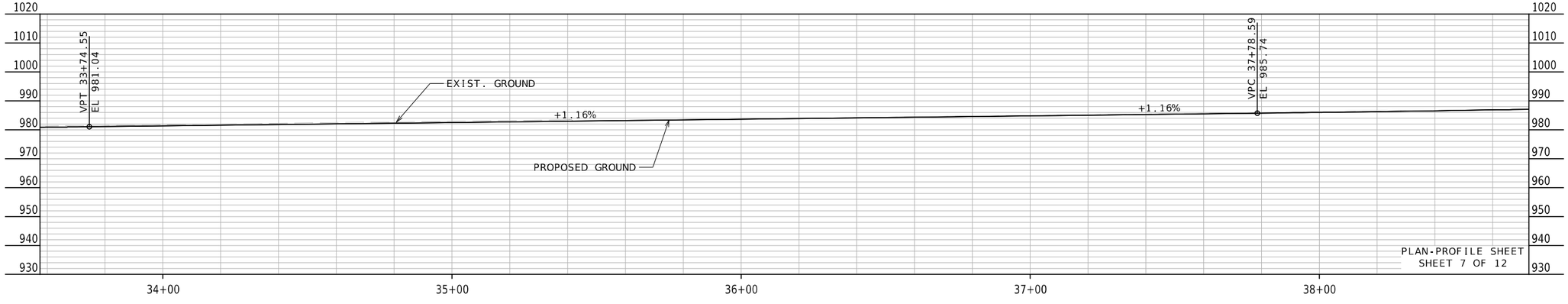
LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN



STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 10
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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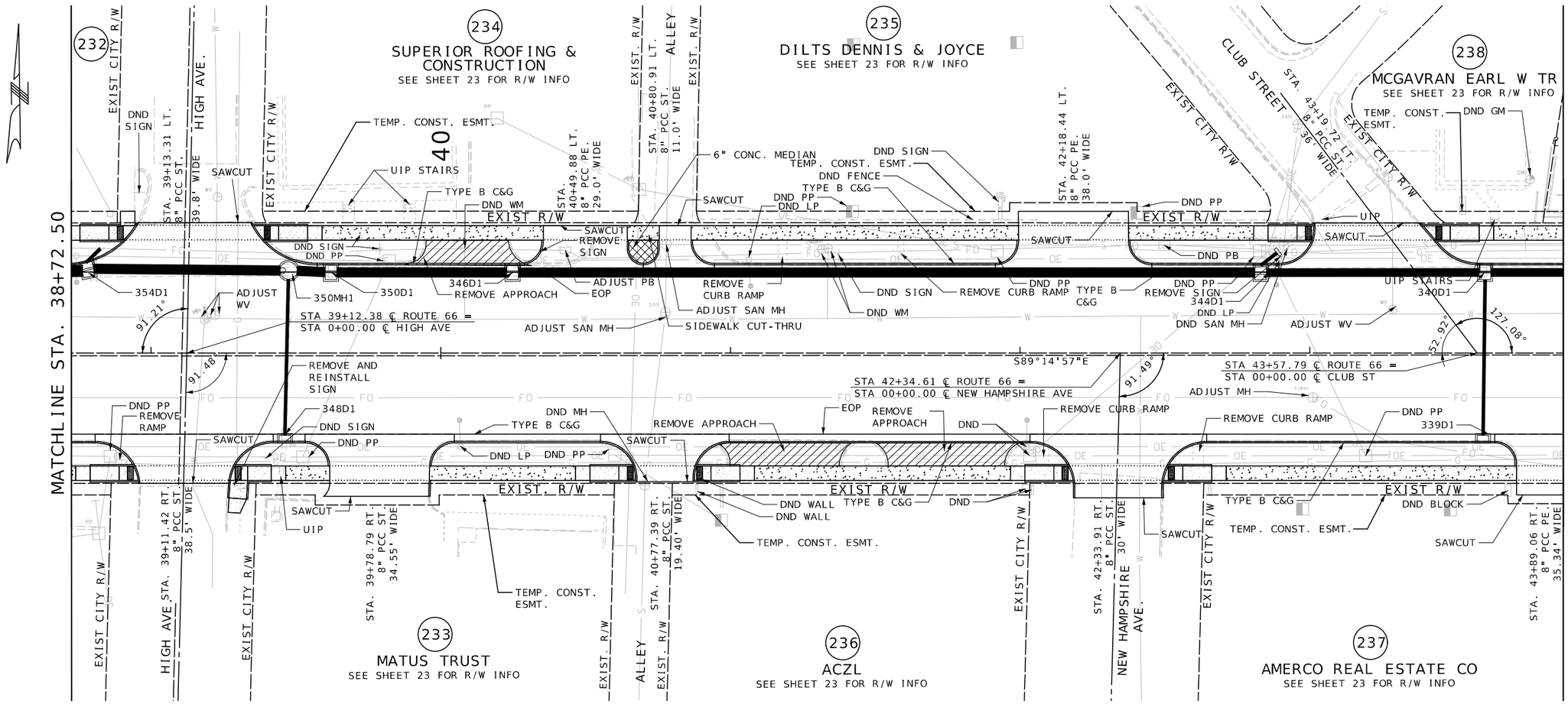

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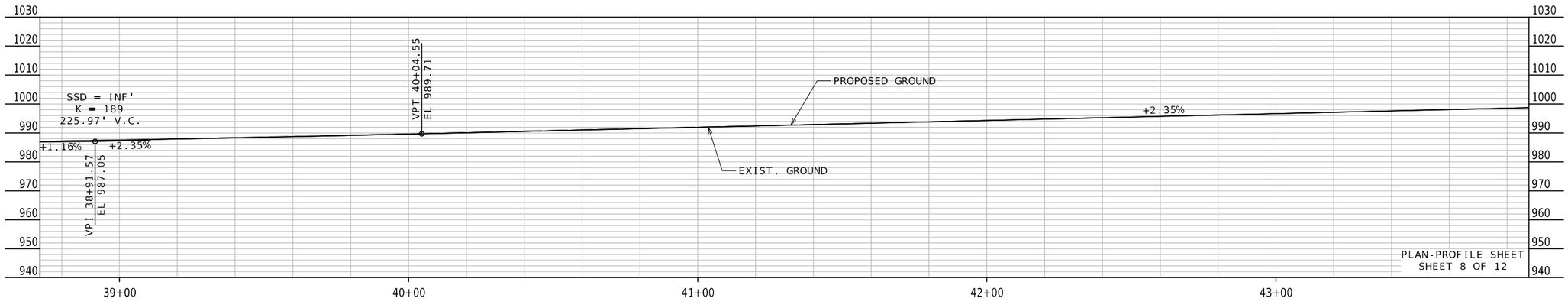
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN



STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 11
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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WWW.BARTLETTWEST.COM

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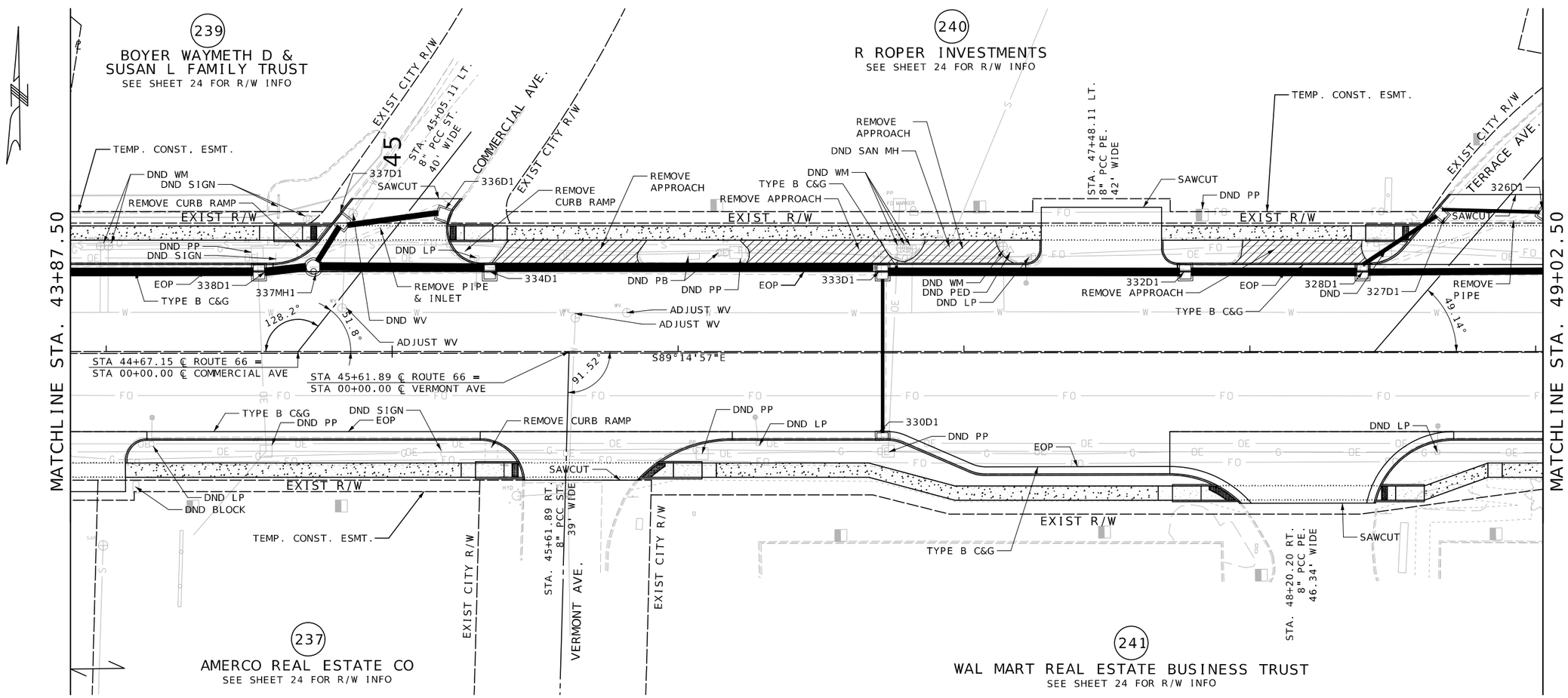

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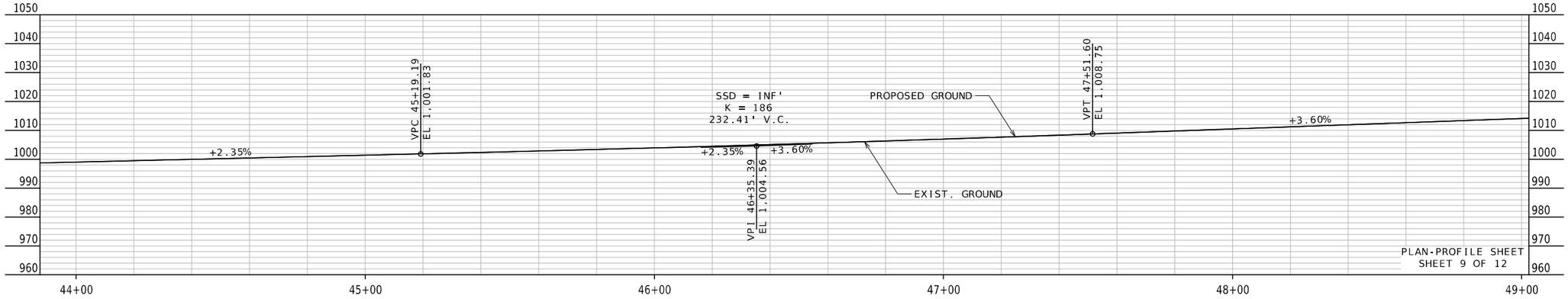
SCALE
0 20 40 60

LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN



PLAN-PROFILE SHEET
SHEET 9 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	8/3/2025
ROUTE 66	STATE MO
DISTRICT SW	SHEET NO. 12
COUNTY	JASPER
JOB NO.	J7S2185D
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

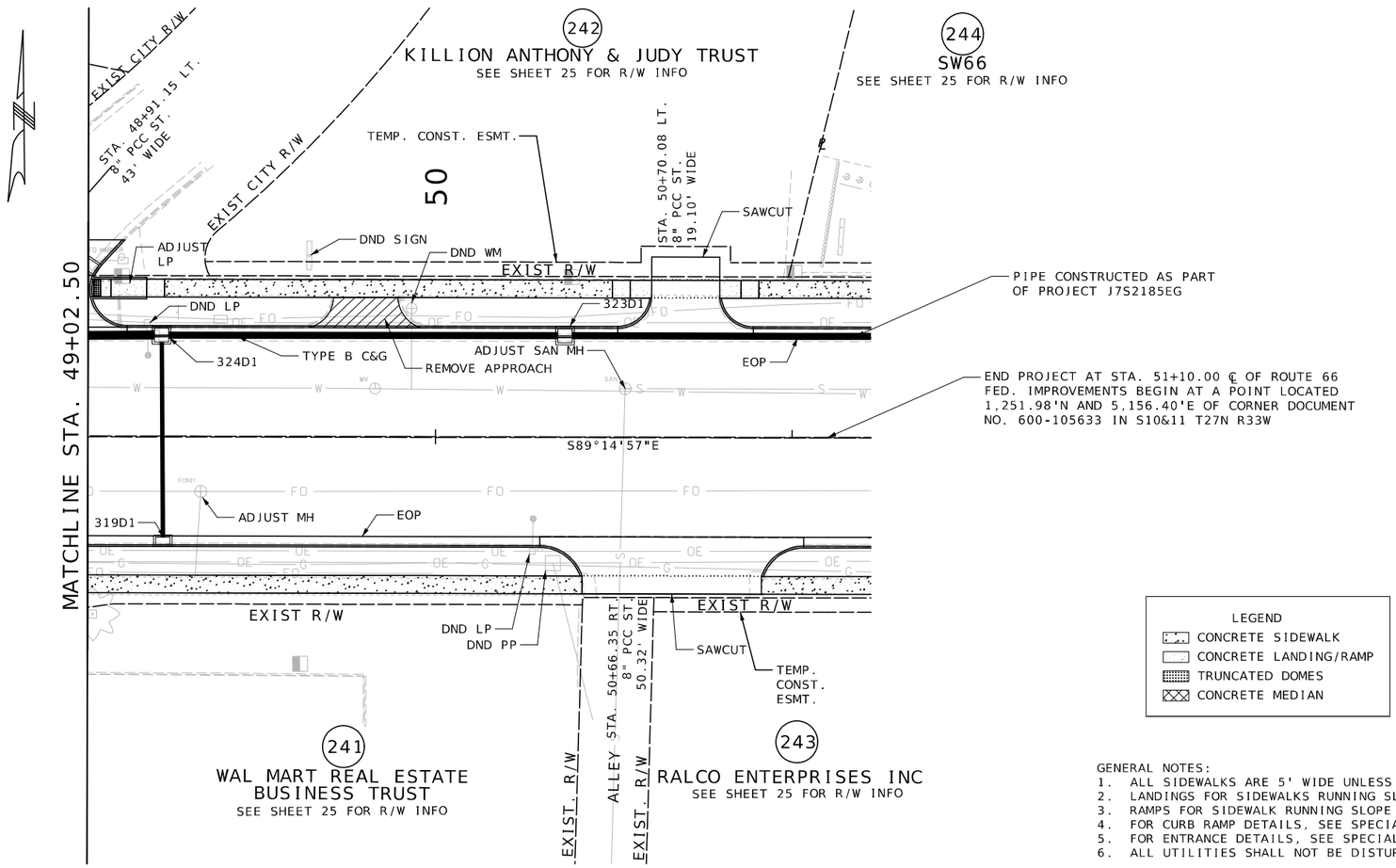
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.900/OpenRoads/plan_sheets/J7S2185D - Final Plans/04 Plan-Profile (PP)/012_PP_09_J7S2185D_I20.dgn 4:49:32 PM 8/3/2025



LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN

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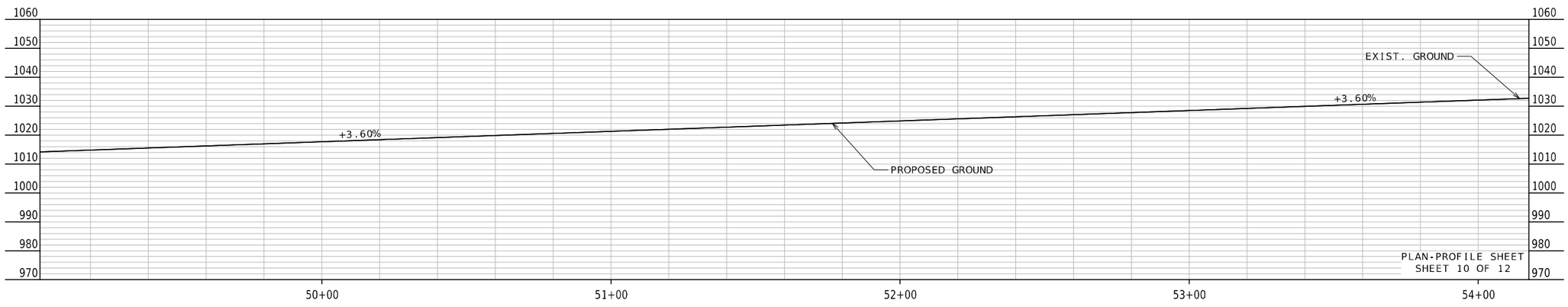
SCALE
0 20 40 60



PLAN-PROFILE SHEET
SHEET 10 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
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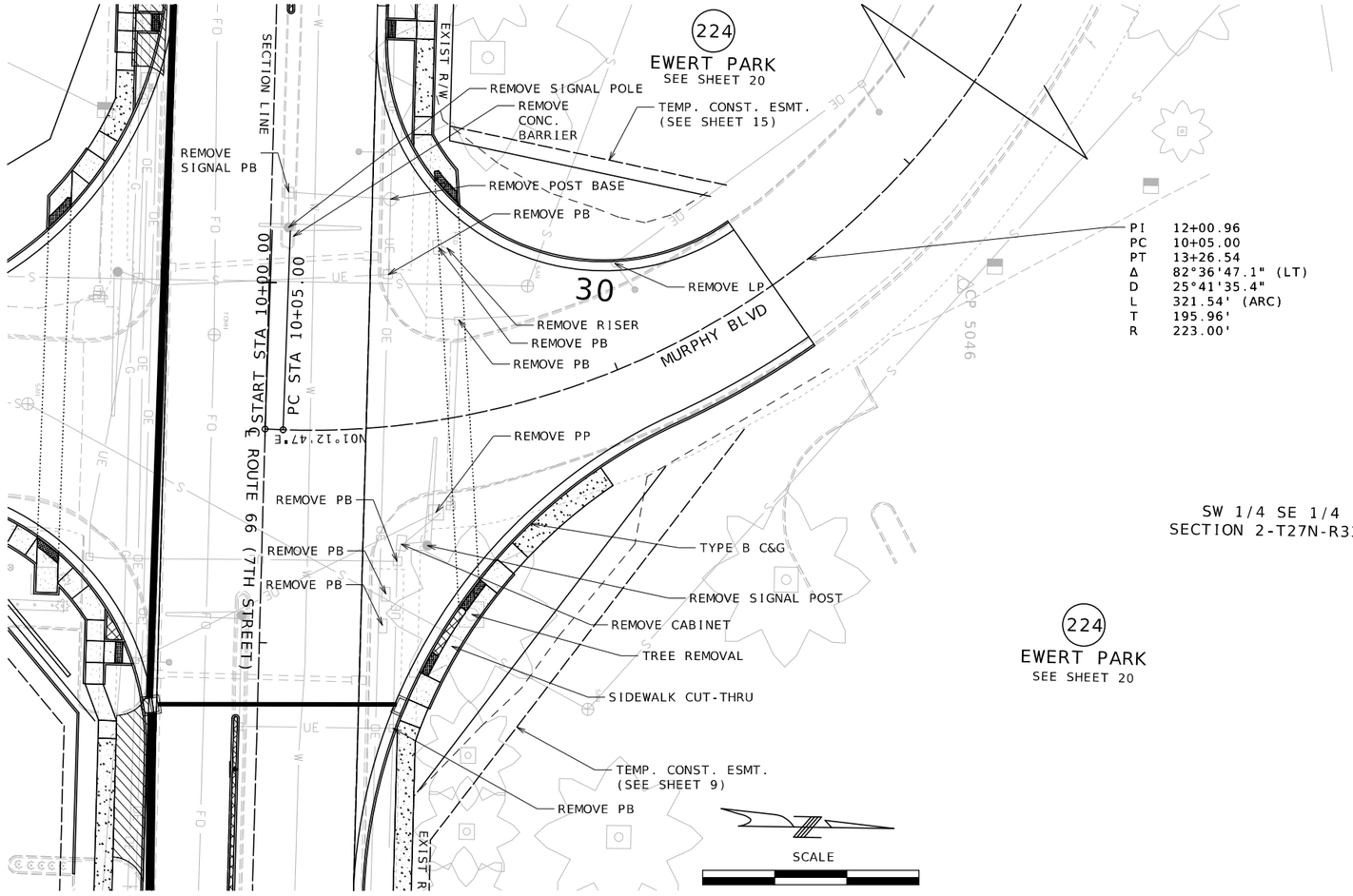

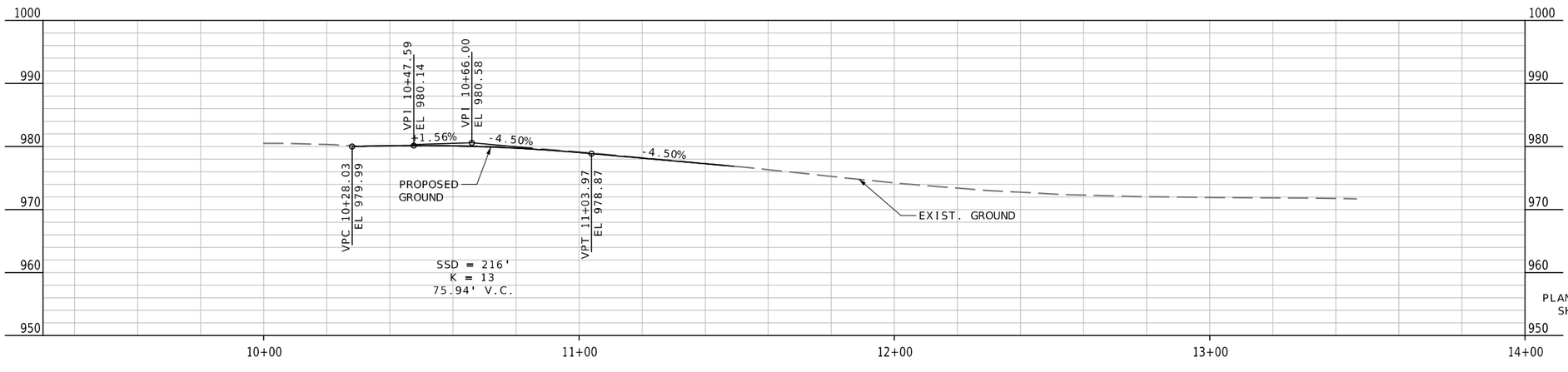

PLAN-PROFILE SHEET
SHEET 11 OF 12

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	14

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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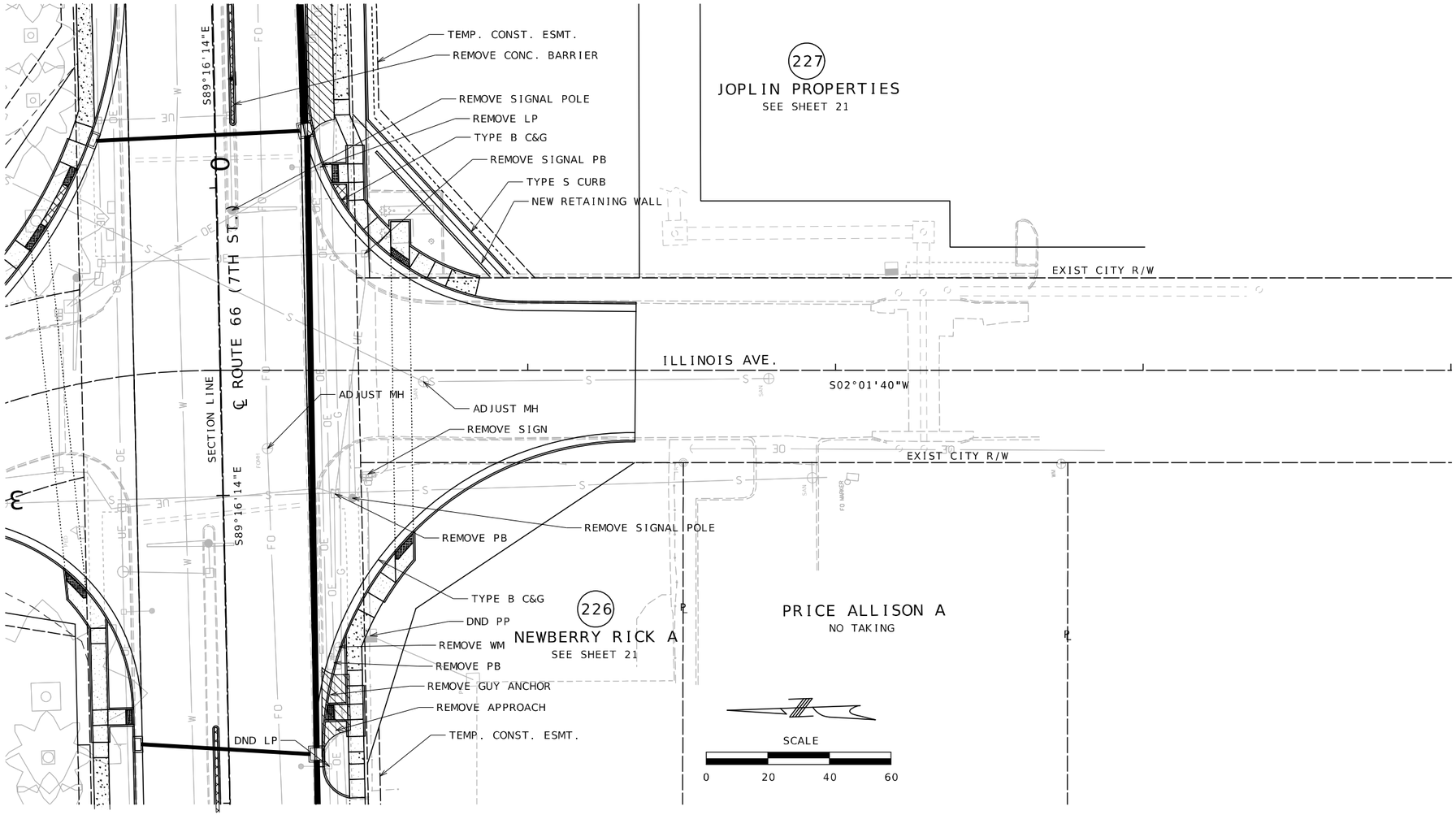

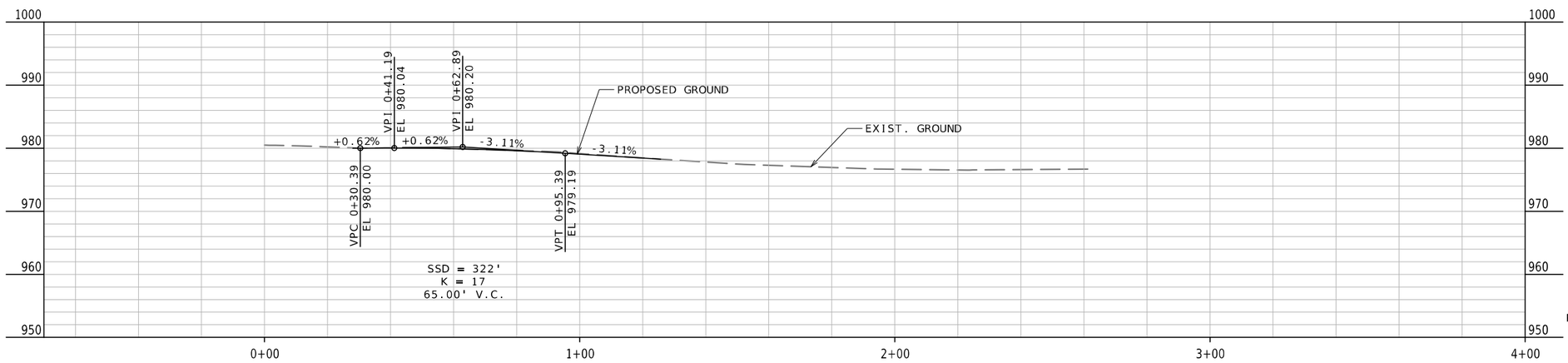

PLAN-PROFILE SHEET
SHEET 12 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/1/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

198
SOUTHWEST MISSOURI DEV ENTERPRISES % CEDAR TREE MANAGEMENT
57 SF NEW R/W
0.58 AC REMAINING

201
CREATIVE INVESTMENTS
24 SF TEMP. CONST. ESM'T
0.42 AC REMAINING

202
JOPLIN CITY
72 SF NEW R/W
1.42 AC REMAINING

199
SEVENTH STAR
113 SF NEW R/W
0.26 AC REMAINING

200
ARVEST BANK
510 SF NEW R/W
911 SF TEMP. CONST. ESM'T
0.70 AC REMAINING

S MAIN ST. N02°12'06"E

VIRGINIA AVE. N02°03'46"E

80' R/W

60' R/W

EXIST CITY R/W

EXIST R/W

NEW R/W

TEMP CONST ESMT

TEMP. CONST. ESMT.

+46.96 55.00'
+47.03 68.55'
EXIST CITY R/W
+51.21
+51.20 68.54'
55.00'

+31.28 55.00'
+31.29 60.00'
EXIST CITY R/W
+36.10 60.00'
+36.09 55.00'

+65.35 55.00'
+80.12 55.00'
+80.13 64.79'
EXIST CITY R/W
+10.12 55.00'
+10.14 80.05'

305

S2 T27N R33W

POT STA 305+27.30

POT STA 305+27.30

89.91°

90.04°

SECTION LINE
S87°53'20"E

℄ ROUTE 66 (7TH STREET)
S87°58'35"E

MATCHLINE STA. 308+15.00

+45.29 30.00'
+51.07 30.00'
NEW R/W
+45.33 49.75'
EXIST CITY R/W
+51.03 49.76'

+30.98 42.49'
NEW R/W
+31.02 30.00'
+60.92 36.65'
+60.90 34.75'
+60.86 30.00'

+52.70 30.00'
+52.70 34.75'
+80.08 30.00'
+75.08 34.75'
+75.07 53.57'
NEW R/W
+80.07 53.57'
EXIST CITY R/W

SECTION 10-T27N-R33W
SECTION 11-T27N-R33W

S11 T27N R33W

OUTDOOR ADVERTISING EASEMENT
BOOK 1548, PAGE 2035

10' ELECTRIC EASEMENT
BOOK 1548, PAGE 2039

ENCROACHMENT AGREEMENT
BOOK 1888, PAGE 1875

CERTIFIED LAND CORNER

THE COMMON CORNER TO SECTIONS 2, 3, 10 AND 11-T27N-R33W IS LOCATED 349.89' N88°05'26"W OF STA 304+00.00 AS SHOWN IN THE CORNER DOCUMENT NO. 600-105403

SCALE
0 20 40 60

NOTES:
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RIGHT OF WAY
SHEET 1 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

MATCHLINE STA. 308+15.00

MATCHLINE STA. 6+68.25

203

PAGE 7 PROPERTIES
NO ACQUISTION

S2 T27N R33W

EXIST CITY R/W

EXIST R/W

+65.19
55.00'

+75.09
55.00'

+00.09
80.00'

+30.09
79.98'

+30.06
41.57'

PENNSYLVANIA AVE.
S02°01'52"W

60' R/W

207

IVEY PAMELA S
170 SF NEW R/W
69 SF TEMP. CONST. ESM'T
0.11 AC REMAINING

+11.13
36.66'

+10.98
30.00'

NEW R/W

+36.68
36.59'

+36.67
33.59'

+36.66
30.00'

208

PAR-LEE INVESTMENTS
693 SF TEMP. CONST. ESM'T
0.76 AC REMAINING

+56.11
33.54'

+56.03
30.00'

+79.43
33.48'-37.98'

+15.23
33.39'-37.89'

TEMP. CONST. ESMT.

+54.46
33.30'

EXIST R/W

310

55' R/W

SECTION LINE

℄ ROUTE 66 (7TH STREET)
S87°58'35"E

S89°14'57"E

EQUATION:
STA 311+61.75 BK =
STA 5+00.00

89.96°

POT STA 311+49.75

30' R/W

EXIST R/W

EXIST R/W

EXIST R/W

NEW R/W

+46.12
34.75'

+40.08
30.00'

+69.85
34.75'-30.00

+05.99
40.00'-34.75'

TEMP. CONST. ESMT.

+59.99
40.00'-30.00'

EXIST CITY R/W

+40.07
48.58'

EXIST CITY R/W

+45.74
48.74'

60' R/W

204

CEDAR RIDGE INVESTMENTS
223 SF NEW R/W
712 SF TEMP. CONST. ESM'T
0.80 AC REMAINING

EXIST CITY R/W

+79.99
40.00'-30.00'

+33.99
40.00'-34.75'

EASEMENT FOR
EAVES AND GUTTERING
BOOK 1140, PAGE 2447

NEW R/W

+75.33
34.75'-30.00'

+75.33
39.22'

TEMP.
CONST.
ESMT.

S11 T27N R33W

205

CEDAR RIDGE INVESTMENTS
303 SF NEW R/W
736 SF TEMP. CONST. ESM'T
0.40 AC REMAINING

+00.03
30.00'

+94.04

39.33'-51.75'

+00.03
51.54'

EXIST CITY R/W

60' R/W

PENNSYLVANIA AVE.
S02°01'52"W

+08.79
67.26'

EXIST CITY R/W

+10.17
67.29'

+10.46
53.95'

+17.06
46.82'

NEW R/W

+09.35
42.22'

+19.27
44.43'

+43.64
44.97'-42.97'

EXIST R/W

TEMP. CONST. ESMT.

S11 T27N R33W

206

SALVATION ARMY
142 SF NEW R/W
1,070 SF TEMP. CONST. ESM'T
1.56 AC REMAINING

SCALE
0 20 40 60

RIGHT OF WAY
SHEET 2 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

MATCHLINE STA. 6+68.25

208
PAR-LEE INVESTMENTS
SEE SHEET 17

TEMP. CONST. ESMT.
(TO EXISTING STORE FRONT)

EXISTING R/W

+15.37
31.94'

+15.35
31.27'

+71.29
30.00'

EXIST CITY R/W

60' R/W

KENTUCKY AVE.
S01°33'13"W

EXIST CITY R/W

+31.31
30.00'

88.77°

SECTION LINE

40' R/W

50' R/W

209
CB ASSET MANAGEMENT
179 SF TEMP. CONST. ESM'T
0.87 AC REMAINING

20' INGRESS/EGRESS EASEMENT
BOOK 1597, PAGE 1920

+31.83
54.36'

+42.60
43.90'

TEMP. CONST.
ESMT.

+46.62
40.00'

+79.22
44.11'

+98.26
40.00'

S2 T27N R33W

210
4 STATE HOLDINGS
NO ACQUISITION

SIGN LOCATION EASEMENT
BOOK 1983, PAGE 384

+32.54
40' TO 50'

213
LIFECHOICES
NO ACQUISITION

EXIST R/W

EXIST R/W

℄ ROUTE 66 (7TH STREET) S89°14'57"E

106.5' R/W

SEE BRIDGE PLANS
STA. 10+94.02 - STA 20+48.75

EXIST R/W

TEMP. CONST.
ESMT.

+69.18
52.42'

+69.28
47.94'

206
SALVATION ARMY
SEE SHEET 17

EXIST CITY R/W

60' R/W

KENTUCKY AVE.
S01°33'13"W

+29.27
49.26'

EXIST CITY R/W

+29.17
53.76'

EXIST R/W

TEMP CONST
ESMT

+90.08
55.11'

+90.00
58.86'

211
JOPLIN DOWNTOWN PROPERTIES
712 SF TEMP. CONST. ESM'T
0.56 AC REMAINING

+35.49
56.12'

+35.40
59.87'

+49.14
56.42'

EXIST CITY R/W

EXIST CITY R/W

+49.24
51.90'

+59.24
52.12'

S11 T27N R33W

212
PAR-LEE INVESTMENTS
NO ACQUISITION

10' DRAINAGE EASEMENT
BOOK 1569, PAGE 1450

EXIST R/W

+70.31
54.56'

EXIST CITY R/W

GRAND AVE.

EXIST CITY R/W

+50.29
56.32'

214
GARVIN GARY
& KAREN S
NO ACQUISITION

SCALE
0 20 40 60

RIGHT OF WAY
SHEET 3 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

NO.	DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE BRIDGE PLANS
STA. 10+94.02 - STA 20+48.75

MATCHLINE STA. 23+27.50

20

215
JORDAN BRIAN K
NO ACQUISITION

216
JORDAN BRIAN K
NO ACQUISITION

217
BROWNFIELD CRISTY W & KAREN D
785 SF TEMP. CONST. ESM'T
1.04 AC REMAINING

218
UNITY MISSIONARY BAPTIST CHURCH
577 SF TEMP. CONST. ESM'T
0.23 AC REMAINING

219
KATHRYN J REEVES REVOCABLE TRUST
360 SF TEMP. CONST. ESM'T
0.35 AC REMAINING

220
FORUM INVESTMENTS
676 SF TEMP. CONST. ESM'T
0.72 AC REMAINING

MINNESOTA AVE.
N01°31'03"E
60' R/W
EXIST CITY R/W
+52.26
50.00'
+80.79
50.00'
+80.72
45.00'
+12.27
49.00'
+12.24
45.00'
TEMP. CONST. ESMT.
EXIST R/W
+56.66
49.00'
+56.55
45.00'
TEMP. CONST. ESMT.
50' R/W
45' R/W
90.77°
91.29°
S89°14'57"E
℄ ROUTE 66 (7TH STREET)
EXIST R/W
TEMP. CONST. ESMT.
+49.10
45.00'
EXIST CITY R/W
+09.10
45.00'
+09.01
49.00'
EXIST CITY R/W
+20.65
49.00'-52.00'
+55.71
52.00'-49.00'
+79.11
45.00'
+79.02
49.00'
TEMP. CONST. ESMT.
ELECTRIC EASEMENT
BOOK 2178, PAGE 715
60' R/W
MINNESOTA AVE.
S02°00'58"W

SCALE
0 20 40 60

RIGHT OF WAY
SHEET 4 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/30/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 19
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

220
FORUM INVESTMENTS
SEE SHEET 19

221
EWERT PARK
732 SF TEMP. CONST. ESM'T
1.79 AC REMAINING

224
EWERT PARK
4,567 SF NEW R/W
3,535 SF TEMP. CONST. ESM'T
10.86 AC REMAINING

MATCHLINE STA. 23+27.50

MATCHLINE STA. 28+42.50

℄ ROUTE 66 (7TH STREET)

S89°16'14"E

91.28°

91.26°

45' R/W

45' R/W

TEMP. CONST. ESMT.

+25.67 49.00' +25.58 45.00'

+08.45 45.00' +08.56 49.00'

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

EXIST CITY R/W

EXIST CITY R/W

EXIST CITY R/W

EXIST R/W

EXIST R/W

TEMP. CONST. ESMT.

TEMP. CONST. ESMT.

TEMP. CONST. ESMT.

TEMP. CONST. ESMT.

TEMP. CONST. ESMT.

ELECTRIC EASEMENT
BOOK 2178, PAGE 715

+69.09 45.00' +69.00 49.00'

+29.11 45.00' +29.02 49.00'

+49.04 45.00' +48.94 49.00'

+68.95 49.00' +69.04 45.00'

+48.83 49.00' +48.86 51.00'

+75.11 51.00' +75.08 49.00'

+88.80 49.00' +88.89 45.00'

+48.82 49.00' +48.90 45.00'

219
KATHRYN J REEVES REVOCABLE
SEE SHEET 19

222
PLATNER VIRGIL Q & ALETA JO
480 SF TEMP. CONST. ESM'T
0.67 AC REMAINING

223
PRISTINE HOLDINGS
532 SF TEMP. CONST. ESM'T
0.11 AC REMAINING

225
NEWBERRY RICK
521 SF TEMP. CONST. ESM'T
0.45 AC REMAINING

OHIO AVE.
N02°00'30"E

INDIANA AVE.
S01°59'25"W

SCALE
0 20 40 60

RIGHT OF WAY
SHEET 5 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

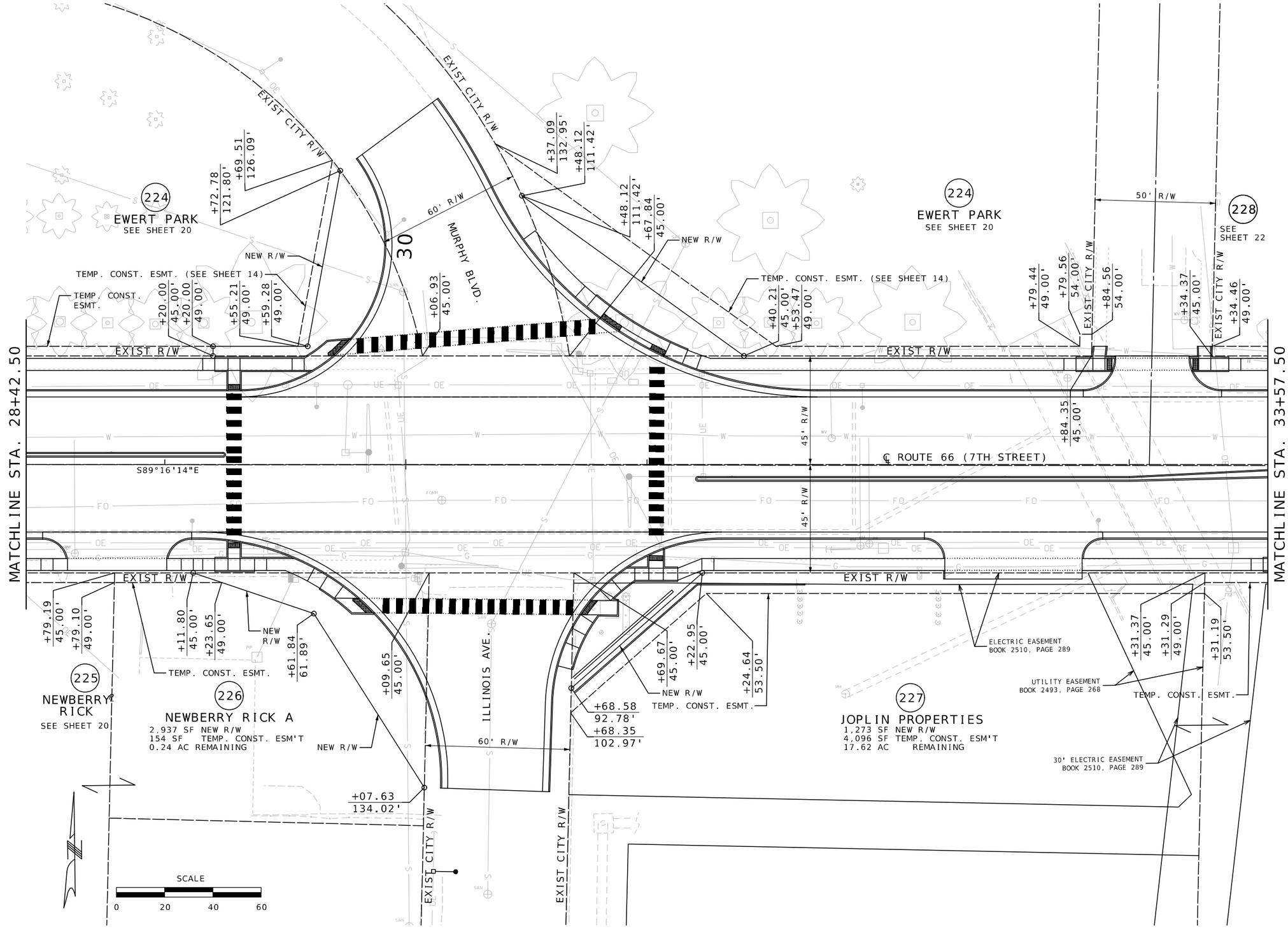
DATE PREPARED 9/29/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 20
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



RIGHT OF WAY
SHEET 6 OF 10

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	21

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

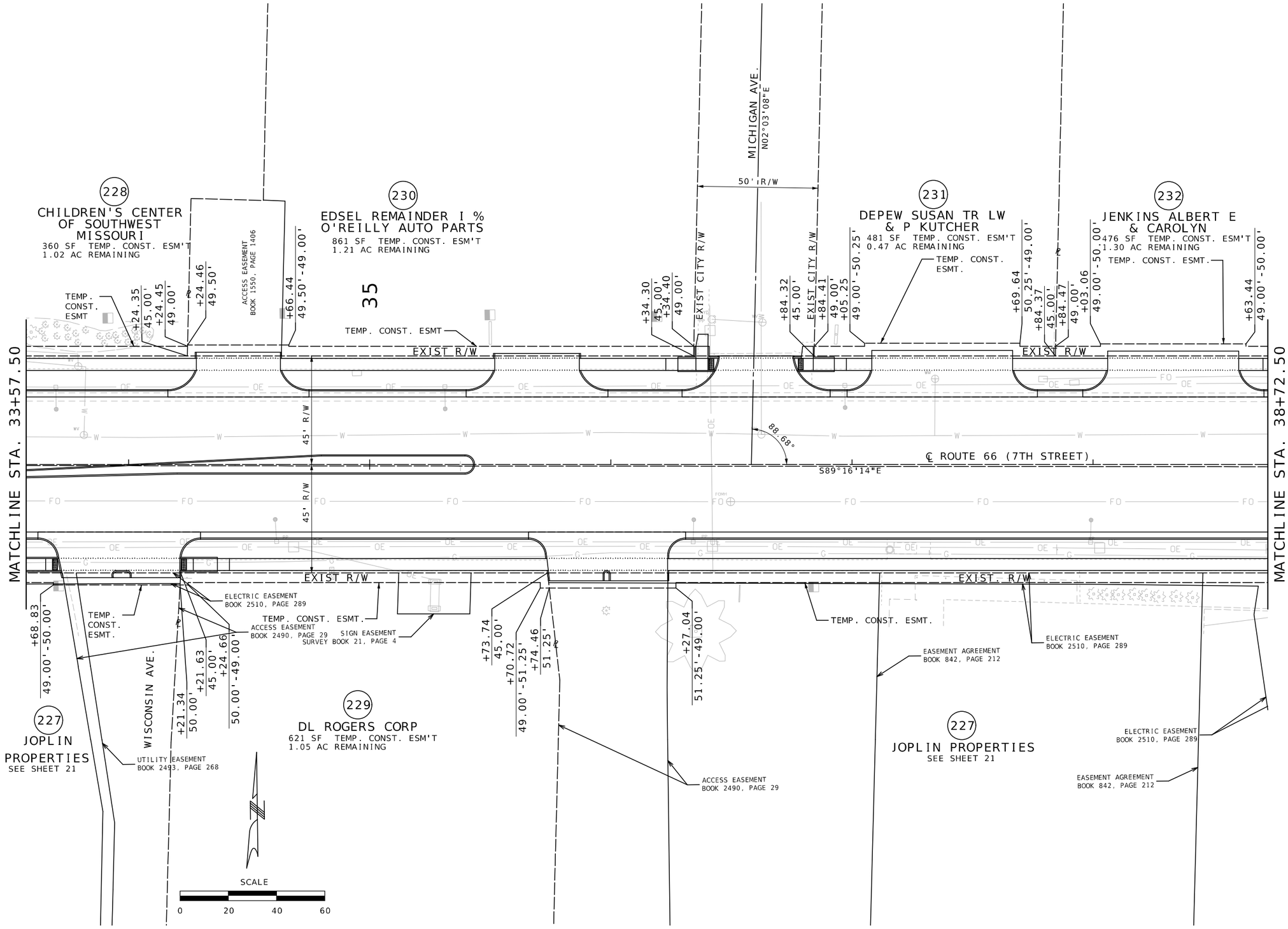
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



RIGHT OF WAY
SHEET 7 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	22

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

MATCHLINE STA. 38+72.50

232

50' R/W

EXIST CITY R/W

HIGH AVE.
N01°56'31"E

+88.41
49.00'
EXIST CITY R/W
+88.32
45.00'

+39.76
45.00'
+38.47
49.00'
EXIST CITY R/W

234
SUPERIOR ROOFING & CONSTRUCTION
515 SF TEMP. CONST. ESM'T
0.26 AC REMAINING

TEMP. CONST. ESMT.

40

+66.87
45.00'
+68.16
49.00'
EXIST. R/W

EXIST. R/W

235
DILTS DENNIS & JOYCE
921 SF TEMP. ESM'T
0.47 AC REMAINING

+88.27
49.00'
+89.56
45.00'

TEMP. CONST. ESMT.

+96.43
49.00'

+96.42
52.00'

+40.42
52.00'

+40.43
49.00'

40' R/W

EXIST CITY R/W

+85.08
45.00'

+86.37
49.00'
N36°19'36"W

CLUB ST

238
MCGAVRAN EARL W TR.
146 SF TEMP. CONST. ESM'T
0.11 AC REMAINING

TEMP. CONST. ESMT.

EXIST CITY R/W

+42.36
49.00'
+46.57
45.00'
+80.47
45.00'
+81.09
49.00'

EXIST R/W

EXIST R/W

EXIST R/W

88.81°

45' R/W

℄ ROUTE 66 (7TH STREET)
S89°14'57"E

91.49°

127.08°

45' R/W

MATCHLINE STA. 43+87.50

+86.19
45.00'
+86.08
49.00'

+36.22
45.00'
EXIST CITY R/W
+36.12
49.00'

+56.68
49.00'-52.50'

+99.50
52.50'-49.00'

TEMP. CONST. ESMT.

+59.95
45.00'
+59.86
49.00'

EXIST. R/W

EXIST R/W

EXIST R/W

EXIST R/W

+79.86
49.00'
+79.96
45.00'

TEMP. CONST. ESMT.

EXIST CITY R/W
+03.32
49.00'
+03.43
45.00'

+63.45
45.00'
+63.34
49.00'
EXIST CITY R/W

TEMP. CONST. ESMT.

+68.40
49.00'
+68.41
52.00'

227
JOPLIN PROPERTIES
SEE SHEET 21

50' R/W

EXIST CITY R/W

HIGH AVE.
N02°13'59"E

233
MATUS TRUST
645 SF TEMP. CONST. ESM'T
0.53 AC REMAINING

236
ACZL
494 SF TEMP. CONST. ESM'T
0.24 AC REMAINING

60' R/W

NEW HAMPSHIRE AVE.
S02°14'38"W

237
AMERCO REAL ESTATE CO
1,193 SF TEMP. CONST. ESM'T
2.98 AC REMAINING

SCALE
0 20 40 60

RIGHT OF WAY
SHEET 8 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	23

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SE 1/4 SE 1/4
S2-T27N-R33W

239
BOYER WAYMETH D &
SUSAN L FAMILY TRUST
372 SF TEMP. CONST. ESM'T
0.72 AC REMAINING

240
R ROPER INVESTMENTS
1,502 SF TEMP. CONST. ESM'T
1.09 AC REMAINING

237
AMERCO REAL ESTATE CO
SEE SHEET 23

241
WAL MART REAL ESTATE BUSINESS TRUST
NO ACQUISITION

MATCHLINE STA. 43+87.50

MATCHLINE STA. 49+02.50

TEMP. CONST. ESMT.
+71.46
45.00'
+75.80
49.00'
EXIST CITY R/W
45
COMMERCIAL AVE.
S38°57'03"W
50' R/W
EXIST CITY R/W
+39.97
49.00'
+41.26
45.00'
ELECTRIC EASEMENT
BOOK 2459, PAGE 153
+24.09
49.00'-53.50'
+72.14
53.50'-49.00'
TEMP. CONST. ESMT.
+60.75
45.00'
+63.24
49.00'
EXIST CITY R/W
TERRACE AVE.

EXIST R/W
EXIST. R/W
EXIST R/W

51.8°
49.14°
45' R/W
℄ ROUTE 66 (7TH STREET)
S89°14'57"E
88.48°
50' R/W

EXIST R/W
TEMP. CONST. ESMT.
+09.75
52.00'
+09.74
49.00'
+30.69
45.00'
EXIST CITY R/W
+30.58
49.00'
VERMONT AVE.
S02°16'03"W
+90.57
50.12'
EXIST CITY R/W
+90.71
45.00'
+68.10
50.12'
+94.86
56.85'
EXIST R/W
+38.86
56.85'

60' R/W
10' UTILITY EASEMENT
PER PLAT

SCALE
0 20 40 60

RIGHT OF WAY
SHEET 9 OF 10

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	24

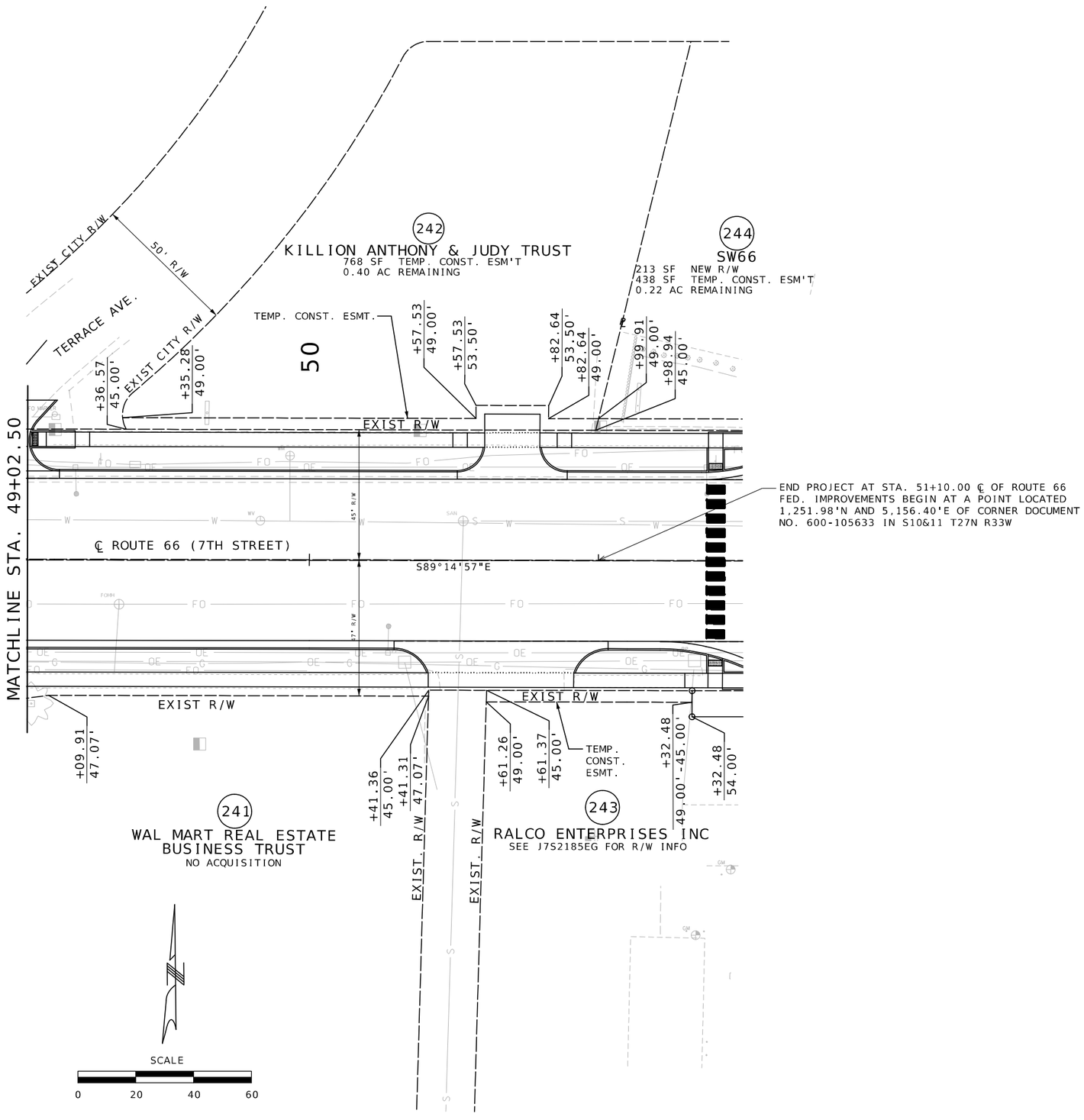
COUNTY
JASPER
JOB NO.
J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



RIGHT OF WAY
SHEET 10 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	25

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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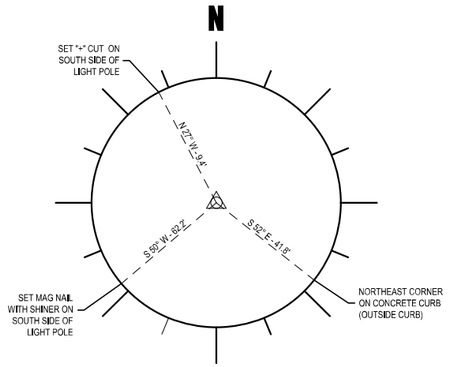
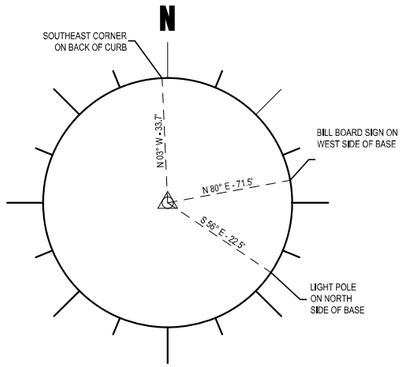
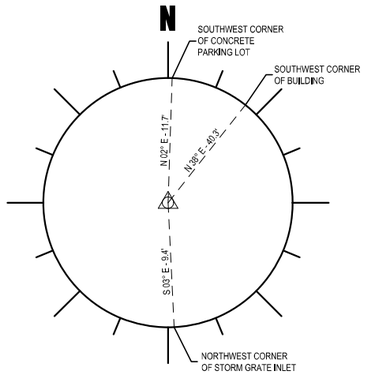


CP#5046 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 980.99
NORTHING: 334153.0073
EASTING: 2788218.8427



CP#5050 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 990.91
NORTHING: 334028.3937
EASTING: 2786153.7548



CP#5021- SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1055.87
NORTHING: 333993.4008
EASTING: 2791133.0582

REFERENCE POINTS
SHEET 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/3/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 26
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	STATE PLANE, MISSOURI CENTRAL
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD 1988
GEOID MODEL	JASPER COUNTY
ELEVATIONS DETERMINED BY	GPS OBSERVATIONS
PROJECT PROJECTION FACTOR	1.00010426

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	NAD 1983
CONTROL STATION	JS 008
DESIGNATION	JS 008
CORS_ID	
PID	HE1217
LATITUDE	37°05'05.64185"
LONGITUDE	94°33'21.85305"
NORTHING (M)	101892.4830
EASTING (M)	845014.9370
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99989575

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #___
N _____.____X _.________ = N _____.___
E _____.____ X _.________ = E _____.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
SP SH 1	29+95.17	RTE 66	192.61 LT	334,153.0073	2,788,218.8427	980.99	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5046
D-P&P SH 3	9+31.82	RTE 66	41.29 LT	334,028.3937	2,786,153.7548	990.91	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5050
EG-P&P SH 2	59+11.54	RTE 66	66.97 LT	333,993.4008	2,791,133.0582	1,055.87	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5021
ALIGNMENTS								
ROUTE 66								
	311+61.75	RTE 66	0.00	333,992.7690	2,785,721.4292	0.00	EQUATION STA BK., P.I.	
	5+00.00	RTE 66	0.00	333,992.7690	2,785,721.4292	0.00	EQUATION STA AHD., P.I.	
	20+80.10	RTE 66	0.00	333,972.0636	2,787,301.3938	0.00	P.I.	
	39+12.38	RTE 66	0.00	333,948.7388	2,789,133.5202	0.00	P.I.	
	52+16.40	RTE 66	0.00	333,931.6490	2,790,437.4336	0.00	P.I.	

COORDINATE POINT SHEET
SHEET 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	27

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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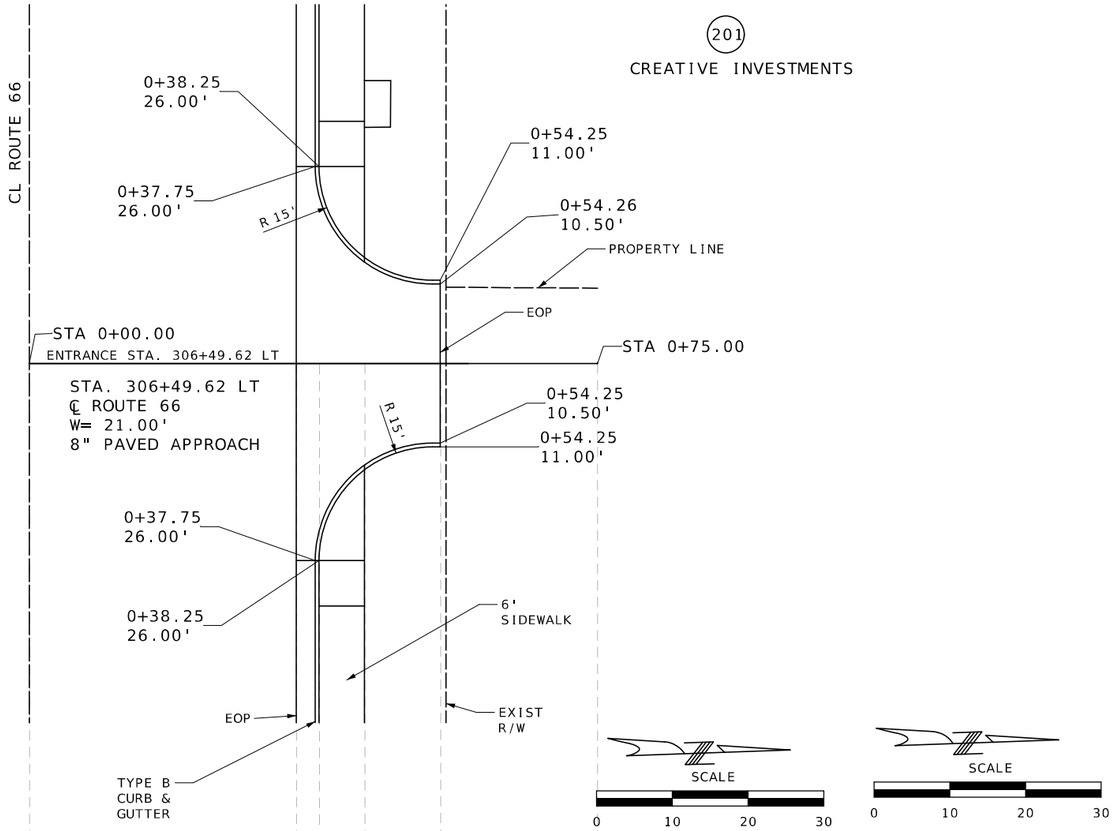

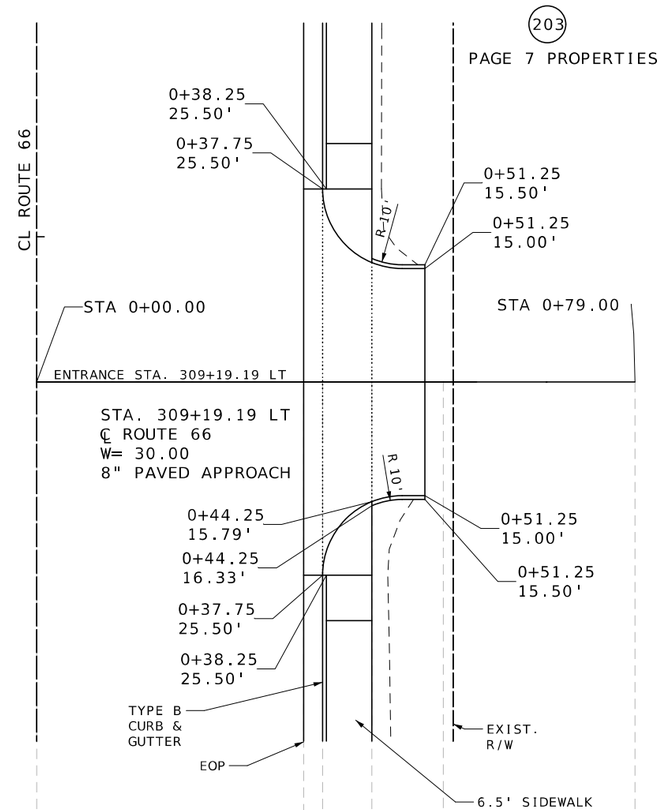

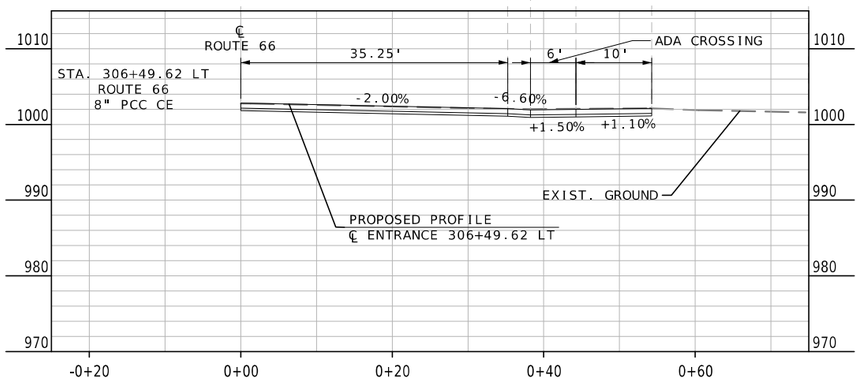

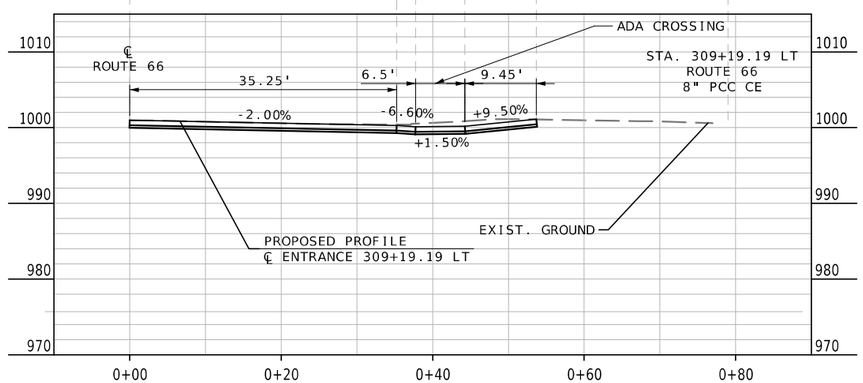

SPECIAL SHEET
ENTRANCES
SHEET 1 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	28

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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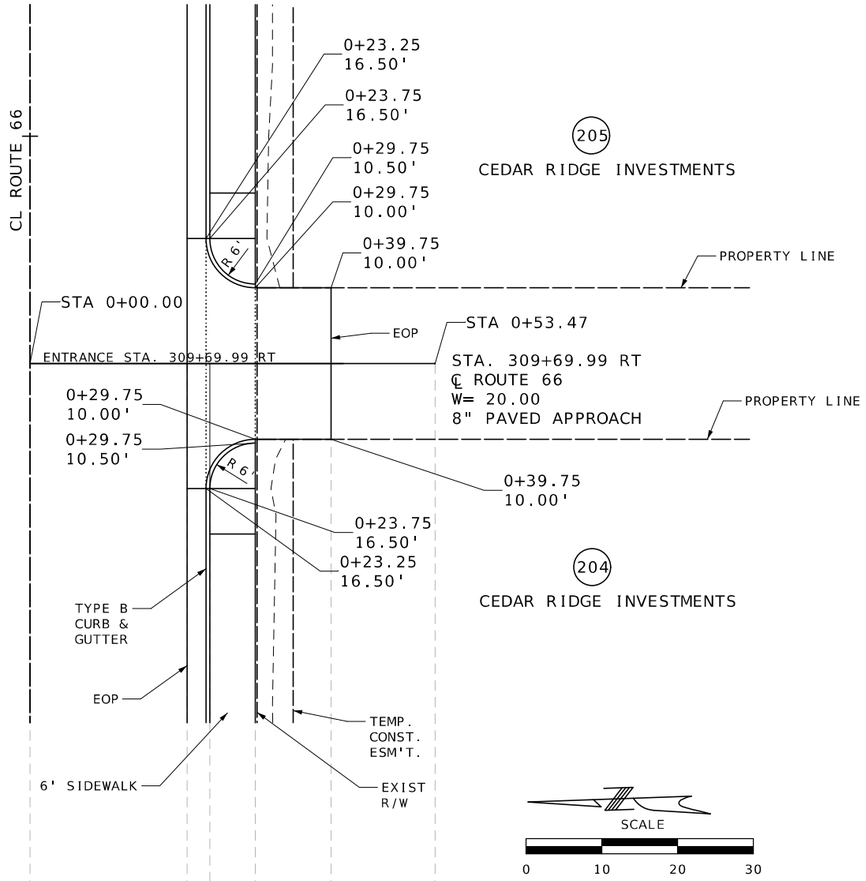
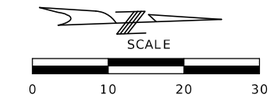
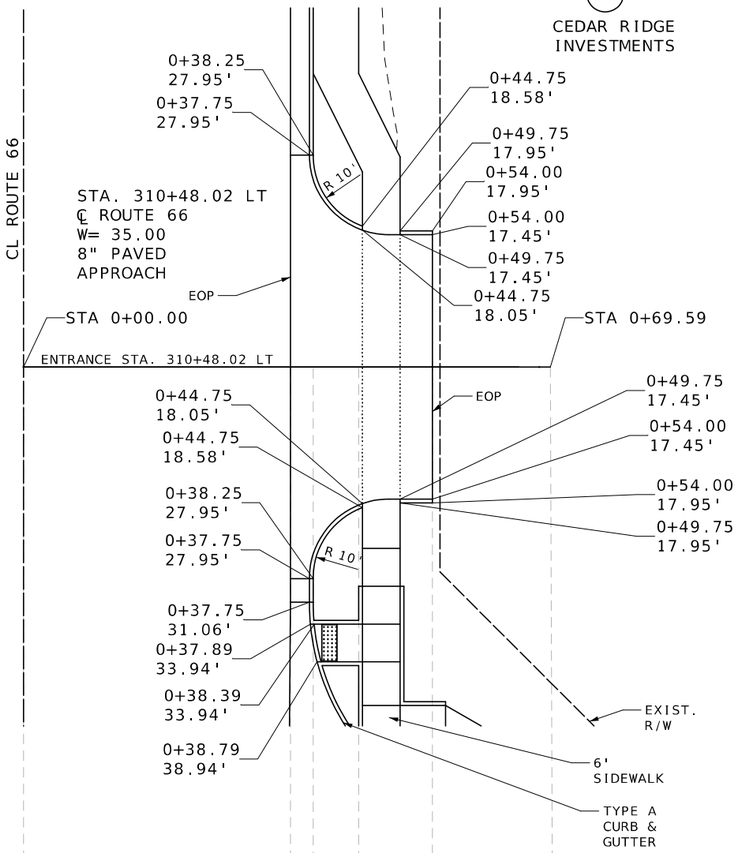
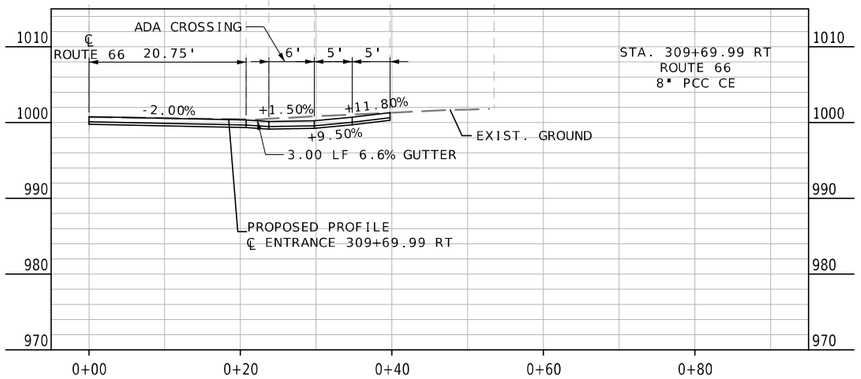
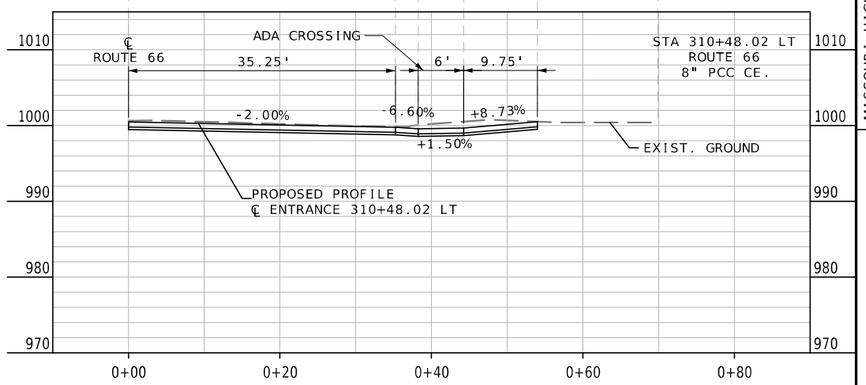










SPECIAL SHEET
ENTRANCES
SHEET 2 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	29

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

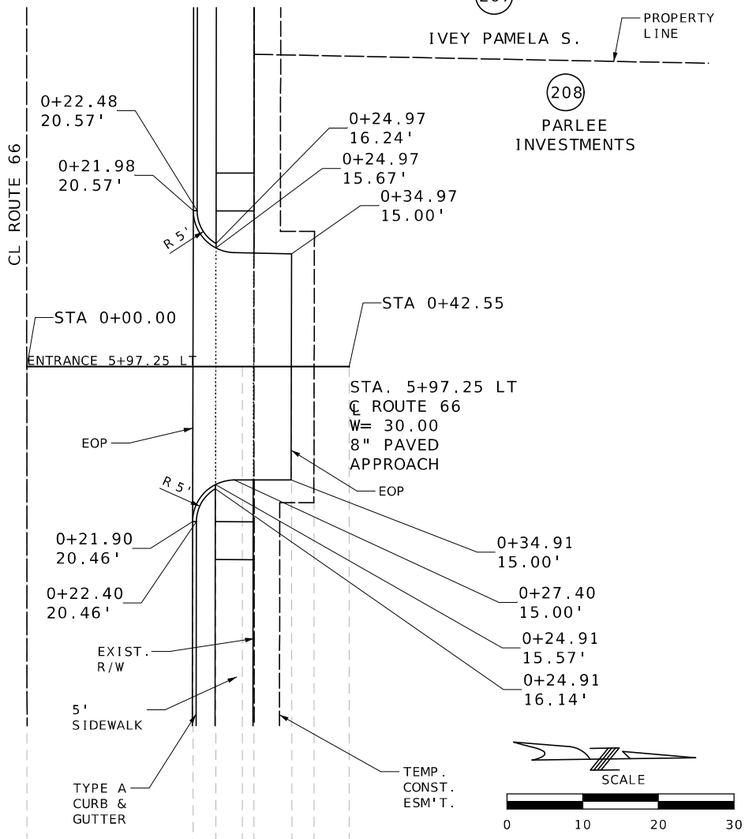
BRIDGE NO.

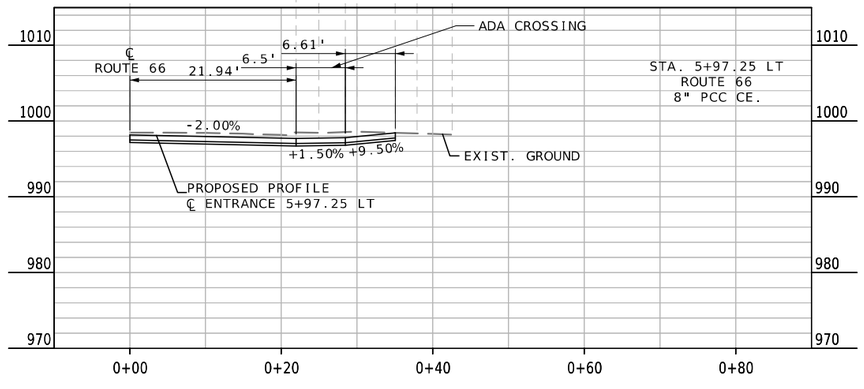
DATE	DESCRIPTION

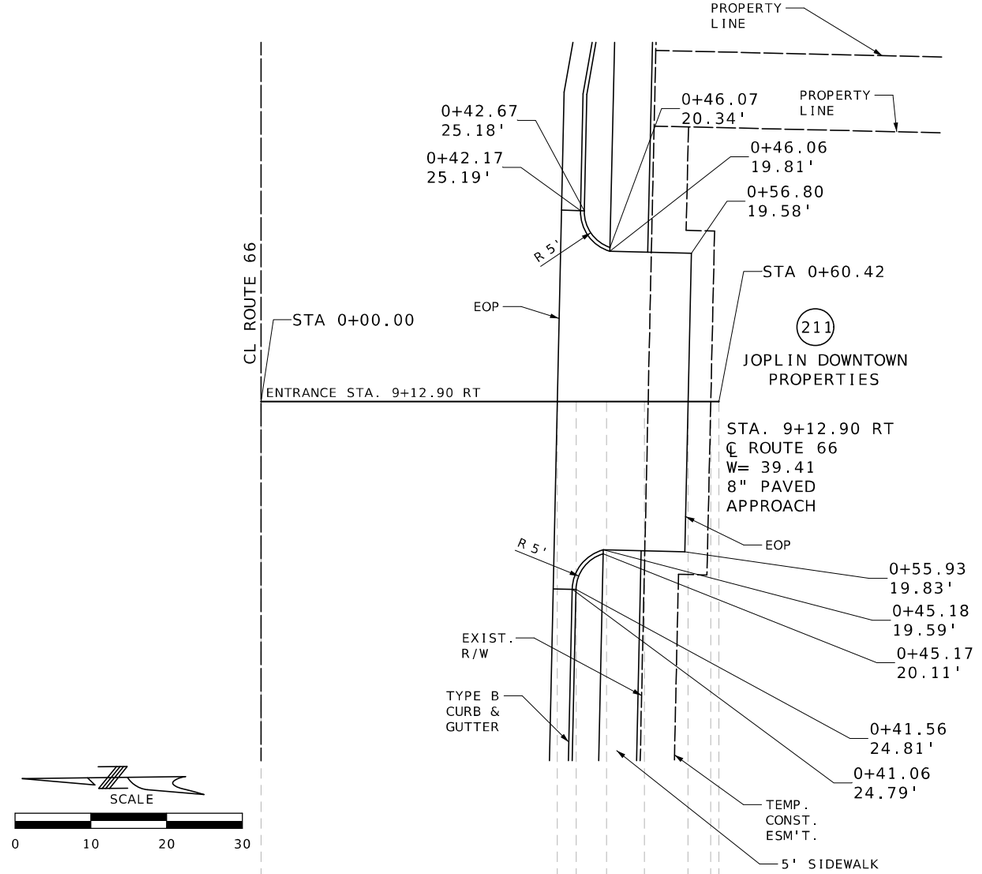
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

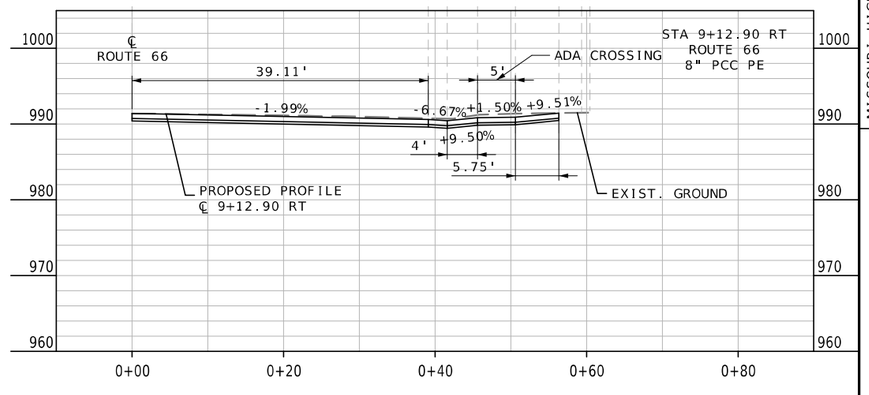
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 3 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	8/4/2025
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	30
COUNTY	JASPER
JOB NO.	J7S2185D
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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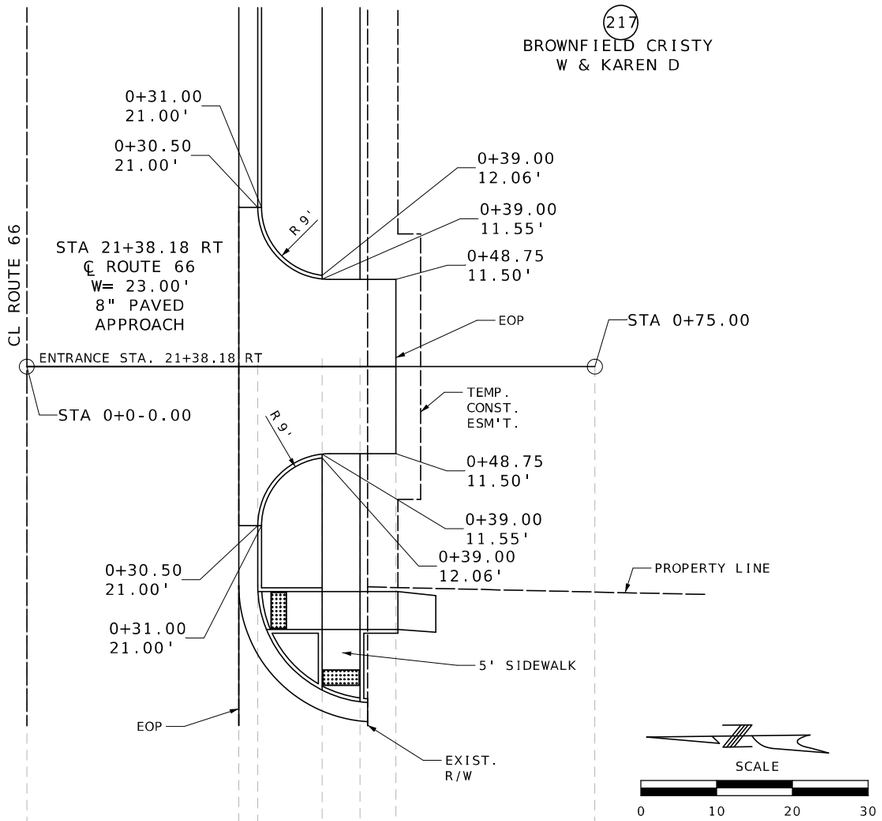

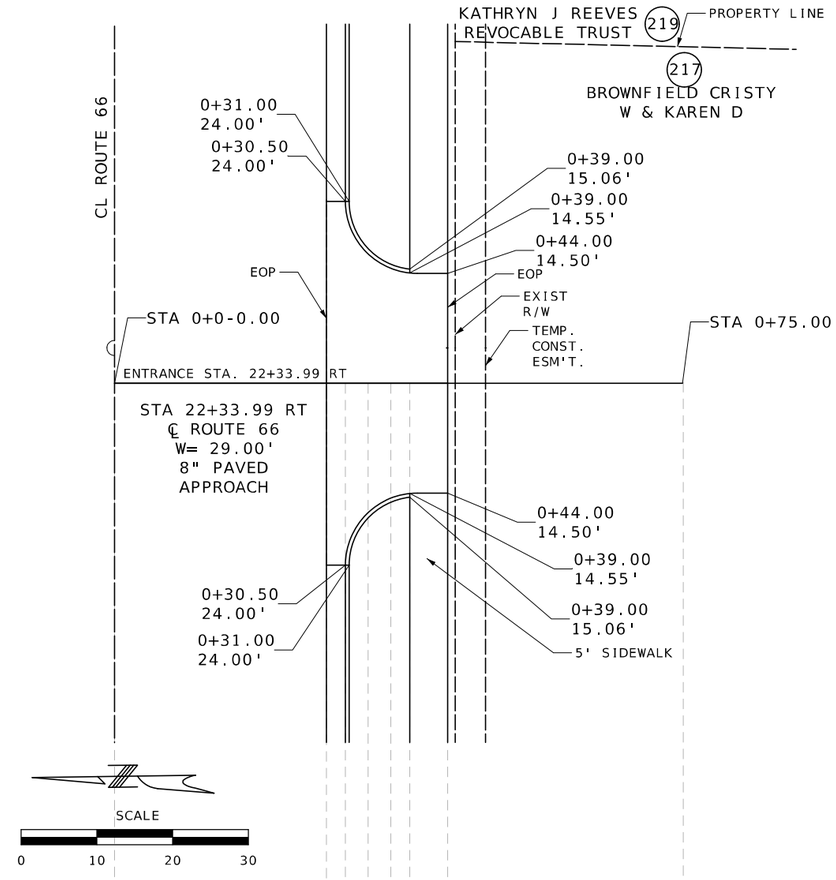

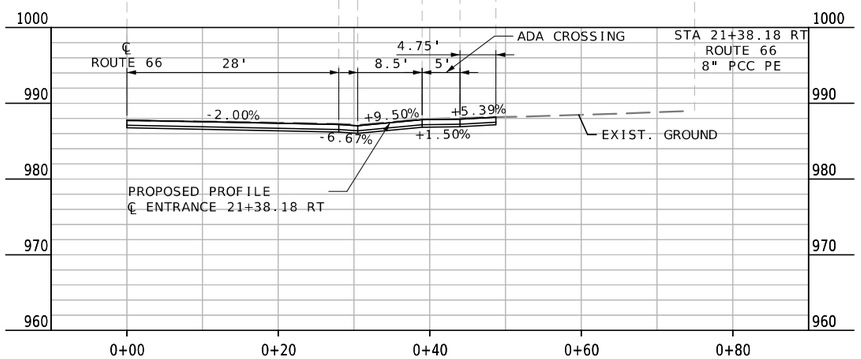

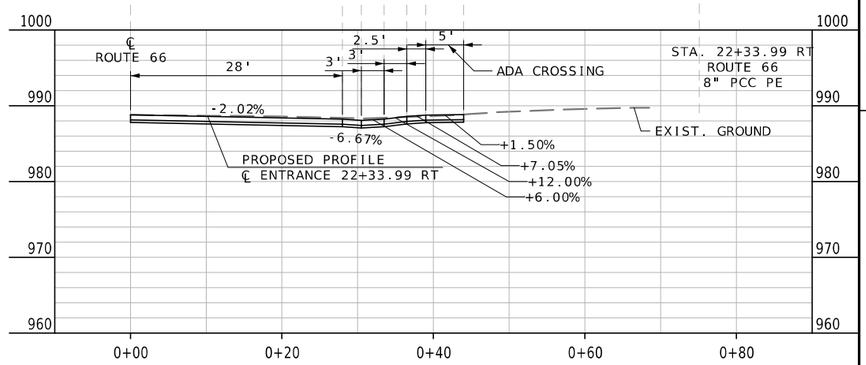

SPECIAL SHEET
ENTRANCES
SHEET 4 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION

DATE PREPARED: 9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	31

COUNTY: JASPER

JOB NO.: J7S2185D

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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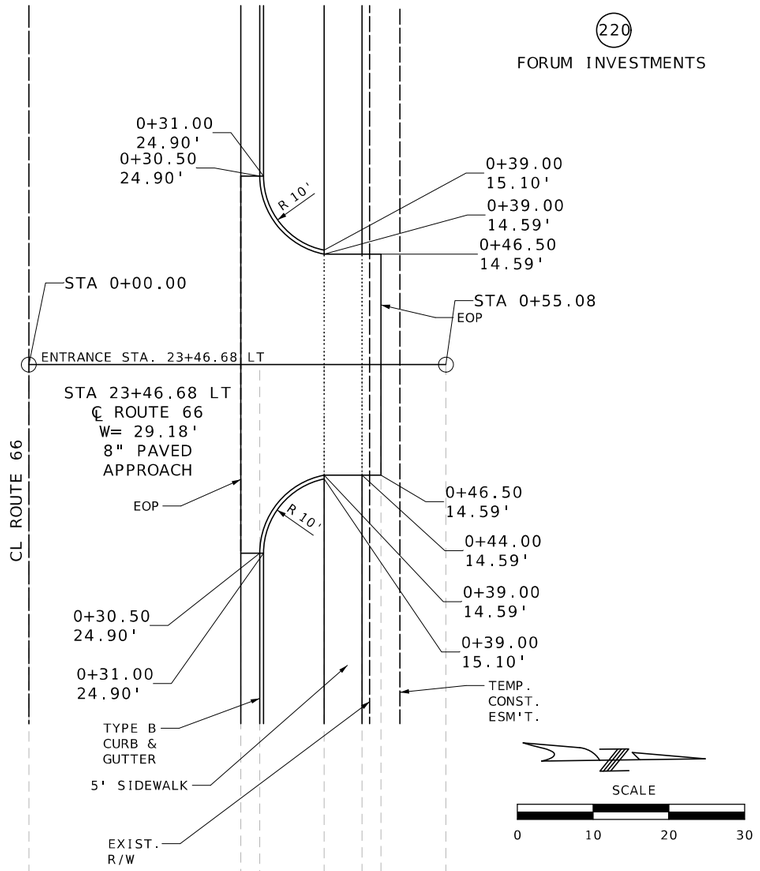

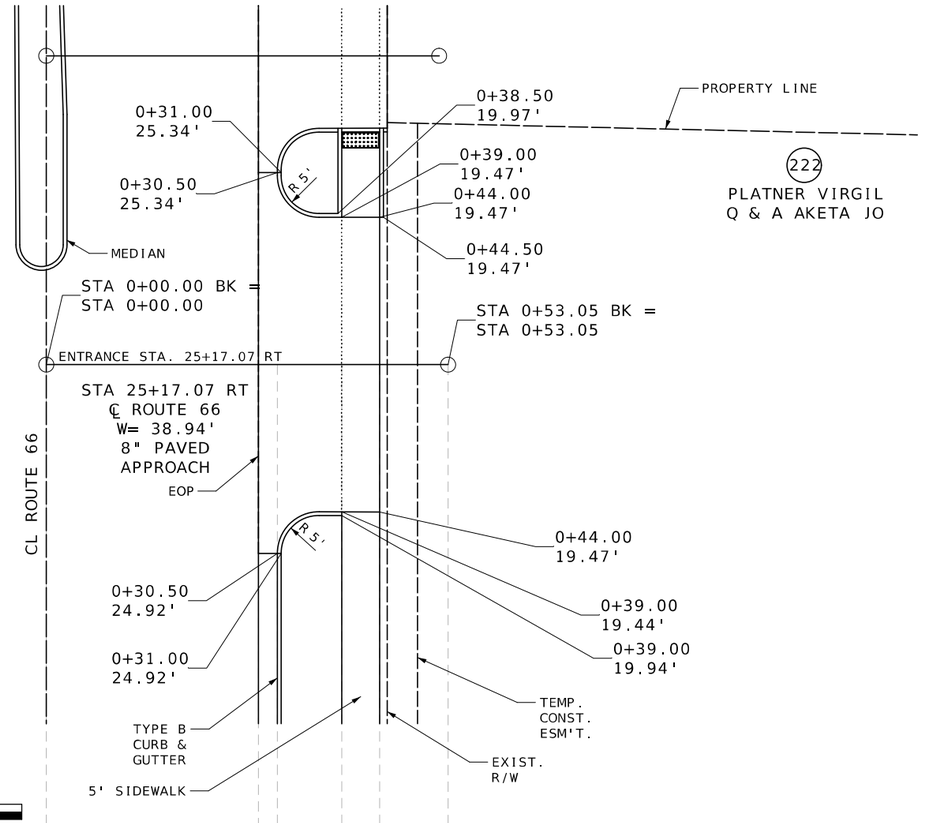

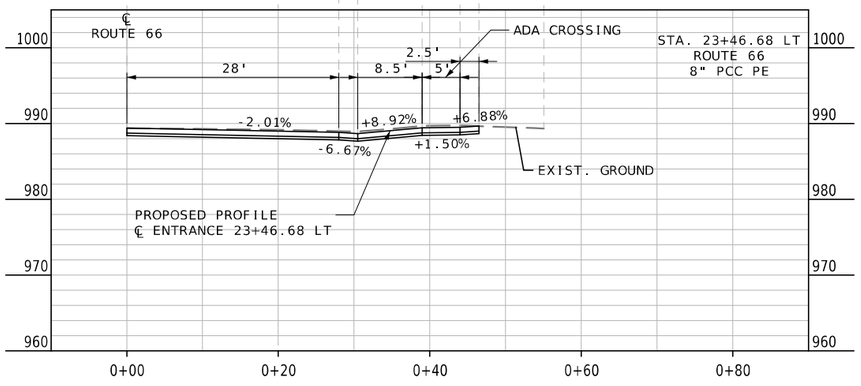

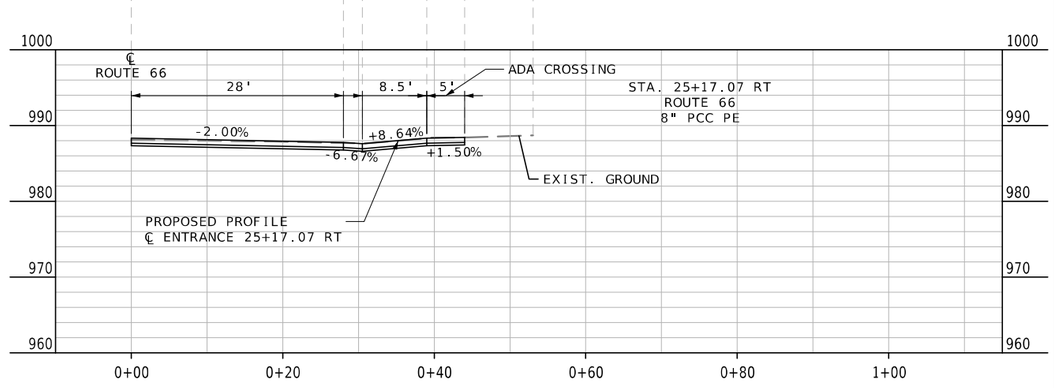

SPECIAL SHEET
ENTRANCES
SHEET 5 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	32

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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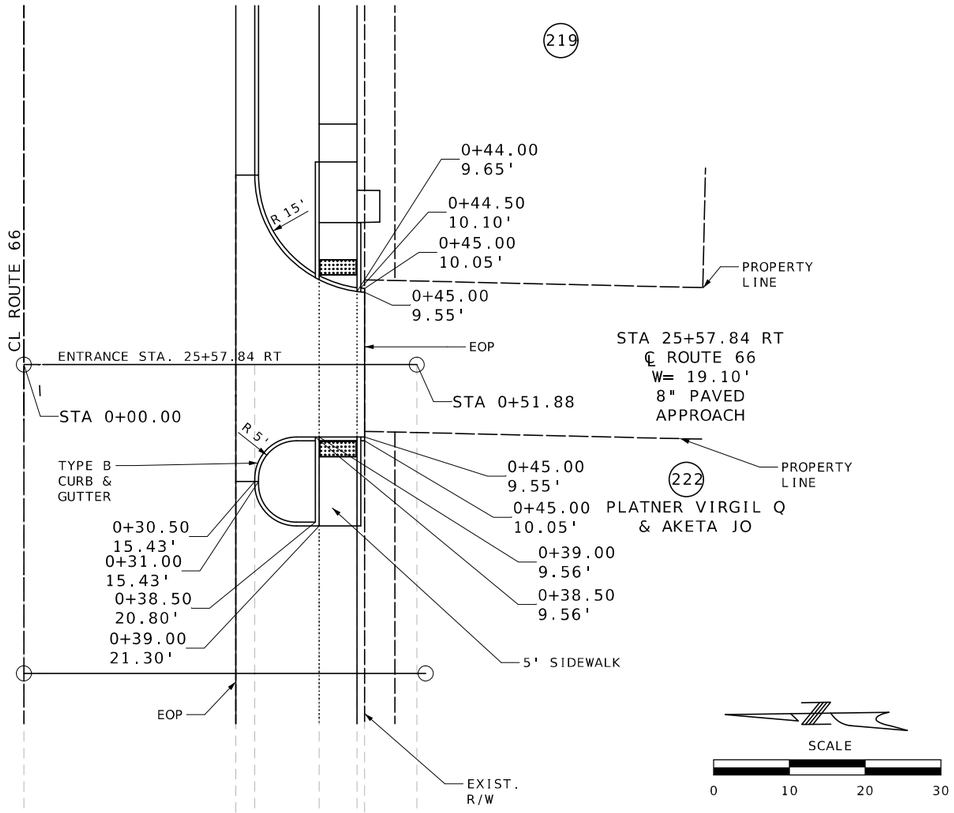

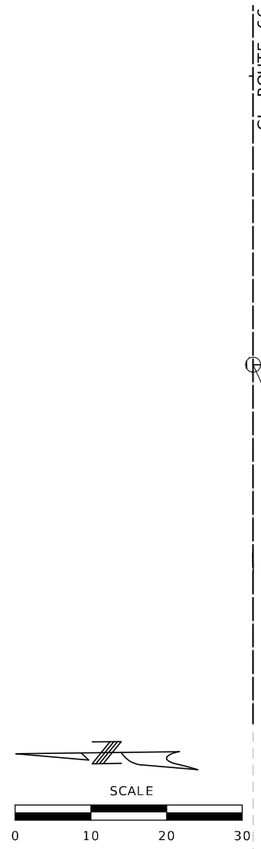

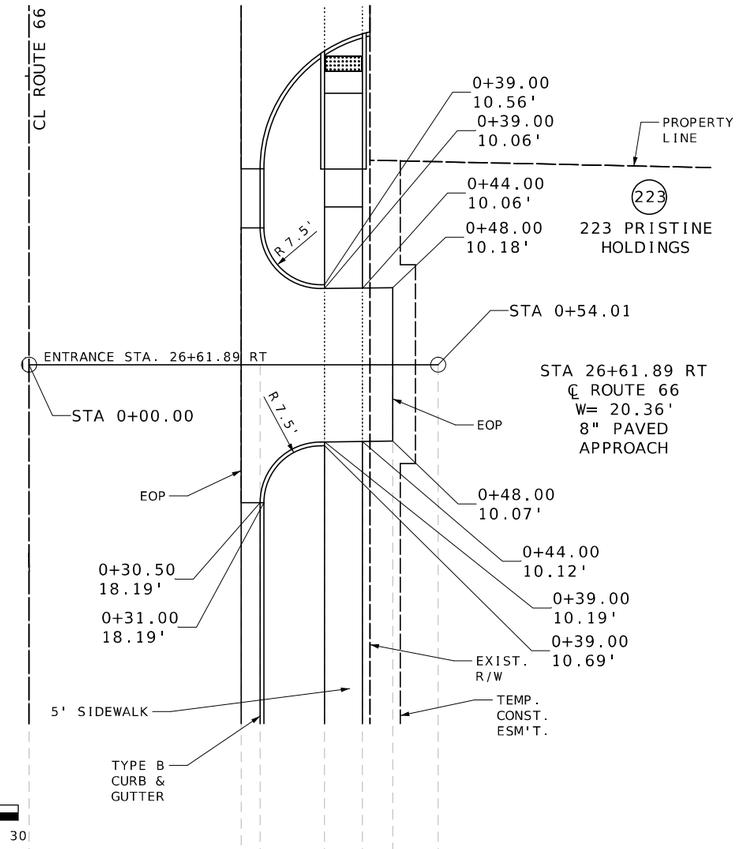

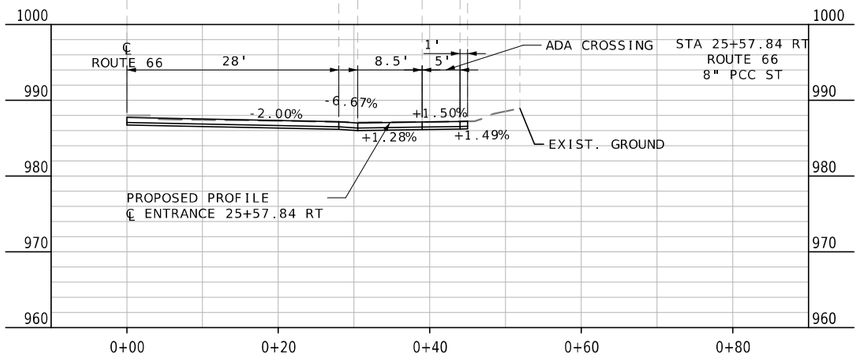

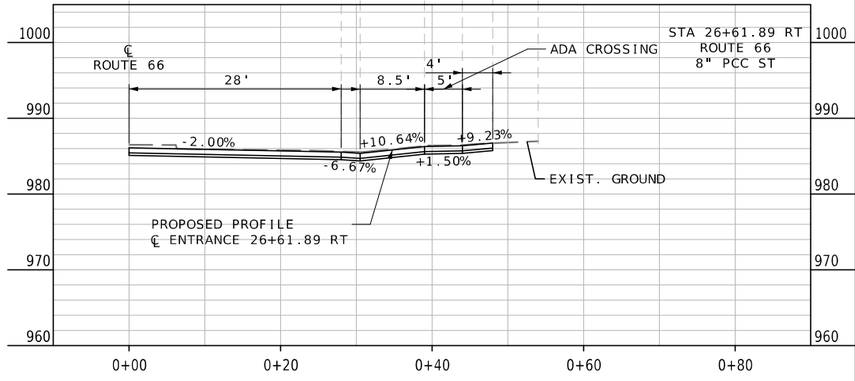

SPECIAL SHEET
ENTRANCES
SHEET 6 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	33

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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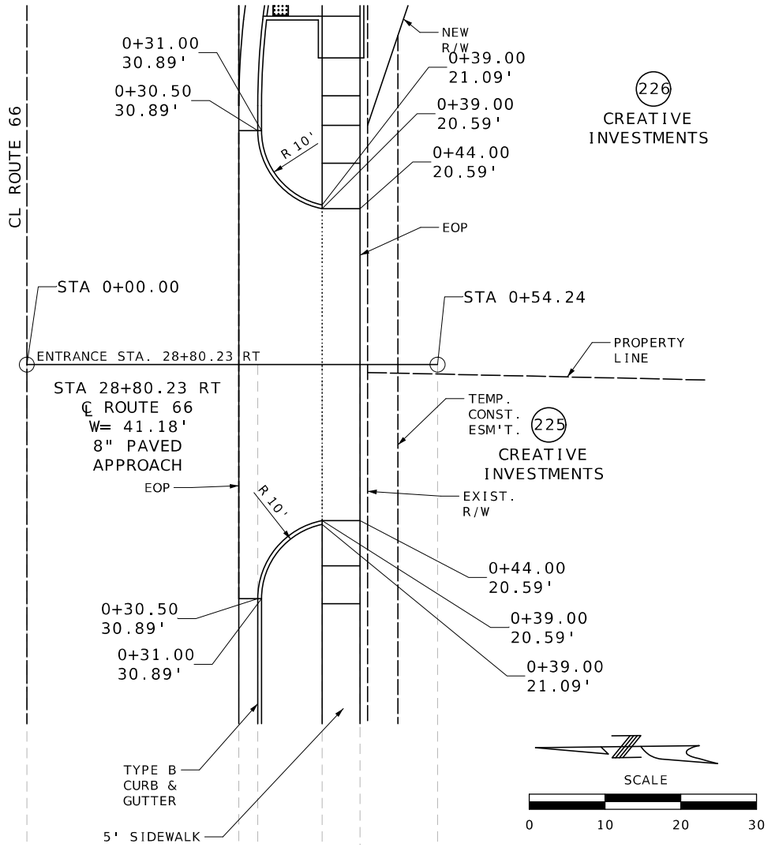
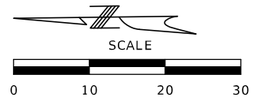
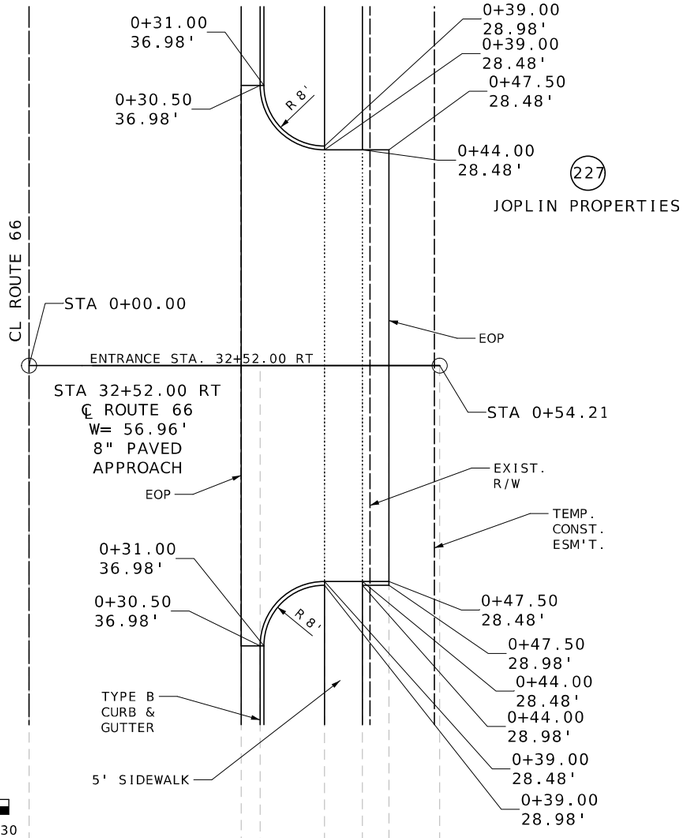
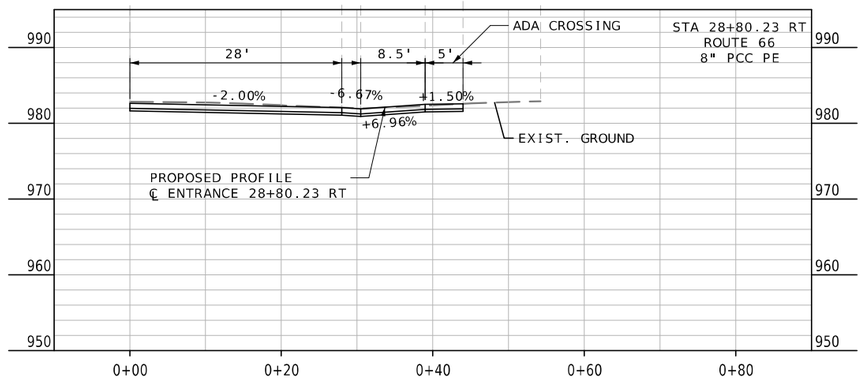
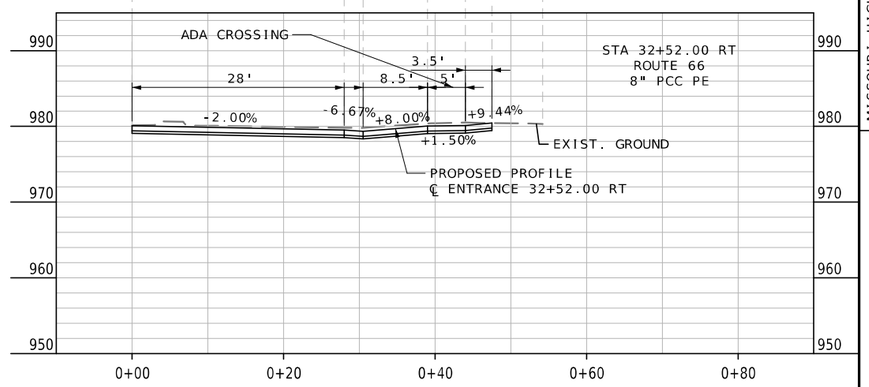










SPECIAL SHEET
ENTRANCES
SHEET 7 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

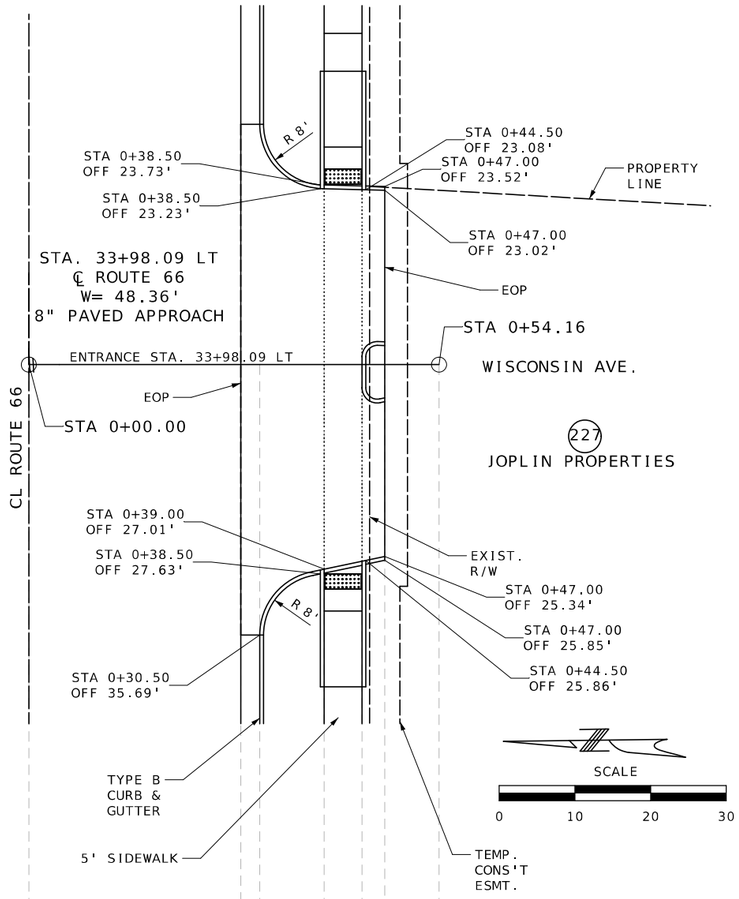
DATE PREPARED: 8/4/2025

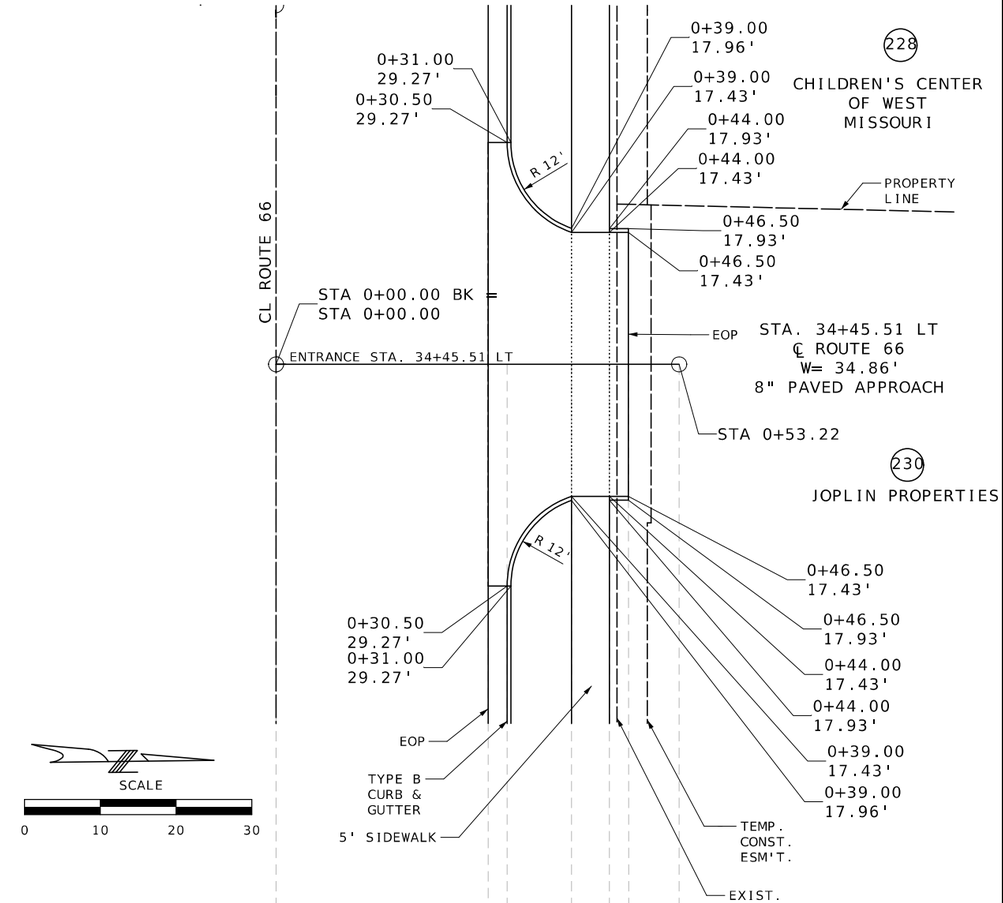
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	34

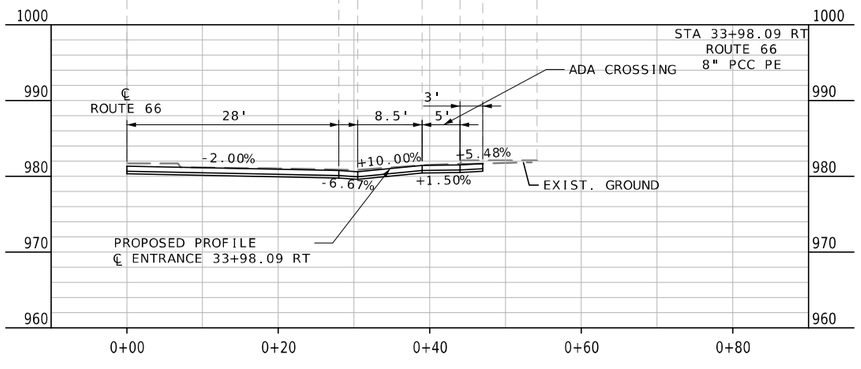
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

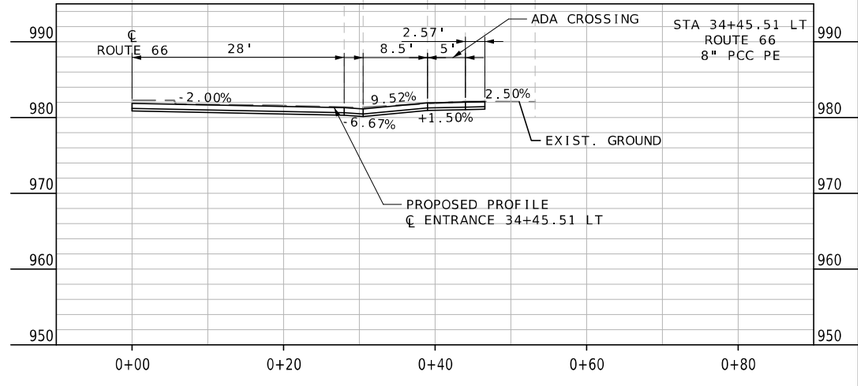
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 8 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	35

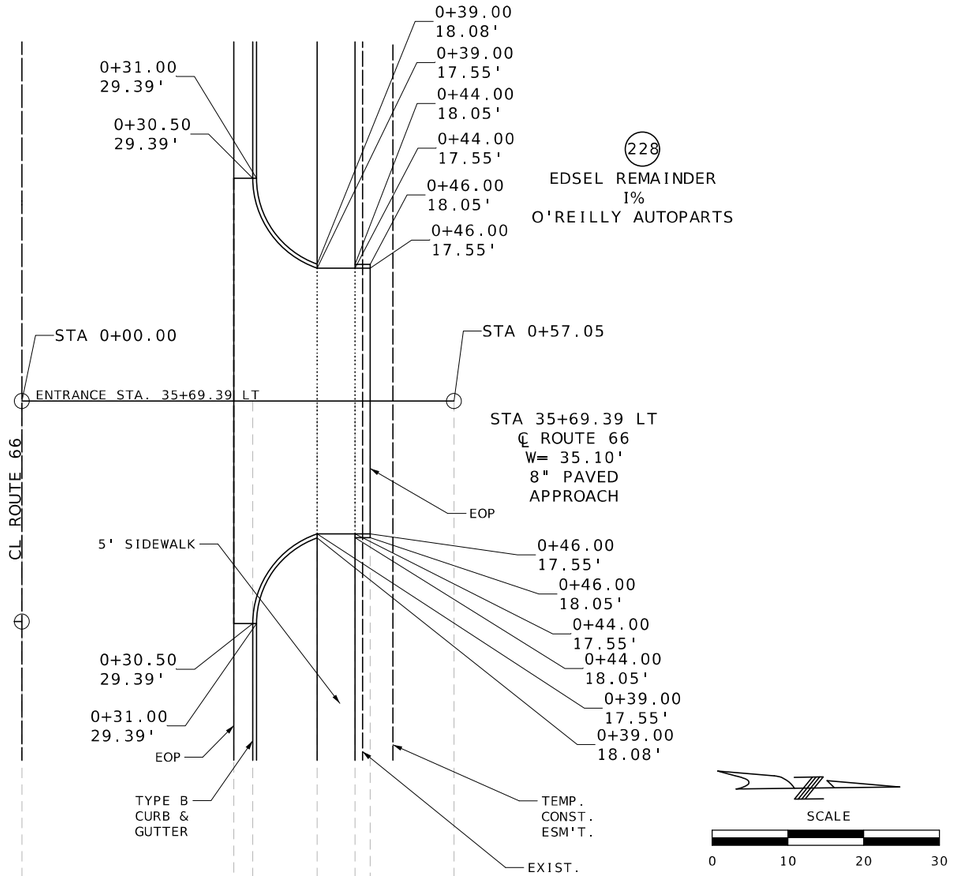
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

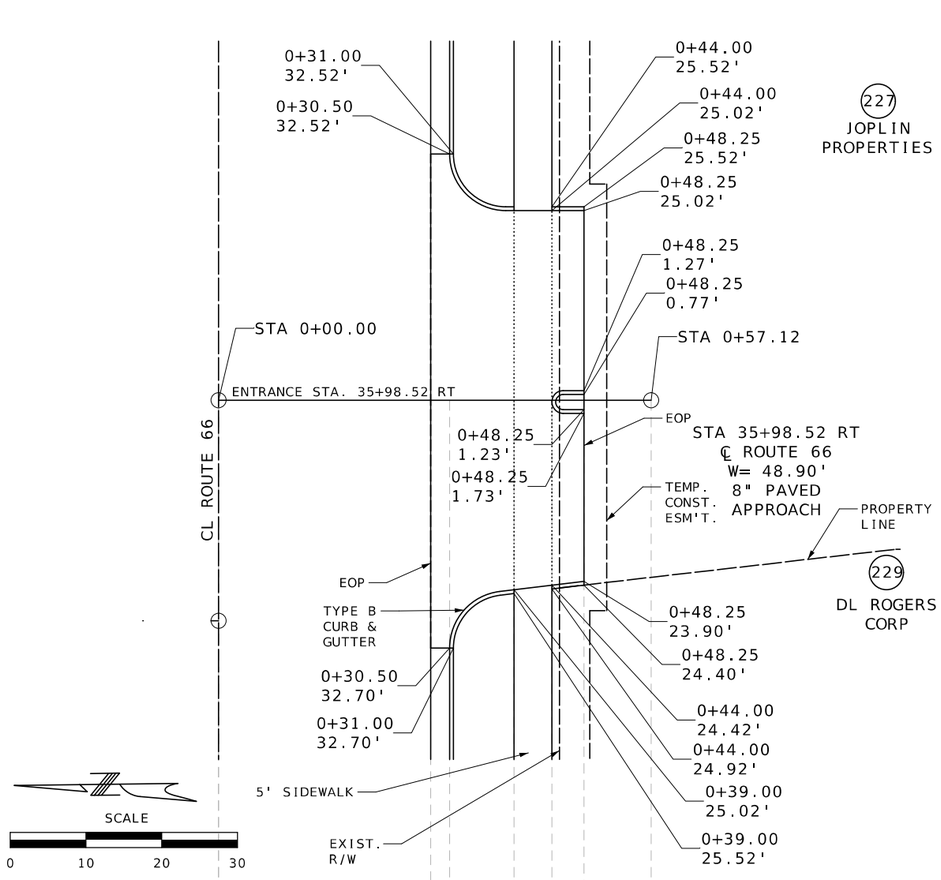
DESCRIPTION	DATE

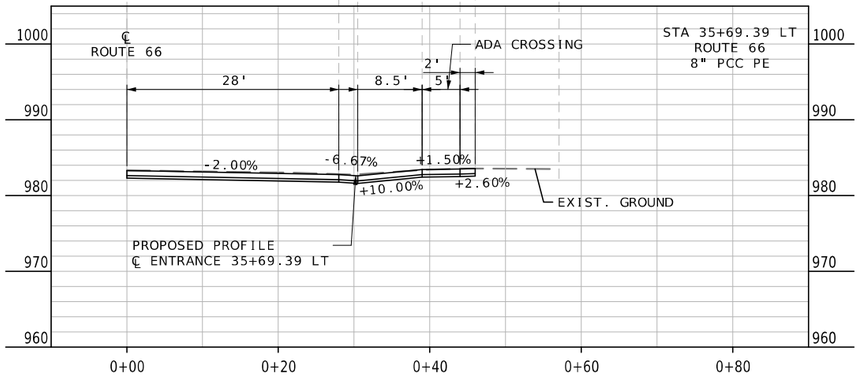
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

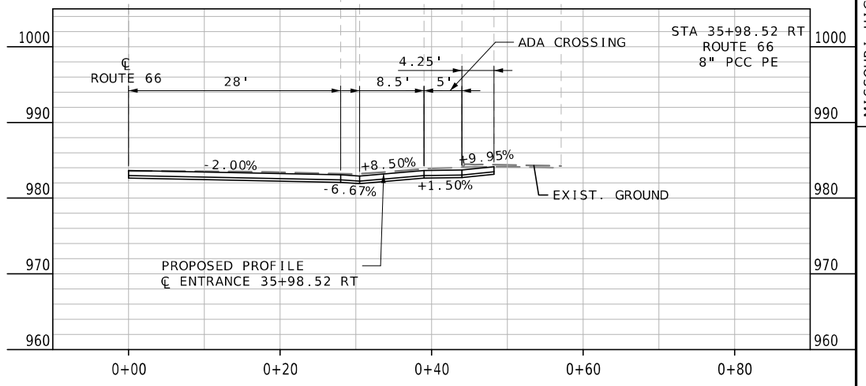
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 9 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	36

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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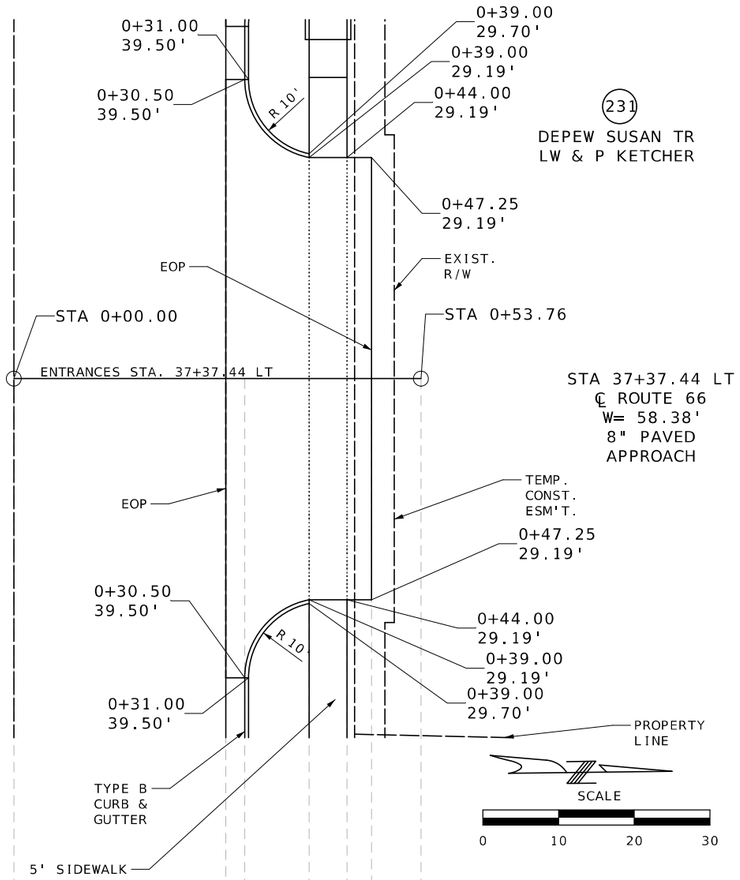
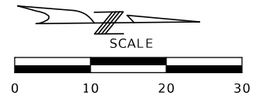
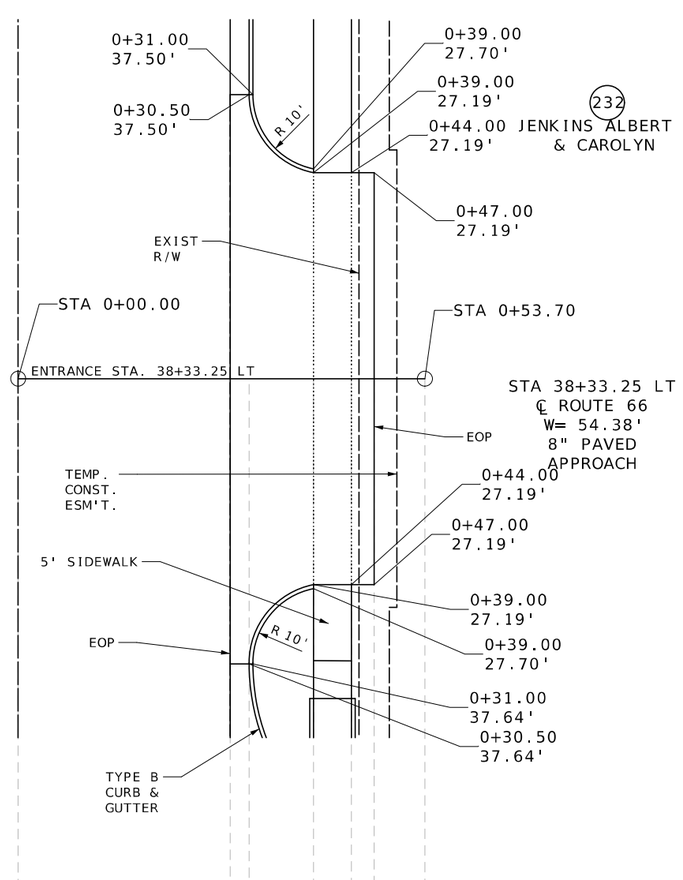
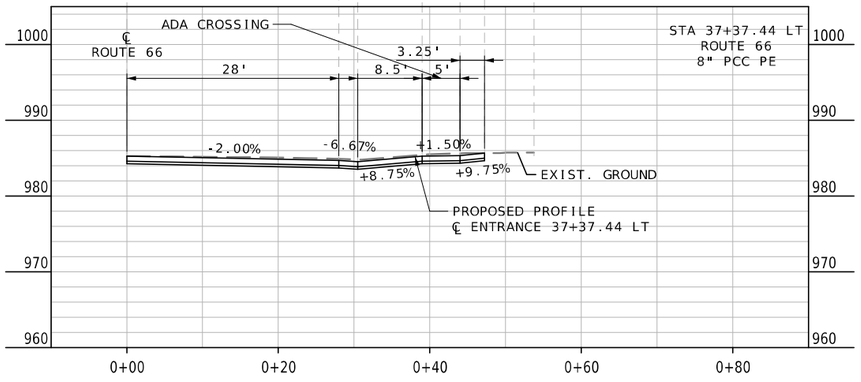
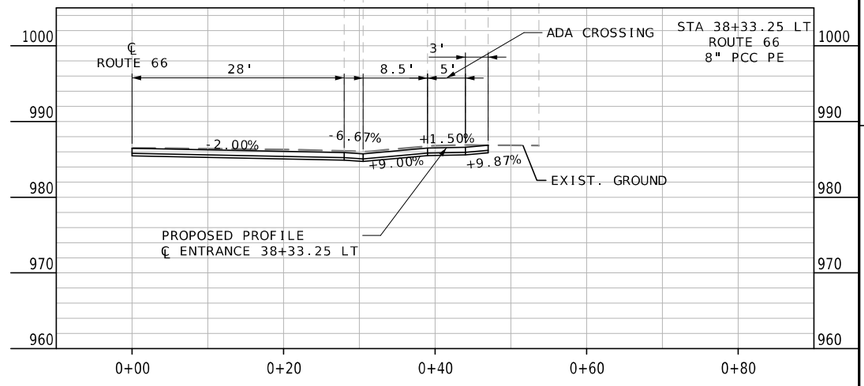










SPECIAL SHEET
ENTRANCES
SHEET 10 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	37

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

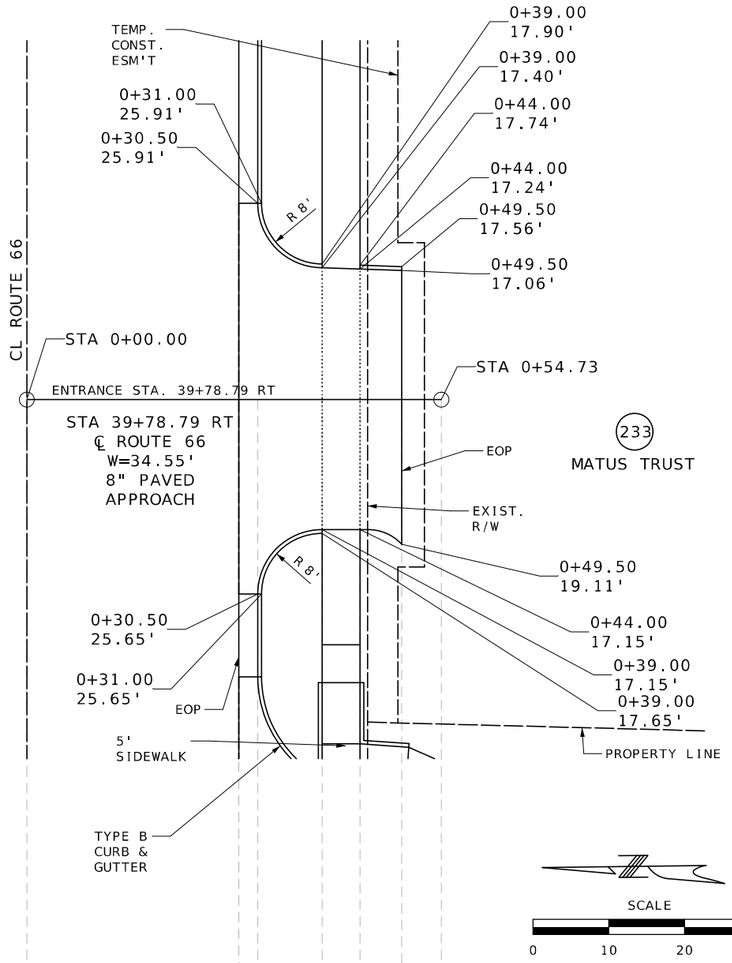
BRIDGE NO.

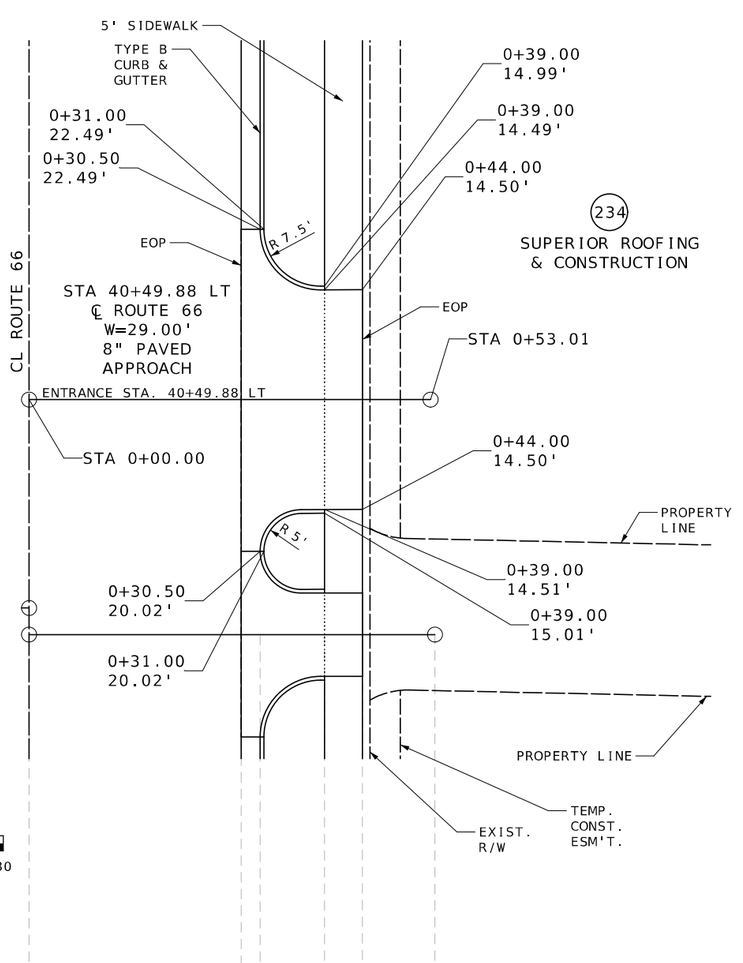
DESCRIPTION	DATE

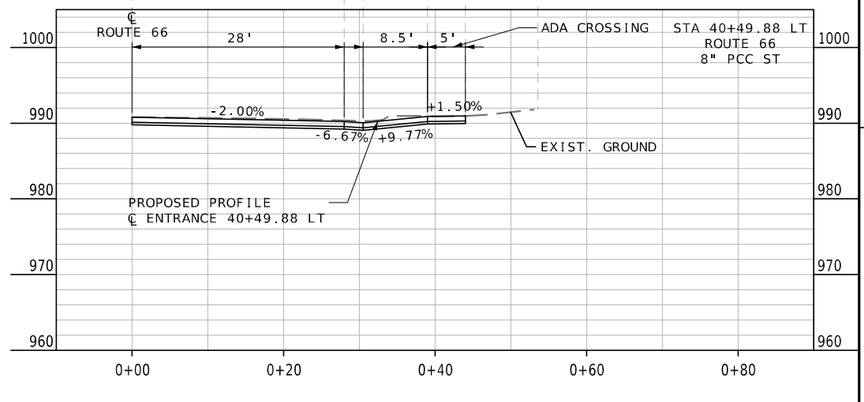
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM







SPECIAL SHEET
ENTRANCES
SHEET 11 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	38

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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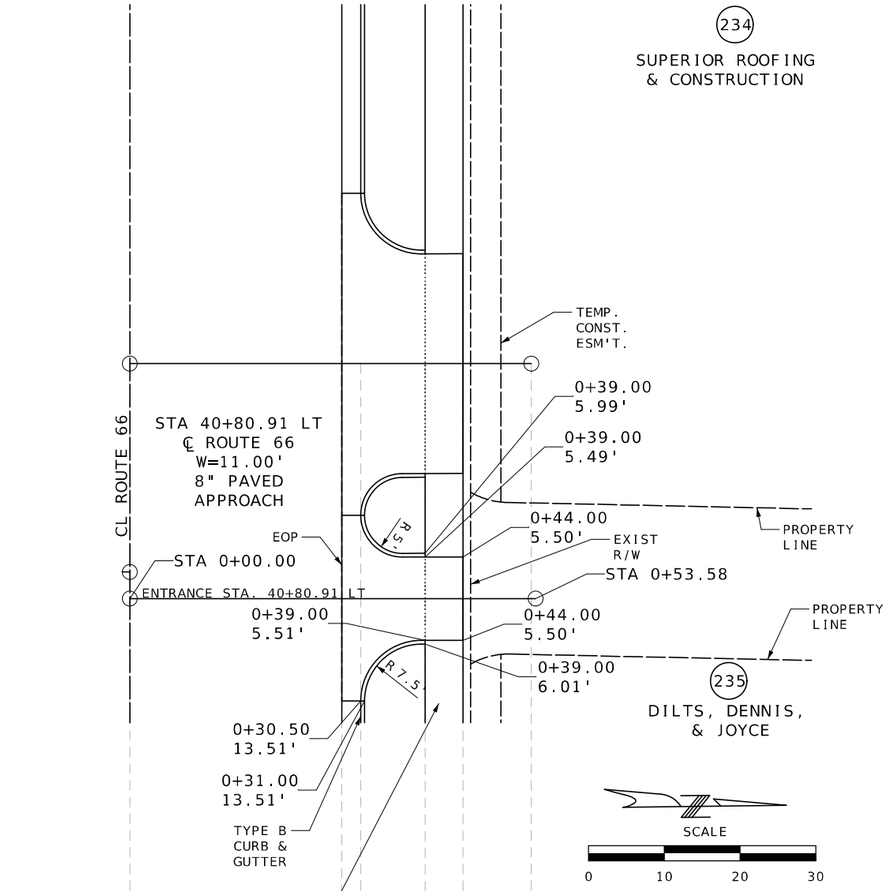
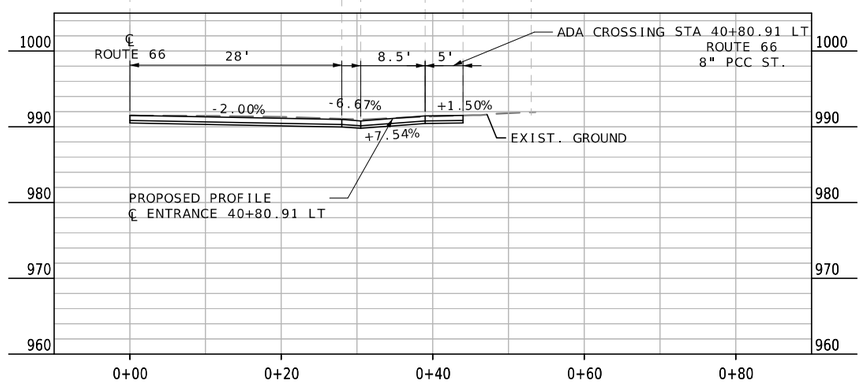
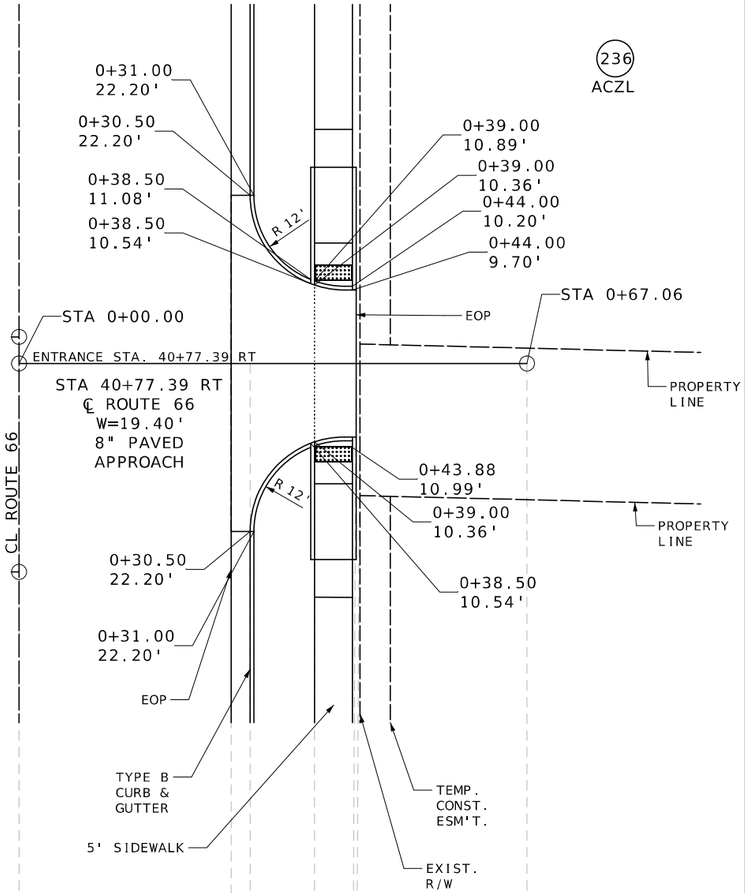
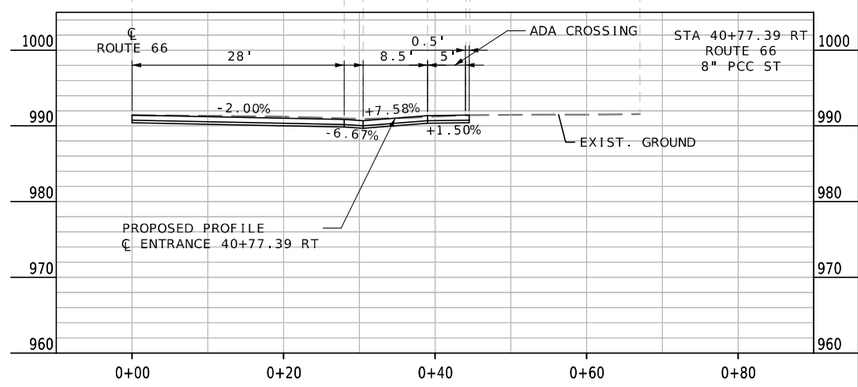
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 12 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	39

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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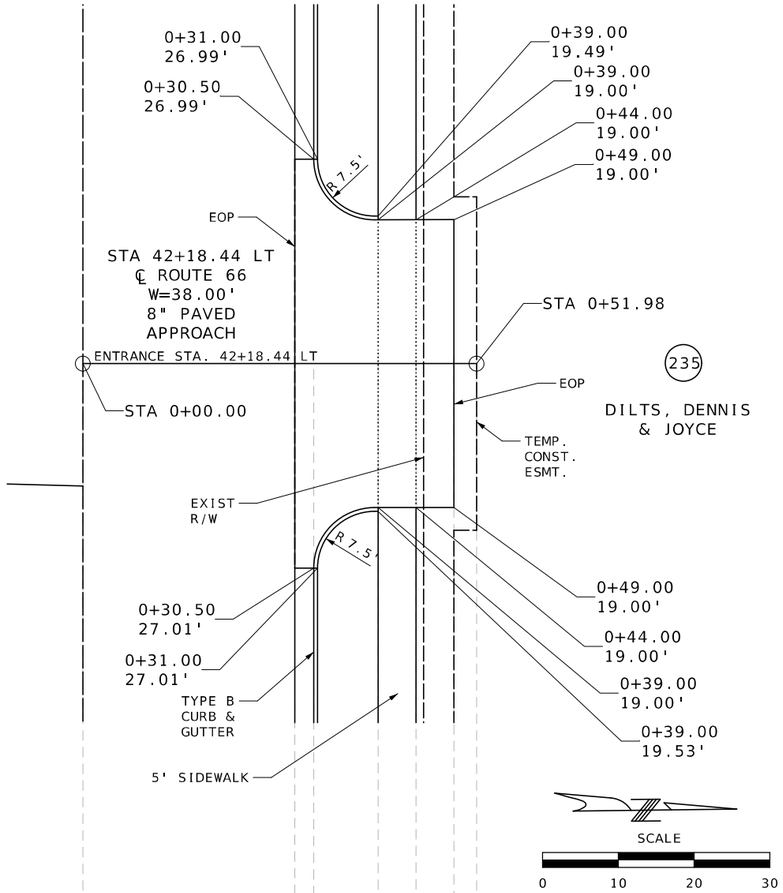

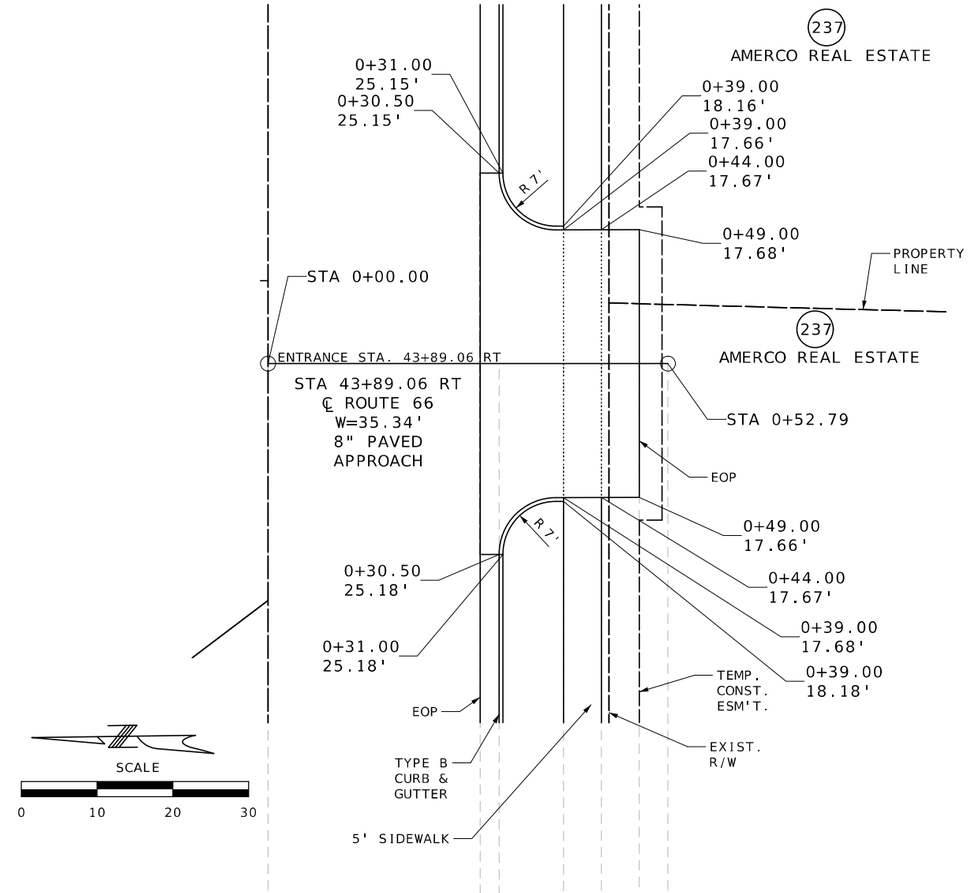

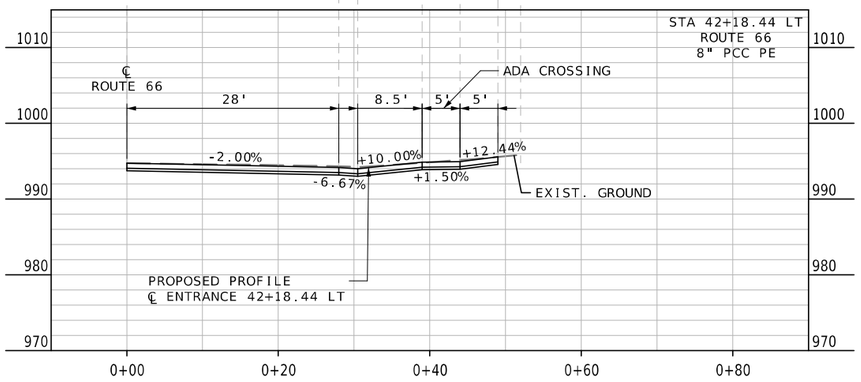

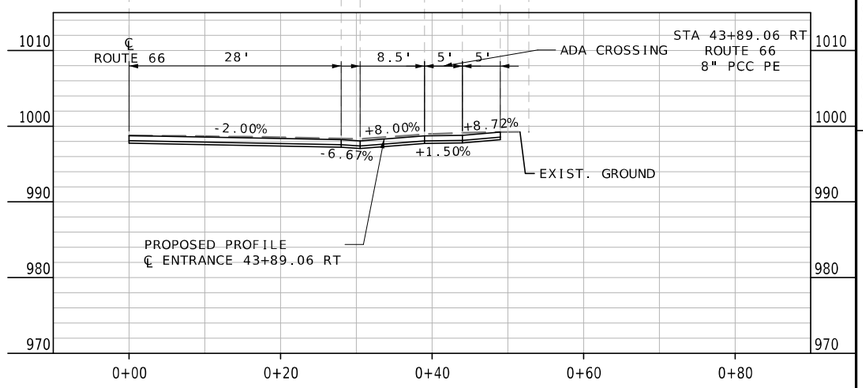

SPECIAL SHEET
ENTRANCES
SHEET 13 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	40

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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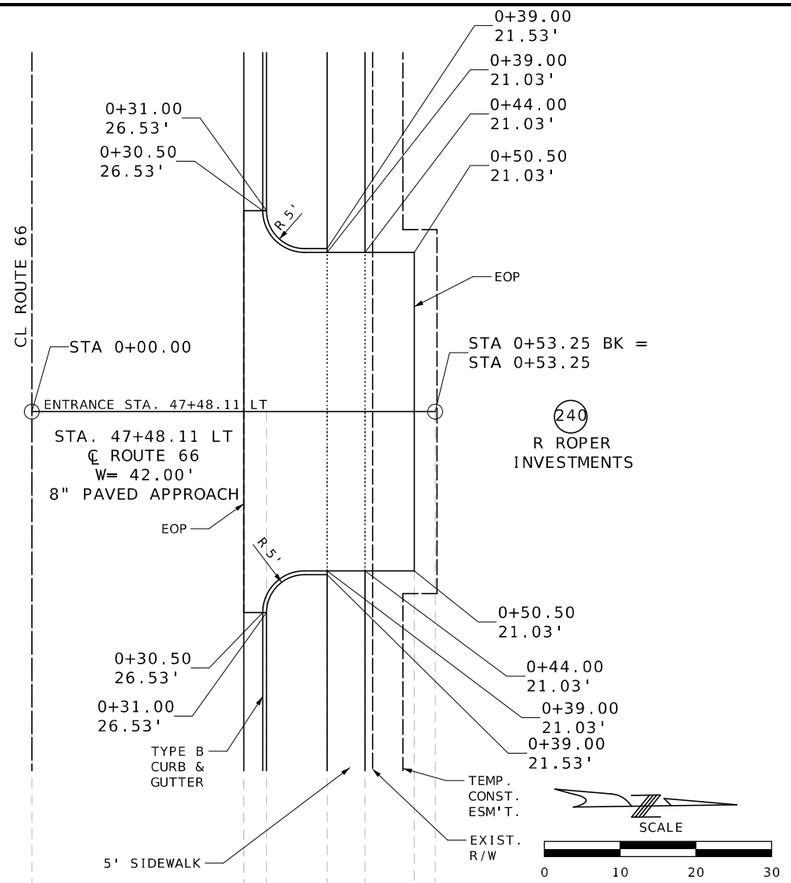

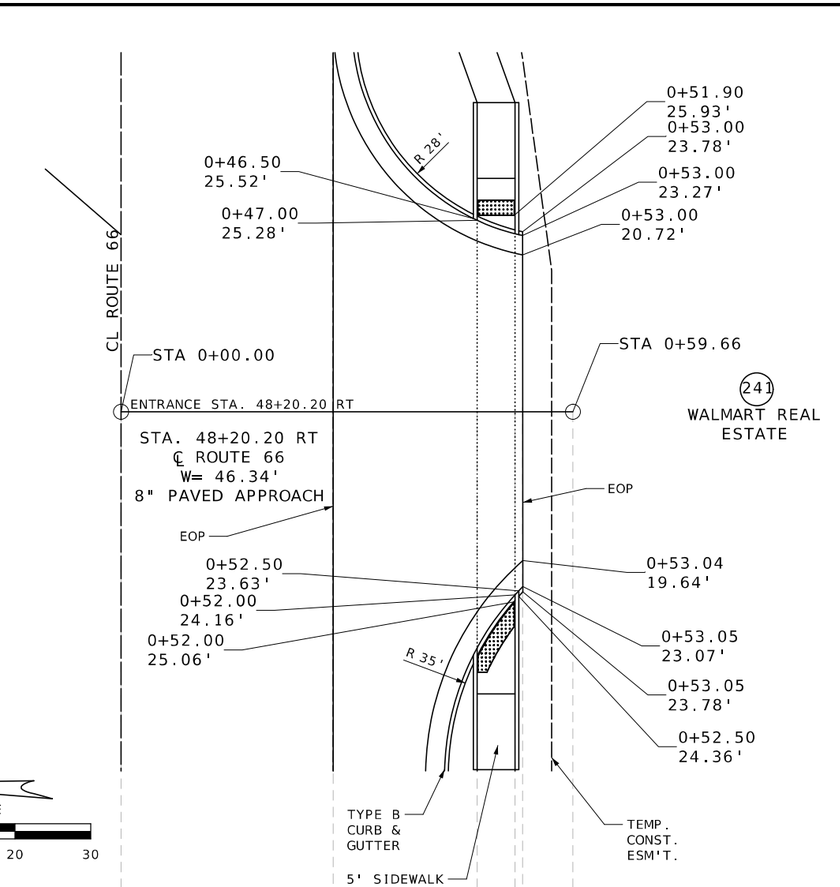

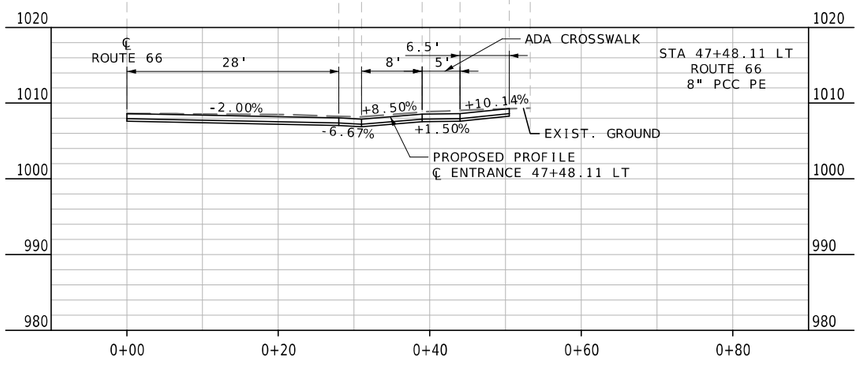

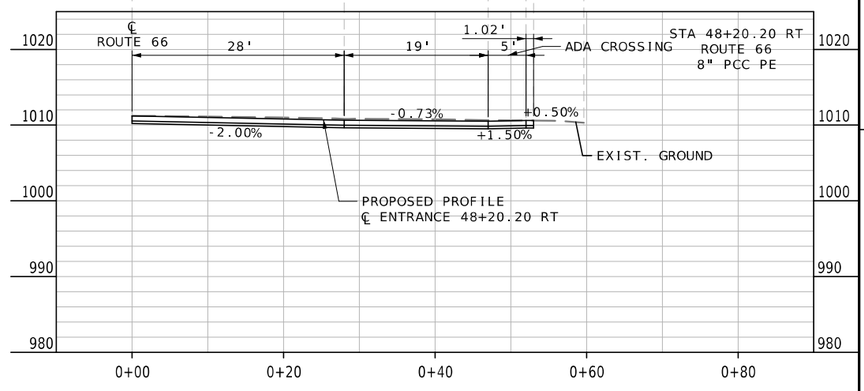

SPECIAL SHEET
ENTRANCES
SHEET 14 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

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DATE PREPARED	
8/4/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	41
COUNTY	
JASPER	
JOB NO.	
J7S2185D	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
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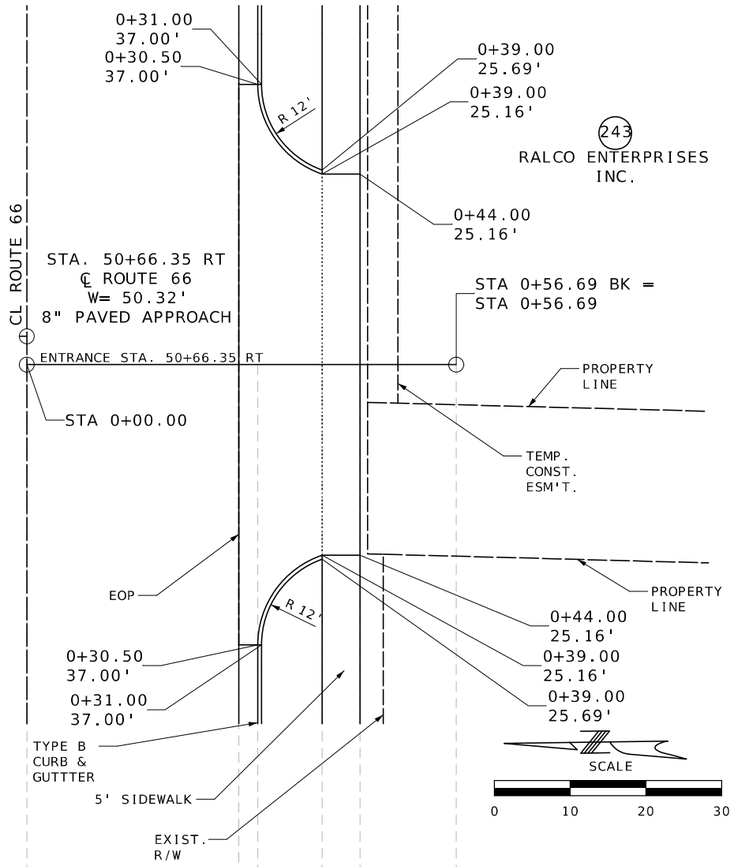

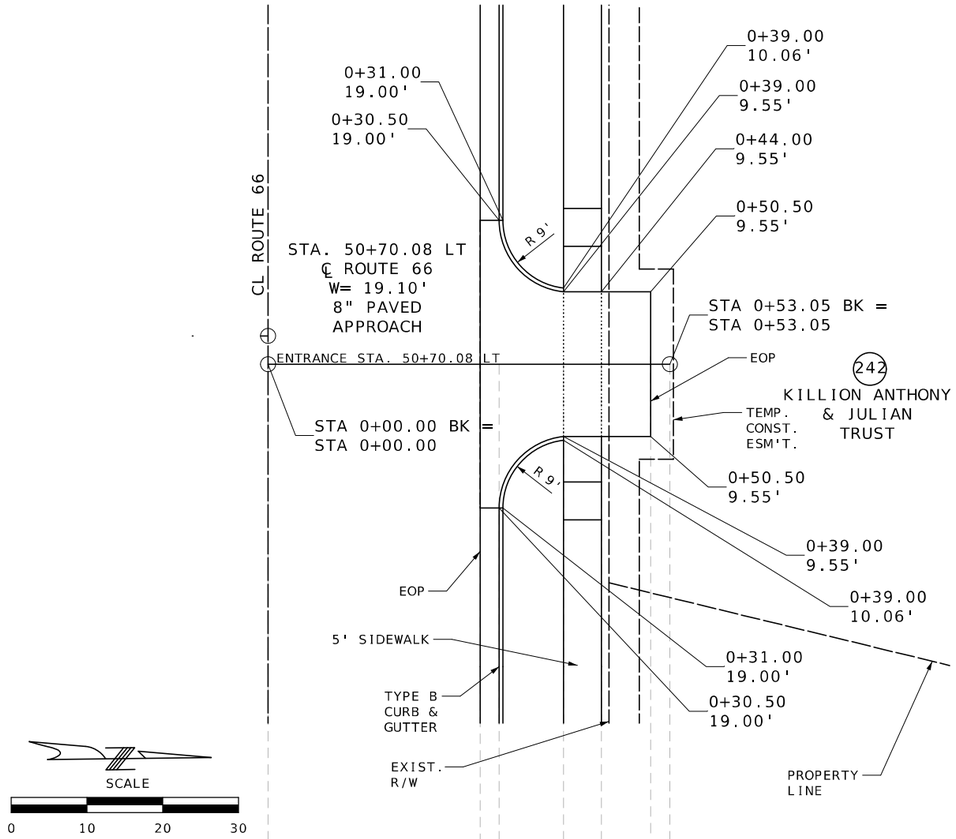

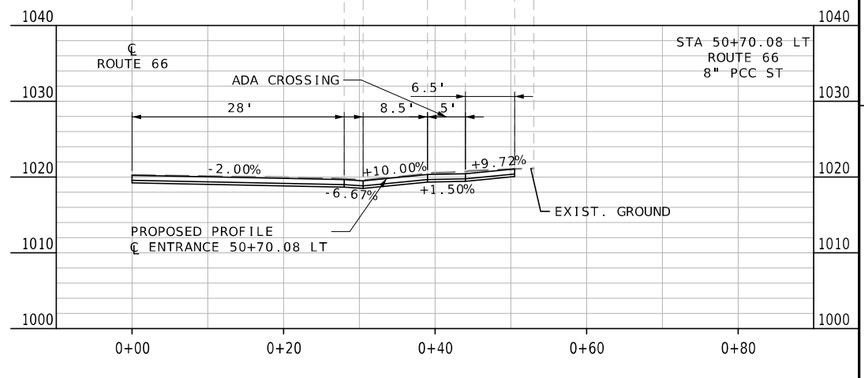

SPECIAL SHEET
ENTRANCES
SHEET 15 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
8/4/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	42
COUNTY	
JASPER	
JOB NO.	
J7S2185D	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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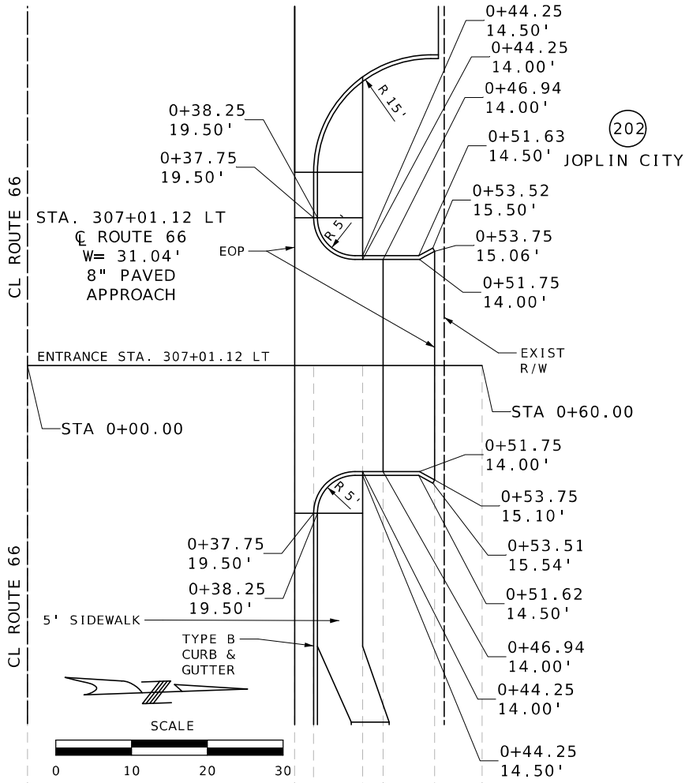
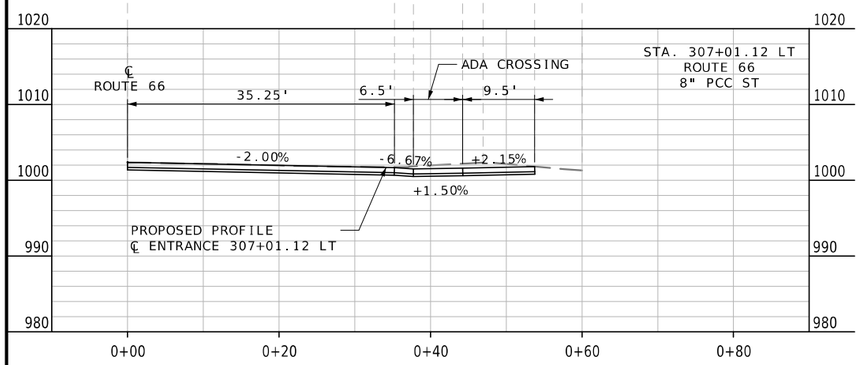
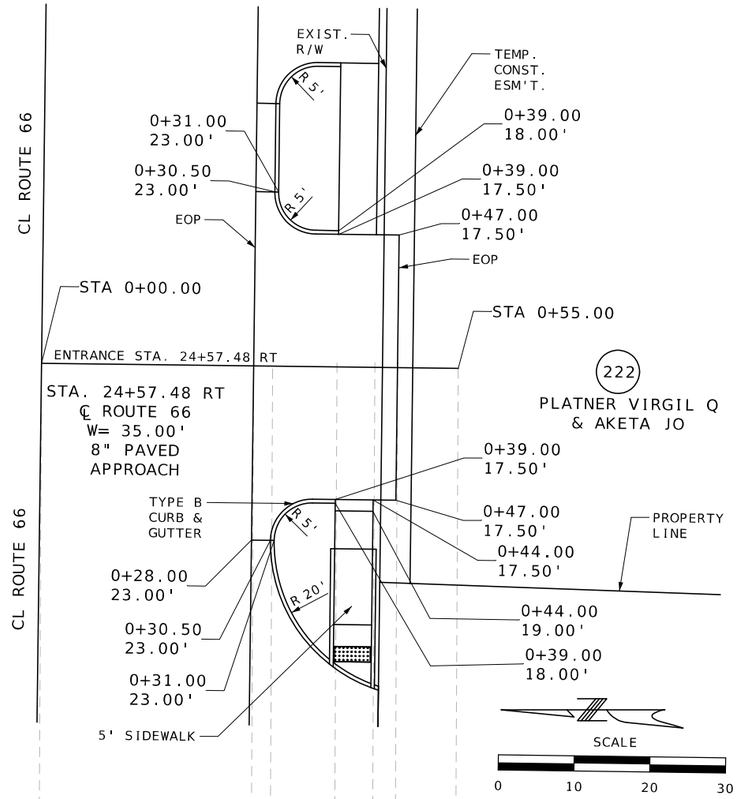
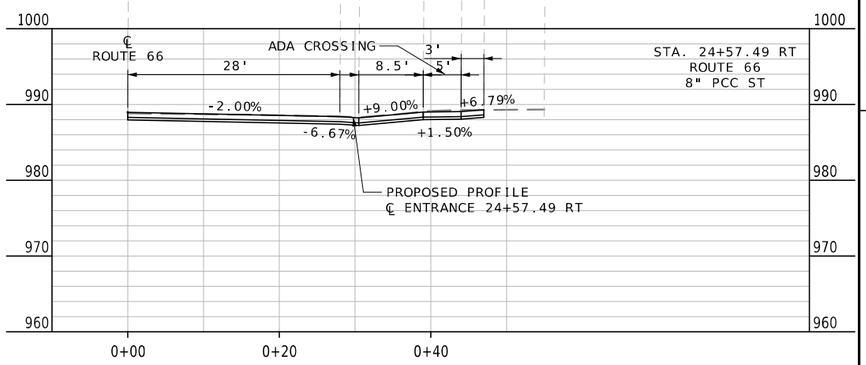








SPECIAL SHEETS
ENTRANCES
15A OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/29/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	42A

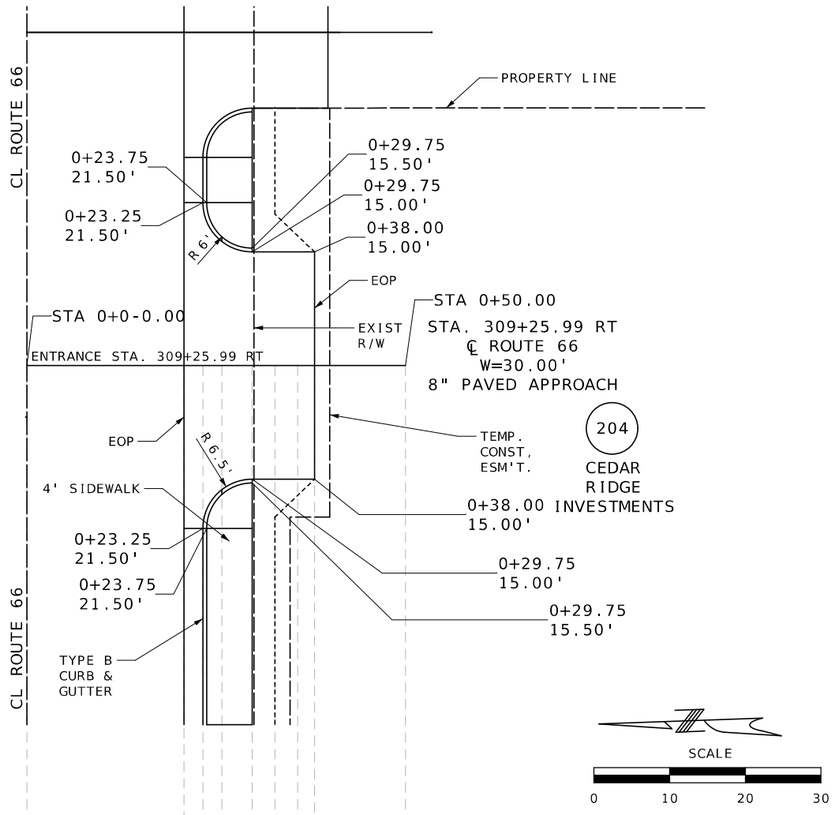
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

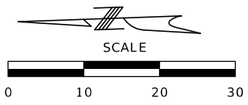
DESCRIPTION	DATE

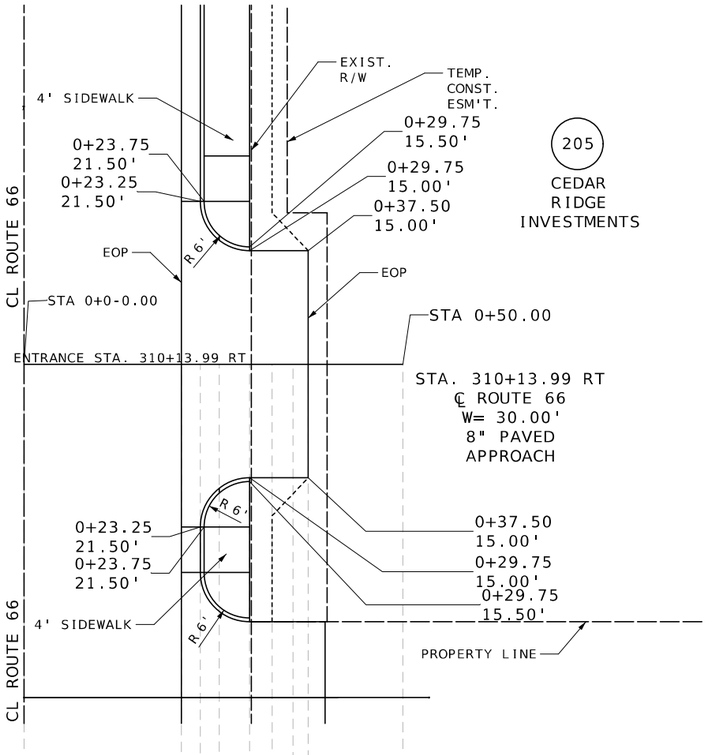
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

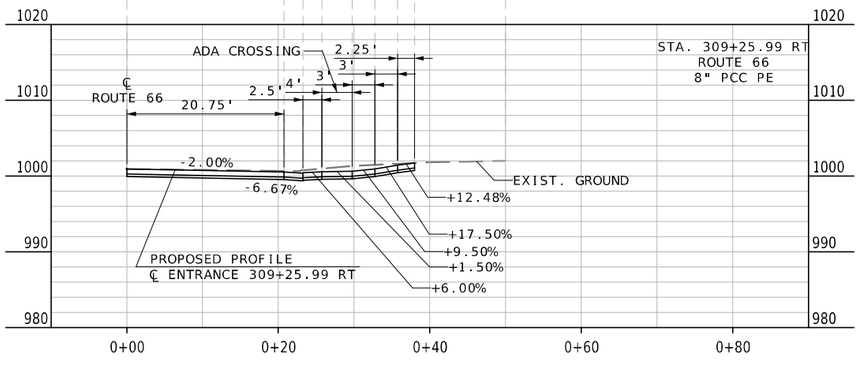
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

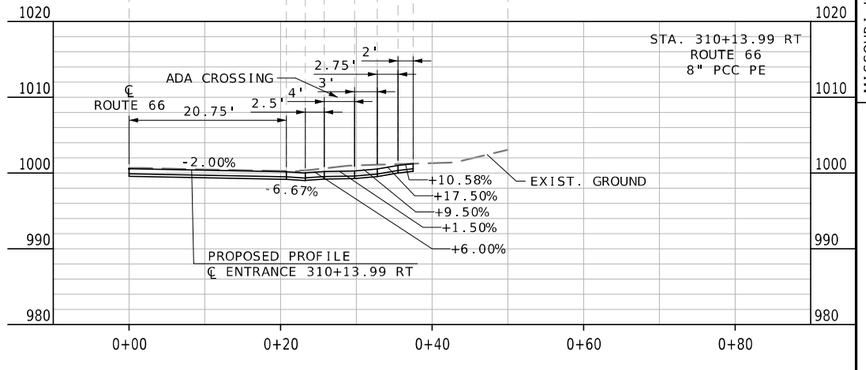
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM











SPECIAL SHEET
ENTRANCES
SHEET 15B OF 15

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

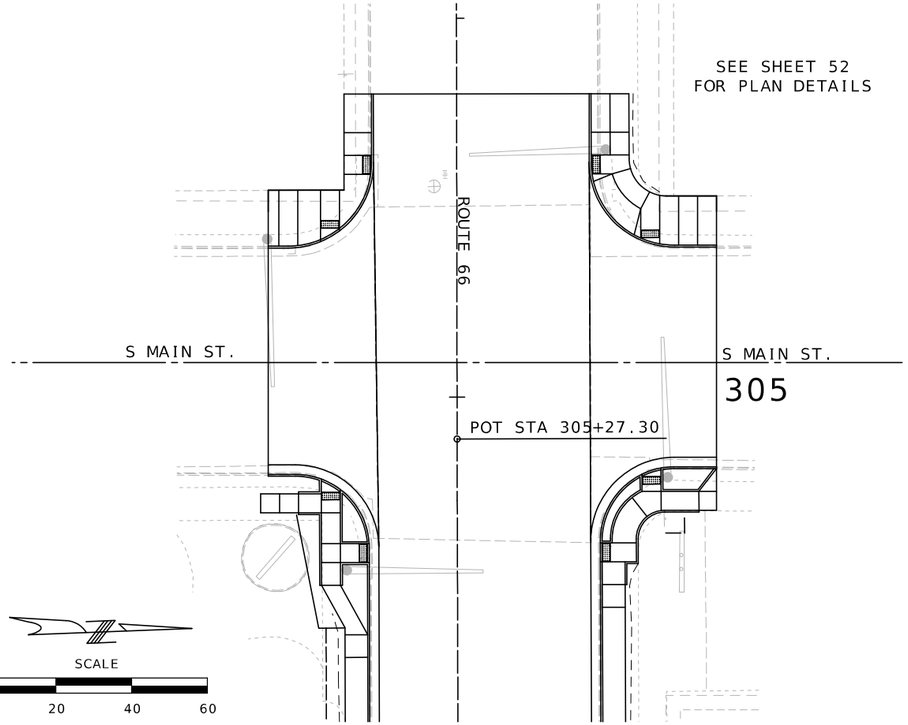
DATE PREPARED: 9/29/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 42B
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

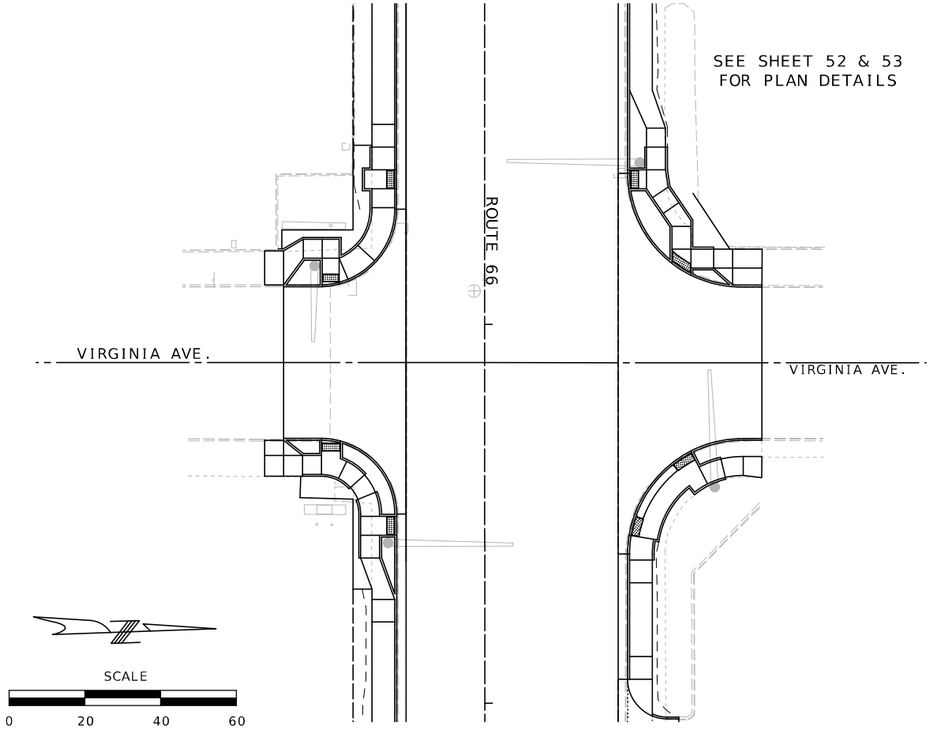
DESCRIPTION | DATE

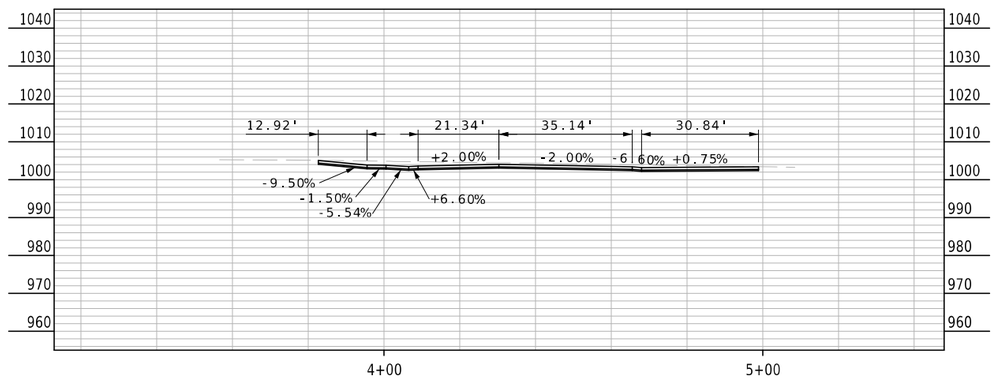
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

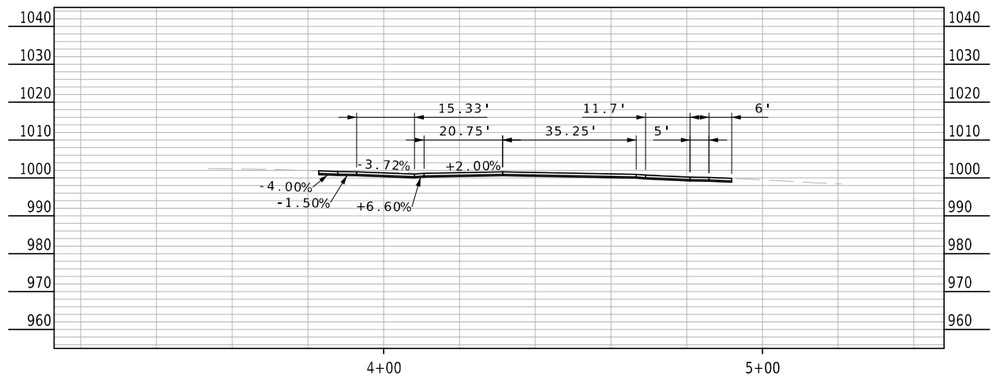
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
SIDE STREET PROFILES
SHEET 1 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	43

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

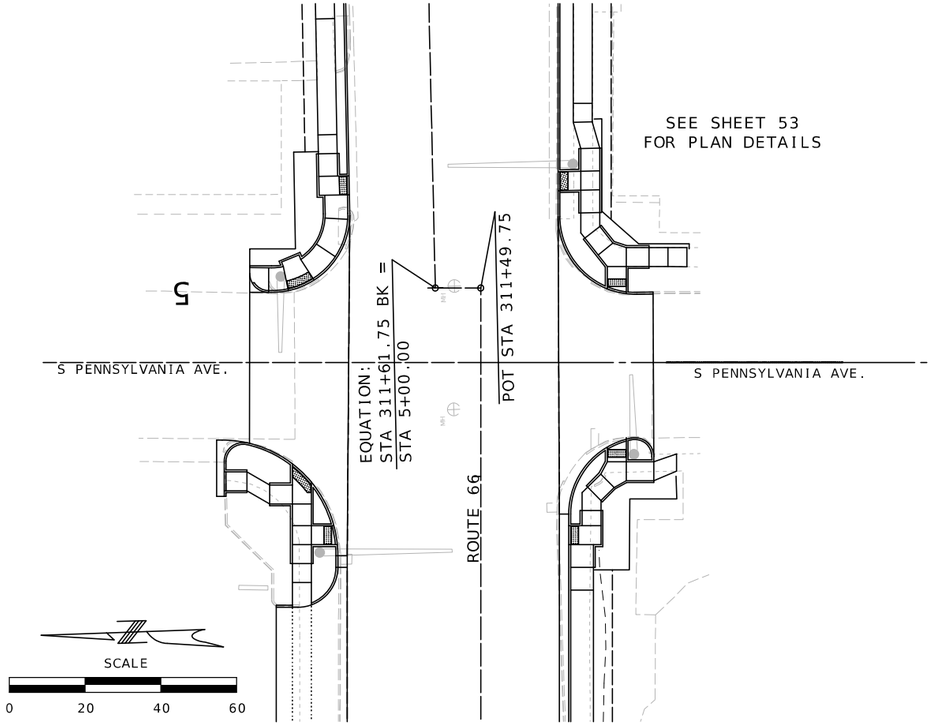
BRIDGE NO.

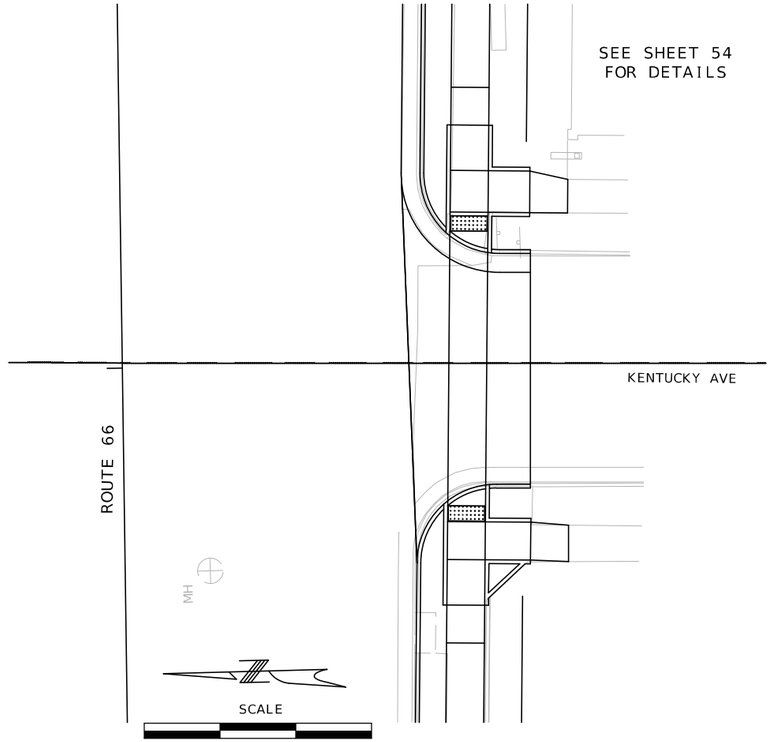
DESCRIPTION	DATE

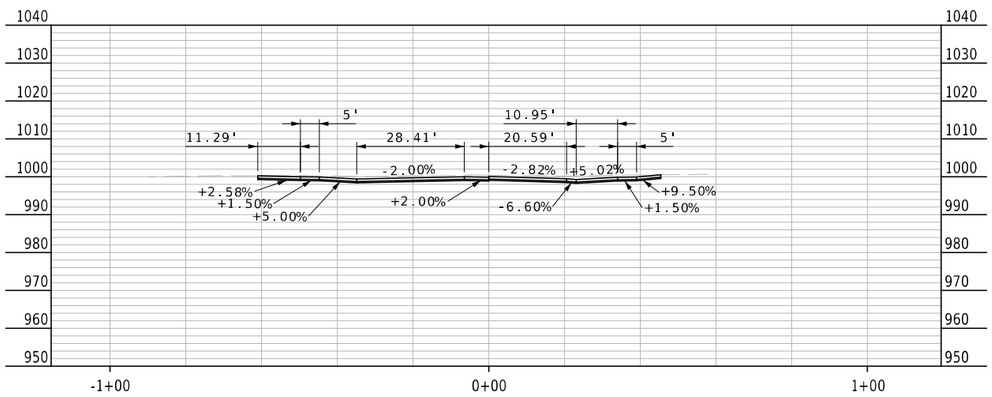
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

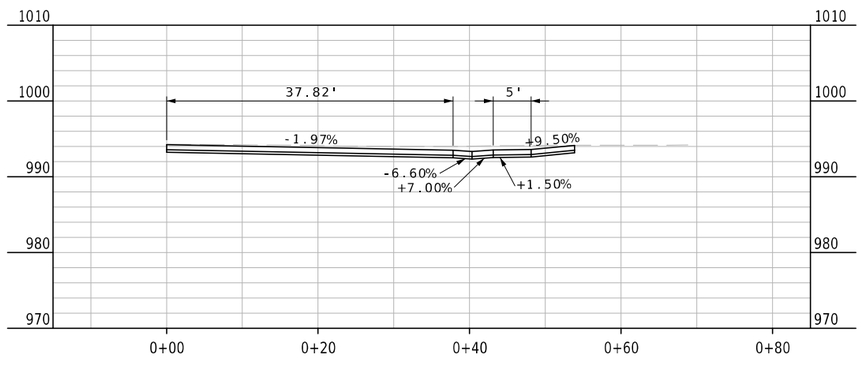
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
SIDE STREET PROFILES
SHEET 2 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	44

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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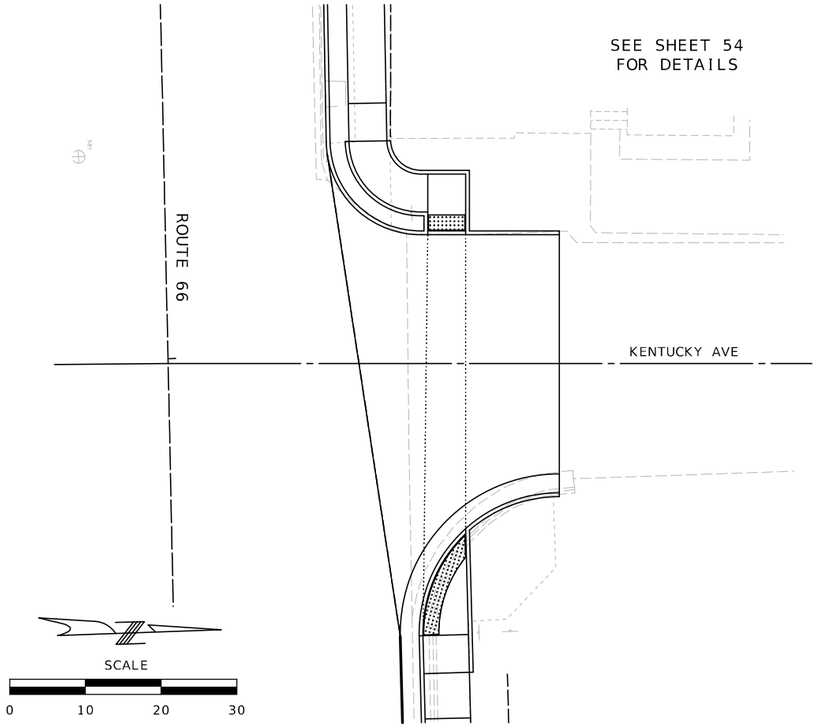
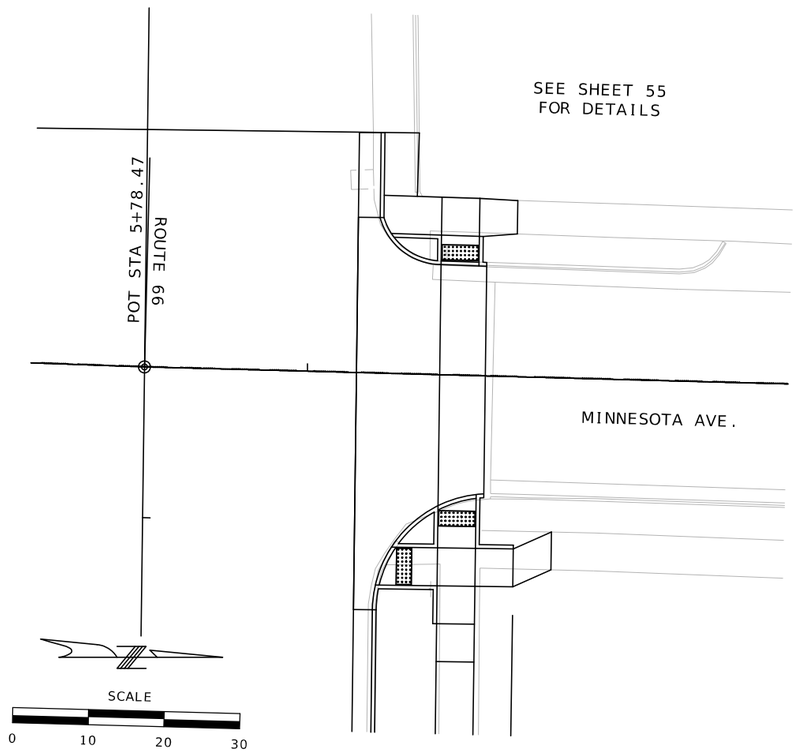
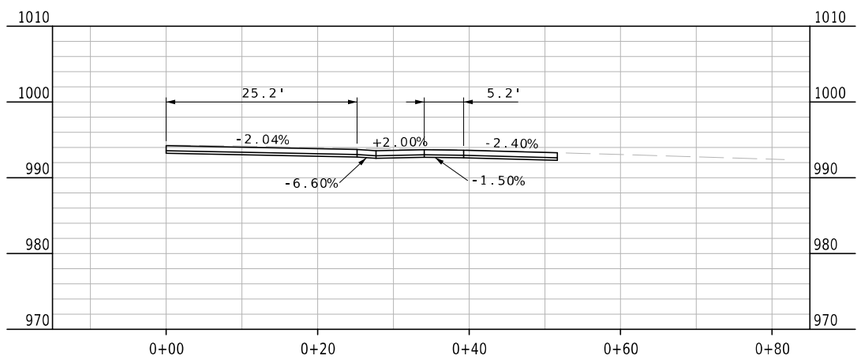
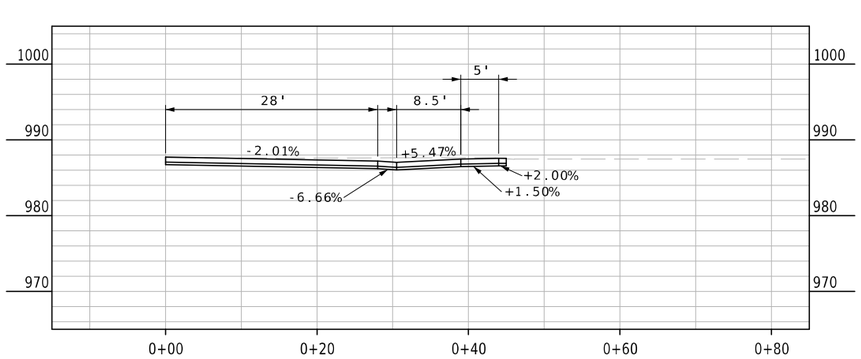








SPECIAL SHEET
SIDE STREET PROFILES
SHEET 3 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	45

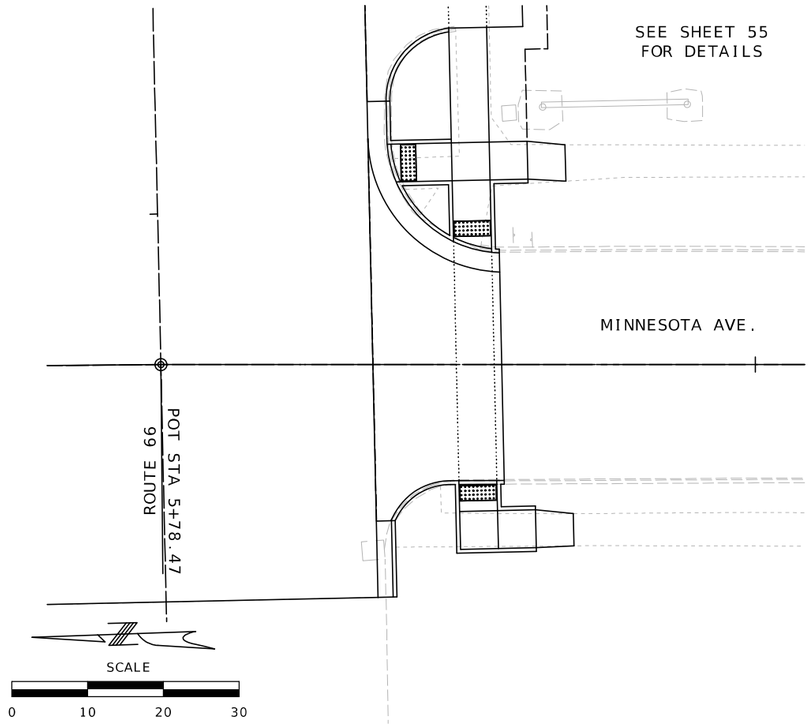
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

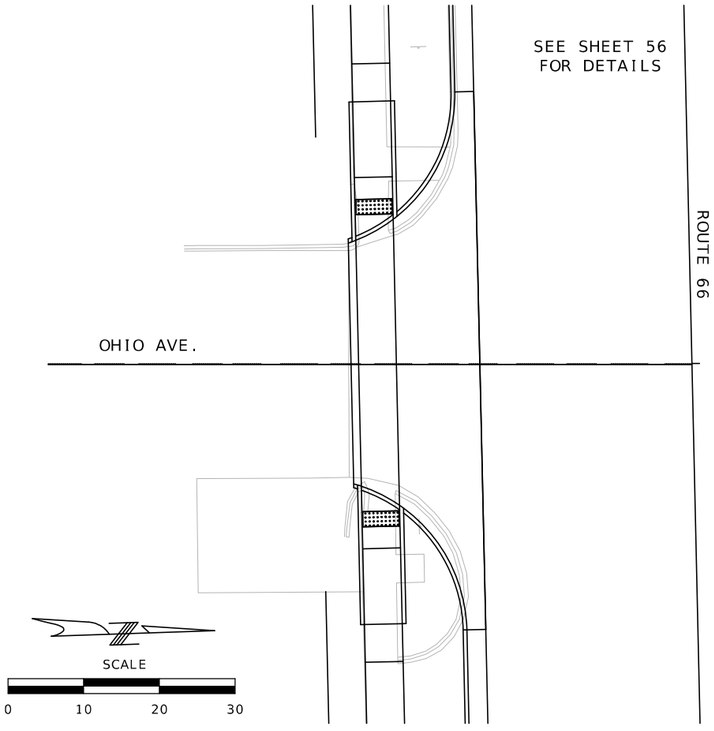
DESCRIPTION	DATE

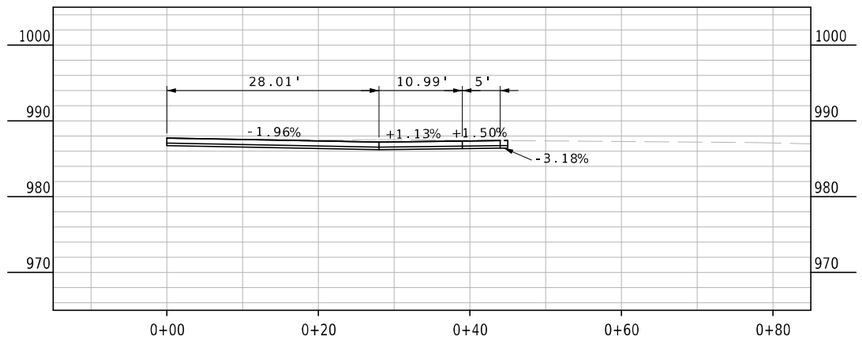
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

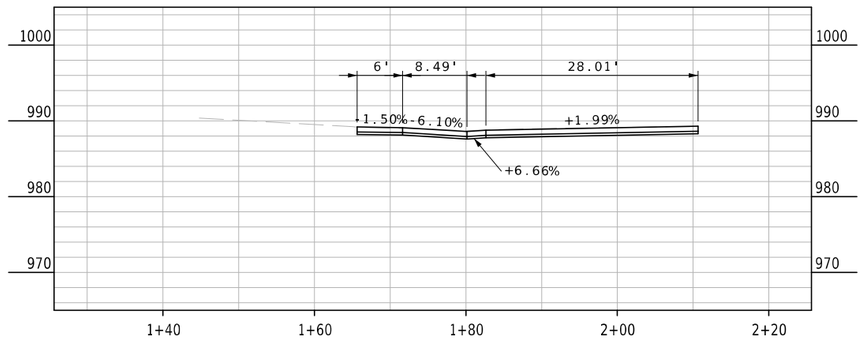
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
SIDE STREET PROFILES
SHEET 4 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	46

COUNTY: JASPER

JOB NO.: J7S2185D

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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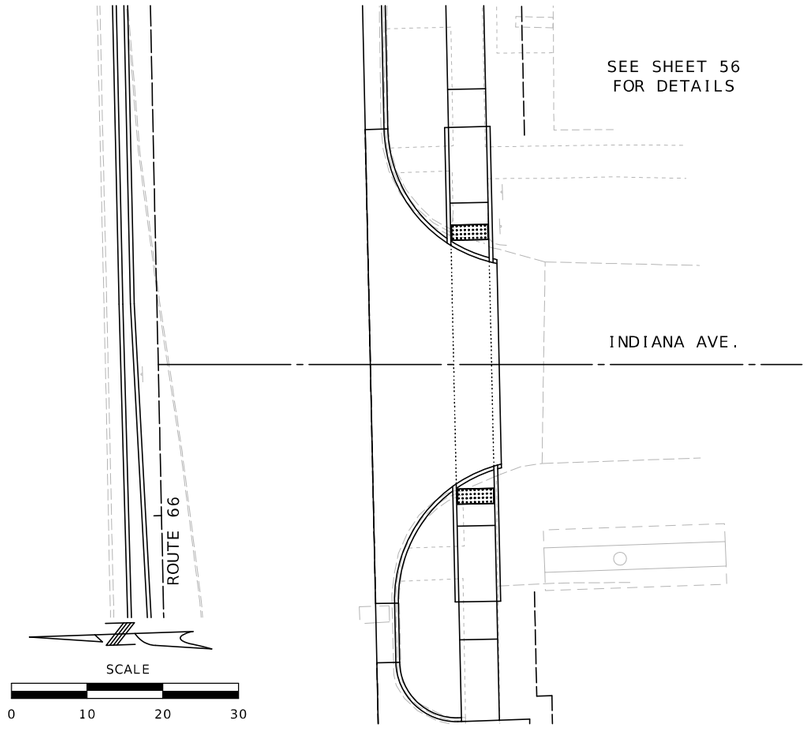

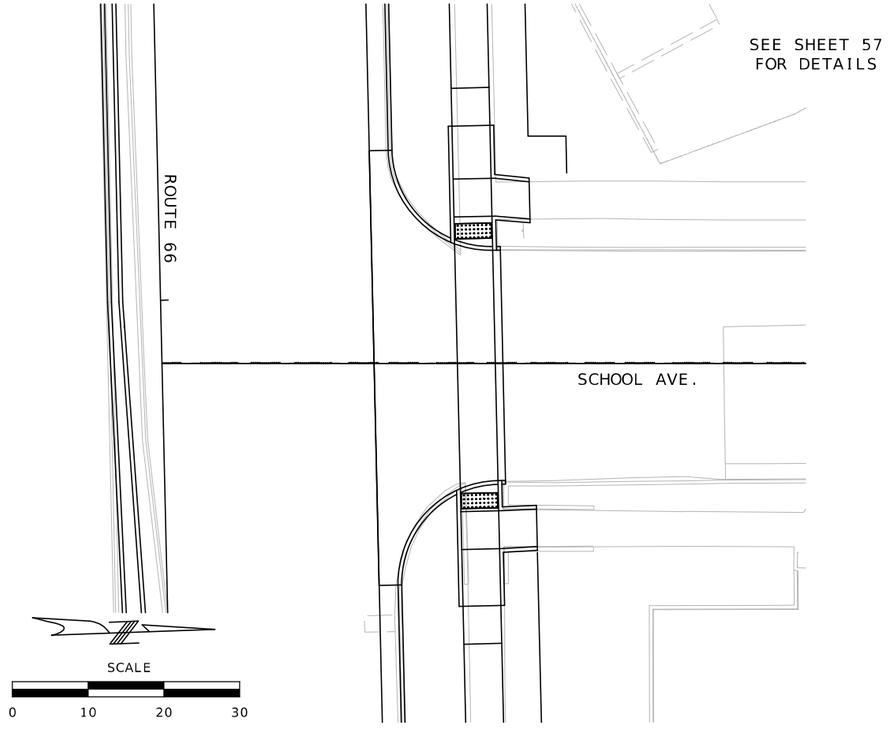

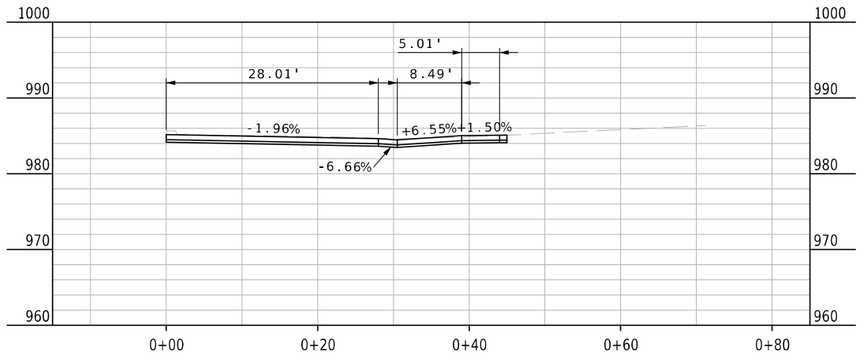

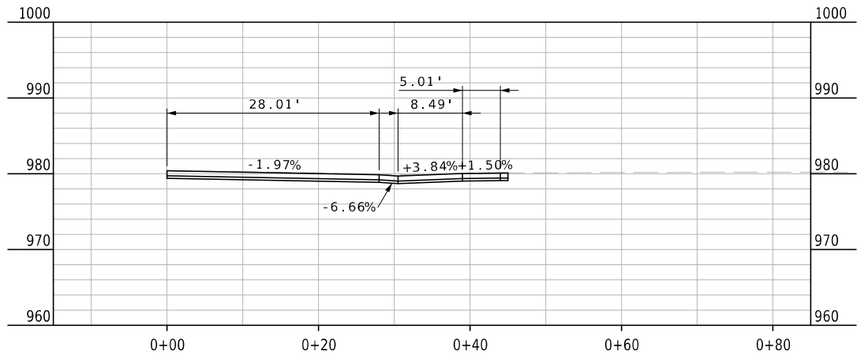

SPECIAL SHEET
SIDE STREET PROFILES
SHEET 5 OF 9

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	47

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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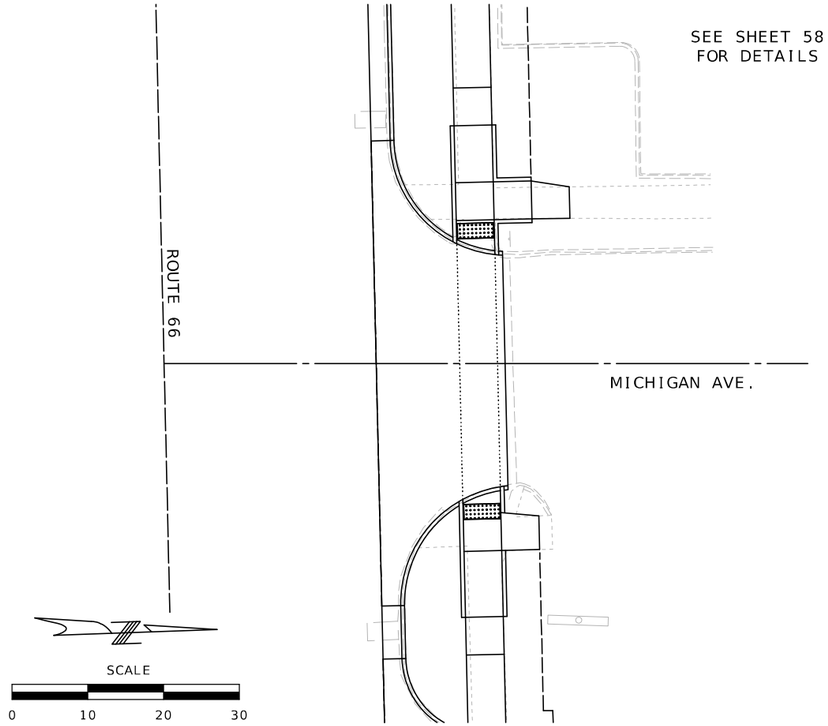

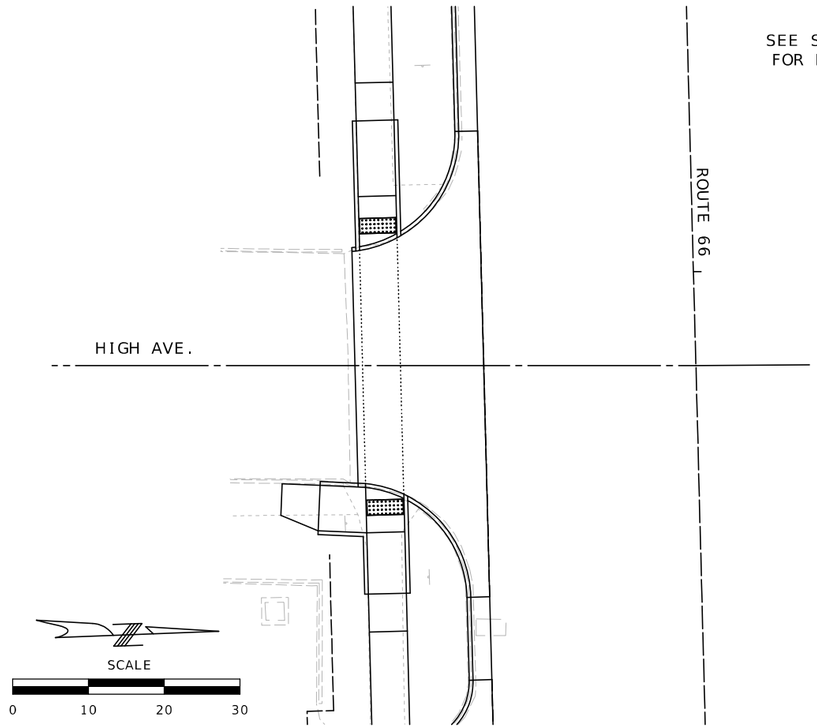

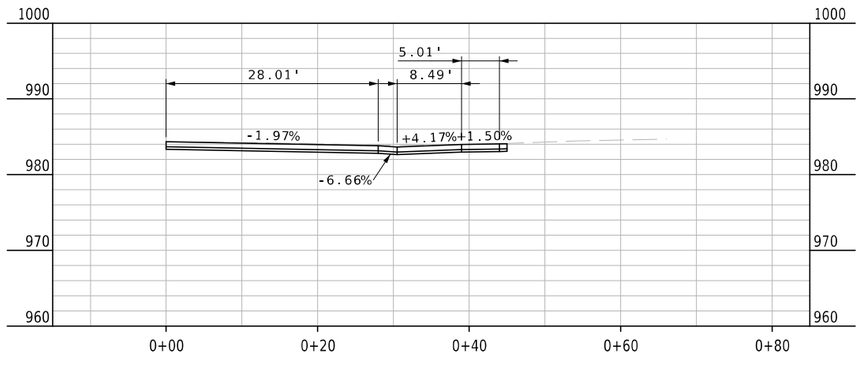

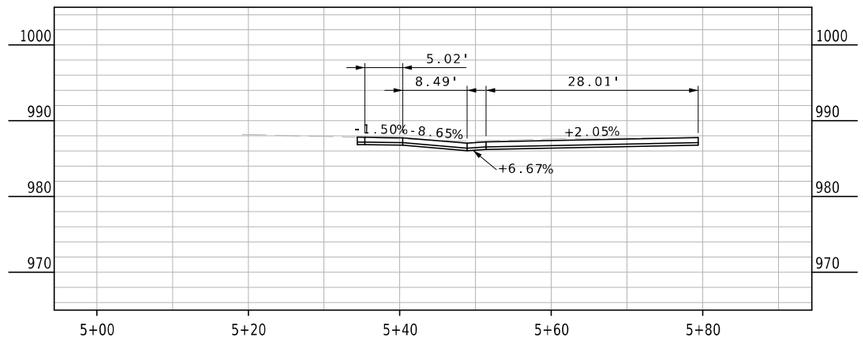

SPECIAL SHEET
SIDE STREET PROFILES
SHEET 6 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	48

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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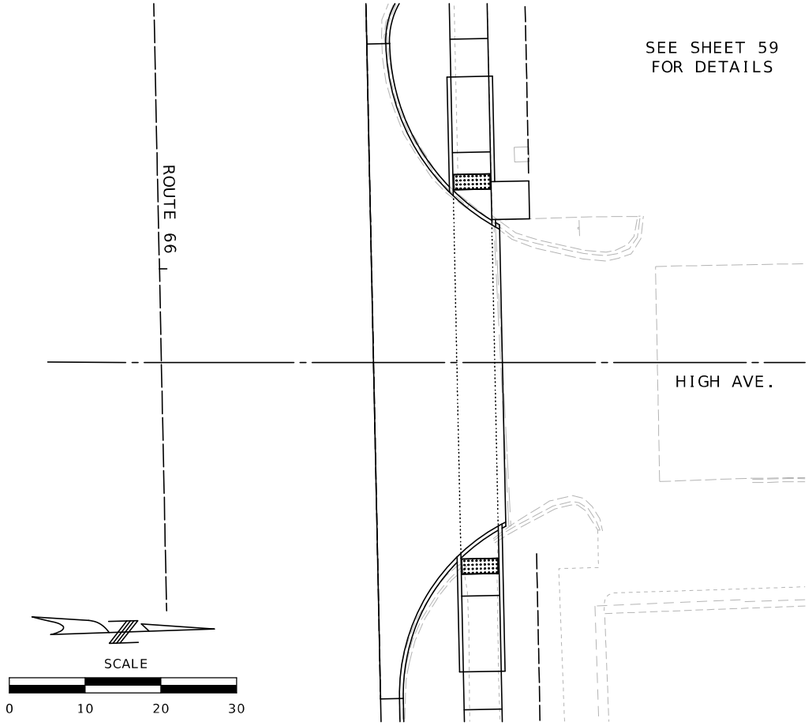

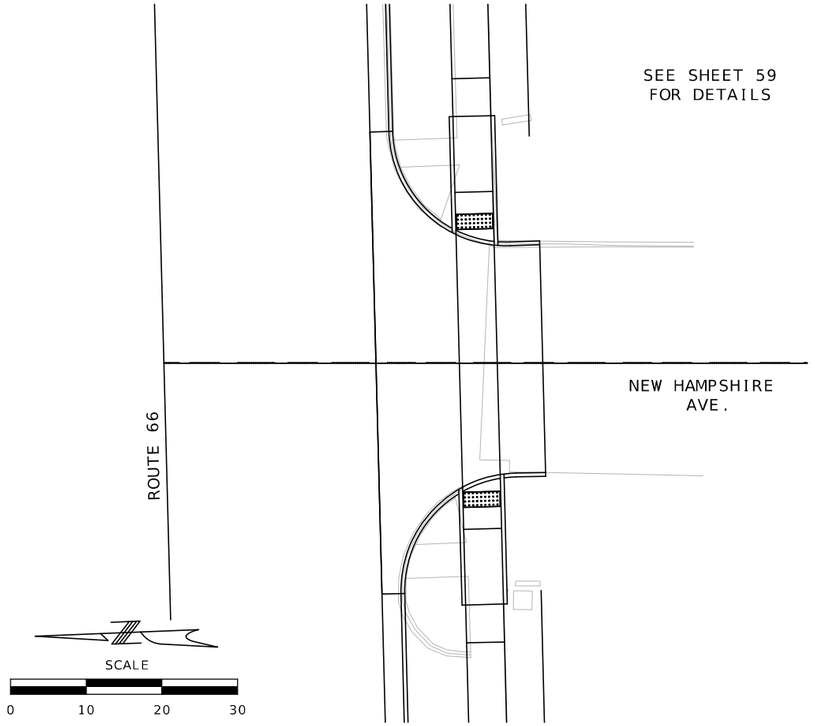

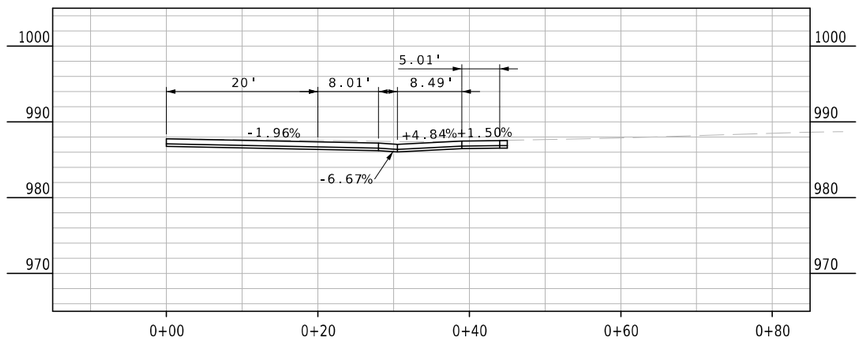

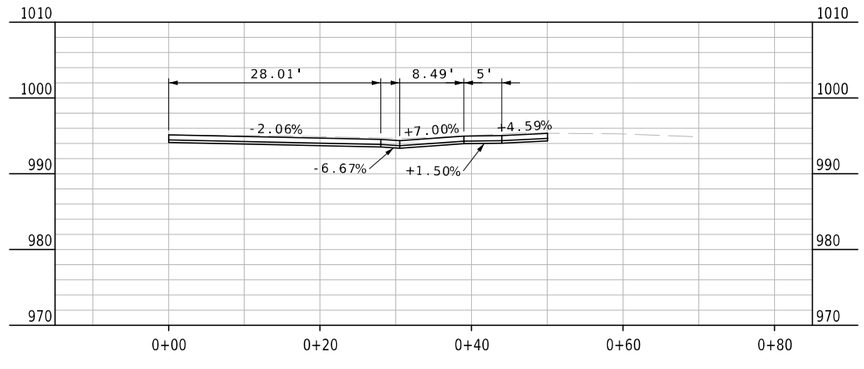

SPECIAL SHEET
SIDE STREET PROFILES
SHEET 7 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	49

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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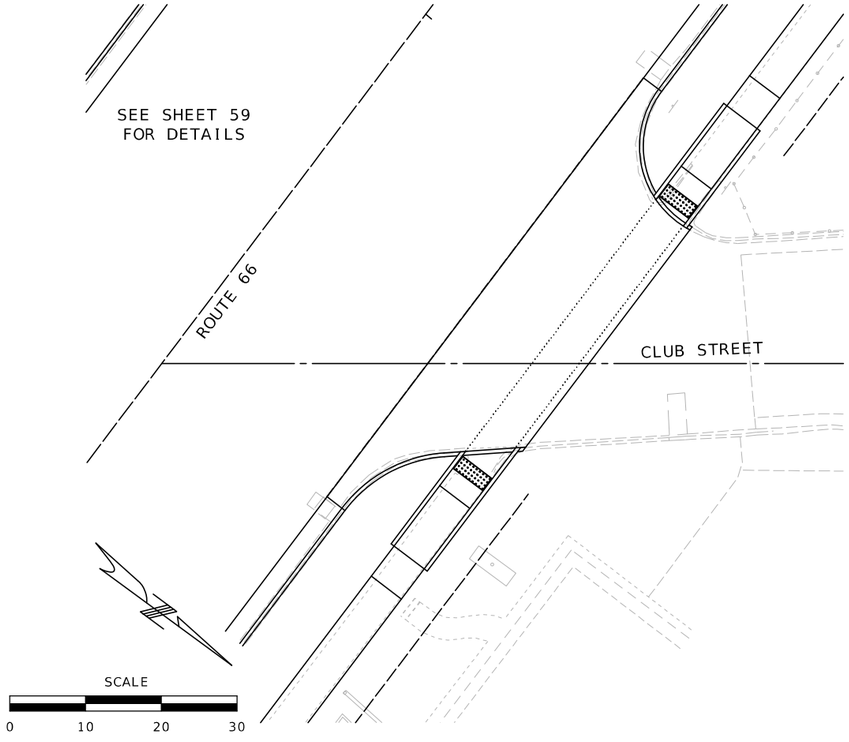
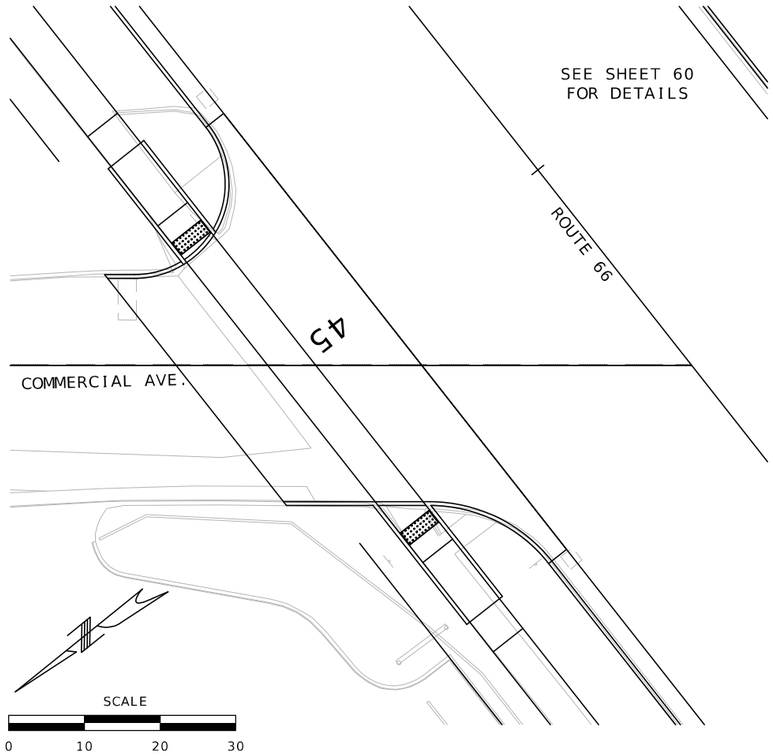
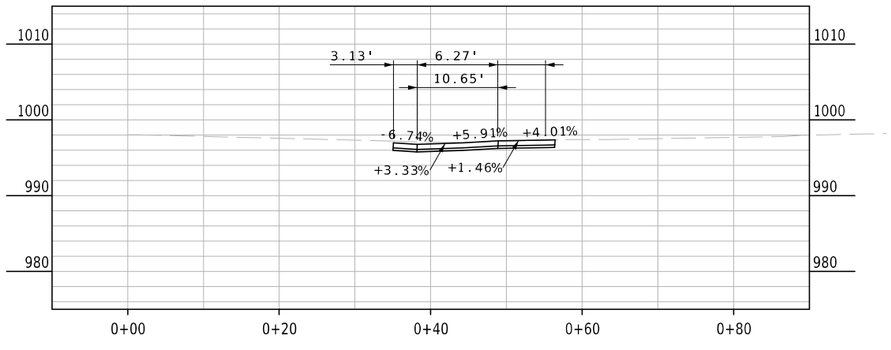
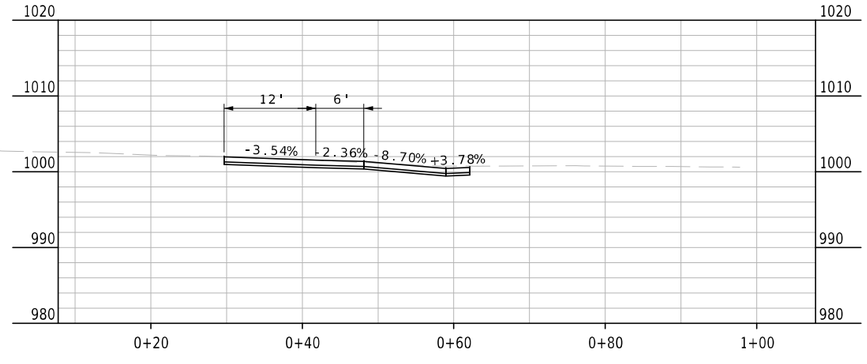








SPECIAL SHEET
SIDE STREET PROFILES
SHEET 8 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	50

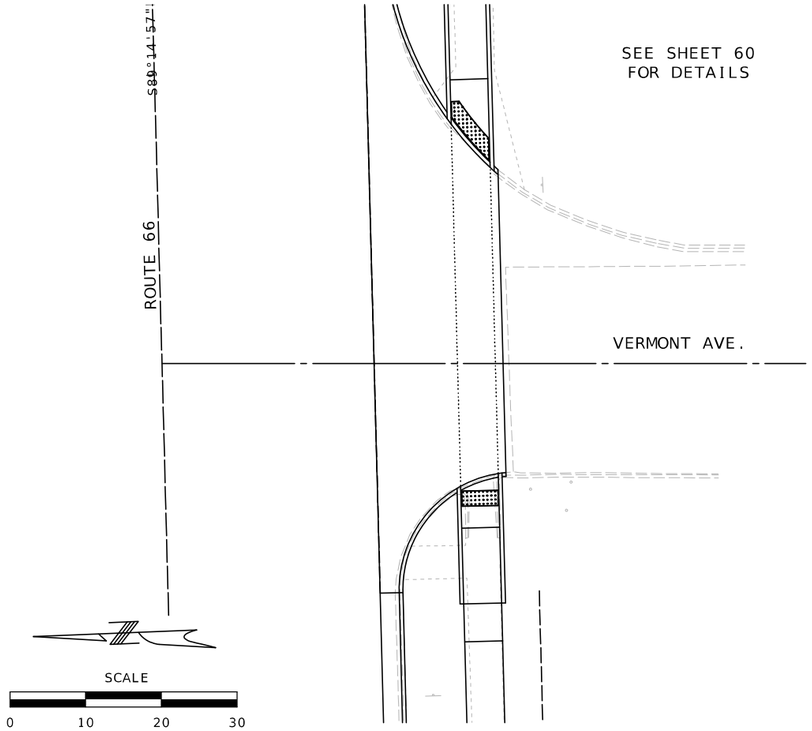
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

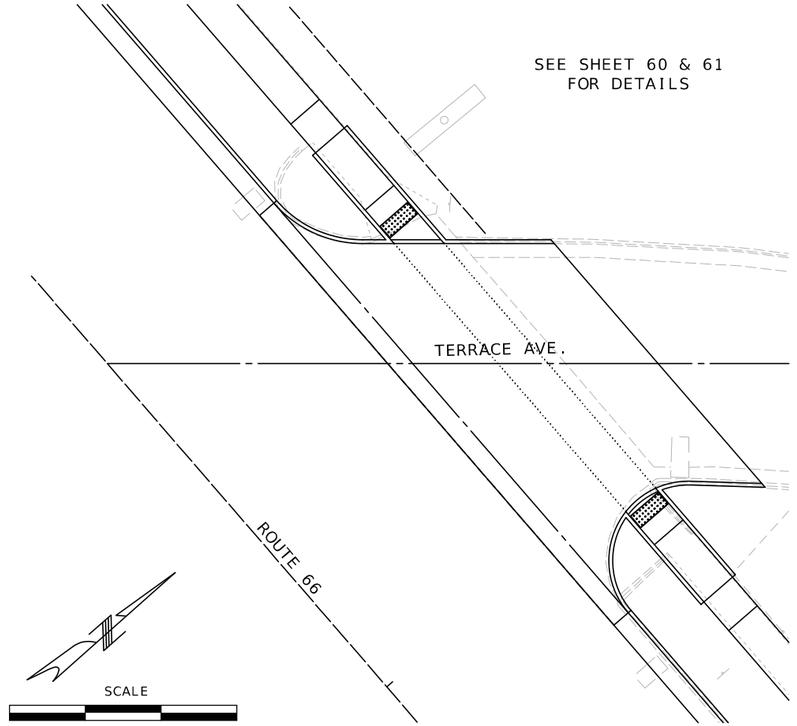
DESCRIPTION	DATE

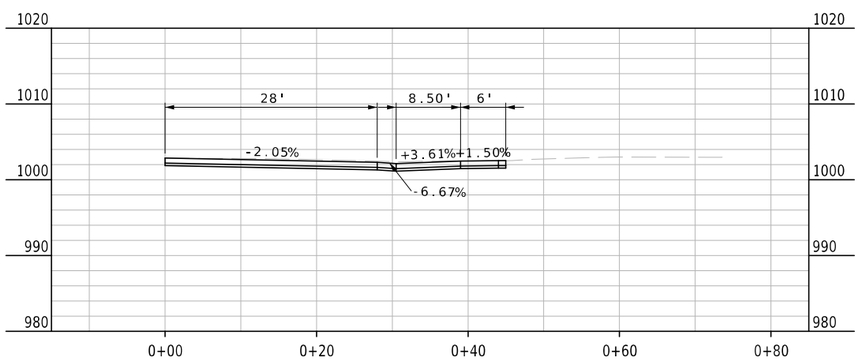
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

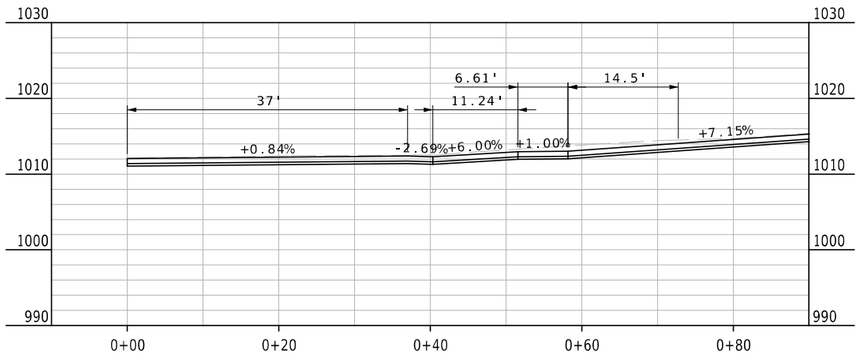
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
SIDE STREET PROFILES
SHEET 9 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	51

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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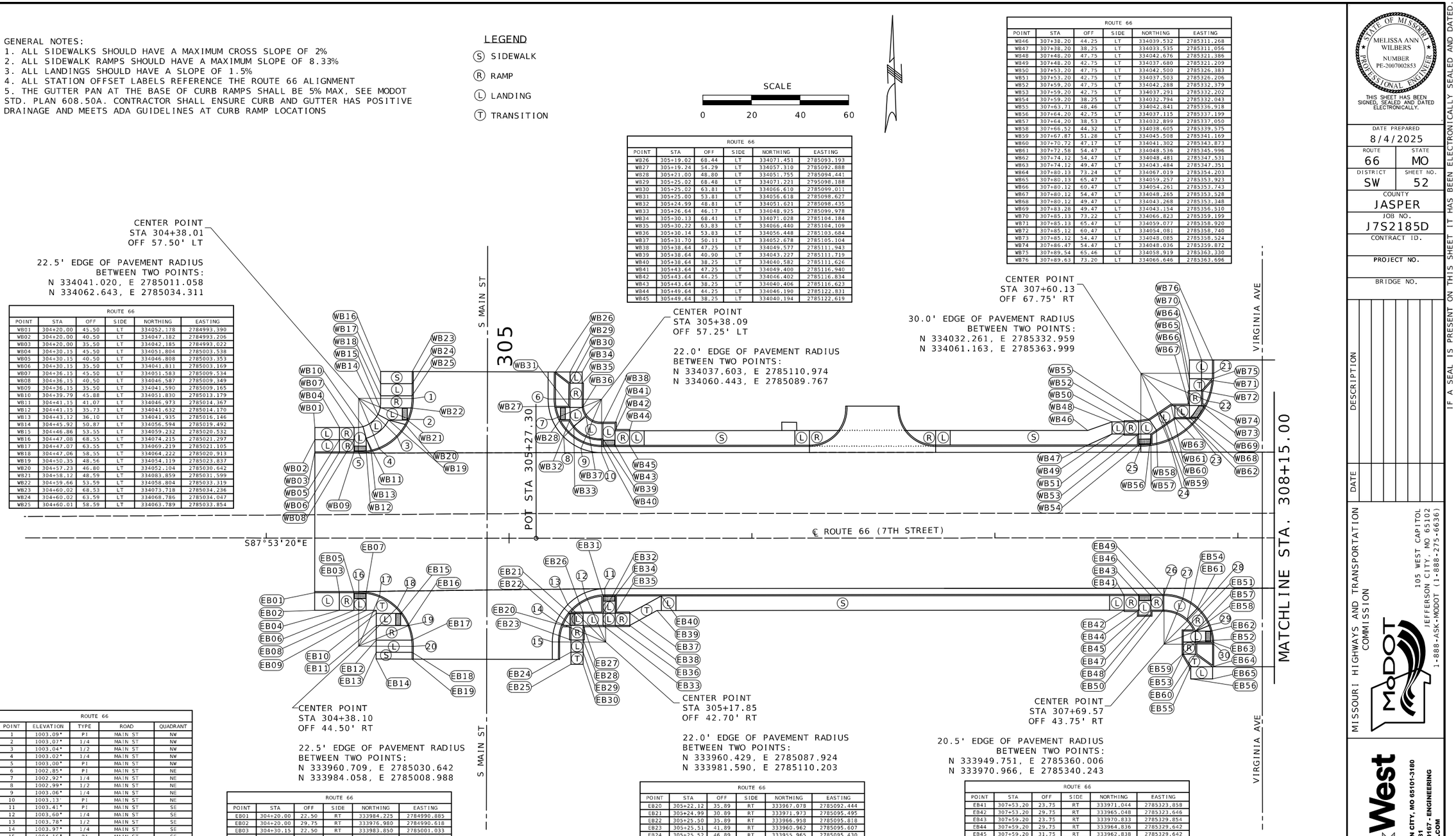
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60



ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	304+20.00	45.50	LT	334052.178	2784993.390
WB02	304+20.00	40.50	LT	334047.182	2784993.206
WB03	304+20.00	35.50	LT	334042.185	2784993.022
WB04	304+30.15	45.50	LT	334051.804	2785003.538
WB05	304+30.15	40.50	LT	334046.808	2785003.353
WB06	304+30.15	35.50	LT	334041.811	2785003.169
WB07	304+36.15	45.50	LT	334051.583	2785009.534
WB08	304+36.15	40.50	LT	334046.587	2785009.349
WB09	304+36.15	35.50	LT	334041.590	2785009.165
WB10	304+39.79	45.88	LT	334051.830	2785013.179
WB11	304+41.15	41.07	LT	334046.973	2785014.367
WB12	304+41.15	35.73	LT	334041.632	2785014.170
WB13	304+43.12	36.10	LT	334041.935	2785016.146
WB14	304+45.92	50.87	LT	334056.594	2785019.492
WB15	304+46.86	53.55	LT	334059.232	2785020.532
WB16	304+47.08	68.55	LT	334074.215	2785021.297
WB17	304+47.07	63.55	LT	334069.219	2785021.105
WB18	304+47.06	58.55	LT	334064.222	2785020.913
WB19	304+50.35	48.56	LT	334054.119	2785023.837
WB20	304+57.23	46.80	LT	334052.104	2785030.642
WB21	304+58.12	48.59	LT	334083.859	2785031.599
WB22	304+59.66	53.59	LT	334058.804	2785033.319
WB23	304+60.02	68.53	LT	334073.718	2785034.236
WB24	304+60.02	63.59	LT	334068.786	2785034.047
WB25	304+60.01	58.59	LT	334063.789	2785033.854

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
WB26	305+19.02	68.44	LT	334071.451	2785093.193
WB27	305+19.24	54.29	LT	334057.310	2785092.888
WB28	305+21.00	48.80	LT	334051.755	2785094.441
WB29	305+25.02	68.48	LT	334071.221	2795098.188
WB30	305+25.02	63.81	LT	334066.610	2785099.011
WB31	305+25.00	53.81	LT	334056.618	2785098.627
WB32	305+24.99	48.81	LT	334051.621	2785098.435
WB33	305+26.64	46.17	LT	334048.925	2785099.978
WB34	305+30.13	68.41	LT	334071.028	2785104.184
WB35	305+30.22	63.83	LT	334066.440	2785104.109
WB36	305+30.14	53.83	LT	334056.448	2785103.684
WB37	305+31.70	50.11	LT	334052.678	2785105.104
WB38	305+38.64	47.25	LT	334049.577	2785111.943
WB39	305+38.64	40.90	LT	334043.227	2785111.719
WB40	305+38.64	38.25	LT	334040.582	2785111.626
WB41	305+43.64	47.25	LT	334049.400	2785116.940
WB42	305+43.64	44.25	LT	334046.402	2785116.834
WB43	305+43.64	38.25	LT	334040.406	2785116.623
WB44	305+49.64	44.25	LT	334046.190	2785122.831
WB45	305+49.64	38.25	LT	334040.194	2785122.619

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
WB46	307+38.20	44.25	LT	334039.532	2785311.268
WB47	307+38.20	38.25	LT	334033.535	2785311.056
WB48	307+48.20	47.75	LT	334042.676	2785321.386
WB49	307+48.20	42.75	LT	334037.680	2785321.209
WB50	307+53.20	47.75	LT	334042.500	2785326.383
WB51	307+53.20	42.75	LT	334037.503	2785326.206
WB52	307+59.20	47.75	LT	334042.288	2785332.379
WB53	307+59.20	42.75	LT	334037.291	2785332.202
WB54	307+59.20	38.25	LT	334032.794	2785332.043
WB55	307+63.71	48.46	LT	334042.841	2785336.918
WB56	307+64.20	42.75	LT	334037.115	2785337.199
WB57	307+64.20	38.53	LT	334032.899	2785337.050
WB58	307+66.52	44.32	LT	334038.605	2785339.575
WB59	307+67.87	51.28	LT	334045.508	2785341.169
WB60	307+70.72	47.17	LT	334041.302	2785343.873
WB61	307+72.58	54.47	LT	334048.536	2785345.996
WB62	307+74.12	54.47	LT	334048.481	2785347.531
WB63	307+74.12	49.47	LT	334043.484	2785347.351
WB64	307+80.13	73.24	LT	334067.019	2785354.203
WB65	307+80.13	65.47	LT	334059.257	2785353.923
WB66	307+80.12	60.47	LT	334054.261	2785353.743
WB67	307+80.12	54.47	LT	334048.265	2785353.528
WB68	307+80.12	49.47	LT	334043.268	2785353.348
WB69	307+83.28	49.47	LT	334043.154	2785356.510
WB70	307+85.13	73.22	LT	334066.823	2785359.199
WB71	307+85.13	65.47	LT	334059.077	2785358.920
WB72	307+85.12	60.47	LT	334054.081	2785358.740
WB73	307+85.12	54.47	LT	334048.085	2785358.524
WB74	307+86.47	54.47	LT	334048.036	2785359.872
WB75	307+89.54	65.46	LT	334058.919	2785363.330
WB76	307+89.63	73.20	LT	334066.646	2785363.696

ROUTE 66

POINT	ELEVATION	TYPE	ROAD	QUADRANT
1	1003.09'	PI	MAIN ST	NW
2	1003.07'	1/4	MAIN ST	NW
3	1003.04'	1/2	MAIN ST	NW
4	1003.02'	1/4	MAIN ST	NW
5	1003.00'	PI	MAIN ST	NW
6	1002.85'	PI	MAIN ST	NE
7	1002.92'	1/4	MAIN ST	NE
8	1002.99'	1/2	MAIN ST	NE
9	1003.06'	1/4	MAIN ST	NE
10	1003.13'	PI	MAIN ST	NE
11	1003.41'	PI	MAIN ST	SE
12	1003.60'	1/4	MAIN ST	SE
13	1003.78'	1/2	MAIN ST	SE
14	1003.97'	1/4	MAIN ST	SE
15	1004.16'	PI	MAIN ST	SE
16	1003.26'	PI	MAIN ST	SW
17	1003.49'	1/4	MAIN ST	SW
18	1003.72'	1/2	MAIN ST	SW
19	1003.95'	1/4	MAIN ST	SW
20	1004.18'	PI	MAIN ST	SW
21	999.18'	PI	VIRGINIA AVE	NW
22	999.65'	1/4	VIRGINIA AVE	NW
23	1000.12'	1/2	VIRGINIA AVE	NW
24	1000.59'	1/4	VIRGINIA AVE	NW
25	1001.06'	PI	VIRGINIA AVE	NW
26	1001.28'	PI	VIRGINIA AVE	SW
27	1001.34'	1/4	VIRGINIA AVE	SW
28	1001.40'	1/2	VIRGINIA AVE	SW
29	1001.46'	1/4	VIRGINIA AVE	SW
30	1001.52'	PI	VIRGINIA AVE	SW

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	304+20.00	22.50	RT	333984.225	2784990.885
EB02	304+20.00	29.75	RT	333976.980	2784990.618
EB03	304+30.15	22.50	RT	333983.850	2785001.033
EB04	304+30.15	29.75	RT	333976.605	2785000.766
EB05	304+36.15	22.50	RT	333983.629	2785007.029
EB06	304+36.15	29.75	RT	333976.384	2785006.761
EB07	304+41.15	22.71	RT	333983.232	2785012.017
EB08	304+41.15	29.75	RT	333976.200	2785011.758
EB09	304+45.36	29.75	RT	333976.045	2785015.957
EB10	304+45.35	31.01	RT	333974.785	2785015.909
EB11	304+45.35	36.01	RT	333969.789	2785015.717
EB12	304+45.34	42.01	RT	333963.793	2785015.486
EB13	304+45.33	47.01	RT	333958.797	2785015.294
EB14	304+45.33	49.75	RT	333956.060	2785015.189
EB15	304+55.46	31.00	RT	333974.428	2785026.012
EB16	304+58.38	35.99	RT	333969.328	2785028.747
EB17	304+60.09	49.77	RT	333955.493	2785029.941
EB18	304+59.95	41.99	RT	333963.277	2785030.093
EB19	304+60.09	46.99	RT	333958.275	2785030.048

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
EB20	305+22.12	35.89	RT	333967.078	2785092.444
EB21	305+24.99	30.89	RT	333971.973	2785095.495
EB22	305+25.50	35.89	RT	333966.958	2785095.818
EB23	305+25.51	41.89	RT	333960.962	2785095.607
EB24	305+25.52	46.89	RT	333955.965	2785095.430
EB25	305+25.52	51.89	RT	333950.968	2785095.256
EB26	305+30.44	30.89	RT	333971.779	2785100.992
EB27	305+30.44	35.89	RT	333966.782	2785100.815
EB28	305+30.44	41.89	RT	333960.786	2785100.603
EB29	305+30.44	46.89	RT	333955.789	2785100.427
EB30	305+30.44	51.89	RT	333950.792	2785100.250
EB31	305+38.64	23.78	RT	333978.586	2785109.435
EB32	305+38.64	30.89	RT	333971.489	2785109.184
EB33	305+38.64	35.89	RT	333966.492	2785109.008
EB34	305+43.64	23.75	RT	333978.444	2785114.433
EB35	305+43.64	30.89	RT	333971.313	2785114.181
EB36	305+43.64	35.89	RT	333966.316	2785114.005
EB37	305+49.64	30.89	RT	333971.101	2785120.177
EB38	305+49.64	35.89	RT	333966.104	2785120.001
EB39	305+60.86	29.75	RT	333971.840	2785131.431
EB40	305+62.69	23.75	RT	333977.772	2785133.470

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
EB41	307+53.20	23.75	RT	333971.044	2785323.858
EB42	307+53.20	29.75	RT	333965.048	2785323.646
EB43	307+59.20	23.75	RT	333970.833	2785329.854
EB44	307+59.20	29.75	RT	333964.836	2785329.642
EB45	307+59.20	31.75	RT	333962.838	2785329.642
EB46	307+64.20	23.75	RT	333970.656	2785334.851
EB47	307+64.20	29.75	RT	333964.660	2785334.639
EB48	307+64.20	31.75	RT	333962.661	2785334.568
EB49	307+69.20	23.75	RT	333970.479	2785339.848
EB50	307+69.20	29.75	RT	333964.483	2785339.636
EB51	307+77.54	38.39	RT	333955.550	2785347.667
EB52	307+77.54	42.89	RT	333951.052	2785347.508
EB53	307+77.54	47.89	RT	333946.056	2785347.330
EB54	307+79.11	33.50	RT	333960.381	2785349.415
EB55	307+80.57	53.07	RT	333940.774	2785350.181
EB56	307+80.57	58.07	RT	333935.777	2785350.003
EB57	307+82.51	38.40	RT	333955.373	2785352.633
EB58	307+82.54	38.40	RT	333955.372	2785352.664
EB59	307+82.54	42.90	RT	333950.875	2785352.504
EB60	307+82.54	47.90	RT	333945.878	2785352.327
EB61	307+83.20	29.11	RT	333964.625	2785353.656
EB62	307+88.84	38.40	RT	333955.148	2785358.966
EB63	307+89.56	42.90	RT	333950.626	2785359.518
EB64	307+89.57	53.07	RT	333940.455	2785359.175
EB65	307+89.57	58.07	RT	333935.458	2785358.998

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 1 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 52
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	308+33.88	54.66	LT	334046.556	2785407.265
WB02	308+37.34	49.34	LT	334041.120	2785410.529
WB03	308+37.42	50.05	LT	334041.825	2785410.633
WB04	308+38.21	50.67	LT	334042.414	2785411.442
WB05	308+38.90	50.59	LT	334042.311	2785412.135
WB06	308+34.88	73.17	LT	334065.017	2785408.916
WB07	308+34.88	68.27	LT	334060.120	2785408.740
WB08	308+35.55	62.40	LT	334054.233	2785409.206
WB09	308+37.67	56.59	LT	334048.346	2785411.119
WB10	308+40.48	73.16	LT	334064.815	2785414.510
WB11	308+39.88	68.26	LT	334059.940	2785413.737
WB12	308+40.42	63.54	LT	334055.196	2785414.112
WB13	308+42.13	58.85	LT	334050.453	2785415.654
WB14	308+42.53	54.06	LT	334045.650	2785415.884
WB15	308+44.3	55.45	LT	334046.975	2785417.702
WB16	208+50.21	40.12	LT	334031.448	2785423.063
WB17	308+50.85	40.42	LT	334034.730	2785423.719
WB18	308+50.88	42.00	LT	334033.305	2785423.805
WB19	308+51.18	41.37	LT	334032.662	2785424.081
WB20	308+55.73	38.65	LT	334029.787	2785428.535
WB21	308+56.71	44.57	LT	334035.668	2785429.723
WB22	308+62.19	38.25	LT	334029.157	2785434.977
WB23	308+62.19	44.25	LT	334035.153	2785435.189

ROUTE 66

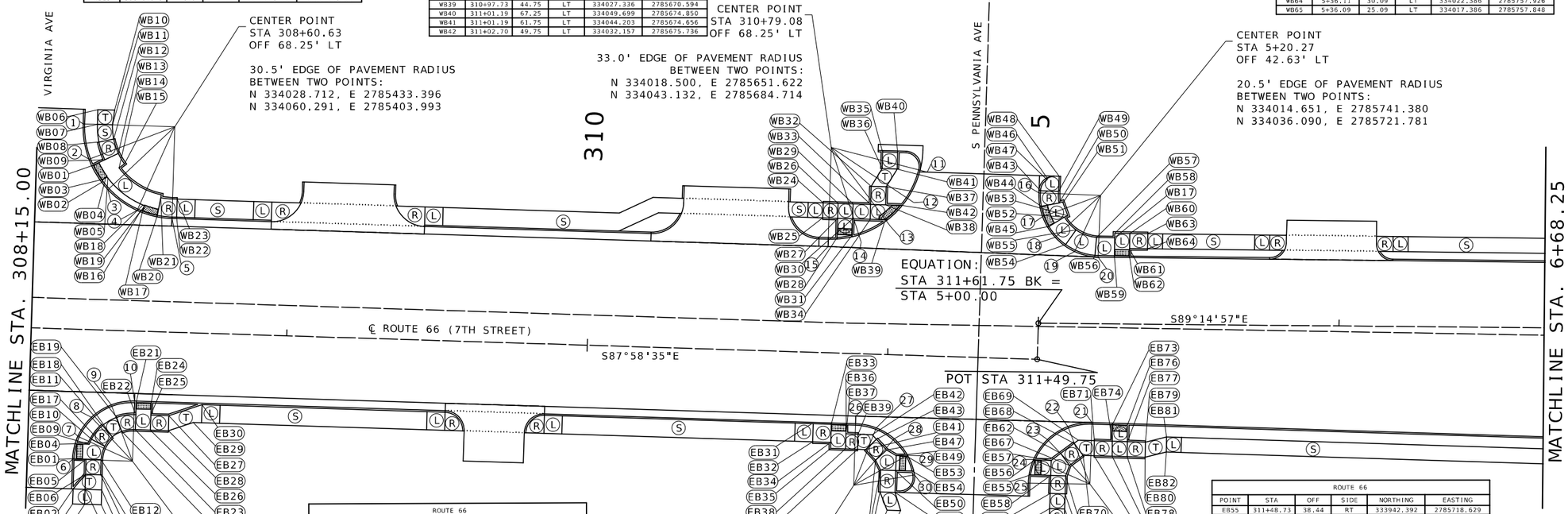
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB24	310+76.96	49.75	LT	334033.066	2785650.018
WB25	310+76.96	44.75	LT	334028.069	2785649.842
WB26	310+81.96	49.75	LT	334032.889	2785655.015
WB27	310+81.96	44.75	LT	334027.892	2785654.839
WB28	310+81.96	38.39	LT	334021.535	2785654.614
WB29	310+86.96	49.75	LT	334032.713	2785660.012
WB30	310+86.96	44.75	LT	334027.716	2785659.836
WB31	310+86.96	39.30	LT	334022.273	2785659.643
WB32	310+92.73	55.75	LT	334038.505	2785665.985
WB33	310+92.73	49.75	LT	334032.509	2785665.774
WB34	310+92.73	44.75	LT	334027.512	2785665.597
WB35	310+96.19	67.25	LT	334049.876	2785669.853
WB36	310+96.19	61.75	LT	334044.379	2785669.659
WB37	310+97.73	55.75	LT	334038.329	2785670.982
WB38	310+97.73	49.75	LT	334032.333	2785670.770
WB39	310+97.73	44.75	LT	334027.336	2785670.594
WB40	311+01.19	67.25	LT	334049.699	2785674.850
WB41	311+01.19	61.75	LT	334044.203	2785674.656
WB42	311+02.70	49.75	LT	334032.157	2785675.736

ROUTE 66

POINT	ELEVATION	TYPE	ROAD	QUADRANT
1	998.88'	PI	VIRGINIA AVE	NE
2	999.26'	1/4	VIRGINIA AVE	NE
3	999.65'	1/2	VIRGINIA AVE	NE
4	1000.03'	1/4	VIRGINIA AVE	NE
5	1000.41'	PI	VIRGINIA AVE	NE
6	1000.76'	PI	VIRGINIA AVE	SE
7	1000.92'	1/4	VIRGINIA AVE	SE
8	1001.08'	1/2	VIRGINIA AVE	SE
9	1001.23'	1/4	VIRGINIA AVE	SE
10	1001.39'	PI	VIRGINIA AVE	SE
11	999.91'	PI	PENNSYLVANIA AVE	NW
12	999.85'	1/4	PENNSYLVANIA AVE	NW
13	999.78'	1/2	PENNSYLVANIA AVE	NW
14	999.71'	1/4	PENNSYLVANIA AVE	NW
15	999.65'	PI	PENNSYLVANIA AVE	NW
16	999.78'	PI	PENNSYLVANIA AVE	NE
17	999.60'	1/4	PENNSYLVANIA AVE	NE
18	999.41'	1/2	PENNSYLVANIA AVE	NE
19	999.22'	1/4	PENNSYLVANIA AVE	NE
20	999.03'	PI	PENNSYLVANIA AVE	NE
21	998.84'	PI	PENNSYLVANIA AVE	SE
22	999.07'	1/4	PENNSYLVANIA AVE	SE
23	999.47'	1/2	PENNSYLVANIA AVE	SE
24	999.81'	1/4	PENNSYLVANIA AVE	SE
25	999.99'	PI	PENNSYLVANIA AVE	SE
26	999.72'	PI	PENNSYLVANIA AVE	SW
27	999.81'	1/4	PENNSYLVANIA AVE	SW
28	999.89'	1/2	PENNSYLVANIA AVE	SW
29	999.98'	1/4	PENNSYLVANIA AVE	SW
30	1000.06'	PI	PENNSYLVANIA AVE	SW

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
WB43	5+00.31	44.02	LT	334036.777	2785722.313
WB44	5+00.63	38.86	LT	334031.618	2785722.570
WB45	5+03.21	32.20	LT	334024.923	2785725.060
WB46	5+02.45	48.33	LT	334041.058	2785724.516
WB47	5+02.43	47.74	LT	334040.470	2785724.488
WB48	5+06.47	48.88	LT	334041.557	2785728.543
WB49	5+06.31	43.88	LT	334036.562	2785728.310
WB50	5+06.52	39.99	LT	334032.672	2785728.476
WB51	5+07.83	40.15	LT	334032.818	2785729.782
WB52	5+08.33	35.33	LT	334027.986	2785730.220
WB53	5+09.52	35.79	LT	334028.430	2785731.415
WB54	5+08.84	26.22	LT	334018.871	2785730.615
WB55	5+12.27	31.14	LT	334023.749	2785734.108
WB56	5+18.60	22.70	LT	334015.226	2785740.326
WB57	5+19.10	28.68	LT	334021.198	2785740.906
WB58	5+25.11	30.12	LT	334022.558	2785746.928
WB59	5+25.10	28.62	LT	334021.058	2785746.904
WB60	5+25.09	22.62	LT	334015.059	2785746.811
WB61	5+30.11	30.11	LT	334022.480	2785751.927
WB62	5+30.09	25.11	LT	334017.480	2785751.849
WB63	5+30.09	22.61	LT	334014.980	2785751.810
WB64	5+36.11	30.09	LT	334022.386	2785757.926
WB65	5+36.09	25.09	LT	334017.386	2785757.848



ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	308+30.57	43.08	RT	333948.992	2785400.505
EB02	308+30.57	53.08	RT	333938.998	2785400.149
EB03	308+30.57	58.08	RT	333934.002	2785399.972
EB04	308+31.27	38.08	RT	333953.964	2785401.378
EB05	308+34.57	43.08	RT	333948.850	2785404.502
EB06	308+34.57	48.08	RT	333943.853	2785404.324
EB07	308+34.57	53.08	RT	333938.856	2785404.147
EB08	308+34.57	58.08	RT	333933.860	2785403.969
EB09	308+35.46	38.08	RT	333953.815	2785405.565
EB10	308+36.17	36.41	RT	333955.466	2785406.329
EB11	308+39.71	31.73	RT	333960.018	2785410.034
EB12	308+39.58	43.08	RT	333948.672	2785409.500
EB13	308+39.57	48.08	RT	333943.676	2785409.321
EB14	308+40.07	48.08	RT	333943.658	2785409.821
EB15	308+40.07	53.08	RT	333938.661	2785409.643
EB16	308+40.07	58.08	RT	333933.664	2785409.466
EB17	308+40.65	38.61	RT	333953.101	2785410.735
EB18	308+43.05	35.44	RT	333956.185	2785413.244
EB19	308+44.31	28.86	RT	333962.719	2785414.735
EB20	308+46.17	33.50	RT	333958.015	2785416.429
EB21	308+50.65	23.75	RT	333967.603	2785421.253
EB22	308+50.65	27.75	RT	333963.606	2785421.112
EB23	308+50.65	32.75	RT	333958.609	2785420.935
EB24	308+55.65	23.75	RT	333967.427	2785426.250
EB25	308+55.65	27.75	RT	333963.429	2785426.109
EB26	308+55.65	32.75	RT	333958.432	2785425.932
EB27	308+61.65	27.75	RT	333963.217	2785432.105
EB28	308+61.65	32.75	RT	333958.220	2785431.928
EB29	308+69.85	29.75	RT	333960.929	2785440.231
EB30	308+72.59	23.75	RT	333966.829	2785443.175

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
EB31	310+75.96	23.75	RT	333959.647	2785646.424
EB32	310+75.96	29.75	RT	333953.651	2785646.212
EB33	310.81.96	23.75	RT	333959.435	2785652.420
EB34	310+81.96	29.75	RT	333953.439	2785652.208
EB35	310+81.96	31.75	RT	333951.440	2785652.137
EB36	310+86.96	23.75	RT	333959.258	2785657.417
EB37	310+86.96	26.75	RT	333956.260	2785657.311
EB38	310+86.96	31.75	RT	333951.263	2785657.134
EB39	310+90.96	26.75	RT	333956.119	2785661.308
EB40	310+90.96	31.75	RT	333951.122	2785661.132
EB41	310+93.62	31.75	RT	333951.028	2785663.791
EB42	310+95.7	26.75	RT	333955.952	2785666.038
EB43	310+97.16	28.21	RT	333954.436	2785667.450
EB44	310+97.08	35.21	RT	333947.453	2785667.121
EB45	310+98.85	38.44	RT	333944.160	2785668.774
EB46	310+98.85	45.71	RT	333936.888	2785668.516
EB47	311+00.61	31.67	RT	333950.861	2785670.780
EB48	311+01.39	51.70	RT	333930.812	2785670.850
EB49	311+03.85	33.44	RT	333948.980	2785673.948
EB50	311+03.85	38.44	RT	333943.983	2785673.770
EB51	311+03.85	45.69	RT	333936.731	2785673.513
EB52	311+05.91	51.69	RT	333930.670	2785675.366
EB53	311+07.17	33.44	RT	333948.862	2785677.268
EB54	311+09.31	38.44	RT	333943.789	2785679.235

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
EB55	311+48.73	38.44	RT	333942.392	2785718.629
EB56	311+50.14	33.45	RT	333947.343	2785720.104
EB57	5+04.12	33.92	RT	333947.152	2785725.482
EB58	5+04.29	38.86	RT	333942.155	2785725.304
EB59	5+04.40	44.80	RT	333936.159	2785725.092
EB60	5+04.54	49.77	RT	333931.162	2785724.915
EB61	5+04.65	54.73	RT	333926.167	2785724.680
EB62	5+07.77	32.22	RT	333949.475	2785728.628
EB63	5+09.19	39.90	RT	333941.978	2785730.301
EB64	5+09.29	45.71	RT	333935.982	2785730.089
EB65	5+09.40	50.58	RT	333930.985	2785729.911
EB66	5+09.54	55.48	RT	333925.988	2785729.748
EB67	5+10.79	36.88	RT	333945.448	2785731.602
EB68	5+12.26	30.50	RT	333952.805	2785733.164
EB69	5+13.64	30.16	RT	333953.836	2785734.565
EB70	5+15.28	35.39	RT	333948.778	2785736.127
EB71	5+18.93	33.03	RT	333953.650	2785739.851
EB72	5+18.93	37.21	RT	333948.650	2785739.773
EB73	5+24.93	33.13	RT	333958.950	2785745.935
EB74	5+24.93	36.94	RT	333953.438	2785745.848
EB75	5+24.93	40.73	RT	333948.438	2785745.770
EB76	5+29.93	33.61	RT	333958.773	2785750.932
EB77	5+29.93	39.12	RT	333953.262	2785750.846
EB78	5+29.93	44.08	RT	333948.262	2785750.768
EB79	5+35.93	39.25	RT	333953.050	2785756.844
EB80	5+35.92	44.25	RT	333948.050	2785756.766
EB81	5+42.94	37.41	RT	333954.803	2785763.872
EB82	5+42.94	42.40	RT	333949.814	2785763.794

SCALE
0 20 40 60

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 2 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	53

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

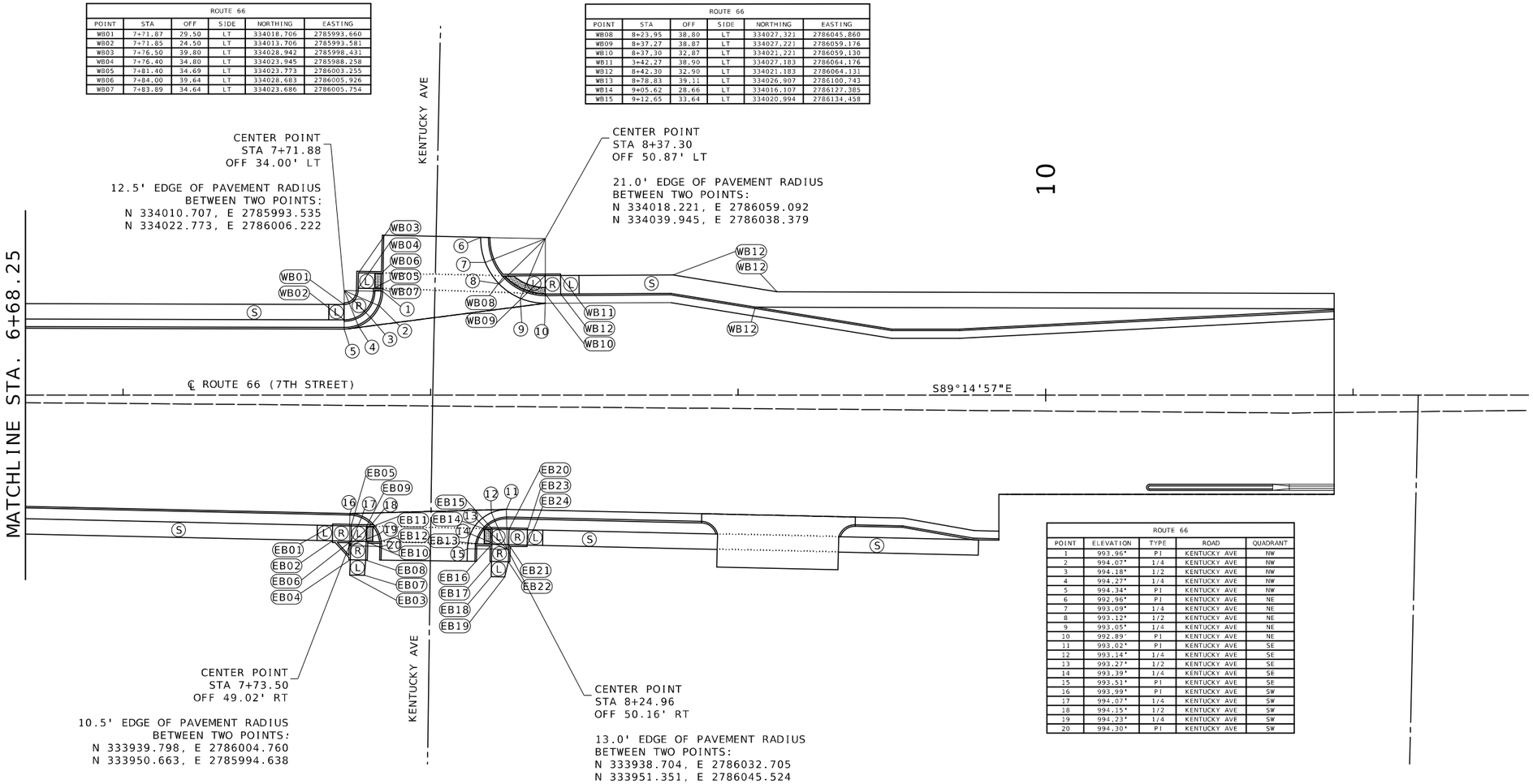
GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	7+71.87	29.50	LT	334018.706	2785993.660
WB02	7+71.85	24.50	LT	334013.706	2785993.581
WB03	7+76.50	39.80	LT	334028.942	2785998.431
WB04	7+76.40	34.80	LT	334023.945	2785988.258
WB05	7+81.40	34.69	LT	334023.773	2786003.255
WB06	7+84.00	39.64	LT	334028.683	2786005.926
WB07	7+83.89	34.64	LT	334023.686	2786005.754

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB08	8+23.95	38.80	LT	334027.321	2786045.860
WB09	8+37.27	38.87	LT	334027.221	2786059.176
WB10	8+37.30	32.87	LT	334021.221	2786059.130
WB11	3+42.27	38.90	LT	334027.183	2786064.176
WB12	8+42.30	32.90	LT	334021.183	2786064.131
WB13	8+78.83	39.11	LT	334026.907	2786100.743
WB14	9+05.62	28.66	LT	334016.107	2786127.385
WB15	9+12.65	33.64	LT	334020.994	2786134.458



ROUTE 66				
POINT	ELEVATION	TYPE	ROAD	QUADRANT
1	993.96'	P1	KENTUCKY AVE	NW
2	994.07'	1/4	KENTUCKY AVE	NW
3	994.18'	1/2	KENTUCKY AVE	NW
4	994.27'	1/4	KENTUCKY AVE	NW
5	994.34'	P1	KENTUCKY AVE	NW
6	992.96'	P1	KENTUCKY AVE	NE
7	993.09'	1/4	KENTUCKY AVE	NE
8	993.12'	1/2	KENTUCKY AVE	NE
9	993.05'	1/4	KENTUCKY AVE	NE
10	992.89'	P1	KENTUCKY AVE	NE
11	993.02'	P1	KENTUCKY AVE	SE
12	993.14'	1/4	KENTUCKY AVE	SE
13	993.27'	1/2	KENTUCKY AVE	SE
14	993.39'	1/4	KENTUCKY AVE	SE
15	993.51'	P1	KENTUCKY AVE	SE
16	993.99'	P1	KENTUCKY AVE	SW
17	994.07'	1/4	KENTUCKY AVE	SW
18	994.15'	1/2	KENTUCKY AVE	SW
19	994.23'	1/4	KENTUCKY AVE	SW
20	994.30'	P1	KENTUCKY AVE	SW

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	7+68.15	42.40	RT	333946.859	2785989.000
EB02	7+68.04	47.40	RT	333941.862	2785988.823
EB03	7+73.64	58.53	RT	333930.663	2785994.279
EB04	7+73.90	53.53	RT	333935.654	2785994.608
EB05	7+74.15	42.53	RT	333946.647	2785994.996
EB06	7+74.04	47.53	RT	333941.651	2785994.820
EB07	7+78.45	58.63	RT	333930.493	2785999.090
EB08	7+78.90	53.64	RT	333935.478	2785999.605
EB09	7+79.15	42.64	RT	333946.471	2785999.993
EB10	7+79.04	47.64	RT	333941.474	2785999.816
EB11	7+81.25	42.69	RT	333946.397	2786002.091
EB12	7+83.42	47.74	RT	333941.319	2786004.201

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB13	8+15.11	48.44	RT	333940.200	2786035.872
EB14	8+17.50	43.50	RT	333945.116	2786038.335
EB15	8+20.00	43.55	RT	333945.028	2786040.833
EB16	8+19.89	48.55	RT	333940.031	2786040.657
EB17	8+19.77	54.05	RT	333934.534	2786040.463
EB18	8+19.66	59.05	RT	333929.538	2786040.286
EB19	8+24.07	59.15	RT	333929.382	2786044.701
EB20	8+25.50	43.67	RT	333944.834	2786046.330
EB21	8+25.39	48.67	RT	333939.837	2786046.153
EB22	8+25.27	54.17	RT	333934.340	2786045.959
EB23	8+31.50	43.81	RT	333944.622	2786052.326
EB24	8+31.39	48.81	RT	333939.625	2786052.150

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 3 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 54
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60

SEE BRIDGE PLANS
STA. 10+94.02 - STA. 20+48.75

STA. 23+27.50

MATCHLINE STA. 23+27.50

MINNESOTA AVE

℄ ROUTE 66 (7TH STREET)

S89°14'57"E

CENTER POINT
STA 20+57+59
OFF 38.99' LT

8.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 334003.189, E 2787281.749
N 334011.064, E 2787287.885

CENTER POINT
STA 21+11.76
OFF 46.00' LT

15.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 334002.158, E 2787333.440
N 334016.856, E 2787318.158

CENTER POINT
STA 20+55.45
OFF 37.73' RT

8.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333934.402, E 2787284.744
N 333942.370, E 2787279.825

CENTER POINT
STA 21+09.30
OFF 46.00' RT

15.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333926.893, E 2787314.547
N 333941.194, E 2787330.198

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	20+48.75	35.88	LT	334008.351	2787270.521
WB02	20+48.75	31.36	LT	334003.833	2787270.461
WB03	20+57.03	31.36	LT	334003.728	2787278.741
WB04	20+57.12	35.72	LT	334008.080	2787278.883
WB05	20+57.18	38.99	LT	334011.352	2787278.989
WB06	20+57.28	43.99	LT	334016.350	2787279.151
WB07	20+57.49	48.99	LT	334021.347	2787279.430
WB08	20+61.91	48.99	LT	334021.291	2787283.844
WB09	20+62.06	32.37	LT	334004.664	2787283.774
WB10	20+62.18	38.99	LT	334011.288	2787283.989
WB11	20+62.28	43.99	LT	334016.287	2787284.152
WB12	20+65.58	38.99	LT	334011.245	2787287.391
WB13	20+65.69	43.99	LT	334016.243	2787287.562

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
WB14	20+96.89	44.00	LT	334015.846	2787318.747
WB15	20+98.49	39.00	LT	334010.826	2787320.283
WB16	21+01.22	54.00	LT	334025.790	2787323.201
WB17	21+03.49	49.00	LT	334020.762	2787325.410
WB18	21+03.49	44.00	LT	334015.762	2787325.346
WB19	21+03.49	39.00	LT	334010.763	2787325.282
WB20	21+03.49	33.48	LT	334005.246	2787325.212
WB21	21+06.22	54.00	LT	334025.727	2787328.194
WB22	21+08.49	49.00	LT	334020.698	2787330.409
WB23	21+08.49	44.00	LT	334015.699	2787330.346
WB24	21+08.49	39.00	LT	334010.699	2787330.282
WB25	21+08.49	31.36	LT	334003.060	2787330.185
WB26	21+13.49	44.00	LT	334015.635	2787335.345
WB27	21+13.49	39.00	LT	334010.635	2787335.281

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	20+54.84	39.01	RT	333933.389	2787275.622
EB02	20+54.84	44.01	RT	333928.389	2787275.559
EB03	20+54.84	49.01	RT	333923.389	2787275.495
EB04	20+54+97	54.01	RT	333918.388	2787275.561
EB05	20+59.23	54.01	RT	333918.334	2787279.815
EB06	20+59.84	49.01	RT	333923.326	2787280.495
EB07	20+59.84	44.01	RT	333928.325	2787280.558
EB08	20+59.84	39.01	RT	333933.325	2787280.622
EB09	20+63.34	44.01	RT	333928.281	2787284.058
EB10	20+63.43	39.01	RT	333933.279	2787284.210

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
EB11	20+94.43	44.00	RT	333927.885	2787315.161
EB12	20+96.03	39.00	RT	333932.864	2787316.825
EB13	21+03.11	54.00	RT	333917.775	2787323.715
EB14	21+03.49	32.17	RT	333939.601	2787324.376
EB15	21+03.49	39.00	RT	333932.769	2787324.289
EB16	21+03.49	44.00	RT	333927.769	2787324.226
EB17	21+03.49	49.00	RT	333922.770	2787324.162
EB18	21+07.94	54.00	RT	333917.714	2787328.540
EB19	21+08.49	31.02	RT	333940.683	2787329.390
EB20	21+08.49	39.00	RT	333932.705	2787329.289
EB21	21+08.49	44.00	RT	333927.706	2787329.225
EB22	21+08.49	49.00	RT	333922.706	2787329.162

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 4 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 55
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

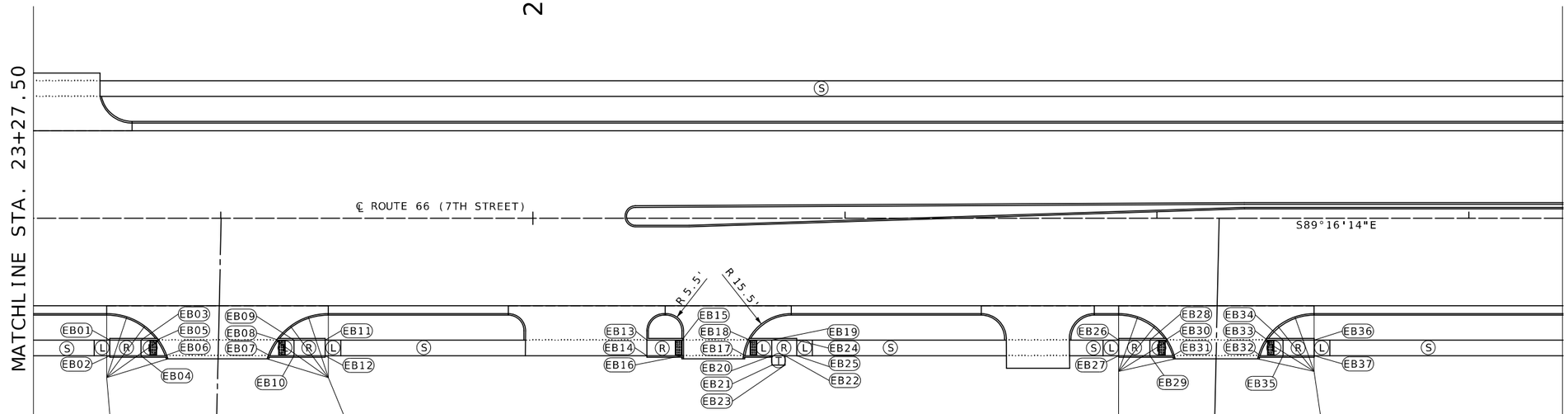
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60

25



CENTER POINT
STA 23+63.46
OFF 51.00' RT

20.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333923.211, E 2787603.761
N 333937.959, E 2787584.345

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	23+64.46	39.00	RT	333929.447	2787585.236
EB02	23+64.46	44.00	RT	333924.447	2787585.173
EB03	23+74.46	39.00	RT	333929.320	2787595.236
EB04	23+74.46	44.00	RT	333924.320	2787595.172
EB05	23+79.46	39.00	RT	333929.256	2787600.235
EB06	23+82.20	44.00	RT	333924.221	2787602.906

CENTER POINT
STA 24+34.48
OFF 51.00' RT

20.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333922.806, E 2787635.571
N 333937.055, E 2787655.357

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB07	24+15.75	44.00	RT	333923.794	2787636.451
EB08	24+18.48	39.00	RT	333928.759	2787639.250
EB09	24+23.48	39.00	RT	333928.696	2787644.249
EB10	24+23.48	44.00	RT	333923.696	2787644.186
EB11	24+33.48	39.00	RT	333928.568	2787654.249
EB12	24+33.48	44.00	RT	333923.569	2787654.185

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB13	25+36.54	39.00	RT	333927.256	2787757.299
EB14	25+36.54	44.00	RT	333922.257	2787757.236
EB15	25+47.78	39.00	RT	333927.113	2787768.543
EB16	25+47.79	44.00	RT	333922.114	2787768.481

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB17	25+67.99	44.00	RT	333921.856	2787788.689
EB18	25+69.59	39.00	RT	333926.835	2787790.352
EB19	25+76.58	39.00	RT	333926.747	2787797.341
EB20	25+76.58	44.00	RT	333921.747	2787797.277
EB21	25+76.66	47.00	RT	333918.746	2787797.310
EB22	25+80.86	44.00	RT	333921.692	2787801.557
EB23	25+80.82	47.00	RT	333918.693	2787801.471
EB24	25+84.59	39.00	RT	333926.645	2787805.351
EB25	25+84.59	44.00	RT	333921.645	2787805.287

CENTER POINT
STA 26+87.76
OFF 49.00' RT

18.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333919.102, E 2787926.491
N 333933.831, E 2787908.615

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB26	26+87.73	39.00	RT	333925.332	2787908.473
EB27	26+87.73	44.00	RT	333920.332	2787908.410
EB28	26+97.73	39.00	RT	333925.204	2787918.472
EB29	26+97.73	44.00	RT	333920.205	2787918.409
EB30	27+02.73	39.00	RT	333925.141	2787923.472
EB31	27+05.05	44.00	RT	333920.112	2787925.733

CENTER POINT
STA 27+50.36
OFF 49.00' RT

18.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333918.765, E 2787952.964
N 333933.034, E 2787971.210

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB32	27+33.07	44.00	RT	333919.755	2787953.748
EB33	27+35.39	39.00	RT	333924.725	2787956.136
EB34	27+40.39	39.00	RT	333924.661	2787961.136
EB35	27+40.39	44.00	RT	333919.662	2787961.072
EB36	27+50.39	39.00	RT	333924.534	2787971.135
EB37	27+50.39	44.00	RT	333919.534	2787971.071

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 5 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 56
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

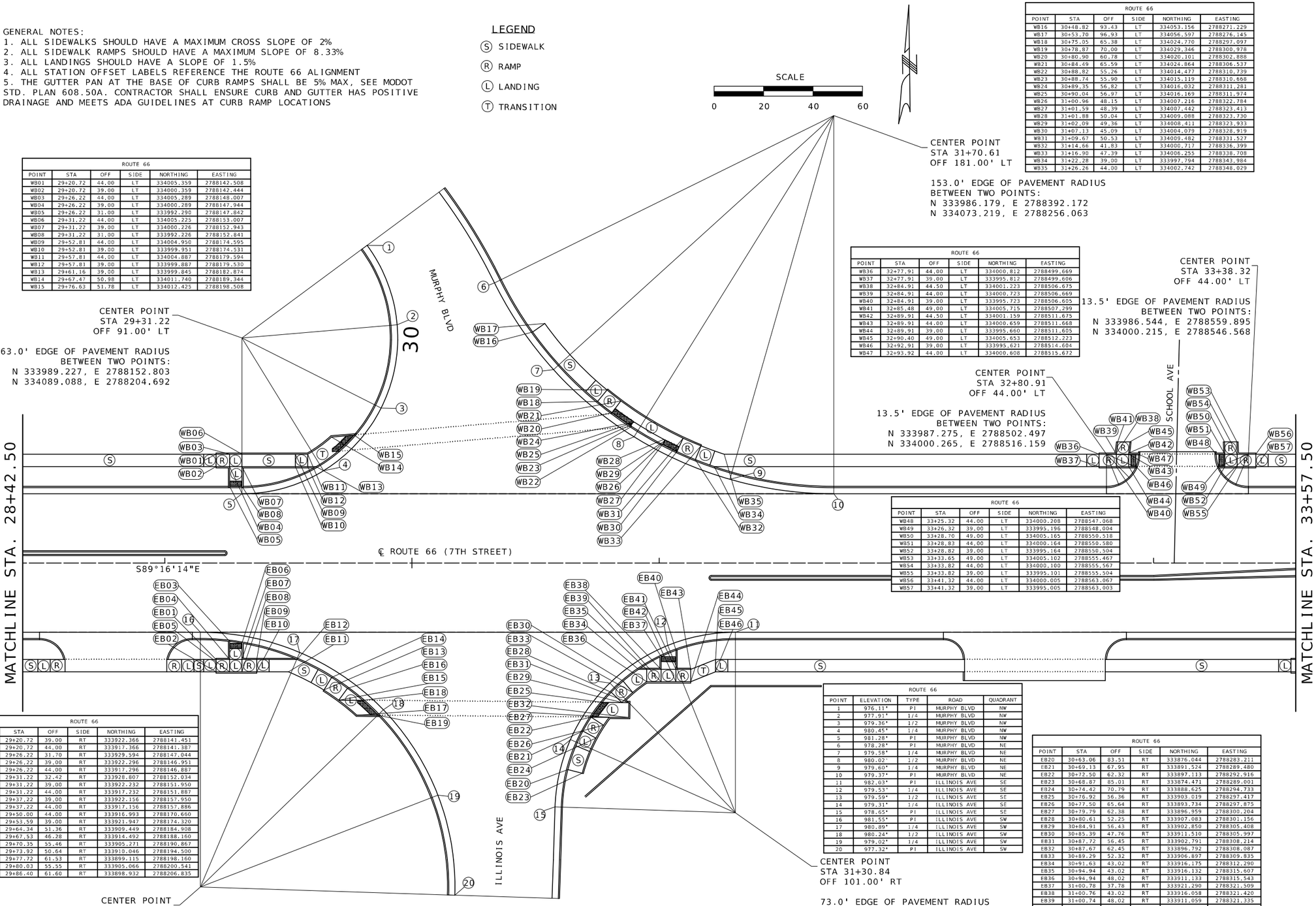
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60



ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	29+20.72	44.00	LT	334005.359	2788142.508
WB02	29+20.72	39.00	LT	334000.359	2788142.444
WB03	29+26.22	44.00	LT	334005.289	2788148.007
WB04	29+26.22	39.00	LT	334000.289	2788147.944
WB05	29+26.22	31.00	LT	333992.290	2788147.842
WB06	29+31.22	44.00	LT	334005.225	2788153.007
WB07	29+31.22	39.00	LT	334000.226	2788152.943
WB08	29+31.22	31.00	LT	333992.226	2788152.841
WB09	29+52.81	44.00	LT	334004.950	2788174.595
WB10	29+52.81	39.00	LT	333999.951	2788174.531
WB11	29+57.81	44.00	LT	334004.887	2788179.594
WB12	29+57.81	39.00	LT	333999.887	2788179.530
WB13	29+61.16	39.00	LT	333999.845	2788182.874
WB14	29+67.47	50.98	LT	334011.740	2788189.344
WB15	29+76.63	51.78	LT	334012.425	2788198.508

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB16	30+48.82	93.43	LT	334053.156	2788271.229
WB17	30+53.70	96.93	LT	334056.597	2788276.145
WB18	30+75.05	65.38	LT	334024.770	2788297.097
WB19	30+78.87	70.00	LT	334029.346	2788300.978
WB20	30+80.90	60.78	LT	334020.101	2788302.888
WB21	30+84.49	65.59	LT	334024.864	2788306.537
WB22	30+88.82	55.26	LT	334014.477	2788310.739
WB23	30+88.74	55.90	LT	334015.119	2788310.668
WB24	30+89.35	56.82	LT	334016.032	2788311.281
WB25	30+90.04	56.97	LT	334016.169	2788311.974
WB26	31+00.96	48.15	LT	334007.216	2788322.784
WB27	31+01.59	48.39	LT	334007.442	2788323.413
WB28	31+01.88	50.04	LT	334009.088	2788323.730
WB29	31+02.09	49.36	LT	334008.411	2788323.933
WB30	31+07.13	45.09	LT	334004.079	2788328.919
WB31	31+09.67	50.53	LT	334009.482	2788331.527
WB32	31+14.66	41.83	LT	334000.717	2788336.399
WB33	31+16.90	47.39	LT	334006.255	2788338.708
WB34	31+22.28	39.00	LT	333997.794	2788343.984
WB35	31+26.26	44.00	LT	334002.742	2788348.029

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB36	32+77.91	44.00	LT	334000.812	2788499.669
WB37	32+77.91	39.00	LT	333995.812	2788499.606
WB38	32+84.91	44.50	LT	334001.223	2788506.675
WB39	32+84.91	44.00	LT	334000.723	2788506.669
WB40	32+84.91	39.00	LT	333995.723	2788506.605
WB41	32+85.48	49.00	LT	334005.715	2788507.299
WB42	32+89.91	44.50	LT	334001.159	2788511.675
WB43	32+89.91	44.00	LT	334000.659	2788511.668
WB44	32+89.91	39.00	LT	333995.660	2788511.605
WB45	32+90.40	49.00	LT	334005.653	2788512.223
WB46	32+92.91	39.00	LT	333995.621	2788514.604
WB47	32+93.92	44.00	LT	334000.608	2788515.672

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB48	33+25.32	44.00	LT	334000.208	2788547.068
WB49	33+26.32	39.00	LT	333995.196	2788548.004
WB50	33+28.70	49.00	LT	334005.165	2788550.518
WB51	33+28.83	44.00	LT	334000.164	2788550.580
WB52	33+28.82	39.00	LT	333995.164	2788550.504
WB53	33+33.65	49.00	LT	334005.102	2788555.467
WB54	33+33.82	44.00	LT	334000.100	2788555.567
WB55	33+33.82	39.00	LT	333995.101	2788555.504
WB56	33+41.32	44.00	LT	334000.005	2788563.067
WB57	33+41.32	39.00	LT	333995.005	2788563.003

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	29+20.72	39.00	RT	333922.366	2788141.451
EB02	29+20.72	44.00	RT	333917.366	2788141.387
EB03	29+26.22	31.70	RT	333929.594	2788147.044
EB04	29+26.22	39.00	RT	333922.296	2788146.951
EB05	29+26.22	44.00	RT	333917.296	2788146.887
EB06	29+31.22	32.42	RT	333928.807	2788152.034
EB07	29+31.22	39.00	RT	333922.232	2788151.950
EB08	29+31.22	44.00	RT	333917.232	2788151.887
EB09	29+37.22	39.00	RT	333922.156	2788157.950
EB10	29+37.22	44.00	RT	333917.156	2788157.886
EB11	29+50.00	44.00	RT	333916.993	2788170.660
EB12	29+53.59	39.00	RT	333921.947	2788174.320
EB13	29+64.34	51.36	RT	333909.449	2788184.908
EB14	29+67.53	46.28	RT	333914.492	2788188.160
EB15	29+70.35	55.46	RT	333905.271	2788190.867
EB16	29+73.92	50.64	RT	333910.046	2788194.500
EB17	29+77.72	61.53	RT	333899.115	2788198.160
EB18	29+80.03	55.55	RT	333905.066	2788200.541
EB19	29+86.40	61.60	RT	33389B.932	2788206.835

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB20	30+63.06	83.51	RT	333876.044	2788283.211
EB21	30+69.13	67.95	RT	333891.524	2788289.480
EB22	30+72.50	62.32	RT	333897.113	2788292.916
EB23	30+68.87	85.01	RT	333874.471	2788289.001
EB24	30+74.42	70.79	RT	333888.625	2788294.733
EB25	30+76.92	56.36	RT	333903.019	2788297.417
EB26	30+77.50	65.64	RT	333893.734	2788297.875
EB27	30+79.79	62.38	RT	333896.959	2788300.204
EB28	30+80.61	52.25	RT	333907.083	2788301.156
EB29	30+84.91	56.43	RT	333902.850	2788305.408
EB30	30+85.39	47.76	RT	333911.510	2788305.997
EB31	30+87.72	56.45	RT	333902.791	2788308.214
EB32	30+87.67	62.45	RT	333896.792	2788308.087
EB33	30+89.29	52.32	RT	333906.897	2788309.835
EB34	30+91.63	43.02	RT	333916.175	2788312.290
EB35	30+94.94	43.02	RT	333916.132	2788315.607
EB36	30+94.94	48.02	RT	333911.133	2788315.543
EB37	31+00.78	37.78	RT	333921.290	2788321.309
EB38	31+00.76	43.02	RT	333916.058	2788321.420
EB39	31+00.74	48.02	RT	333911.059	2788321.335
EB40	31+06.79	35.26	RT	333923.735	3788327.552
EB41	31+06.76	43.02	RT	333915.982	2788327.420
EB42	31+06.74	48.02	RT	333910.983	2788327.335
EB43	31+12.76	43.02	RT	333915.906	2788333.419
EB44	31+12.74	48.02	RT	333910.906	2788333.334
EB45	31+22.77	39.00	RT	333919.794	2788343.487
EB46	31+22.75	44.00	RT	333914.794	2788343.402

ROUTE 66				
POINT	ELEVATION	TYPE	ROAD	QUADRANT
1	976,11'	PI	MURPHY BLVD	NW
2	977,91'	1/4	MURPHY BLVD	NW
3	979,36'	1/2	MURPHY BLVD	NW
4	980,45'	1/4	MURPHY BLVD	NW
5	981,28'	PI	MURPHY BLVD	NW
6	978,28'	PI	MURPHY BLVD	NE
7	979,58'	1/4	MURPHY BLVD	NE
8	980,02'	1/2	MURPHY BLVD	NE
9	979,60'	1/4	MURPHY BLVD	NE
10	979,37'	PI	MURPHY BLVD	NE
11	982,03'	PI	ILLINOIS AVE	SE
12	979,53'	1/4	ILLINOIS AVE	SE
13	979,59'	1/2	ILLINOIS AVE	SE
14	979,31'	1/4	ILLINOIS AVE	SE
15	978,65'	PI	ILLINOIS AVE	SE
16	981,55'	PI	ILLINOIS AVE	SW
17	980,89'	1/4	ILLINOIS AVE	SW
18	980,24'	1/2	ILLINOIS AVE	SW
19	979,02'	1/4	ILLINOIS AVE	SW
20	977,32'	PI	ILLINOIS AVE	SW

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 6 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	57

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

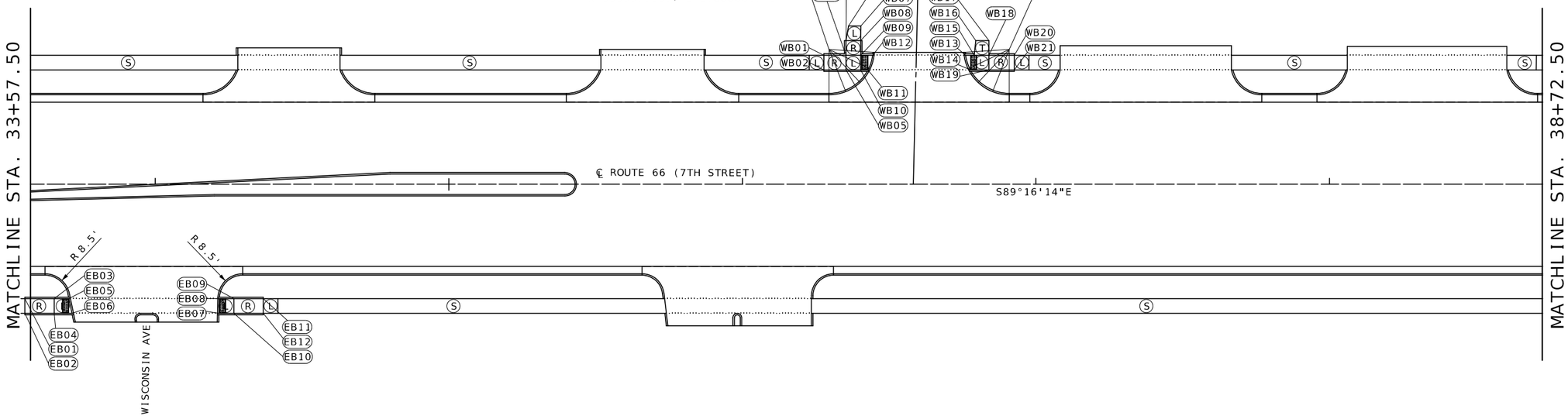
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60



ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	36+27.80	44.00	LT	333996.358	2788849.528
WB02	36+27.80	39.00	LT	333991.358	2788849.464
WB03	36+35.30	49.00	LT	334001.262	2788857.091
WB04	36+35.30	44.00	LT	333996.262	2788857.028
WB05	36+35.30	39.00	LT	333991.263	2788856.964
WB06	36+36.19	54.00	LT	334006.250	2788858.050
WB07	36+40.35	54.00	LT	334006.197	2788832.204
WB08	36+40.30	49.00	LT	334001.198	2788862.091
WB09	36+40.30	44.00	LT	333966.199	2788862.027
WB10	36+40.30	39.00	LT	333991.199	2788861.963
WB11	36+42.80	39.00	LT	333991.167	2788864.463
WB12	36+44.40	44.00	LT	333996.147	2788866.126

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB13	36+76.08	44.00	LT	333995.743	2788897.807
WB14	36+77.68	39.00	LT	333990.723	2788899.343
WB15	36+78.98	44.00	LT	333995.706	2788900.704
WB16	36+79.53	49.00	LT	334000.699	2788901.321
WB17	36+83.98	49.00	LT	334000.642	2788905.767
WB18	36+83.98	44.00	LT	333995.643	2788905.703
WB19	36+83.98	39.00	LT	333990.643	2788905.640
WB20	36+92.68	44.00	LT	333995.532	2788914.406
WB21	36+92.68	39.00	LT	333990.532	2788914.342

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	33+55.57	39.00	RT	333916.830	2788576.264
EB02	33+55.57	44.00	RT	333911.830	2788576.200
EB03	33+65.57	39.00	RT	333916.703	2788586.263
EB04	33+65.57	44.00	RT	333911.703	2788586.200
EB05	33+70.57	39.00	RT	333916.639	2788591.263
EB06	33+71.62	44.00	RT	333911.626	2788592.247

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB07	34+21.69	44.00	RT	333910.989	2788642.310
EB08	34+21.81	39.00	RT	333915.987	2788642.498
EB09	34+26.81	39.00	RT	333915.923	2788647.497
EB10	34+26.81	44.00	RT	333910.924	2788647.434
EB11	34+36.81	39.00	RT	333915.796	2788657.497
EB12	34+36.81	44.00	RT	333910.796	2788657.433

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 7 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 58
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

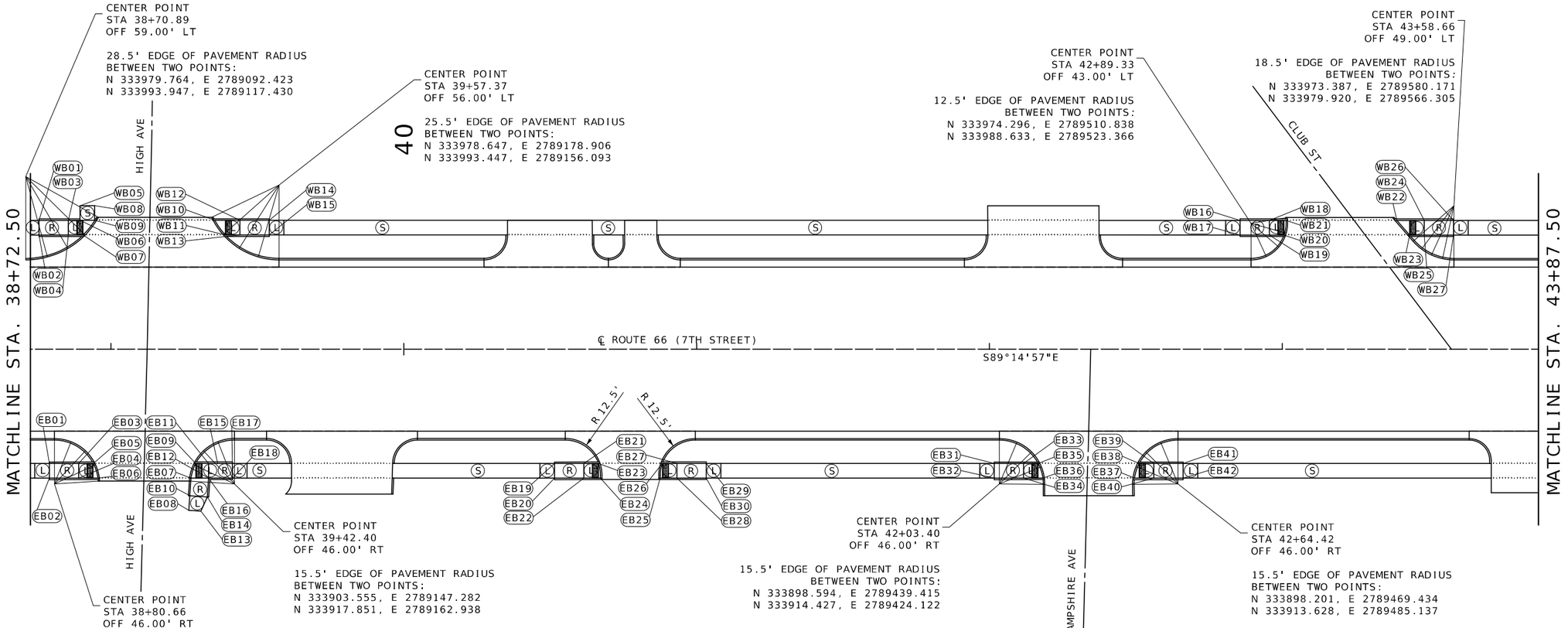
SCALE
0 20 40 60

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	38+75.48	44.00	LT	333993.205	2789097.191
WB02	38+75.48	59.00	LT	333988.205	2789097.127
WB03	38+85.48	44.00	LT	333993.078	2789107.190
WB04	38+85.48	59.00	LT	333988.078	2789107.126
WB05	38+89.42	49.00	LT	333998.027	2789111.194
WB06	38+89.42	44.00	LT	333993.027	2789111.130
WB07	38+90.48	59.00	LT	333988.014	2789112.126
WB08	38+94.42	49.00	LT	333997.963	2789116.194
WB09	38+94.42	44.00	LT	333992.964	2789116.130

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB10	39+35.43	44.00	LT	333992.433	2789157.153
WB11	39+39.03	59.00	LT	333987.386	2789160.689
WB12	39+44.03	44.00	LT	333992.320	2789165.754
WB13	39+44.03	59.00	LT	333987.321	2789165.688
WB14	39+54.03	44.00	LT	333992.189	2789175.753
WB15	39+54.03	59.00	LT	333987.190	2789175.687

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB16	42+85.64	44.00	LT	333987.843	2789507.328
WB17	42+85.64	59.00	LT	333982.844	2789507.264
WB18	42+95.64	44.00	LT	333987.712	2789517.327
WB19	42+95.64	59.00	LT	333982.713	2789517.264
WB20	43+00.64	59.00	LT	333982.647	2789522.262
WB21	43+01.28	44.00	LT	333987.972	2789522.972

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB22	43+39.15	44.00	LT	333987.142	2789560.835
WB23	43+43.50	59.00	LT	333982.085	2789565.124
WB24	43+48.50	44.00	LT	333987.019	2789570.188
WB25	43+48.50	59.00	LT	333982.020	2789570.122
WB26	43+58.50	44.00	LT	333986.888	2789580.187
WB27	43+58.50	59.00	LT	333981.889	2789580.122



ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	38+78.92	39.00	RT	333910.168	2789099.574
EB02	38+78.92	44.00	RT	333905.168	2789099.510
EB03	38+88.92	39.00	RT	333910.041	2789109.573
EB04	38+88.92	44.00	RT	333905.041	2789109.510
EB05	38+93.92	39.00	RT	333909.977	2789114.574
EB06	38+95.52	44.00	RT	333904.957	2789116.110

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB07	39+27.33	44.00	RT	333904.547	2789147.896
EB08	39+26.56	55.00	RT	333893.549	2789146.986
EB09	39+28.93	39.00	RT	333909.525	2789149.561
EB10	39+26.91	50.00	RT	333898.532	2789147.397
EB11	39+33.34	39.00	RT	333909.467	2789153.973
EB12	39+33.34	44.00	RT	333904.468	2789153.907
EB13	39+30.73	55.29	RT	333893.206	2789151.153
EB14	39+32.89	50.44	RT	333898.039	2789153.377
EB15	39+36.43	39.00	RT	333909.427	2789157.060
EB16	39+33.34	44.00	RT	333904.468	2789153.907
EB17	39+41.43	39.00	RT	333909.361	2789162.059
EB18	39+41.43	44.00	RT	333904.362	2789161.994

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB19	40+51.51	39.00	RT	333907.919	2789272.127
EB20	40+51.51	44.00	RT	333902.919	2789272.063
EB21	40+61.51	39.00	RT	333907.788	2789282.126
EB22	40+61.51	44.00	RT	333902.788	2789282.063
EB23	40+66.51	39.00	RT	333907.722	2789287.127
EB24	40+67.19	44.00	RT	333902.714	2789287.748

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB25	40+87.59	44.00	RT	333902.446	2789308.147
EB26	40+88.28	39.00	RT	333907.437	2789308.899
EB27	40+93.28	39.00	RT	333907.371	2789313.898
EB28	40+93.28	44.00	RT	333902.372	2789313.832
EB29	41+03.28	39.00	RT	333907.240	2789323.897
EB30	41+03.28	44.00	RT	333902.241	2789323.831

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB31	42+01.67	39.00	RT	333905.951	2789422.276
EB32	42+01.67	44.00	RT	333900.951	2789422.212
EB33	42+11.67	39.00	RT	333905.820	2789432.275
EB34	42+11.67	44.00	RT	333900.820	2789432.212
EB35	42+16.67	39.00	RT	333905.754	2789437.276
EB36	42+18.27	44.00	RT	333900.734	2789438.810

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB37	42+49.56	44.00	RT	333900.324	2789470.096
EB38	42+51.16	39.00	RT	333905.302	2789471.760
EB39	42+56.15	39.00	RT	333905.237	2789476.759
EB40	42+56.15	44.00	RT	333900.237	2789476.694
EB41	42+66.15	39.00	RT	333905.106	2789486.758
EB42	42+66.15	44.00	RT	333900.106	2789486.693

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 8 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 59
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

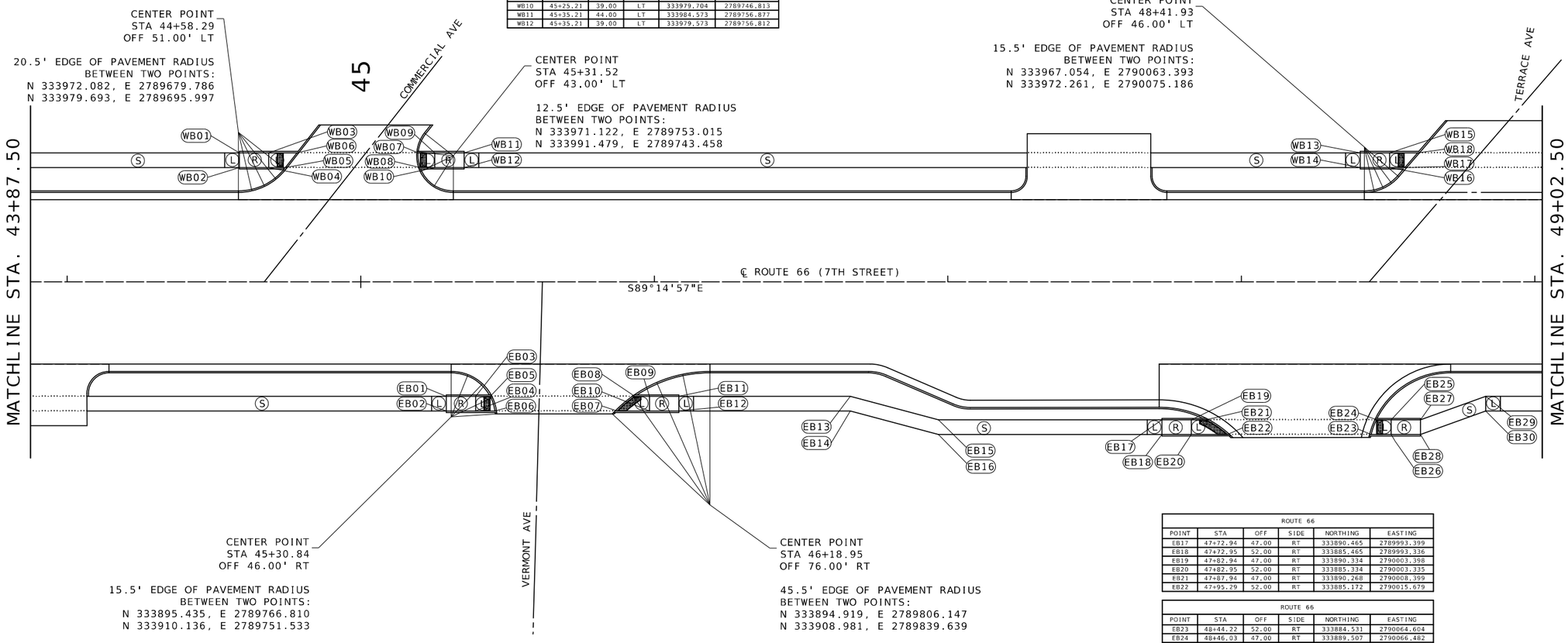
LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	44+58.66	44.00	LT	333985.576	2789680.332
WB02	44+58.66	39.00	LT	333980.576	2789680.269
WB03	44+68.66	44.00	LT	333985.445	2789690.332
WB04	44+68.66	39.00	LT	333980.445	2789690.268
WB05	44+74.29	39.00	LT	333980.371	2789695.903
WB06	44+78.23	44.00	LT	333985.319	2789699.903

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB07	45+19.57	44.00	LT	333984.778	2789741.235
WB08	45+20.21	39.00	LT	333979.770	2789741.814
WB09	45+25.21	44.00	LT	333984.704	2789746.878
WB10	45+25.21	39.00	LT	333979.704	2789746.813
WB11	45+35.21	44.00	LT	333984.573	2789756.877
WB12	45+35.21	39.00	LT	333979.573	2789756.812

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB13	48+40.52	44.00	LT	333980.571	2790062.160
WB14	48+40.52	39.00	LT	333975.572	2790062.097
WB15	48+50.52	44.00	LT	333980.439	2790072.159
WB16	48+50.52	39.00	LT	333975.441	2790072.096
WB17	48+55.71	39.00	LT	333975.373	2790077.281
WB18	48+60.03	44.00	LT	333980.316	2790081.670



ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	45+29.11	39.00	RT	333901.660	2789749.687
EB02	45+29.11	44.00	RT	333896.660	2789749.624
EB03	45+39.11	39.00	RT	333901.529	2789759.687
EB04	45+39.11	44.00	RT	333896.529	2789759.623
EB05	45+44.11	39.00	RT	333901.463	2789764.687
EB06	45+45.71	44.00	RT	333896.443	2789766.221

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB07	45+87.32	44.00	RT	333895.897	2789807.826
EB08	45+93.34	39.00	RT	333900.818	2789813.917
EB09	45+98.34	39.00	RT	333900.752	2789818.917
EB10	45+98.34	44.00	RT	333895.753	2789818.851
EB11	46+08.34	39.00	RT	333900.621	2789828.916
EB12	46+08.34	44.00	RT	333895.622	2789828.851
EB13	46+66.80	39.00	RT	333899.855	2789887.367
EB14	46+66.80	44.00	RT	333894.856	2789887.301
EB15	46+96.80	47.00	RT	333891.463	2789917.259
EB16	46+96.80	52.00	RT	333886.463	2789917.194

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB17	47+72.94	47.00	RT	333890.465	2789993.399
EB18	47+72.95	52.00	RT	333885.465	2789993.336
EB19	47+82.94	47.00	RT	333890.334	2790003.398
EB20	47+82.95	52.00	RT	333885.334	2790003.335
EB21	47+87.94	47.00	RT	333890.268	2790008.399
EB22	47+95.29	52.00	RT	333885.172	2790015.679

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB23	48+44.22	52.00	RT	333884.531	2790064.604
EB24	48+46.03	47.00	RT	333889.507	2790066.482
EB25	48+51.03	47.00	RT	333889.441	2790071.481
EB26	48+51.03	52.00	RT	333884.442	2790071.415
EB27	48+61.03	47.00	RT	333889.310	2790081.480
EB28	48+61.03	52.00	RT	333884.311	2790081.415
EB29	48+83.26	39.00	RT	333897.018	2790103.807
EB30	48+83.26	44.00	RT	333892.019	2790103.741

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 9 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	60

COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROUTE 66 ALIGNMENT
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

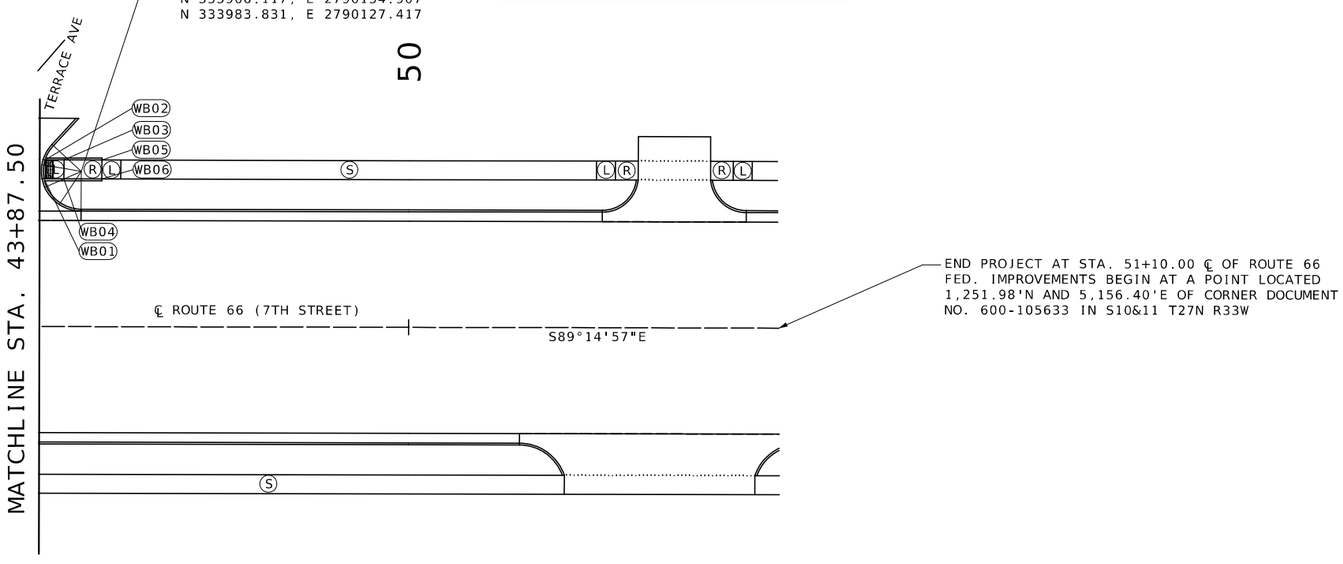
LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60

CENTER POINT
STA 49+13.45
OFF 41.00' LT

10.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333966.117, E 2790134.907
N 333983.831, E 2790127.417

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	49+03.65	39.00	LT	333974.744	2790125.222
WB02	49+03.91	44.00	LT	333979.741	2790125.546
WB03	49+08.91	44.00	LT	333979.675	2790130.544
WB04	49+08.91	39.00	LT	333974.675	2790130.479
WB05	49+18.91	44.00	LT	333979.544	2790140.544
WB06	49+18.91	39.00	LT	333974.544	2790140.478



SPECIAL SHEET
SIDEWALK DETAILS
SHEET 10 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

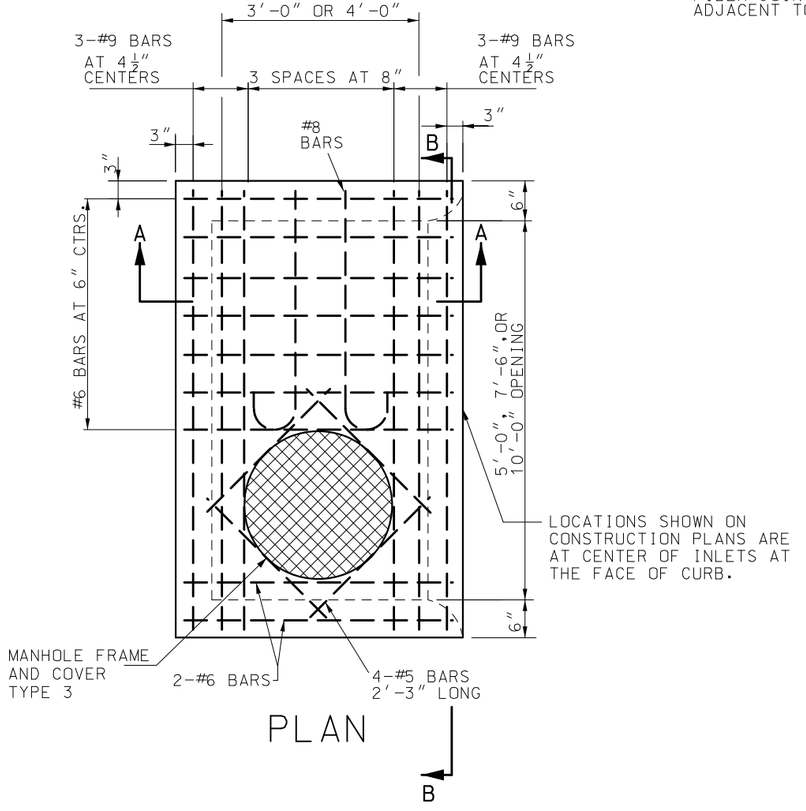
DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 61
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

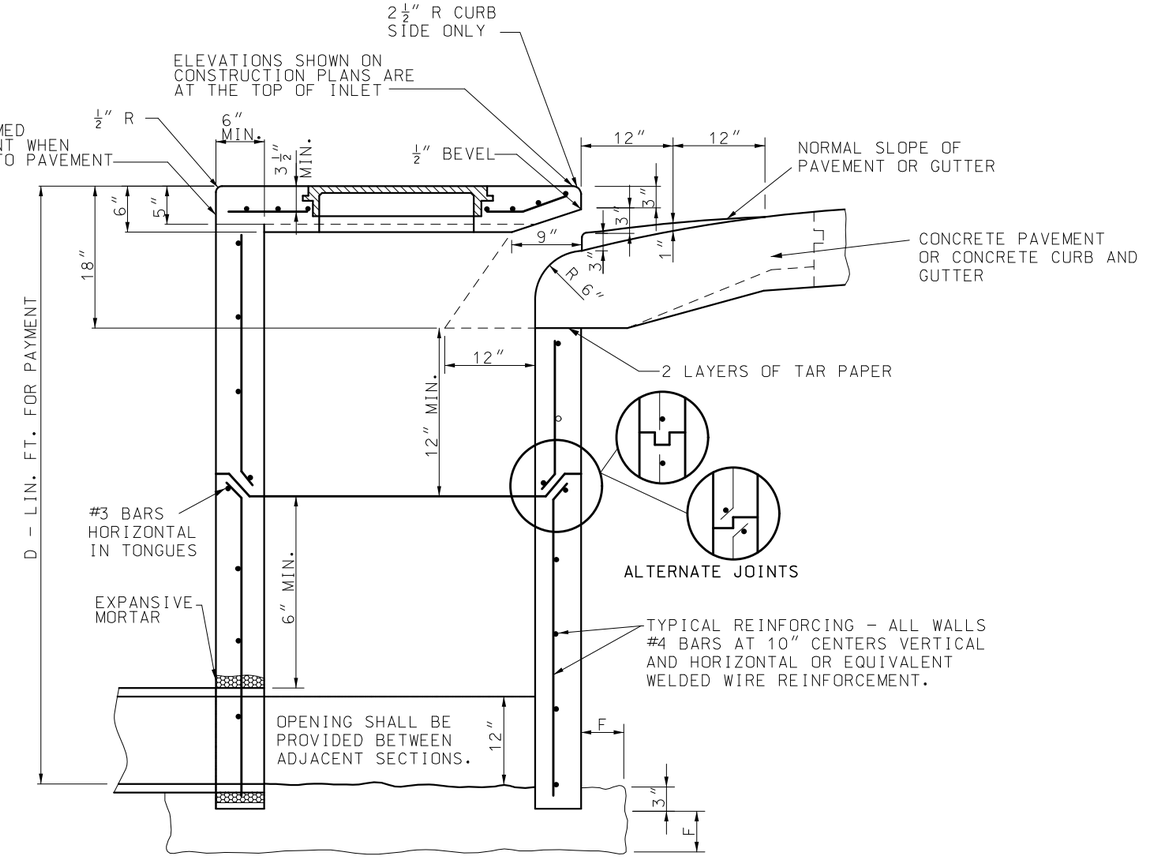
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

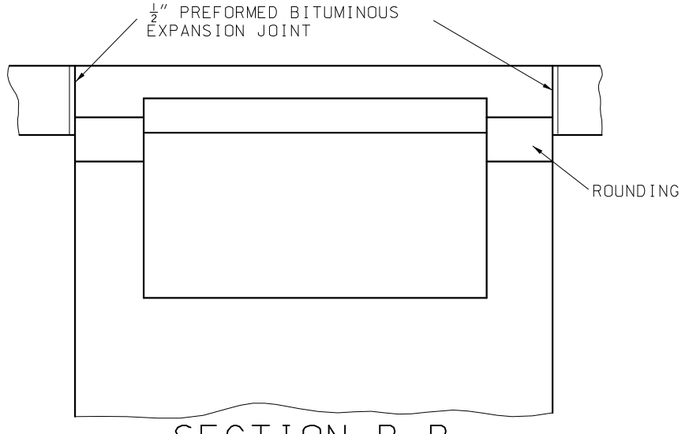


PLAN



F = 6″ FOR D's ≤ 6′.
F = 12″ FOR D's > 6′.

SECTION A–A



SECTION B–B
DETAILS OF OPENING

GENERAL NOTES:

THE LENGTH AND DEPTH OF THE INLET SHALL BE AS SHOWN ON THE PLANS.

IF DEPTH OF INLET EXCEEDS 6 FEET THE PRECAST UNITS MAY BE FURNISHED IN TWO OR MORE SECTIONS.

SEE STANDARD PLAN 731.10 FOR ADDITIONAL DETAILS

SPECIAL SHEET
CULVERT DETAILS
TYPE T INLET
SHEET 1 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	62

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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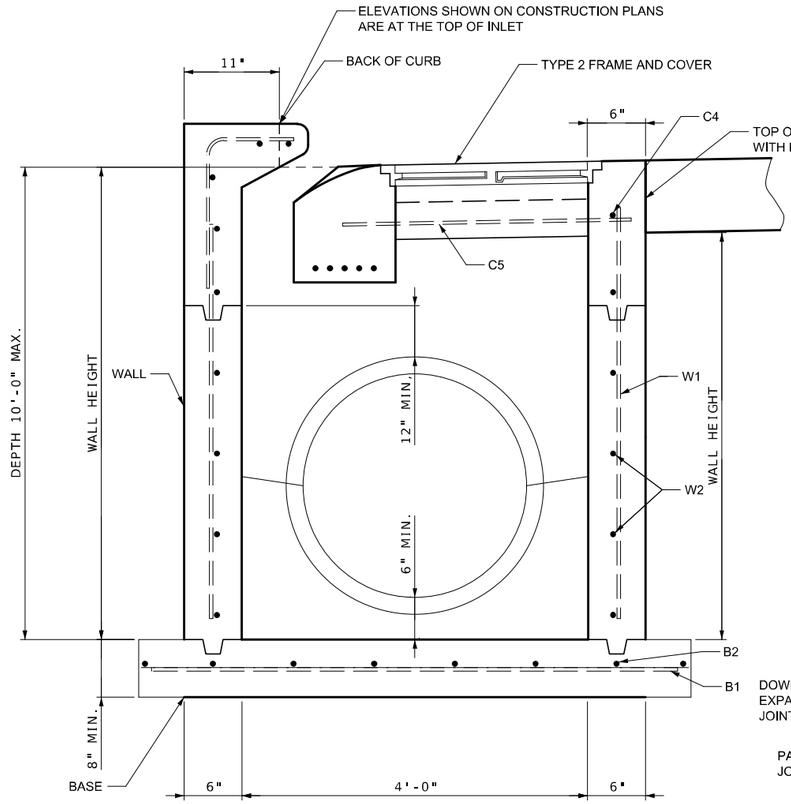
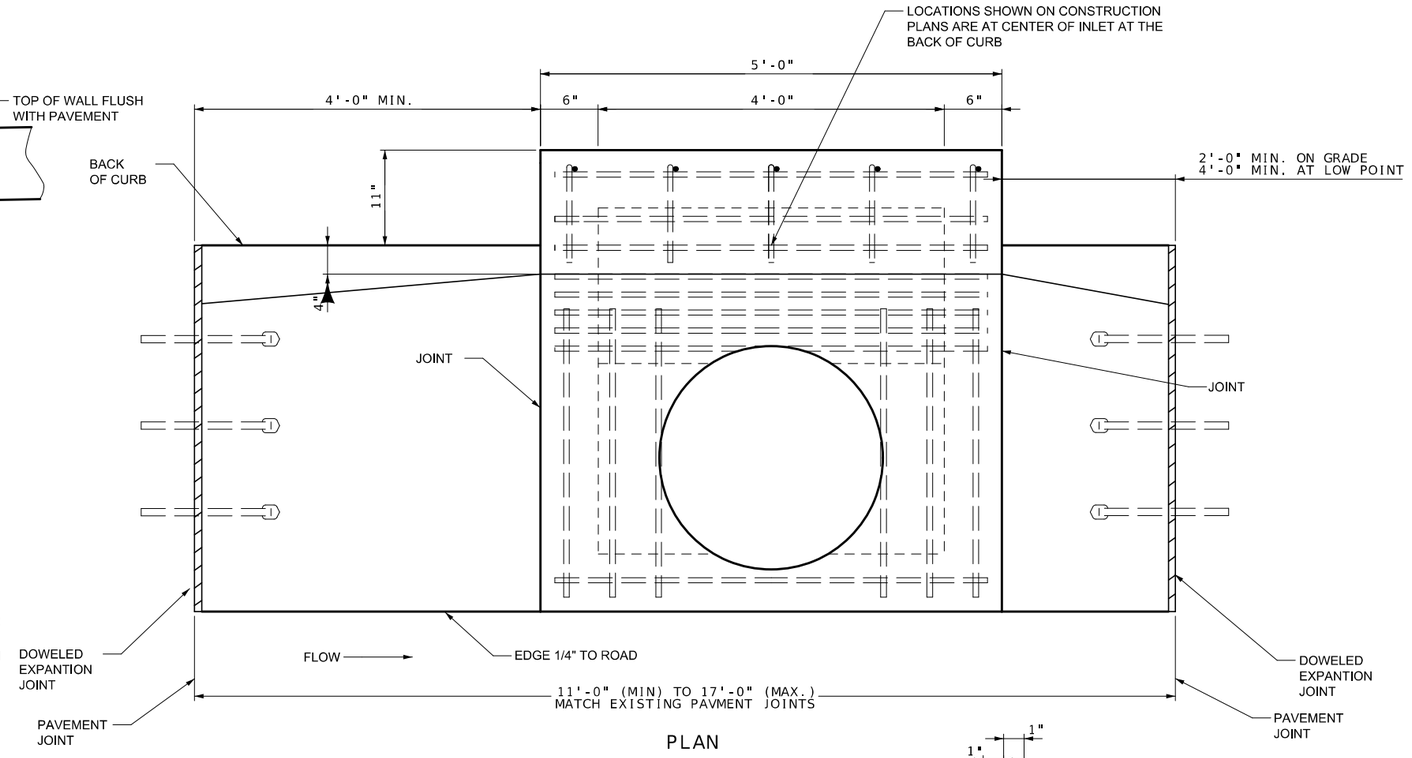
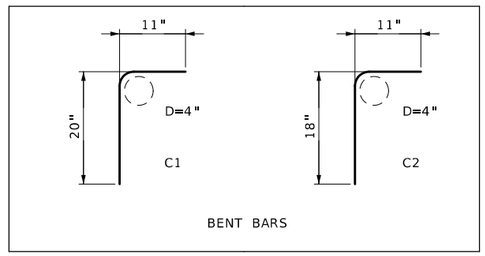


TYPICAL SECTION



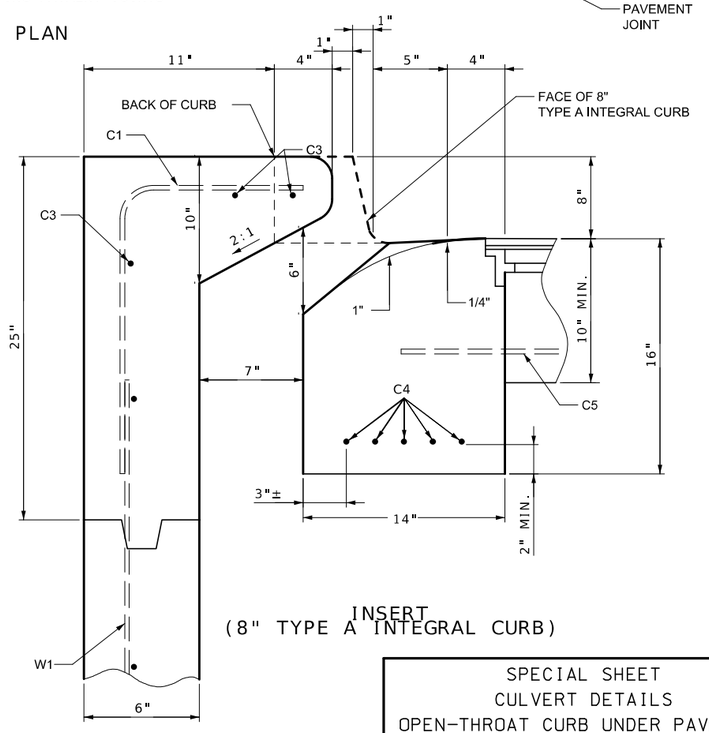
PLAN



BENT BARS

REINFORCING BAR LIST					
MARK	SIZE	LOCATION	SHAPE	LENGTH	SPACING
B1	4	BASE	——	5'-6"	11"
B2	4	BASE	——	5'-6"	11"
W1	4	WALL	——	WALL HEIGHT MINUSE 1"	14"
W2	4	WALL	——	4'-8"	12"
C1	4	TOP	⌜	2'-7"	14"
C2	4	TOP	⌜	2'-5"	14"
C3	4	TOP	——	4'-8"	SEE DETAIL
C4	4	TOP	——	4'-8"	SEE DETAIL
C4	4	TOP	——	3'-2"	SEE DETAIL

MAXIMUM PIPE DIAMETER	
PRECAST	30"
CAST-IN-PLACE	36"



INSERT
(8" TYPE A INTEGRAL CURB)

SPECIAL SHEET
CULVERT DETAILS
OPEN-THROAT CURB UNDER PAVEMENT
SHEET 2 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

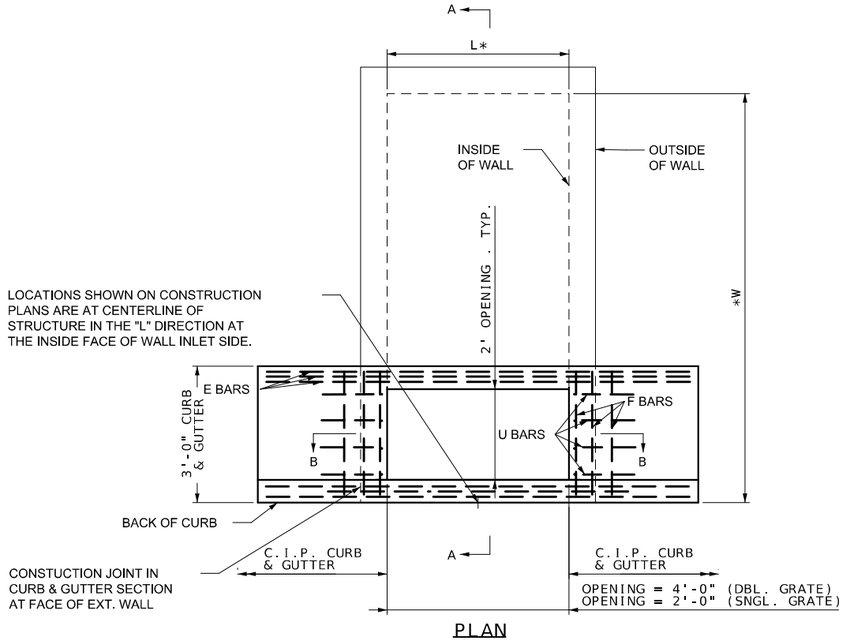
DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 63
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

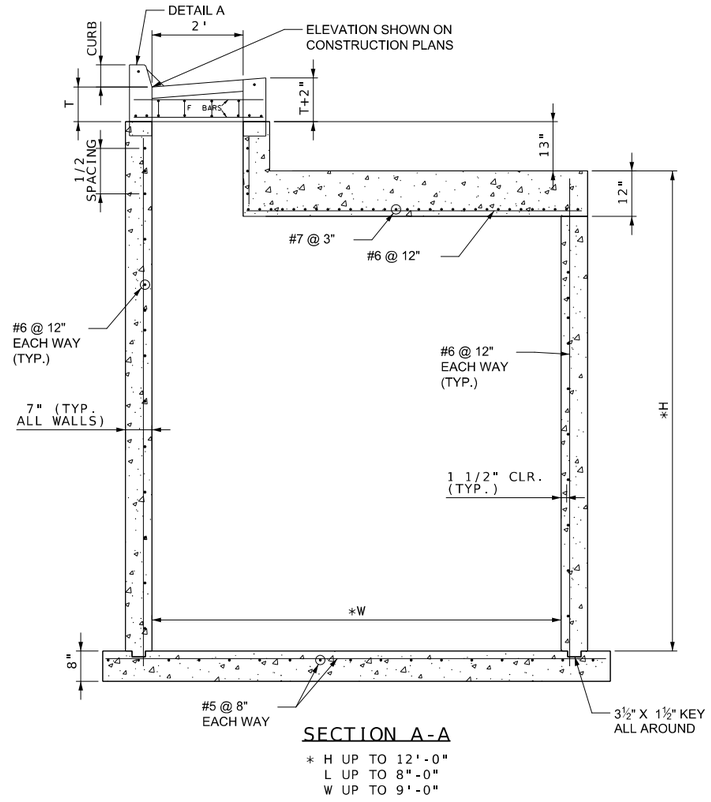
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PLAN



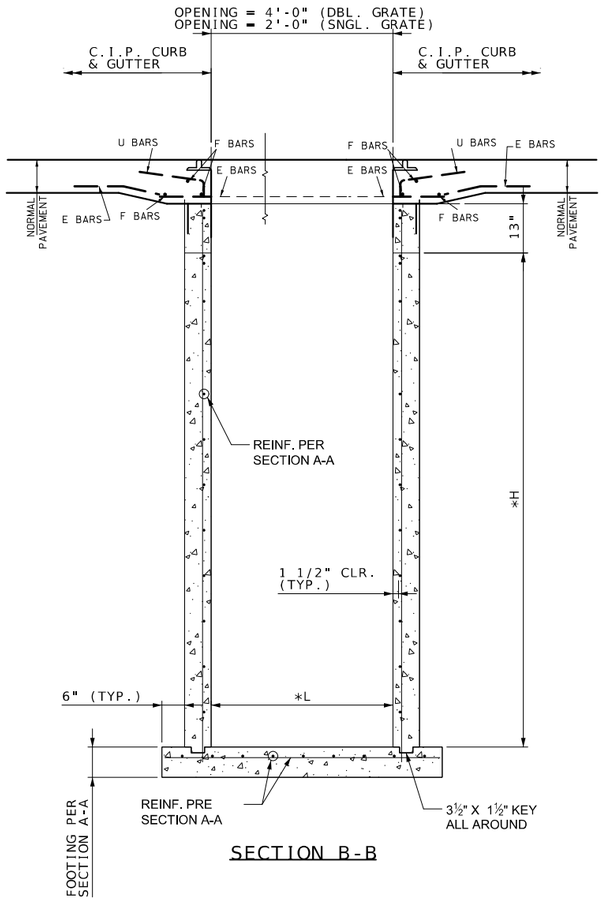
SECTION A-A

* H UP TO 12'-0"
L UP TO 8"-0"
W UP TO 9'-0"

PAVEMENT THICKNESS	"T" DIMENSION
LESS THAN OR EQUAL TO 11"	11"
12"	12"
13"	13"
GREATER THAN OR EQUAL TO 14"	14"

NOTES:

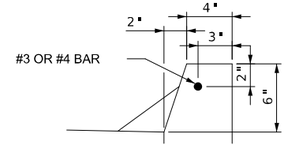
1. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTE IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION. FL'S LISTED ON THE PROJECT PLANS ARE LISTED AT THE INSIDE FACE OF THE WALL.
2. FLOOR OF INLET SHALL HAVE A SHAPED CONCRETE INVERT TO PROVIDE FOR SMOOTH FLOW.
3. THE MINIMAL DIMENSION BETWEEN THE TOP OF PIPE AND THE TOP OF BOX SHALL BE 2'-6" (TYPICAL ALL WALLS).
4. ALL CLEAR DISTANCES TO REINFORCING STEEL SHALL BE 1-1/2" UNLESS OTHERWISE SHOWN.
5. USE HILT HIT HY150 INJECTION ADHESIVE ANCHOR OR APPROVED EQUAL FOR ALL ANCHOR BOLT GROUTING.
6. ALL INGRADE INLETS SHALL CONFORM TO STREET GRADE. ALL INLETS IN SUMP SHALL BE LEVEL. BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.
7. FOR 2'X2' OPENING SEE STANDARD PLAN 614.11D FOR CURVED VANE GRATE AND FRAME DETAIL.
8. FOR 4'X2' OPENING USE NEENAH R-4999-L6 TYPE "L" GRATE WITH TYPE "B" FRAME OR APPROVED EQUAL.



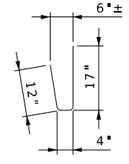
SECTION B-B

PAVEMENT BAR BILL					
TYPE	WIDTH	LENGTH	MARK	NO.	LENGTH
D	2'	2'	E	6	7'-0"
			F	6	2'-9"
			U	8	2'-9"
	4'	4'	E	6	9'-0"
			F	6	2'-9"
			U	8	2'-9"

BARS E, F, & U.....#4



DETAIL A



U-BARS
BENDING DIAGRAM

NOT TO SCALE

SPECIAL SHEET
CULVERT DETAILS
SPECIAL TYPE D GRATE INLET DETAIL
SHEET 3 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

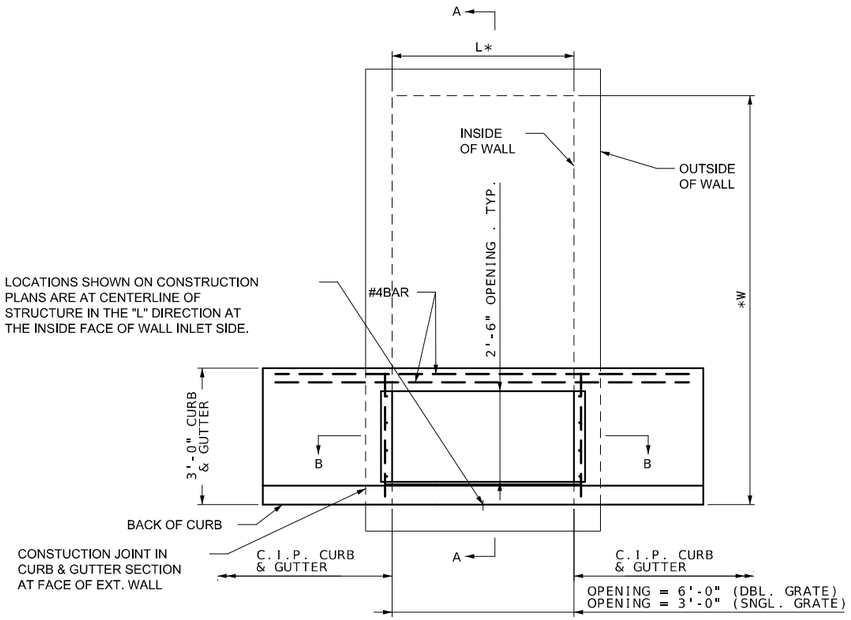
DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 64
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

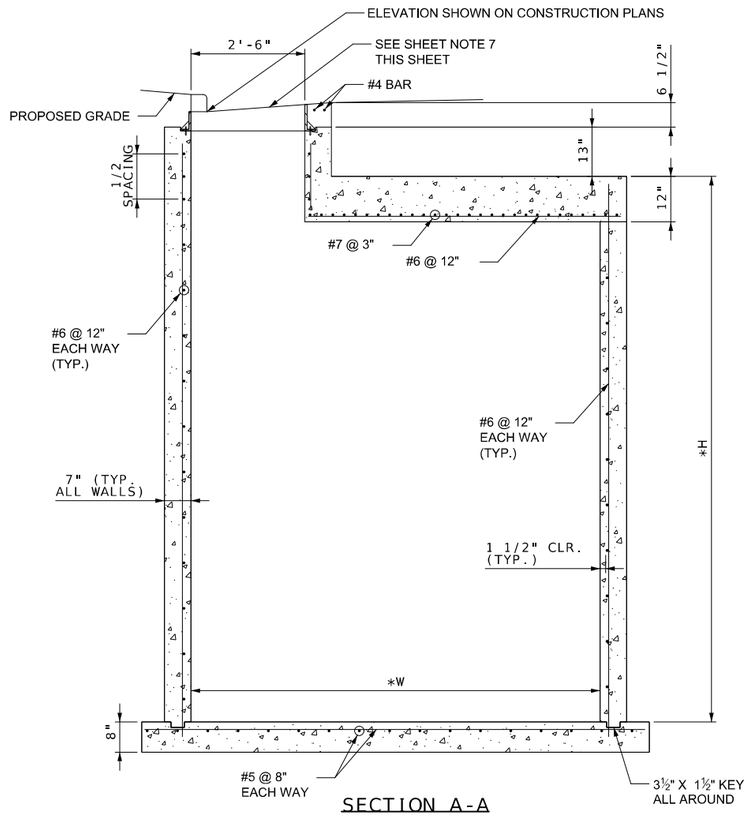
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



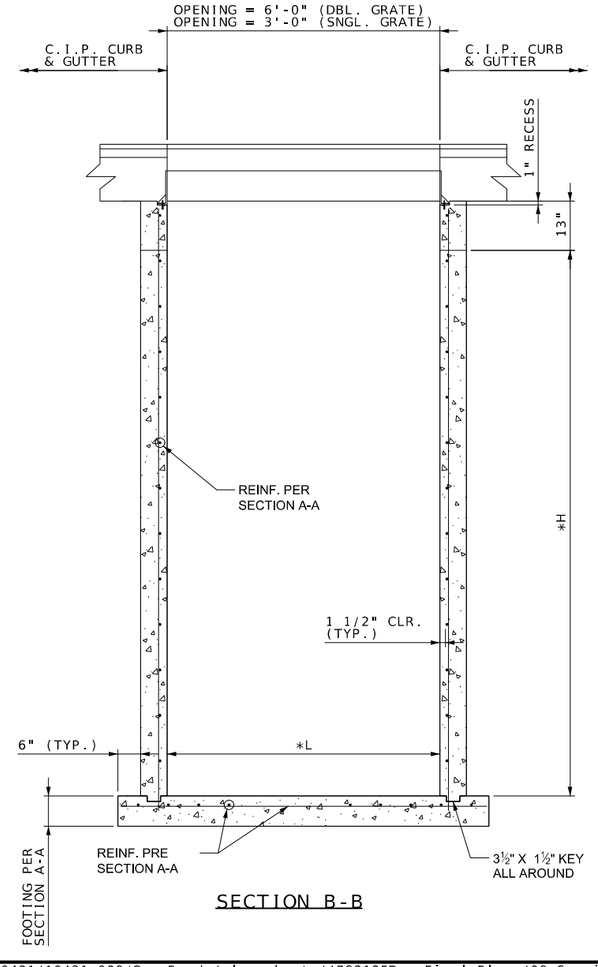
PLAN



SECTION A-A

* H UP TO 12'-0"
L UP TO 8'-0"
W UP TO 9'-0"

NOT TO SCALE



SECTION B-B

NOTES:

1. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTE IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION. FL'S LISTED ON THE PROJECT PLANS ARE LISTED AT THE INSIDE FACE OF THE WALL.
2. FLOOR OF INLET SHALL HAVE A SHAPED CONCRETE INVERT TO PROVIDE FOR SMOOTH FLOW.
3. THE MINIMAL DIMENSION BETWEEN THE TOP OF PIPE AND THE TOP OF BOX SHALL BE 2'-6" (TYPICAL ALL WALLS).
4. ALL CLEAR DISTANCES TO REINFORCING STEEL SHALL BE 1-1/2" UNLESS OTHERWISE SHOWN.
5. USE HILT HIT HY150 INJECTION ADHESIVE ANCHOR OR APPROVED EQUAL FOR ALL ANCHOR BOLT GROUTING.
6. ALL INGRADE INLETS SHALL CONFORM TO STREET GRADE. ALL INLETS IN SUMP SHALL BE LEVEL. BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.
7. NEENAH R-3293-2 DOUBLE CURB INLET FRAME, TYPE 'L' GRATE, & CURB BOX OR APPROVED EQUAL. OR NEENAH R-3246-AL SINGLE CURB INLET FRAME, TYPE 'L' GRATE, & CURB BOX OR APPROVED EQUAL.

SPECIAL SHEET
CULVERT DETAILS
COMBINATION GRATE INLET DETAIL
SHEET 4 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 65
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS, AND CONCRETE BARRIER

SIGN SPACING FOR ADVANCE SIGN SERIES (1)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

TAPER LENGTHS AND END TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (2)			END TREATMENT (3)
	10'	11'	12'	
<40	160'	168'	176'	BARRIER HEIGHT TRANSITION
>40	160'	168'	176'	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER	BUFFER LENGTH FT.	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

NOTE: SEE STANDARD PLAN 616.10 FOR TEMPORARY TRAFFIC CONTROL DIVICES

NOTES:

(1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION MAY BE ADJUSTED BY INCREASING TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.

(2) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LAND AND 10' SHOULDER.

(3) CONCRETE BARRIER MAY BE INSTALLED AT AN 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER. CONTRACTOR MAY PROVIDE CONCRETE BARRIER AT OWN EXPENSE. INCIDENTAL TO PROJECT.

GENERAL NOTES:

1. AS WITH ALL CONSTRUCTION ACTIVITIES, TRAFFIC SITUATIONS ARE SUBJECT TO CHANGE. THE CONTRACTOR SHALL BE AWARE THAT ALL TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE STANDARDS OUTLINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION SECTION 600, AND SHALL FOLLOW THE GUIDELINES IN THE MODOT "TRAFFIC CONTROL FOR FIELD OPERATIONS MANUAL".
2. TWO (2) PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE SUPPLIED A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF ANY TURNING RESTRICTIONS, LANE CLOSURES, OR DETOURS REQUIRED BY THE TEMPORARY TRAFFIC CONTROL.
3. PLACE A 'ROAD WORK AHEAD' SIGN ON THE APPROACH TO ALL INTERSECTIONS WHERE THE ADVANCE SIGNING FOR THE TEMPORARY TRAFFIC CONTROL EXTENDS PAST THAT INTERSECTION.
4. NOTIFY MODOT RESIDENT ENGINEER AT 417-621-6525 (OFFICE) 48-HOURS IN ADVANCE OF ANY LANE CLOSURE OR ROADWAY CLOSURE.
5. ALL EXISTING SIGNS SHALL BE USED IN PLACE, ADJUSTED, AND/OR COVERED AS CONDITIONS REQUIRE.
6. REFER TO MODOT STANDARD PLANS 619.10J. SHEETS 1-3 FOR "PAVEMENT EDGE TREATMENT" DETAILS. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THIS STANDARD DURING WORKING AND NON-WORKING HOURS.
7. ALL STATIONING, DISTANCES, AND SPACING OF WORK ZONE DEVICES ARE APPROXIMATE AND MAY BE REVISED AS APPROVED BY ENGINEER.
8. TYPE III MOVEABLE BARRICADES TO BE LOCATED AS APPROVED BY THE ENGINEER TO FIT FIELD CONDITIONS.
9. FIRST ORDER OF WORK ON ALL PHASES SHALL BE PLACEMENT OF ALL WORK ZONE WARNING DEVICES AND SIGNS AS NOTED.
10. SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED OR AS APPROVED BY THE ENGINEER.
11. SIGNS LEFT IN PLACE OVERNIGHT MUST BE MOUNTED AT A 5' MINIMUM.
12. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL ON THE ENGINEER.
13. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE WHEN NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
14. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
15. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS OR CONSTRUCTION SIGNS.
16. DISTANCE MAY BE ADJUSTED (INCREASED, TYPICALLY) ACCORDING TO FIELD CONDITIONS.
17. REFER TO MODOT STANDARD PLAN 612.20 FOR SAND FILLED IMPACT ATTENUATORS AND 617.20 FOR TEMPORARY CONCRETE TRAFFIC BARRIER.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

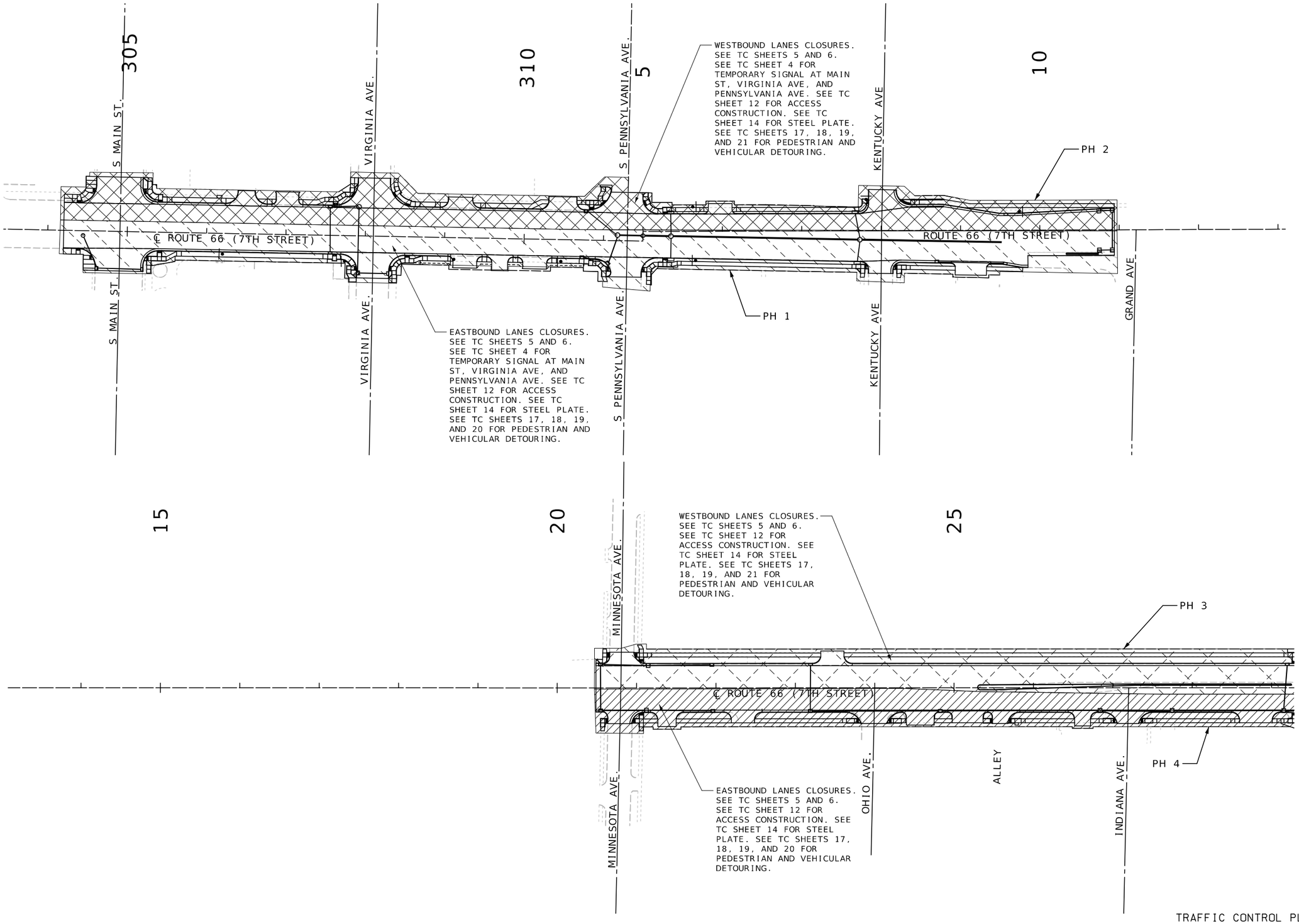
DATE PREPARED 8/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 66
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



TRAFFIC CONTROL PLAN
SHEET 2 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	67

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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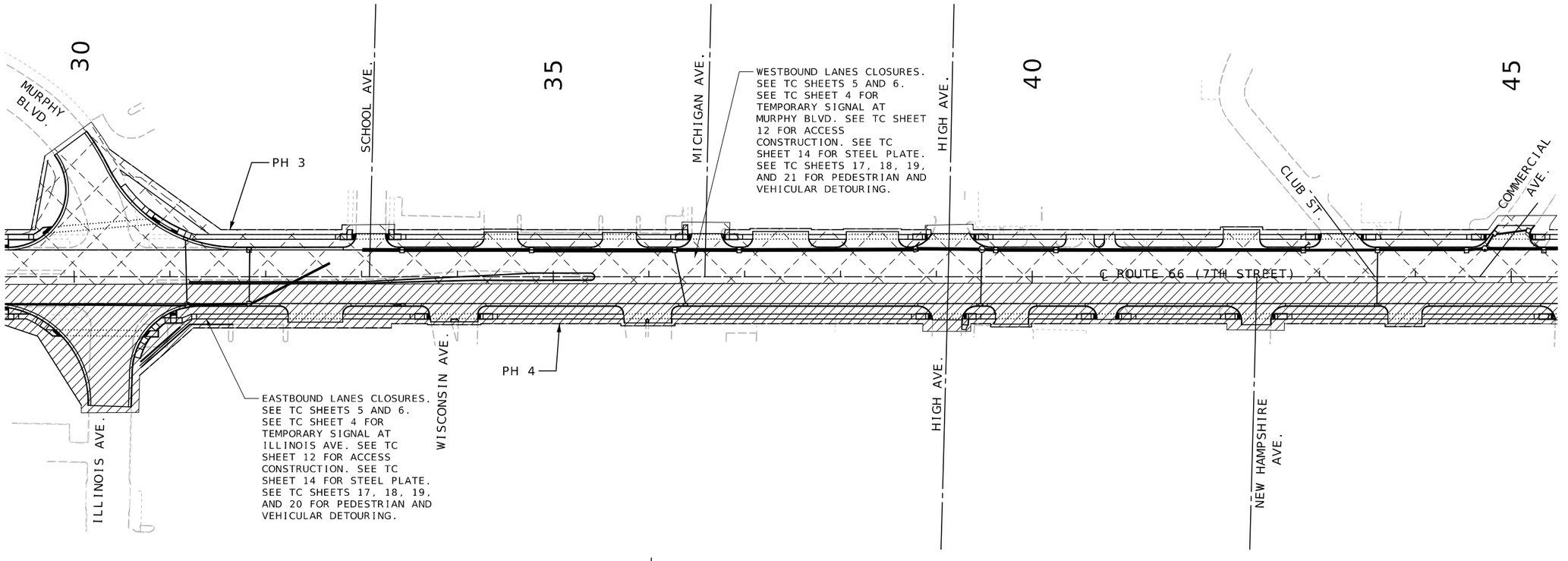

TRAFFIC CONTROL PLAN
SHEET 3 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	68

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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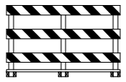
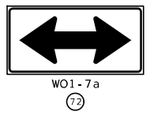
TEMPORARY SIGNAL FOR 2 LANE CLOSURE ON A MULTI-LANE HIGHWAY





3 DEVICES
(HARD CLOSURE)



LEGEND

- ACTIVE CONSTRUCTION AREA
- CHANNELIZER
- TYPE 3 BARRICADE
- TEMPORARY TRAFFIC CONTROL SIGN
- TEMPORARY TRAFFIC SIGNAL

NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. LANE WIDTHS SHALL BE A MINIMUM OF 9'.
5. CONTRACTOR TO TIE TEMPORARY SIGNAL INTO EXISTING SIGNAL TIMINGS.
6. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

NOT TO SCALE

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	69

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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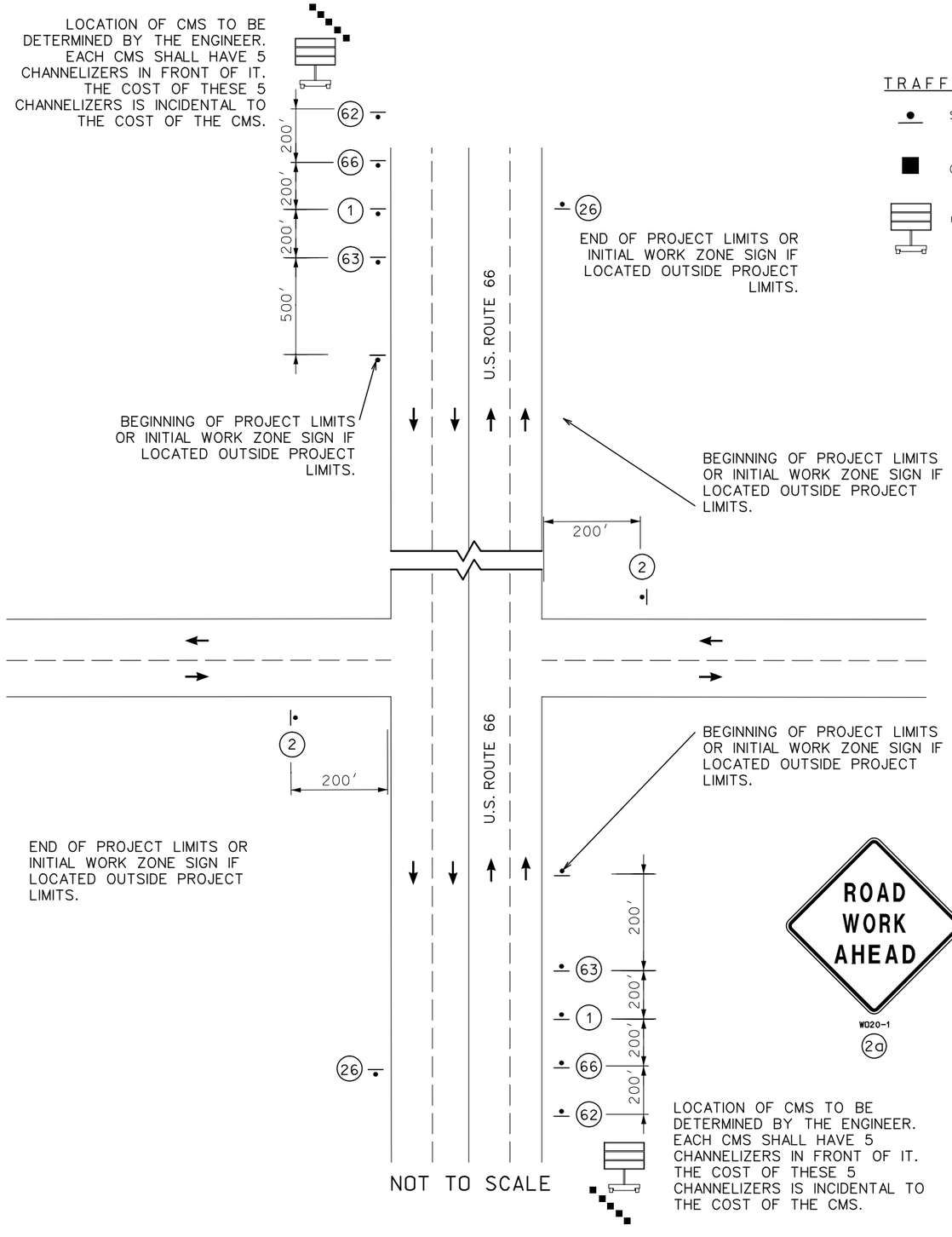
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

BEGIN AND END OF PROJECT SIGNING



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- CHANGEABLE MESSAGE SIGN

NOTES:

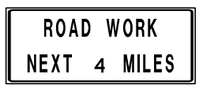
1. SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ADJUSTMENTS ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS OCCUR OR ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ADDITIONAL SIGNING.





THESE SIGNS SHALL BE PLACED AT THE DIRECTION OF THE ENGINEER.













TRAFFIC CONTROL PLAN
SHEET 5 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	70

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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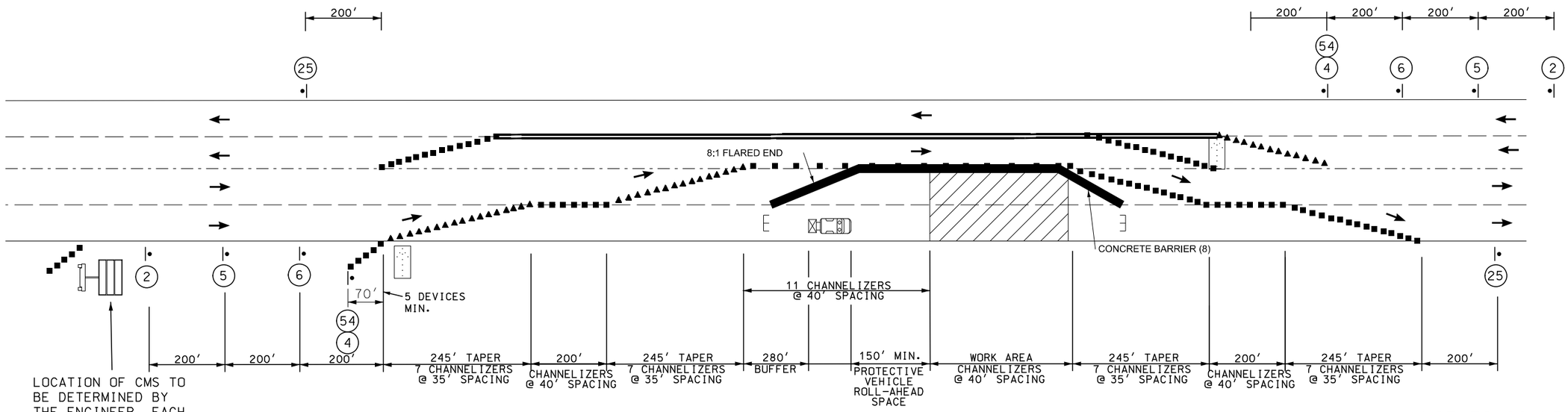
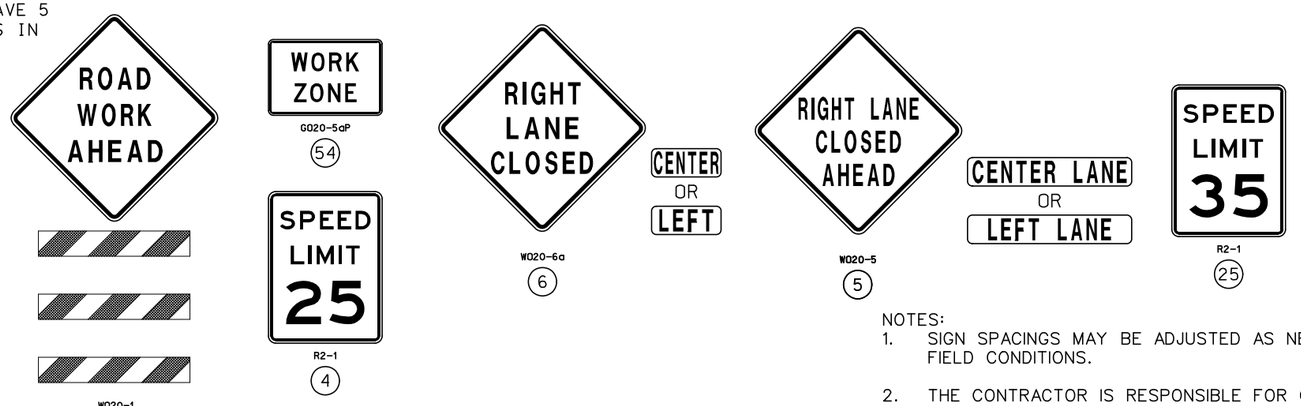
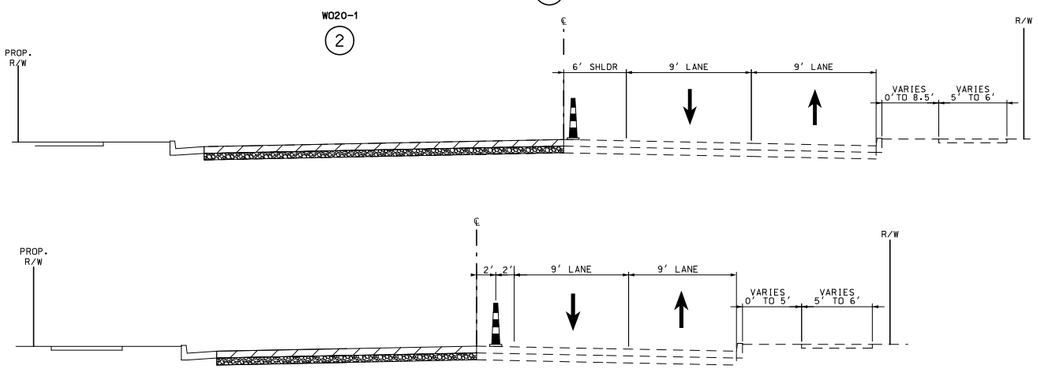
STATIONARY LANE CLOSURE ON A MULTI-LANE HIGHWAY



NOT TO SCALE

LOCATION OF CMS TO BE DETERMINED BY THE ENGINEER. EACH CMS SHALL HAVE 5 CHANNELIZERS IN FRONT OF IT.





NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. LANE WIDTHS SHALL BE A MINIMUM OF 9'.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES.
6. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
7. FLASHING ARROW PANEL ON PROTECTIVE VEHICLE SHALL BE OPERATED IN CAUTION MODE. THE PROTECTIVE VEHICLE SHALL HAVE HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS ACTIVATED FOR THE DURATION OF THE WORK ZONE.
8. CONCRETE BARRIER SHALL BE USED AS NEEDED FOR CONSTRUCTION PHASING.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE
- FLASHING ARROW PANEL
- PROTECTIVE VEHICLE WITH FLASHING ARROW PANEL AND TMA
- CHANGEABLE MESSAGE SIGN
- TEMPORARY TRAFFIC BARRIER
- TYPE 3 BARRICADE

TRAFFIC CONTROL PLAN
SHEET 6 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	71

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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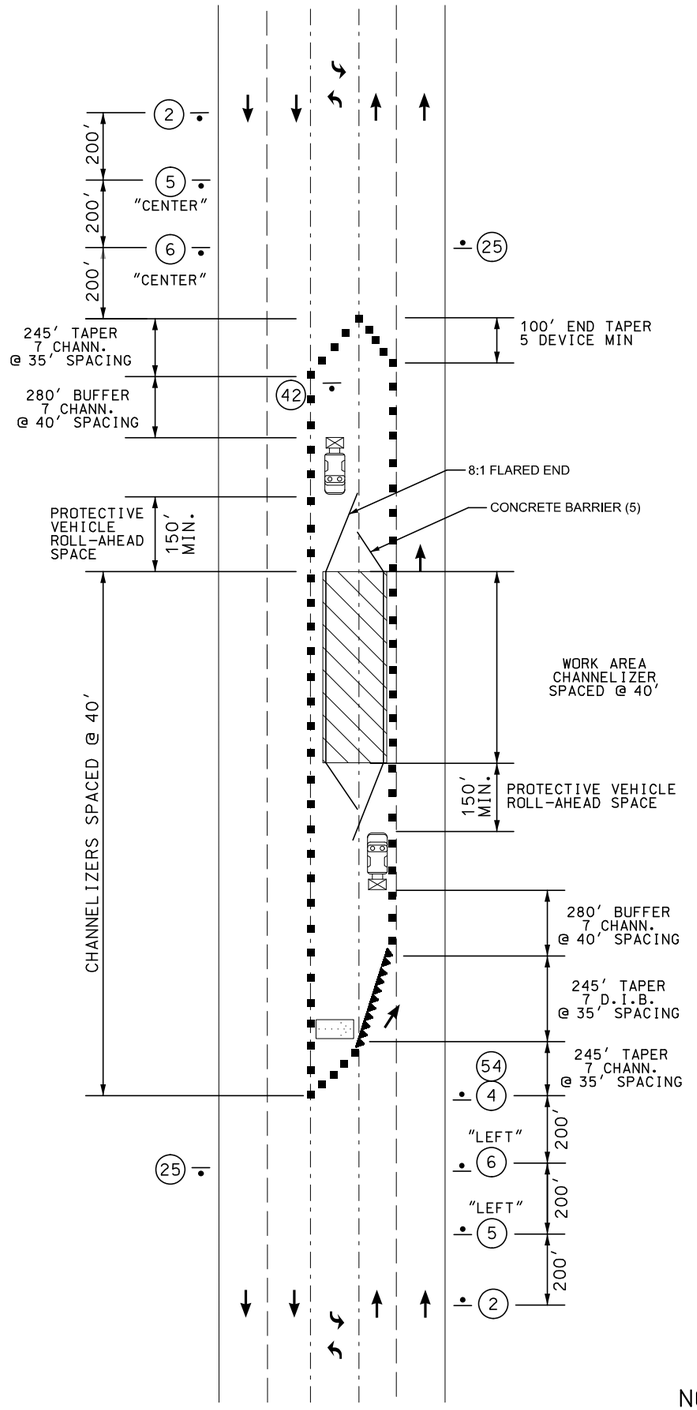
LEFT LANE CLOSURE WITH CENTER TWO-WAY LEFT TURN LANE CLOSURE

NOTES:
1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
5. CONCRETE BARRIER SHALL BE USED AS NEEDED FOR CONSTRUCTION PHASING.





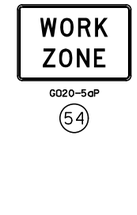
R2-1
4



W020-1
2



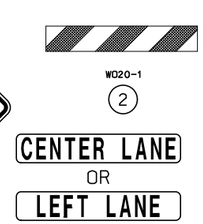
W020-1
2



G020-5aP
54



W020-5
5





R2-1
25



W020-6a
6





R4-7a
42

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- PROTECTIVE VEHICLE WITH FLASHING ARROW PANEL AND TMA
- TEMPORARY TRAFFIC BARRIER

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 7 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 72
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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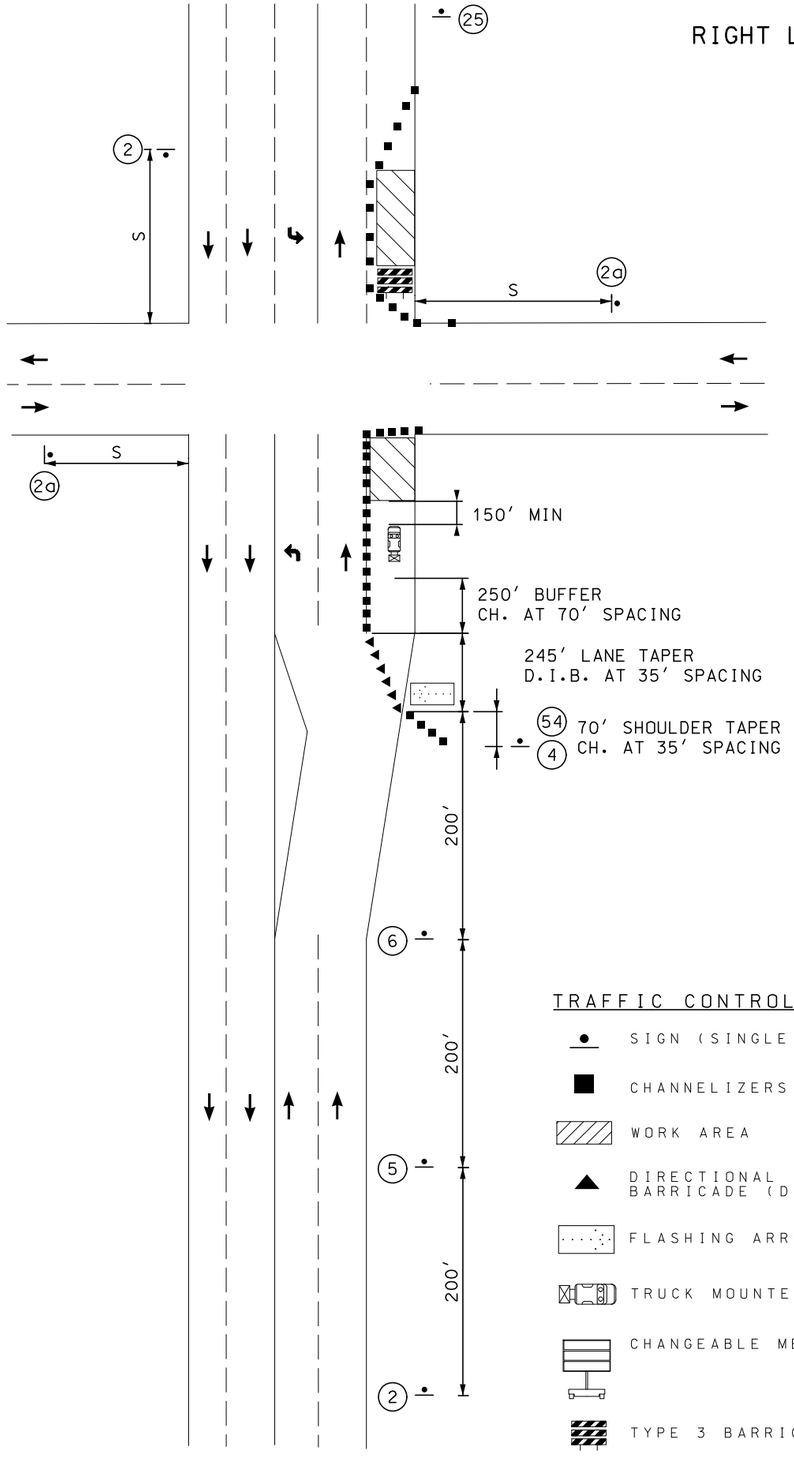
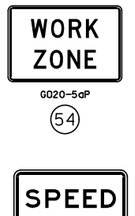
RIGHT LANE CLOSURE AT INTERSECTION WORK ON NEAR OR FAR SIDE

















TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- CHANGEABLE MESSAGE SIGN
- TYPE 3 BARRICADE

NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKING, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

TRAFFIC CONTROL PLAN
SHEET 8 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 73
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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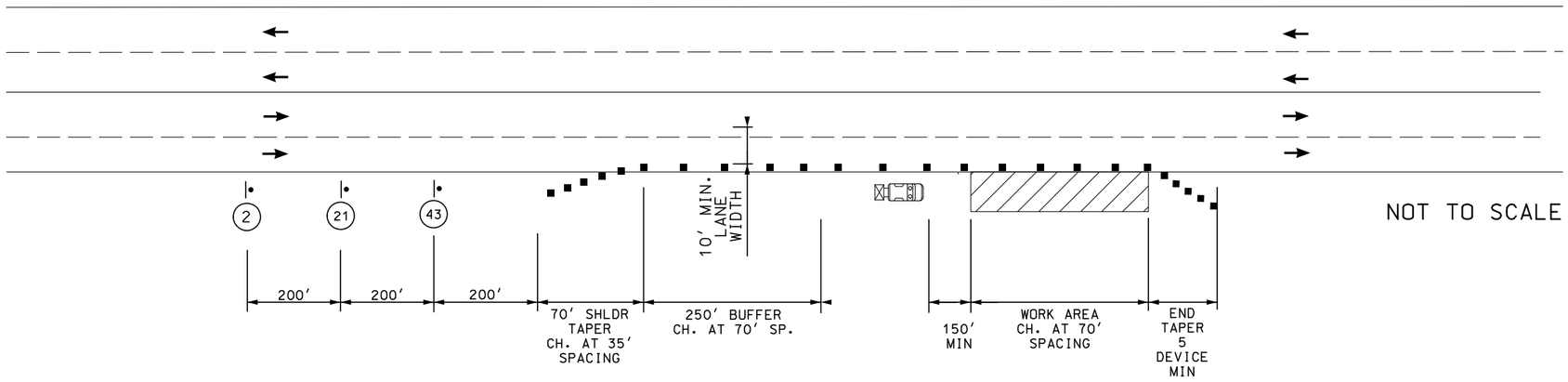
STATIONARY SHOULDER CLOSURE



NOT TO SCALE

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3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- CHANGEABLE MESSAGE SIGN



W020-1
2



W021-5
21



W05-1
43

TRAFFIC CONTROL PLAN
SHEET 9 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	74

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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NOTES:

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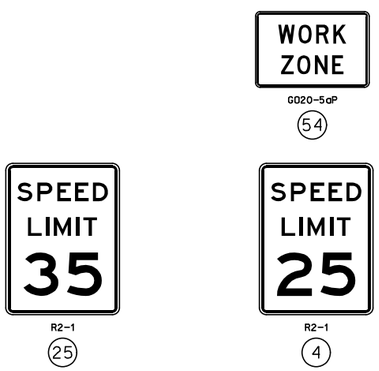
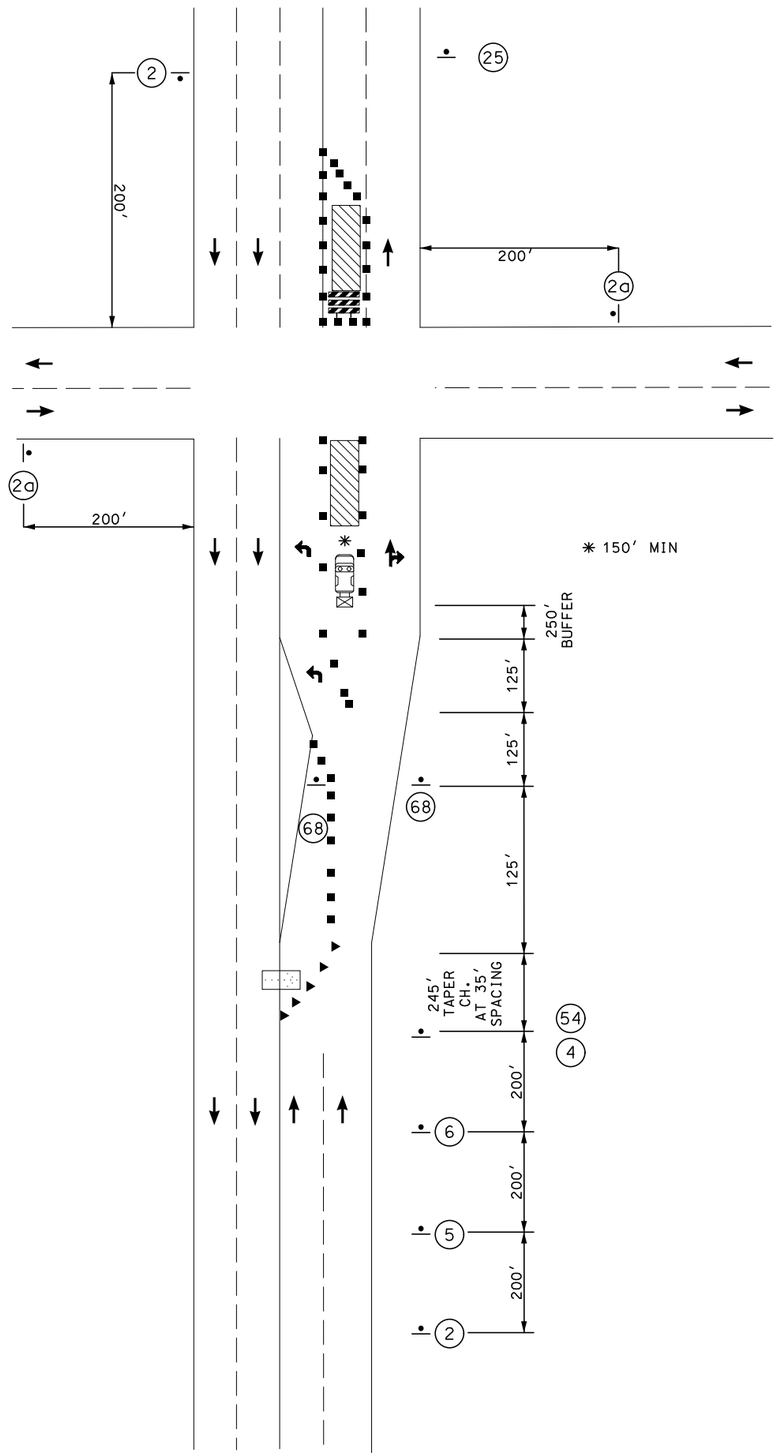
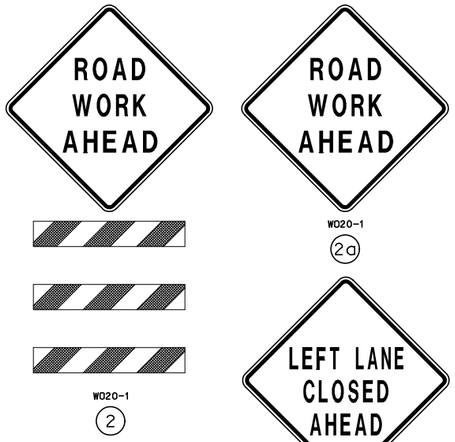
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKINGS AS NEEDED.
5. LANES WIDTHS SHALL BE A MINIMUM OF 10'.
6. CONTRACTOR SHALL MAKE EVERY EFFORT TO MAINTAIN ACCESS TO BUSINESSES DURING CONSTRUCTION. CLOSURE OF SIDE STREETS AND COMMERCIAL ENTRANCES SHALL BE MINIMIZED.
7. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
8. REDUCED SPEED LIMIT IS POSTED SPEED LIMIT MINUS 10 MPH WITH A MINIMUM SPEED LIMIT OF 35 MPH.
9. FLAGS ARE REQUIRED FOR DAY TIME HOURS ONLY.
10. TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
11. PAVEMENT MARKING AND TYPE 3 BARRICADES ARE OPTIONAL FOR SHORT TERM OPERATIONS.
12. LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
13. FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS, OR DETECTOR SETTINGS.
14. FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FOOT DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE NORMAL SPACING.
15. THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.



LEFT LANE CLOSURE AT INTERSECTION





TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- TYPE 3 BARRICADE

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 10 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	75

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

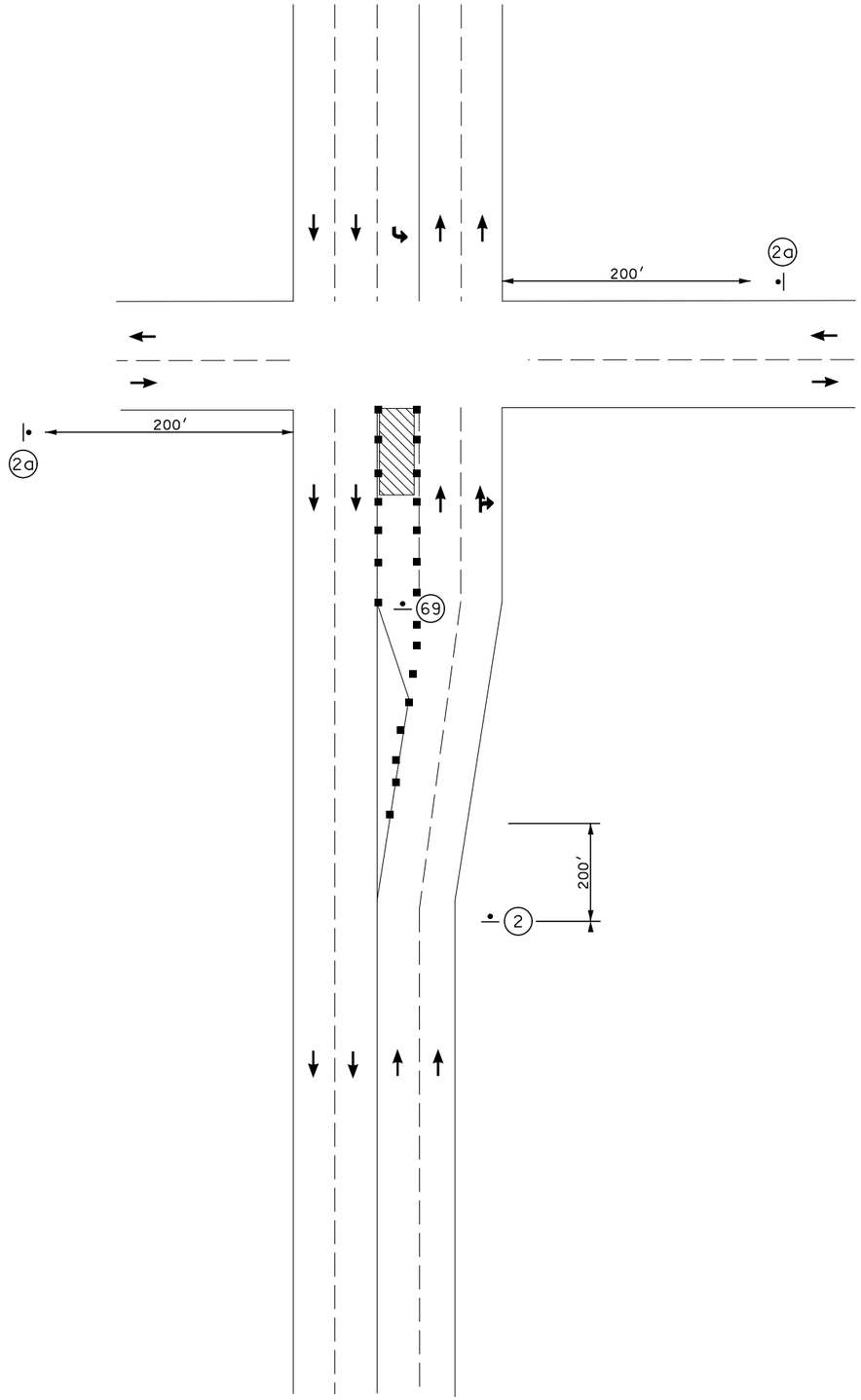
DESCRIPTION	DATE

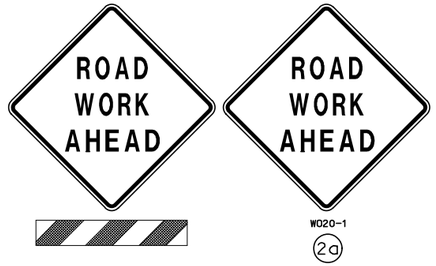
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TURN LANE CLOSURE AT INTERSECTION







NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 11 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	76

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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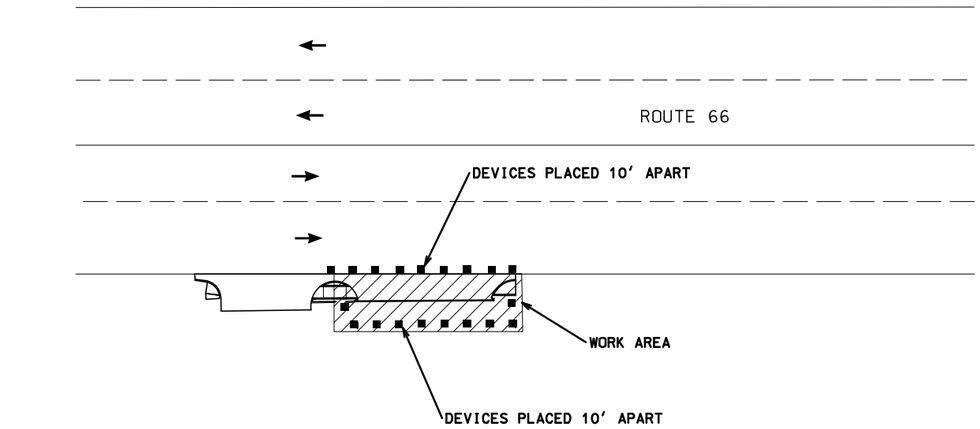
TYPICAL TRAFFIC CONTROL FOR ENTRANCE CONSTRUCTION



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF PROPERTY HAS MULTIPLE ENTRANCES, THE CONTRACTOR MAY CLOSE ONE ENTIRE ENTRANCE.
2. IF PROPERTY HAS ONLY A SINGLE ENTRANCE, THEN THE ENTRANCE SHALL BE CONSTRUCTED IN HALVES, WHERE POSSIBLE. OTHERWISE, THE CONTRACTOR SHALL COORDINATE WITH RESIDENTS IN ADVANCE TO PROVIDE ACCESS TO PROPERTY.
3. THE CONTRACTOR SHALL LIMIT THE WORK ZONE TO MINIMIZE IMPACT ACCESS TO THE BUSINESS.
4. THE CONTRACTOR SHALL NOT PARK EQUIPMENT OR STORE MATERIALS IN THE TEMPORARY EASEMENTS DURING NON-WORKING HOURS.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO THE PROPERTY.
6. SEE ALSO TRAFFIC CONTROL FOR SHOULDER WORK WITH TRAVELWAY ENCROACHMENT AS NEEDED.
7. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 12 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	77

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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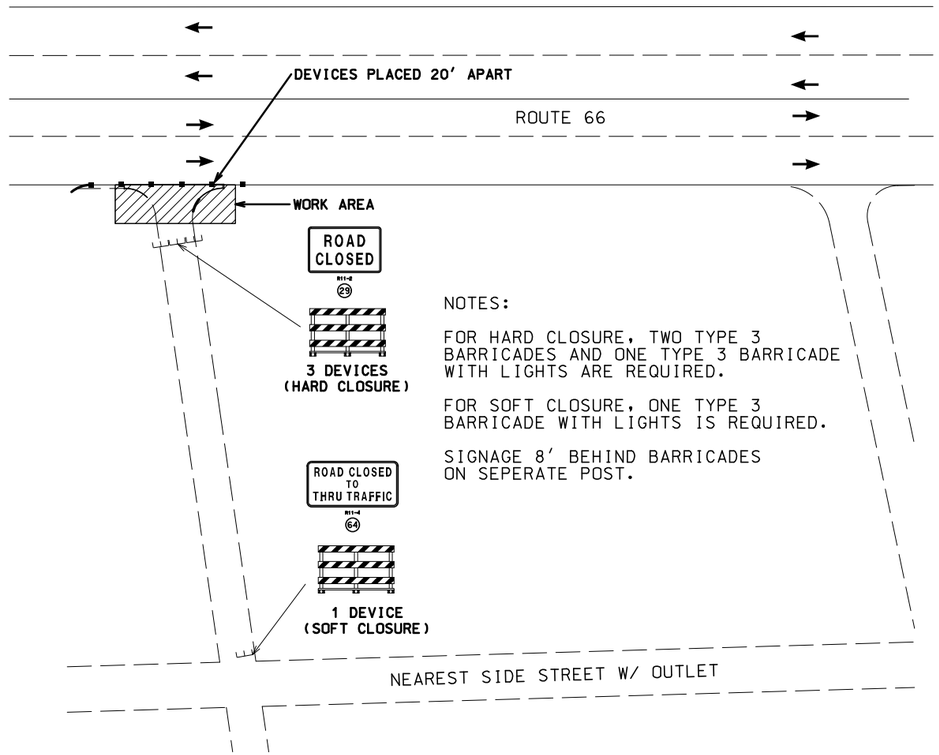
CLOSURE OF NON-SIGNALIZED STREET



NOTES:

FOR HARD CLOSURE, TWO TYPE 3 BARRICADES AND ONE TYPE 3 BARRICADE WITH LIGHTS ARE REQUIRED.

FOR SOFT CLOSURE, ONE TYPE 3 BARRICADE WITH LIGHTS IS REQUIRED.

SIGNAGE 8' BEHIND BARRICADES ON SEPERATE POST.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF NEAREST SIDE STREET DOES NOT HAVE AN OUTLET, OR DISTANCE TO NEAREST OUTLET IS NOT FEASIBLE, NON-SIGNALIZIED INTERSECTION SHALL BE CONSTRUCTED IN HALVES, KEEPING HALF OF ENTRANCE OPEN AT ALL TIMES.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 13 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	78

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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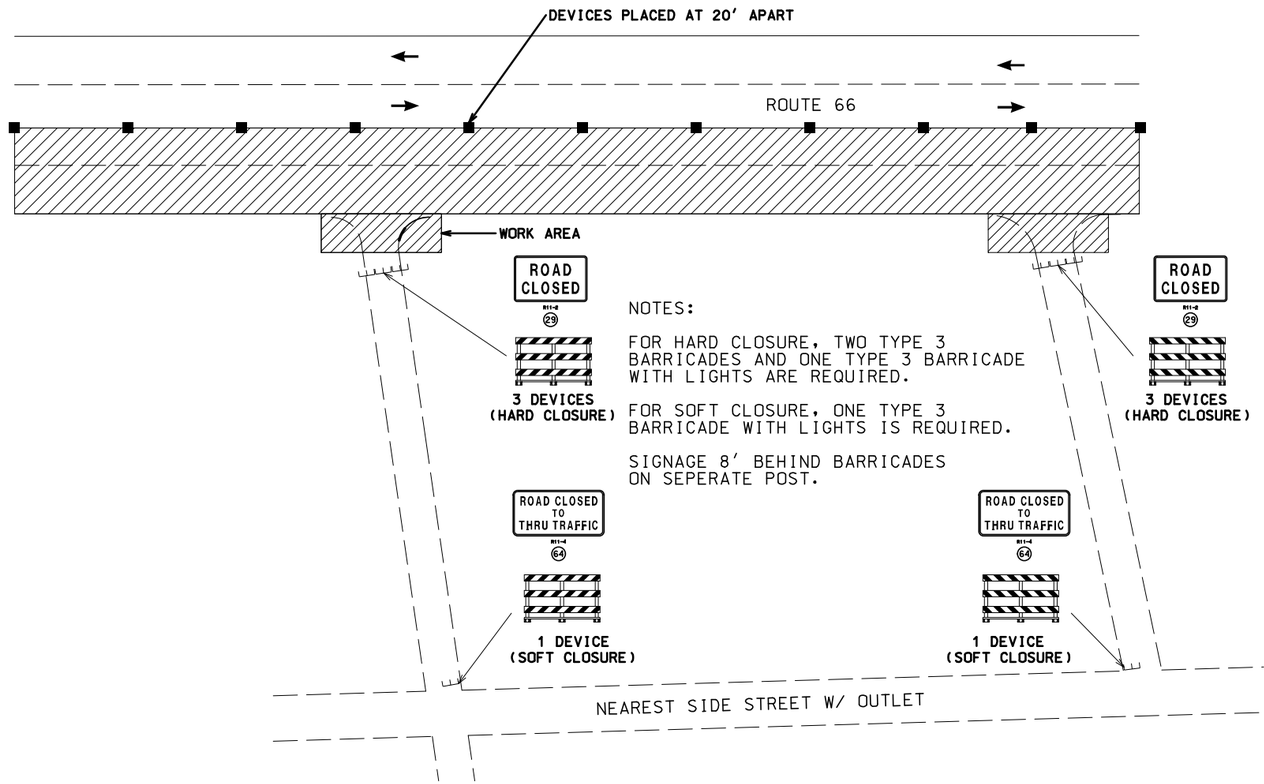
pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.900/OpenRoads/plan_sheets/J7S2185D - Final Plans/09 Traffic Control Sheets (TC)/078_TC_13_J7S2185D_i1.dgn 5:34:08 PM 8/3/2025

CLOSURE OF NON-SIGNALIZED SIDE STREETS WITH LANE CLOSURES



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF NEAREST SIDE STREET DOES NOT HAVE AN OUTLET, OR DISTANCE TO NEAREST OUTLET IS NOT FEASIBLE, NON-SIGNALIZIED INTERSECTION SHALL BE CONSTRUCTED IN HALVES, KEEPING HALF OF ENTRANCE OPEN AT ALL TIMES.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 14 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	79

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

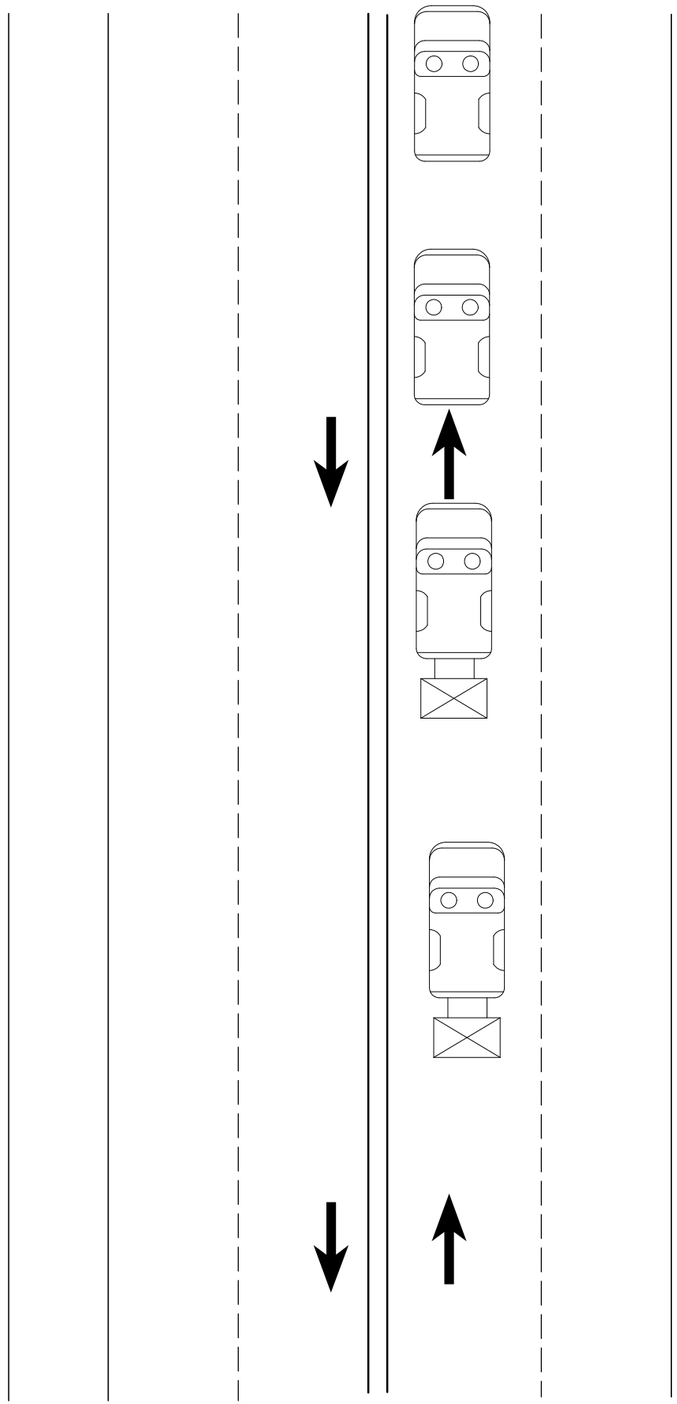
DESCRIPTION	DATE

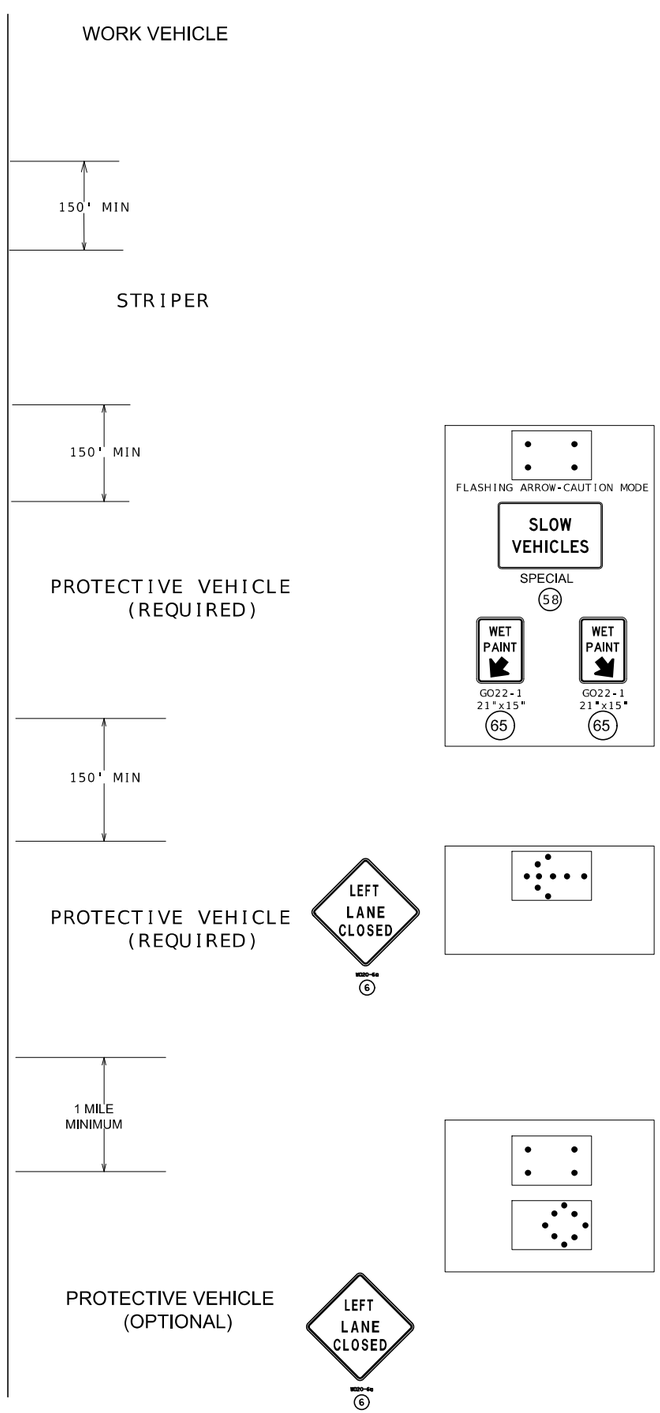
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

STRIPING OPERATION ON UNDIVIDED MULTI-LANES





NOTES:

ALL SIGNS SHALL HAVE TYPE 3 FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY, ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

FLASHING ARROW PANELS SHALL, AT A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

THE STRIPING OPERATION SHALL BE COMPLETED UNDER A LANE CLOSURE.

THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

TRAFFIC CONTROL LEGEND

FLASHING ARROW PANEL

TRUCK MOUNTED ATTENUATOR

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 15 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	80

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

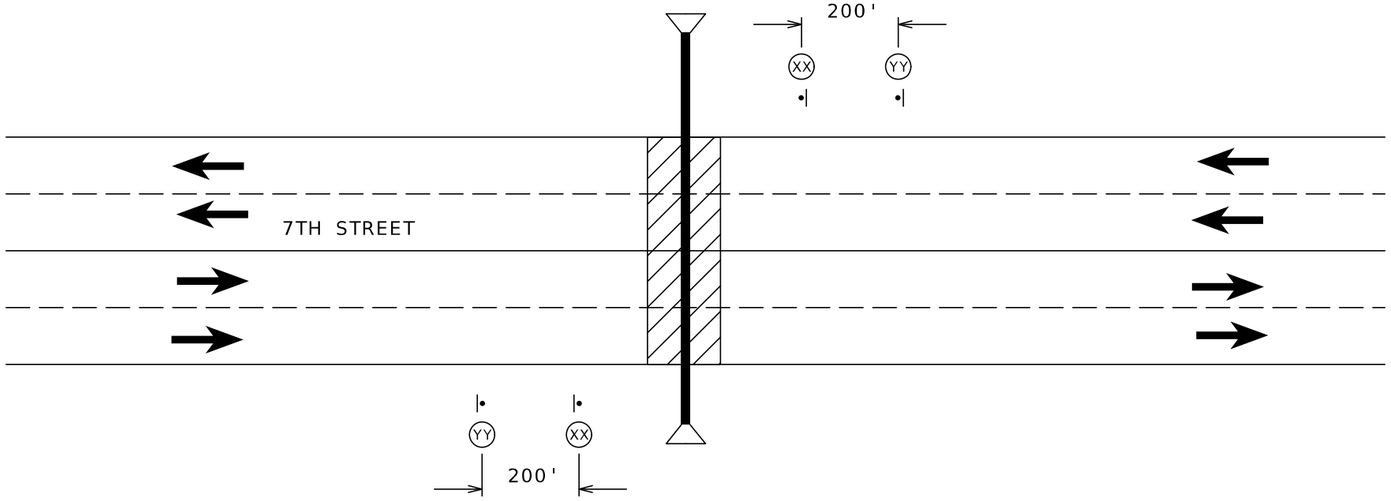
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

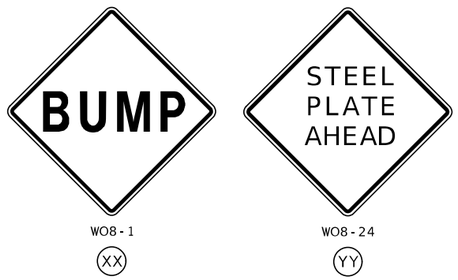
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

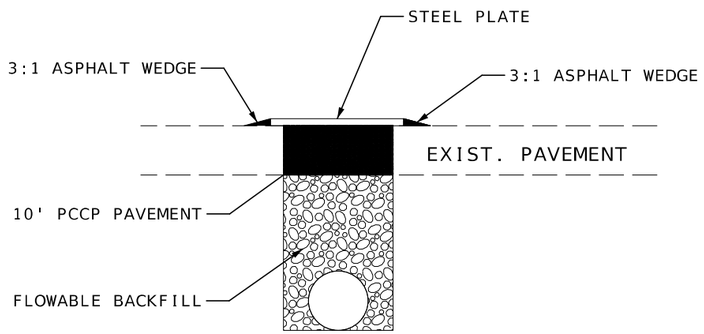
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC CONTROL PLAN FOR CROSS ROAD CULVERT INSTALLATION (OPEN TO NORMAL TRAFFIC)







TYPICAL CULVERT INSTALLATION

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

NOT TO SCALE

GENERAL NOTES:

1. PERIMETER OF STEEL PLATE SHALL HAVE A GRADUAL TRANSITION OF 1V:3H. THE GRADUAL TRANSITION MAY BE ACCOMPLISHED BY ASPHALT WEDGING OR A MECHANICAL FASTENER APPROVED BY THE ENGINEER. THE PLATE SHALL HAVE DELINEATION AND BE TREATED FOR SKID RESISTANCE.

2. STEEL PLATE SHALL REMAIN IN PLACE UNTIL PCCP PAVEMENT HAS REACHED 3000 PSI.

3. THE TOP OF FLOWABLE BACKFILL WILL BE COVERED WITH A FABRIC OR COATING TO PROVIDE BOND BREAKER BETWEEN THE BACKFILL AND PAVEMENT.

4. CROSS ROAD CULVERTS IN THE AREA OF PAVEMENT REPLACEMENT SHALL BE INSTALLED PRIOR TO NEW PAVEMENT. THESE CULVERTS WILL BE BACKFILLED AND PLATED UNTIL THE NEW PAVEMENT REPLACEMENT.

5. THERE WILL BE NO DIRECT PAYMENT FOR THE STEEL PLATE OR ASPHALT WEDGE.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

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DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	81

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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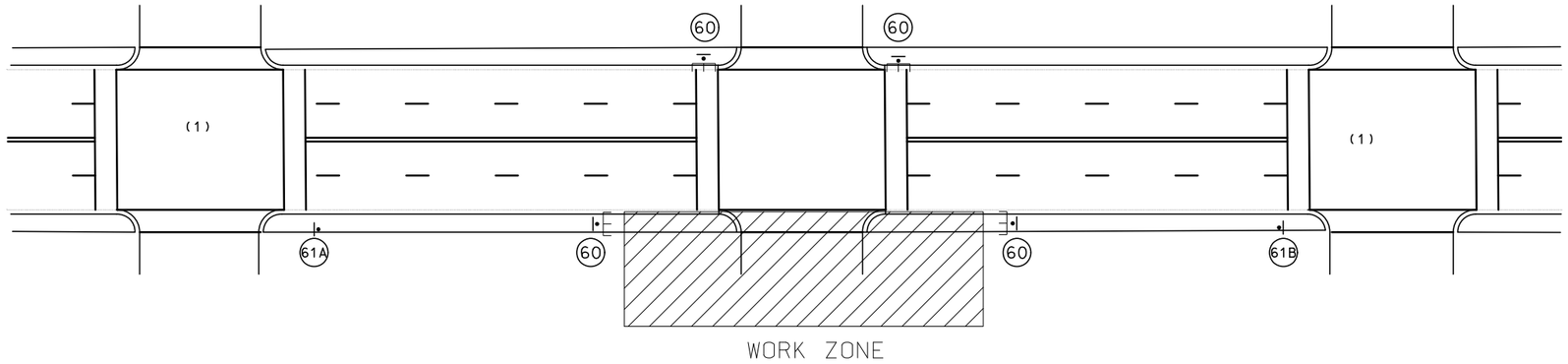
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CROSSWALK CLOSURE AND PEDESTRIAN DETOUR





R9-9

60



R9-11L

61A



R9-11R

61B

NOTES:

(1) DETOUR AT THE NEAREST SIGNALIZED CROSSWALK WHERE POSSIBLE

(2) CONTRACTOR SHALL MAINTAIN AN ADA-ACCESSIBLE DETOUR ROUTE FOR PEDESTRIAN AROUND ALL SIDEWALK AND CROSSWALK CLOSURES. THE CONTRACTOR SHALL BE RESTRICTED TO WORK ON ONE SIDE OF THE ROADWAY BETWEEN BLOCKS.

(3) ALL BUSINESSES SHALL REMAIN ACCESSIBLE AT ALL TIMES.

(4) ALL SIGNS MAY BE RELOCATED TO MEED FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL PLAN
SHEET 17 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	82

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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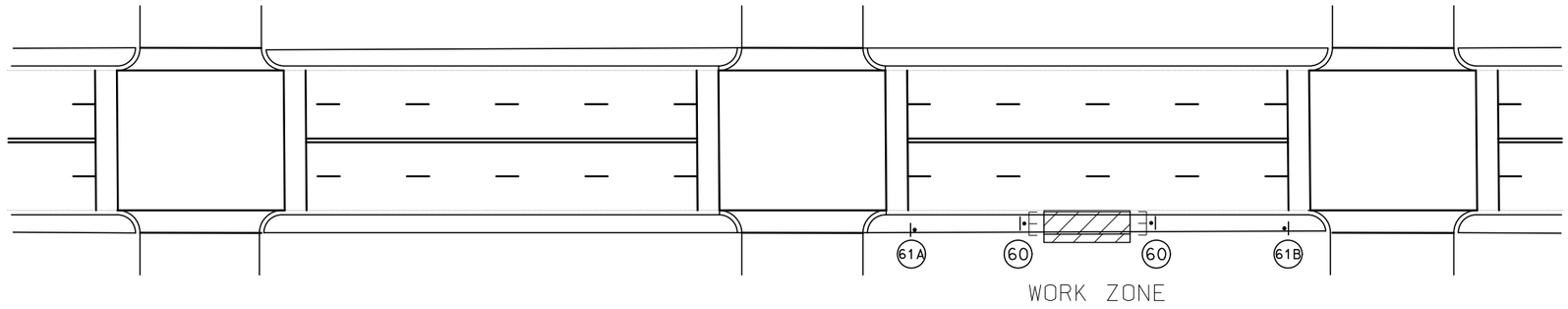
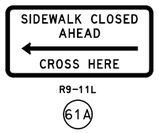
SIDEWALK DETOUR AND PEDESTRIAN DETOUR



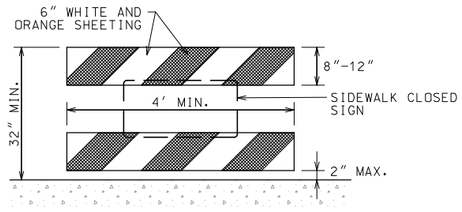






GENERAL NOTES:

1. SIGN SHALL BE PLACED AT NEAREST CROSSWALK STATING SIDEWALK CLOSED.
2. ALL BUSINESSES SHALL REMAIN ACCESSIBLE BY ANOTHER ENTRANCE.
3. ALL SIGNS MAY BE RELOCATED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.



INSTALL DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES AND SIDEWALK CLOSED SIGNS AS DIRECTED BY THE ENGINEER.

WHERE CHANNELIZING DEVICES ARE USED TO CHANNELIZE PEDESTRIANS, THERE SHALL BE CONTINUOUS DETECTABLE BOTTOM AND TOP SURFACES TO BE DETECTABLE TO USERS OF LONG CANES.

DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

TRAFFIC CONTROL PLAN
SHEET 18 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	83

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

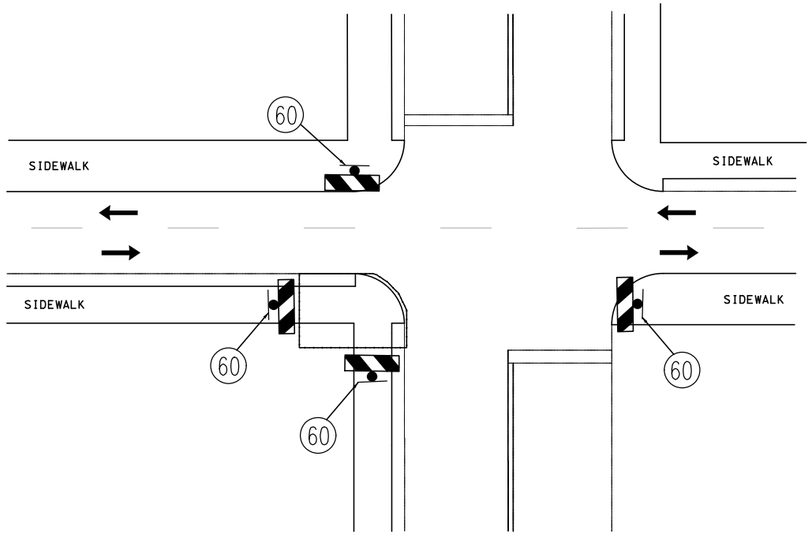
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NOTES:

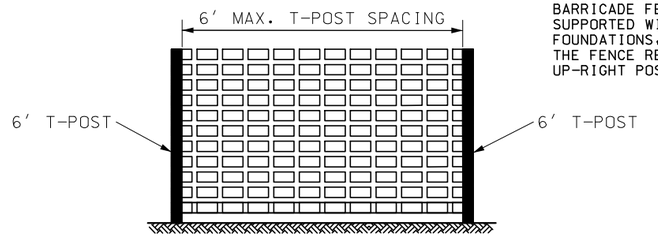
1. NO DIRECT PAYMENT WILL BE MADE FOR ORANGE SAFETY FENCE AS REQUIRED AROUND EXCAVATION OF SIDEWALK & CURB RAMP AREAS.
2. SEE JSP's FOR PEDESTRIAN TRAFFIC DEVICES.
3. WORKING AREAS SHALL BE GUARDED FROM PEDESTRIAN ACCESS BY BARRICADE FENCING 36" TO 48" IN HEIGHT WITH A GAP NO GREATER THAN 6" FROM THE GROUND AND HOLES NO GREATER THAN 4" IN ANY DIRECTION.
4. PEDESTRIAN ACCESS ON SIDEWALK SHALL BE PROVIDED WITH A WIDTH NOT LESS THAN 4' OF SMOOTH STABLE SURFACING ADJACENT TO BARRICADE FENCING FOR ACCESS TO THE MAIN BUILDING.
5. SIDEWALK RAMP CLOSURES FOR RECONSTRUCTION SHALL BE PERFORMED WITH ADA COMPLIANT MOVEABLE BARRICADES. TWO BARRICADES PER PEDESTRIAN APPROACH. ONE SIDEWALK CLOSED SIGN WILL BE PLACED UPON ONE BARRICADE FOR EACH APPROACH, NO MORE THAN ONE 5' SECTION OF SIDEWALK RAMP SHALL BE CLOSED LEADING TO THE MAIN BUILDING AT ANY TIME ADJACENT TO THE WORK AREA.

DUAL-LANE TYPICAL SIDEWALK CLOSURE

NOT TO SCALE

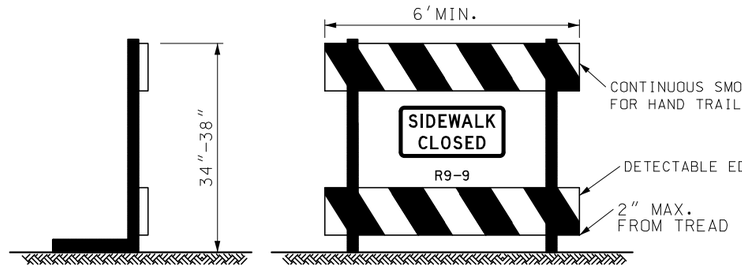


ORANGE PLASTIC SAFETY FENCE

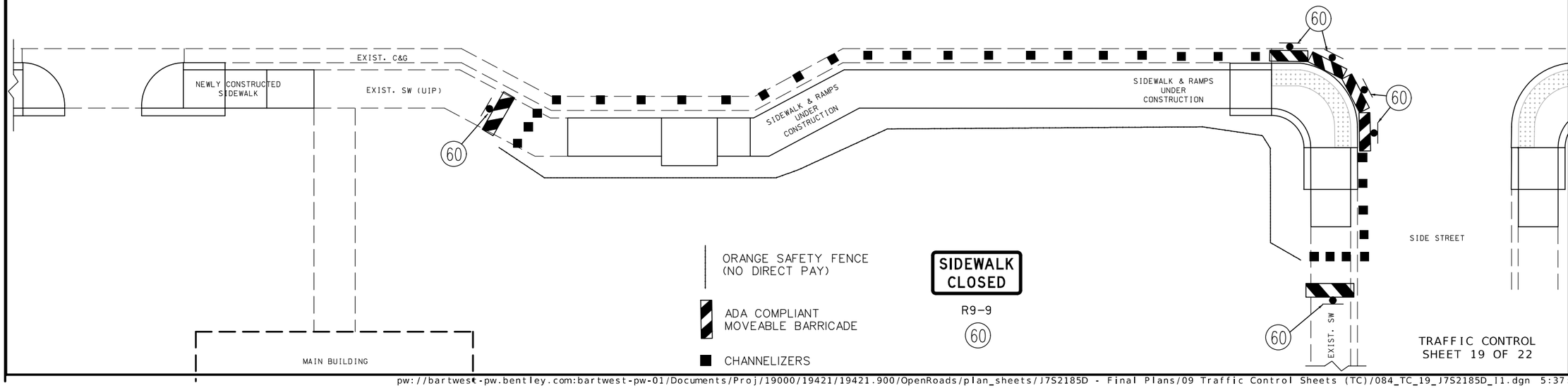


NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST, ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

ADA COMPLIANT MOVEABLE BARRICADE



1. WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
2. CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS IS REQUIRED.
3. NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
4. THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.



TRAFFIC CONTROL SHEET 19 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 84
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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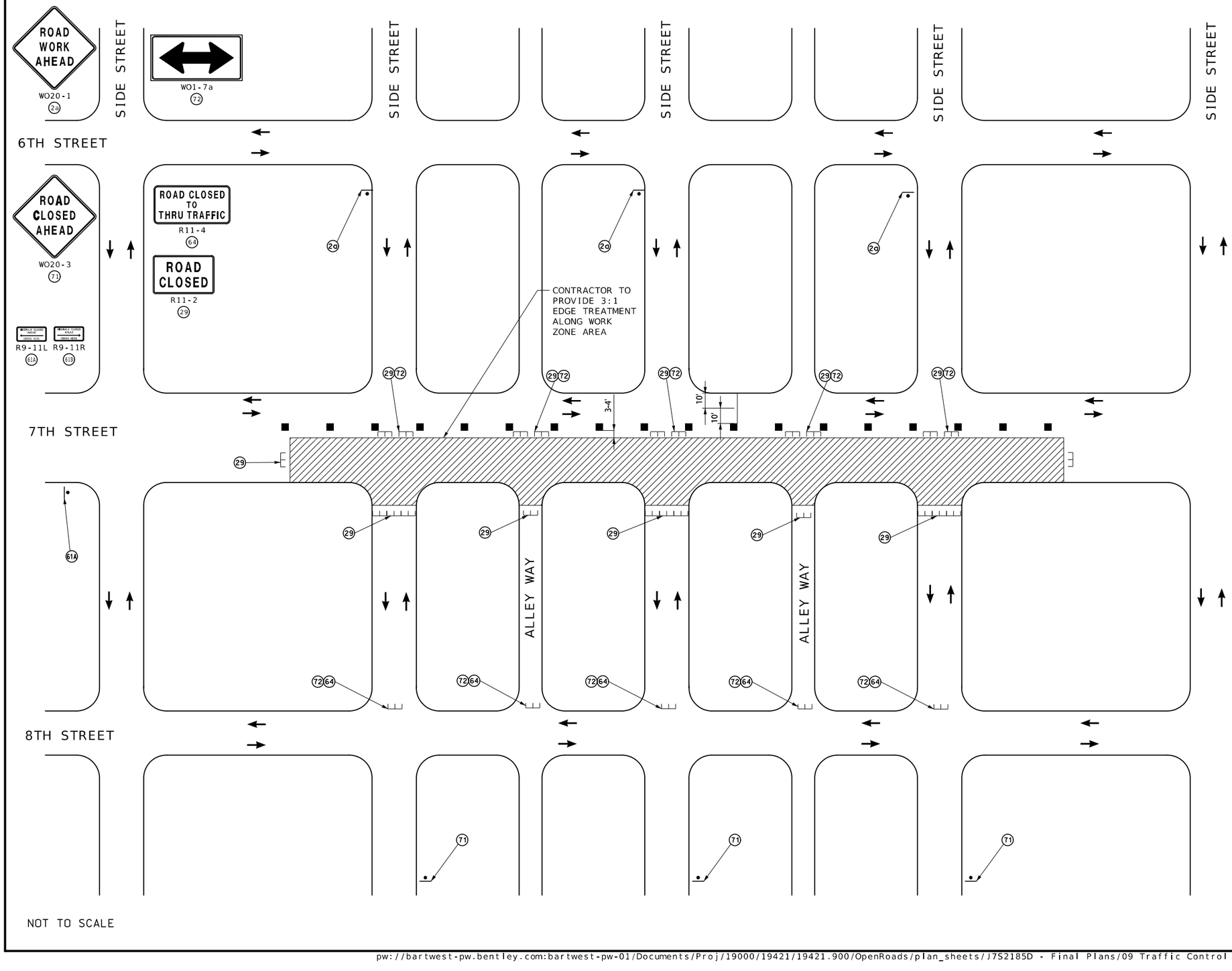
EASTBOUND LANE CLOSURES DETOUR ROUTING (TWO-WAY TRAFFIC)



GENERAL NOTES:

1. ACCESS SHALL BE MAINTAINED TO ALL BUSINESSES WITHIN THE CONSTRUCTION AREA.

2. CONTRACTOR TO COORDINATE TRASH PICKUP WITH WASTE DISPOSAL COMPANY DURING CONSTRUCTION.

3. SIGNAGE SHALL BE MOVED ALONG THE ACTIVE CONSTRUCTION AREA.

4. ACTIVE CONSTRUCTION AREA SHALL NOT EXCEED 750', NOT INCLUDING TAPERS.

5. SEE TRAFFIC CONTROL DETAIL SHEETS FOR TYPICAL LANE CLOSURES, TRAFFIC LANE SHIFTS, AND PEDESTRIAN SIGNAGE TO APPLY TO UPSTREAM AND DOWNSTREAM OF WORK ZONE AREA.

LEGEND

- ACTIVE CONSTRUCTION AREA
- CHANNELIZER
- TYPE 3 BARRICADE
- TEMPORARY TRAFFIC CONTROL SIGN

TRAFFIC CONTROL PLAN
SHEET 20 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/3/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 85
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

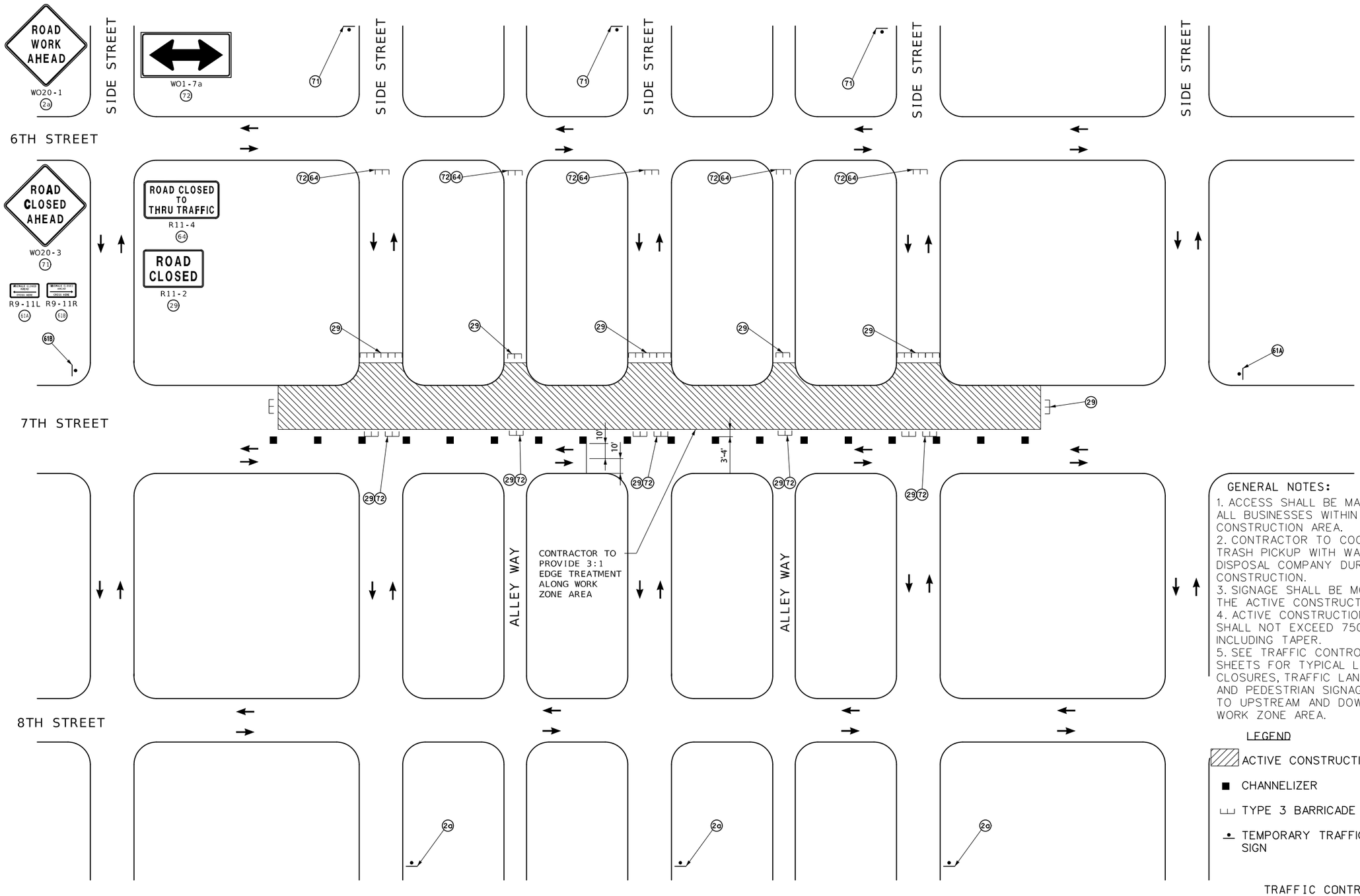
DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

WESTBOUND LANE CLOSURES DETOUR ROUTING (TWO-WAY TRAFFIC)



GENERAL NOTES:

1. ACCESS SHALL BE MAINTAINED TO ALL BUSINESSES WITHIN THE CONSTRUCTION AREA.
2. CONTRACTOR TO COORDINATE TRASH PICKUP WITH WASTE DISPOSAL COMPANY DURING CONSTRUCTION.
3. SIGNAGE SHALL BE MOVED ALONG THE ACTIVE CONSTRUCTION AREA.
4. ACTIVE CONSTRUCTION AREA SHALL NOT EXCEED 750', NOT INCLUDING TAPER.
5. SEE TRAFFIC CONTROL DETAIL SHEETS FOR TYPICAL LANE CLOSURES, TRAFFIC LANE SHIFTS, AND PEDESTRIAN SIGNAGE TO APPLY TO UPSTREAM AND DOWNSTREAM OF WORK ZONE AREA.

LEGEND

- ACTIVE CONSTRUCTION AREA
- CHANNELIZER
- TYPE 3 BARRICADE
- TEMPORARY TRAFFIC CONTROL SIGN

TRAFFIC CONTROL PLAN
SHEET 21 OF 22

NOT TO SCALE

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	86

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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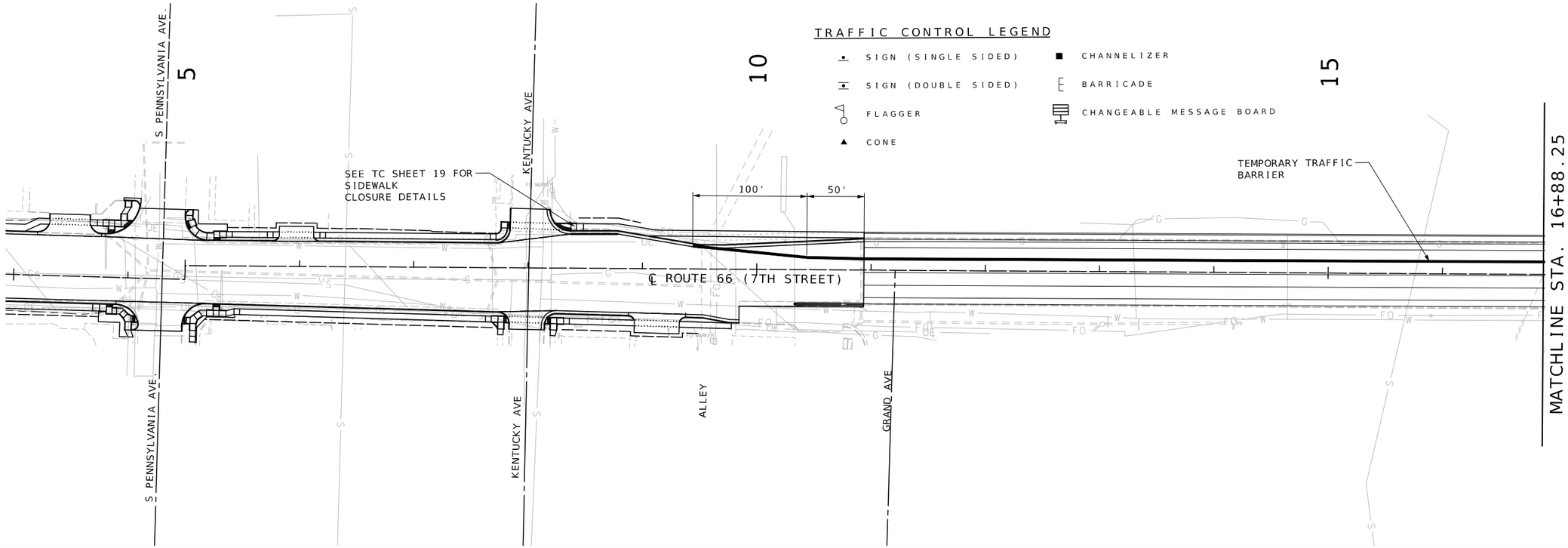
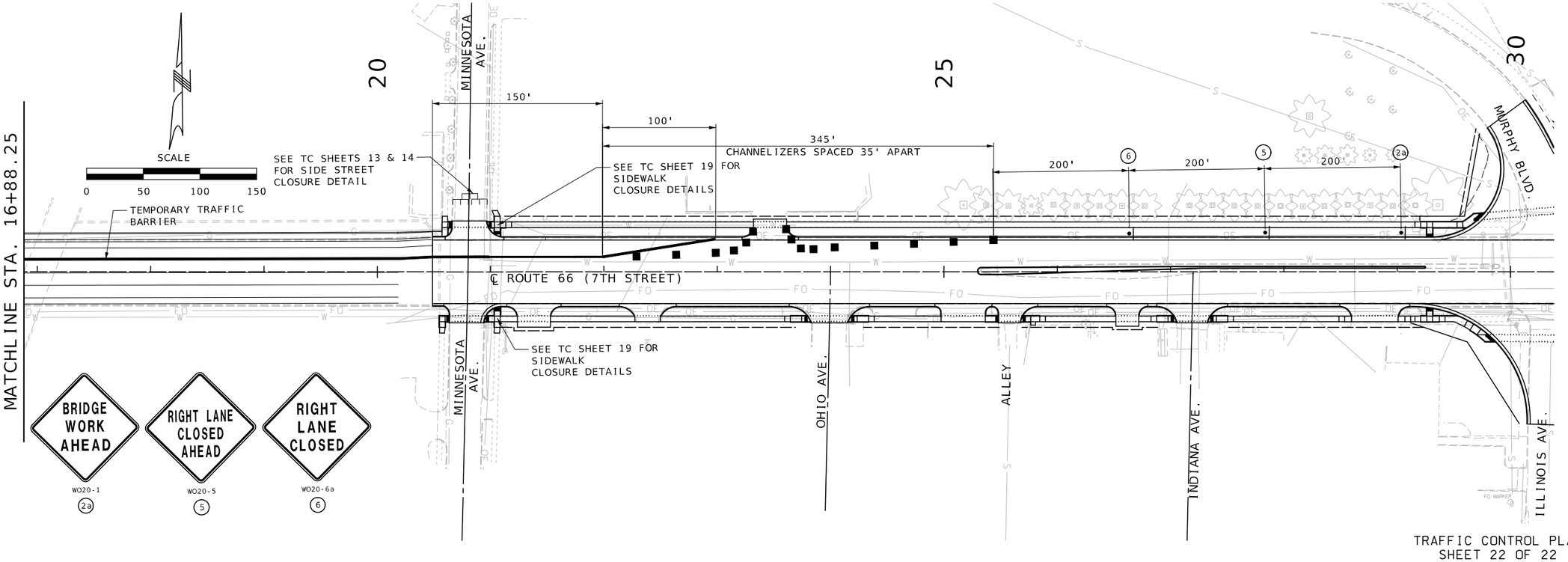
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- CONE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD





TRAFFIC CONTROL PLAN
SHEET 22 OF 22

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	8/3/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	87
COUNTY	JASPER
JOB NO.	J7S2185D
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102
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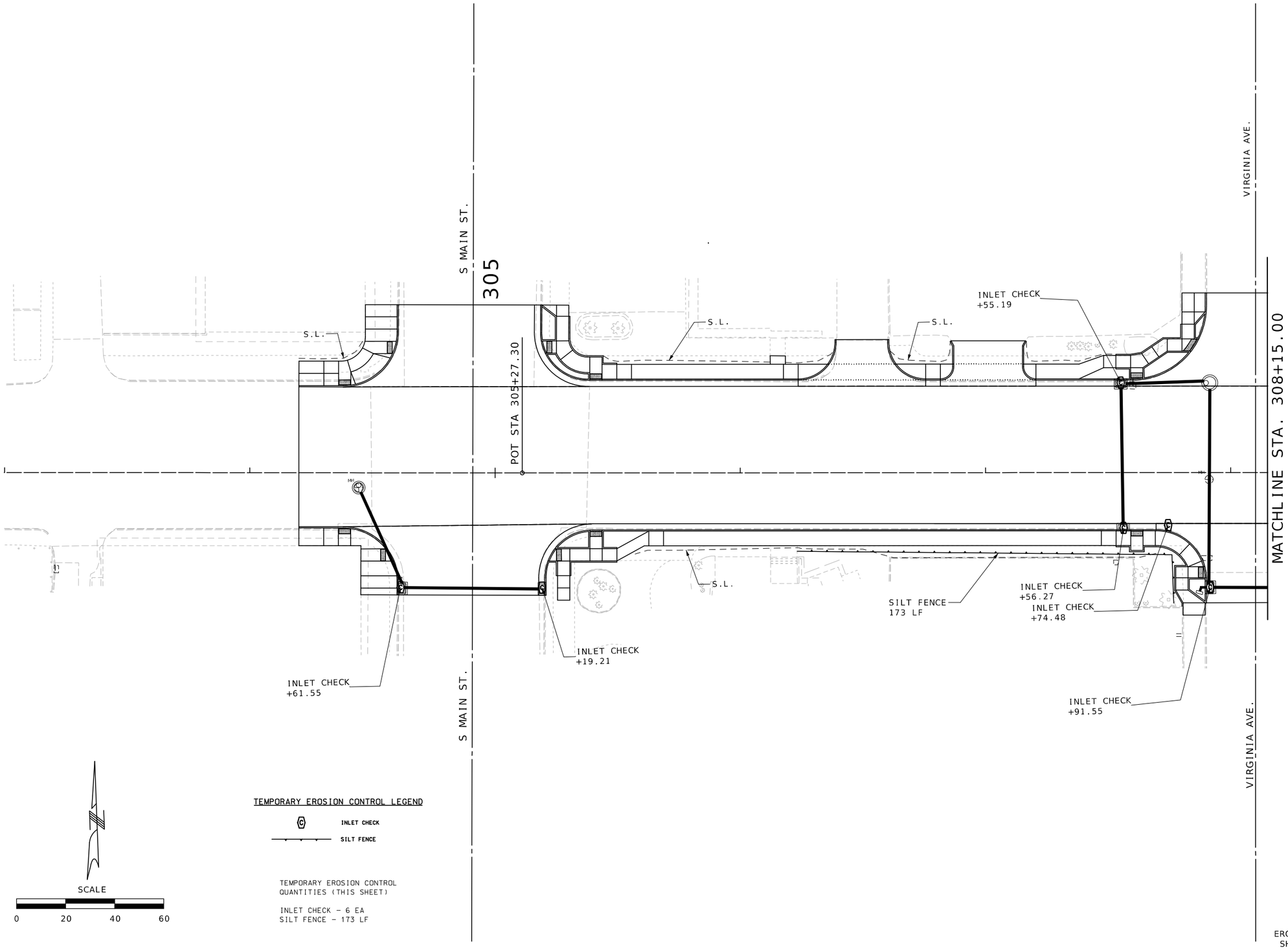
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



EROSION CONTROL
SHEET 1 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	88

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

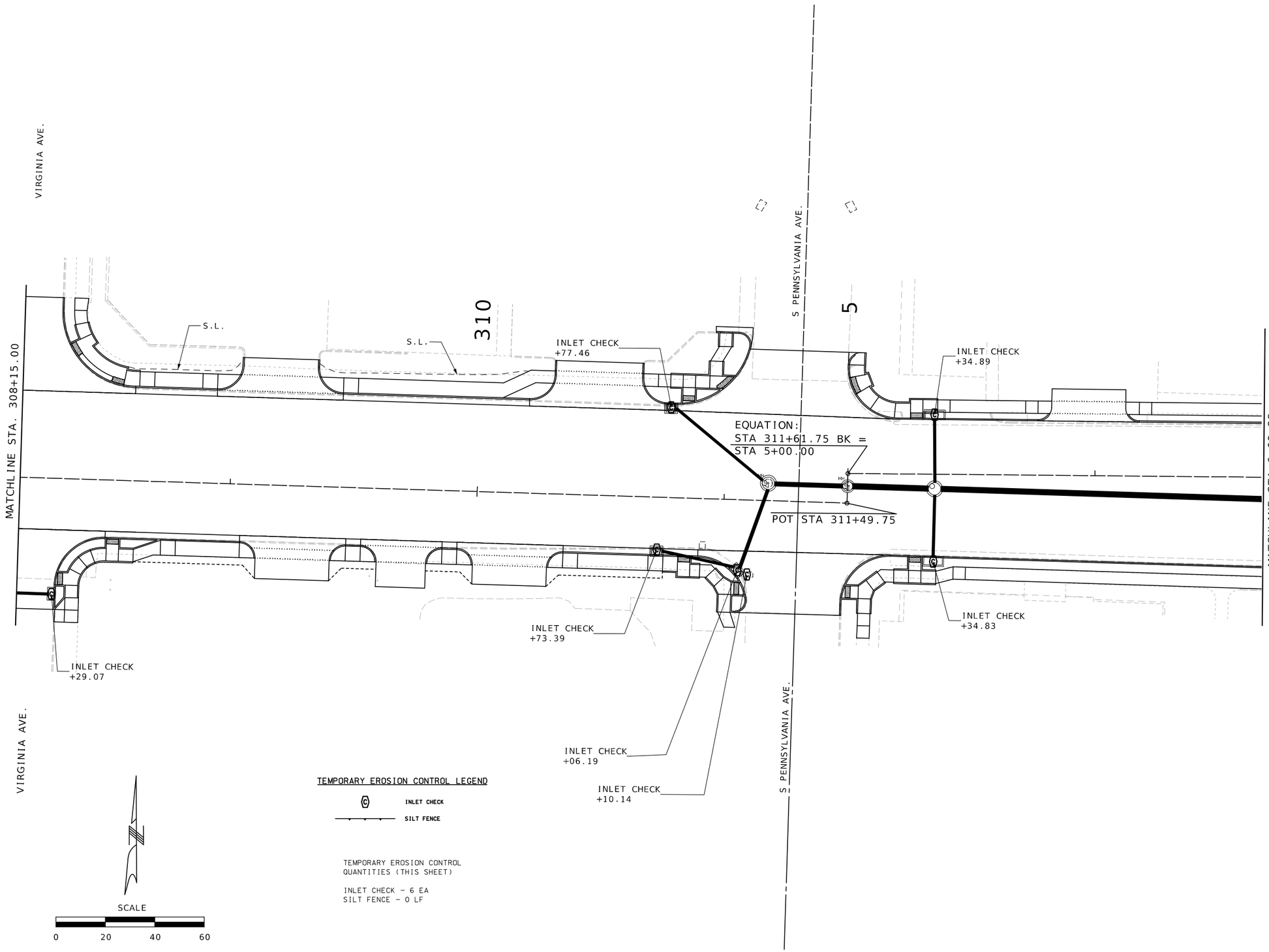
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



EROSION CONTROL
SHEET 2 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	89

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

MATCHLINE STA. 6+68.25

KENTUCKY AVE.

INLET CHECK
+67.46

INLET CHECK
+69.69

INLET CHECK
+70.09

INLET CHECK
+56.10

SILT FENCE
259 LF

INLET CHECK
+56.50

SILT FENCE
32 LF

INLET CHECK
+74.96

INLET CHECK
+74.19

INLET CHECK
+91.54

INLET CHECK
+91.25

GRAND AVE

SEE BRIDGE PLANS
STA. 10+94.02 - STA. 20+48.75

10

SCALE
0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 9 EA
SILT FENCE – 291 LF

EROSION CONTROL
SHEET 3 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	90

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
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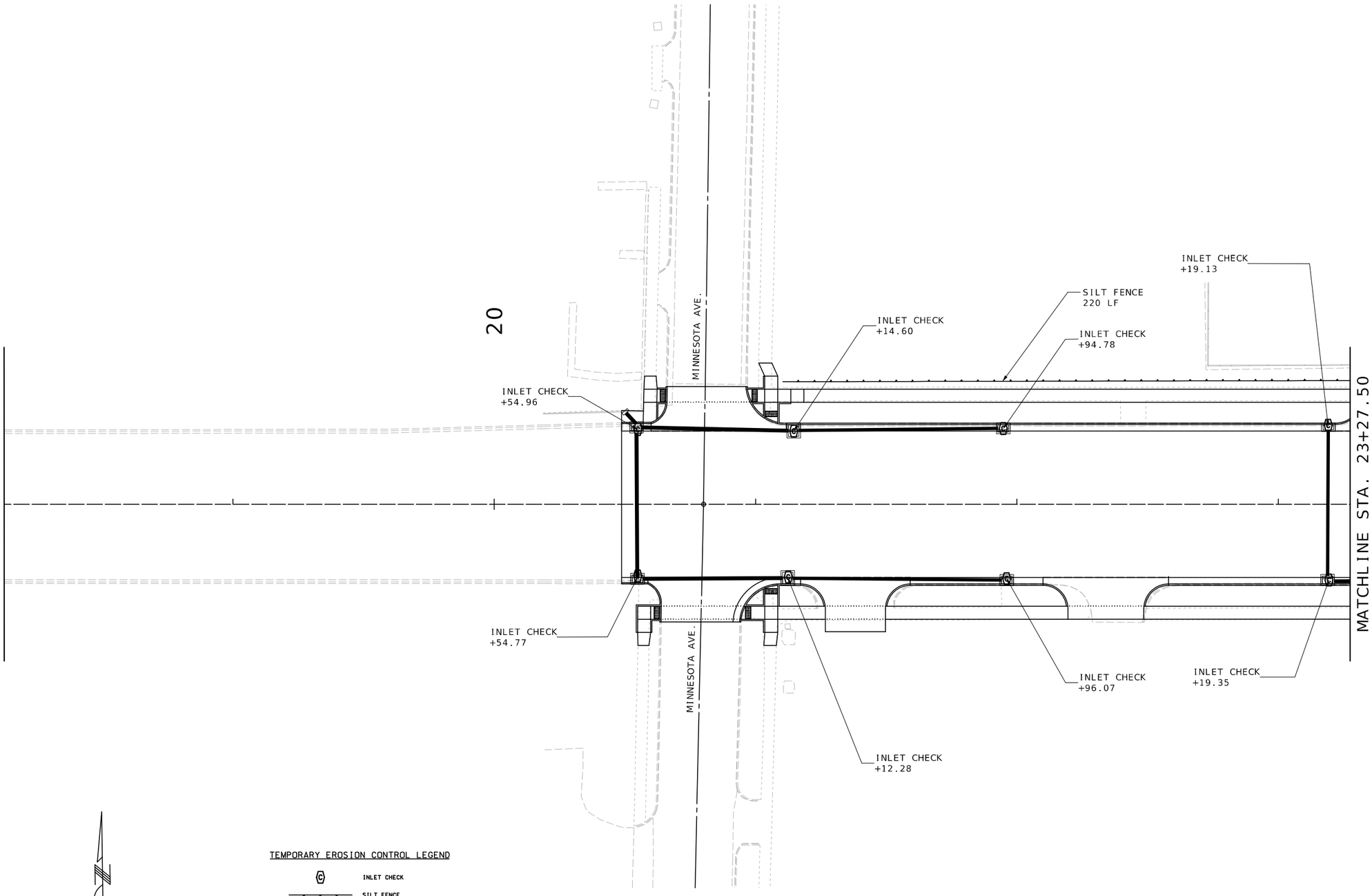

SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 8 EA
SILT FENCE – 220 LF

EROSION CONTROL
SHEET 4 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	91

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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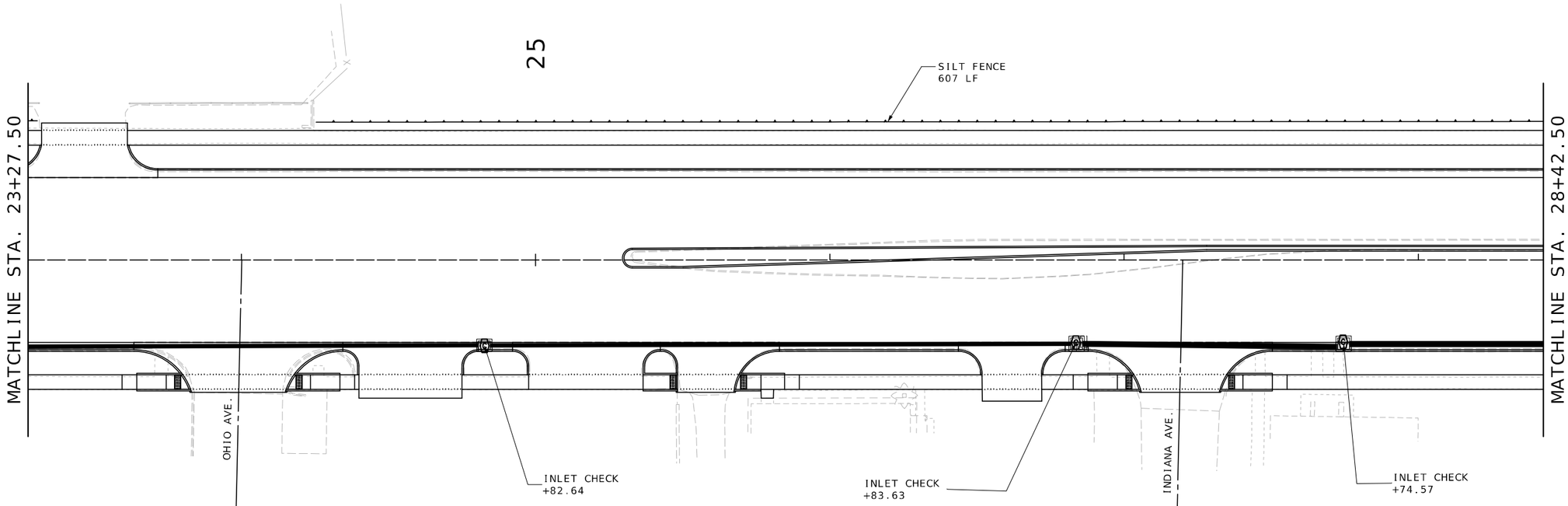
25



SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 3 EA
SILT FENCE – 607 LF

EROSION CONTROL
SHEET 5 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	92

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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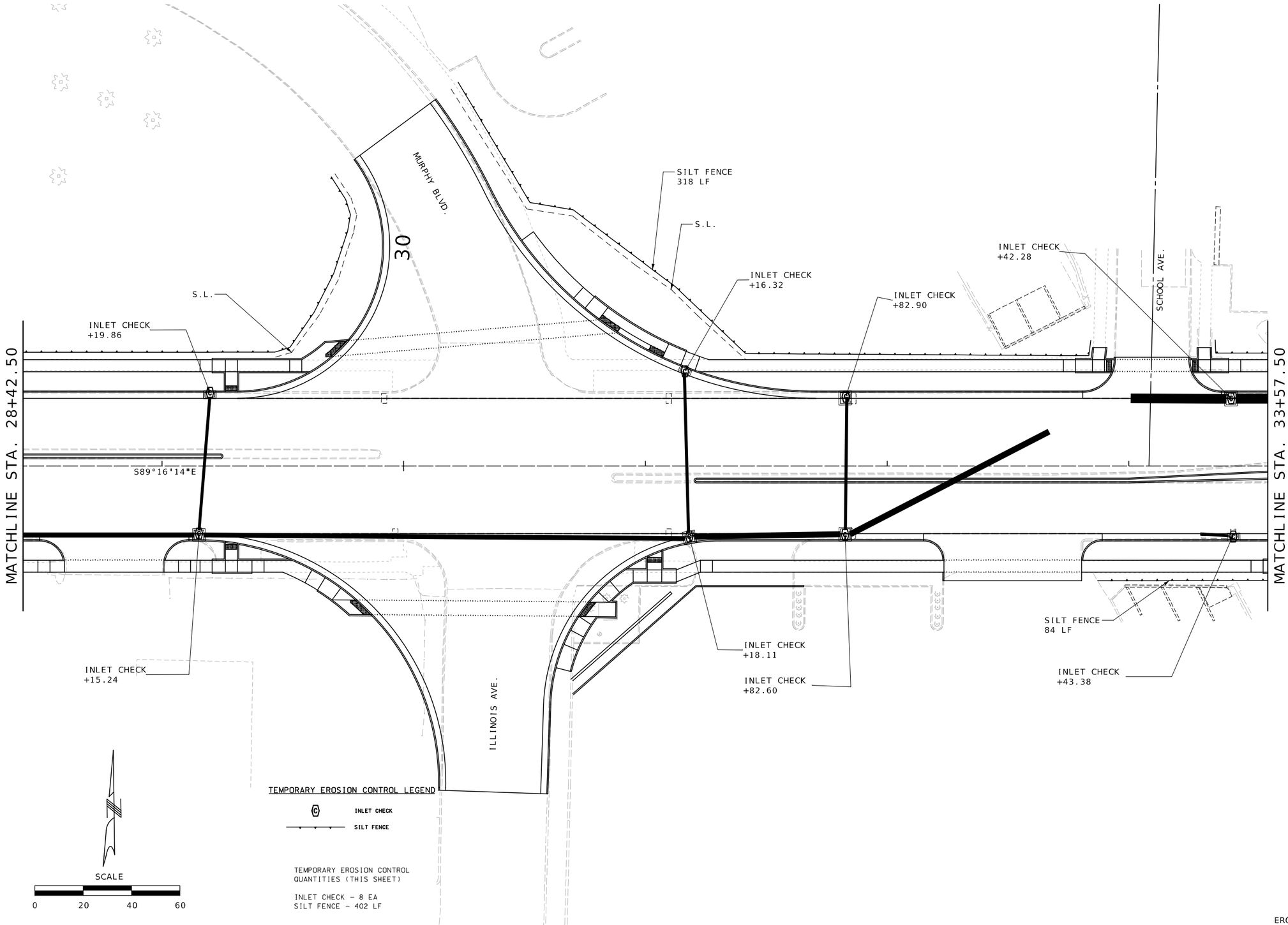
WWW.BARTLETTWEST.COM



EROSION CONTROL
SHEET 6 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	93

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

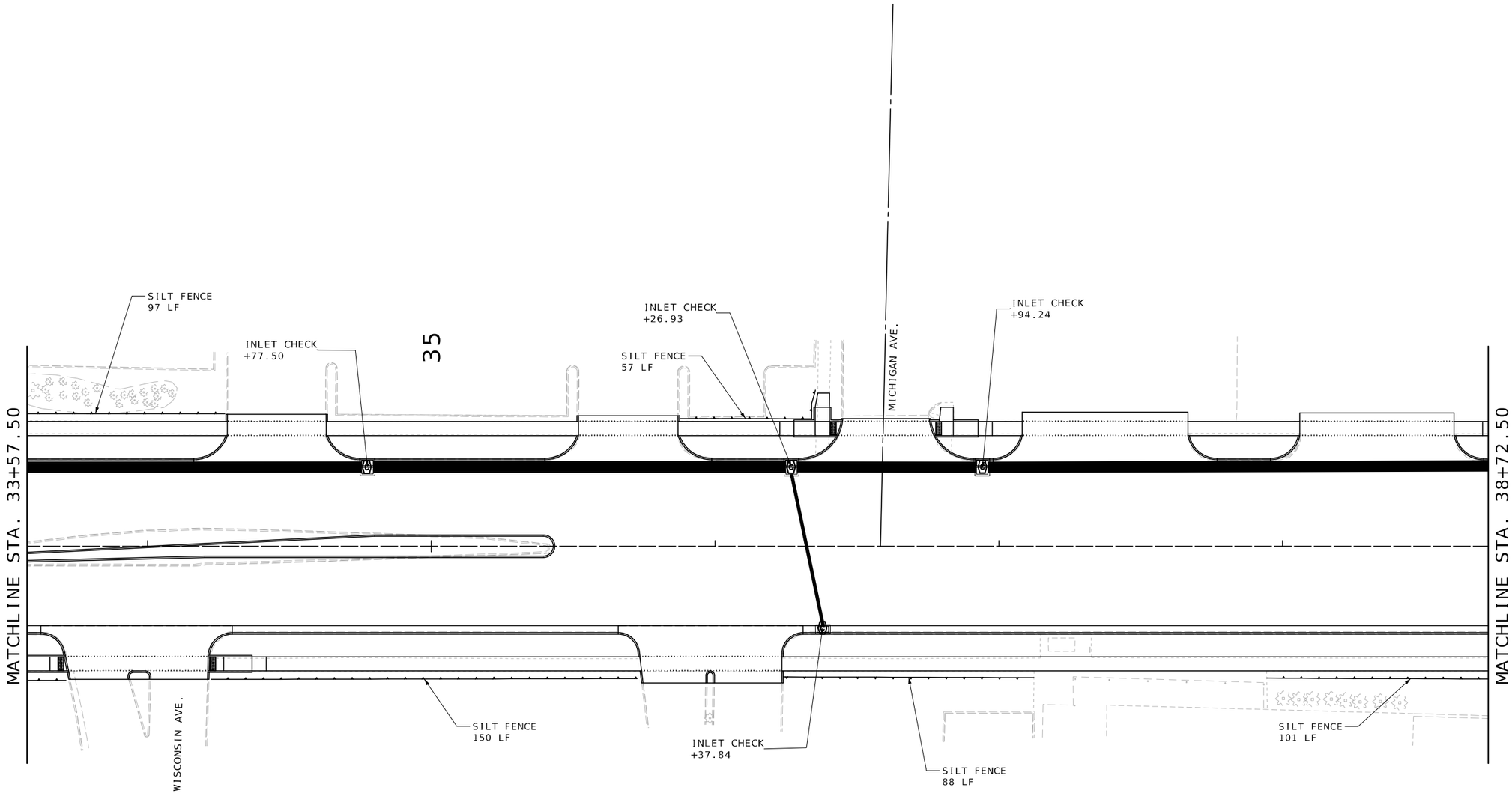
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 4 EA
SILT FENCE – 493 LF

EROSION CONTROL
SHEET 7 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	94

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

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PHONE 573-634-3181
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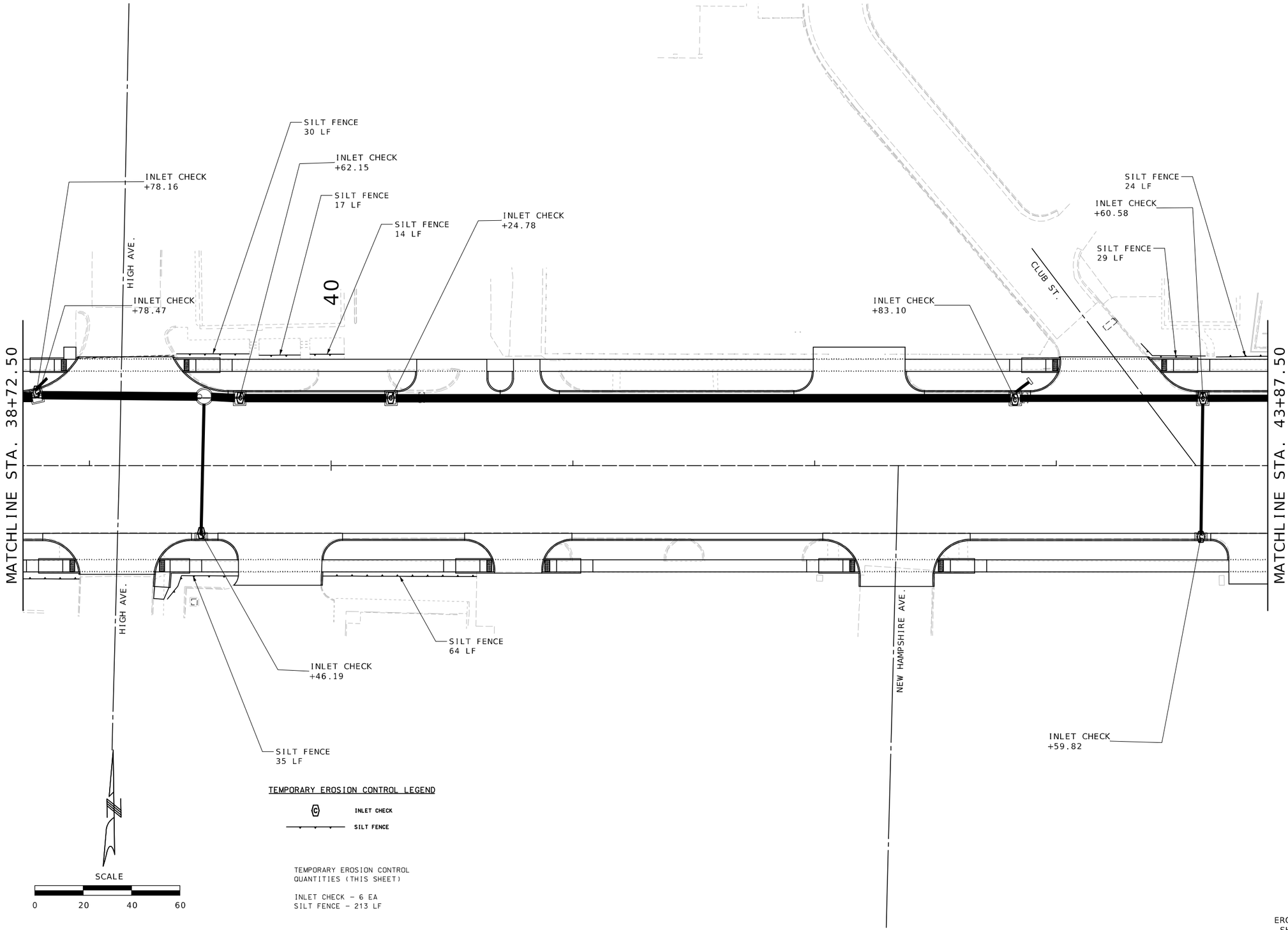
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 6 EA
SILT FENCE – 213 LF

EROSION CONTROL
SHEET 8 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	95

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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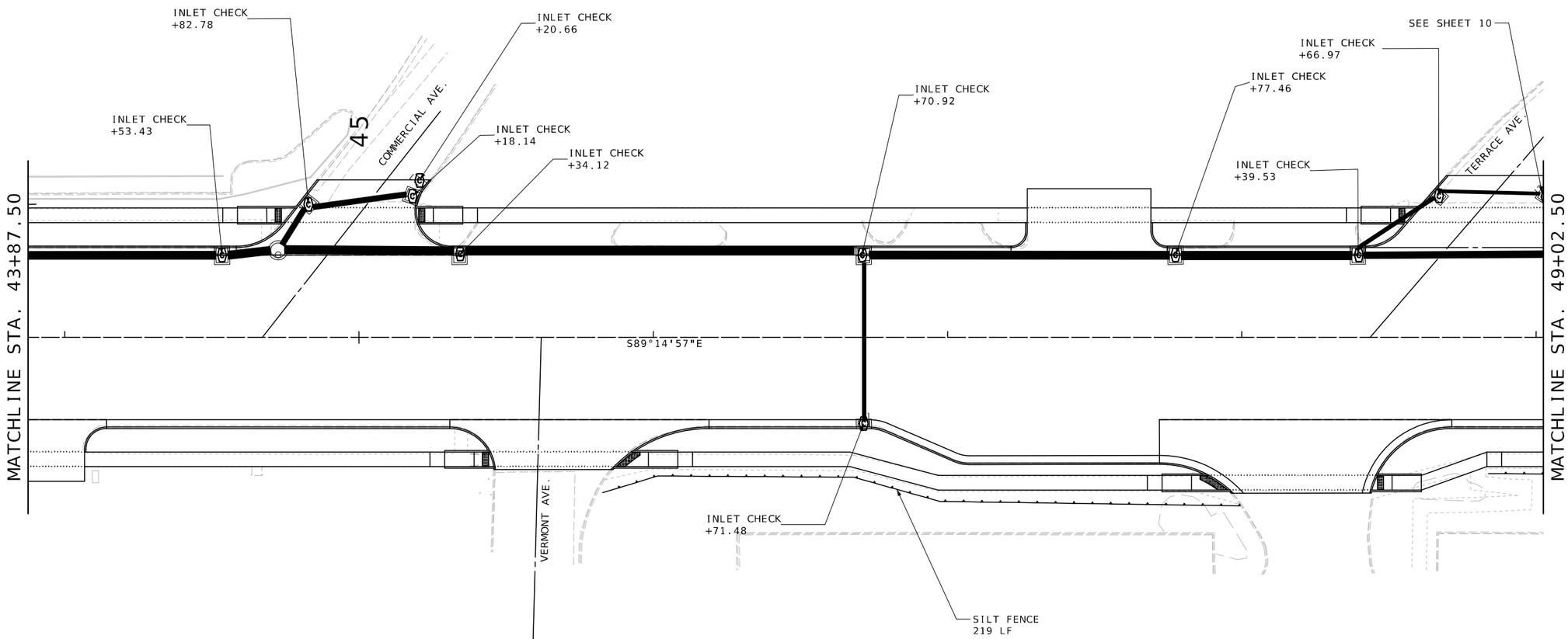


SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 10 EA
SILT FENCE – 219 LF

EROSION CONTROL
SHEET 9 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	96

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

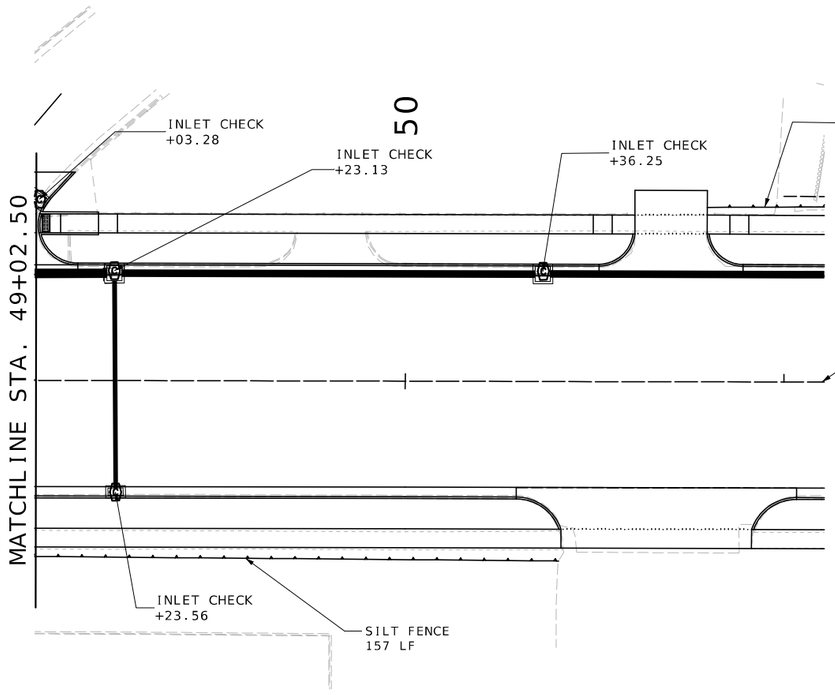
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE J7S2185EG FOR
EROSION CONTROL FROM
STA. 51+10.00 TO STA. 54+17.50



END PROJECT AT STA. 51+10.00 ℄ OF ROUTE 66
FED. IMPROVEMENTS BEGIN AT A POINT LOCATED
1,251.98'N ABD 5,156.40'E OF CORNER DOCUMENT
NO. 600-105633 IN S10&11 T27M R22W

SCALE
0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 4 EA
SILT FENCE – 188 LF

EROSION CONTROL
SHEET 10 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	97

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

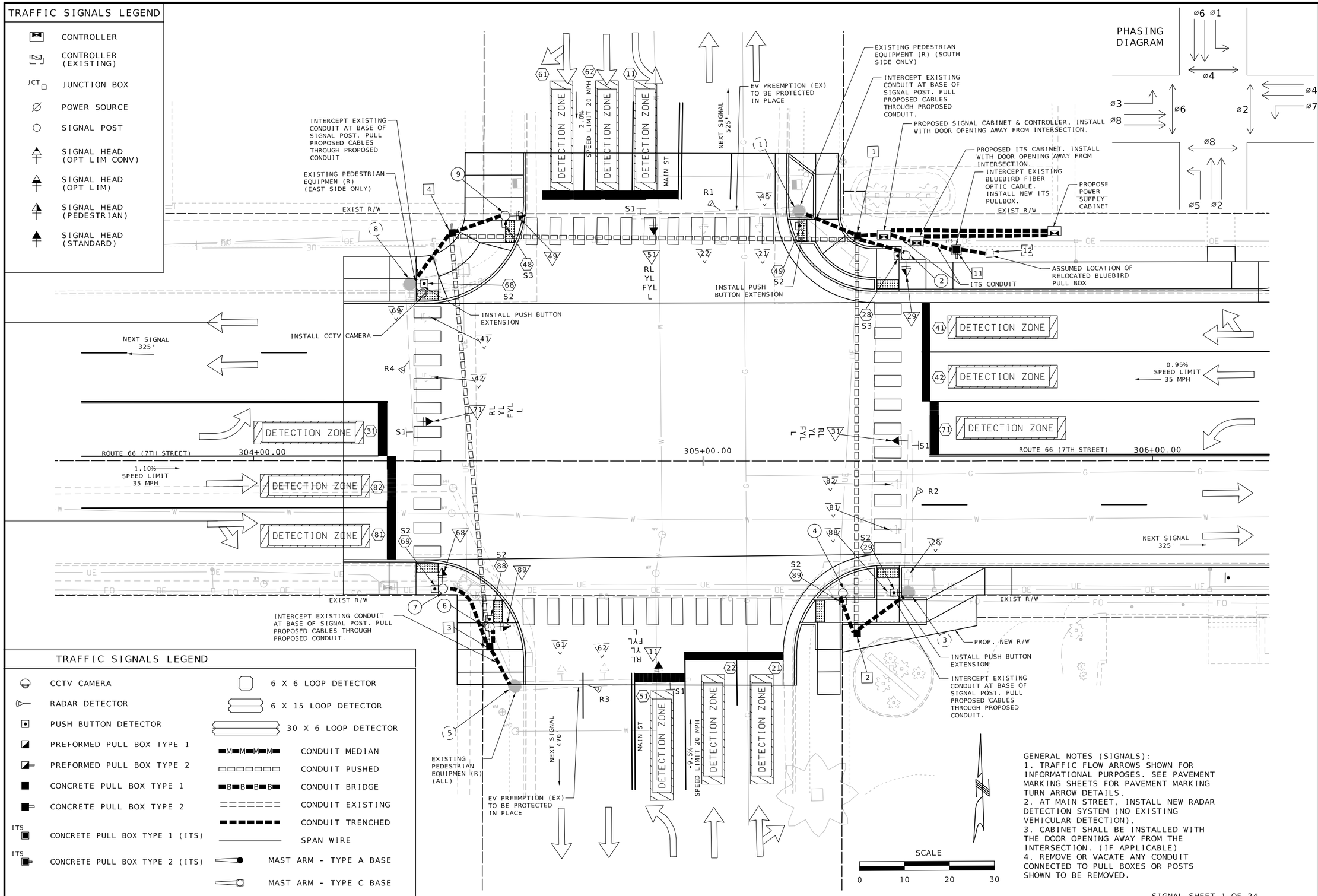
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SOURCE
- SIGNAL POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)



TRAFFIC SIGNALS LEGEND

- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS CONCRETE PULL BOX TYPE 1 (ITS)
- ITS CONCRETE PULL BOX TYPE 2 (ITS)
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

SCALE
0 10 20 30

GENERAL NOTES (SIGNALS):
1. TRAFFIC FLOW ARROWS SHOWN FOR INFORMATIONAL PURPOSES. SEE PAVEMENT MARKING SHEETS FOR PAVEMENT MARKING TURN ARROW DETAILS.
2. AT MAIN STREET, INSTALL NEW RADAR DETECTION SYSTEM (NO EXISTING VEHICULAR DETECTION).
3. CABINET SHALL BE INSTALLED WITH THE DOOR OPENING AWAY FROM THE INTERSECTION. (IF APPLICABLE)
4. REMOVE OR VACATE ANY CONDUIT CONNECTED TO PULL BOXES OR POSTS SHOWN TO BE REMOVED.

SIGNAL SHEET 1 OF 24
ROUTE 66/7TH ST. & MAIN ST (SHEET 1 of 6)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 10/3/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 98
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C | CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CONCRETE CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | STANDARD (ITS) | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | POST TOP MOUNT POST 4 FT. | POST TOP MOUNT POST 8 FT. | POST TOP MOUNT POST 15 FT. | POST TYPE C & CL ARM LENGTH A | POST TYPE C & CL ARM LENGTH A | POST TYPE C & CL ARM LENGTH A | POST TYPE C & CL ARM LENGTH A | POST TYPE C & CL SIGNAL SPACING B | POST TYPE C & CL SIGNAL SPACING C | POST TYPE C & CL SIGNAL SPACING D | POST TYPE C & CL SIGNAL SPACING D' | POST TYPE C & CL SIGN SPACING B | POST TYPE C & CL SIGN SPACING C | POST TYPE C & CL SIGN SPACING D | POST TYPE C & CL SIGN SPACING D' | POST TYPE B & BL ARM LENGTH E | POST TYPE B & BL ARM LENGTH K | POST TYPE B & BL ARM LENGTH E | POST TYPE B & BL ARM LENGTH K | POST TYPE B & BL LEFT ARM E SIGNAL SPACING F | POST TYPE B & BL LEFT ARM E SIGNAL SPACING G | POST TYPE B & BL LEFT ARM E SIGNAL SPACING H | POST TYPE B & BL LEFT ARM E SIGNAL SPACING H' | POST TYPE B & BL LEFT ARM E SIGN SPACING F | POST TYPE B & BL LEFT ARM E SIGN SPACING G | POST TYPE B & BL LEFT ARM E SIGN SPACING H | POST TYPE B & BL LEFT ARM E SIGN SPACING H' | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING L | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING M | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING N | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | POST TYPE B & BL RIGHT ARM K SIGN SPACING L | POST TYPE B & BL RIGHT ARM K SIGN SPACING M | POST TYPE B & BL RIGHT ARM K SIGN SPACING N | POST TYPE B & BL RIGHT ARM K SIGN SPACING N' | POST TYPE B & BL INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | LUMINAIRE BRACKET ARM* 6 FT. | LUMINAIRE BRACKET ARM* 8 FT. | LUMINAIRE BRACKET ARM* 10 FT. | LUMINAIRE BRACKET ARM* 12 FT. | LUMINAIRE BRACKET ARM* 15 FT. |
|---|---|---

PS = POWER SUPPLY

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			ITS TRENCHED			ITS PUSHED			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
PS	HS	38'		46'													
PS	HS	32'		40'													
HS	HS	7'										15'					
HS	1	6'				18'											TWO RUNS OF 9'
HS	11	9'										12'					
1	2	89'								87'							
1	4	91'								89'							
4	3	93'								91'							
11	12	6'										4'					INSTALL TO BLUEBIRD FIBER OPTIC PULLBOX
1	①	14'				15'											
1	②	12'			13'												
2	③	15'				16'											
2	④	10'			11'												
3	⑤	11'				12'											
3	⑥	6'			7'												
3	⑦	18'			19'												
4	⑧	15'				16'											
4	⑨	12'			13'												
SUBTOTALS				86'	63'	77'				267'		31'					
TOTALS				86'	63'	77'				267'		31'					

CABLE

EFFECTIVE: 10-01-2015

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR			ITS FIBER		REMARKS
										CONTROL	POLE & BRACKET						
				1c #6	2c #16	5c #16	7c #16	3c #16	CCTV CABLE	2c #12	1c #10	EV	CAT5 (RADAR)	2c #14 LEAD-IN CABLE	SINGLE-MODE	12 CT SINGLE-MODE	
PS	HS	38'		162'													THREE RUNS OF 54'
PS	HS	32'		144'													THREE RUNS OF 48'
HS	1	6'															
HS	①	20'															
HS	21	20'					90'										
21	22	JUMPER					35'										
HS	48	20'				44'											
HS	EV	20'										90'					
HS	51	20'					90'										
HS	49	20'			43'												
HS	R1	20'											90'				
HS	②	18'															
HS	29	18'				42'											
HS	28	18'			41'												
HS	HS	7'														23'	
HS	11	9'														87'	
11	12	6'														17'	
SOUTHEAST CORNER																	
HS	2	95'															
HS	③	110'															
HS	28	110'				140'											
HS	31	110'					186'										
HS	81	110'					186'										
81	82	JUMPER					35'										
HS	88	110'				140'											
HS	29	110'			139'												
HS	R2	110'											186'				
HS	④	105'															
HS	89	105'			134'												
SOUTHWEST CORNER																	
HS	3	190'															
HS	⑤	201'															
HS	11	201'					288'										
HS	61	201'					288'										
61	62	JUMPER					40'										
HS	R3	201'											288'				
HS	⑥	196'															
HS	89	196'				232'											
HS	88	196'			231'												
HS	⑦	208'															
HS	68	208'				244'											
HS	69	208'			243'												
NORTHWEST CORNER																	
HS	4	97'															
HS	⑧	112'															
HS	⑩	112'							145'								
HS	41	112'					188'										
41	42	JUMPER					35'										
HS	49	112'				142'											
HS	69	112'				142'											
HS	71	112'					188'										
HS	68	112'			141'												
HS	R4	112'											188'				
HS	⑨	109'															
HS	48	109'			138'												
SUBTOTALS				306'	1110'	1126'	1649'		145'			90'	752'			127'	
TOTALS				310'	1110'	1130'	1650'		150'			90'	750'			130'	

INTERSECTION ROUTE 66/7TH ST. & MAIN ST. D-37B

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	100

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
NE CORNER	305+78.24	51.15' LT	Type 11		15 Amps	15 Amps	100 Amps	100 Amps		Amps	CI. Ft.	
			Type		15 Amps	Amps	Amps	Amps		Amps	CI. Ft.	

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** COST OF DETECTOR CARDS, IF REQUIRED, INCLUDED IN COST OF RADAR DETECTION SYSTEM.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.



S2

R10-3eL



S3

R10-3eR

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *						ITS CABINET	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	2070	NEMA	2070	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	OMNIeX	WAPITI
NE CORNER	305+40.30	50.35' LT				1													1		1	
NE CORNER	305+60.46	51.18' LT.													1							



S1

R3-5L

RADAR DETECTION SYSTEM, CONTRACTOR FURNISHED CONTRACTOR INSTALLED
1 EACH

UNINTERRUPTIBLE POWER SUPPLY (UPS)
1 EACH
UPS SHALL BE MOUNTED TO POWER SUPPLY ASSEMBLY

CCTV CAMERA ASSEMBLY, INSTALLED
1 EACH

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		APS PUSH BUTTON	PUSH BUTTON EXTENSION	INDUCTION LOOP (2) STANDARD	INDUCTION LOOP (2) DELAY/ EXTEND *	INDUCTION LOOP (2) CALL UNIT *	RADAR
R1	NORTHBOUND						&&
R2	EASTBOUND						&&
R3	SOUTHBOUND						&&
R4	WESTBOUND						&&
28	N/E CORNER-EAST LEG	1					
29	S/E CORNER-EAST LEG	1	1				
48	N/W CORNER-NORTH LEG	1					
49	N/E CORNER-NORTH LEG	1	1				
68	N/W CORNER-WEST LEG	1	1				
69	S/W CORNER-WEST LEG	1					
88	S/W CORNER-SOUTH LEG	1					
89	S/E CORNER-SOUTH LEG	1					
TOTAL		8	3				

&& NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONES. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES *	EACH	18

SIGNAL SIGNS

	QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
			INCHES	SQ.FT.	SQ.FT.	EA.
		R10-10L	24 X 30	5.0		
		R10-10R	24 X 30	5.0		
S1	4	R3-5L	30 X 36	7.5	30.0	2
		R3-5R	30 X 36	7.5		
		R3-5A	30 X 36	7.5		
		R3-6L	30 X 36	7.5		
		R3-6R	30 X 36	7.5		
		R3-2	24 X 24	4.0		
		R3-1	24 X 24	4.0		
		R3-3	24 X 24	4.0		
		D3-1 ***	VAR. X 18			
		D3-1B ***	VAR. X 18			
S2	6	R10-3eL	9 X 15	0.9	&	&
S3	2	R10-3eR	9 X 15	0.9	&	&
		R10-11A	24 X 30	5.0		
		R10-13	36 X 24	6.0		
		R10-27A	30 X 36	7.5		
				SUBTOTAL	30.0	2
				TOTAL	30.0	2

&: COST OF PEDESTRIAN SIGNS AND MOUNTING HARDWARE INDLUDED IN BID ITEM FOR APS.

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U	11	21			31	41					UPS	P2	P6	FLASH SENSE
	L		22				42					UPS	P4	P8	STOP TIME
"J"	U	51	61			71	81							EV1*	
	L		62				82							EV2*	

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = N/A (2)
N/A = NO DETECTOR CARDS WITH RADAR EQUIPMENT

EV: 242 DC ISOLATOR CARDS FOR EV PREEMPTION - NO DIRECT PAY

2070 OUTPUT FILE ASSIGNMENTS

FR1	11 RL YL FYL	21,22 R Y G	28,29 DW L 28,29 W	31 RL YL FYL	41,42 R Y G	48,49 DW L 48,49 W	MONITOR
FR2							
FR3	51 RL YL FYL	61,62 R Y G	68,69 DW L 68,69 W	71 RL YL FYL	81,82 R Y G	88,89 DW L 88,89 W	
FR4							

ROUTE 66/7TH ST. & MAIN ST.
INTERSECTION

SIGNAL SHEET 4 OF 24
ROUTE 66/7TH ST. & MAIN ST (SHEET 4 of 6)

D-37C

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	101

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

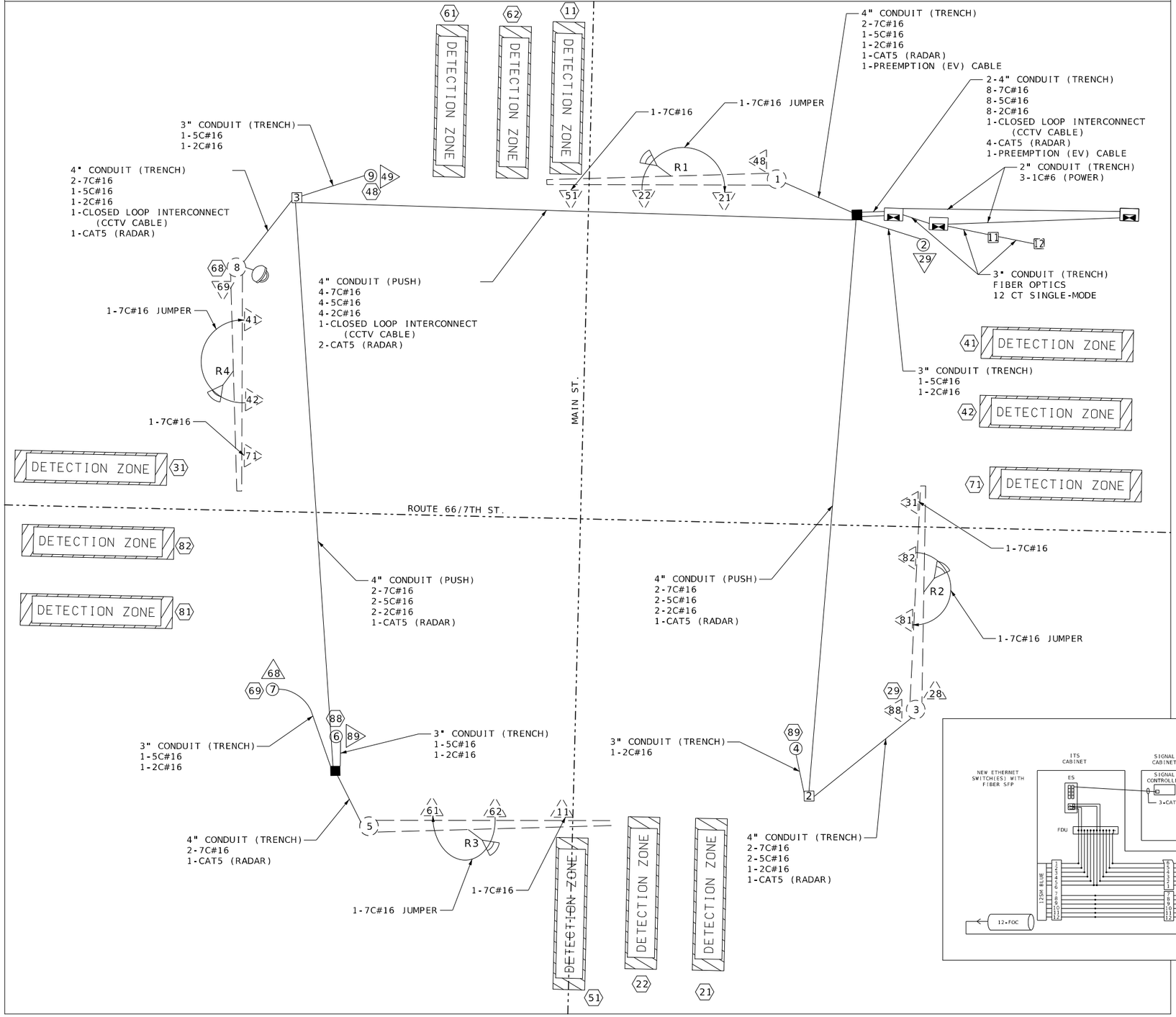
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 12-01-17

WIRING DIAGRAM



ROUTE 66/7TH ST. & MAIN ST.

INTERSECTION

LEGEND

- —3"— CONDUIT CONTAINING CABLE WITH SIZE
- —— CONDUIT EXISTING
- —— CABLE
- X-XC MULTI-CONDUCTOR CABLE #12 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- [X] PULL BOX WITH NUMBER
- (X) POST WITH NUMBER
- (X) DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- POST WITH NUMBER AND MAST ARM
- ∅ POWER SUPPLY
- SIGNAL CABINET
- (X) POST WITH NUMBER (EXISTING)
- (X) DETECTOR WITH NUMBER (EXISTING)
- X SIGNAL HEAD WITH NUMBER (EXISTING)
- POST WITH NUMBER AND MAST ARM (EXISTING)
- RADAR DETECTION

SIGNAL SHEET 5 OF 24
ROUTE 66/7TH ST. & MAIN ST (SHEET 5 of 6)

D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	102

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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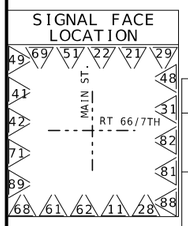
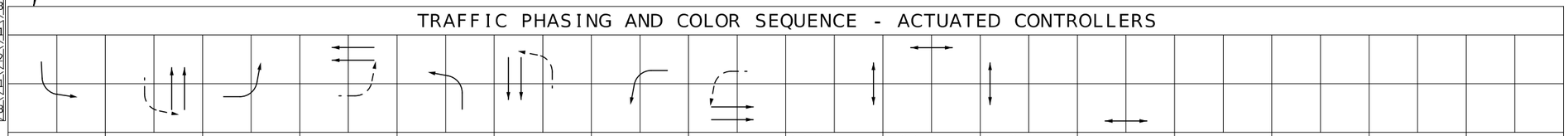
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION

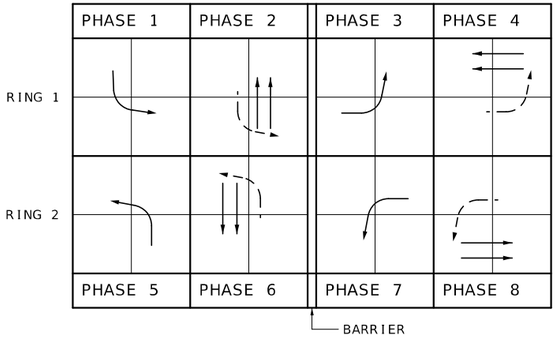


TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP
FACE NUMBERS	11	21 22 11	31	41 42 31	51	61 62 51	71	81 82 71	28 29	48 49	68 69	88 89
SIGNAL INDICATIONS R	RL		RL		RL		RL		DW DW	DW DW	DW DW	DW DW
SIGNAL INDICATIONS Y	YL		YL		YL		YL					
SIGNAL INDICATIONS FYA		FYL		FYL		FYL		FYL	FDW FDW	FDW FDW	FDW FDW	FDW FDW
SIGNAL INDICATIONS G	L		L		L		L		W W	W W	W W	W W
DETECTOR ASSIGNMENTS	11	21 22	31	41 42	51	61 62	71	81 82				
DETECTOR ASSIGNMENTS (PEDS. ONLY)									2 2	4 4	6 6	8 8
OVERLAP PARENT PHASES												

FACE NUMBERS / SIGNAL INDICATIONS / DETECTOR ASSIGNMENTS (duplicated)



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL APPROACHES	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF
ROUTE 66/7TH ST.
WITH MAIN ST.

SIGNAL SHEET 6 OF 24
ROUTE 66/7TH ST. & MAIN ST (SHEET 6 of 6)

D-38A

JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/6/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	103

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION / DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

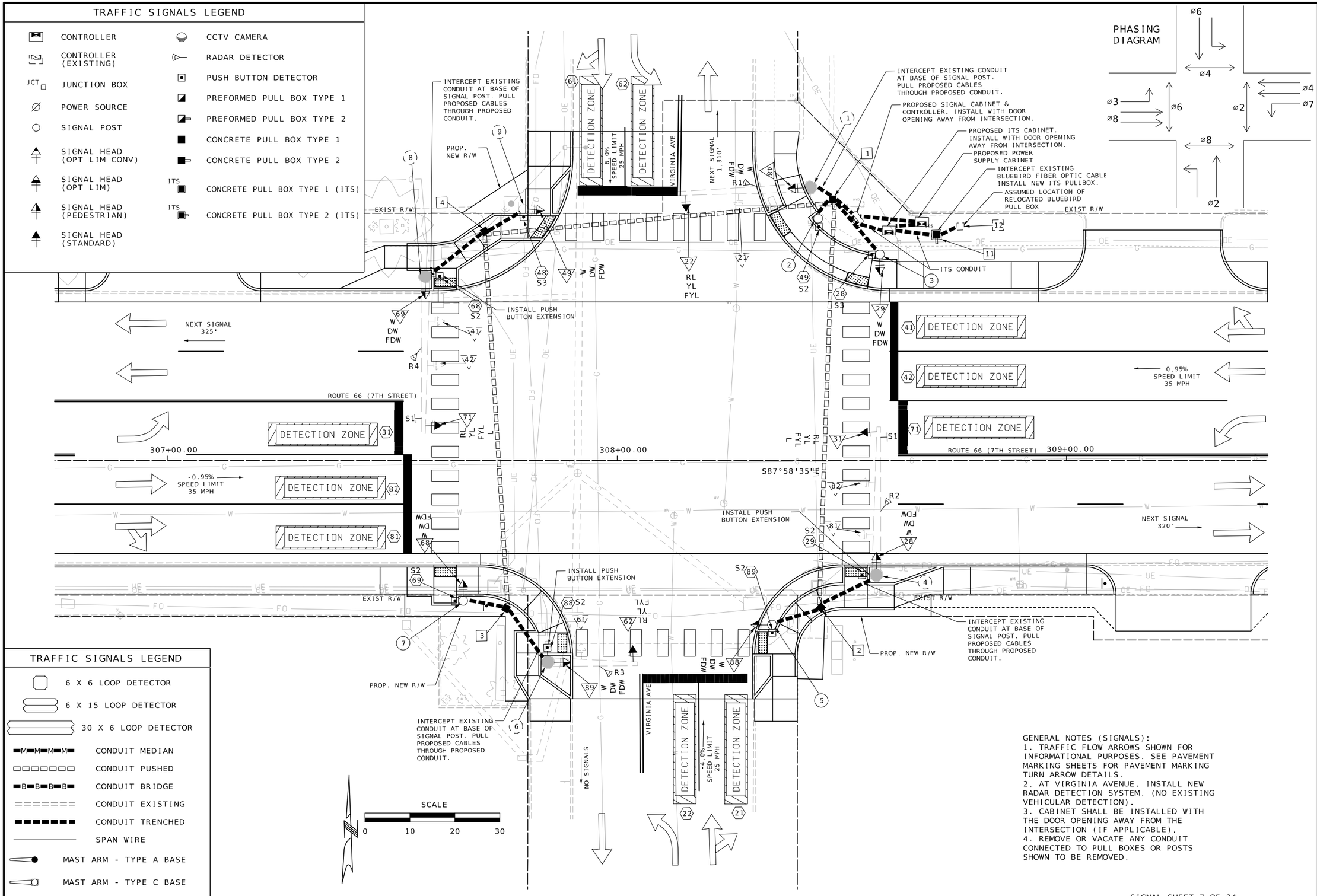
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SOURCE
- SIGNAL POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1 (ITS)
- CONCRETE PULL BOX TYPE 2 (ITS)

TRAFFIC SIGNALS LEGEND

- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE



GENERAL NOTES (SIGNALS):
1. TRAFFIC FLOW ARROWS SHOWN FOR INFORMATIONAL PURPOSES. SEE PAVEMENT MARKING SHEETS FOR PAVEMENT MARKING TURN ARROW DETAILS.
2. AT VIRGINIA AVENUE, INSTALL NEW RADAR DETECTION SYSTEM. (NO EXISTING VEHICULAR DETECTION).
3. CABINET SHALL BE INSTALLED WITH THE DOOR OPENING AWAY FROM THE INTERSECTION (IF APPLICABLE).
4. REMOVE OR VACATE ANY CONDUIT CONNECTED TO PULL BOXES OR POSTS SHOWN TO BE REMOVED.

SIGNAL SHEET 7 OF 24
ROUTE 66/7TH ST. & VIRGINIA AVE. (SHEET 1 of 6)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2009002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 104
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION APPROACH	LOCATION STATION	LOCATION OFFSET	BASE A 9	BASE A 9.5	BASE A 10	BASE A 10.5	BASE A 11	BASE A 12	BASE F 9	BASE F 9.5	BASE F 10	BASE F 10.5	BASE F 11	BASE F 12	BASE C	CONCRETE** (CU. YDS.)	PULL BOX PREFORMED CONCRETE CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	STANDARD (ITS)	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C	TOP MOUNT POST 4 FT.	TOP MOUNT POST 8 FT.	TOP MOUNT POST 15 FT.
CONT.			308+53.21	53.76' LT														1.31															
ITS			308+60.46	51.18' LT														1.31															
	1	NE CORNER	308+47.96	58.12' LT																				1			1						
	2	SE CORNER	308+45.35	32.79' RT																			1				1						
	3	SW CORNER	307+75.23	32.93' RT																			1				1						
	4	NW CORNER	307+70.49	50.99' LT																			1				1						
	11	NE CORNER	308+71.02	50.23' LT																						1		1					
P.S.			308+67.78	53.13' LT														0.92															
1		NE CORNER	USE EXISTING SIGNAL POST																														
2		NE CORNER	308+44.68	53.84' LT													1	0.44													1		
3		NE CORNER	308+57.19	45.93' LT													1	0.44														1	
4		SE CORNER	USE EXISTING SIGNAL POST																														
5		SE CORNER	308+34.44	36.58' RT													1	0.44														1	
6		SW CORNER	USE EXISTING SIGNAL POST																														
7		SW CORNER	307+65.70	31.25' RT													1	0.44														1	
8		NW CORNER	USE EXISTING SIGNAL POST																														
9		NW CORNER	USE EXISTING SIGNAL POST																														
				SUBTOTAL														5.30					3	1		1					1	3		
				TOTAL														5.3					3	1		1					1	3		

POST NUMBER	TYPE C & CL ARM LENGTH A	A	A	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'	TYPE B & BL ARM LENGTH E	K	E	K	E	K	LEFT ARM E SIGNAL SPACING F	G	H	H'	SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
4									30.0																															
7																																								
8									30.5																															

SIGNAL HEADS

| SPAN NUMBER | POST NUMBER | FACE NUMBER | LUMINAIRE 150W SODIUM | INDICATIONS * 12" LENS CONVENTIONAL R | Y | YL | YRt | FYL | FYR | G | S | L | Rt | ped | 12" LENS OPTICAL LIMITING R | Y | YL | YRt | YL | YRt | G | S | L | Rt | VISORS * 12" LENS | PED. | LOUVERS * A | B | C | D | E | F | BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | RETROREFLECTIVE BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | BRACKET* TYPE I | II | III | ONE-FACE SECTION 1- T | S | C | B | 3- T | S | C | B | 4- T | S | C | B | 5- T | S | C | B | TWO-FACE SECTIONS 11- T | S | B | 33- T | S | C | B | 34- S | B | 35- S | B | 44- S | B | 45- S | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

PS = POWER SUPPLY

CONDUIT (WITH #14 TRACER WIRE)

CABLE

EFFECTIVE: 10-01-2015

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			ITS TRENCH			ITS PUSHED			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
PS	[]	15'		23'													
PS	[] ITS	8'		16'													
[]	[] ITS	8'										16'					
[] ITS	11	11'										14'					
[]	1	7'				20'											TWO RUNS OF 10'
1	2	91'								89'							
1	4	88'								86'							
4	3	84'								82'							
11	12	6'										4'					INSTALL TO BLUEBIRD FIBER OPTIC PULLBOX
1	(1)	7'				8'											
1	(2)	6'			7'												
1	(3)	16'			17'												
2	(4)	15'				16'											
2	(5)	13'			14'												
3	(6)	16'				17'											
3	(7)	11'			12'												
4	(8)	17'				18'											
4	(9)	10'			11'												
SUBTOTALS				39'	61'	79'				257'		34'					
TOTALS				39'	61'	79'				257'		34'					

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
				1c #6	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	CAT5 (RADAR)	2c #14 LEAD-IN CABLE	SINGLE-MODE	12 CT SINGLE-MODE	
PS	[]	15'		93'												THREE RUNS OF 31'
PS	[] ITS	8'		72'												THREE RUNS OF 24'
[]	[] ITS	8'														
[]	[] ITS	11'														
[]	[]	7'														
[]	(1)	14'														
[]	"21"	14'					79'									
"21"	"22"	JUMPER					30'									
[]	"48"	14'				38'										
[]	R1	14'										79'				
[]	(2)	13'														
[]	(49)	13'			36'											
[]	(3)	23'														
[]	"29"	23'				47'										
[]	(28)	23'			46'											
[]	[] ITS	8'													24'	
[] ITS	11	11'													89'	
11	12	6'													16'	
SOUTHEAST CORNER																
[]	(2)	98'														
[]	(4)	113'														
[]	"28"	113'				143'										
[]	"31"	113'					189'									
[]	"81"	113'					189'									
"81"	"82"	JUMPER					35'									
[]	(29)	113'			142'											
[]	R2	113'										189'				
[]	(5)	111'														
[]	"88"	111'				141'										
[]	(89)	111'			140'											
SOUTHWEST CORNER																
[]	3	179'														
[]	(6)	195'														
[]	"61"	195'					272'									
"61"	"62"	JUMPER					30'									
[]	"89"	195'				231'										
[]	R3	195'										272'				
[]	(88)	195'			230'											
[]	(7)	190'														
[]	"68"	190'				226'										
[]	(69)	190'			225'											
NORTHWEST CORNER																
[]	4	95'														
[]	(8)	112'														
[]	"41"	112'					188'									
"41"	"42"	35'					35'									
[]	"69"	112'				142'										
[]	"71"	112'					188'									
[]	(68)	112'			141'											
[]	R4	112'										188'				
[]	(9)	105'														
[]	"49"	105'				135'										
[]	(48)	105'			134'											
SUBTOTALS				165'	1094'	1103'	1235'					728'			129'	
TOTALS				170'	1090'	1100'	1240'					730'			130'	

INTERSECTION ROUTE 66/7TH ST. & VIRGINIA AVE.

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025

ROUTE 66 | STATE MO

DISTRICT SW | SHEET NO. 106

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
NE CORNER	308+67.63	51.27' LT	Type 11		15 Amps	15 Amps	100 Amps	100 Amps		Amps	CI. Ft.	
			Type		15 Amps	Amps	Amps	Amps		Amps	CI. Ft.	

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** COST OF DETECTOR CARDS, IF REQUIRED, INCLUDED IN COST OF RADAR DETECTION SYSTEM.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.



S2

R10-3eL



S3

R10-3eR

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *						ITS CABINET	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	2070	NEMA	2070	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	OMNIeX	WAPITI
NE CORNER	308+53.21	53.76' LT				1													1		1	
NE CORNER	308+60.46	51.18' LT													1							



S1

R3-5L

RADAR DETECTION SYSTEM, CONTRACTOR FURNISHED
CONTRACTOR INSTALLED
1 EACH

UNINTERRUPTIBLE POWER SUPPLY (UPS)
1 EACH

UPS SHALL BE MOUNTED TO POWER SUPPLY ASSEMBLY

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		APS PUSH BUTTON	PUSH BUTTON EXTENSION	INDUCTION LOOP (2) STANDARD	INDUCTION LOOP (2) DELAY/ EXTEND *	INDUCTION LOOP (2) CALL UNIT *	RADAR
R1	NORTHBOUND						&&
R2	EASTBOUND						&&
R3	SOUTHBOUND						&&
R4	WESTBOUND						&&
28	N/E CORNER-EAST LEG	1					
29	S/E CORNER-EAST LEG	1	1				
48	N/W CORNER-NORTH LEG	1					
49	N/E CORNER-NORTH LEG	1					
68	N/W CORNER-WEST LEG	1	1				
69	S/W CORNER-WEST LEG	1					
88	S/W CORNER-SOUTH LEG	1	1				
89	S/E CORNER-SOUTH LEG	1					
TOTAL		8	3				

&& NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONES. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES *	EACH	18

SIGNAL SIGNS

	QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
			INCHES	SQ.FT.	SQ.FT.	EA.
		R10-10L	24 X 30	5.0		
		R10-10R	24 X 30	5.0		
S1	2	R3-5L	30 X 36	7.5	15.0	2
		R3-5R	30 X 36	7.5		
		R3-5A	30 X 36	7.5		
		R3-6L	30 X 36	7.5		
		R3-6R	30 X 36	7.5		
		R3-2	24 X 24	4.0		
		R3-1	24 X 24	4.0		
		R3-3	24 X 24	4.0		
		D3-1 ***	VAR. X 18			
		D3-1B ***	VAR. X 18			
S2	6	R10-3eL	9 X 15	0.9	&	&
S3	2	R10-3eR	9 X 15	0.9	&	&
		R10-11A	24 X 30	5.0		
		R10-13	36 X 24	6.0		
		R10-27A	30 X 36	7.5		
				SUBTOTAL	15.0	2
				TOTAL	15.0	2

&: COST OF PEDESTRIAN SIGNS AND MOUNTING HARDWARE INCLUDED IN BID ITEM FOR APS.

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U		21			31	41					UPS	P2	P6	FLASH SENSE
	L		22				42					UPS	P4	P8	STOP TIME
"J"	U		61			71	81								
	L		62				82								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

2070 OUTPUT FILE ASSIGNMENTS

FR1		21,22 R Y G	28,29 DW 28,29 W	31 RL YL FYL	41,42 R Y G	48,49 DW L 48,49 W
FR2						
FR3		61,62 R Y G	68,69 DW 68,69 W	71 RL YL FYL	81,82 R Y G	88,89 DW L 88,89 W
FR4						

MONITOR

ROUTE 66/7TH ST. & VIRGINIA AVE.

INTERSECTION

SIGNAL SHEET 10 OF 24
ROUTE 66/7TH ST. & VIRGINIA AVE. (SHEET 4 OF 6)

D-37C

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	107

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

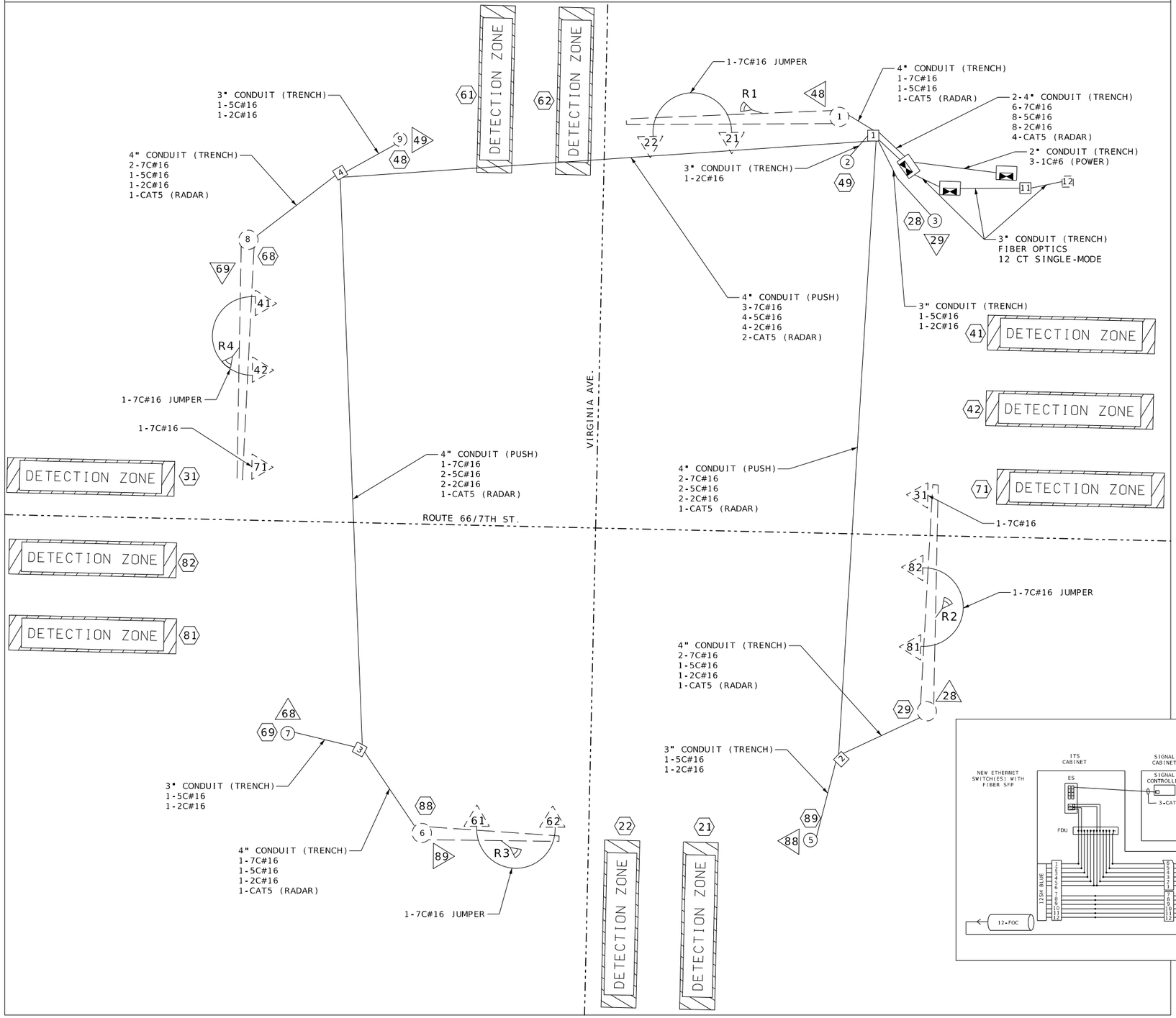
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

- —3"— CONDUIT CONTAINING CABLE WITH SIZE
- —— CONDUIT EXISTING
- —— CABLE
- X-Xc MULTI-CONDUCTOR CABLE #12 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- X PULL BOX WITH NUMBER
- X POST WITH NUMBER
- X DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- POST WITH NUMBER AND MAST ARM
- POWER SUPPLY
- SIGNAL CABINET
- X POST WITH NUMBER (EXISTING)
- X DETECTOR WITH NUMBER (EXISTING)
- X SIGNAL HEAD WITH NUMBER (EXISTING)
- POST WITH NUMBER AND MAST ARM (EXISTING)
- RADAR DETECTION

ROUTE 66/7TH ST. & VIRGINIA AVE.

INTERSECTION

SIGNAL SHEET 11 OF 24

ROUTE 66/7TH ST. & VIRGINIA AVE. (SHEET 5 OF 6)

D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	108

COUNTY: JASPER

JOB NO.: J7S2185D

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

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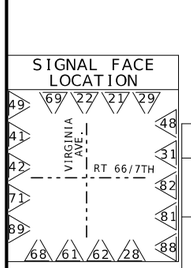
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS		21 22	31	41 42		61 62	71	81 82	28 29	48 49	68 69	88 89	FACE NUMBERS
SIGNAL INDICATIONS R									DW DW	DW DW	DW DW	DW DW	R
SIGNAL INDICATIONS Y													Y
SIGNAL INDICATIONS FYA									FDW FDW	FDW FDW	FDW FDW	FDW FDW	FYA
SIGNAL INDICATIONS G									W W	W W	W W	W W	G
DETECTOR ASSIGNMENTS		⟨21⟩ ⟨22⟩	⟨31⟩	⟨41⟩ ⟨42⟩		⟨61⟩ ⟨62⟩	⟨71⟩	⟨81⟩ ⟨82⟩					DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)									⟨28⟩ ⟨29⟩	⟨48⟩ ⟨49⟩	⟨68⟩ ⟨69⟩	⟨88⟩ ⟨89⟩	
OVERLAP PARENT PHASES													

PHASE 1	PHASE 2	PHASE 3	PHASE 4
PHASE 5	PHASE 6	PHASE 7	PHASE 8

RING 1

RING 2

BARRIER

RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW — FLASHING DON'T WALK
W — WALK
DW — DON'T WALK
R/W — RIGHT OF WAY INTERVAL
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
LY -YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
RL — RED LEFT ARROW
Ø — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING CIRCULAR YELLOW
FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL APPROACHES	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE 66/7TH ST.

WITH VIRGINIA AVE.

SIGNAL SHEET 12 OF 24
ROUTE 66/7TH ST. & VIRGINIA AVE. (SHEET 6 OF 6)

D-38A

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	109

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

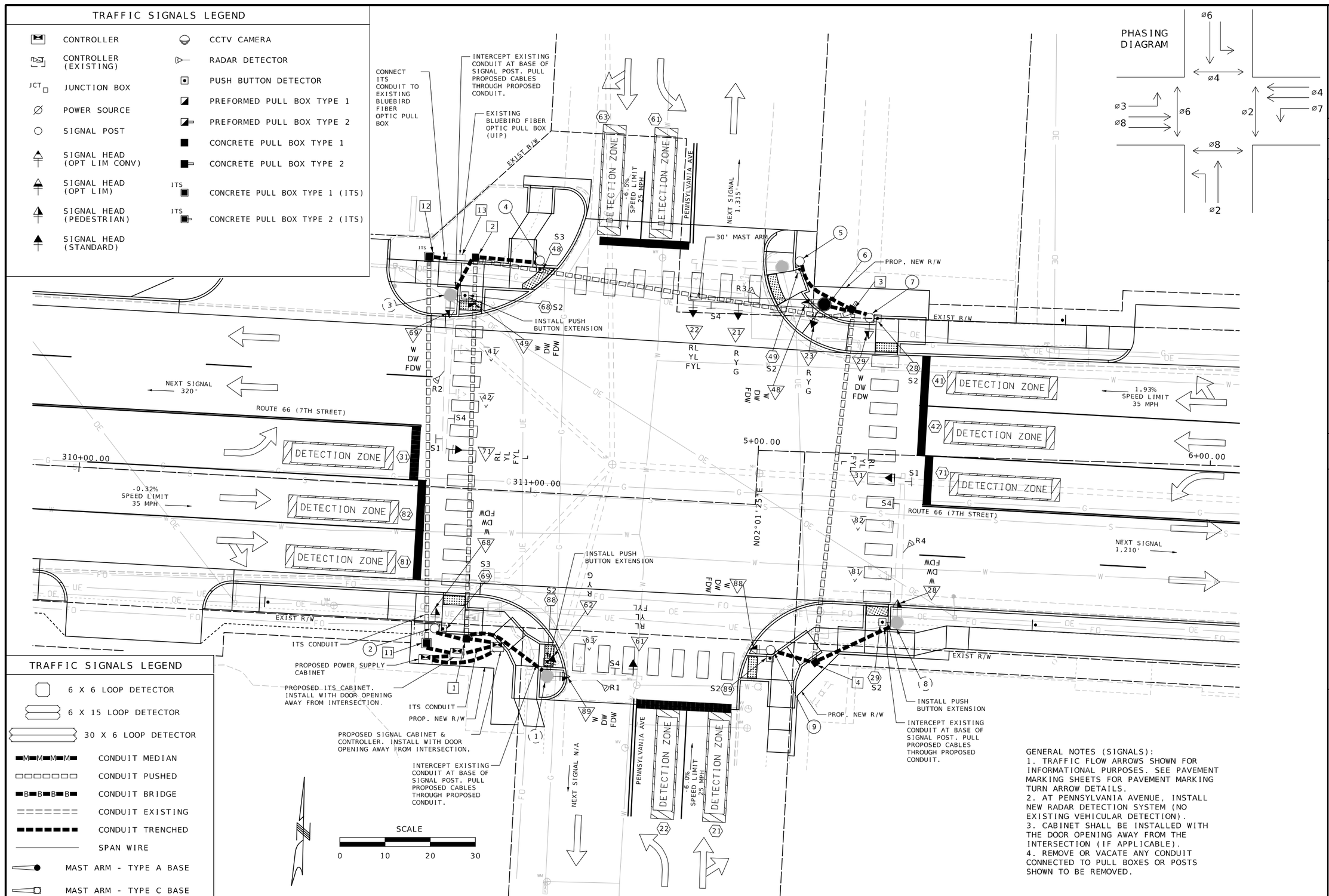
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SOURCE
- SIGNAL POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1 (ITS)
- CONCRETE PULL BOX TYPE 2 (ITS)

TRAFFIC SIGNALS LEGEND

- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE



PHASING DIAGRAM

GENERAL NOTES (SIGNALS):
1. TRAFFIC FLOW ARROWS SHOWN FOR INFORMATIONAL PURPOSES. SEE PAVEMENT MARKING SHEETS FOR PAVEMENT MARKING TURN ARROW DETAILS.
2. AT PENNSYLVANIA AVENUE, INSTALL NEW RADAR DETECTION SYSTEM (NO EXISTING VEHICULAR DETECTION).
3. CABINET SHALL BE INSTALLED WITH THE DOOR OPENING AWAY FROM THE INTERSECTION (IF APPLICABLE).
4. REMOVE OR VACATE ANY CONDUIT CONNECTED TO PULL BOXES OR POSTS SHOWN TO BE REMOVED.

SIGNAL SHEET 13 OF 24
ROUTE 66/7TH ST. & PENNSYLVANIA AVE. (SHEET 1 OF 6)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 10/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	110

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C | CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CONCRETE CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | STANDARD (ITS) | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | TOP MOUNT POST 4 FT. | TOP MOUNT POST 8 FT. | TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH 30' A | TYPE C & CL SIGNAL SPACING A | TYPE C & CL SIGNAL SPACING A | TYPE C & CL SIGNAL SPACING A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGNAL SPACING D' | TYPE C & CL SIGN SPACING B | TYPE C & CL SIGN SPACING C | TYPE C & CL SIGN SPACING D | TYPE C & CL SIGN SPACING D' | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H | TYPE B & BL LEFT ARM E SIGNAL SPACING H' | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H | TYPE B & BL LEFT ARM E SIGN SPACING H' | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N' | TYPE B & BL INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | LUMINAIRE BRACKET ARM* 6 FT. | LUMINAIRE BRACKET ARM* 8 FT. | LUMINAIRE BRACKET ARM* 10 FT. | LUMINAIRE BRACKET ARM* 12 FT. | LUMINAIRE BRACKET ARM* 15 FT. |
|---|---|---

PS= POWER SUPPLY

CONDUIT (WITH #14 TRACER WIRE)

CABLE

EFFECTIVE: 10-01-2015

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH 1"	TRENCH 2"	TRENCH 3"	TRENCH 4"	PUSHED 2"	PUSHED 3"	PUSHED 4"	ITS TRENCH 2"	ITS TRENCH 3"	ITS TRENCH 4"	ITS PUSHED 2"	ITS PUSHED 3"	REMARKS
PS	HS	17'		25'												
PS	HS	7'		15'												
HS	HS	9'										17'				
HS	1	7'				20'										TWO RUNS OF 10'
HS	11	8'										11'				
1	2	84'								82'						
2	3	88'								86'						
3	4	79'								77'						
11	12	85'												83'		
12	13	6'										4'				INSTALL TO BLUEBIRD FIBER OPTIC PULLBOX
1	(1)	24'				25'										
1	(2)	8'			9'											
2	(3)	10'				11'										
2	(4)	15'			16'											
3	(5)	17'				18'										
3	(6)	6'				7'										
3	(7)	5'			6'											
4	(8)	21'				22'										
4	(9)	9'			10'											
SUBTOTALS				40'	41'	103'				245'		32'			83'	
TOTALS				40'	41'	103'				245'		32'			83'	

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
				1c #6	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	CAT 5 (RADAR)	2c #14 LEAD-IN CABLE	SINGLE-MODE	12 CT SINGLE-MODE	
PS	HS	17'		99'												THREE RUNS OF 34'
PS	HS	7'		69'												THREE RUNS OF 23'
HS	1	7'														
HS	(1)	31'														
HS	63	31'					96'									
63	62	JUMPER					30'									
HS	61	31'					96'									
HS	89	31'				55'										
HS	R1	31'										96'				
HS	88	31'			54'											
HS	(2)	15'														
HS	69	15'			38'											
HS	29	15'				39'										
HS	HS	9'													25'	
HS	11	8'													86'	
NORTHWEST CORNER																
HS	2	91'														
HS	(3)	101'														
HS	41	101'					177'									
41	42	JUMPER					35'									
HS	49	101'				187'										
HS	69	101'				131'										
HS	71	101'					177'									
HS	68	101'			130'											
HS	R2	101'										177'				
HS	(4)	106'														
HS	48	106'			135'											
11	12	85'													95'	
12	13	6'													16'	
NORTHEAST CORNER																
HS	3	179'														
HS	(5)	196'														
HS	49	196'			231'											
HS	(6)	185'														
HS	21	185'					262'									
HS	22	185'					30'									
21	23	JUMPER					30'									
HS	48	185'				221'										
HS	R3	185'										262'				
HS	(7)	184'														
HS	29	184'				220'										
HS	28	184'			219'											
SOUTHEAST CORNER																
HS	4	258'														
HS	(8)	279'														
HS	28	279'				321'										
HS	31	279'					367'									
HS	81	279'					367'									
81	82	JUMPER					35'									
HS	29	279'			320'											
HS	R4	279'										367'				
HS	(9)	267'														
HS	88	267'				309'										
HS	86	267'			308'											
SUBTOTALS				168'	1435'	1495'	1702'					902'			222'	
TOTALS				170'	1440'	1500'	1700'					900'			220'	

INTERSECTION ROUTE 66/7TH ST. & PENNSYLVANIA AVE.

SIGNAL SHEET 15 OF 24 - ROUTE 66/7TH ST. & PENNSYLVANIA AVE (SIGNAL SHEET 3 OF 6) D-37B

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 112
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
SW CORNER	310+78.83	38.24' RT	Type II		15 Amps	15 Amps	100 Amps	100 Amps		Amps	CI. Ft.	
			Type		15 Amps	Amps	Amps	Amps		Amps	CI. Ft.	

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** COST OF DETECTOR CARDS, IF REQUIRED, INCLUDED IN COST OF RADAR DETECTION SYSTEM.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.



S2

R10-3eL



S3

R10-3eR

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *						ITS CABINET	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	2070	NEMA	2070	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	OMNIeX	WAPITI
SW CORNER	310+94.50	34.60' RT				1													1		1	
SW CORNER	310+85.70	36.47' RT													1							



S1

R3-5L



S4

R10-27a

&& NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONES. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.

RADAR DETECTION SYSTEM, CONTRACTOR FURNISHED CONTRACTOR INSTALLED
1 EACH

UNINTERRUPTIBLE POWER SUPPLY (UPS)
1 EACH

UPS SHALL BE MOUNTED TO POWER SUPPLY ASSEMBLY

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		APS PUSH BUTTON	PUSH BUTTON EXTENSION	INDUCTION LOOP (2)			RADAR
				STANDARD	DELAY/ EXTEND *	CALL UNIT *	
R1	SOUTHBOUND						&&
R2	WESTBOUND						&&
R3	NORTHBOUND						&&
R4	EASTBOUND						&&
28	N/E CORNER EAST LEG	1					
29	S/E CORNER EAST LEG	1	1				
48	N/W CORNER NORTH LEG	1					
49	N/E CORNER NORTH LEG	1					
68	N/W CORNER WEST LEG	1	1				
69	S/W CORNER WEST LEG	1					
88	S/W CORNER SOUTH LEG	1	1				
89	S/E CORNER SOUTH LEG	1					
TOTAL		8	3				

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES *	EACH	18

SIGNAL SIGNS

	QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
			INCHES	SQ.FT.	SQ.FT.	EA.
		R10-10L	24 X 30	5.0		
		R10-10R	24 X 30	5.0		
S1	2	R3-5L	30 X 36	7.5	15.0	2
		R3-5R	30 X 36	7.5		
		R3-5A	30 X 36	7.5		
		R3-6L	30 X 36	7.5		
		R3-6R	30 X 36	7.5		
		R3-2	24 X 24	4.0		
		R3-1	24 X 24	4.0		
		R3-3	24 X 24	4.0		
		D3-1 ***	VAR. X 18			
		D3-1B ***	VAR. X 18			
S2	6	R10-3eL	9 X 15	0.9	&	&
S3	2	R10-3eR	9 X 15	0.9	&	&
		R10-11A	24 X 30	5.0		
		R10-13	36 X 24	6.0		
S4	4	R10-27A	30 X 36	7.5	30.0	4
				SUBTOTAL	45.0	6
				TOTAL	45.0	6

&: COST OF PEDESTRIAN SIGNS AND MOUNTING HARDWARE INCLUDED IN BID ITEM FOR APS.

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U		21	22		31	41					UPS	P2	P6	FLASH SENSE
	L		23				42					UPS	P4	P8	STOP TIME
"J"	U		62	61		71	81								
	L		63				82								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

2070 OUTPUT FILE ASSIGNMENTS

FR1	21,23 R Y G	22 RL YL FYL	28,29 DW 28,29 W	31 RL YL FYL	41,42 R Y G	31 48,49 DW L 48,49 W	MONITOR
FR2							
FR3	62,63 R Y G	61 RL YL FYL	68,69 DW 68,69 W	71 RL YL FYL	81,82 R Y G	71 88,89 DW L 88,89 W	
FR4							

ROUTE 66/7TH ST. & PENNSYLVANIA AVE.
INTERSECTION

SIGNAL SHEET 16 OF 24
ROUTE 66/7TH ST. & PENNSYLVANIA AVE. (SHEET 4 OF 6)

D-37C

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	113

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

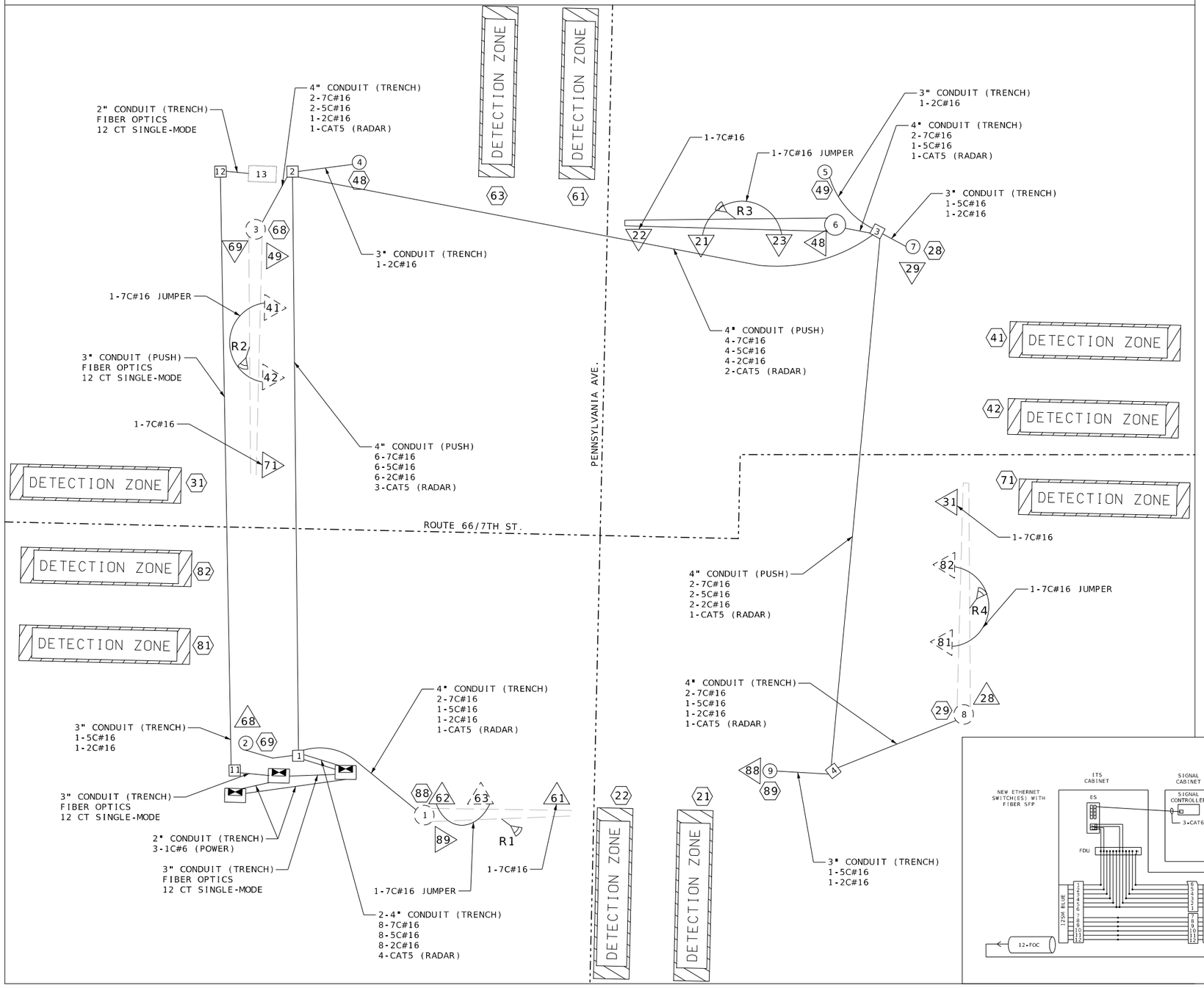
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

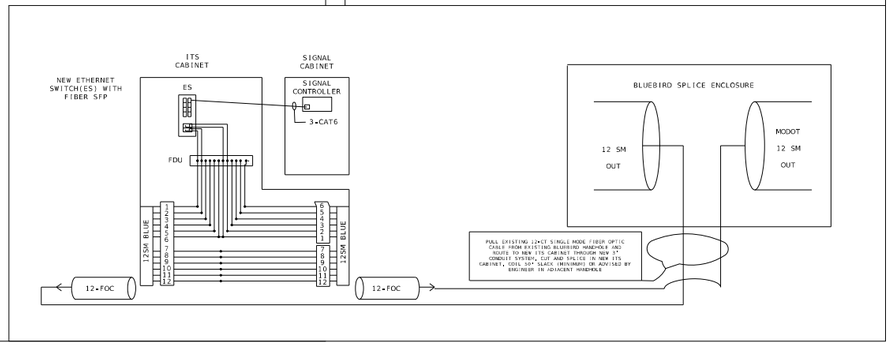
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 12-01-17

WIRING DIAGRAM





ROUTE 66/7TH ST. & PENNSYLVANIA AVE.
INTERSECTION

LEGEND

- —3"— CONDUIT CONTAINING CABLE WITH SIZE
- —— CONDUIT EXISTING
- —— CABLE
- X-XC MULTI-CONDUCTOR CABLE #12 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- [X] PULL BOX WITH NUMBER
- (X) POST WITH NUMBER
- (X) DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- POST WITH NUMBER AND MAST ARM
- ∅ POWER SUPPLY
- SIGNAL CABINET
- (X) POST WITH NUMBER (EXISTING)
- (X) DETECTOR WITH NUMBER (EXISTING)
- X SIGNAL HEAD WITH NUMBER (EXISTING)
- POST WITH NUMBER AND MAST ARM (EXISTING)
- RADAR DETECTION

SIGNAL SHEET 17 OF 24
ROUTE 66/7TH ST. & PENNSYLVANIA AVE. (SHEET 5 OF 6) D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 114
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

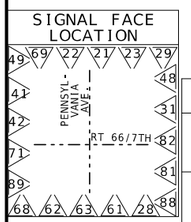
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP
FACE NUMBERS		22 21 23	31	41 42		61 62 63	71	81 82	28 29	48 49	68 69	88 89
SIGNAL INDICATIONS R		RL R R	RL			RL R	RL		DW DW	DW DW	DW DW	DW DW
SIGNAL INDICATIONS Y		YL Y Y	YL			YL Y	YL					
SIGNAL INDICATIONS FYA		FYL	FYL			FYL	FYL		FDW FDW	FDW FDW	FDW FDW	FDW FDW
SIGNAL INDICATIONS G		G G	L			G	L		W W	W W	W W	W W
DETECTOR ASSIGNMENTS		22 21 23	31	41 42		61 62 63	71	81 82				
DETECTOR ASSIGNMENTS (PEDS. ONLY)									28 29	48 49	68 69	88 89
OVERLAP PARENT PHASES												

PHASE 1	PHASE 2	PHASE 3	PHASE 4
RING 1			
RING 2			
PHASE 5	PHASE 6	PHASE 7	PHASE 8

BARRIER

RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL APPROACHES	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE 66/7TH ST.
WITH PENNSYLVANIA AVE.

SIGNAL SHEET 18 OF 24
ROUTE 66/7TH ST. & PENNSYLVANIA AVE. (SHEET 6 OF 6)

D-38A

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	115

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION

DATE

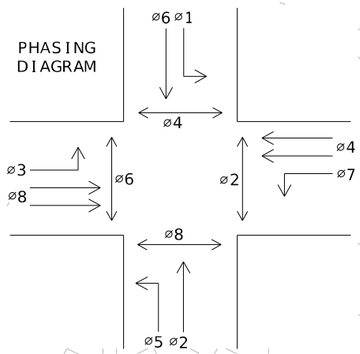
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC SIGNALS LEGEND

PHASING DIAGRAM



PROP. NEW R/W

PROPOSED POWER SUPPLY CABINET

PROPOSED ITS CABINET. INSTALL WITH DOOR OPENING AWAY FROM INTERSECTION.

PROPOSED SIGNAL CABINET & CONTROLLER. INSTALL WITH DOOR OPENING AWAY FROM INTERSECTION

DETECTION ZONE

SPEED LIMIT 35 MPH

DETECTION ZONE

NEXT SIGNAL 1,960'

45' MAST ARM

INTERCEPT EXISTING BLUEBIRD FIBER OPTIC CABLE. INSTALL NEW ITS PULLBOX.

CONNECT CONDUIT TO RELOCATED BLUEBIRD PULL BOX.

BLUEBIRD PULL BOX LOCATION TO BE DETERMINED BY OTHERS.

EXIST R/W

ITS CONDUIT

MURPHY BLVD

INSTALL CCTV CAMERA

35' MAST ARM

NEXT SIGNAL 2,560'

INSTALL PUSH BUTTON EXTENSION

DETECTION ZONE

DETECTION ZONE

1.58% SPEED LIMIT 35 MPH

DETECTION ZONE

29+00.00

30+00.00

31+00.00

S89°16'14"E

N01°12'47"E

START STA 10+00.00

PC STA 10+05.00

ROUTE 66 (7TH STREET)

NEXT SIGNAL 2,180'

35' MAST ARM

EXIST R/W

PROP. NEW R/W

40' MAST ARM

INSTALL PUSH BUTTON EXTENSION

PROP. NEW R/W

DETECTION ZONE

MURPHY BLVD

SPEED LIMIT 35 MPH

DETECTION ZONE

NEXT SIGNAL N/A

SCALE

0 10 20 30

GENERAL NOTES (SIGNALS):
1. TRAFFIC FLOW ARROWS SHOWN FOR INFORMATIONAL PURPOSES. SEE PAVEMENT MARKING SHEETS FOR PAVEMENT MARKING TURN ARROW DETAILS.
2. AT PENNSYLVANIA AVENUE, INSTALL NEW RADAR DETECTION SYSTEM (NO EXISTING VEHICULAR DETECTION).
3. CABINET SHALL BE INSTALLED WITH THE DOOR OPENING AWAY FROM THE INTERSECTION (IF APPLICABLE).
4. REMOVE OR VACATE ANY CONDUIT CONNECTED TO PULL BOXES OR POSTS SHOWN TO BE REMOVED.

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JCT JUNCTION BOX
- POWER SOURCE
- SIGNAL POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS CONCRETE PULL BOX TYPE 1 (ITS)
- ITS CONCRETE PULL BOX TYPE 2 (ITS)
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	116

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SIGNAL SHEET 19 OF 24
ROUTE 66/7TH ST. & MURPHY BLVD./ILLINOIS AVE. (SHEET 1 OF 6)

EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | STATION | OFFSET | BASE A 9 | A 9.5 | A 10 | A 10.5 | A 11 | A 12 | F 9 | F 9.5 | F 10 | F 10.5 | F 11 | F 12 | C | CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CONCRETE CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | STANDARD (ITS) | DRAIN TYPE* I | II A | II B | II C | POST TOP MOUNT POST 4 FT. | 8 FT. | 15 FT. | TYPE C & CL ARM LENGTH 35' A | 40' A | 45' A | SIGNAL SPACING A | B | C | D | D' | SIGN SPACING B | C | D | D' | TYPE B & BL ARM LENGTH E | K | LEFT ARM E SIGNAL SPACING E | K | F | G | H | H' | SIGN SPACING E | K | F | G | H | H' | RIGHT ARM K SIGNAL SPACING L | M | N | N' | SIGN SPACING L | M | N | N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

PS = POWER SUPPLY

CONDUIT (WITH #14 TRACER WIRE)

CABLE

EFFECTIVE: 10-01-2015

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			ITS TRENCH			ITS PUSHED			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
PS	LTS	29'		37'													
PS	LTS	22'		30'													
	1	11'				28'											TWO RUNS OF 14'
	LTS	9'										17'					
LTS	11	6'										10'					
2	3	117'								115'							
3	4	174'								172'							
4	1	94'								92'							
11	12	110'													108'		
12	13	12'										10'					INSTALL TO BLUEBIRD FIBER OPTIC PULLBOX
1	(1)	26'				27'											
1	(2)	39'			40'												
1	(3)	6'			7'												
2	(4)	12'				13'											
2	(5)	9'			10'												
2	(6)	26'			27'												
3	(7)	6'				7'											
3	(8)	39'			40'												NORTHEAST CORNER
4	(9)	71'			72'												
4	(10)	51'				52'											
4	(11)	14'			15'												

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
NW CORNER	29+85.18	87.77' LT	Type II		15 Amps	15 Amps	100 Amps	100 Amps		Amps	CI. Ft.	
			Type		15 Amps	Amps	Amps	Amps		Amps	CI. Ft.	

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** COST OF DETECTOR CARDS, IF REQUIRED, INCLUDED IN COST OF RADAR DETECTION SYSTEM.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *					ITS CABINET	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER							
APPROACH	STATION	OFFSET	NEMA	2070	NEMA	2070	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	OMNIeX	WAPITI
NW CORNER	29+71.96	61.91' LT				1													1		1	
NW CORNER	29+78.97	67.08' LT													1							

RADAR DETECTION SYSTEM, CONTRACTOR FURNISHED
CONTRACTOR INSTALLED
1 EACH

UNINTERRUPTIBLE POWER SUPPLY (UPS)
1 EACH
UPS SHALL BE MOUNTED TO POWER SUPPLY ASSEMBLY

CCTV CAMERA ASSEMBLY, INSTALLED
1 EACH

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		APS PUSH BUTTON	PUSH BUTTON EXTENSION	INDUCTION LOOP (2) STANDARD	INDUCTION LOOP (2) DELAY/ EXTEND *	INDUCTION LOOP (2) CALL UNIT *	RADAR
R1	WESTBOUND						&&
R2	NORTHBOUND						&&
R3	EASTBOUND						&&
R4	SOUTHBOUND						&&
28	N/E CORNER-EAST LEG	1	1				
29	S/E CORNER-EAST LEG	1	1				
48	N/W CORNER-NORTH LEG	1					
49	N/E CORNER-NORTH LEG	1	1				
68	N/W CORNER-WEST LEG	1					
69	S/W CORNER-WEST LEG	1					
88	S/W CORNER-SOUTH LEG	1					
89	S/E CORNER-SOUTH LEG	1					
TOTAL		8	3				

&& NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONED. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES *	EACH	18

SIGNAL SIGNS

	QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
			INCHES	SQ.FT.	SQ.FT.	EA.
		R10-10L	24 X 30	5.0		
		R10-10R	24 X 30	5.0		
S1	1	R3-5L	30 X 36	7.5	7.5	1
		R3-5R	30 X 36	7.5		
		R3-5A	30 X 36	7.5		
		R3-6L	30 X 36	7.5		
		R3-6R	30 X 36	7.5		
		R3-2	24 X 24	4.0		
		R3-1	24 X 24	4.0		
		R3-3	24 X 24	4.0		
S6	2	D3-1 ***	60 X 18	7.5	15.0	2
S7,S8	2	D3-1B ***	66 X 18	8.25	16.5	2
S2	3	R10-3eL	9 X 15	0.9	&	&
S3	5	R10-3eR	9 X 15	0.9	&	&
S5	1	R10-11A	24 X 30	5.0	5.0	1
		R10-13	36 X 24	6.0		
		R10-27A	30 X 36	7.5		
				SUBTOTAL	59.0	9
				TOTAL	59.0	9

&: COST OF PEDESTRIAN SIGNS AND MOUNTING HARDWARE INCLUDED IN BID ITEM FOR APS.

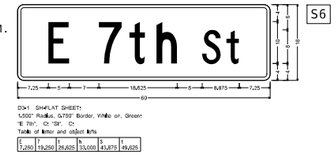
2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U	51	21			31	41					UPS	P2	P6	FLASH SENSE
	L		22									UPS	P4	P8	STOP TIME
"J"	U	11	61			71	81								
	L		62				82								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

2070 OUTPUT FILE ASSIGNMENTS

FR1	11 RL YL GL	21,22 R Y G	28,29 DW 28,29 W	31 RL YL GL	41,42 R Y G	48,49 DW 48,49 W	MONITOR
FR2							
FR3	51 RL YL GL	61,62 R Y G	68,69 DW 68,69 W	71 RL YL GL	81,82 R Y G	88,89 DW 88,89 W	
FR4							



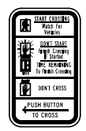
S6



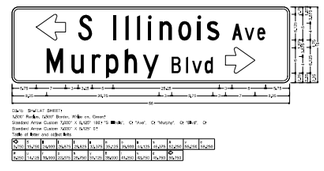
S1 R3-5L



S7



S2 R10-3eL



S8



S3 R10-3eR



S5 R10-11a

ROUTE 66/7TH ST. & MURPHY BLVD./ILLINOIS AVE.
INTERSECTION

SIGNAL SHEET 22 OF 24
ROUTE 66/7TH ST. & MURPHY BLVD./ILLINOIS AVE. (SIGNAL SHEET 4 OF 6)

D-37C

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/8/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 119
COUNTY JASPER
JOB NO. J7S2185D
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

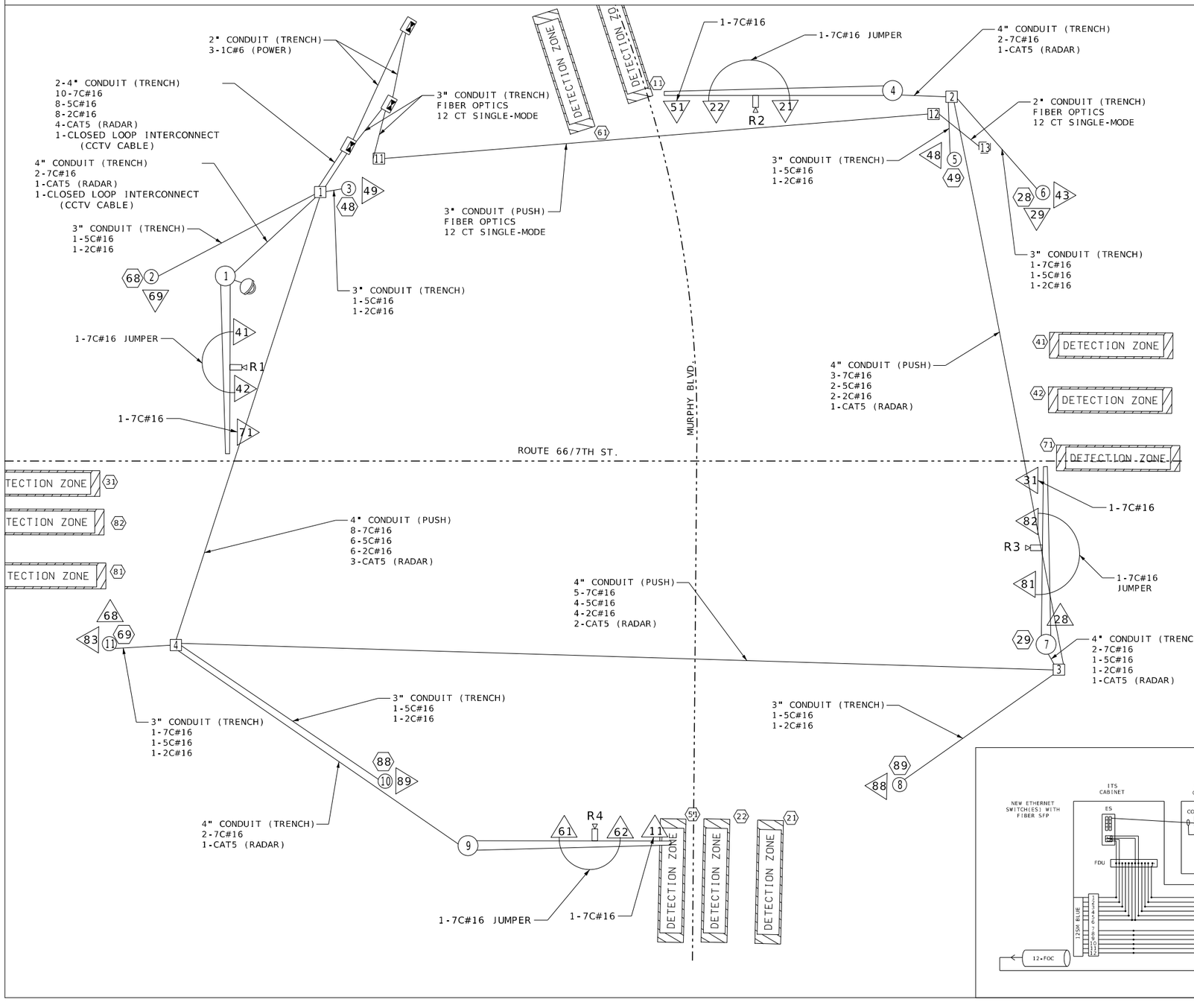
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

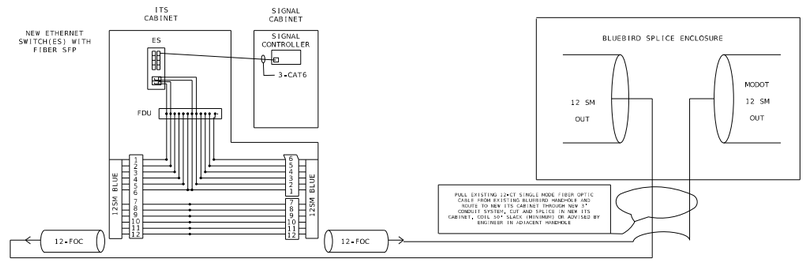
EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

- —3"— CONDUIT CONTAINING CABLE WITH SIZE
- —— CONDUIT EXISTING
- —— CABLE
- X-XC MULTI-CONDUCTOR CABLE #12 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- [X] PULL BOX WITH NUMBER
- (X) POST WITH NUMBER
- ⟨X⟩ DETECTOR WITH NUMBER
- ▽X SIGNAL HEAD WITH NUMBER
- POST WITH NUMBER AND MAST ARM
- ∅ POWER SUPPLY
- SIGNAL CABINET
- (X) POST WITH NUMBER (EXISTING)
- ⟨X⟩ DETECTOR WITH NUMBER (EXISTING)
- ▽X' SIGNAL HEAD WITH NUMBER (EXISTING)
- POST WITH NUMBER AND MAST ARM (EXISTING)
- RADAR DETECTION



ROUTE 66/7TH ST. & MURPHY BLVD./ILLINOIS AVE.
INTERSECTION

SIGNAL SHEET 23 OF 24
ROUTE 66/7TH ST. & MURPHY BLVD./ILLINOIS AVE. (SHEET 5 OF 6)

D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2009002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	120

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

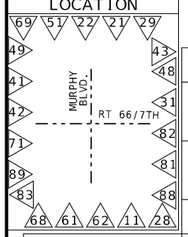
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS	11	22 21	31	41 42 43	51	61 62	71	81 82 83	28 29	48 49	68 69	88 89	FACE NUMBERS
SIGNAL INDICATIONS R	RL	R R	RL	R R R	RL	R R	RL	R R R	DW DW	DW DW	DW DW	DW DW	R
SIGNAL INDICATIONS Y	YL	Y Y	YL	Y Y Y	YL	Y Y	YL	Y Y Y					Y
SIGNAL INDICATIONS FYA									FDW FDW	FDW FDW	FDW FDW	FDW FDW	FYA
SIGNAL INDICATIONS G	L	G G	L	G G G	L	G G	L	G G G	W W	W W	W W	W W	G
DETECTOR ASSIGNMENTS	11	22 21	31	41 42	51	61 62	71	81 82					DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)									28 29	48 49	68 69	88 89	
OVERLAP PARENT PHASES													

PHASE 1	PHASE 2	PHASE 3	PHASE 4
RING 1			
RING 2			
PHASE 5	PHASE 6	PHASE 7	PHASE 8

BARRIER

RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL APPROACHES	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE 66/7TH ST.

WITH MURPHY BLVD./ILLINOIS AVE.

SIGNAL SHEET 24 OF 24

ROUTE 66/7TH ST. & MURPHY BLVD./ILLINOIS AVE. (SHEET 6 OF 6)

D-38A

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	121

COUNTY: JASPER

JOB NO.: J7S2185D

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION

DATE

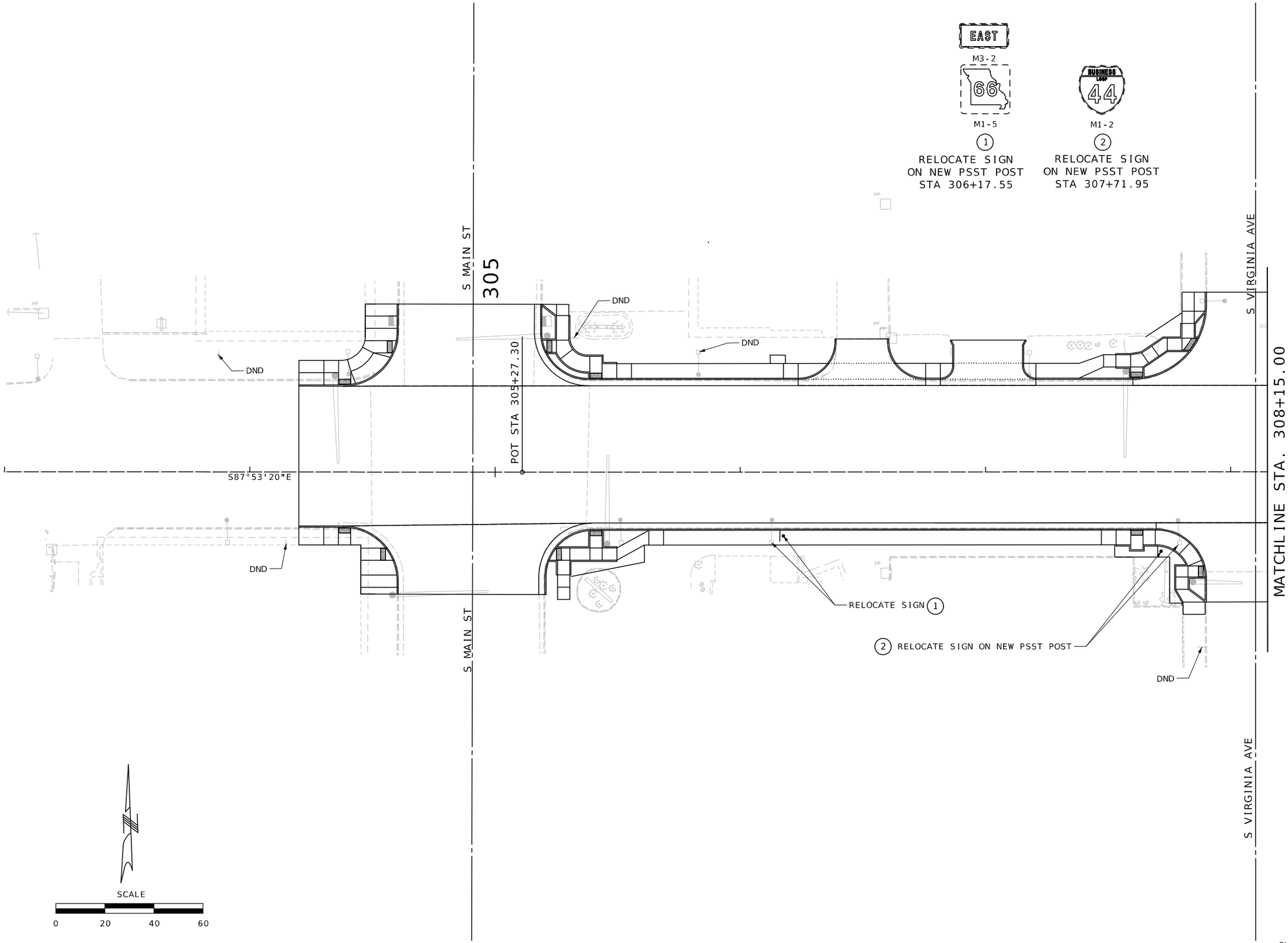
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SIGNING
SHEET 1 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	122

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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.	.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PENNSYLVANIA
VIADUCT
CLOSED

(3)

RELOCATE SIGN ON
NEW PSST POST
STA 309+09.25



(4)

RELOCATE SIGN ON
NEW PSST POST
STA 310+44.05



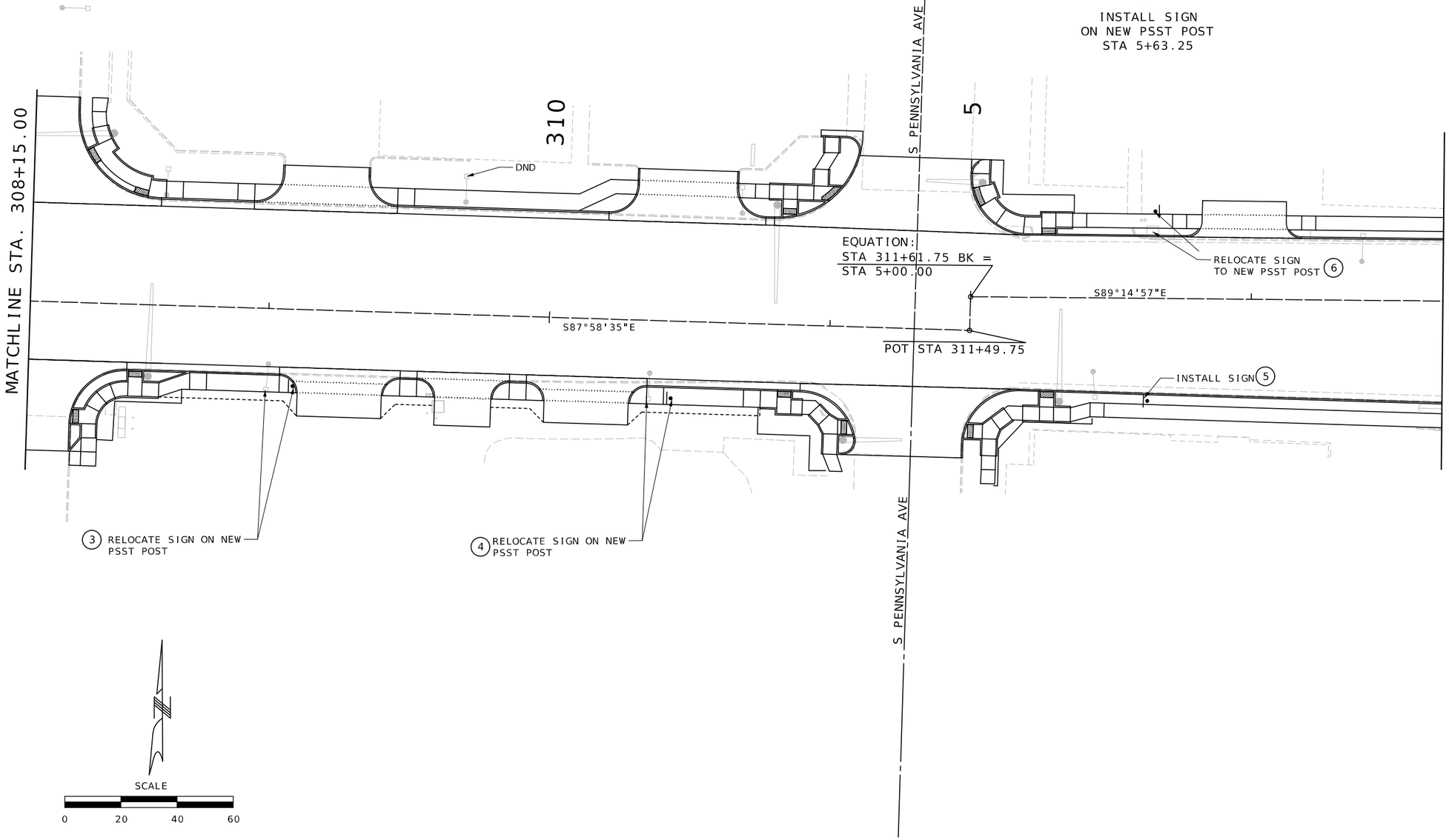
(5)

INSTALL SIGN
ON NEW PSST POST
STA 5+63.25



(6)

RELOCATE SIGN
ON NEW PSST POST
STA 5+65.38



SCALE

0 20 40 60

SIGNING
SHEET 2 OF 12

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	123

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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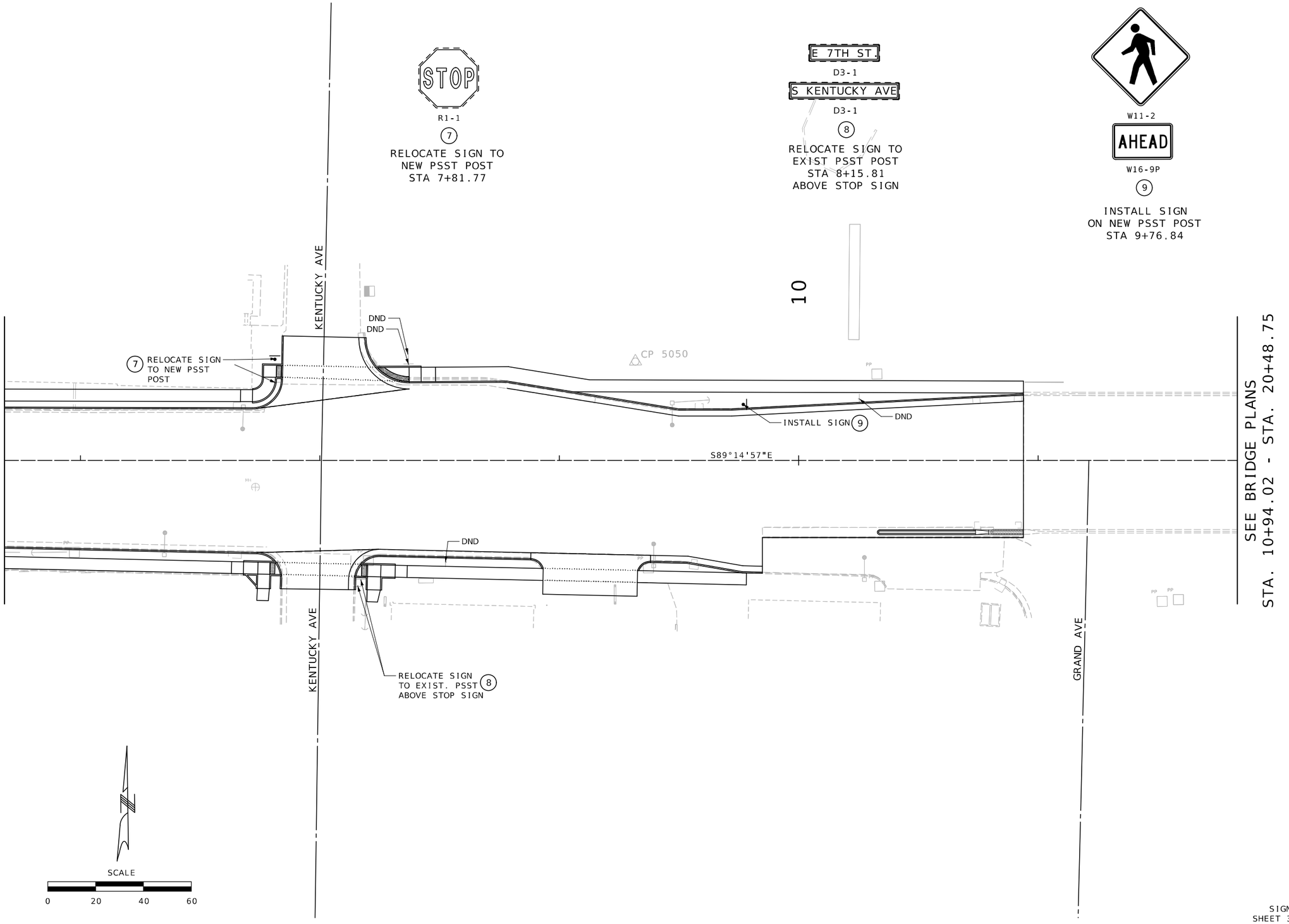

SIGNING
SHEET 3 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	124

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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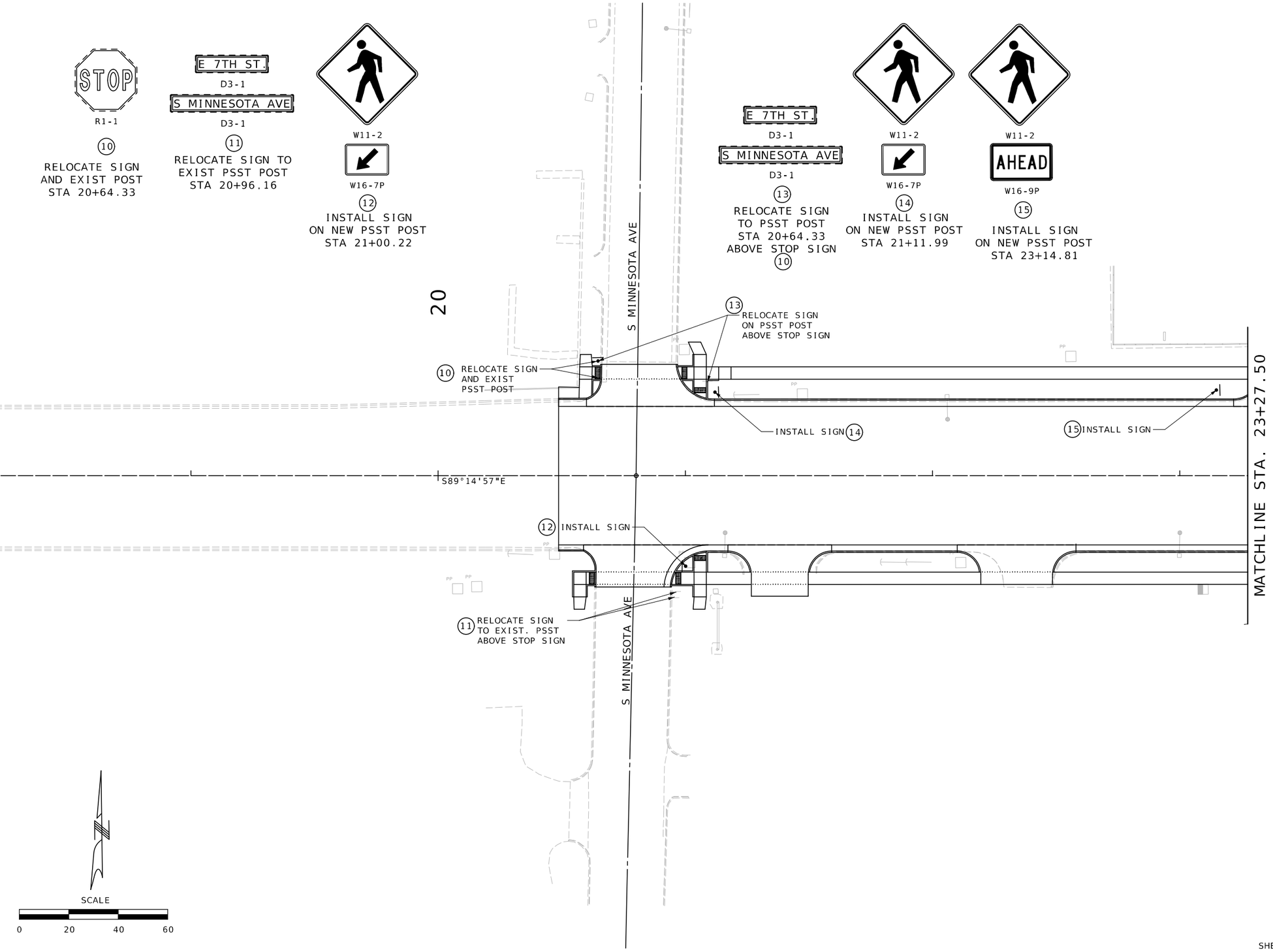

SIGNING
SHEET 4 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	125

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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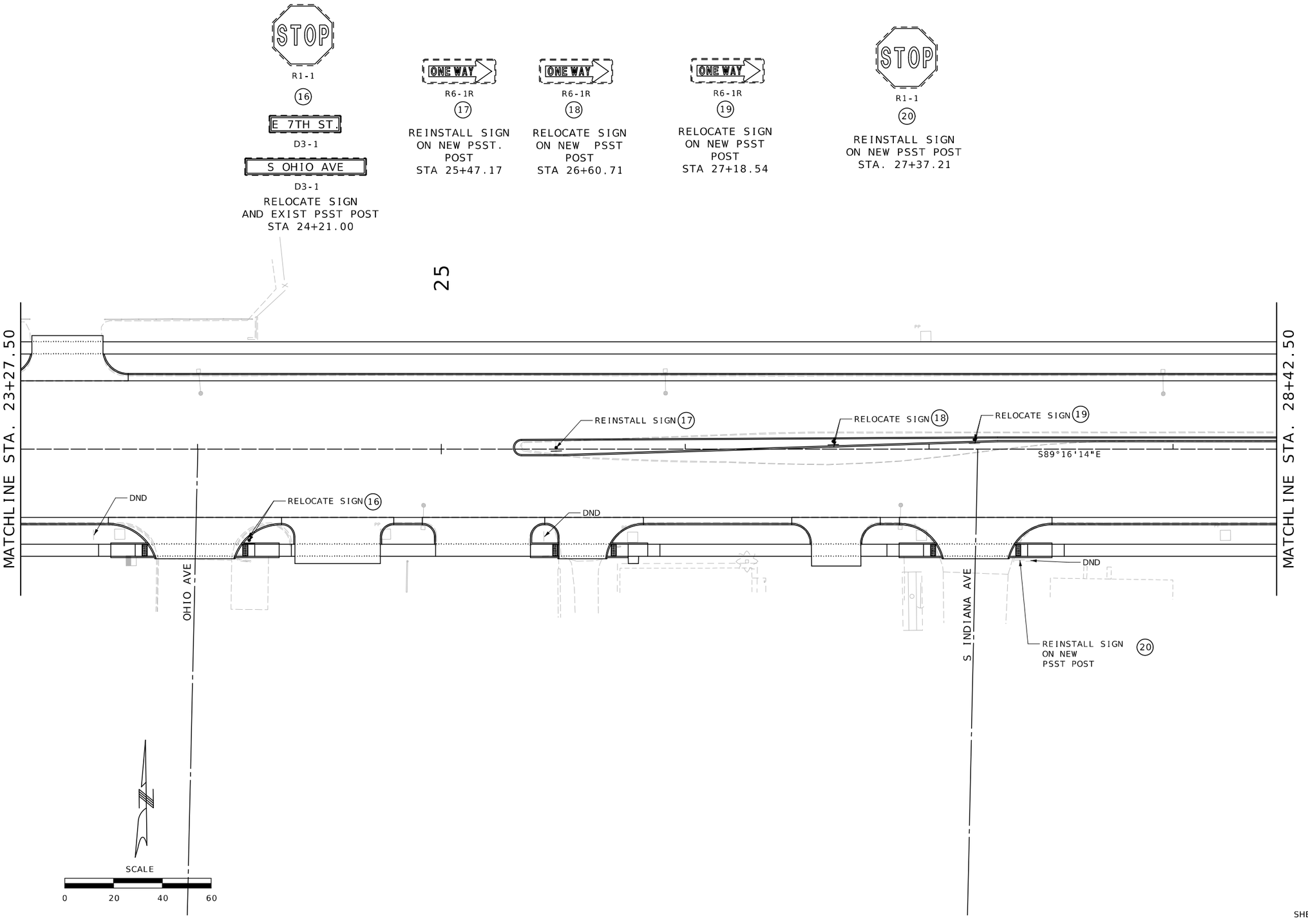

SIGNING
SHEET 5 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	126

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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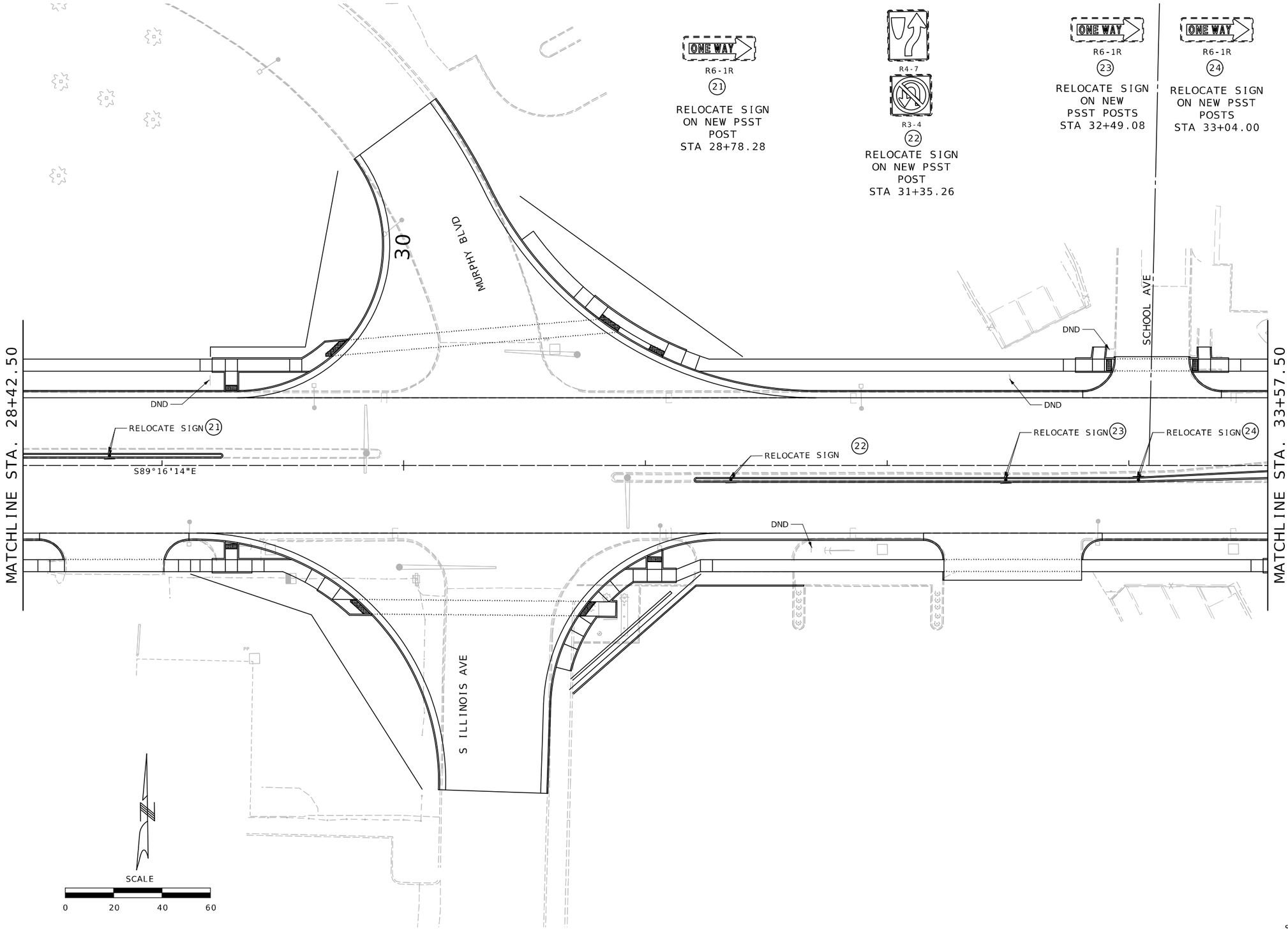

SIGNING
SHEET 6 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	127

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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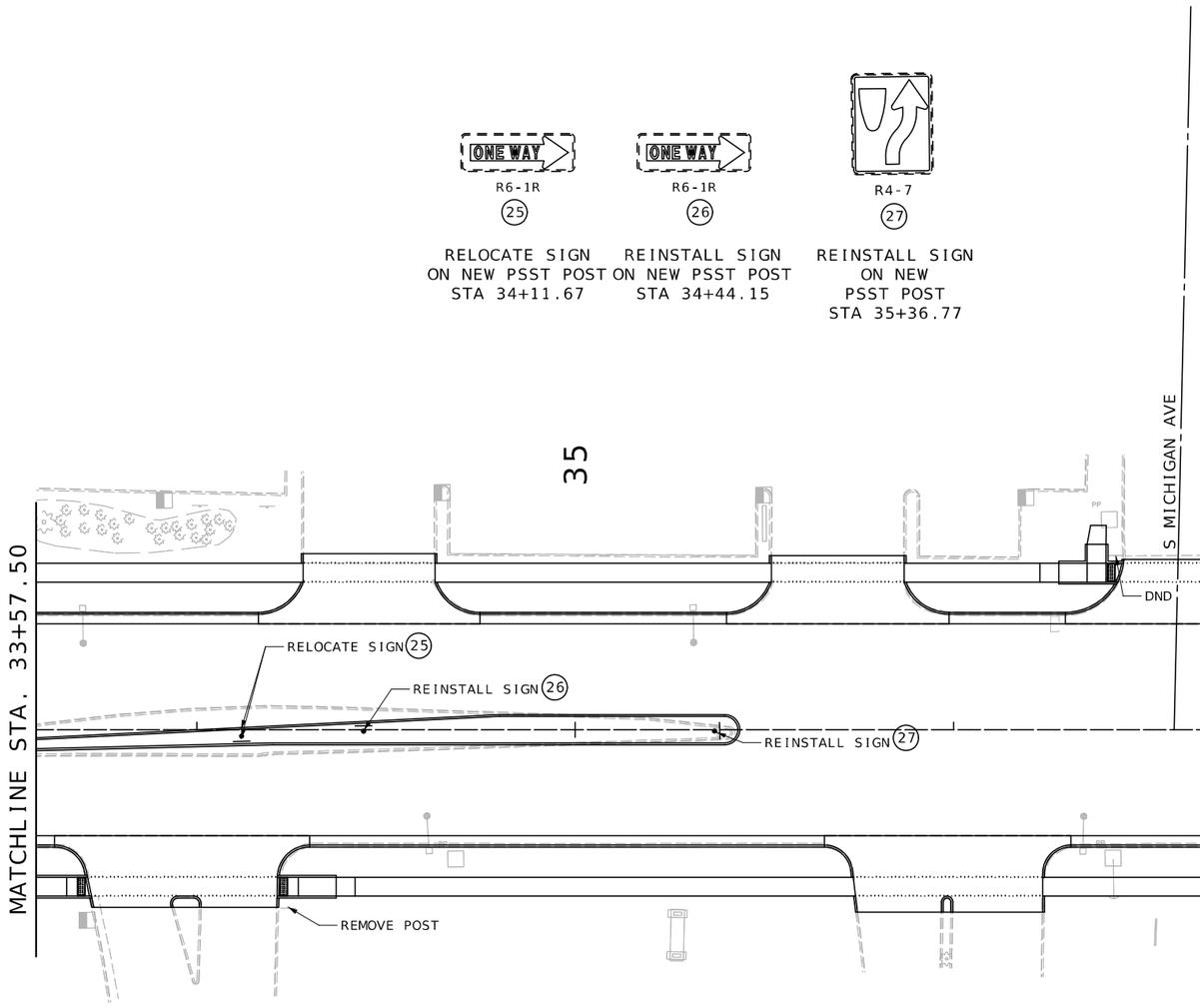

SIGNING
SHEET 7 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	128

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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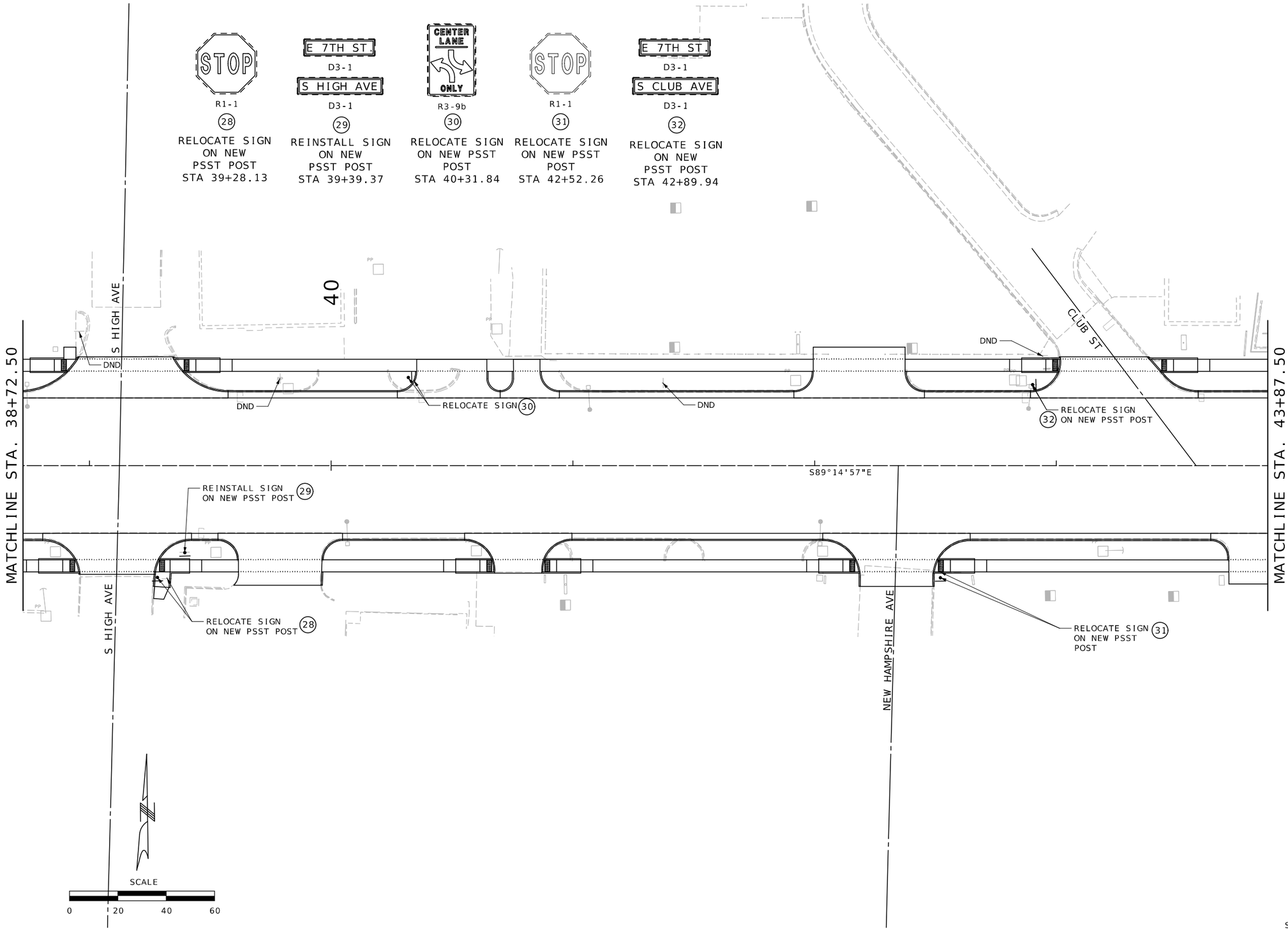
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SIGNING
SHEET 8 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	129

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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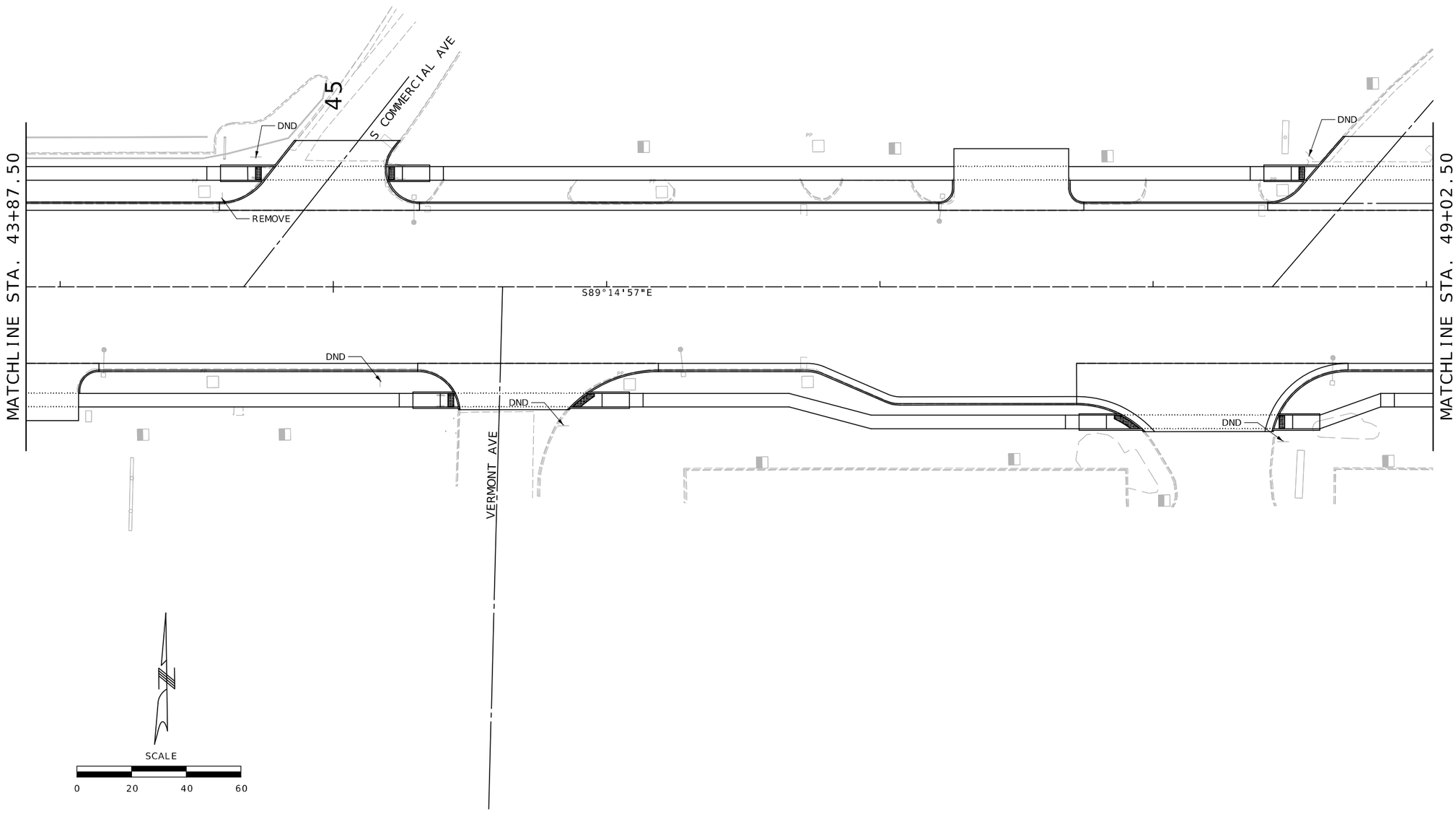
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SIGNING
SHEET 9 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	8/3/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	130
COUNTY	JASPER
JOB NO.	J7S2185D
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

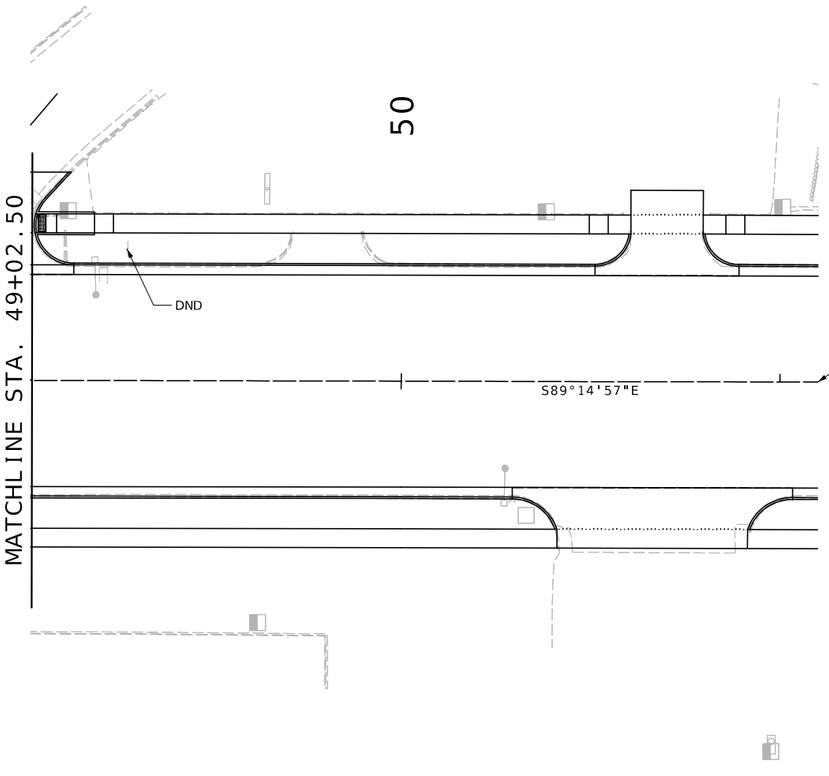
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE J7S2185EG FOR
SIGNS FROM
STA. 51+10.00 TO STA. 54+17.50



SCALE

0 20 40 60

SIGNING
SHEET 10 OF 12

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	131

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102
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WWW.BARTLETTWEST.COM

SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.
1	EXST. SGN	306+17	26.03'	RIGHT	
2	EXST. SGN	307+71	32.41'	RIGHT	
3	EXST. SGN	309+09	29.06'	RIGHT	
4	36"X36"	310+37	27.50'	RIGHT	
5	VAR.	5+63	36.57'	RIGHT	
7	36"X36"	7+81	42.22'	LEFT	
8	EXST. SGN	8+15	52.73'	RIGHT	
9	VAR.	9+76	23.37'	LEFT	
10	36"x36"	20+64	46.38'	LEFT	
11	EXST. SGN	20+96	49.15'	RIGHT	
12	VAR.	21+00	36.59'	RIGHT	
13	EXST. SGN	21+01	46.38'	LEFT	
14	VAR.	21+11	33.77'	LEFT	
15	VAR.	23+14	34.59'	LEFT	
16	EXST. SGN	24+21	37.81'	LEFT	
17	EXST. SGN	25+46	0.57'	RIGHT	
18	EXST. SGN	26+60	2.97'	LEFT	
19	EXST. SGN	27+18	3.90'	LEFT	
20	EXST. SGN	27+37	45.49'	RIGHT	
21	EXST. SGN	28+78	4.06'	LEFT	
22	VAR.	31+35	5.80'	RIGHT	
23	EXST. SGN	32+49	5.97'	RIGHT	
24	EXST. SGN	33+04	5.97'	RIGHT	
25	EXST. SGN	34+11	2.41'	RIGHT	
26	EXST. SGN	34+44	0.40'	RIGHT	
27	EXST. SGN	35+36	0.36'	RIGHT	
28	EXST. SGN	39+28	46.31'	RIGHT	
29	EXST. SGN	39+39	36.03'	RIGHT	
30	EXST. SGN	40+31	36.42'	LEFT	
31	EXST. SGN	42+52	46.42'	RIGHT	
32	EXST. SGN	42+90	33.44'	LEFT	
				SUBTOTAL	
				TOTAL	

CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS*						PIPE POSTS*					BACKING BARS**				U-CHANNEL POST
ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X 3/8" BARS AT 2.55 LBS/FT NO.	LGTH	TOTAL	TOTAL	ITEM NO. 9031250A
CY		LF	LF	LF		LBS	IN	LF	LF		LBS	EACH	IN.	LF	LBS	LF

EFFECTIVE 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	SIGN TYPE, DESCRIPTION, SIZES & NUMBER OF EACH						
			 W11-2	 W16-9P	 W16-7P				
			48 X 48	30 X 18	30 X 18				
5	5+63	LEFT	1	1					
9	9+76	LEFT	1	1					
12	21+00	RIGHT	1		1				
14	21+11	LEFT	1		1				
15	23+14	LEFT	1	1					
			7	3	4				

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET				
			SIZE	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A
MULTI-SIGN ASSEMBLY		1	VARIES		19.75		
MULTI-SIGN ASSEMBLY		1	VARIES		19.75		
MULTI-SIGN ASSEMBLY		1	VARIES		19.75		
MULTI-SIGN ASSEMBLY		1	VARIES		19.75		
MULTI-SIGN ASSEMBLY		1	VARIES		19.75		
			TOTAL		98.75		
			USE		99.00		

* ORANGE, YELLOW & YELLOW/GREEN

SIGNING SHEET
SHEET 12 OF 12

D-30

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

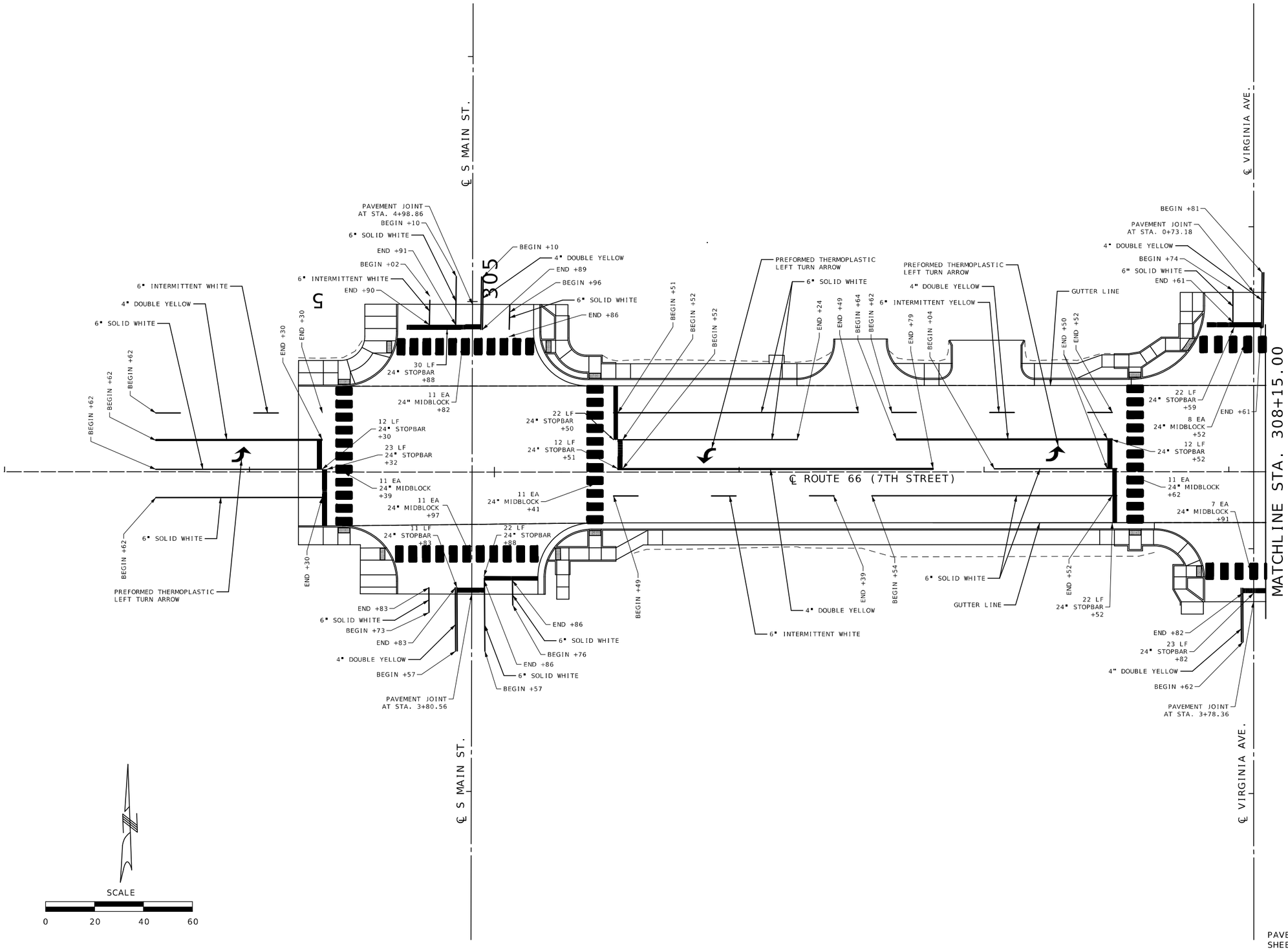
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 8/3/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 133
COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PAVEMENT MARKING
SHEET 1 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	134

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

NO.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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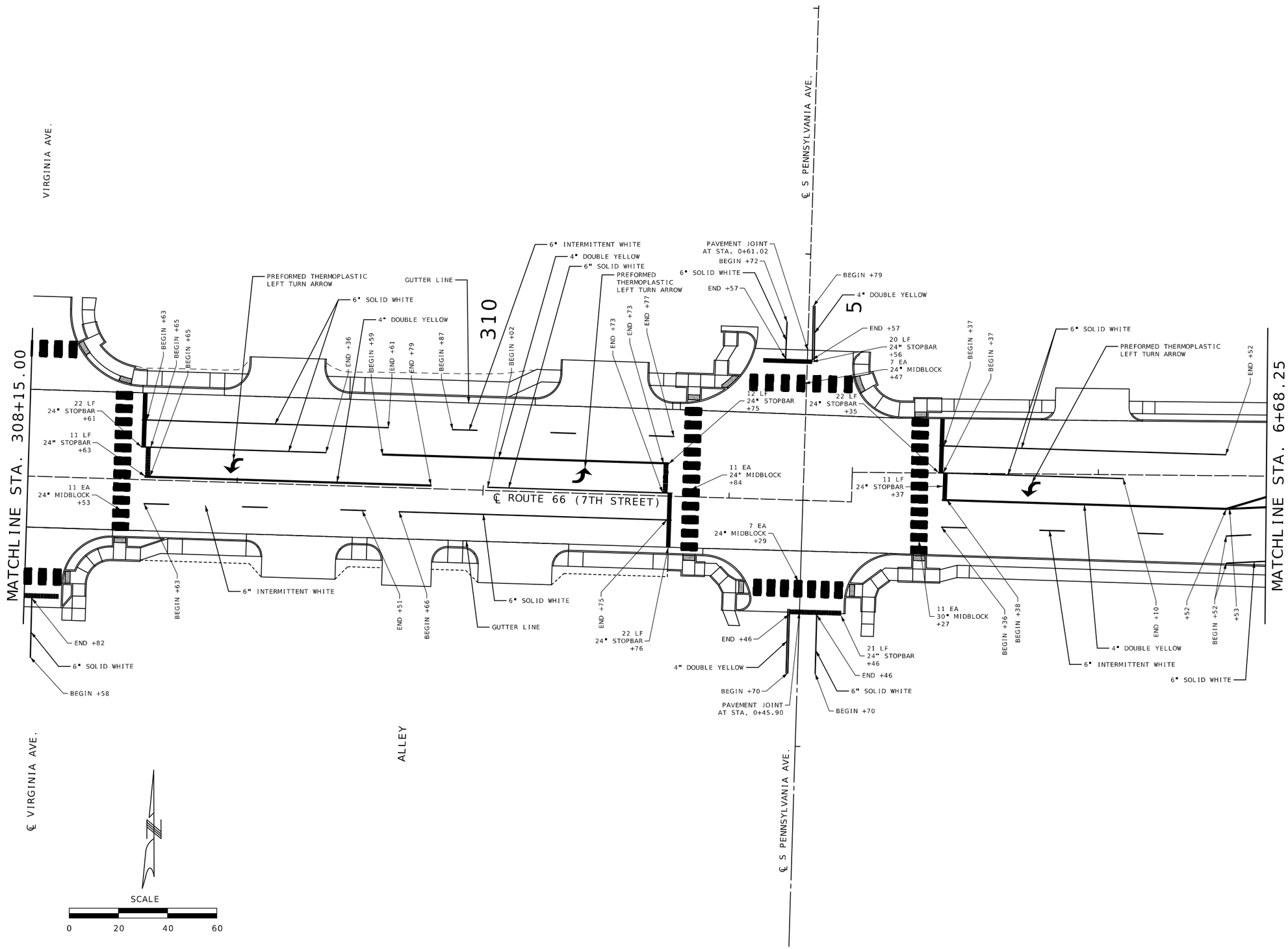

PAVEMENT MARKING
SHEET 2 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	135

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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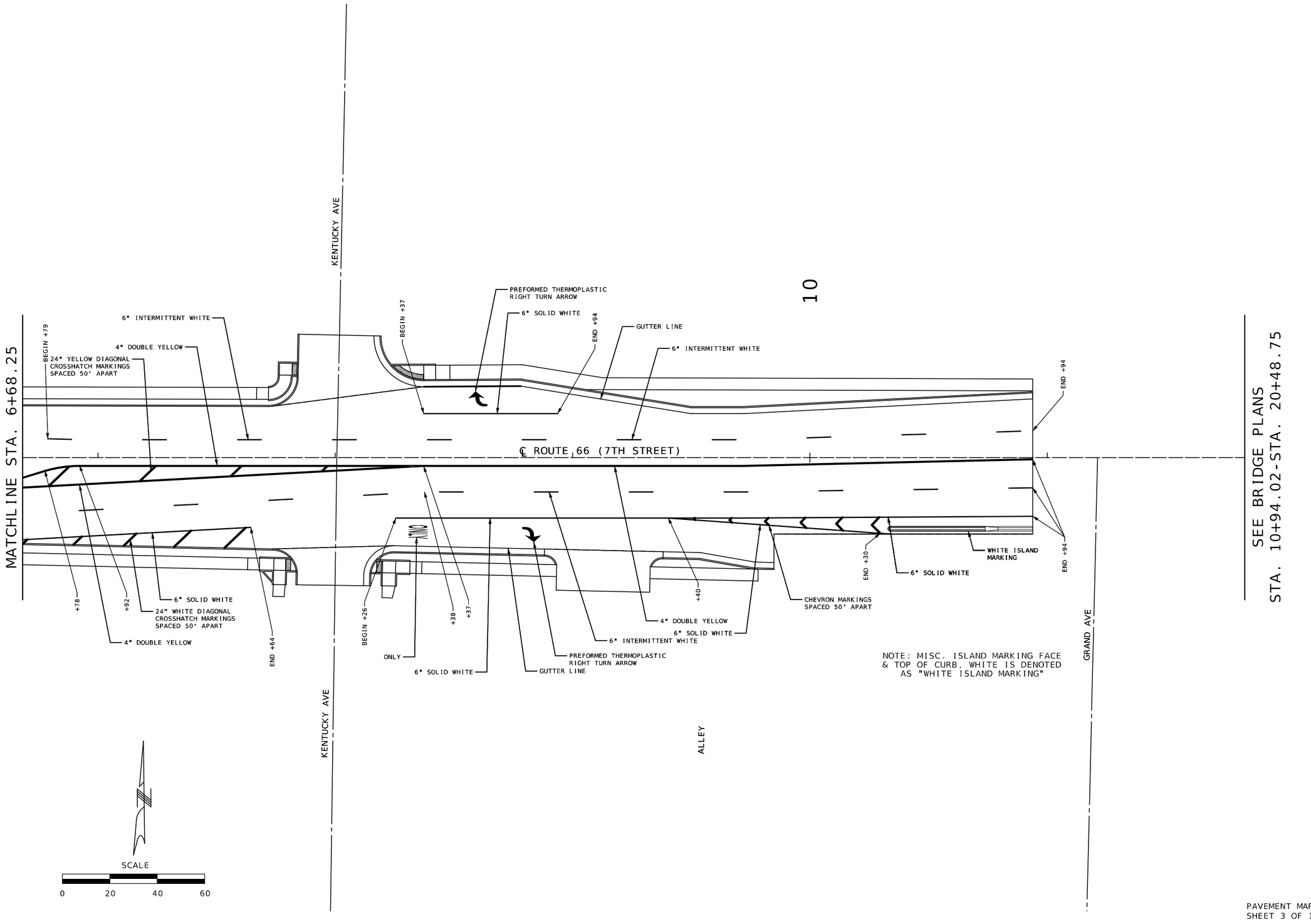

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

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DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	136

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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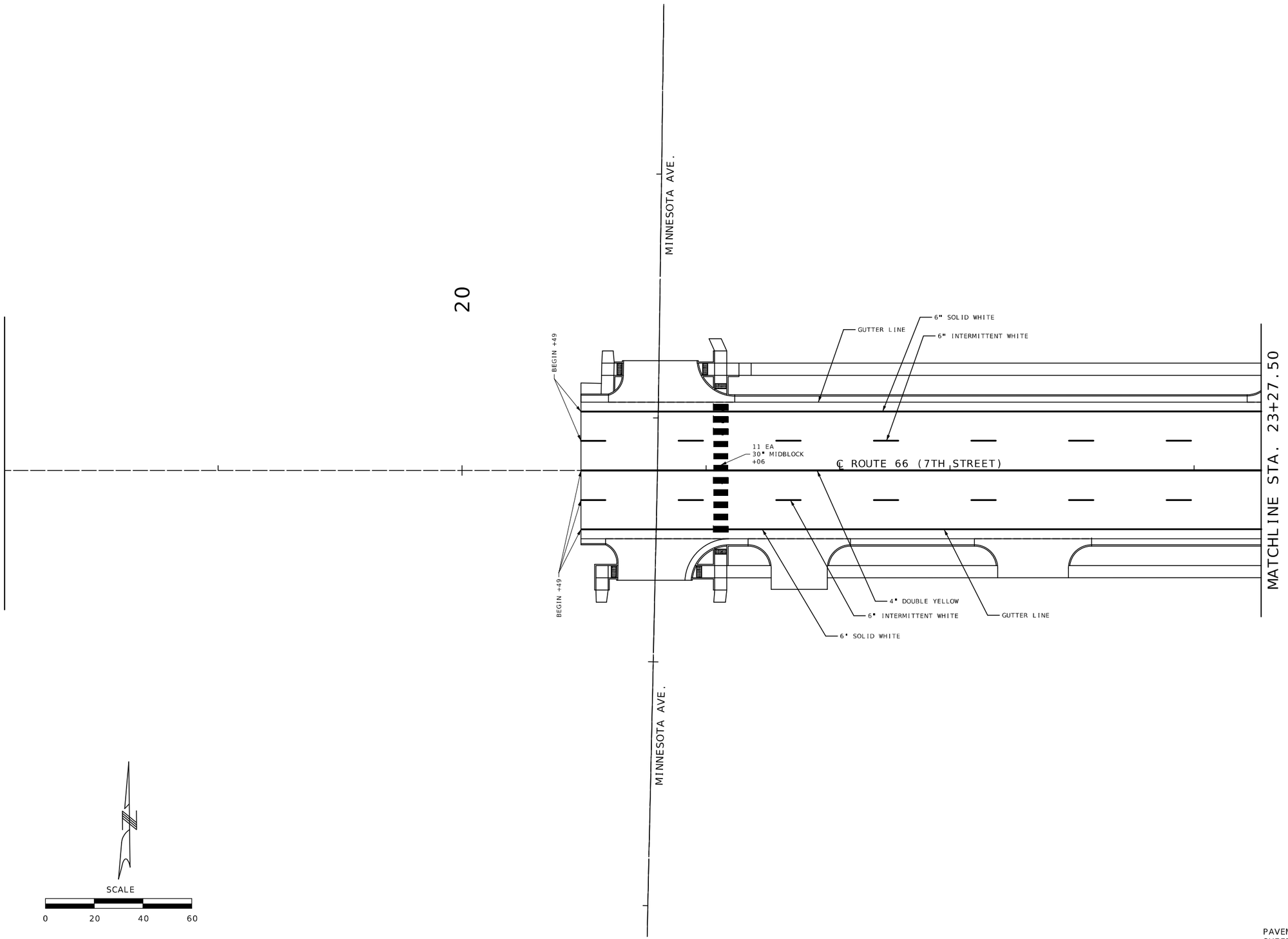
PAVEMENT MARKING
SHEET 3 OF 10



PAVEMENT MARKING
SHEET 4 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

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DATE PREPARED
9/30/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	137

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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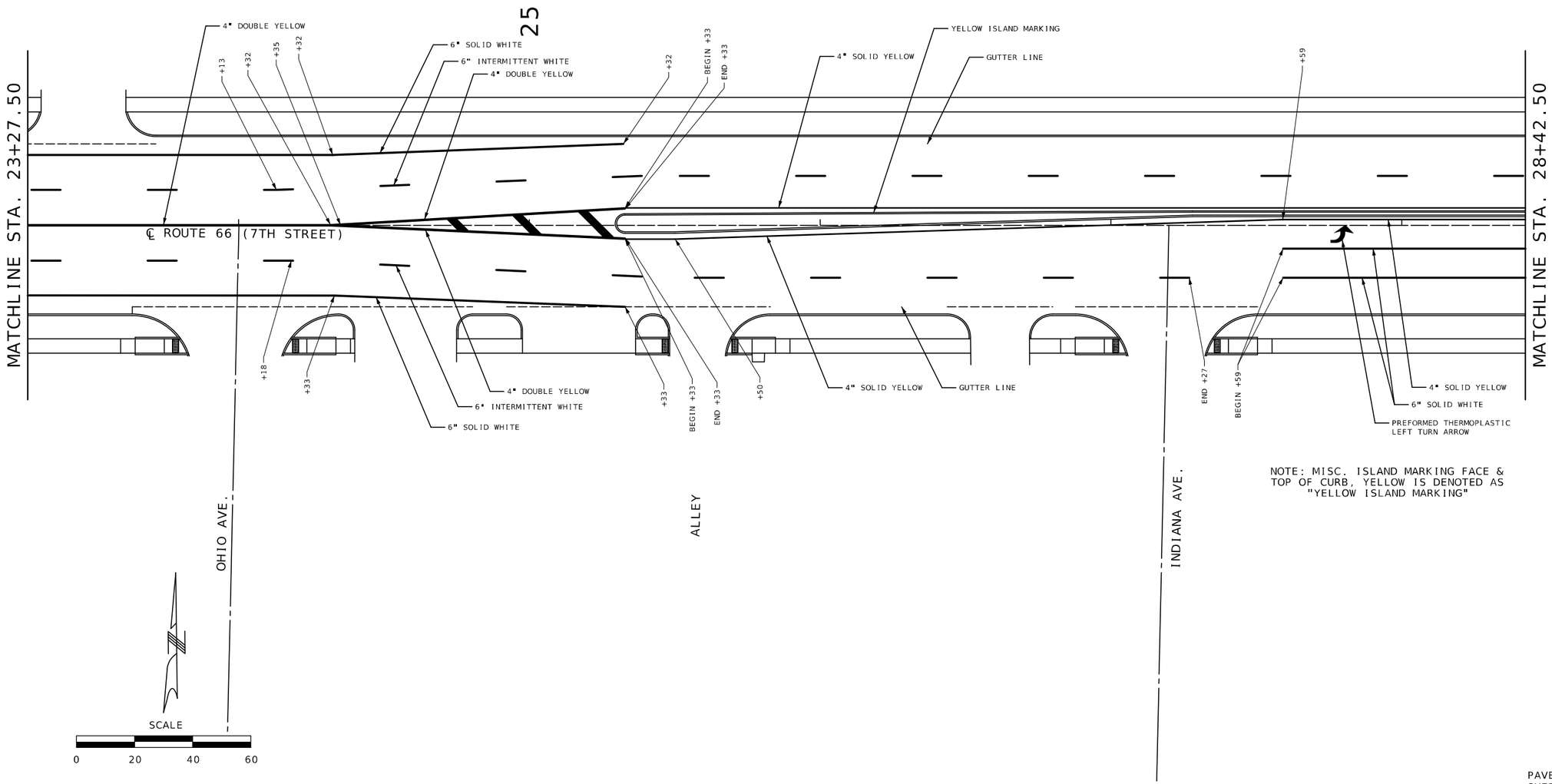

NOTE: MISC. ISLAND MARKING FACE & TOP OF CURB, YELLOW IS DENOTED AS "YELLOW ISLAND MARKING"

PAVEMENT MARKING
SHEET 5 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	138

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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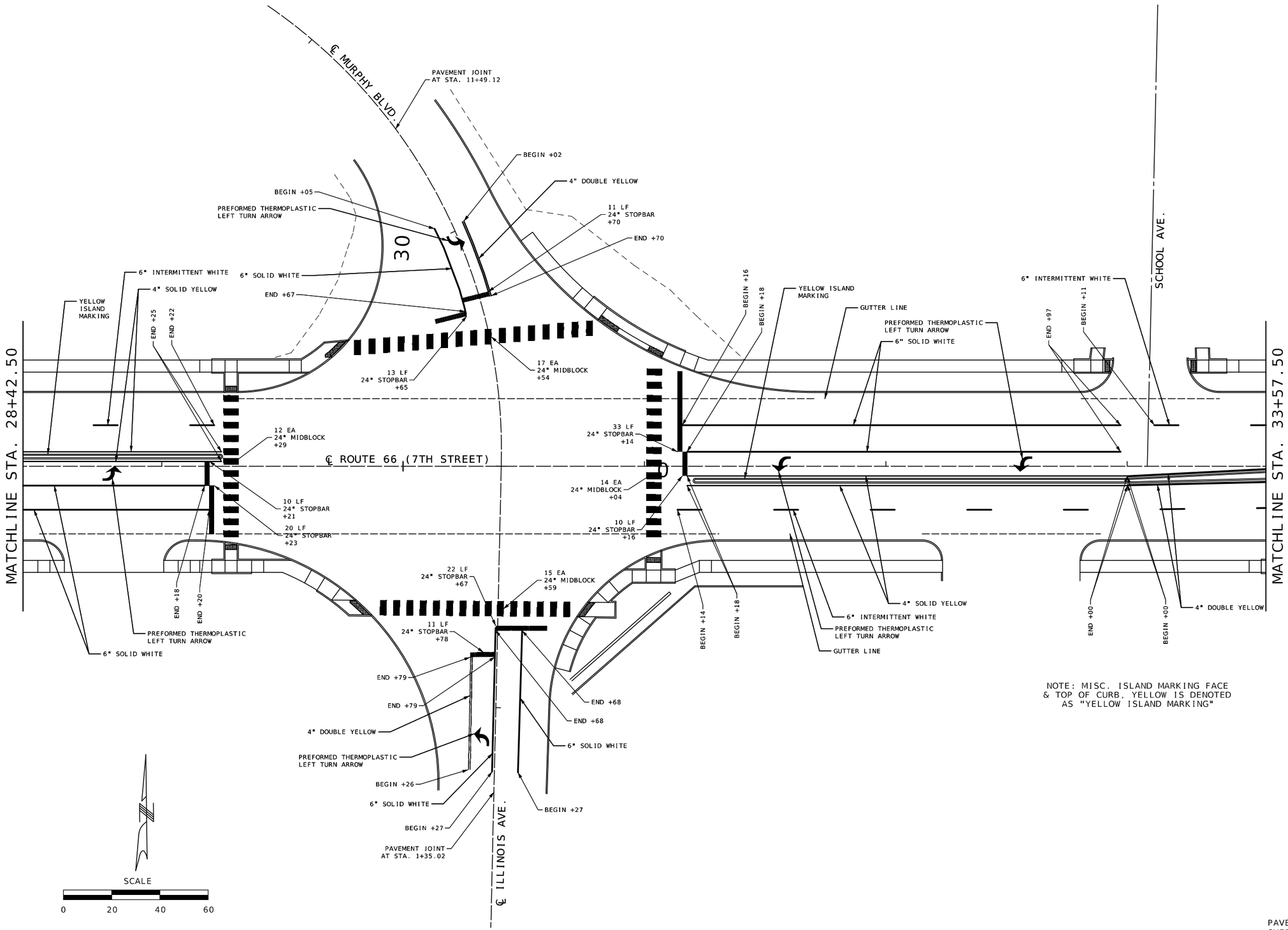

NOTE: MISC. ISLAND MARKING FACE & TOP OF CURB, YELLOW IS DENOTED AS "YELLOW ISLAND MARKING"

PAVEMENT MARKING
SHEET 6 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

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DATE PREPARED: 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	139

COUNTY: JASPER
JOB NO.: J7S2185D
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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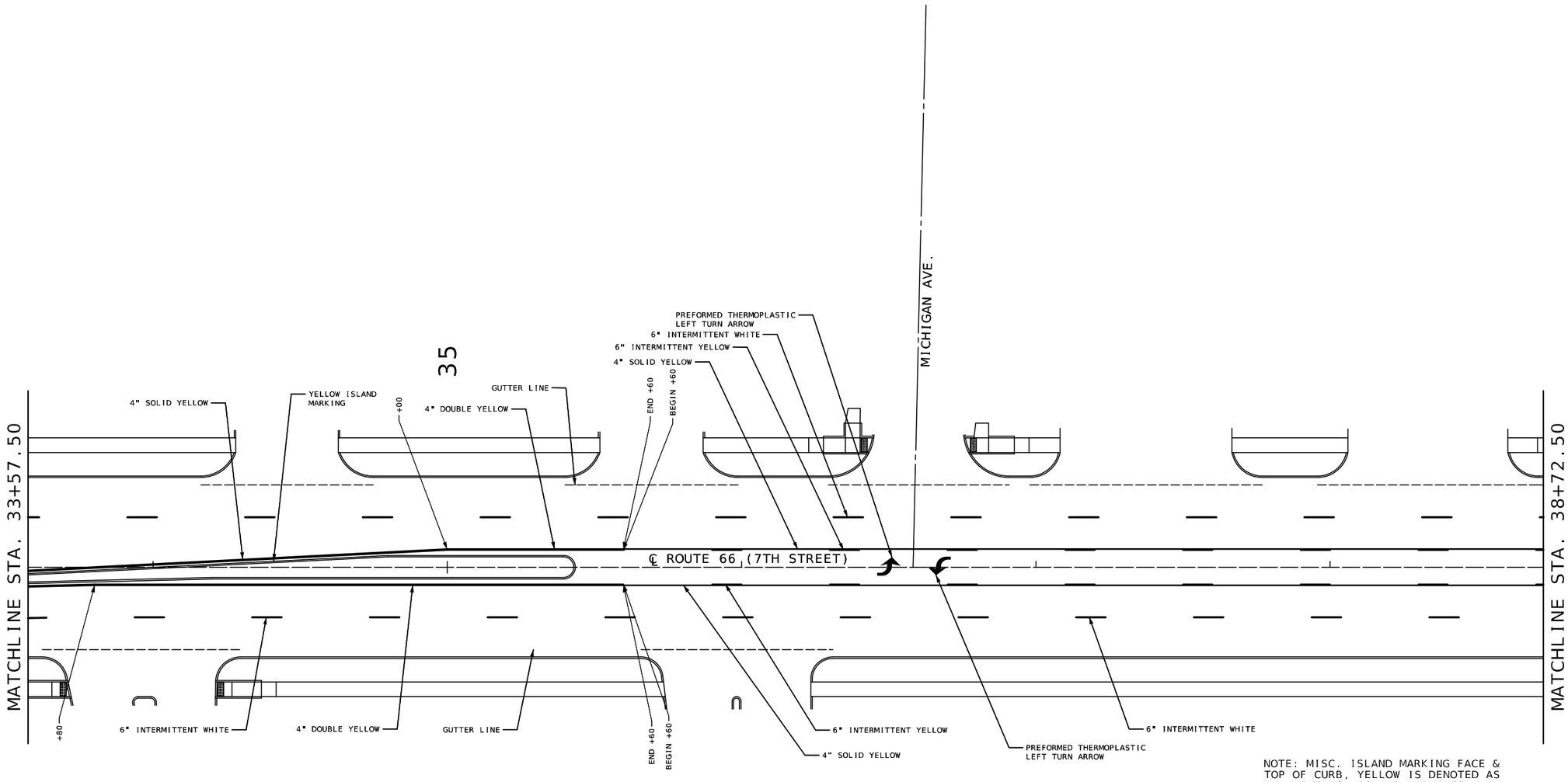

NOTE: MISC. ISLAND MARKING FACE & TOP OF CURB, YELLOW IS DENOTED AS "YELLOW ISLAND MARKING"

SCALE

0 20 40 60

PAVEMENT MARKING
SHEET 7 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	140

COUNTY: JASPER

JOB NO.: J7S2185D

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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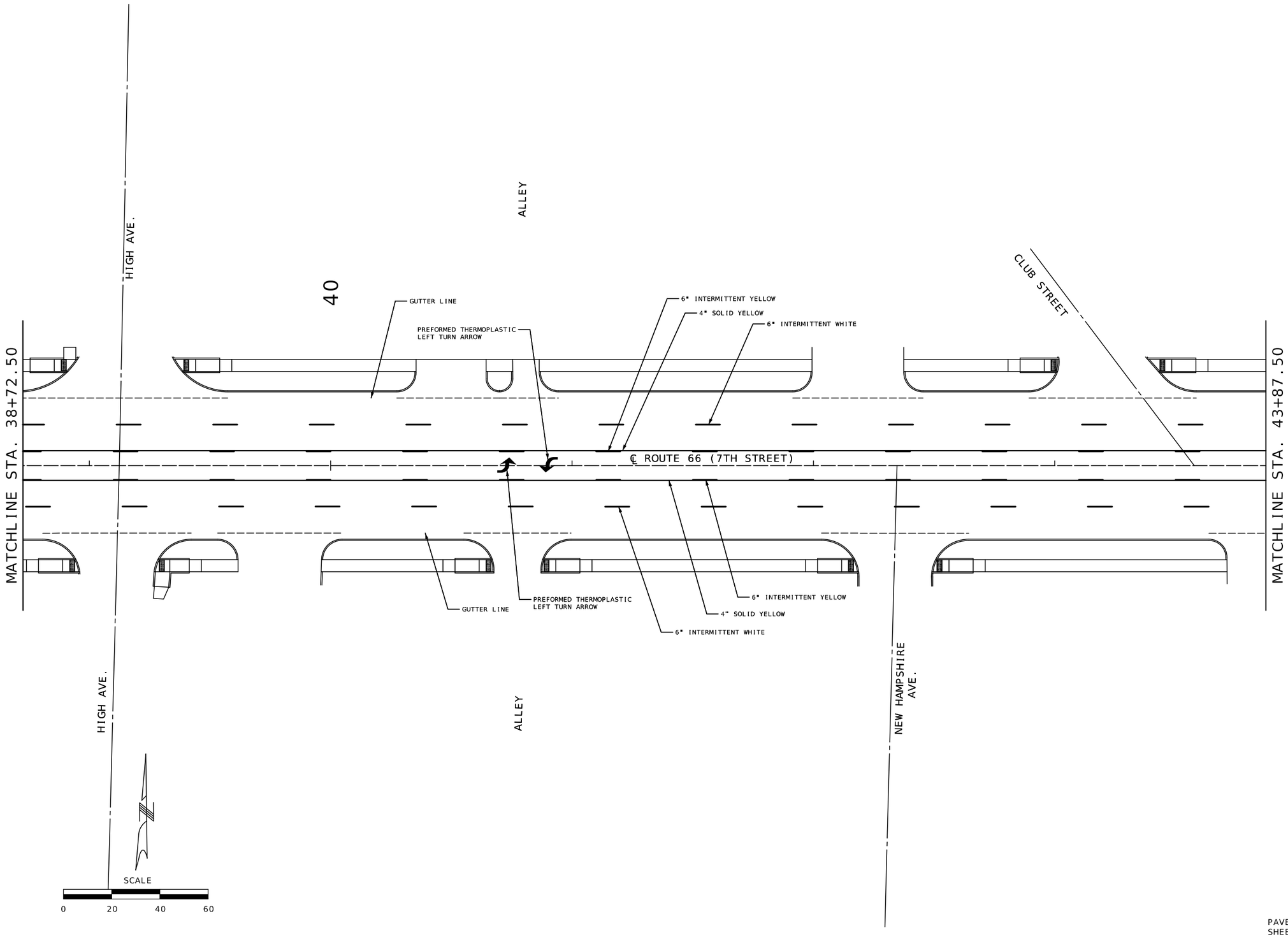

PAVEMENT MARKING
SHEET 8 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	141

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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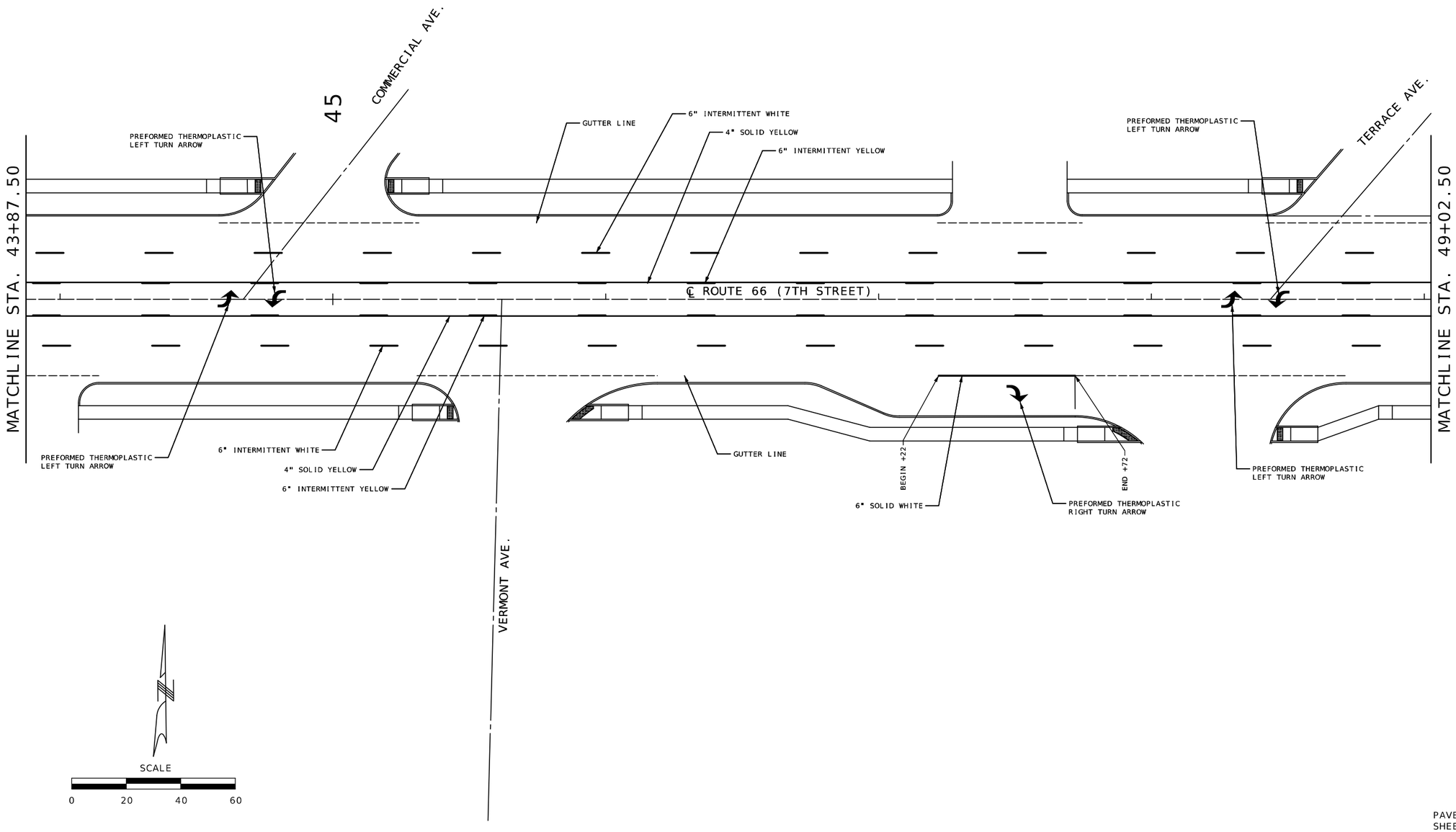

PAVEMENT MARKING
SHEET 9 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	142

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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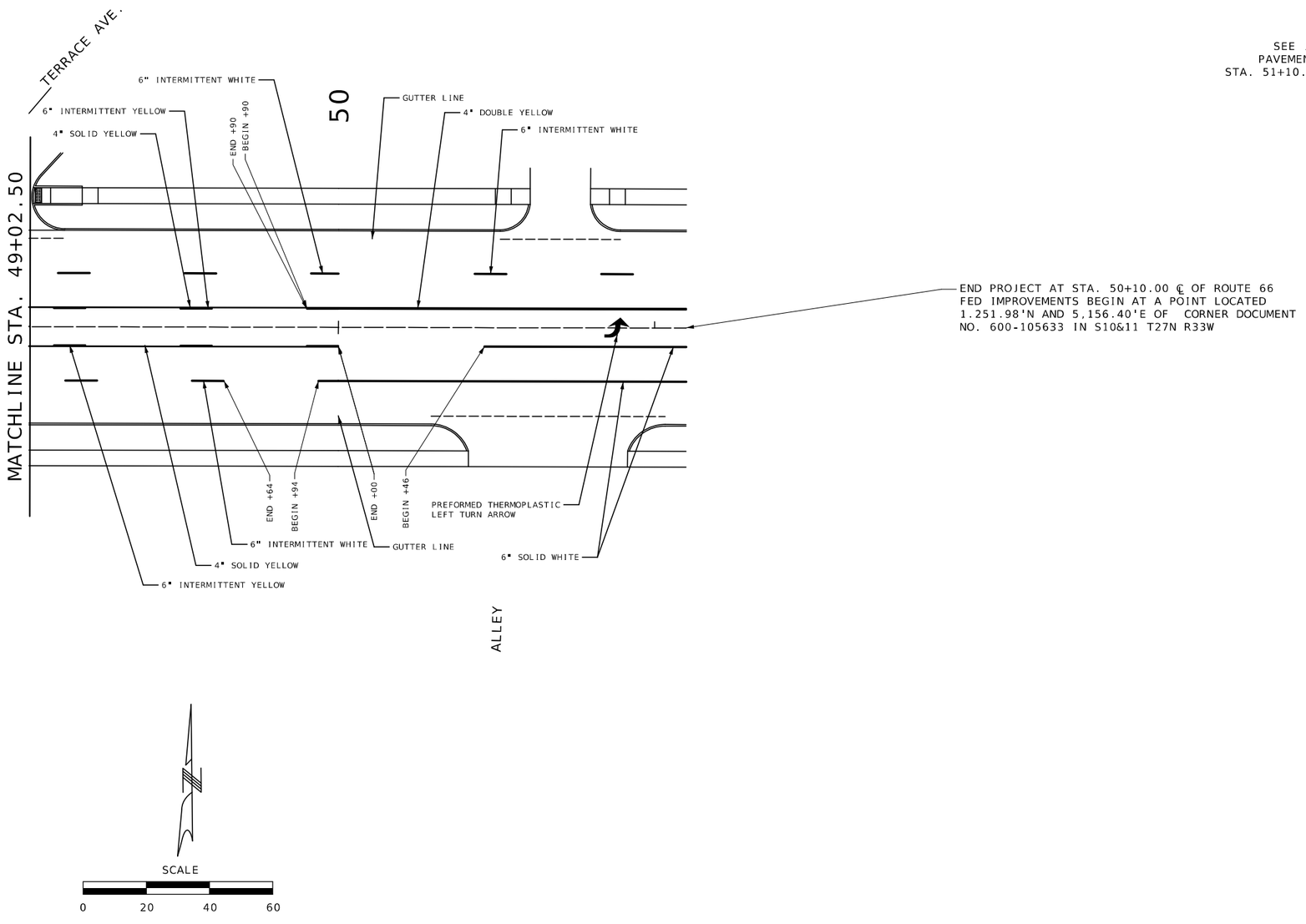

SEE J7S2185EG FOR
PAVEMENT MARKING FROM
STA. 51+10.00 TO STA. 54+17.50

END PROJECT AT STA. 50+10.00 ℄ OF ROUTE 66
FED IMPROVEMENTS BEGIN AT A POINT LOCATED
1,251.98'N AND 5,156.40'E OF CORNER DOCUMENT
NO. 600-105633 IN S10&11 T27N R33W

SCALE
0 20 40 60

PAVEMENT MARKING
SHEET 10 OF 10

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED 8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	143

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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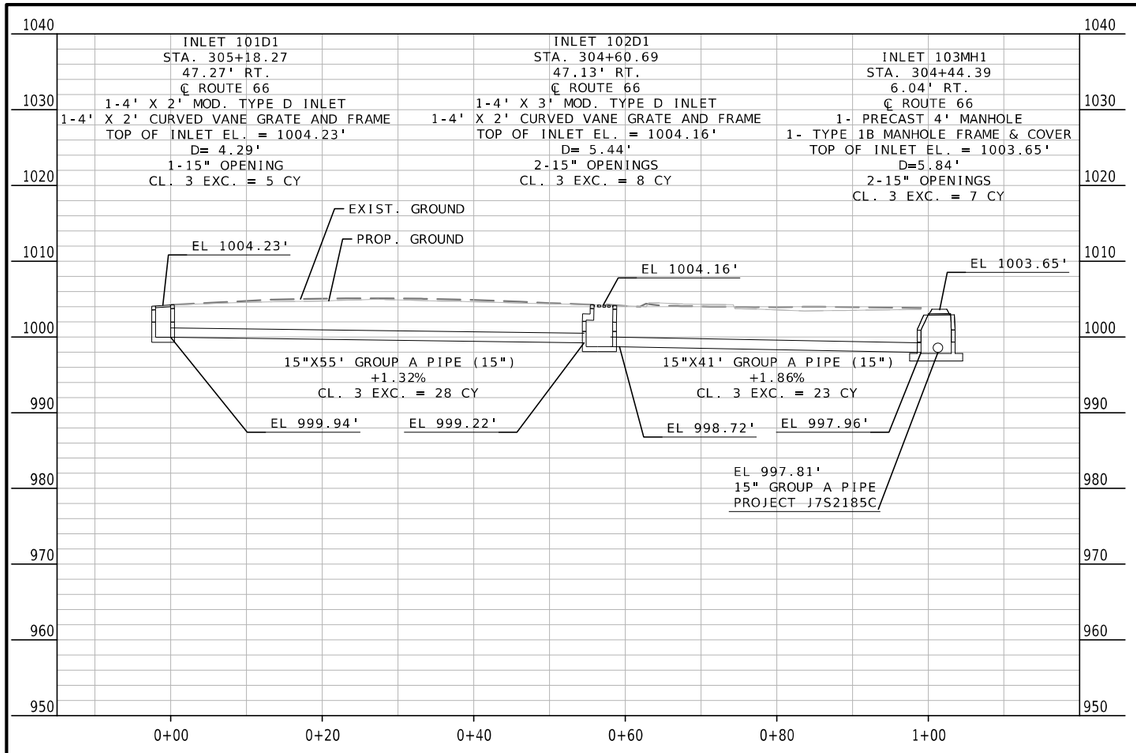

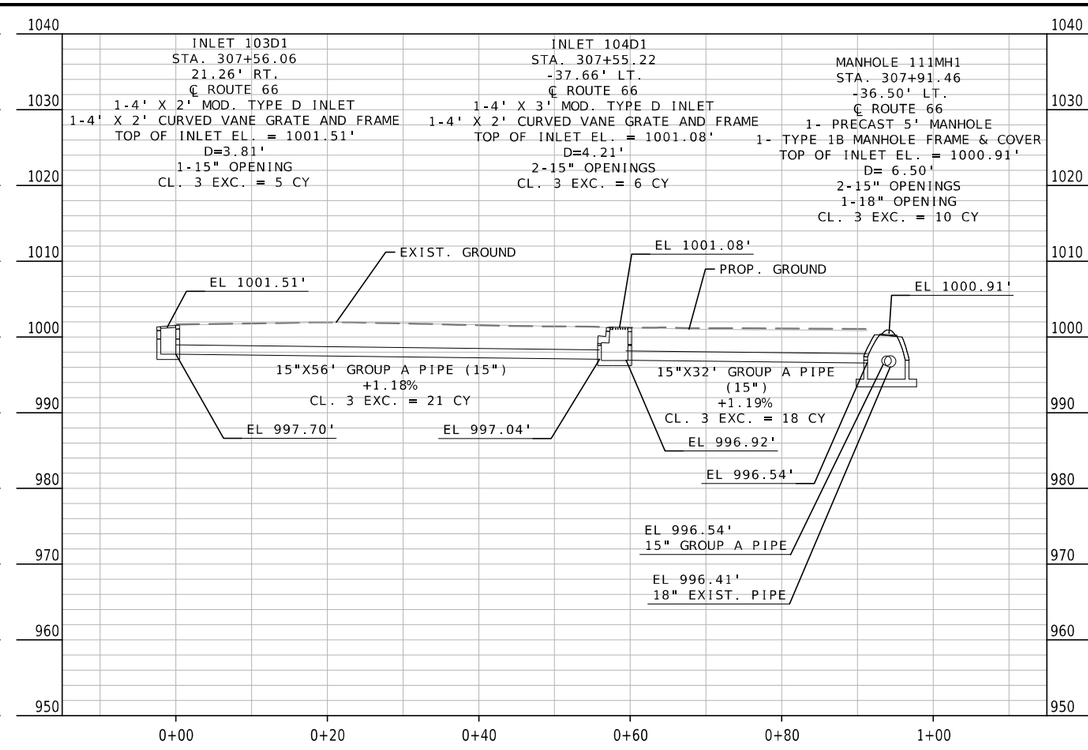

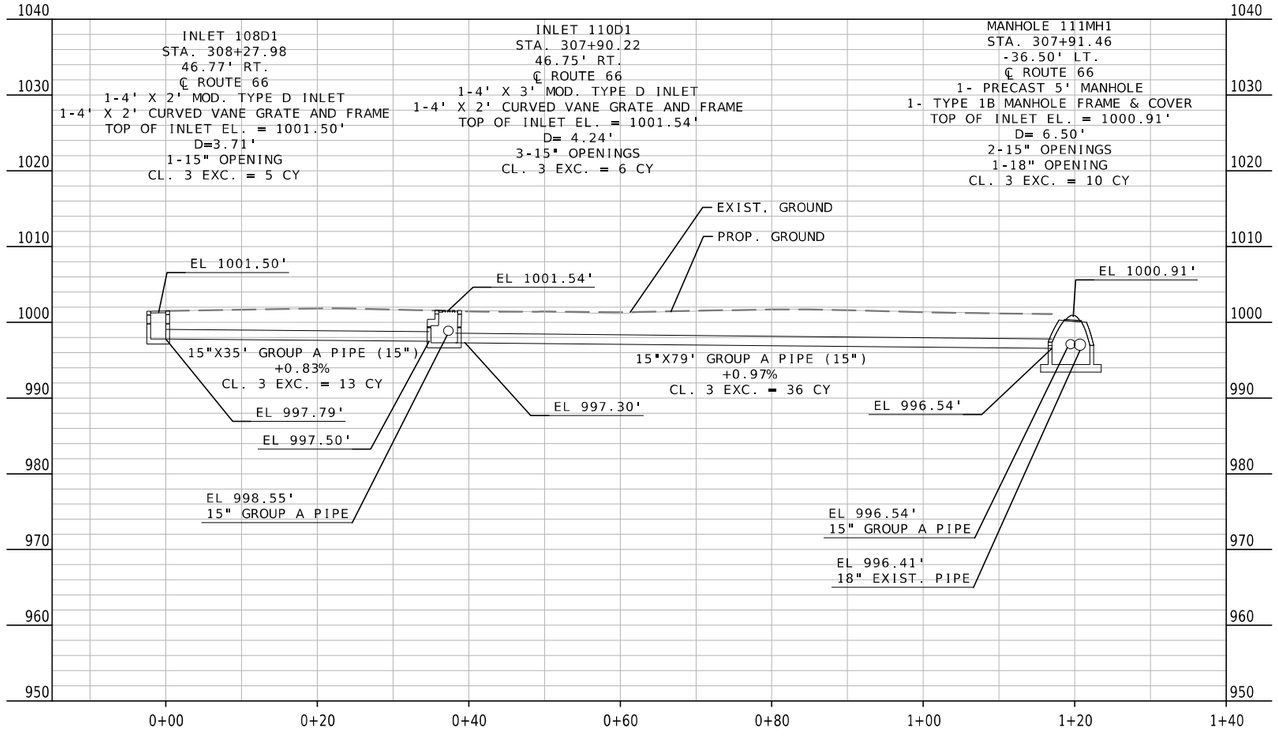

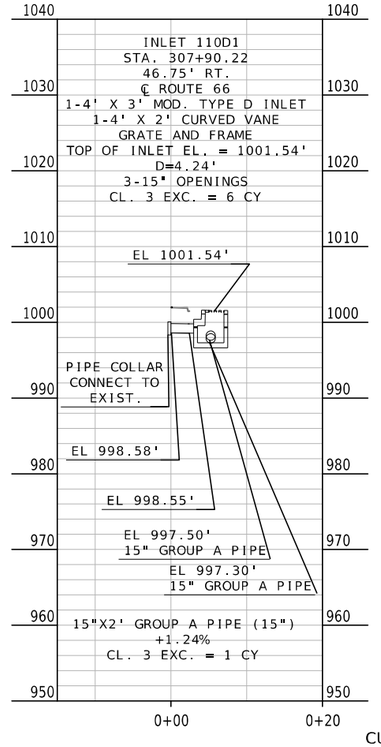

CULVERT SHEET
SHEET 1 OF 15

STATE OF MISSOURI
PROFESSIONAL ENGINEER
MELISSA ANN WILBERS
NUMBER PE-2007002853
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	144

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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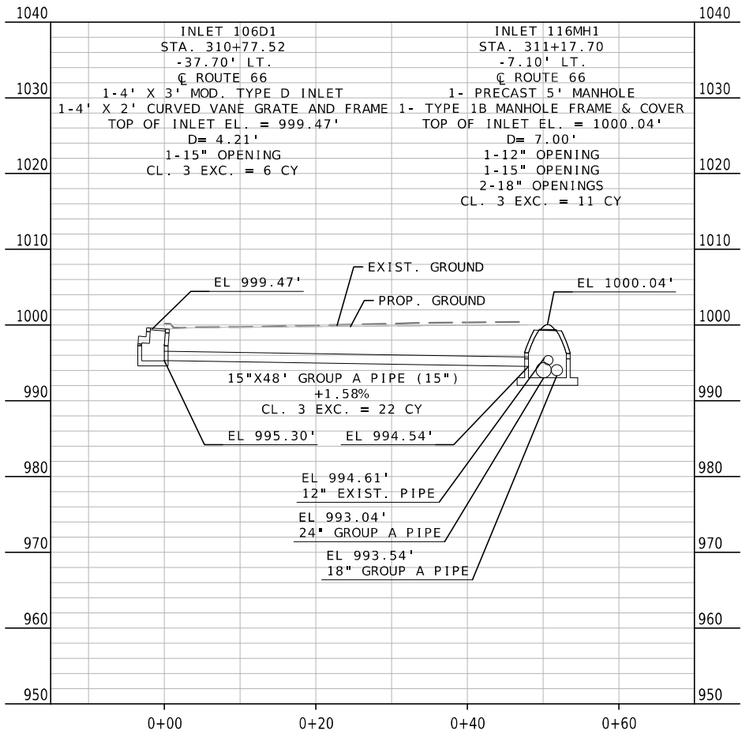
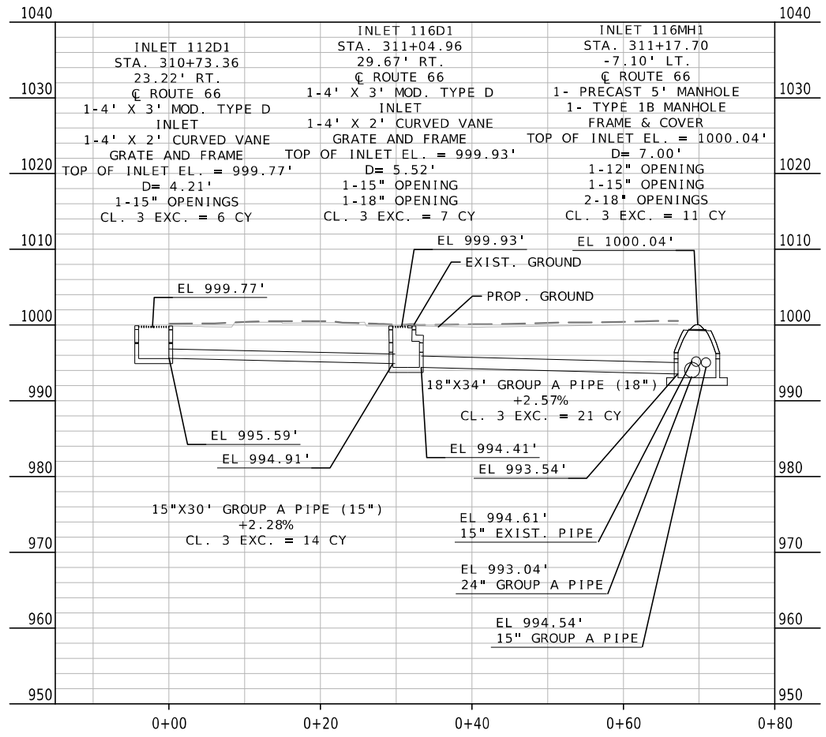
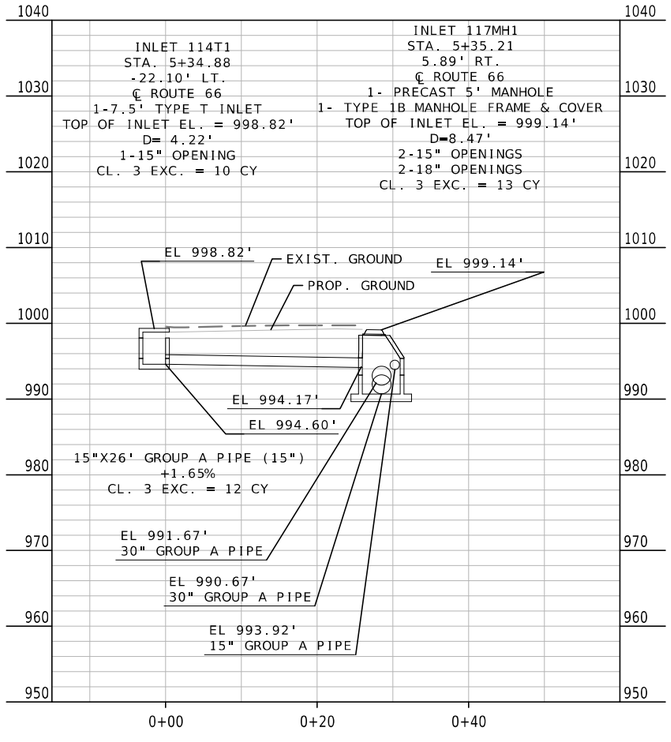
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

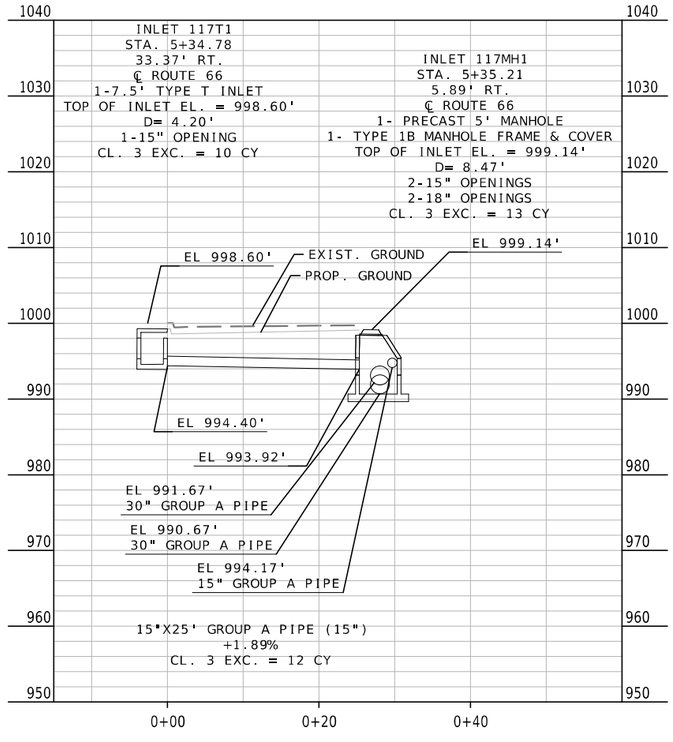
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









CULVERT SHEET
SHEET 2 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	145

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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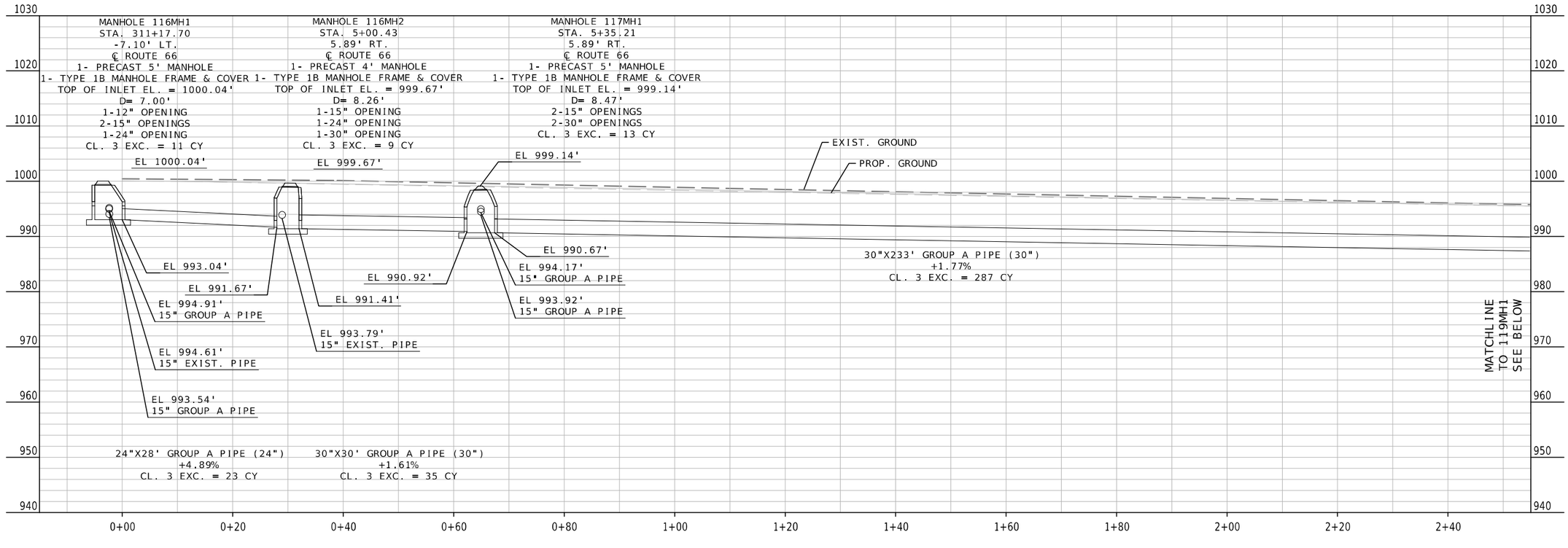
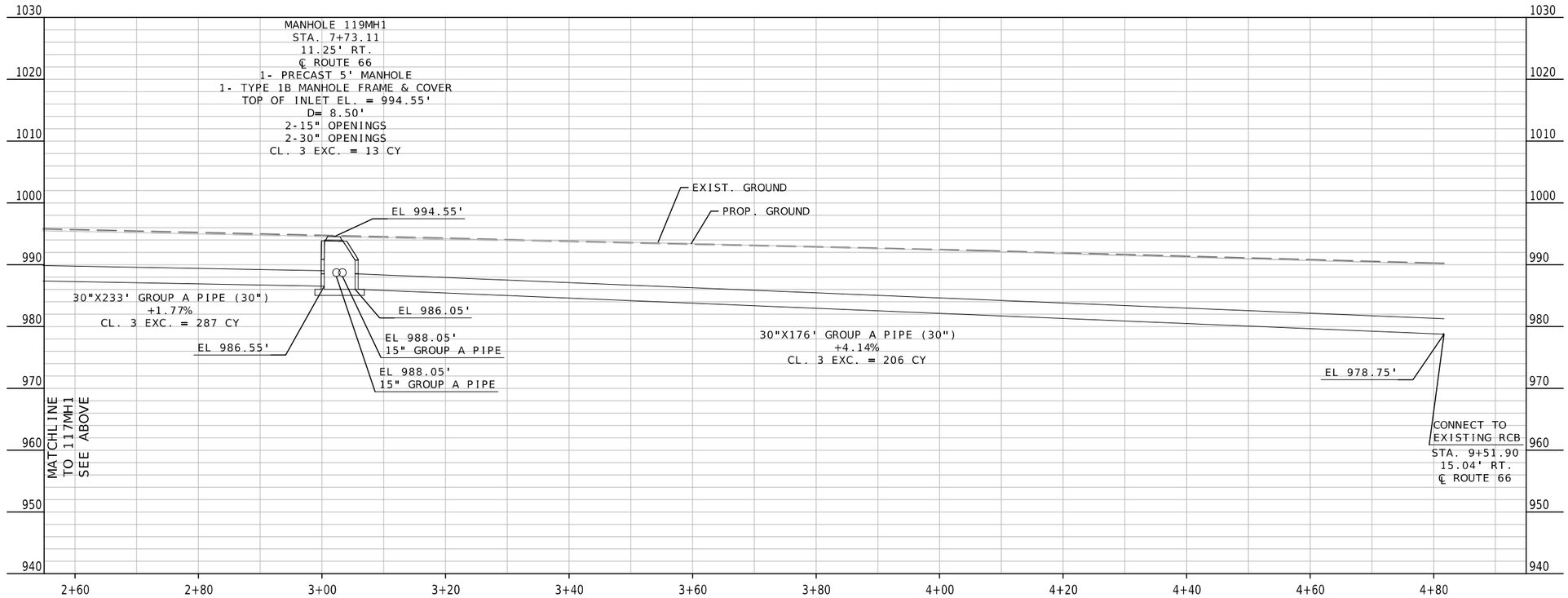
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 05101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





CULVERT SHEET
SHEET 3 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	146

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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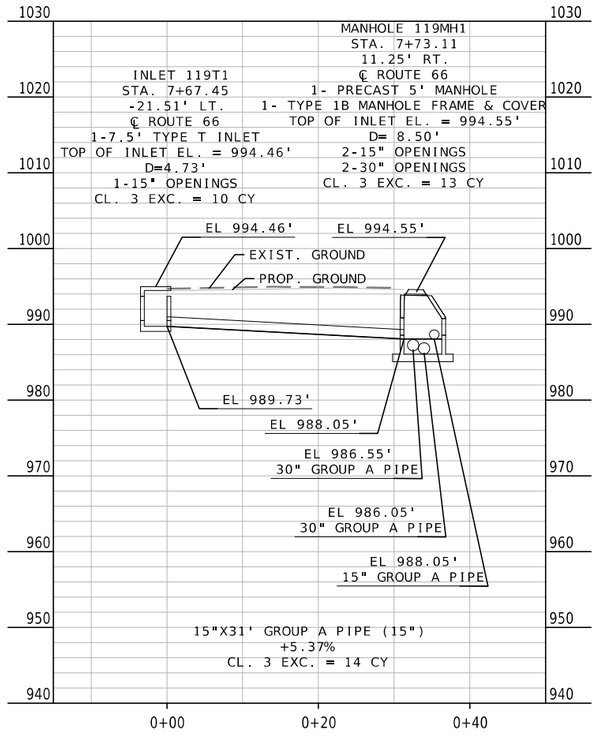

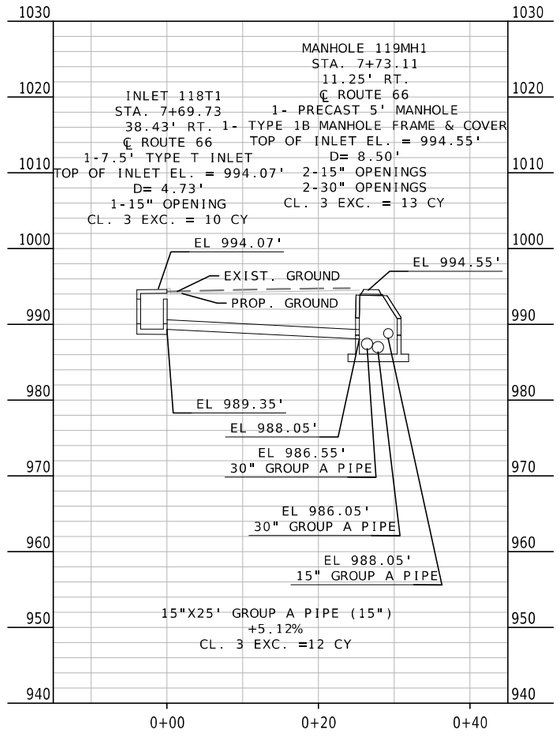

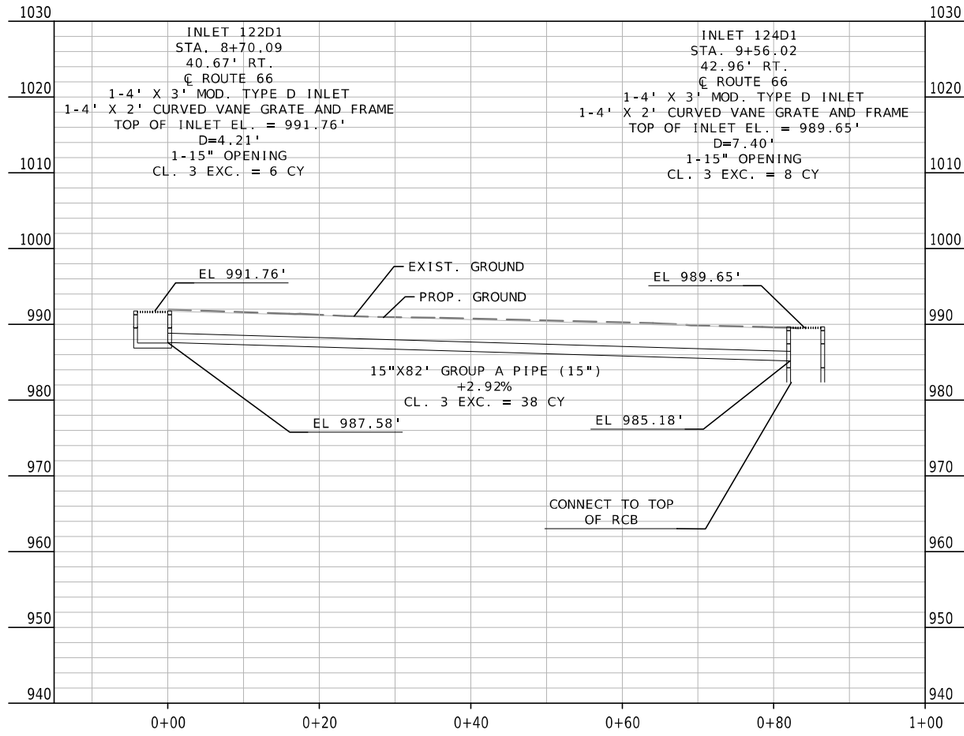

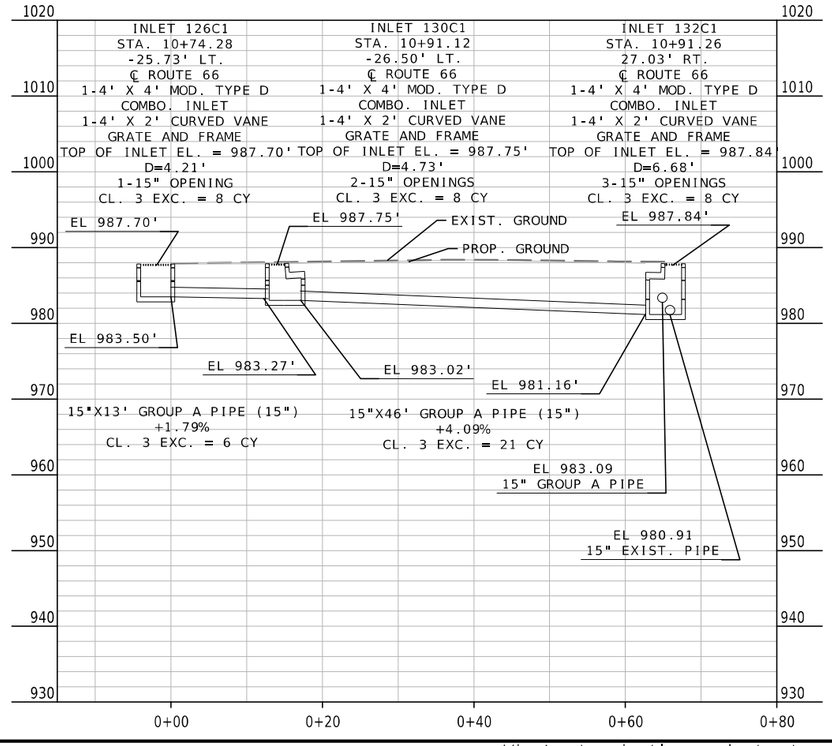

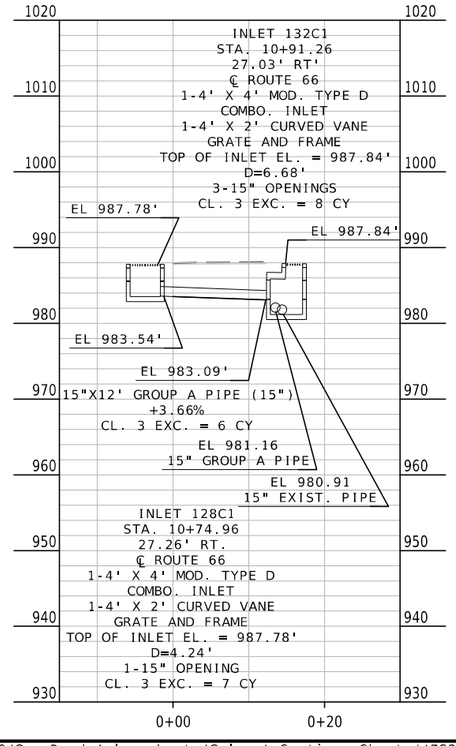

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	147

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 05101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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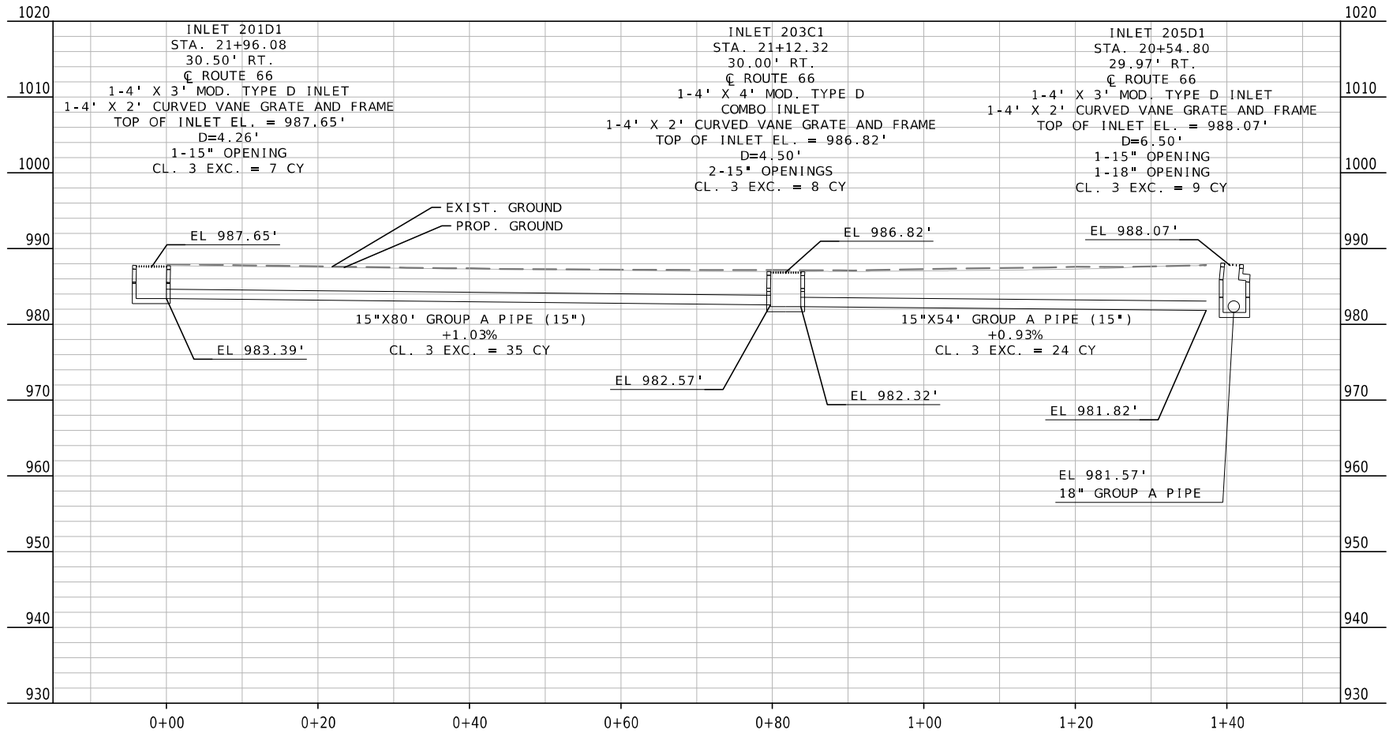
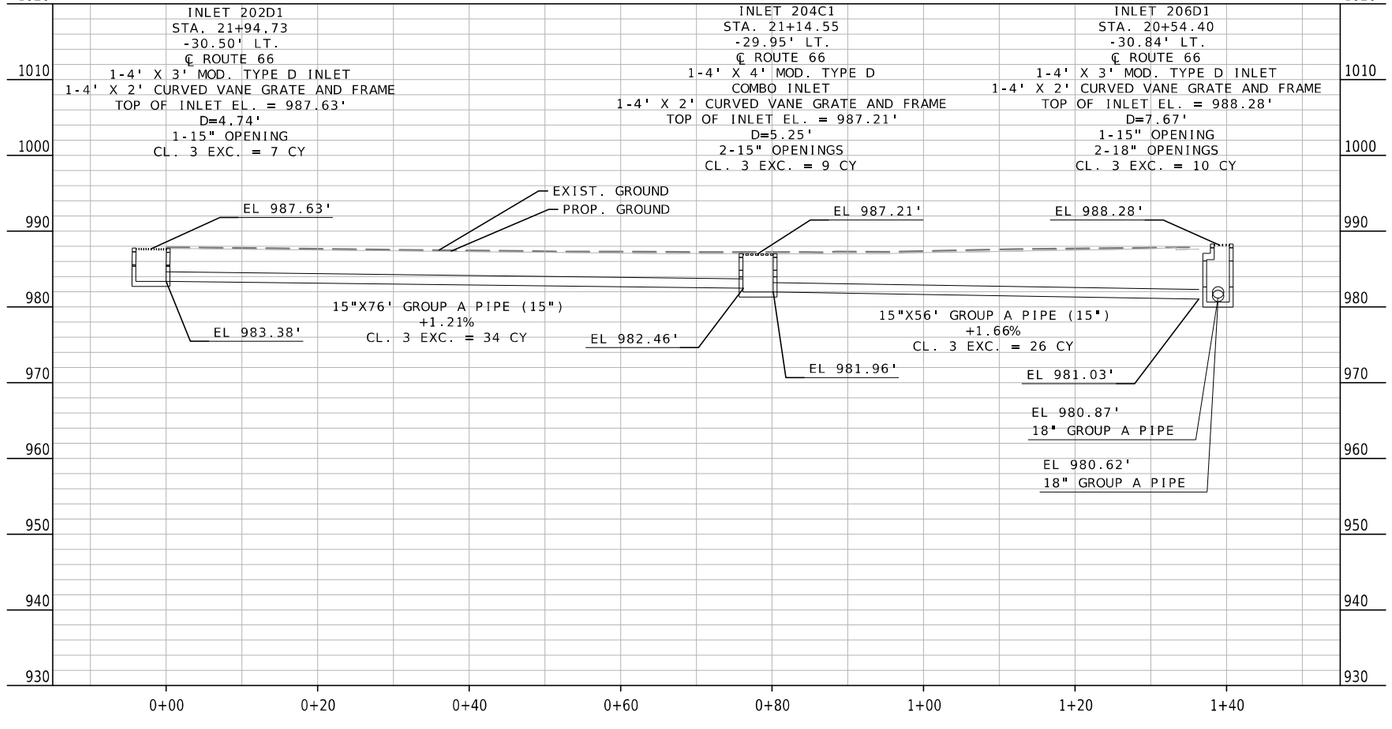
CULVERT SHEET
SHEET 4 OF 15





STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	148

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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105 WEST CAPITOL
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Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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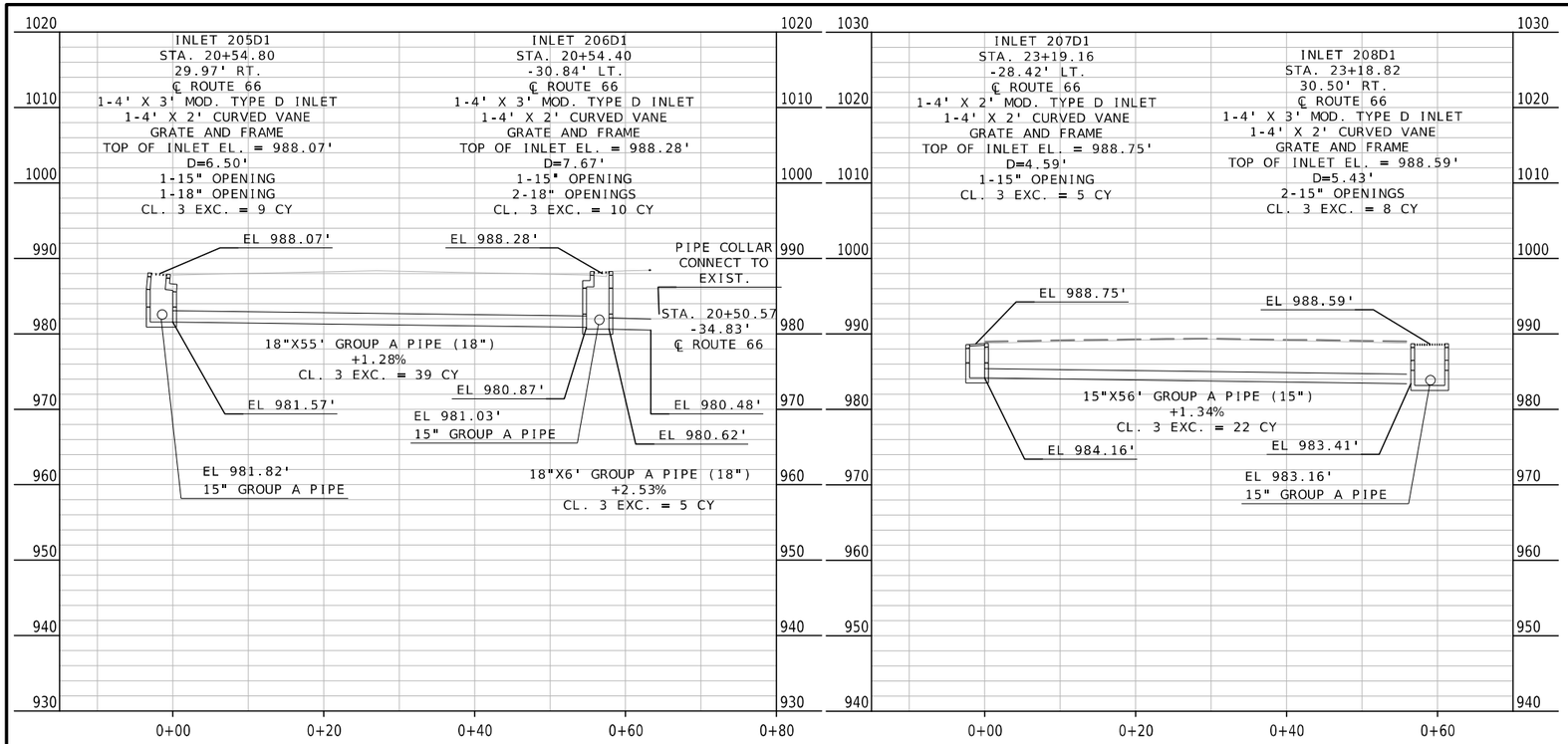
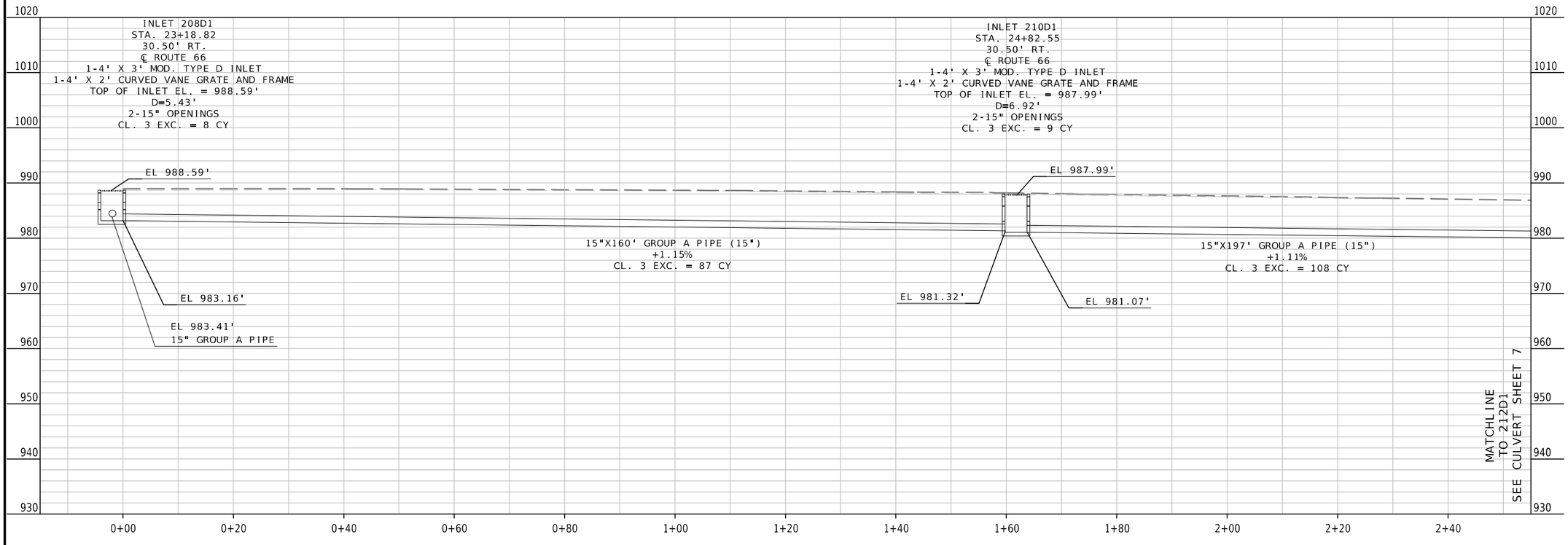
pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.900/OpenRoads/plan_sheets/Culvert Sections Sheets/J7S2185D_Final/148_CS_05_J7S2185D.dgn 9:40:19 PM 8/3/2025





CULVERT SHEET
SHEET 6 OF 15

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	149

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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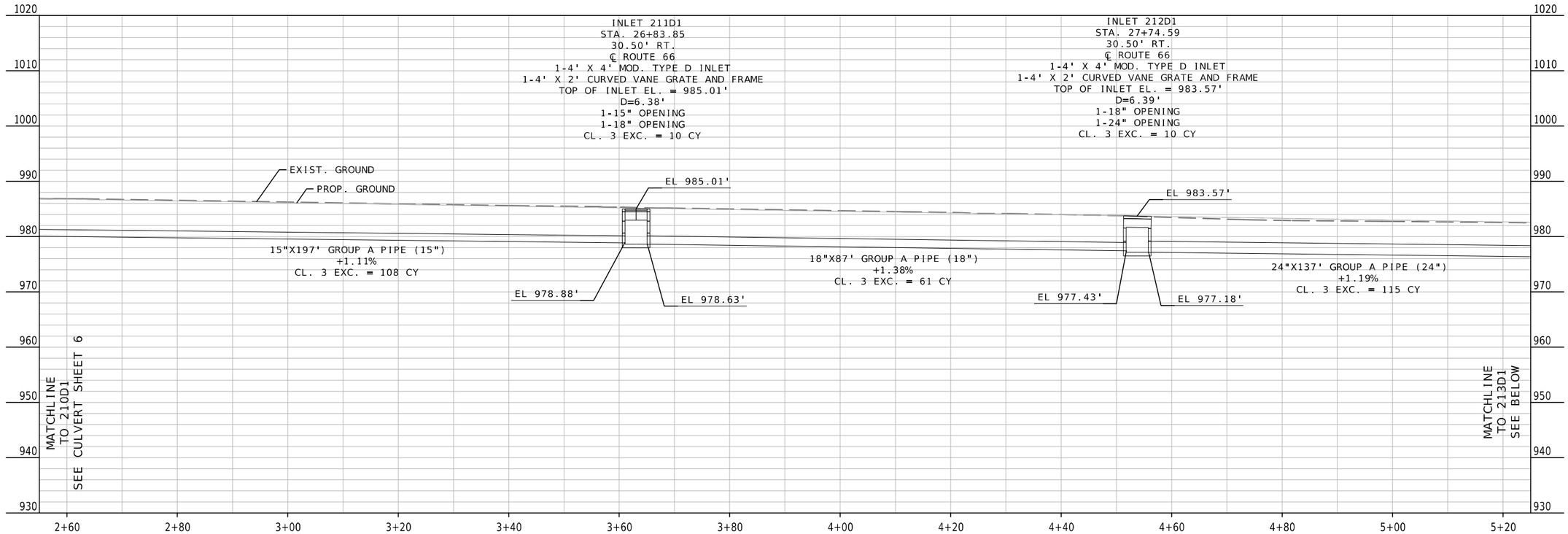

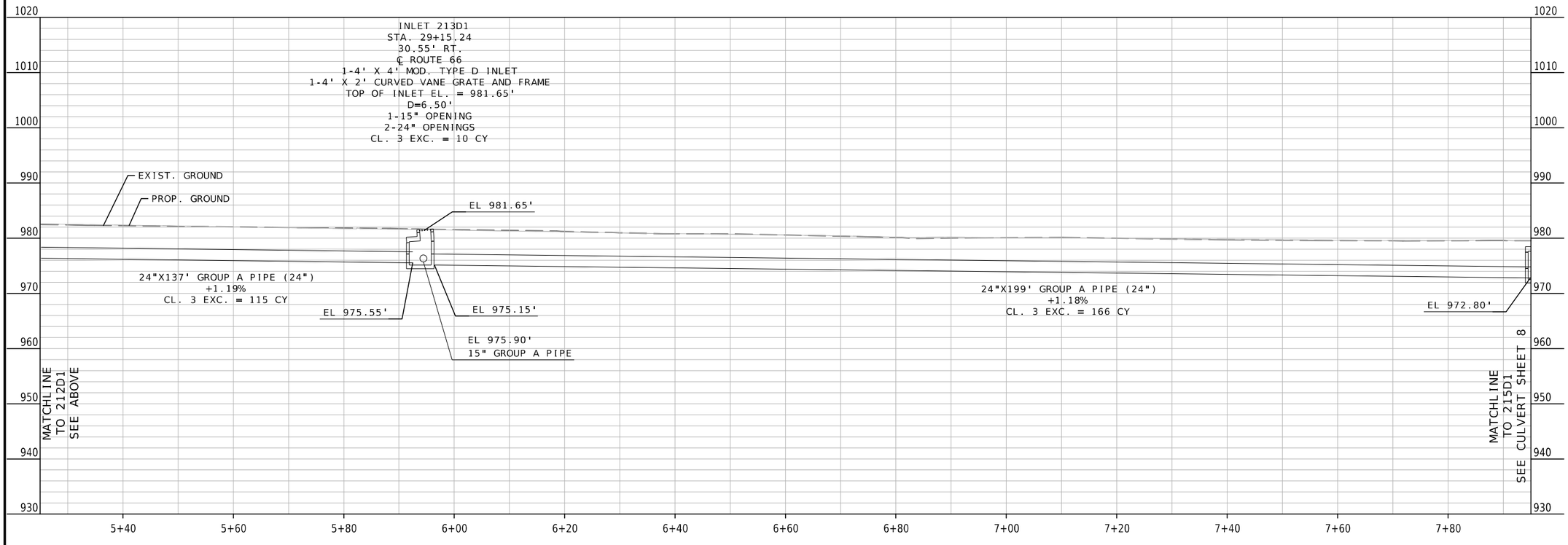

CULVERT SHEET
SHEET 7 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	150

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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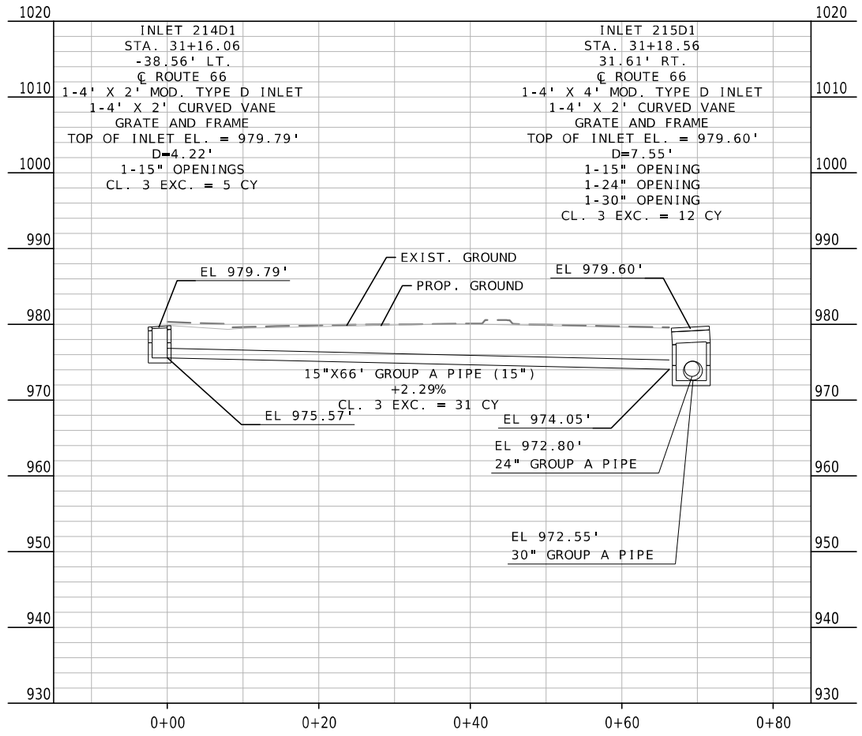
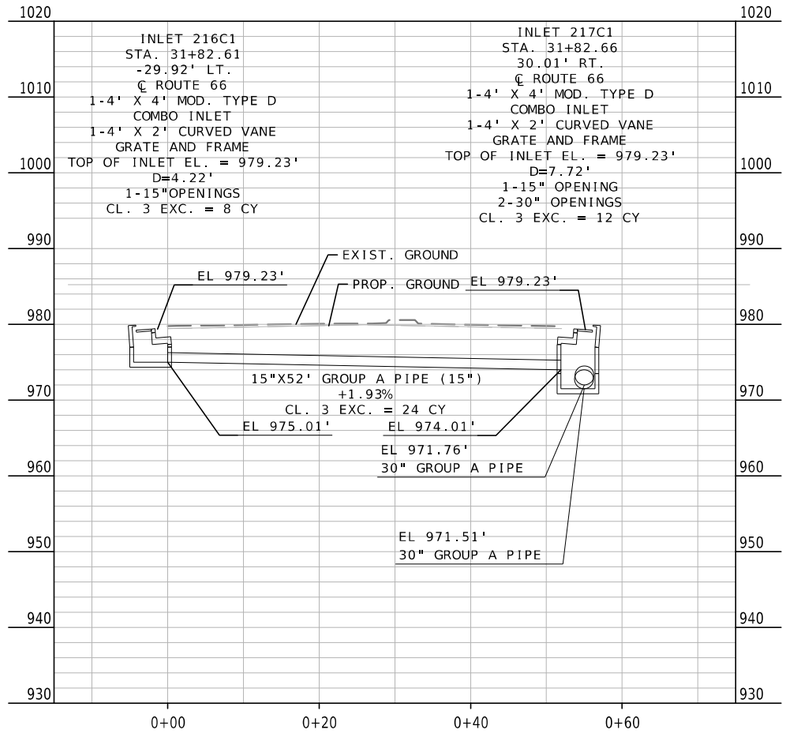
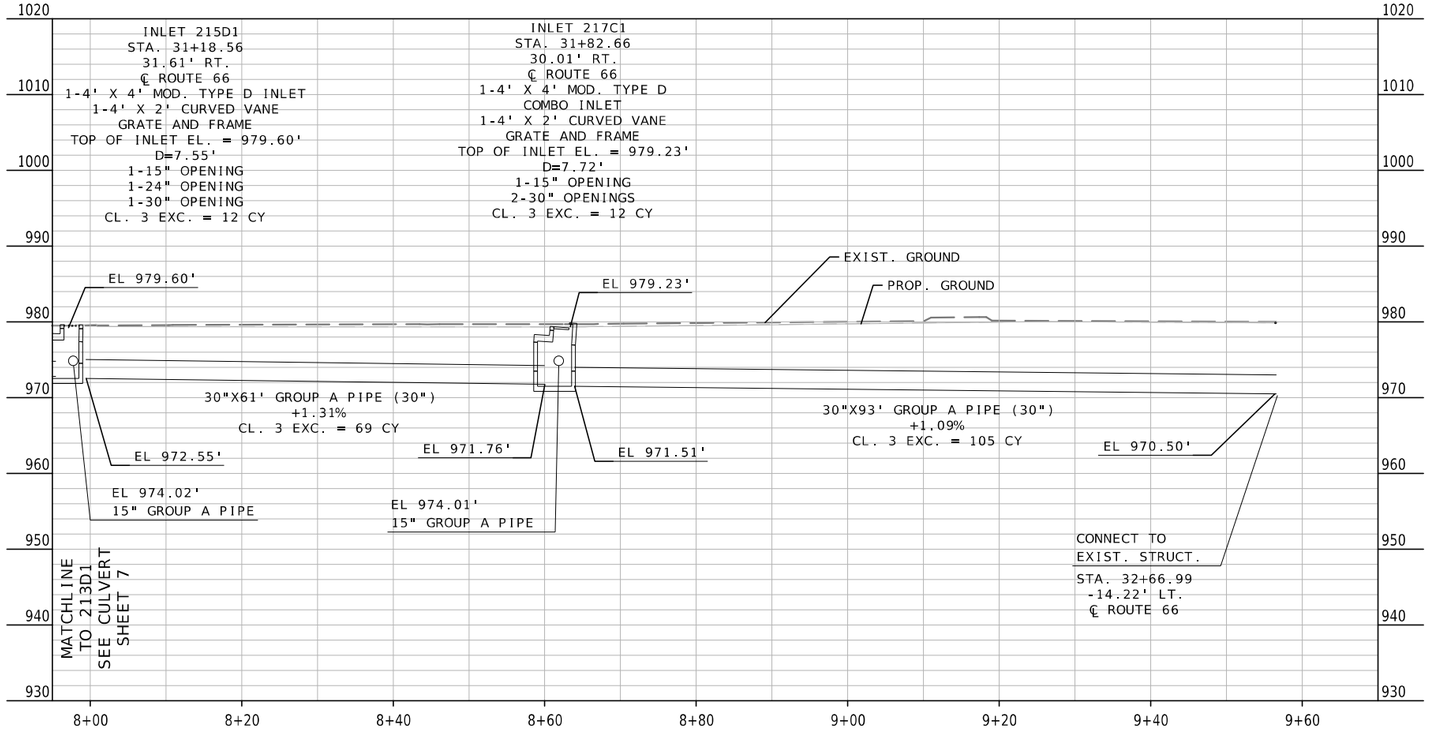
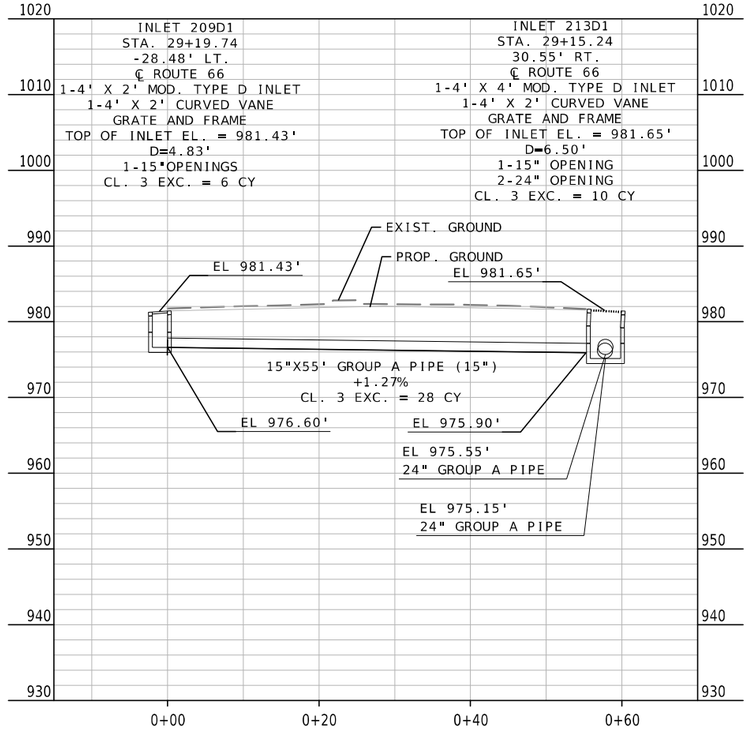
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	151

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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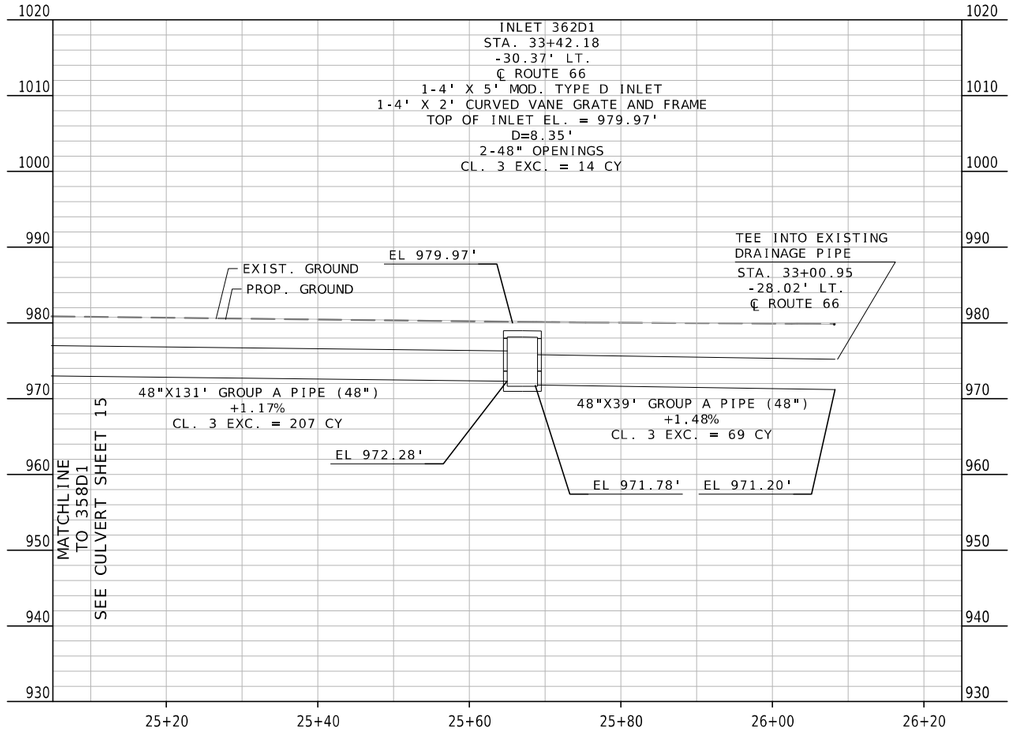
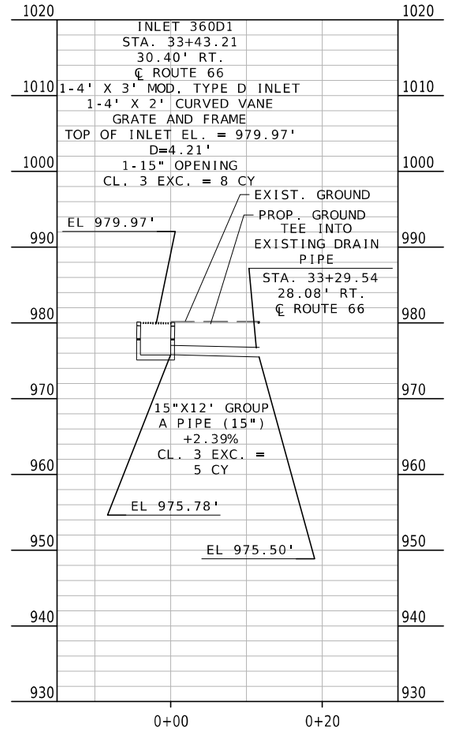
pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.900/OpenRoads/plan_sheets/Culvert Sections Sheets/J7S2185D_Final/151_CS_08_J7S2185D.dgn 9:41:56 PM 8/3/2025





CULVERT SHEET
SHEET 9 OF 15

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	152

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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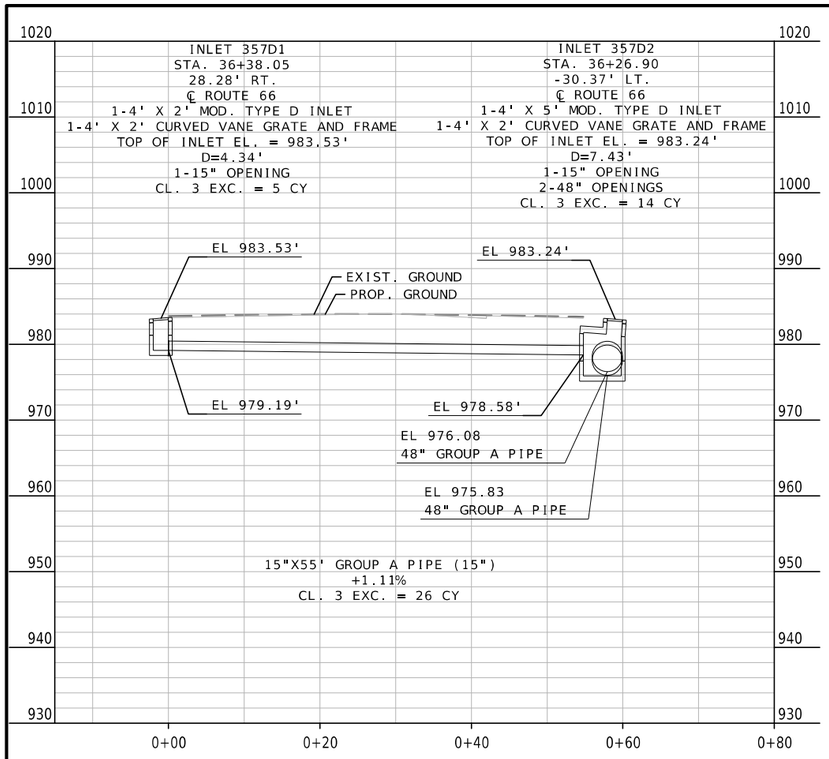

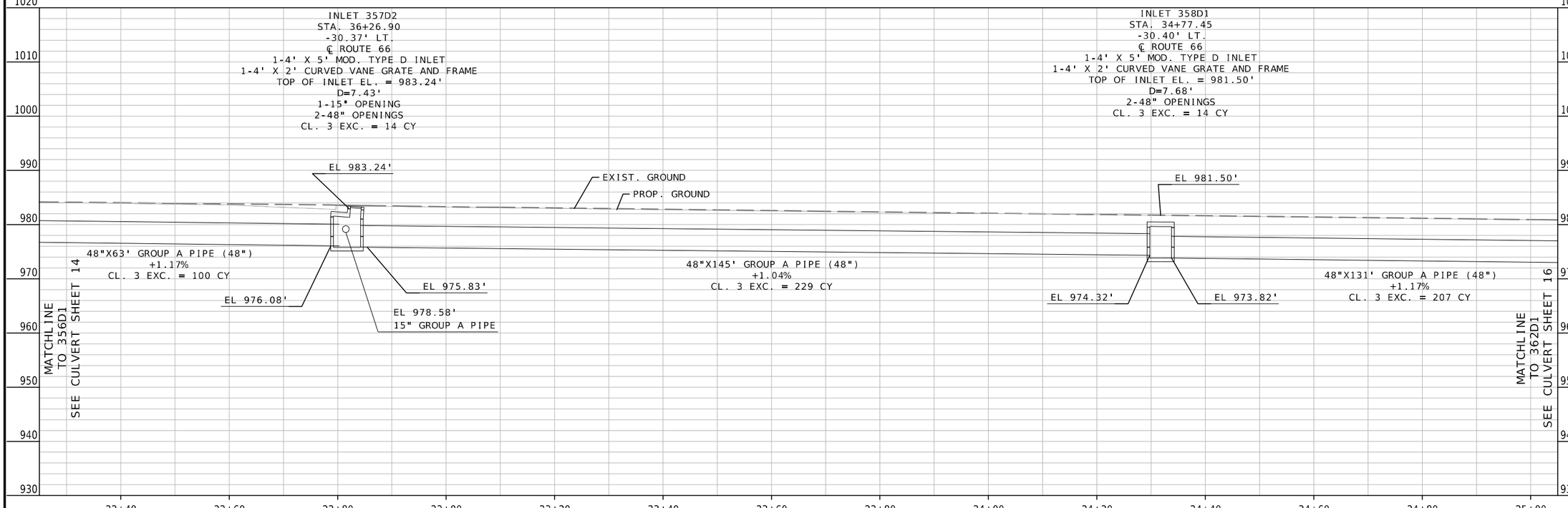

CULVERT SHEET
SHEET 10 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	153

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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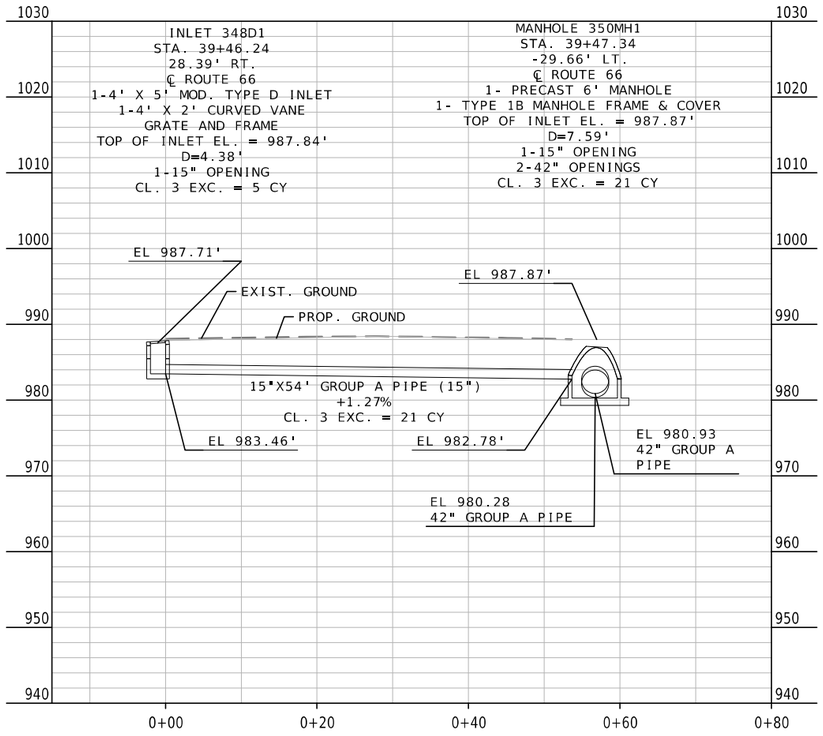

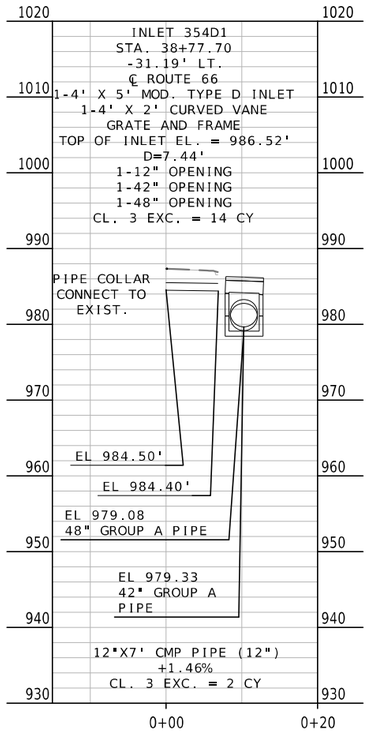

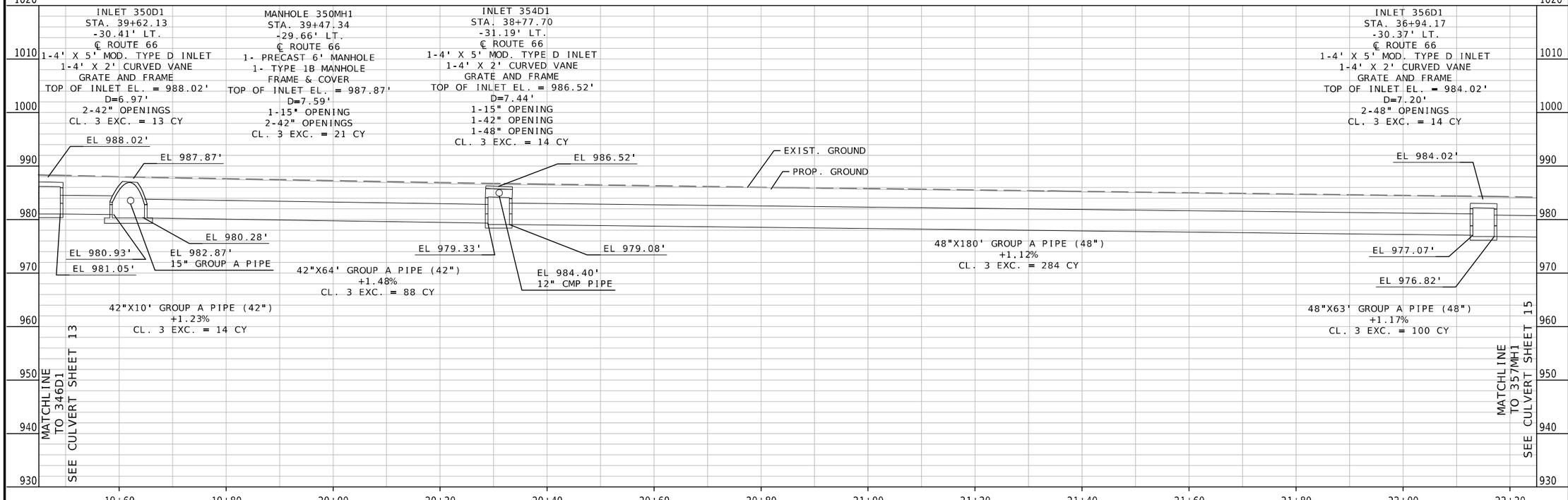

CULVERT SHEET
SHEET 11 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	154

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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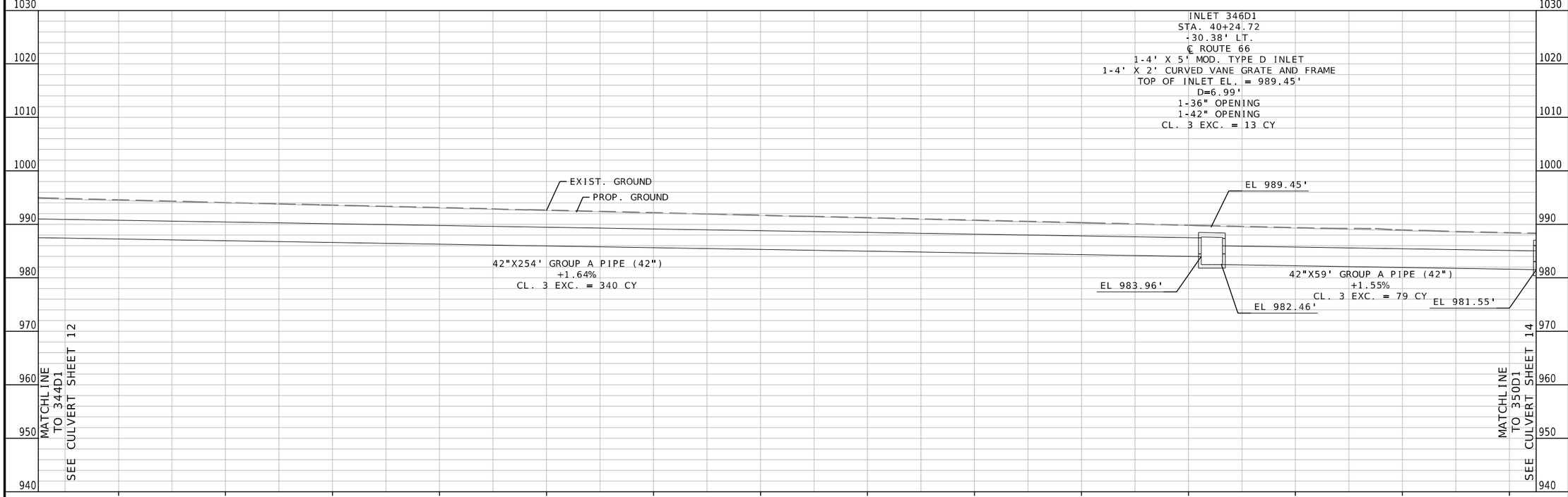

CULVERT SHEET
SHEET 12 OF 15

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

MELISSA ANN WILBERS
NUMBER PE-2007002853
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	155

COUNTY
JASPER

JOB NO.
J7S2185D

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PROJECT NO.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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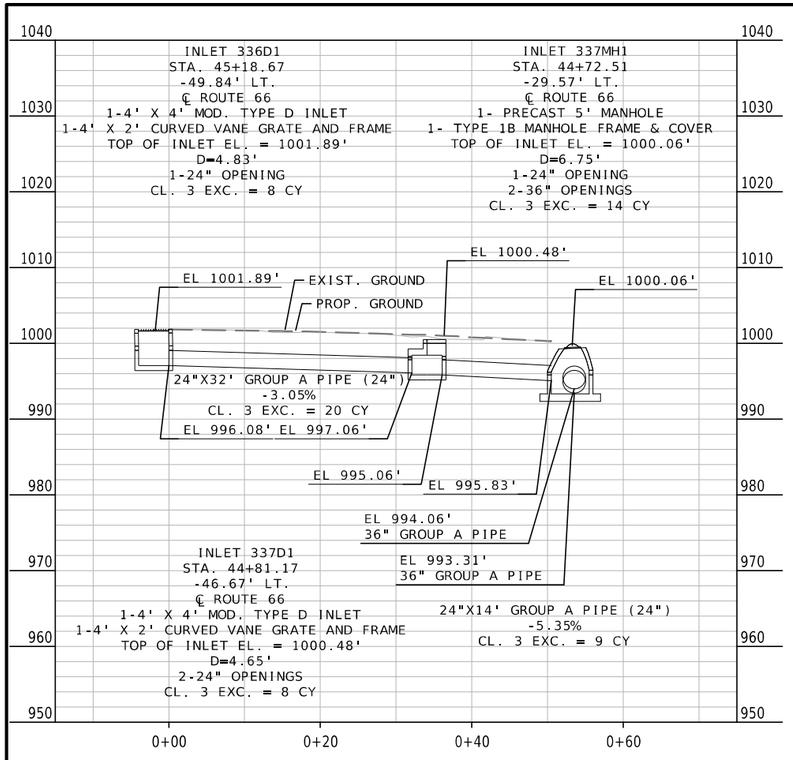

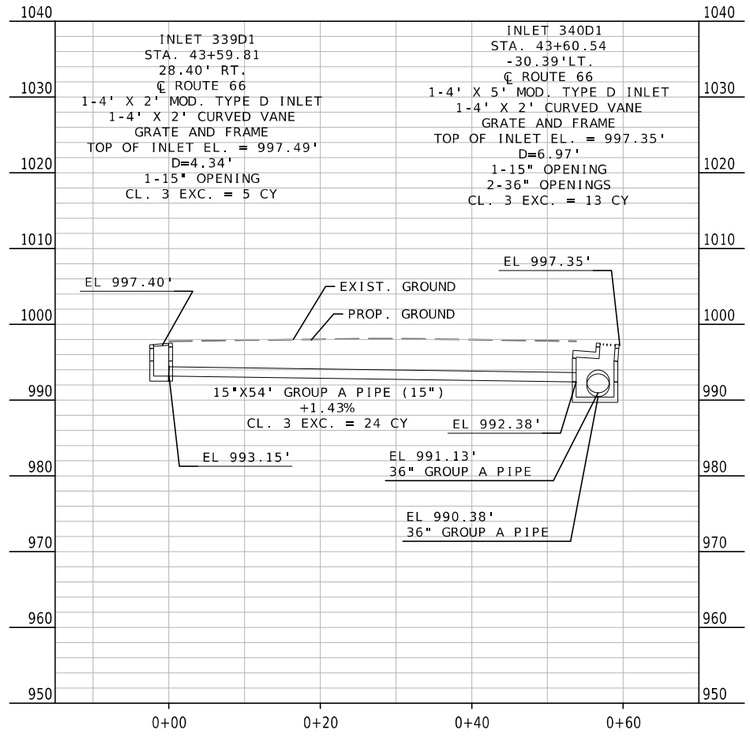

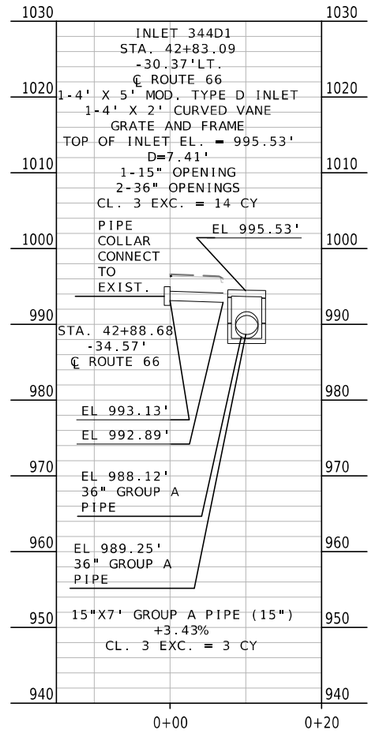

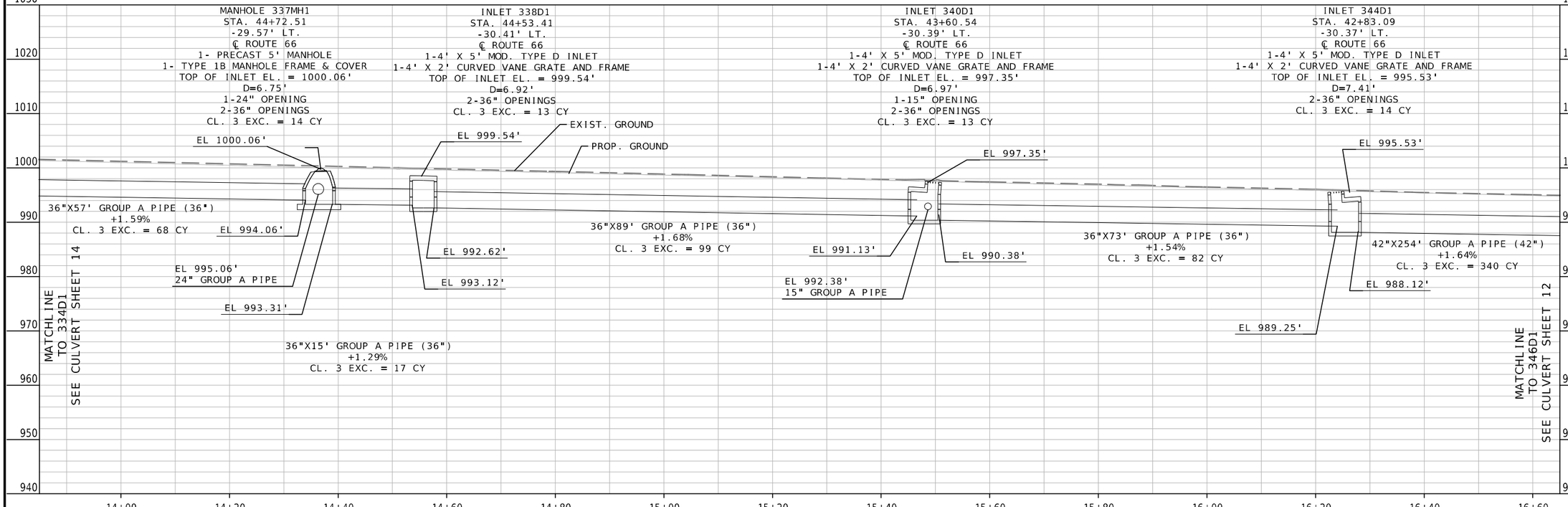

CULVERT SHEET
SHEET 13 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	156

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.
.

PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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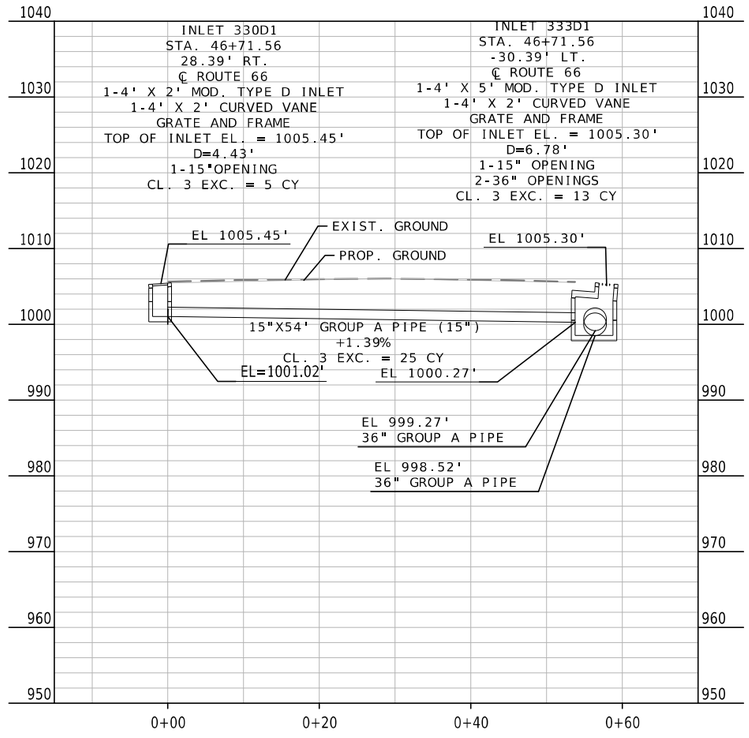

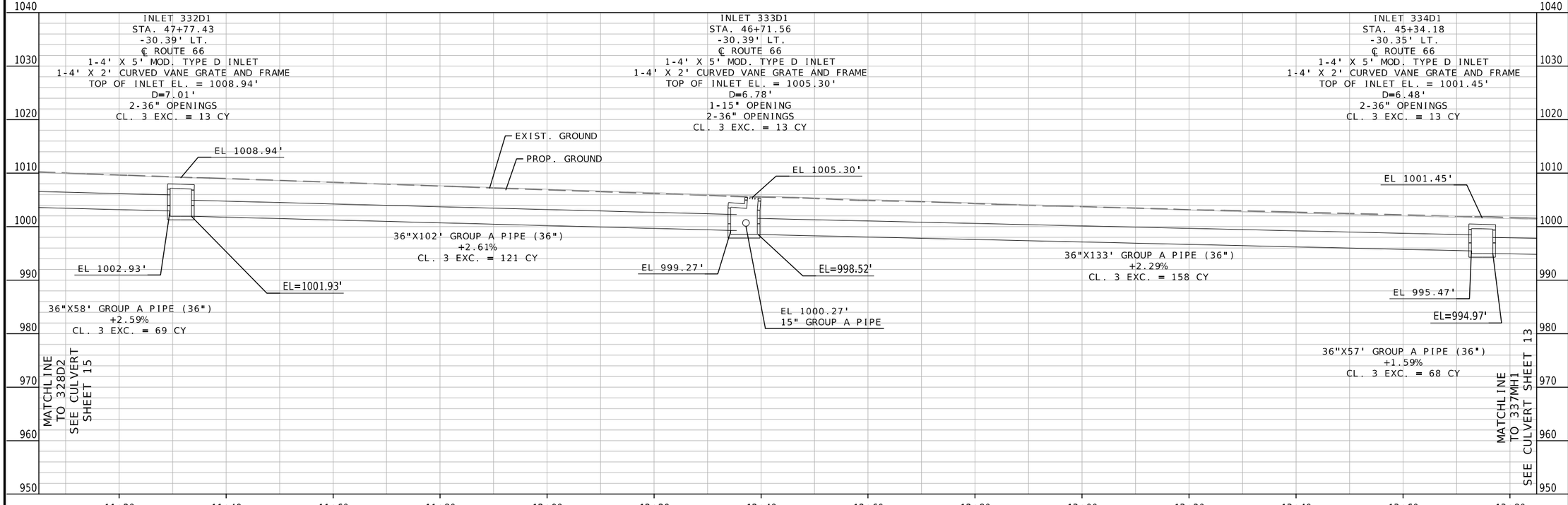

CULVERT SHEET
SHEET 14 OF 15

STATE OF MISSOURI
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66	MO
DISTRICT	SHEET NO.
SW	157

COUNTY
JASPER

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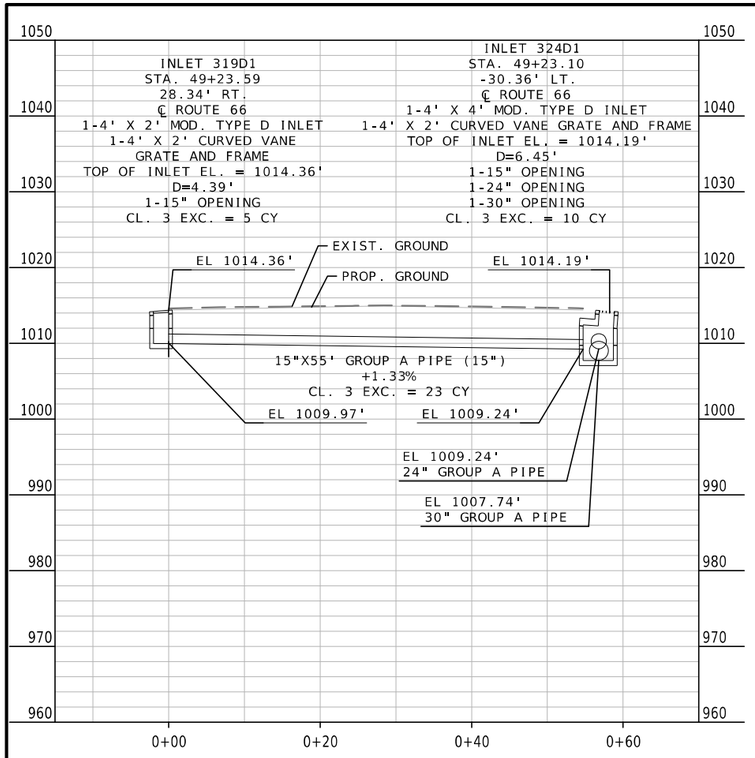

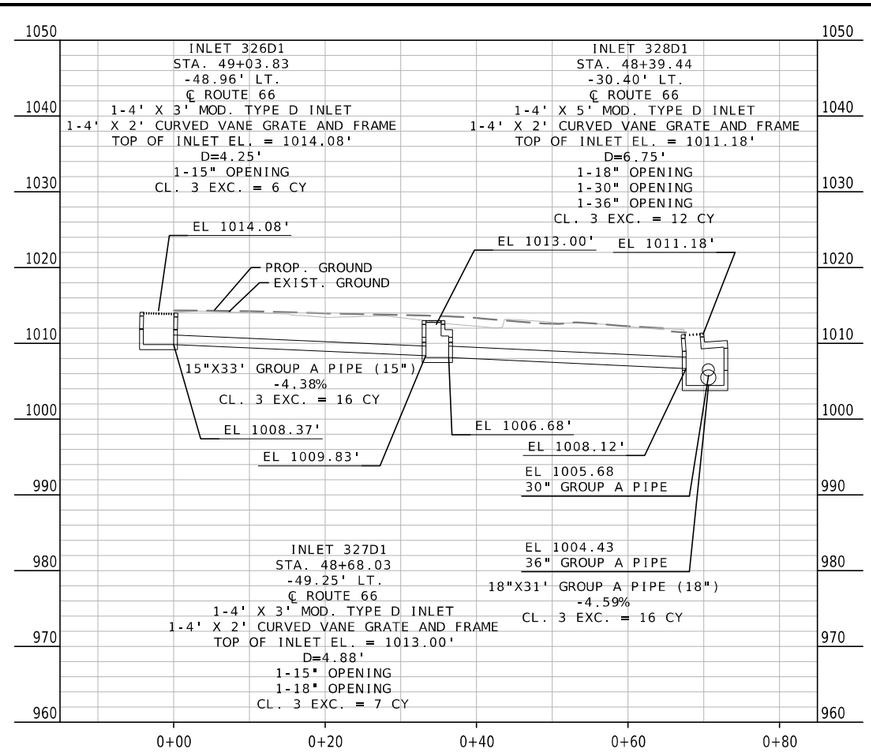

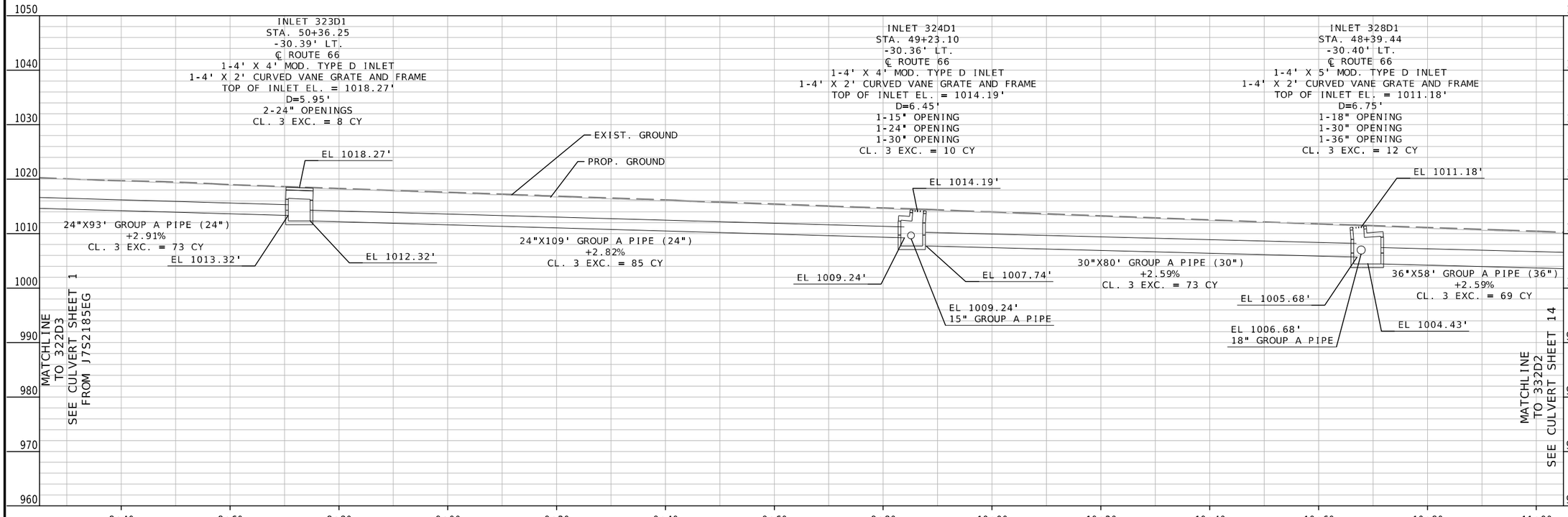

CULVERT SHEET
SHEET 15 OF 15

STATE OF MISSOURI
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66	MO
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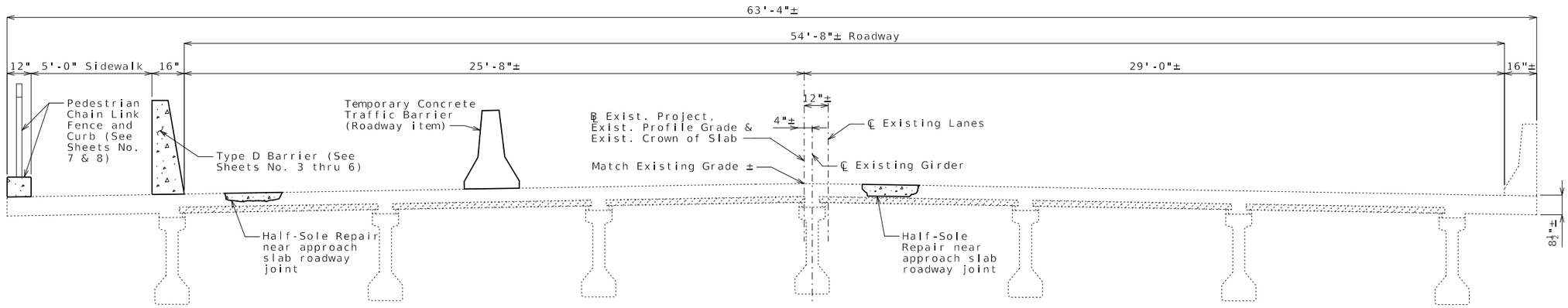
SEC/SUR 1 TWP 27N RGE 33W

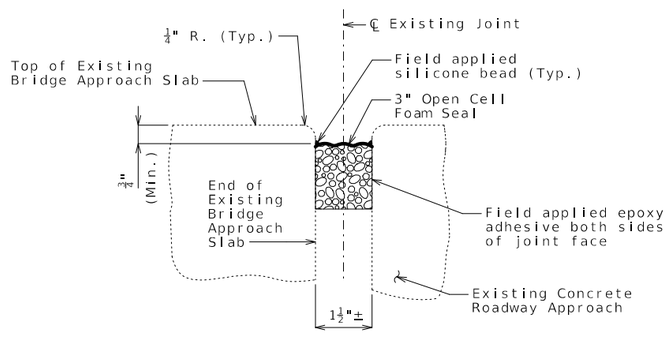
U.I.P. AND REHABILITATE EXISTING (52'-58'-55'-55'-58'-52') PRESTRESSED CONCRETE I-GIRDER SPANS



Estimated Quantities

	Item		Total
	Removal of Existing Decorative Fence	linear foot	963
	Removal of Existing Barrier	linear foot	963
	(72 in.) Pedestrian Fence (Structures)	linear foot	629
	(120 in.) Pedestrian Fence (Structures)	linear foot	332
	Type D Barrier	linear foot	918
	Pedestrian Curb	linear foot	333
	Type D Barrier Transition	linear foot	46
	Substructure Repair (Formed)	sq. foot	30
	Half-Sole Repair	sq. foot	50
	Epoxy Pressure Injecting	linear foot	20
*	Barrier Repair	linear foot	12
	Concrete Coping Repair	sq. foot	20
	Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
*	Cleaning of Existing Drainage System	lump sum	1
	Open Cell Foam Joint Seal	linear foot	127

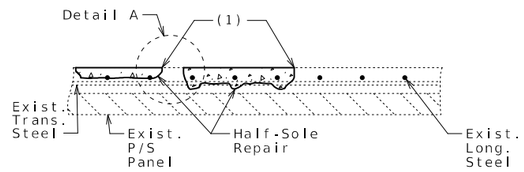
* See Special Provisions



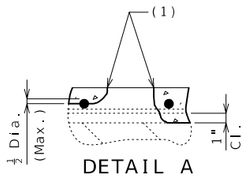
SECTION THRU JOINT AT END OF EXISTING APPROACH SLAB

Extend seal 3" past edges of slab

TYPICAL SECTION THRU EXISTING DECK



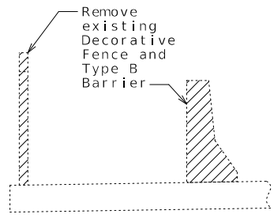
HALF-SOLE REPAIR



DETAIL A

Clearance around top bar and around bottom bar at the intersection of top bar shall be required when more than half the diameter of the top bar is exposed.

(1) 1" vertical side shall be established outside the deteriorated area.



PART SECTION THRU STRUCTURE SHOWING REMOVAL LIMITS OF LEFT BARRIER AND DECORATIVE FENCE

Existing bars or bolts shall be removed completely or removed to 1" below the concrete surface and resultant hole shall be filled with qualified mortar, if required.

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7

Design Loading:

HS20 Modified (1992) (Existing & New Construction)

Design Unit Stresses:

Class B-1 Concrete (Barrier & Curb) f'c = 4,000 psi

Class B-2 Concrete (Half-Sole) f'c = 4,000 psi

Reinforcing Steel (ASTM A615 Grade 60) fy = 60,000 psi

Joint Filler:

All joint filler shall be in accordance with Sec 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Concrete Protective Coating:

Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Open Cell Joint Seal:

Open Cell foam joint seal size (width and depth) shall be determined by the manufacturer. Manufacturer recommended seal size shall meet the movement and installation gap requirements and skew effect.

MoDOT construction personnel will record the manufacturer and seal name that was used.

Miscellaneous:

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before finalizing the shop drawings.

The area exposed by the removal of concrete and not covered with new concrete shall be coated with an approved special mortar in accordance with Sec 704.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE 66 OVER BNSF R.R., CPKC R.R. & JOPLIN CREEK

ROUTE 66 FROM ROUTE 43 TO ROUTE 249
ABOUT 0.3 MILE EAST OF ROUTE 43
BEGINNING STATION 13+57.09± (Match Existing)

STATE OF MISSOURI
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DATE PREPARED 8/18/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
BR	1

COUNTY JASPER

JOB NO. J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A59611

DESCRIPTION	DATE

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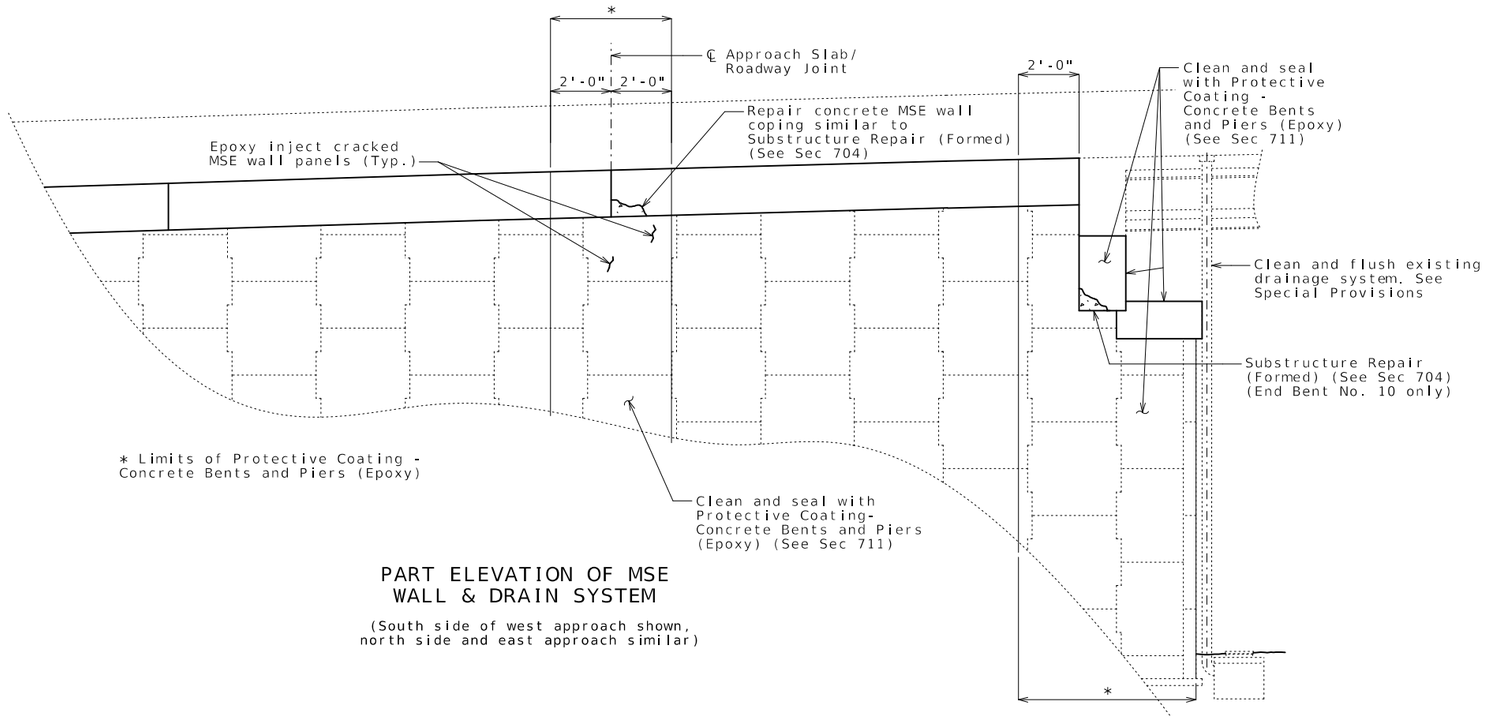

PART ELEVATION OF MSE
WALL & DRAIN SYSTEM

(South side of west approach shown,
north side and east approach similar)



SECTION OF RIGHT
BARRIER SHOWING REPAIR

REHAB DETAILS

Detailed Feb. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

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66	MO
DISTRICT	SHEET NO.
BR	2

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JASPER

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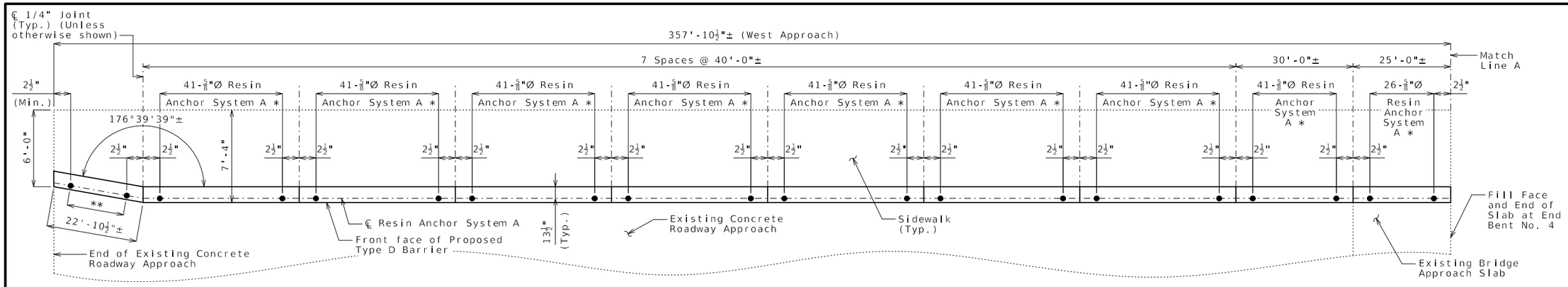

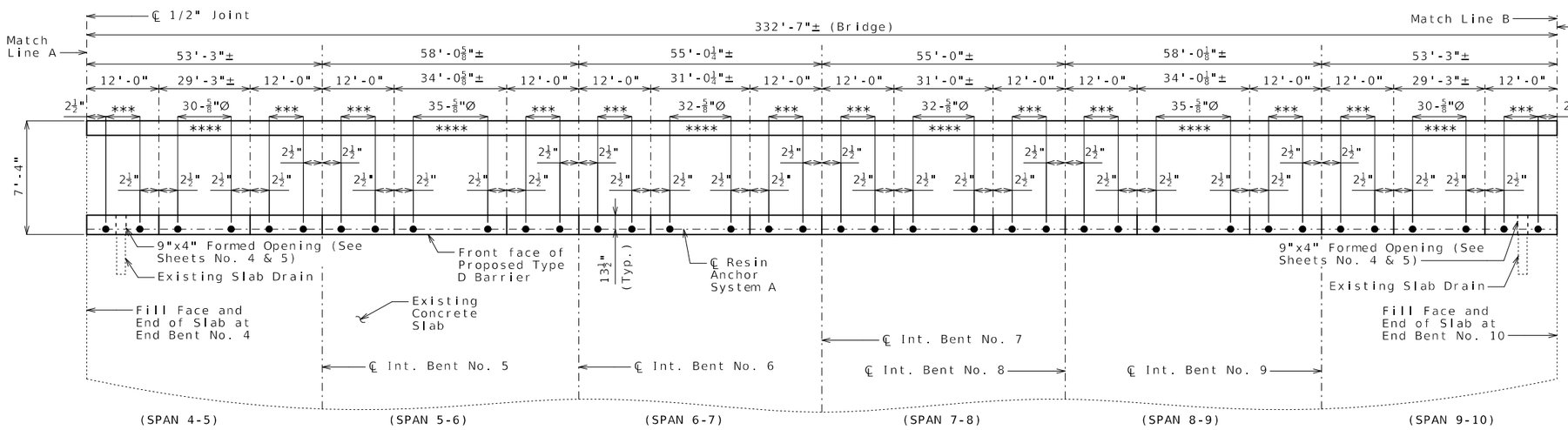

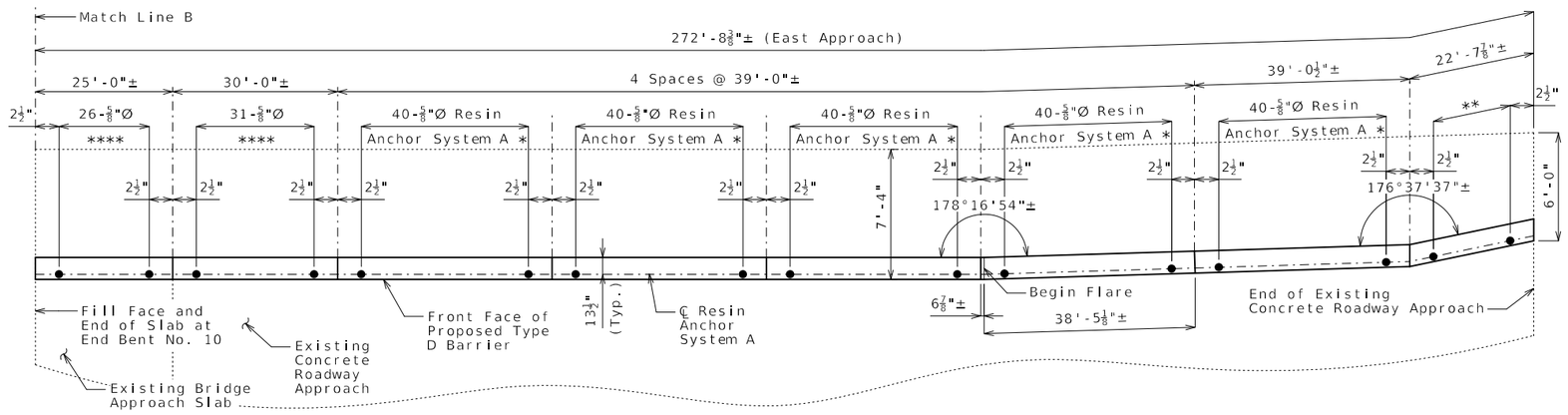

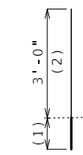

(1) Manufacturer's recommended embedment length (5" min.)

(2) Field bend bar to maintain 2 3/4" clear cover to roadway face of barrier.

DETAILS OF RESIN ANCHOR SYSTEM A

(951 Req'd)

* at about 12" cts.

** 24-5/8"Ø Resin Anchor System B at about 12" cts.

*** 13-5/8"Ø Resin Anchor System A at about 12" cts.

**** Resin Anchor System A at about 12" cts.

PART PLAN OF SLAB SHOWING LOCATION OF RESIN ANCHOR SYSTEM A

Notes:

Work this sheet with Sheets No. 4 thru 6.

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Prior to placement of new barrier concrete on existing bridge deck and approach slab, the existing concrete shall be thoroughly cleaned of all dirt, debris, oil, and any other foreign matter for the width of barrier plus 3" on each side prior to placing barrier concrete by pressure washing, sand blasting, or other approved methods. This work is considered completely covered by the contract unit price for Type D Barrier and Type D Barrier Transition.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

For details of Chain Link Pedestrian Fence and Pedestrian Curb, see Sheets No. 7 & 8.

Contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Type D Barrier.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039, but shall not be less than 5".

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8"Ø threaded rod.

Detailed Jan. 2025
Checked Feb. 2025

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66	MO
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BR	3

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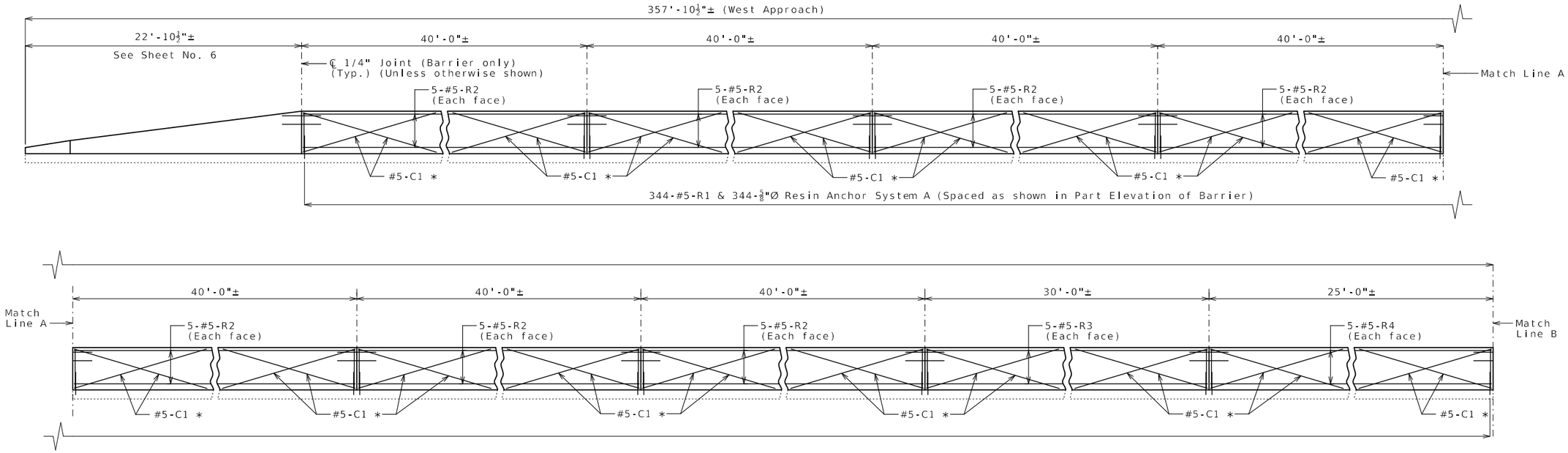

DEVELOPED ELEVATION OF BARRIER

Longitudinal dimensions are horizontal.

Note: Work this sheet with Sheets No. 3, 5 & 6.

TYPE D BARRIER

Detailed Jan. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

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BR	4

COUNTY: JASPER
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PROJECT NO.:
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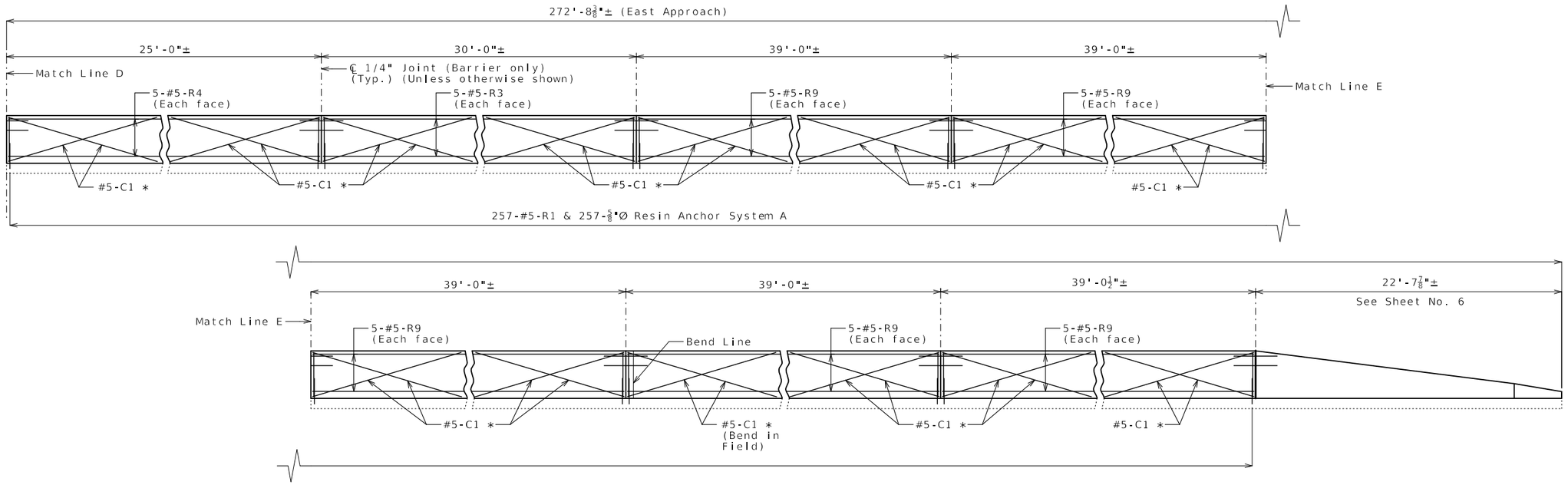
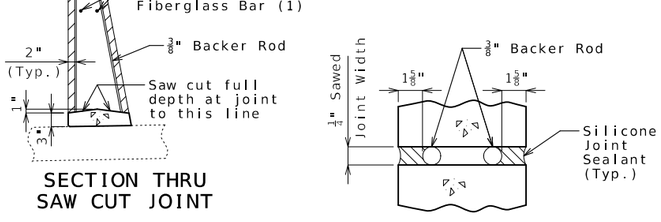


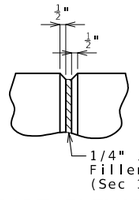
DEVELOPED ELEVATION OF BARRIER

Longitudinal dimensions are horizontal.

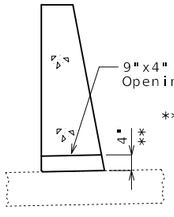


SECTION THRU SAW CUT JOINT

SECTION B-B



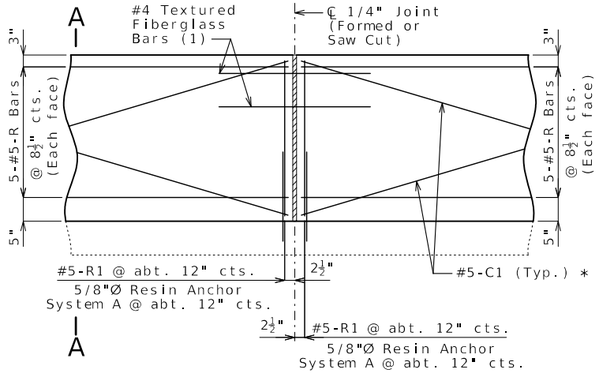
PART ELEVATION AT FORMED JOINT



** Contractor to omit the drilling for the resin anchor systems and the associated bar at locations of formed openings. Adjust location of formed opening as needed to not omit more than one bar per location.

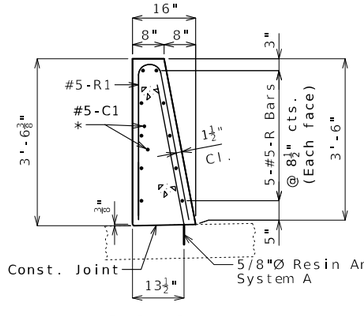
PART SECTION AT FORMED OPENING

(Reinforcing not shown for clarity.)



PART ELEVATION OF BARRIER

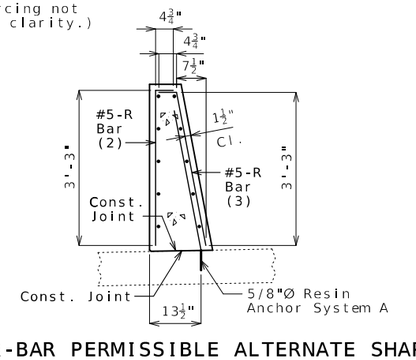
(1) Four feet long, centered on joint, slip-formed option only



SECTION A-A

Use a minimum lap of 3'-1" for #5 horizontal barrier bars.

The cross-sectional area above the slab is 3.52 square feet.



R-BAR PERMISSIBLE ALTERNATE SHAPE

(2) The R1 bar may be separated into two bars as shown, at the contractor's option, only when slip forming is not used. (All dimensions are out to out.)

General Notes:

* Slip-formed option only.

Conventional forming or slip forming may be used. Saw cut joints may be used with conventional forming.

Top of barrier shall be built parallel to grade and barrier joints normal to grade.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the contract unit price for Type D Barrier per linear foot.

Concrete in barrier shall be Class B-1.

Measurement of barrier is to the nearest linear foot for each structure, measured along the outside top of slab from end of MSE Wall to end of MSE Wall.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Type D Barrier.

Joint sealant and backer rods shall be in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

For slip-formed option, both sides of barrier shall have a vertically broomed finish and the top shall have a transversely broomed finish.

Work this sheet with Sheets No. 3, 4 & 6.

TYPE D BARRIER

Detailed Jan. 2025
Checked Feb. 2025

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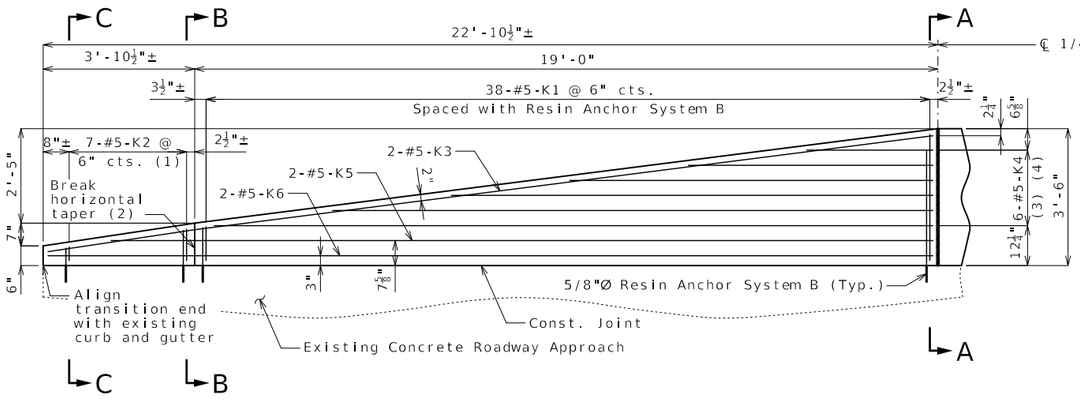
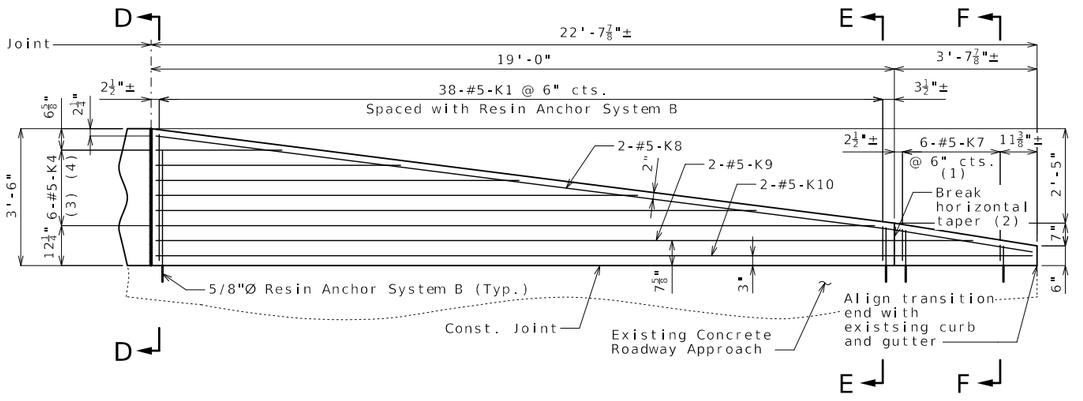


ELEVATION OF WEST APPROACH



ELEVATION OF EAST APPROACH

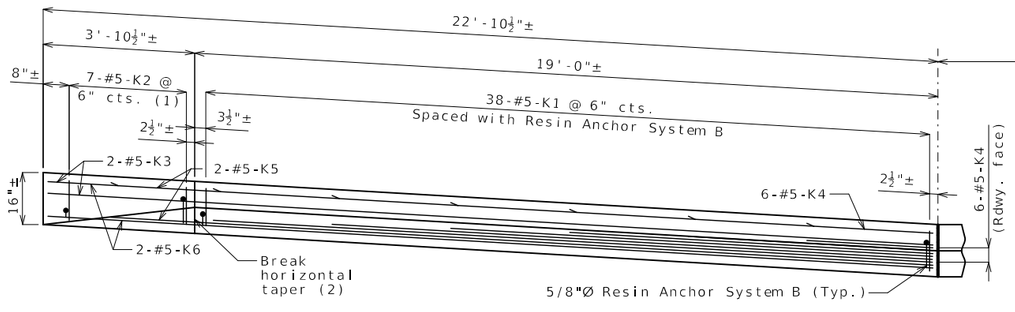
(1) Spaced with Resin Anchor System B

(2) Field bend horizontal bars to maintain 1 1/2" clear cover to roadway face of barrier.

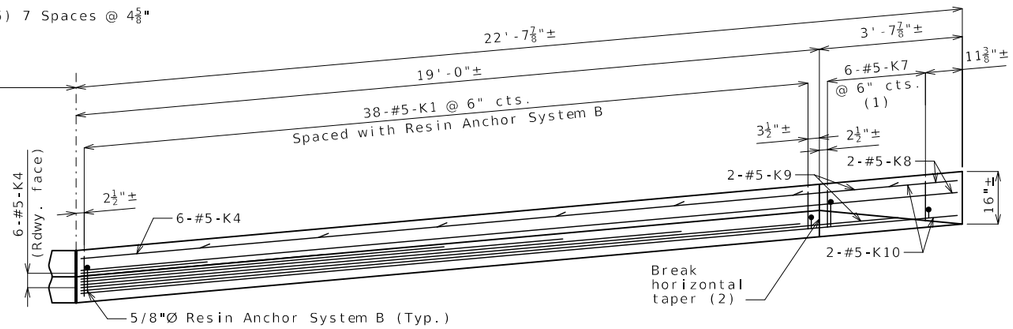
(3) @ $4\frac{5}{8}$" centers

(4) Spaced as shown, each face

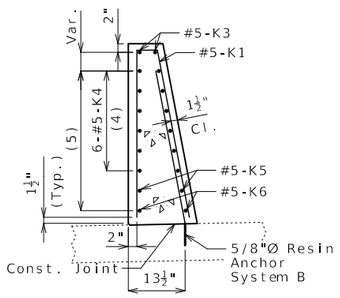
(5) 7 Spaces @ $4\frac{5}{8}$"



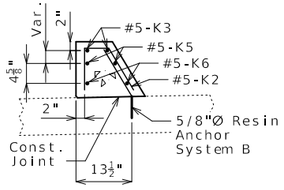
PLAN OF WEST APPROACH



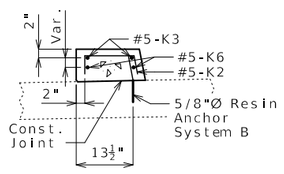
PLAN OF EAST APPROACH



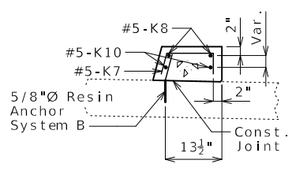
SECTION A-A



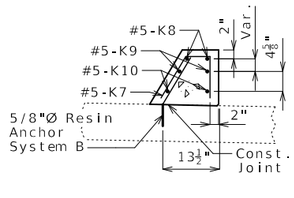
SECTION B-B



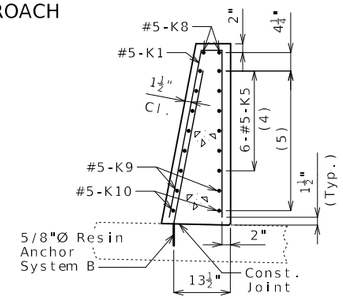
SECTION C-C



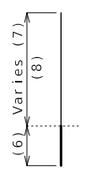
SECTION F-F



SECTION E-E



SECTION D-D



(6) Manufacturer's recommended embedment length (5" min.)

(7) 6" min., 3'-0" max.

(8) Contractor to field cut and bend 5/8"Ø Resin Anchor System B in transition as needed to maintain 2 3/4" clear to roadway face. Cut or damaged epoxy coating shall be repaired with an approved epoxy repair product. Field modifications of bars and epoxy repair is considered completely covered by the contract unit price for Type D Barrier Transition.

DETAILS OF RESIN ANCHOR SYSTEM B

(48 req'd)

Notes:

Work this sheet with Sheets No. 3 thru 5.

All horizontal dimensions and bars are measured along the outside edge of the Type D Barrier Transition.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Type D Barrier Transition.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Type D Barrier Transition.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems and shall be that required to meet the minimum pullout strength in accordance with Sec 1039 but shall not be less than 5 inches.

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8"Ø threaded rod.

TYPE D BARRIER TRANSITION

Detailed Feb. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

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NUMBER PE-2019000128
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MO-PE-2019000128

DATE PREPARED
8/18/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
BR	6

COUNTY
JASPER

JOB NO.
J7S2185D

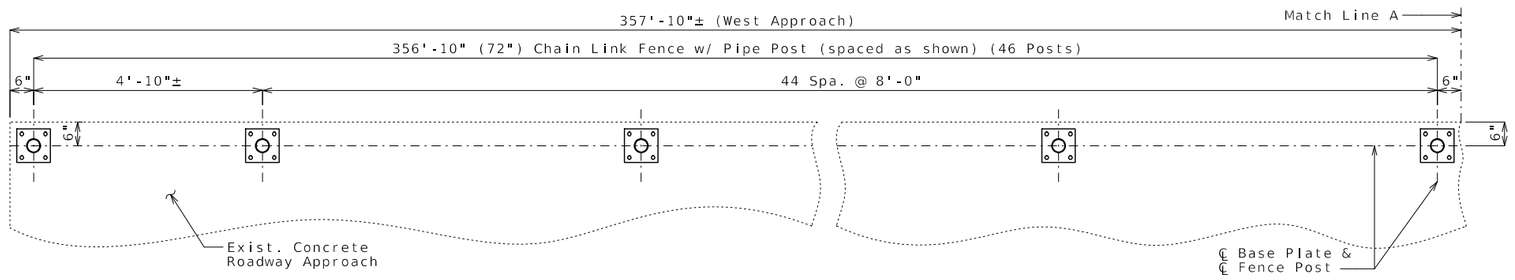
CONTRACT ID.

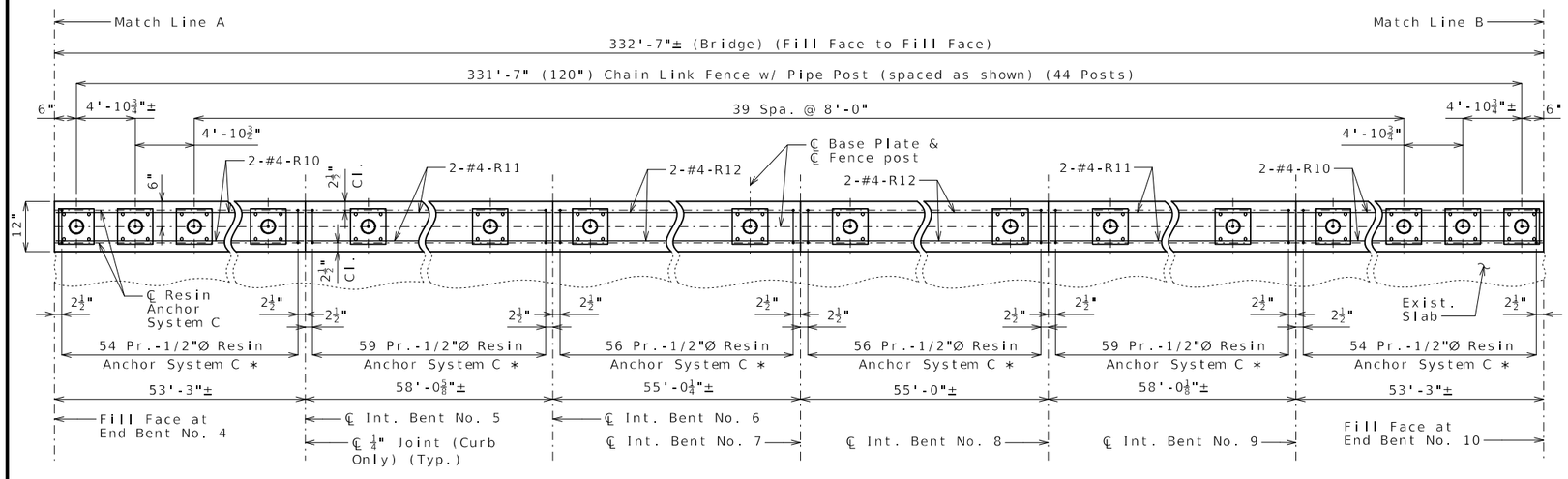
PROJECT NO.

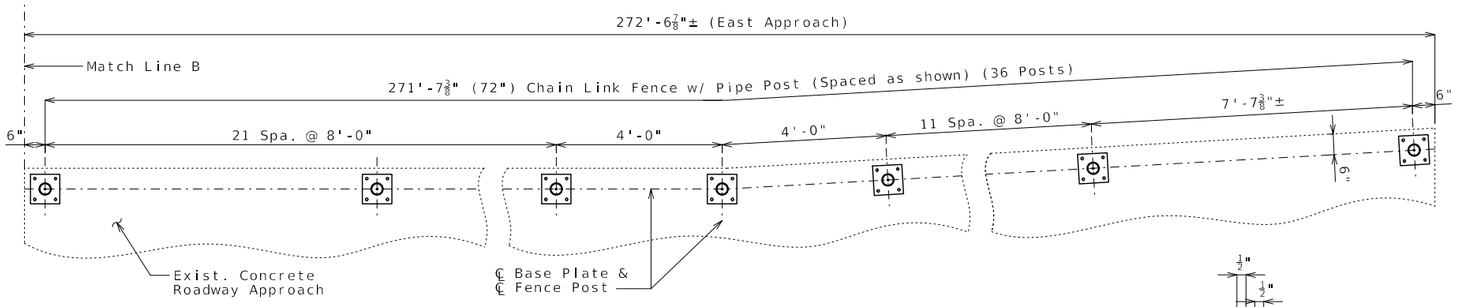
BRIDGE NO.
A59611

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

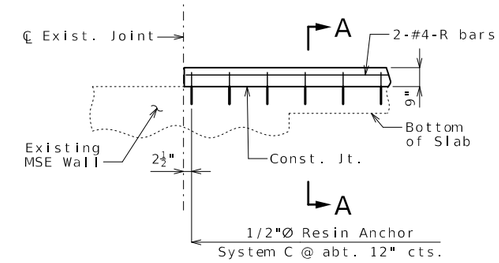




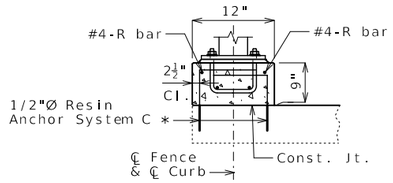


PART PLAN SHOWING PEDESTRIAN CURB & POST SPACING

Longitudinal dimensions are horizontal.

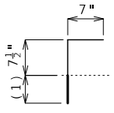


PART ELEVATION OF PEDESTRIAN CURB AT END BENT



SECTION A-A

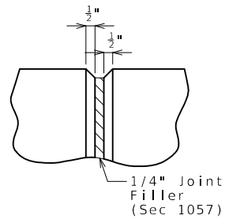
* Shift in field to clear U-bolts.



DETAILS OF RESIN ANCHOR SYSTEM C

(676 Req'd)

(1) Manufacturer's recommended embedment length (5" min.)



PART ELEVATION AT CURB JOINT

Notes:

Top of curb shall be built parallel to grade and curb joints normal to grade.

All exposed edges of curb shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the contract unit price for Pedestrian Curb per linear foot.

Concrete in curb shall be Class B-1.

Measurement of pedestrian curb is to the nearest linear foot for each structure, measured along the outside top of curb from end of curb to end of curb.

Center of posts shall clear curb joints or ends by at least 6 inches.

Minimum lap for longitudinal R-bars is 2'-7".

Existing slab reinforcement not shown for clarity.

For details of chain link pedestrian fence, see Sheet No. 8.

Contractor to verify post locations do not conflict with bolts from existing decorative fence before finalizing shop drawings.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Pedestrian Curb.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems and shall be that required to meet the minimum pullout strength in accordance with Sec 1039 but shall not be less than 5 inches.

An epoxy coated #4 Grade 60 reinforcing bar shall be substituted for the 1/2"Ø threaded rod.

Detailed Jan. 2025
Checked Feb. 2025

PEDESTRIAN CURB & POST SPACING

Note: This drawing is not to scale. Follow dimensions.

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MO-PE-2019000128

DATE PREPARED
8/18/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
BR	7

COUNTY
JASPER

JOB NO.
J7S2185D

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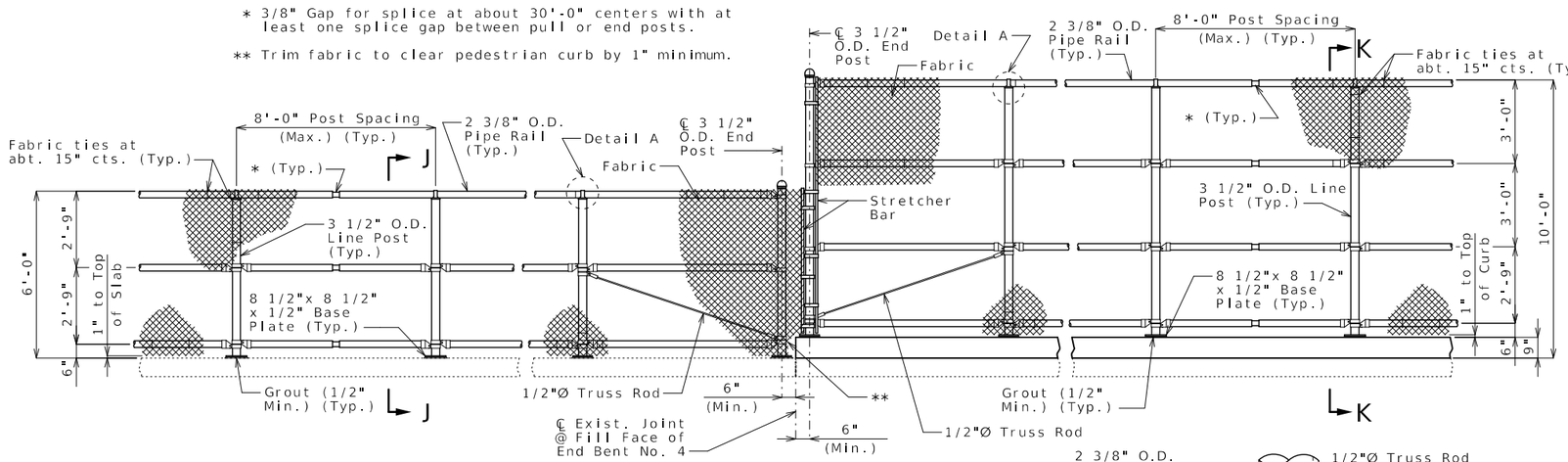
* 3/8" Gap for splice at about 30'-0" centers with at least one splice gap between pull or end posts.

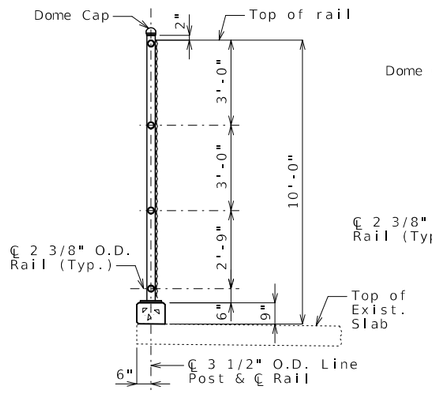
** Trim fabric to clear pedestrian curb by 1" minimum.



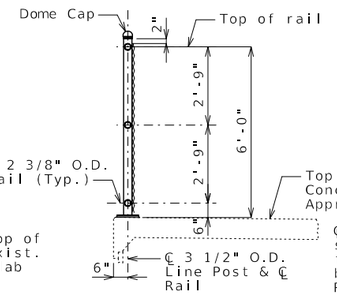
ELEVATION

(End Bent No. 4 shown, End Bent No. 10 similar)

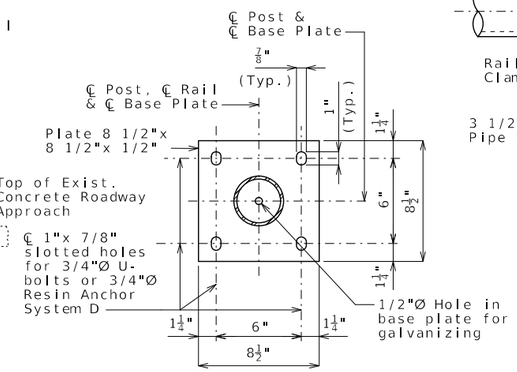
Note: For details of post spacing, see Sheet No. 7.



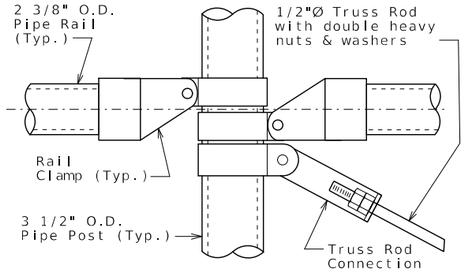
SECTION K-K



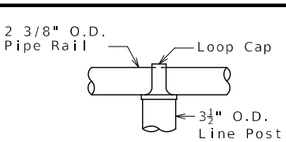
SECTION J-J



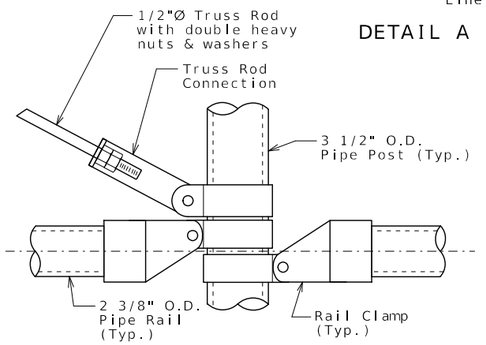
PLAN OF BASE PLATE



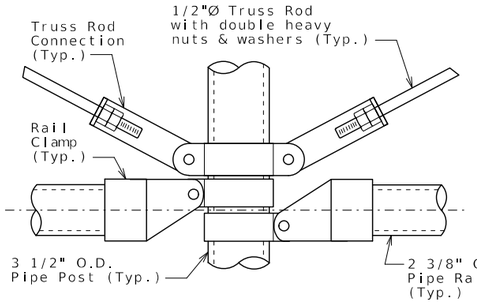
UPPER TRUSS ROD CONNECTION DETAIL



DETAIL A



LOWER TRUSS ROD CONNECTION DETAIL



DUAL LOWER TRUSS ROD CONNECTION DETAIL

GENERAL NOTES:

Pedestrian chain link fence shall be in accordance with Sec 1043 except all fabric shall have the top and bottom edges knuckled and pipe members shall be in accordance with ASTM F1043, high strength grade (minimum yield = 50 ksi) heavy industrial steel pipe Group 1A.

All posts shall be vertical. Grout shall be placed under the post base plates in accordance with Sec 1066.

Payment for furnishing, galvanizing and erecting the fence and frame complete in place will be considered completely covered by the contract unit price for (120 in.) Pedestrian Fence (Structures) or (72 in.) Pedestrian Fence (Structures) per linear foot as shown.

Dimensions of pedestrian chain link fence are measured horizontally.

The maximum spacing allowed between pull posts and end posts is 100 feet. Post brace and 1/2-inch diameter truss rod are required for panels adjacent to pull post and end posts only. Connect the lower end of truss rod to bottom of pull posts and end posts to which the stretcher bar is attached.

Rail clamps, dome cap, bands, tie wires, stretcher bars and truss rod connections shall be in accordance with the manufacturer's recommendations. The truss rod and truss rod connections shall have a minimum capacity of 2000 pounds. Dome cap shall fit tightly.

Expansion joints shall be placed in the horizontal pieces at not more than 30-foot centers and at all joint filler locations in the curb with a minimum gap of 3/8 inch at 60 degrees F.

Steel for truss rods shall be ASTM A709 Grade 36. Steel for base plates shall be ASTM A709 Grade 50.

(120 in.) Pedestrian Fence (Structures) and (72 in.) Pedestrian Fence (Structures) will be measured to the nearest linear foot for each structure, measured along the centerline fence from end of fence to end of fence.

Contractor shall submit complete detailed shop drawings in accordance with Sec 1080.

All base plates, U-bolts, resin anchors, hex nuts and washers shall be galvanized in accordance with ASTM A123 and Sec 1081.

U-bolts shall be ASTM F1554 Grade 36.

Chain link wire fabric shall be 9 gage minimum, 2-inch diamond mesh.

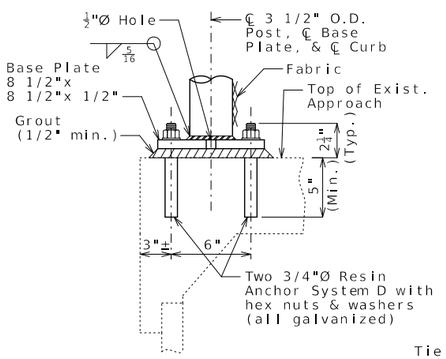
For details of pedestrian curb, see Sheet No. 7.

The chain link fence shall be built in accordance with Sec 607 & Sec 1043.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

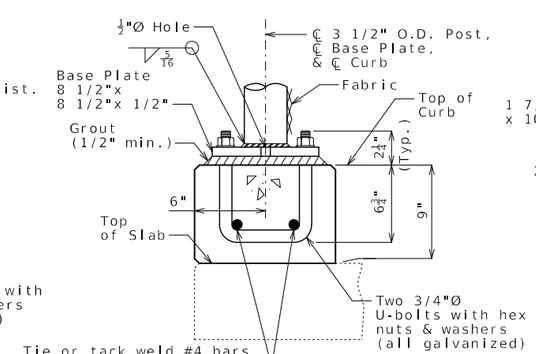
Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for (72 in.) Pedestrian Fence (Structures).

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems and shall be that required to meet the minimum pullout strength in accordance with Sec 1039 but shall not be less than 5 inches.



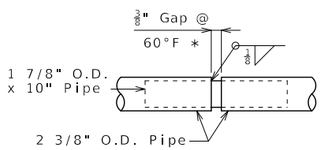
POST CONNECTION

(West & East Approaches on MSE Wall)



POST CONNECTION

(Bridge Section)



TYPICAL RAIL DETAIL AT SPLICE GAP

Note: Base plate shall be welded to the post prior to galvanizing the post with base plate.

Note: At the contractor's option, manufacturer-approved expansion coupling may be used in lieu of detail shown. No additional payment will be made for this substitution.

PEDESTRIAN CHAIN LINK FENCE

Detailed Jan. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

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DATE PREPARED 8/18/2025

ROUTE	STATE
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DISTRICT	SHEET NO.
BR	8

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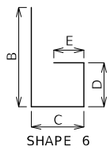
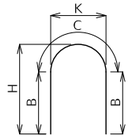


SHAPE 6
or 6S



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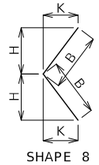
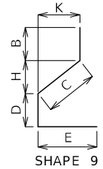
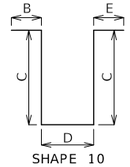


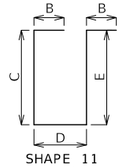
SHAPE 8
or 8S



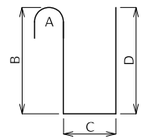
SHAPE 9
or 9S



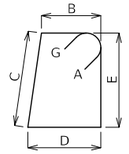
SHAPE 10
or 10S



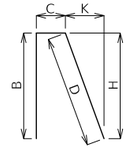
SHAPE 11
or 11S



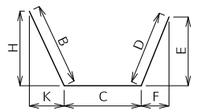
SHAPE 12



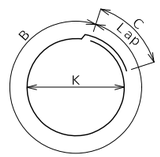
SHAPE 13S



SHAPE 14
or 14S



SHAPE 15
or 15S



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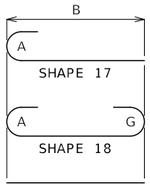
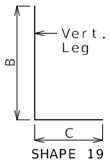


SHAPE 17
SHAPE 18
SHAPE 20



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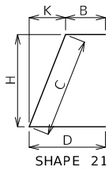
or 19S



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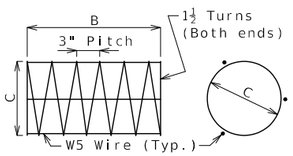
or 21S



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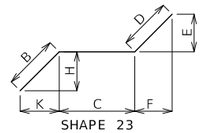

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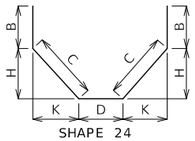
or 23S



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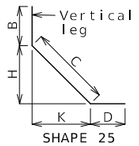
or 24S



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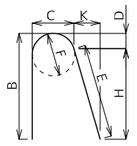
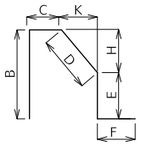
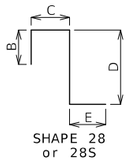
or 25S



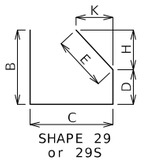
SHAPE 26



SHAPE 27S



SHAPE 28
or 28S



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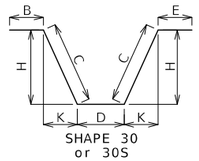
or 29S



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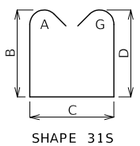
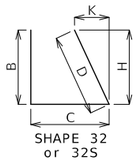
or 30S



SHAPE 31S



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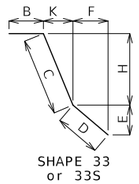
or 32S



SHAPE 33
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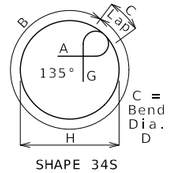
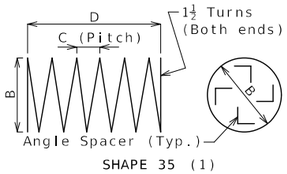
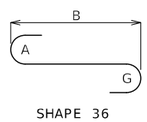


SHAPE 34S



SHAPE 35 (1)

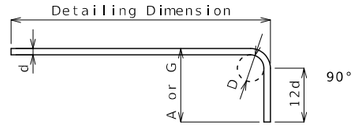


SHAPE 36

Finished Bend Diameters D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G		J
			90°	180°	180°
#4	1	3"	8"	6"	4"
#5	1	3¾"	10"	7"	5"
#6	1	4½"	12"	8¼"	6"
#7	2	5¼"	14"	9⅜"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¾"	28½"

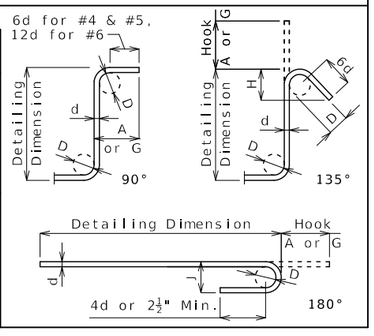


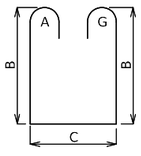
Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G			H	J
			90°	135°	180°	135°	180°
#4	2	2"	4½"	4½"	5"	2⅝"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6½"	7"	3⅞"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

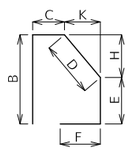
Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.





SHAPE 37S



SHAPE 38S

BENDING DIAGRAMS

All dimensions are out to out.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

(1) Shall be a deformed or plain spiral bar or wire.

Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Reinforcing Steel Totals (Pounds)

	Size	Substructure		Superstructure			Entire Bridge	
		Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
By Size	W5	0	0	0	0	0	0	0
	4	0	0	0	442	0	0	442
	5	0	0	0	17,090	1,402	0	18,492
	6	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0
	14	0	0	0	0	0	0	0
	18	0	0	0	0	0	0	0
By Type		0	0	0	17,532	1,402	0	18,934

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

STATE OF MISSOURI
TYLER R. LINDSAY
NUMBER PE-2019000128
PROFESSIONAL ENGINEER
08/18/2025 12:43:35 PM
TYLER R. LINDSAY - CIVIL
MO-PE-2019000128

DATE PREPARED
8/18/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
BR	9

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A59611

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BENDING DIAGRAMS AND REINFORCING STEEL TOTALS

Detailed Feb. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes C	SH	V	Dimensions B	C	D	E	F	H	K	Nom. Length	Actual Length	Weight
						ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	lb
		Type D													
		Barrier													
76	5 K1	BARRIER	E	14S	2	3 2.50	4.75	3 3.25			3 2.50	7.25	6 11	6 8	
		Incr. = 1.500"				10.25	5.00	12.00			10.25	6.00	2 3	2 1	347
7	5 K2	BARRIER	E	14S	1	9.50	5.50	11.00			9.50	5.75	2 2	2	
		Incr. = 1.125"				4.00	11.25	4.00			4.00	0.75	1 7	1 5	12
2	5 K3	BARRIER	E	20		22 9.00							22 9	22 9	47
24	5 K4	BARRIER	E	20	4	3 2.00							3 2	3 2	
		Incr. = 36.375"				18 4.00							18 4	18 4	269
2	5 K5	BARRIER	E	20		21 0.00							21	21	44
2	5 K6	BARRIER	E	20		22 7.00							22 7	22 7	47
6	5 K7	BARRIER	E	14S	1	9.50	5.50	11.00			9.50	5.50	2 2	2	
		Incr. = 1.250"				4.75	10.75	5.00			4.75	1.25	1 9	1 6	11
2	5 K8	BARRIER	E	20		22 7.00							22 7	22 7	47
2	5 K9	BARRIER	E	20		20 10.00							20 10	20 10	43
2	5 K10	BARRIER	E	20		22 4.00							22 4	22 4	47
951	5 R1	BARRIER	E	26		3 3.00	5.50	2.25	3 1.25	5.50	3 0.75	6.75	7 0	6 9	6,695
70	5 R2	BARRIER	E	20		39 9.00							39 9	39 9	2,902
20	5 R3	BARRIER	E	20		29 9.00							29 9	29 9	621
20	5 R4	BARRIER	E	20		24 9.00							24 9	24 9	516
120	5 R5	BARRIER	E	20		11 9.00							11 9	11 9	1,471
20	5 R6	BARRIER	E	20		29 0.00							29	29	605
20	5 R7	BARRIER	E	20		33 9.00							33 9	33 9	704
20	5 R8	BARRIER	E	20		30 9.00							30 9	30 9	641
50	5 R9	BARRIER	E	20		38 9.00							38 9	38 9	2,021
4	4 R10	PEDESTRIAN CURB	E	20		53 0.00							53	53	142
4	4 R11	PEDESTRIAN CURB	E	20		57 9.00							57 9	57 9	154
4	4 R12	PEDESTRIAN CURB	E	20		54 9.00							54 9	54 9	146
		Slip-Form													
112	5 C1	SLIP FORM	E	20		12 0.00							12	12	1,402

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes C	SH	V	Dimensions B	C	D	E	F	H	K	Nom. Length	Actual Length	Weight
						ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	lb

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

For bending diagrams and steel reinforcing totals, see Sheet No. 9.

All bars shall be Grade 60.

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

BILL OF REINFORCING STEEL

Detailed Feb. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TYLER R. LINDSAY
NUMBER PE-2019000128
PROFESSIONAL ENGINEER
08/18/2025 12:43:35 PM
TYLER R. LINDSAY - CIVIL
MO-PE-2019000128

DATE PREPARED
8/18/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
BR	10

COUNTY
JASPER

JOB NO.
J7S2185D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A59611

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

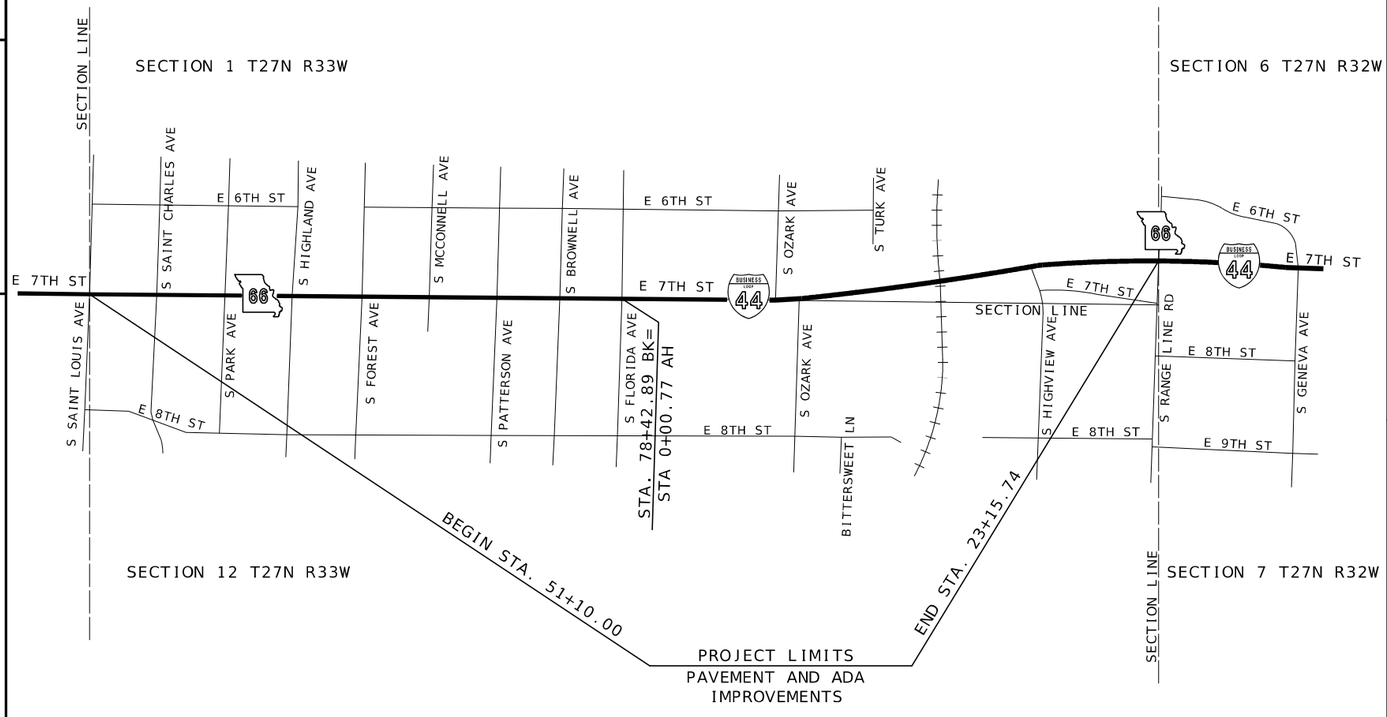
PLANS FOR PROPOSED STATE HIGHWAY

JASPER COUNTY
SECTIONS 1 & 12
T27N, R33W

NOT TO SCALE



LOCATION MAP
SHOWING LOCATION OF JASPER COUNTY



CITY OF JOPLIN

DESIGN DESIGNATION

A.A.D.T. - 2025 = 17,456
A.A.D.T. - 2045 = 19,286
D.H.V. = 8%
T = 5%
V = 35/45 M.P.H.
D = 50%
FUNCTIONAL CLASS. - PRINCIPAL ARTERIAL

NEW RIGHT OF WAY REQUIRED
NORMAL ACCESS

TEMPORARY CONSTRUCTION EASEMENTS REQUIRED

NOTE ABBREVIATIONS
(USED IN PLANS)

GV - GAS VALVE
GM - GAS METER
MH - MANHOLE
LP - LIGHT POLE
PP - POWER POLE
C&G - CURB AND GUTTER
PB - PULL BOX
EOP - EDGE OF PAVEMENT
CTRLR - CONTROLLER
PVMT - PAVEMENT
CONC - CONCRETE
EXIST - EXISTING
PROP - PROPOSED
UIP - USE IN PLACE

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	~~FO~~
OVERHEAD CABLE TV	-OTV-	~~OTV~~
UNDERGROUND CABLE TV	-UTV-	~~UTV~~
OVERHEAD TELEPHONE	-OT-	~~OT~~
UNDERGROUND TELEPHONE	-UT-	~~UT~~
OVERHEAD POWER	-OE-	~~OE~~
UNDERGROUND POWER	-UE-	~~UE~~
SANITARY SEWER	-S-	~~S~~
STORM SEWER	-SS-	~~SS~~
GAS	-G-	~~G~~
WATER	-W-	~~W~~
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	D	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	V	
WOVEN WIRE	X	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
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TYPICAL SECTIONS (TS) (10 SHEETS)	2
QUANTITIES (QU) (16 SHEETS)	3
PLAN-PROFILE (PP)	4-14
RIGHT OF WAY (RW)	15-25
REFERENCE POINTS (RP)	26
COORDINATE POINTS (CP)	27
SPECIAL SHEETS (SS)	28-77
DRIVE PROFILES (26 SHEETS)	28-53
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CULVERT DETAILS (4 SHEETS)	74-77
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SIGNING (SN)	122-134
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LENGTH OF PROJECT

JOB NO. J7S2185E & J7S2185G

BEGINNING OF PROJECT	STA. 51 + 10.00	
END OF PROJECT	STA. 23 + 15.74	
APPARENT LENGTH	-2,794.26	FEET
EQUATIONS AND EXCEPTIONS:		
78+42.89 BK = 0+00.77 AH	7,842.12	FEET
NET LENGTH OF J7S2185E	5,047.86	FEET
TOTAL CORRECTIONS	7,842.12	FEET
NET LENGTH OF PROJECT	5,047.86	FEET
STATE LENGTH	0.9560	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	11.98	ACRES

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

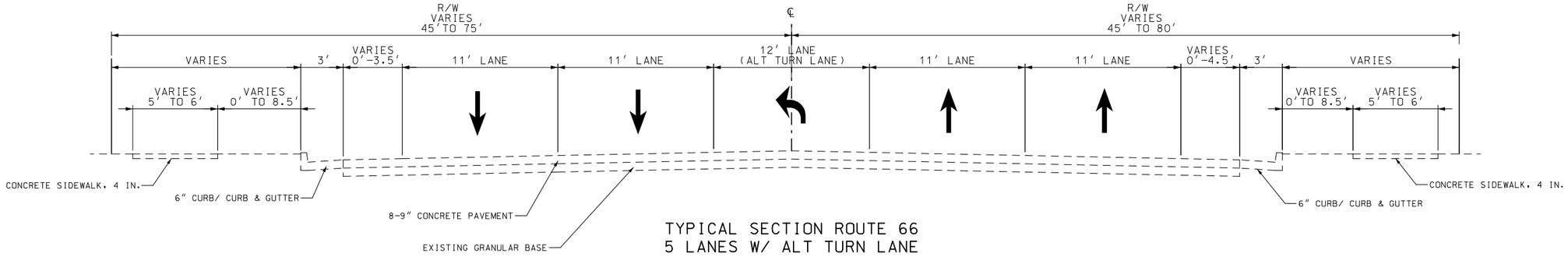
DATE PREPARED: 10/1/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 1
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

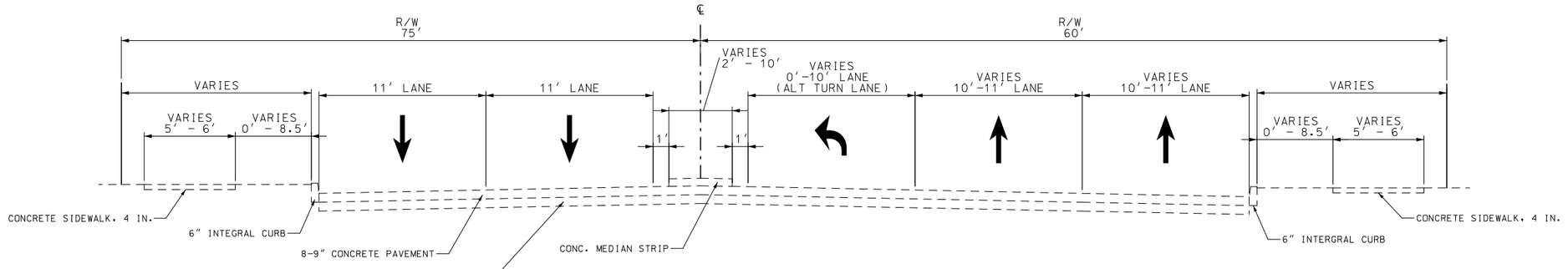
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

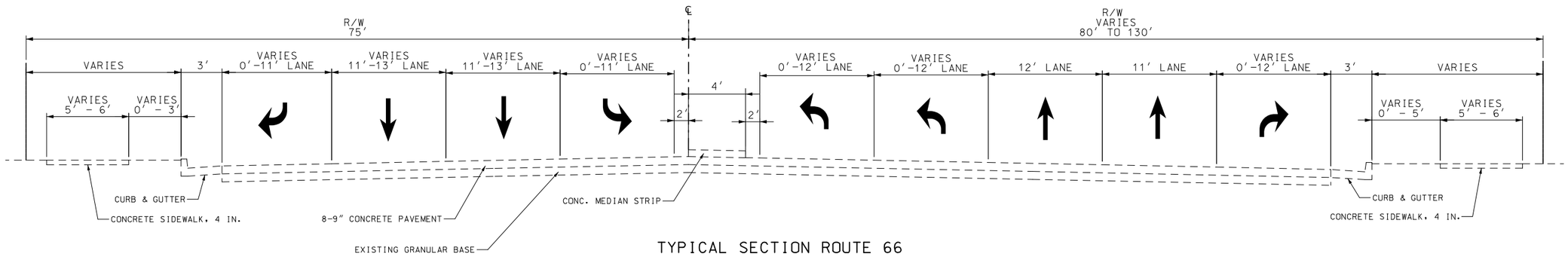
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



TYPICAL SECTION ROUTE 66
5 LANES W/ ALT TURN LANE
STA. 51+10.00 TO STA. 14+80.80
STA. 15+21.90 TO STA. 19+49.54
(EXISTING)



TYPICAL SECTION ROUTE 66
5 LANES W/ TURN LANE WITH MEDIAN
STA. 14+80.80 TO STA. 15+21.90
(EXISTING)



TYPICAL SECTION ROUTE 66
TRANSITION 7 LANES
STA. 19+49.54 TO 23+15.74
(EXISTING)

NOT TO SCALE

TYPICAL SECTIONS
(EXISTING)

TYPICAL SHEET
1 OF 10

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

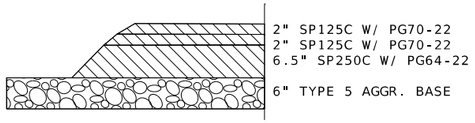
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM

NOTE:
CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.

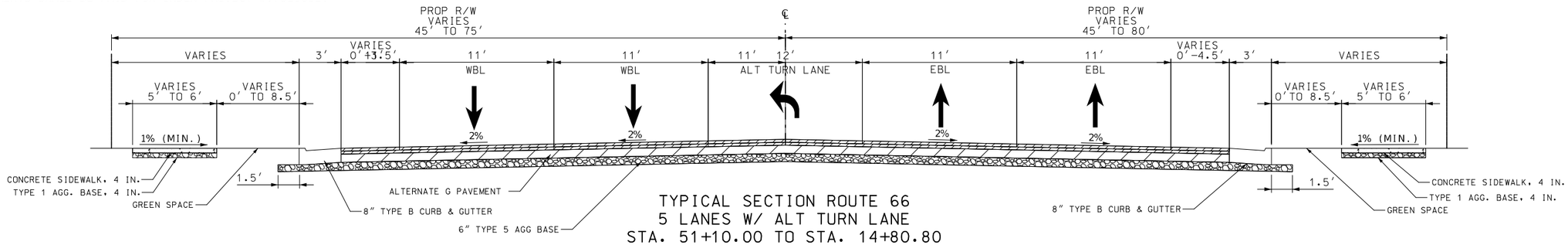
SUBGRADE PROFILE AND CROSS SECTIONS ARE DESIGNED FOR THE THINNER PAVEMENT DESIGN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PROFILE GRADE FOR EITHER PAVEMENT DESIGN WITH NO DIRECT PAY. CROSSROAD STRUCTURES ARE DESIGNED TO ACCOMMODATE A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

ADA IMPROVEMENTS SHALL BE PAID FOR UNDER PROJECT #J7S2185G. EARTHWORK FOR ADA IMPROVEMENTS SHALL BE PAID FOR UNDER PROJECT #J7S2185E.

ROUTE 66 ALTERNATE PAVEMENT DESIGN



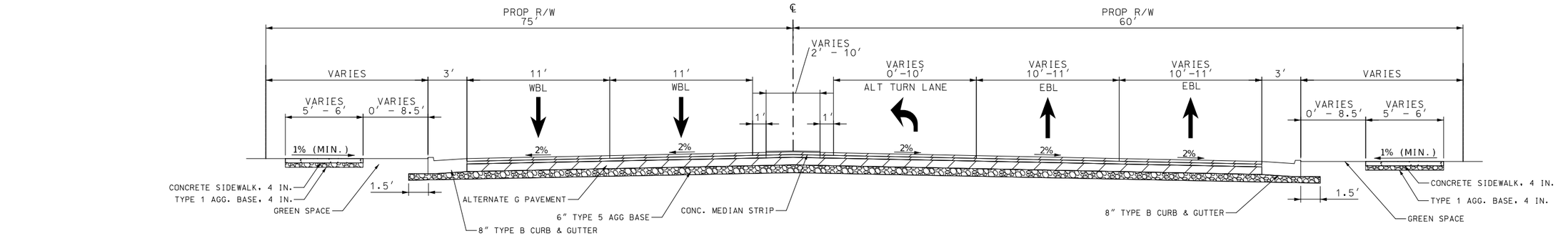
ALTERNATE G



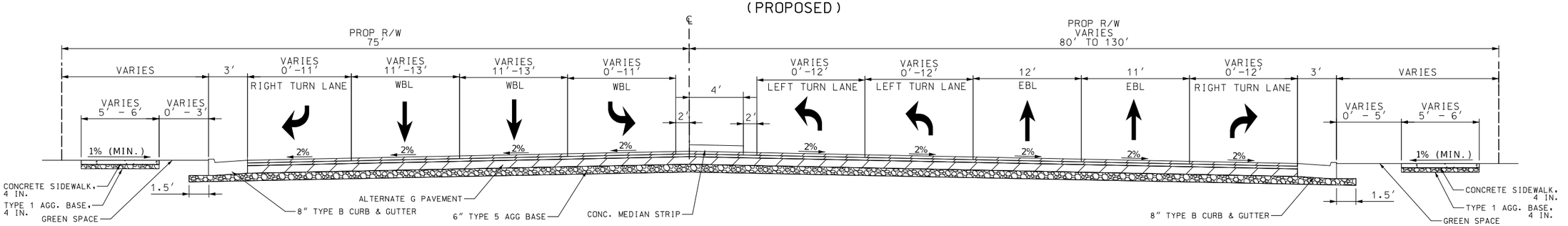
TYPICAL SECTION ROUTE 66
5 LANES W/ ALT TURN LANE
STA. 51+10.00 TO STA. 14+80.80
STA. 15+21.90 TO STA. 19+49.54
(PROPOSED)

ALTERNATE H

TYPICAL SECTION ROUTE 66
5 LANES W/ TURN LANE WITH MEDIAN
STA. 14+80.80 TO STA. 15+21.90
(PROPOSED)



TYPICAL SECTION ROUTE 66
TRANSITION 7 LANES
STA. 19+49.54 TO 23+15.74
(PROPOSED)



TYPICAL SECTION ROUTE 66
TRANSITION 7 LANES
STA. 19+49.54 TO 23+15.74
(PROPOSED)

NOTE:
THE DESIGN GUIDE FOR THE WIDTH OF RIGHT OF WAY FOR THIS PROJECT WILL BE 90 FEET.

NOT TO SCALE

TYPICAL SECTIONS
ALTERNATE G - ASPHALT
(PROPOSED)

TYPICAL SHEET
2 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NOTE:
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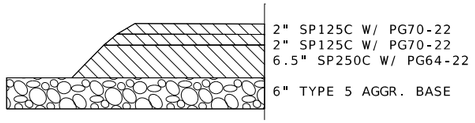
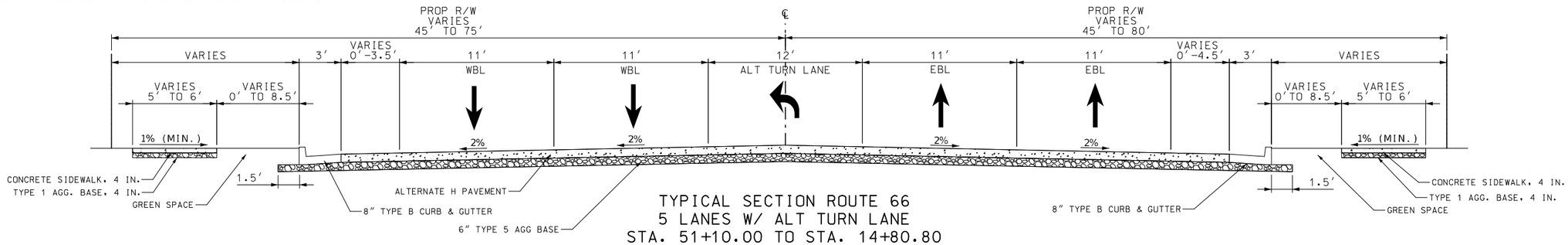
ROUTE 66 ALTERNATE PAVEMENT DESIGN

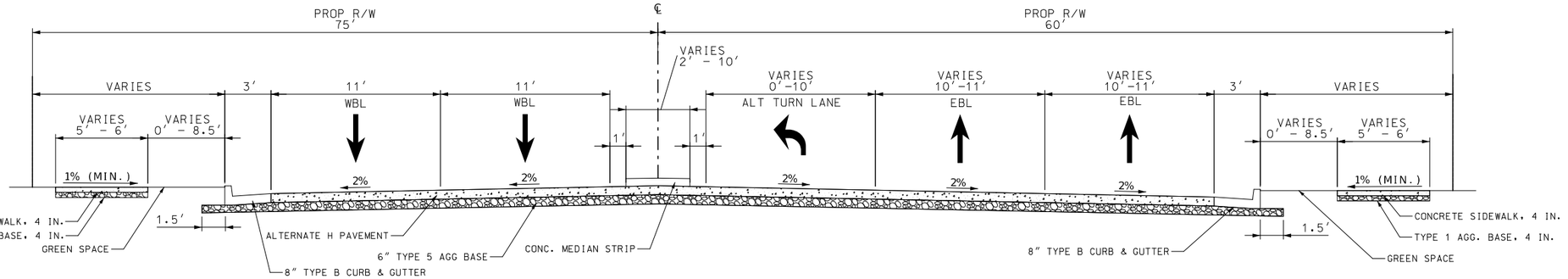


ALTERNATE G

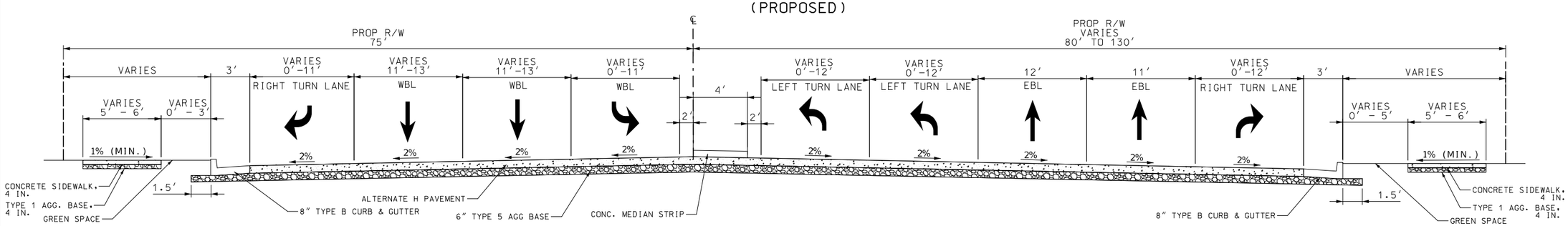


TYPICAL SECTION ROUTE 66
5 LANES W/ ALT TURN LANE
STA. 51+10.00 TO STA. 14+80.80
STA. 15+21.90 TO STA. 19+49.54
(PROPOSED)

ALTERNATE H



TYPICAL SECTION ROUTE 66
5 LANES W/ TURN LANE WITH MEDIAN
STA. 14+80.80 TO STA. 15+21.90
(PROPOSED)



TYPICAL SECTION ROUTE 66
TRANSITION 7 LANES
STA. 19+49.54 TO 23+15.74
(PROPOSED)

NOTE:
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NOT TO SCALE

TYPICAL SECTIONS

ALTERNATE H - CONCRETE
(PROPOSED)

TYPICAL SHEET
2 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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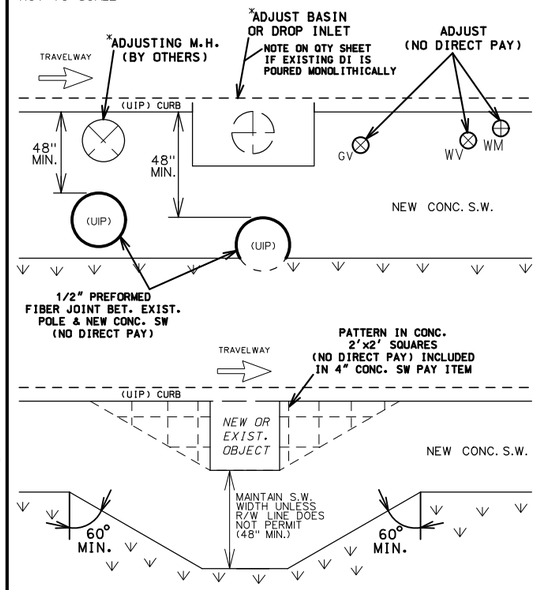
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

1. CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 609.00.
2. TINTED CONCRETE SHALL NOT BE USED. TRUNCATED DOMES SHALL BE OF A COLOR CONTRASTING WITH UNTINTED CONCRETE AND APPROVED BY THE ENGINEER. TRUNCATED DOMES ARE REQ'D. AT STREET INTERSECTIONS AND COMMERCIAL ENTRANCES WITH TRAFFIC CONTROL ONLY. (STOP/YIELD SIGNS OR SIGNALS)
3. CONCRETE SHALL BE IN ACCORDANCE WITH SEC. 608 & SEC. 609. CURING COMPOUND SHALL BE TRANSPARENT.
4. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE 4" THICK, WITH THE EXCEPTION OF THE BOTTOM TRANSITION WHICH TIES INTO THE EXISTING PAVED APPROACH AND ROADWAY. THIS TRANSITION, OR LANDING AREA, MUST BE 8" THICK IF IT FALLS WITHIN THE RADIUS OF THE APPROACH AND SITS AT THE BACK OF CURB OF THE ROADWAY. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE ON 4" TYPE 1 AGGREGATE BASE.
5. AGGREGATE BASE DENSITY - CONTRACTOR SHALL EXERCISE GOOD COMPACTIVE EFFORT AS APPROVED BY THE ENGINEER. DENSITY REQUIREMENTS BY NUCLEAR METHOD WILL NOT BE REQUIRED DUE TO WORK AREA CONSTRAINTS.
6. CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (16' MAX.)
   RUNNING SLOPE = >5% (MIN.) TO 8.33% (MAX.) UNIFORMLY DOWN THE LENGTH OF THE RAMP.

   CONCRETE LANDING - WIDTH = TO MATCH PROPOSED CURB RAMP AND SIDEWALK WIDTH LENGTH = 5' MIN.
   SLOPE IN ALL DIRECTIONS = 1% PREFERRED (2% MAX.) UNLESS TIED TO ROADWAY EXCEPTION.
7. ALL EXISTING UTILITIES SHALL BE USED IN PLACE UNLESS OTHERWISE NOTED. ALL MANHOLE OR VALVE COVER, ETC. ELEVATIONS SHALL BE ADJUSTED AS REQUIRED IF THEY ARE LOCATED WITHIN THE IMPROVEMENT AREA.
8. "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1057 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
9. REINFORCING STEEL TIE BARS SHALL BE IN ACCORDANCE WITH SECTION 706. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND USED AS APPROVED BY THE ENGINEER. WHERE TIE BARS ARE USED, THE CONCRETE SHALL BE 8" THICK (NO DIRECT PAY).
10. CONSTRUCTION AND LENGTH OF EACH CURB RAMP INCLUDING LANDINGS AND TRANSITION AREAS SHALL BE AS SHOWN ON THE PLANS UNLESS DIFFERING FIELD CONDITIONS ARE FOUND OR AS APPROVED BY THE ENGINEER. CURB RAMP CROSS SLOPES SHALL BE 1% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMPS ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
11. SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMPS OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
12. S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
13. SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MIN.

NOT TO SCALE

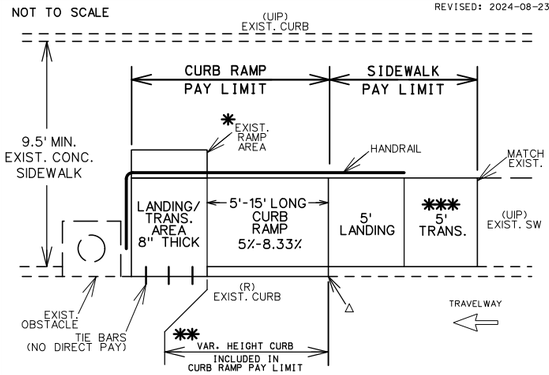


UTILITIES OR VARIOUS OBSTACLES

NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AREAS AND SIDEWALK WITH A MINIMUM OF 4' CLEARANCE AROUND THE POLE

NOT TO SCALE

REVISED: 2024-08-23



△ MATCH EXIST CURB

✱ FILL IN WHERE EXIST. RAMP WAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

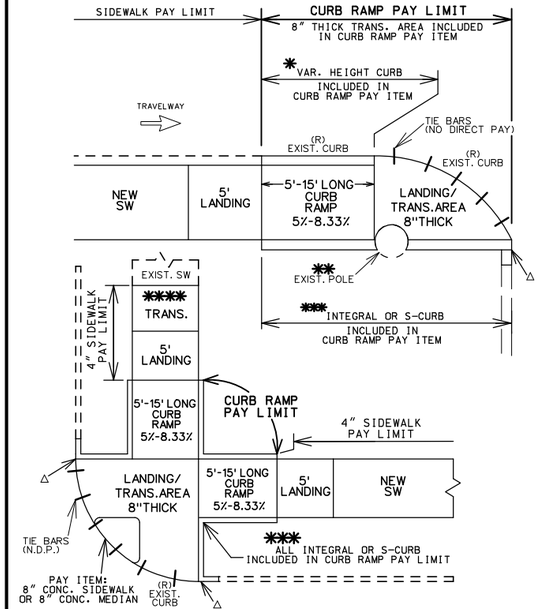
✱✱ VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS.

✱✱✱ TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

HANDRAIL 2' OFF E.O.P (SEE HANDRAIL STANDARDS)

CURB RAMP - IN EXISTING 9.5'+ WIDE SW

PAY LIMITS



△ MATCH EXIST CURB HEIGHT, OPTIONAL 1' TIE-IN TO EXIST CURB

✱ VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONST. MONOLITHIC OR SEP. DEPENDING ON CONST. OPERATIONS.

✱✱ NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AND TRANSITION AREAS.

✱✱✱ TYPE OF CURB WILL DEPEND ON FIELD CONDITIONS.

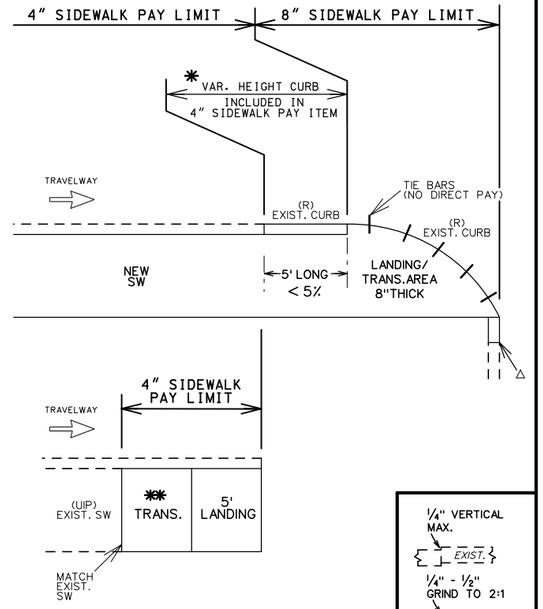
✱✱✱ TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

CURB RAMP

PAY LIMITS

WHEN RAMP AREA IS LONGER THAN 5'AND BETW. 5%-8.33% GRADE, IT IS CONSIDERED A CURB RAMP

NOT TO SCALE



△ MATCH EXIST CURB HEIGHT (1'TAPER FROM SIDEWALK UP TO EXIST CURB HEIGHT)

✱ VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS. DOWEL TO EXIST. GUTTER/PAVEMENT (NO DIRECT PAY).

✱✱ TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

SIDEWALK

PAY LIMITS

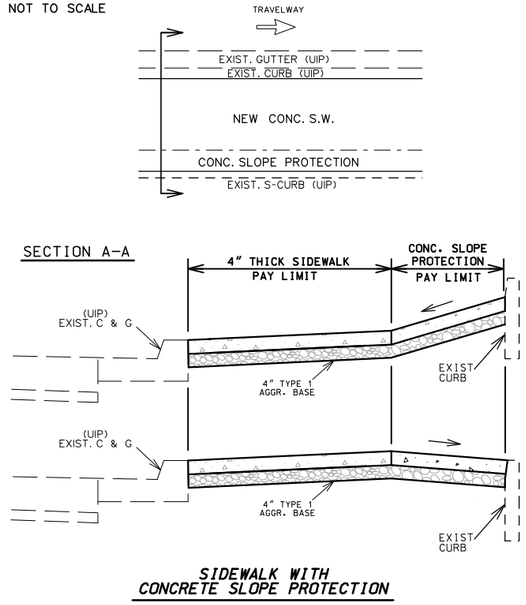
WHEN RAMP AREA IS LESS THAN 5% GRADE, IT IS CONSIDERED SIDEWALK

NOT TO SCALE

JOINT GRINDING

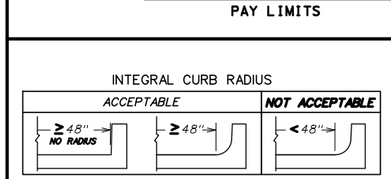
TRIP HAZARDS 622-99.03

NOT TO SCALE



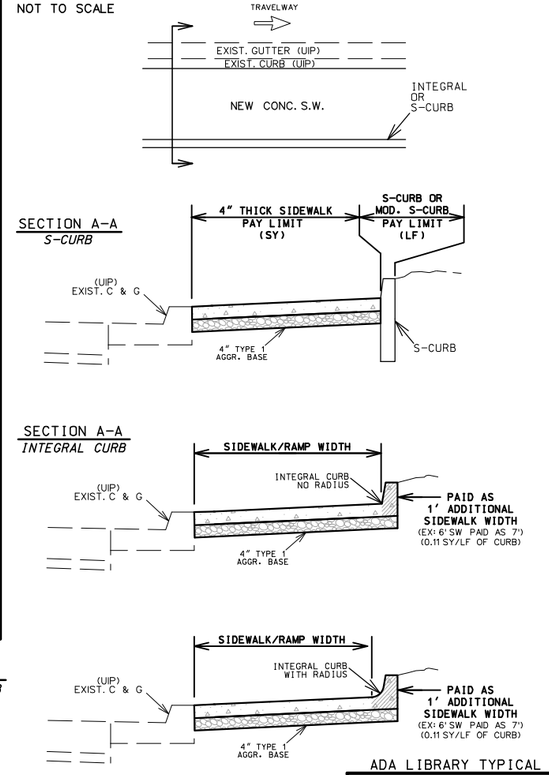
SIDEWALK WITH CONCRETE SLOPE PROTECTION

PAY LIMITS



SECTION A-A
INTEGRAL CURB WITH RADIUS

NOT TO SCALE



ADA LIBRARY TYPICAL

SIDEWALK & RAMP WITH CURB

PAY LIMITS

TYPICAL SHEET 3 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

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DATE PREPARED: 8/4/2025

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66	MO
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SW	2

COUNTY: JASPER

JOB NO.: J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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PERPENDICULAR – TYPE 1

TYPE 1-A

LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	10.0	12.0	–	10.0	12.0	–	10.0	12.0	
CURB RAMP	SY	–	8.2	12.8	–	10.8	12.7	–	13.5	15.8	
CONC. SIDEWALK	SY	–	5.6	6.4	–	5.6	6.4	–	4.9	6.4	
TYPE 1 AGGREGATE	SY	–	13.8	16.0	–	16.4	19.1	–	18.3	22.2	
ADA LINEAR GRADING	LF	–	22.0	22.0	–	27.5	27.5	–	30.0	30.5	
SODDING	SY	–	5.8	5.7	–	6.8	6.9	–	7.5	7.9	

TYPE 1-B

LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	22.0	24.0	–	22.0	24.0	–	22.0	24.0	
CURB RAMP	SY	–	10.9	13.1	–	13.6	16.3	–	16.2	19.3	
CONC. SIDEWALK	SY	–	5.6	6.3	–	5.6	6.4	–	4.9	5.7	
TYPE 1 AGGREGATE	SY	–	16.5	19.4	–	19.2	22.7	–	21.1	25.0	
ADA LINEAR GRADING	LF	–	28.0	28.0	–	34.5	34.5	–	38.0	38.0	
SODDING	SY	–	7.4	7.8	–	8.4	8.7	–	9.1	9.5	

TYPE 1-C

LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	10.0	12.0	–	10.0	12.0	–	10.0	12.0	
CURB RAMP	SY	–	8.8	10.3	–	11.5	13.4	–	14.1	16.5	
CONC. SIDEWALK	SY	–	5.6	6.4	–	5.6	6.4	–	4.9	5.7	
TYPE 1 AGGREGATE	SY	–	14.4	16.7	–	17.1	19.8	–	19.0	22.1	
ADA LINEAR GRADING	LF	–	22.0	22.0	–	26.5	26.5	–	30.0	30.0	
SODDING	SY	–	11.5	11.7	–	13.5	13.5	–	15.0	15.2	

TYPE 1-D

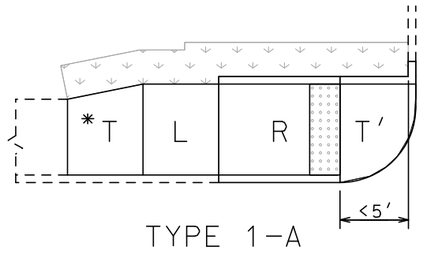
LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP	SY	–	18.6	22.8	–	24.0	29.0	–	29.3	35.3	
CONC. SIDEWALK	SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE	SY	–	29.8	35.6	–	35.2	41.8	–	39.1	46.7	
ADA LINEAR GRADING	LF	–	42.0	50.0	–	57.0	61.0	–	67.0	72.0	
SODDING	SY	–	11.0	11.3	–	13.0	13.3	–	14.5	14.9	

TYPE 1-E

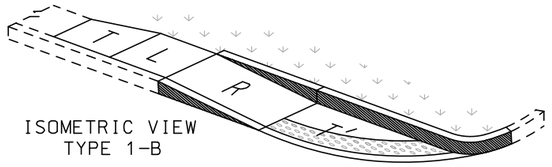
LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP	SY	–	14.8	19.0	–	20.1	25.2	–	25.5	31.4	
CONC. SIDEWALK	SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE	SY	–	26.0	31.8	–	31.3	38.0	–	35.3	42.8	
ADA LINEAR GRADING	LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING	SY	–	13.3	13.6	–	16.0	16.9	–	18.6	19.3	

TYPE 1-F

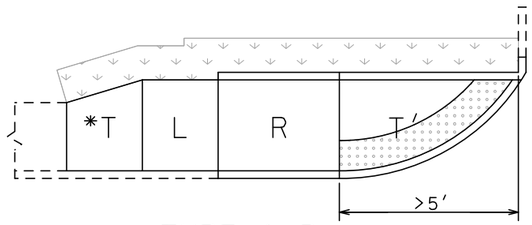
LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	14.0	16.0	–	14.0	16.0	–	14.0	16.0	
CURB RAMP	SY	–	15.5	19.0	–	20.8	25.2	–	26.2	31.4	
CONC. SIDEWALK	SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE	SY	–	26.7	31.8	–	32.0	38.0	–	36.0	42.8	
ADA LINEAR GRADING	LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING	SY	–	18.4	18.8	–	22.4	22.8	–	25.6	25.9	



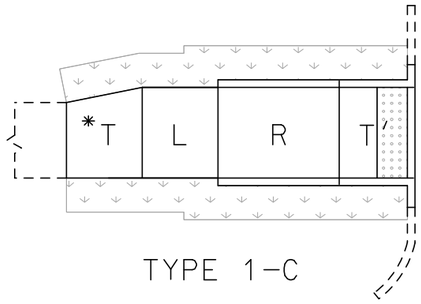
TYPE 1-A



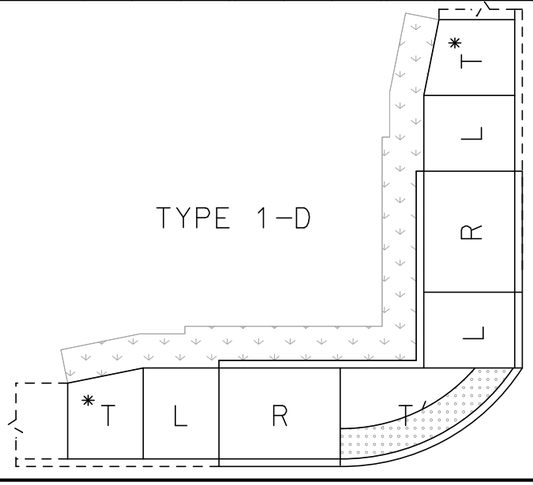
ISOMETRIC VIEW
TYPE 1-B



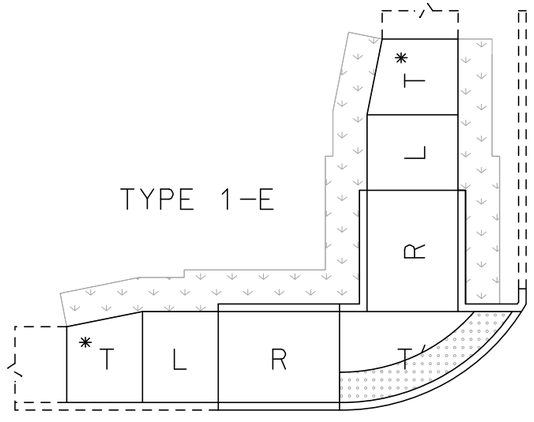
TYPE 1-B



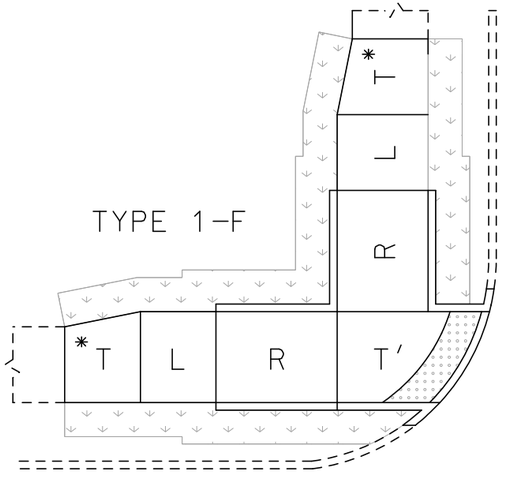
TYPE 1-C



TYPE 1-D



TYPE 1-E



TYPE 1-F

REVISED: 2022-05-18

T′- IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

T – TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED AT PAVED APPROACH IF CONDITIONS ALLOW)

* – T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L – LANDING

R – RAMP

– CURB RAMP PAY LIMITS

– SOD SLOPE 6:1 MIN.

– TRUNCATED DOME LOCATION IF DIST. IS <5′ OR >5′

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

ADA LIBRARY TYPICAL

TYPE 1

PERPENDICULAR CURB RAMPS

TYPICAL SHEET 4 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: JASPER

JOB NO.: J7S2185E,G

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PARALLEL – TYPE 2

TYPE 2-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	9.1	10.6	–	11.8	13.7	–	14.4	16.8	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	14.7	17.0	–	16.7	19.4	–	19.3	22.5	
ADA LINEAR GRADING LF	–	26.0	26.0	–	29.0	29.0	–	33.0	33.0	
SODDING SY	–	8.0	8.3	–	8.6	8.8	–	9.6	9.8	

TYPE 2-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	11.8	13.3	–	14.5	16.4	–	17.2	19.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	17.4	19.7	–	19.4	22.1	–	22.1	25.2	
ADA LINEAR GRADING LF	–	26.0	26.0	–	29.0	29.0	–	33.0	33.0	
SODDING SY	–	13.8	14.1	–	15.1	15.5	–	17.1	17.5	

TYPE 2-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	16.4	18.7	–	21.7	24.9	–	27.0	31.2	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	27.6	31.5	–	31.5	36.3	–	36.8	42.6	
ADA LINEAR GRADING LF	–	41.0	41.0	–	47.0	47.0	–	55.0	55.0	
SODDING SY	–	12.3	12.5	–	13.6	13.9	–	15.6	15.9	

TYPE 2-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	16.8	19.2	–	22.2	25.4	–	27.5	31.6	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	28.0	32.0	–	32.0	36.8	–	37.3	43.0	
ADA LINEAR GRADING LF	–	41.0	41.0	–	47.0	47.0	–	55.0	55.0	
SODDING SY	–	20.2	20.3	–	22.4	23.2	–	26.4	27.2	

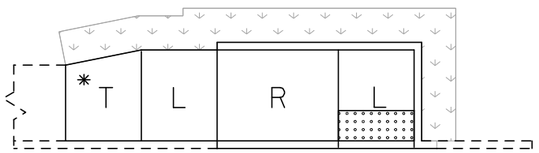
TYPE 2-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	10.8	11.5	–	13.2	14.4	–	15.7	17.3	
CONC. SIDEWALK SY	–	5.6	6.7	–	5.0	6.0	–	5.0	6.0	
TYPE 1 AGGREGATE SY	–	16.4	18.2	–	18.2	20.4	–	20.7	23.3	
ADA LINEAR GRADING LF	–	22.5	22.5	–	26.5	26.5	–	30.5	30.5	
SODDING SY	–	–	–	–	–	–	–	–	–	
HANDRAIL LF	–	–	–	–	–	–	–	–	–	SEE STANDARDS FOR LENGTH

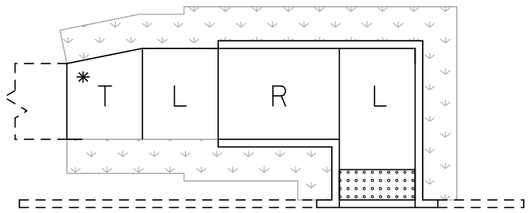
TYPE 2-F

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	10.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.5	17.1	–	20.4	23.1	–	25.5	28.9	
CONC. SIDEWALK SY	–	11.2	13.4	–	10.0	12.0	–	10.0	12.0	
TYPE 1 AGGREGATE SY	–	26.7	30.5	–	30.4	35.1	–	35.5	40.9	
ADA LINEAR GRADING LF	–	39.0	39.0	–	47.0	47.0	–	55.0	55.0	
SODDING SY	–	–	–	–	–	–	–	–	–	
HANDRAIL LF	–	–	–	–	–	–	–	–	–	SEE STANDARDS FOR LENGTH

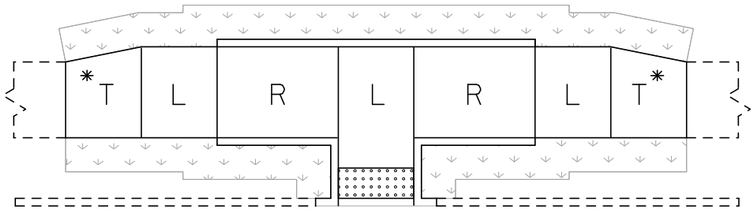
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



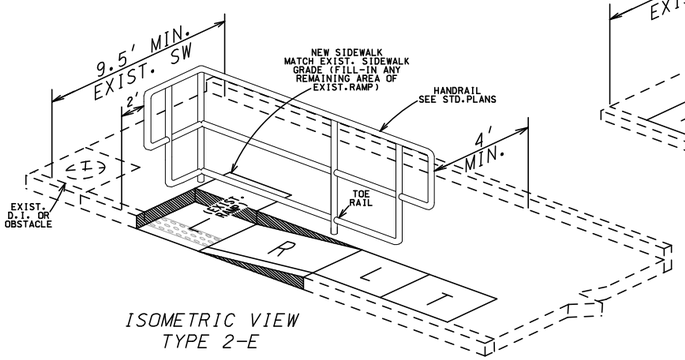
TYPE 2-A



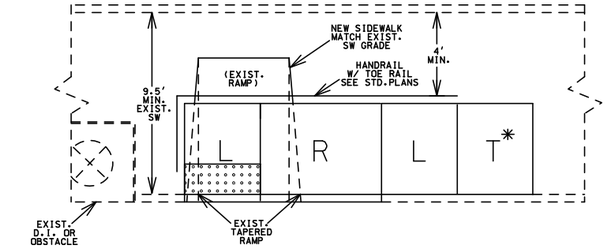
TYPE 2-B



TYPE 2-D



ISOMETRIC VIEW
TYPE 2-E



TYPE 2-E

USE ONLY WHEN TYPE 2-F IS UNABLE TO BE CONSTRUCTED DUE TO AN EXIST. D.I. OR OTHER OBSTACLE

SEE STANDARDS FOR HANDRAIL SPECS

** 3.5' LANDING EXTENSION REQ'D. FOR INSTALLATION OF FUTURE OR NEW PED. PUSH BUTTON

NOTE: SEE STANDARDS FOR ALL PED. PUSH BUTTON LOCATIONS

– TRUNCATED DOMES

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

T – TRANSITION TO EXISTING SW

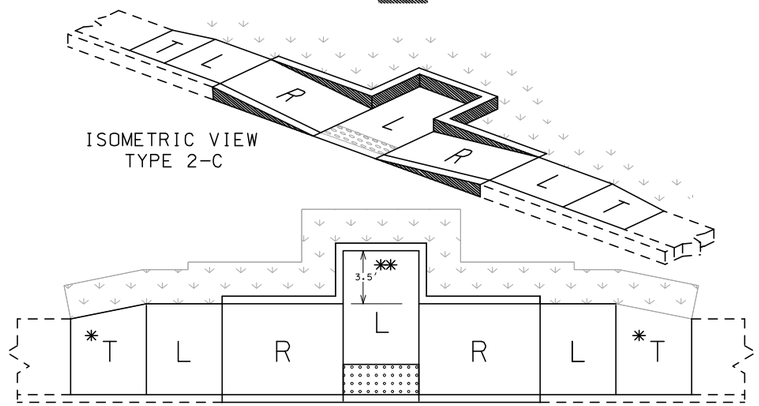
* – T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L – LANDING

R – RAMP

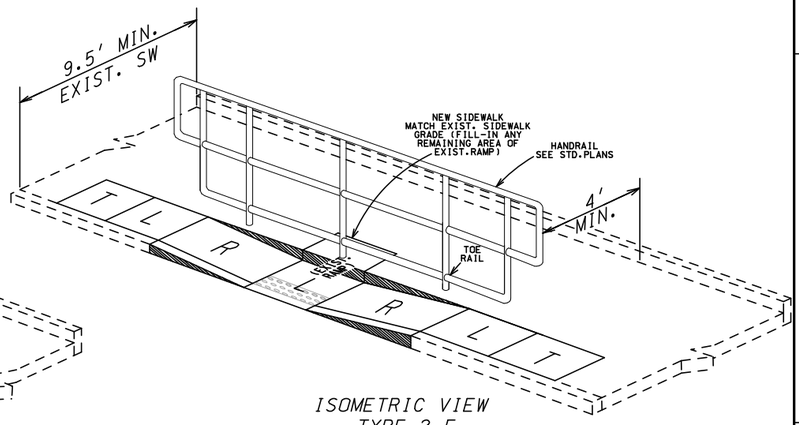
– SOD SLOPE 6:1 MIN.

– CURB RAMP PAY LIMITS

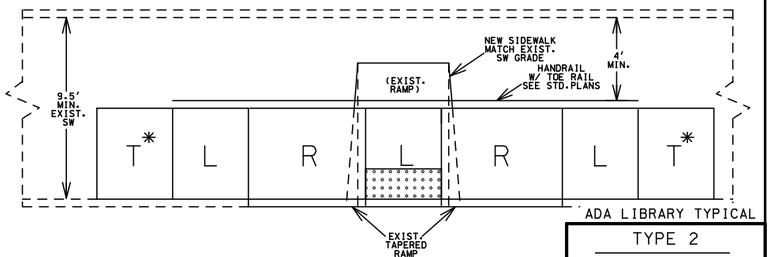


ISOMETRIC VIEW
TYPE 2-C

TYPE 2-C



ISOMETRIC VIEW
TYPE 2-F



TYPE 2-F

SEE STANDARDS FOR HANDRAIL SPECS

REVISED: 2022-05-18

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TYPE 2
PARALLEL CURB RAMPS

TYPICAL SHEET 5 OF 10

PARALLEL - TYPE 2 (cont'd.)

TYPE 2-G

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	20.8	23.7	–	25.8	30.2	
CONC. SIDEWALK SY	–	21.4	25.0	–	17.6	20.3	–	15.2	17.5	
TYPE 1 AGGREGATE SY	–	37.1	43.0	–	38.4	44.0	–	41.0	47.7	
ADA LINEAR GRADING LF	–	52.0	52.0	–	54.0	54.0	–	58.0	58.0	
SODDING SY	–	13.6	13.6	–	13.7	13.5	–	14.5	14.9	

TYPE 2-H

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	21.0	24.5	–	26.9	31.4	
CONC. SIDEWALK SY	–	13.2	16.0	–	12.0	14.2	–	12.0	14.4	
TYPE 1 AGGREGATE SY	–	28.9	34.0	–	33.0	38.6	–	38.9	45.8	
ADA LINEAR GRADING LF	–	42.0	42.0	–	49.0	49.0	–	55.0	55.0	
SODDING SY	–	11.1	11.2	–	12.5	12.5	–	14.5	14.9	

T* - IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

T - TRANSITION TO EXISTING SW

L - LANDING

R - RAMP

- SOD SLOPE 6:1 MIN.

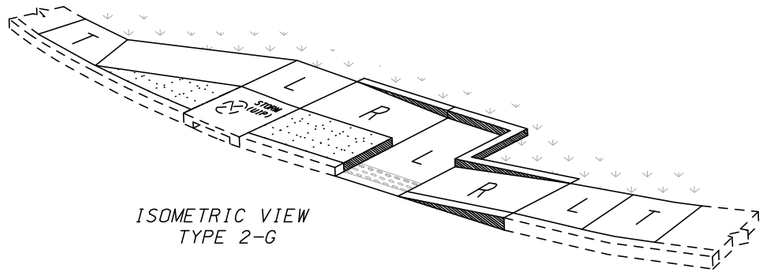
- TRUNCATED DOME LOCATION IF DIST. IS <5' OR > 5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

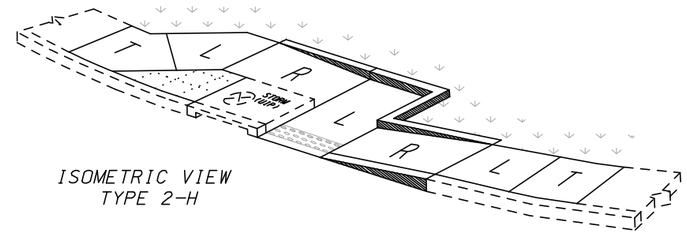
- CURB RAMP PAY LIMITS

- INCLUDED IN 4" CONC. SIDEWALK PAY LIMIT

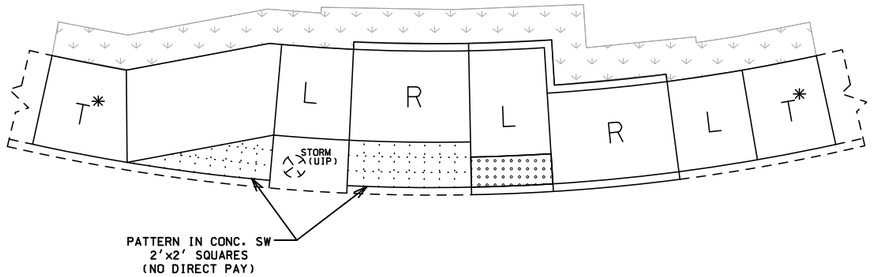
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



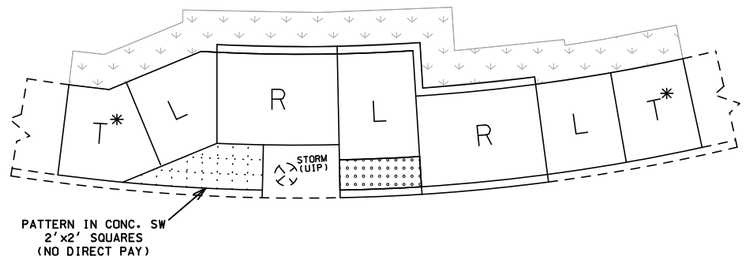
ISOMETRIC VIEW
TYPE 2-G



ISOMETRIC VIEW
TYPE 2-H



TYPE 2-G



TYPE 2-H

ADA LIBRARY TYPICAL

TYPE 2

PARALLEL CURB RAMPS

TYPICAL SHEET 6 OF 10

REVISED: 2022-05-18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025

ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

DIAGONAL – TYPE 3

TYPE 3-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	20.6	25.0	–	20.6	25.0	
CURB RAMP SY	–	24.4	27.0	–	26.9	31.2	–	32.2	37.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	35.6	39.8	–	36.7	42.6	–	42.0	48.8	
ADA LINEAR GRADING LF	–	51.0	51.0	–	59.0	59.0	–	67.0	67.0	
SODDING SY	–	11.6	11.4	–	12.9	12.9	–	14.9	14.9	
8"SW OR MED STRIP SY	–	3.0	2.2	–	3.0	2.2	–	3.0	2.2	

TYPE 3-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	20.6	25.0	–	20.6	25.0	
CURB RAMP SY	–	22.0	26.3	–	25.9	31.2	–	31.2	37.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	33.2	39.1	–	35.7	42.6	–	41.0	48.8	
ADA LINEAR GRADING LF	–	51.0	51.0	–	59.0	59.0	–	67.0	67.0	
SODDING SY	–	15.2	15.3	–	17.1	17.5	–	20.1	20.5	
8"SW OR MED STRIP SY	–	1.5	1.5	–	1.5	1.5	–	1.5	1.5	

TYPE 3-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP SY	–	20.7	26.8	–	25.1	31.5	–	30.4	37.7	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	31.9	39.6	–	34.9	42.9	–	40.2	49.1	
ADA LINEAR GRADING LF	–	51.0	51.0	–	58.0	58.0	–	67.0	67.0	
SODDING SY	–	18.8	19.3	–	21.3	22.1	–	25.3	26.1	
8"SW OR MED STRIP SY	–	1.0	1.6	–	1.0	1.6	–	1.0	1.6	

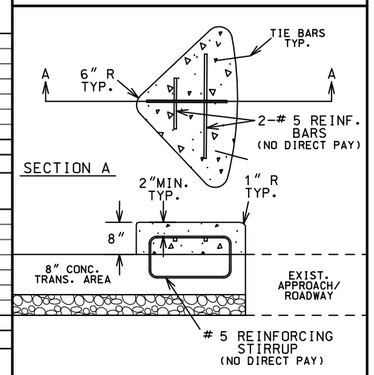
TYPE 3-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	22.4	26.5	–	22.4	26.5	
CURB RAMP SY	–	15.9	19.1	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	21.5	25.5	–	22.6	27.1	–	25.3	30.2	
ADA LINEAR GRADING LF	–	31.0	31.0	–	34.0	34.0	–	38.0	38.0	
SODDING SY	–	12.6	12.9	–	13.5	14.0	–	15.5	16.0	
8"SW OR MED STRIP SY	–	1.0	0.8	–	1.0	0.8	–	1.0	0.8	

TYPE 3-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP SY	–	17.2	19.8	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK SY	–	8.4	10.7	–	7.3	9.4	–	7.3	9.4	
TYPE 1 AGGREGATE SY	–	25.6	30.5	–	25.0	30.8	–	27.7	33.9	
ADA LINEAR GRADING LF	–	30.0	30.0	–	35.5	35.5	–	39.5	39.5	
SODDING SY	–	12.4	12.4	–	12.9	13.3	–	14.9	15.3	
8"SW OR MED STRIP SY	–	1.6	1.6	–	1.6	1.6	–	1.6	1.6	

– DETAIL –
8" SIDEWALK OR 8" MEDIAN STRIP



T' – IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

T – TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED IF CONDITIONS ALLOW)

T* – IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE WITH THE NEW LANDING XSLOPE)

L – LANDING

R – RAMP

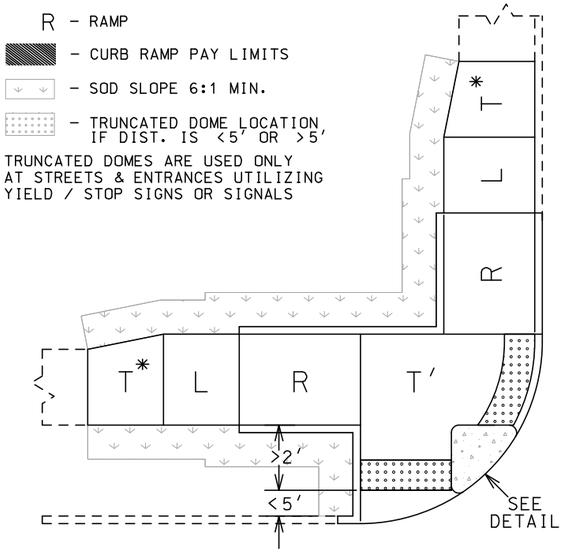
– CURB RAMP PAY LIMITS

– SOD SLOPE 6:1 MIN.

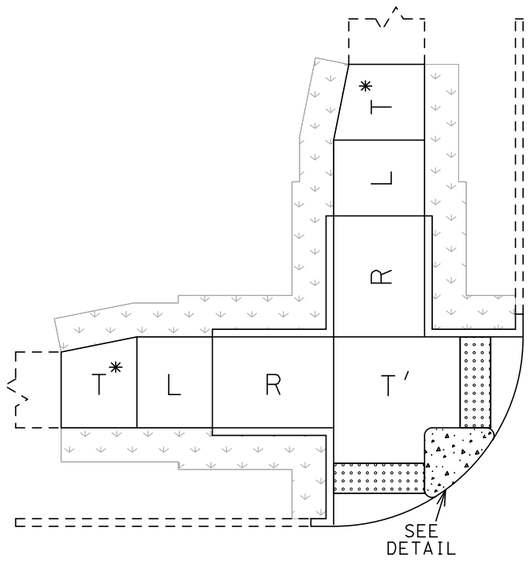
– TRUNCATED DOME LOCATION IF DIST. IS <5' OR >5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

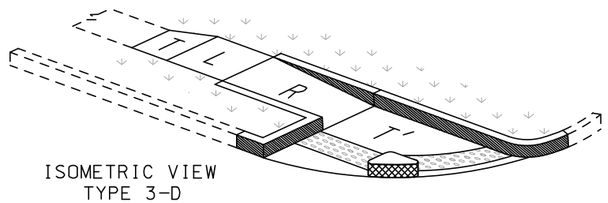
TYPE 3-A



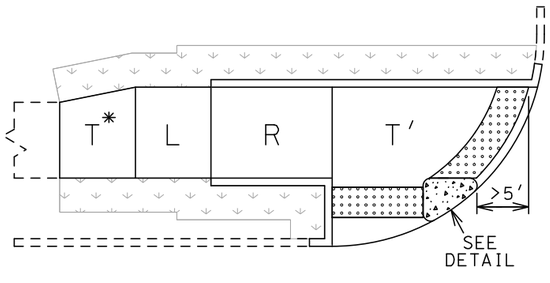
TYPE 3-B



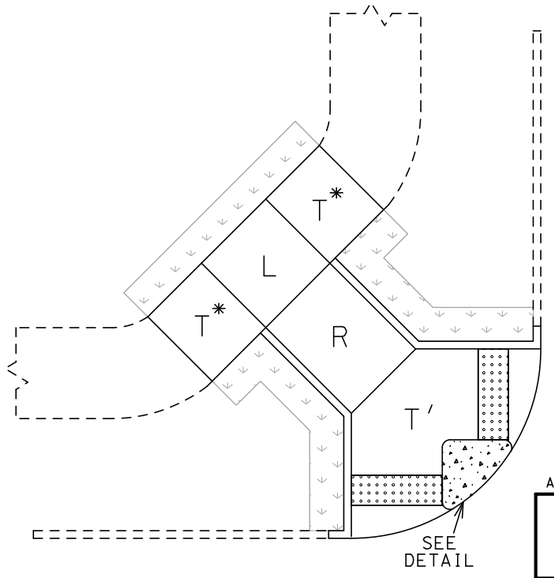
TYPE 3-C



ISOMETRIC VIEW
TYPE 3-D



TYPE 3-D



TYPE 3-E

ADA LIBRARY TYPICAL

TYPE 3
DIAGONAL CURB RAMPS

TYPICAL SHEET 7 OF 10

REVISED: 2022-05-18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY JASPER

JOB NO. J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

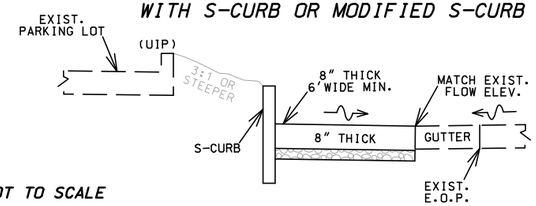
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REVISED: 2022-05-16

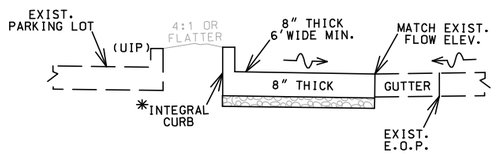
NOTES FOR MODIFIED SIDEWALK:

1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 8" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ADJACENT TO MODIFIED SIDEWALK.
5. MODIFIED SIDEWALK PAID FOR AS 8" SIDEWALK.
6. 6' MINIMUM WIDTH.
7. NO DIRECT PAY FOR SAW CUTS AND TIE BARS (ON 12" CENTERS MAX.)
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

SECTION A-A
WITH S-CURB OR MODIFIED S-CURB



SECTION A-A
WITH INTEGRAL CURB

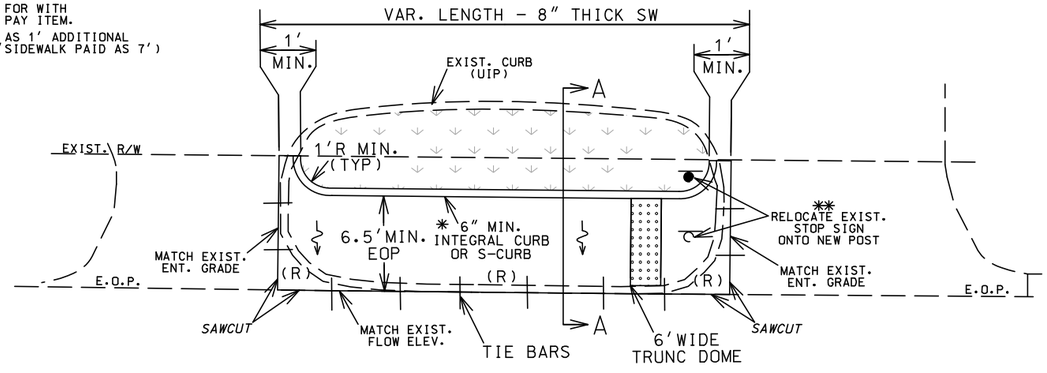


NOT TO SCALE

* INTEGRAL CURB IS PAID FOR WITH THE 8" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

TYPICAL
MODIFIED SIDEWALK
8" THICK

** TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP/YIELD SIGNS OR SIGNALS.

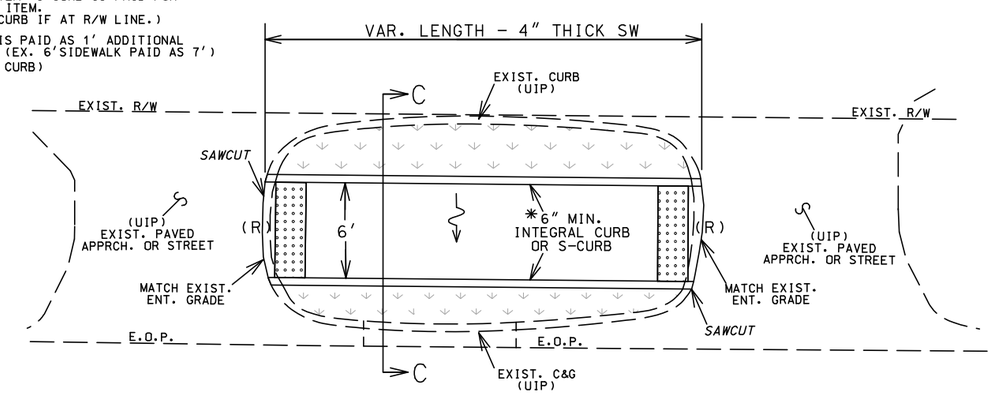


NOTES FOR CUT-THRU SIDEWALK:

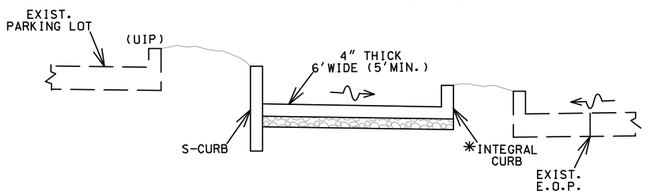
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ON BOTH SIDES ADJACENT TO SIDEWALK.
5. CUT-THRU SIDEWALK PAID FOR AS 4" SIDEWALK.
6. 6' PREFERRED WIDTH (5' MIN.)
7. SAW CUTS (NO DIRECT PAY).
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

* INTEGRAL CURB IS PAID FOR AS 4" CONC. SIDEWALK PAY ITEM. S-CURB IS PAID FOR AS ITS OWN PAY ITEM. (ALWAYS USE S-CURB IF AT R/W LINE.)
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

TYPICAL
CUT-THRU SIDEWALK



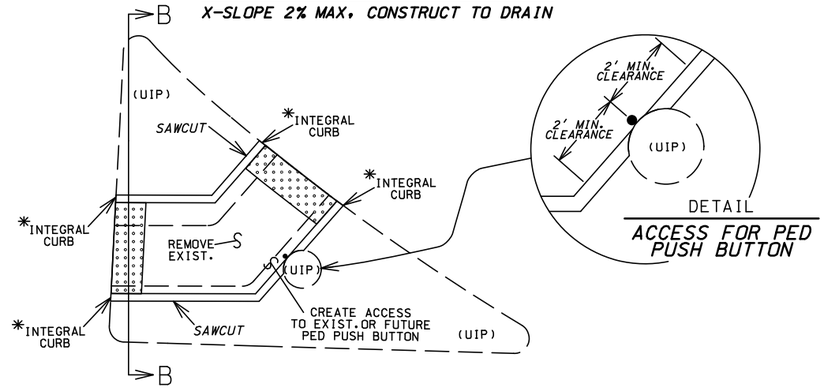
SECTION C-C
WITH S-CURB OR INTEGRAL



NOT TO SCALE

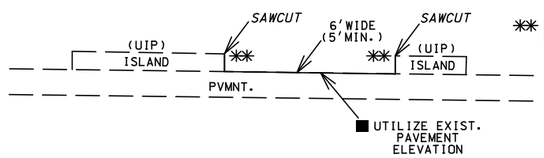
NOT TO SCALE

TYPICAL
ISLAND CUT-THRU SIDEWALK
X-SLOPE 2% MAX. CONSTRUCT TO DRAIN



DETAIL
ACCESS FOR PED PUSH BUTTON

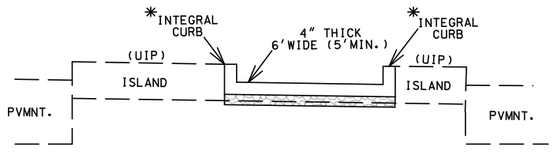
SECTION B-B
ISLAND CUT-THRU SIDEWALK
FOR EXISTING 'PINNED-ON' ISLAND



■ SMALL QTY. HAS BEEN INCLUDED FOR 8" THICK SIDEWALK TO ADDRESS ANY UNFORSEEN PVMNT. REPAIRS OR DIFFERENCES IN ELEVATION. (UNDERRUN IF FIELD CONDITIONS DO NOT WARRANT)

** NO INTEGRAL CURB, AGGR. OR LIN. GRADING REQUIRED IF THE ISLAND IS 'PINNED-ON'

SECTION B-B
ISLAND CUT-THRU SIDEWALK



* INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

ADA LIBRARY TYPICAL

MODIFIED SIDEWALK AND SIDEWALK CUT-THRUs

TYPICAL SHEET 8 OF 10

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED: 8/4/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

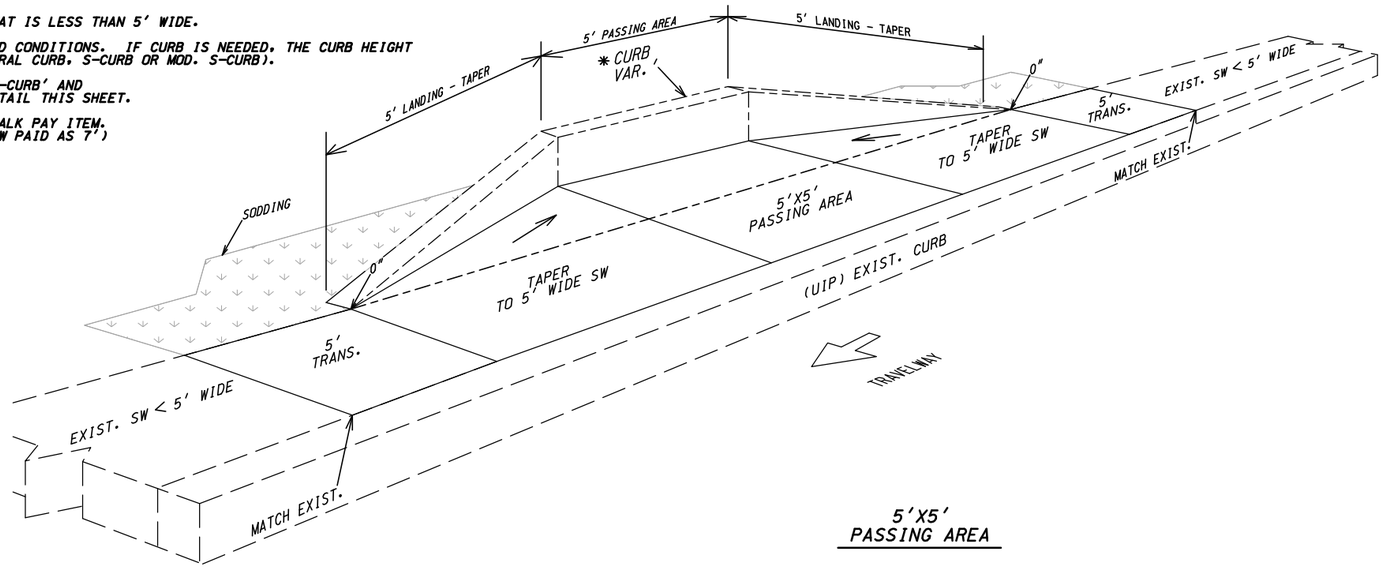
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REVISED: 2024-01-18

NOTES:

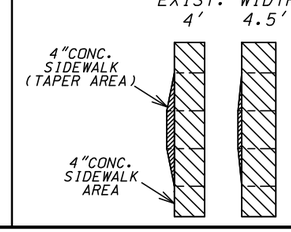
1. PASSING AREA REQUIRED EVERY 200' ON SIDEWALK THAT IS LESS THAN 5' WIDE.
2. * CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS NEEDED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
4. ** INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6' SW PAID AS 7') (0.11 SY/LF OF CURB)



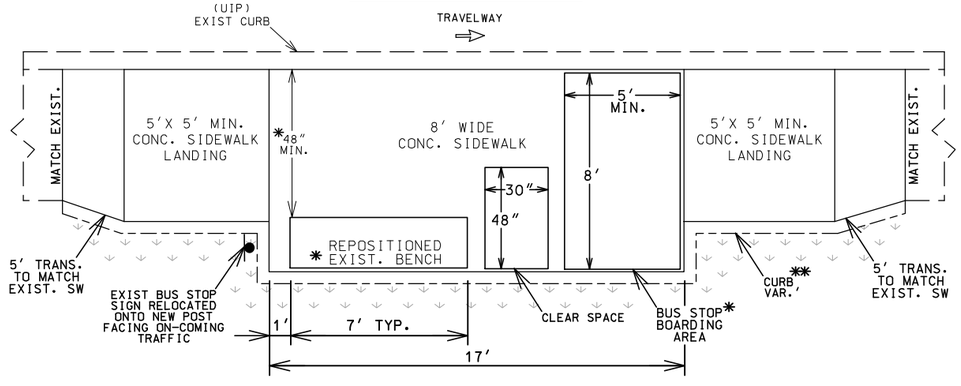
5'X5' PASSING AREA

NOT TO SCALE

QUANTITIES FOR PASSING AREAS				
EXISTING SW WIDTH			4'	4.5'
4" CONC. SIDEWALK (TAPER)		SY	1.3	0.7
TYPE 1 AGGREGATE		SY	1.3	0.7
4" CONC. SIDEWALK		SY	10.4	11.7
TYPE 1 AGGREGATE		SY	10.4	11.7
INTEGRAL CURB	**	SY	2.0	2.0
TYPE 1 AGGREGATE		SY	1.0	1.0
S-CURB		LF	17.2	16.0
MODIFIFED S-CURB		LF	17.2	16.0
SODDING		SY	53.0	53.0
LINEAR GRADING		LF	25.0	25.0



BUS STOP WITH BENCH



NOTES:

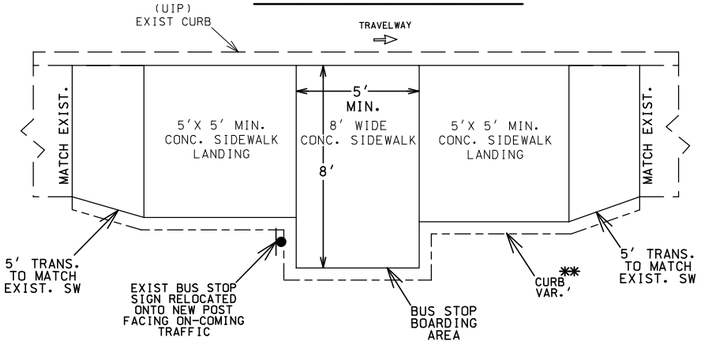
* 1. THE REPOSITIONED BENCH SHALL NOT BE PLACED ON THE 5'X8' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH AT THE BACK EDGE OF THE CONC. PAD TO PROVIDE MAX.CLEARANCE.

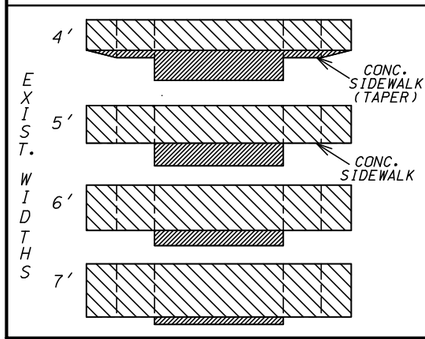
** 2. CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS NEEDED DUE TO CUT, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).

3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.

*** 4. INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. INTEGRAL CURB PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6'SW PAID AS 7') (0.11 SY/LF OF CURB)

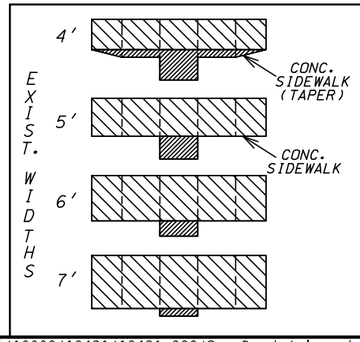
BUS STOP WITHOUT BENCH





QUANTITIES FOR BUS STOPS WITH BENCH					
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	9.3	5.8	3.9	1.9
TYPE 1 AGGREGATE	SY	9.3	5.8	3.9	1.9
4" CONC. SIDEWALK	SY	16.5	20.4	24.3	28.2
TYPE 1 AGGREGATE	SY	16.5	20.4	24.3	28.2
INTEGRAL CURB ***	SY	5.4	3.4	3.2	2.9
TYPE 1 AGGREGATE	SY	2.7	1.7	1.6	1.5
S-CURB	LF	43.5	27.0	25.0	23.0
MODIFIFED S-CURB	LF	43.5	27.0	25.0	23.0
SODDING	SY	10.6	10.4	9.8	9.4
LINEAR GRADING	LF	37.0	37.0	37.0	37.0

NOT TO SCALE



QUANTITIES FOR BUS STOPS - NO BENCH					
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	3.9	1.8	1.3	0.7
TYPE 1 AGGREGATE	SY	3.9	1.8	1.3	0.7
4" CONC. SIDEWALK	SY	10.4	12.9	15.5	18.0
TYPE 1 AGGREGATE	SY	10.4	12.9	15.5	18.0
INTEGRAL CURB ***	SY	3.8	2.0	1.8	1.6
TYPE 1 AGGREGATE	SY	1.9	1.0	0.9	0.8
S-CURB	LF	31.0	15.0	13.0	11.0
MODIFIFED S-CURB	LF	31.0	15.0	13.0	11.0
SODDING	SY	7.6	7.4	6.8	6.4
LINEAR GRADING	LF	25.0	25.0	25.0	25.0

ADA LIBRARY TYPICAL

PASSING AREAS AND BUS STOPS

TYPICAL SHEET 9 OF 10

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2

COUNTY JASPER

JOB NO. J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
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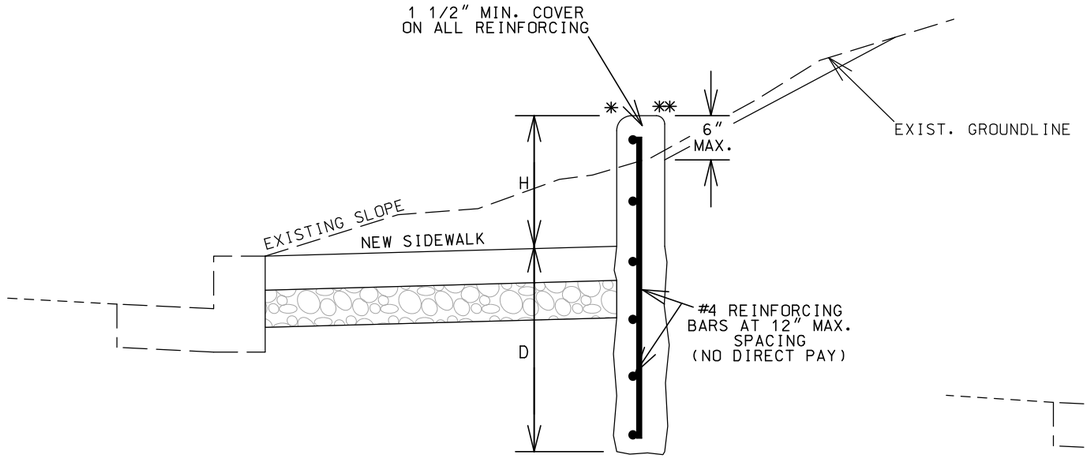
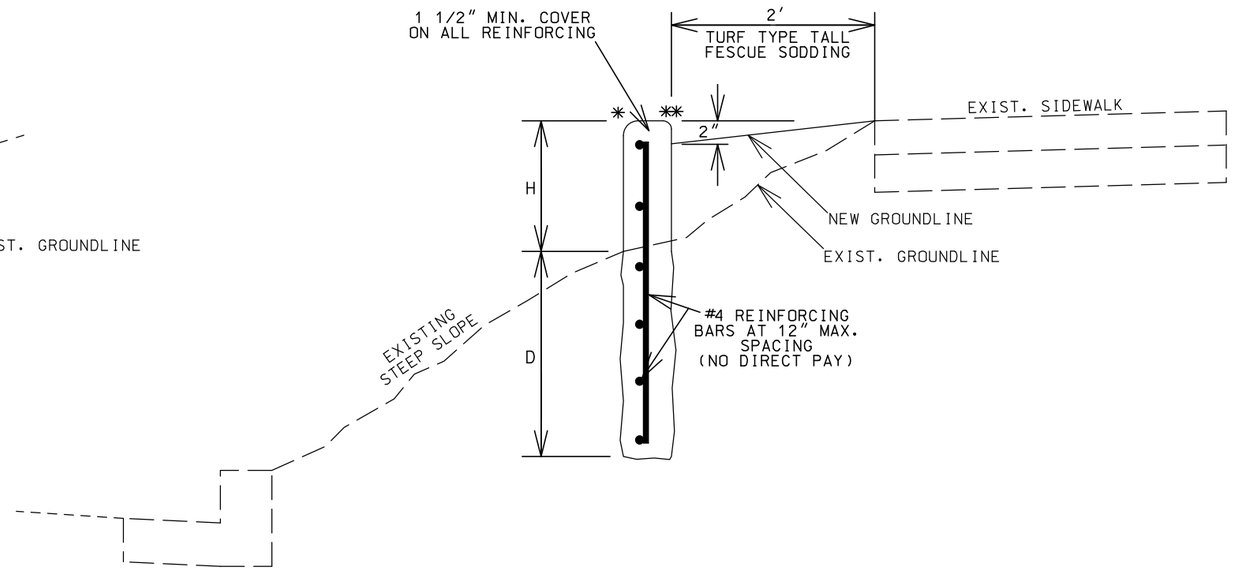
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CREATED: 2023-11-16
REVISED: 2024-02-13

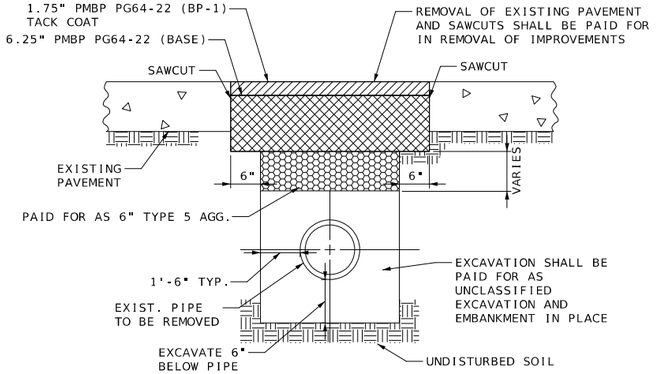
* ROUND TO 3/4" RADIUS
** ROUND TO 1/4" RADIUS
H = 2'-6" MAX. (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER.
VERTICAL REINFORCING LENGTHS VARY AS NEEDED.
DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK

MODIFIED S-CURB
> 12" TALL (2'-6" MAX.)



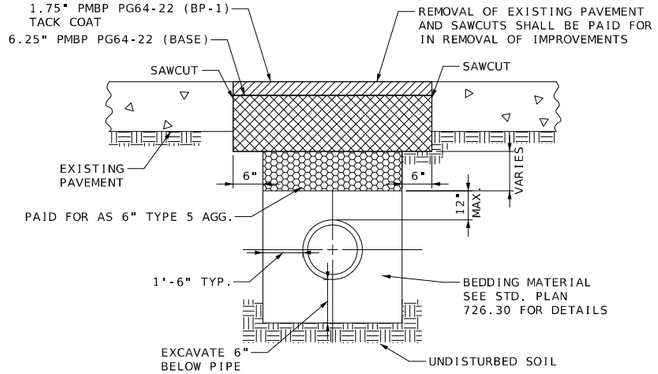


NOT TO SCALE



PAVEMENT REPAIR DETAIL FOR EXISTING PIPE REMOVAL

NOTE:
FOR EXISTING PAVEMENT ONLY. PAVEMENT REPAIR NOT ALLOWED ON NEW PAVEMENT.



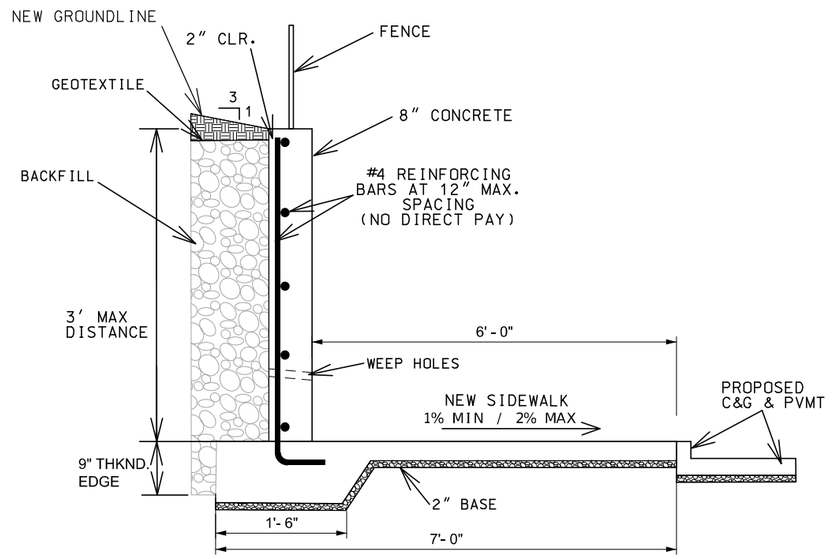
PAVEMENT REPAIR DETAIL FOR CULVERT INSTALLATIONS

NOTE:
FOR EXISTING PAVEMENT ONLY. PAVEMENT REPAIR NOT ALLOWED ON NEW PAVEMENT.

TEMPORARY PAVEMENT REPAIR

TEMPORARY PAVEMENT

NOT TO SCALE



MODIFIED S-CURB
> 12" TALL (3'-0" MAX.)
POURED CONCRETE SIDEWALK WALL

ADA LIBRARY TYPICAL

MODIFIED S-CURB

NOT TO SCALE

TYPICAL SHEET
10 OF 10

STATE OF MISSOURI
MELISSA ANN WILHEIRS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
8/4/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	2
COUNTY	
JASPER	
JOB NO.	
J7S2185E,G	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REMOVAL OF IMPROVEMENTS (TABLE 1 OF 4)

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNITS	REMARKS
RTE 66	51+10.00	23+15.74	LT-RT	PAVEMENT REMOVAL	36690.8	SY	160' SAW CUT
RTE 66	51+10.00	51+90.62	LT	SIDEWALK	43.8	SY	6' SAW CUT
RTE 66	51+10.00	51+92.68	RT	SIDEWALK	40.1	SY	5' SAW CUT
RTE 66	52+74.42	53+57.80	LT	SIDEWALK	34.9	SY	
RTE 66	52+32.75	53+89.62	RT	SIDEWALK	71.8	SY	
RTE 66	53+73.19	55+31.85	LT	SIDEWALK	77.7	SY	
RTE 66	54+12.73	55+28.92	RT	SIDEWALK	66.5	SY	5' SAW CUT
RTE 66	55+60.94	56+16.18	RT	SIDEWALK	30.8	SY	
RTE 66	55+63.35	58+62.23	LT	SIDEWALK	176.4	SY	
RTE 66	56+36.18	56+55.30	RT	SIDEWALK	9.2	SY	
RTE 66	56+75.30	57+19.43	RT	SIDEWALK	21.7	SY	
RTE 66	57+31.93	57+51.61	RT	SIDEWALK	9.5	SY	
RTE 66	57+76.61	58+59.51	RT	SIDEWALK	45.0	SY	
RTE 66	58+90.71	61+89.66	RT	SIDEWALK	152.5	SY	
RTE 66	58+93.27	59+55.80	LT	SIDEWALK	53.7	SY	7' SAW CUT
RTE 66	59+84.69	61+16.70	LT	SIDEWALK	69.1	SY	
RTE 66	61+35.59	61+92.18	LT	SIDEWALK	32.6	SY	
RTE 66	62+20.99	63+48.51	RT	SIDEWALK	68.5	SY	5' SAW CUT
RTE 66	62+23.07	63+49.25	LT	SIDEWALK	67.4	SY	5' SAW CUT
RTE 66	63+55.90	65+19.30	RT	SIDEWALK	79.8	SY	
RTE 66	63+61.25	63+79.25	LT	SIDEWALK	8.9	SY	
RTE 66	63+91.25	64+32.17	LT	SIDEWALK	20.2	SY	
RTE 66	64+44.17	65+20.77	LT	SIDEWALK	42.4	SY	
RTE 66	65+50.37	66+02.00	RT	SIDEWALK	27.8	SY	
RTE 66	65+51.56	66+70.89	LT	SIDEWALK	66.6	SY	
RTE 66	66+42.06	67+68.68	RT	SIDEWALK	57.5	SY	
RTE 66	66+89.89	67+90.29	LT	SIDEWALK	60.3	SY	
RTE 66	68+08.18	68+49.05	RT	SIDEWALK	24.0	SY	
RTE 66	68+09.29	68+51.62	LT	SIDEWALK	25.5	SY	
RTE 66	68+80.15	69+24.02	RT	SIDEWALK	29.2	SY	5' SAW CUT
RTE 66	68+82.63	71+79.76	LT	SIDEWALK	164.2	SY	
RTE 66	69+44.52	71+21.32	RT	SIDEWALK	104.8	SY	
RTE 66	71+45.32	71+74.14	RT	SIDEWALK	19.7	SY	
RTE 66	72+10.87	72+91.12	LT	SIDEWALK	45.5	SY	
RTE 66	72+15.06	72+44.85	RT	SIDEWALK	18.4	SY	
RTE 66	72+63.35	72+93.47	RT	SIDEWALK	14.8	SY	
RTE 66	73+12.58	73+31.62	RT	SIDEWALK	9.9	SY	
RTE 66	73+40.45	74+85.41	LT	SIDEWALK	75.9	SY	
RTE 66	73+90.65	74+82.57	RT	SIDEWALK	49.9	SY	
RTE 66	75+14.17	76+07.97	RT	SIDEWALK	52.4	SY	5' SAWCUT
RTE 66	75+16.35	75+65.35	LT	SIDEWALK	30.6	SY	
RTE 66	75+86.23	76+83.99	LT	SIDEWALK	51.3	SY	
RTE 66	76+27.97	76+50.48	RT	SIDEWALK	9.7	SY	
RTE 66	76+95.35	77+24.35	RT	SIDEWALK	12.3	SY	
RTE 66	77+16.38	77+80.03	LT	SIDEWALK	32.3	SY	
RTE 66	77+41.63	77+83.18	RT	SIDEWALK	44.4	SY	5' SAWCUT
RTE 66	78+25.90	2+24.64	LT	SIDEWALK	121.2	SY	
RTE 66	78+24.45	0+56.09	RT	SIDEWALK	61.4	SY	5' SAW CUT
RTE 66	0+73.09	0+95.50	RT	SIDEWALK	11.7	SY	
RTE 66	1+34.77	1+97.47	RT	SIDEWALK	27.6	SY	
RTE 66	2+39.05	3+16.51	RT	SIDEWALK	38.2	SY	
RTE 66	2+59.28	3+16.06	LT	SIDEWALK	27.1	SY	
RTE 66	3+35.32	3+92.31	LT	SIDEWALK	28.0	SY	
RTE 66	3+73.86	3+92.62	RT	SIDEWALK	8.3	SY	
RTE 66	4+14.81	4+40.73	LT	SIDEWALK	13.3	SY	
RTE 66	4+04.62	4+42.05	RT	SIDEWALK	18.5	SY	
RTE 66	4+58.30	5+47.15	RT	SIDEWALK	44.7	SY	
RTE 66	4+70.23	4+99.88	LT	SIDEWALK	15.1	SY	
RTE 66	5+28.88	5+39.88	LT	SIDEWALK	5.3	SY	
RTE 66	5+73.50	7+96.77	RT	SIDEWALK	111.2	SY	
RTE 66	5+90.28	6+23.06	LT	SIDEWALK	16.0	SY	
RTE 66	6+69.60	6+96.45	LT	SIDEWALK	16.0	SY	
RTE 66	7+28.49	8+11.74	LT	SIDEWALK	41.0	SY	
RTE 66	8+35.90	12+11.24	RT	SIDEWALK	182.0	SY	5' SAW CUT
RTE 66	8+43.43	15+00.71	LT	SIDEWALK	290.2	SY	
RTE 66	12+40.97	13+17.95	RT	SIDEWALK	34.6	SY	
RTE 66	13+37.67	14+02.70	RT	SIDEWALK	25.9	SY	
RTE 66	14+32.85	14+92.48	RT	SIDEWALK	25.7	SY	
RTE 66	15+02.15	16+00.47	RT	SIDEWALK	42.2	SY	
RTE 66	16+36.06	17+58.09	RT	SIDEWALK	52.6	SY	
RTE 66	15+10.28	15+78.98	LT	SIDEWALK	30.9	SY	
RTE 66	16+52.33	19+21.44	LT	SIDEWALK	104.9	SY	
RTE 66	17+88.15	19+35.59	RT	SIDEWALK	64.7	SY	
RTE 66	19+95.26	23+14.67	RT	SIDEWALK	139.5	SY	5' SAW CUT
RTE 66	19+93.43	23+16.24	LT	SIDEWALK	153.4	SY	5' SAW CUT

REMOVAL OF IMPROVEMENTS (TABLE 2 OF 4)

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNITS	REMARKS
RTE 66	51+10.00	51+81.33	LT	CURB	71.3	FT	ST. LOUIS AVE
RTE 66	51+10.00	51+27.31	RT	CURB	17.3	FT	ST. LOUIS AVE
RTE 66	52+46.71	52+59.69	RT	CURB	13.0	FT	ST. LOUIS AVE
RTE 66	52+99.25	53+81.25	LT	CURB	82.0	FT	ST. LOUIS AVE - ST. CHARLES AVE
RTE 66	53+12.08	53+48.13	LT	CURB	36.1	FT	ST. LOUIS AVE - ST. CHARLES AVE
RTE 66	53+82.75	54+22.96	LT	CURB	40.2	FT	ST. LOUIS AVE - ST. CHARLES AVE
RTE 66	54+20.47	55+16.19	RT	CURB	95.7	FT	ST. LOUIS AVE - ST. CHARLES AVE
RTE 66	54+52.94	55+15.69	LT	CURB	62.8	FT	ST. LOUIS AVE - ST. CHARLES AVE
RTE 66	55+75.68	56+07.84	RT	CURB	32.2	FT	ST. CHARLES AVE - PARK AVE
RTE 66	55+76.82	55+98.32	LT	CURB	21.5	FT	ST. CHARLES AVE - PARK AVE
RTE 66	56+45.02	56+59.77	LT	CURB	14.8	FT	ST. CHARLES AVE - PARK AVE
RTE 66	56+83.02	57+11.97	RT	CURB	28.9	FT	ST. CHARLES AVE - PARK AVE
RTE 66	56+95.89	58+48.35	LT	CURB	152.5	FT	ST. CHARLES AVE - PARK AVE
RTE 66	57+83.96	58+47.91	RT	CURB	63.9	FT	ST. CHARLES AVE - PARK AVE
RTE 66	59+04.51	61+76.46	RT	CURB	272.0	FT	PARK AVE - HIGHLAND AVE
RTE 66	59+09.96	59+45.49	LT	CURB	35.5	FT	PARK AVE - HIGHLAND AVE
RTE 66	59+94.97	61+07.71	LT	CURB	112.7	FT	PARK AVE - HIGHLAND AVE
RTE 66	61+45.90	61+77.16	LT	CURB	31.3	FT	HIGHLAND AVE
RTE 66	62+34.68	62+74.68	RT	CURB	40.0	FT	HIGHLAND AVE - FOREST AVE
RTE 66	62+38.25	63+39.59	LT	CURB	101.3	FT	HIGHLAND AVE - FOREST AVE
RTE 66	63+65.29	63+85.29	RT	CURB	20.0	FT	HIGHLAND AVE - FOREST AVE
RTE 66	63+99.81	64+25.17	LT	CURB	25.4	FT	HIGHLAND AVE - FOREST AVE
RTE 66	64+14.61	65+06.01	RT	CURB	91.4	FT	HIGHLAND AVE - FOREST AVE
RTE 66	64+49.61	65+05.10	LT	CURB	55.5	FT	HIGHLAND AVE - FOREST AVE
RTE 66	65+62.08	65+95.06	RT	CURB	33.0	FT	FOREST AVE - MCCONNELL AVE
RTE 66	65+65.76	66+13.19	LT	CURB	47.4	FT	FOREST AVE - MCCONNELL AVE
RTE 66	66+41.80	66+63.58	LT	CURB	21.8	FT	FOREST AVE - MCCONNELL AVE
RTE 66	66+50.51	67+60.43	RT	CURB	109.9	FT	FOREST AVE - MCCONNELL AVE
RTE 66	66+99.13	67+78.87	LT	CURB	79.7	FT	FOREST AVE - MCCONNELL AVE
RTE 66	68+07.73	68+38.84	LT	CURB	31.1	FT	MCCONNELL AVE
RTE 66	68+18.04	68+34.72	RT	CURB	16.7	FT	MCCONNELL AVE
RTE 66	68+94.03	69+16.43	RT	CURB	22.4	FT	MCCONNELL AVE - PATTERSON AVE
RTE 66	68+96.71	69+08.73	LT	CURB	12.0	FT	MCCONNELL AVE - PATTERSON AVE
RTE 66	69+52.65	71+16.64	RT	CURB	164.0	FT	MCCONNELL AVE - PATTERSON AVE
RTE 66	71+08.72	71+64.37	LT	CURB	55.6	FT	MCCONNELL AVE - PATTERSON AVE
RTE 66	71+53.38	71+63.56	RT	CURB	10.2	FT	PATTERSON AVE
RTE 66	72+24.12	72+35.69	RT	CURB	11.6	FT	PATTERSON AVE - BROWNELL AVE
RTE 66	72+24.12	72+82.47	LT	CURB	58.4	FT	PATTERSON AVE - BROWNELL AVE
RTE 66	72+73.08	72+84.46	RT	CURB	11.4	FT	PATTERSON AVE - BROWNELL AVE
RTE 66	73+48.54	73+75.74	LT	CURB	27.2	FT	PATTERSON AVE - BROWNELL AVE
RTE 66	73+99.70	74+70.05	RT	CURB	70.4	FT	BROWNELL AVE
RTE 66	74+12.81	74+31.24	LT	CURB	18.4	FT	PATTERSON AVE - BROWNELL AVE
RTE 66	75+29.22	75+57.31	LT	CURB	28.1	FT	BROWNELL AVE - FLORIDA AVE
RTE 66	75+53.41	76+00.43	RT	CURB	47.0	FT	BROWNELL AVE - FLORIDA AVE
RTE 66	75+94.56	76+76.83	LT	CURB	82.3	FT	BROWNELL AVE - FLORIDA AVE
RTE 66	77+22.81	77+64.92	LT	CURB	42.1	FT	FLORIDA AVE
RTE 66	78+36.41	0+02.86	RT	CURB	8.5	FT	FLORIDA AVE - OZARK AVE
RTE 66	78+37.54	0+23.86	LT	CURB	28.4	FT	FLORIDA AVE - OZARK AVE
RTE 66	0+30.09	0+51.24	RT	CURB	21.2	FT	FLORIDA AVE - OZARK AVE
RTE 66	0+77.16	0+89.22	RT	CURB	12.1	FT	FLORIDA AVE - OZARK AVE
RTE 66	0+82.04	2+22.15	LT	CURB	140.1	FT	FLORIDA AVE - OZARK AVE
RTE 66	1+44.06	1+87.08	RT	CURB	43.0	FT	FLORIDA AVE - OZARK AVE
RTE 66	2+50.72	3+09.02	RT	CURB	58.3	FT	FLORIDA AVE - OZARK AVE
RTE 66	2+65.71	3+11.02	LT	CURB	45.3	FT	FLORIDA AVE - OZARK AVE
RTE 66	3+41.36	3+87.34	LT	CURB	46.0	FT	FLORIDA AVE - OZARK AVE
RTE 66	4+09.42	4+35.53	RT	CURB	26.1	FT	FLORIDA AVE - OZARK AVE
RTE 66	4+20.31	4+37.25	LT	CURB	16.9	FT	FLORIDA AVE - OZARK AVE
RTE 66	4+63.98	5+38.97	RT	CURB	75.0	FT	FLORIDA AVE - OZARK AVE
RTE 66	4+74.56	4+95.58	LT	CURB	21.0	FT	FLORIDA AVE - OZARK AVE
RTE 66	5+79.77	6+66.96	RT	CURB	87.2	FT	FLORIDA AVE - OZARK AVE
RTE 66	5+95.55	6+18.72	LT	CURB	23.2	FT	FLORIDA AVE - OZARK AVE
RTE 66	6+90.46	7+73.88	RT	CURB	84.3	FT	FLORIDA AVE - OZARK AVE
RTE 66	7+43.77	8+01.03	LT	CURB	57.3	FT	FLORIDA AVE - OZARK AVE
RTE 66	8+53.82	14+95.42	LT	CURB	641.6	FT	OZARK AVE - HIGHVIEW AVE
RTE 66	8+61.63	11+95.37	RT	CURB	333.7	FT	OZARK AVE - HIGHVIEW AVE
RTE 66	12+83.23	13+05.90	RT	CURB	22.7	FT	OZARK AVE - HIGHVIEW AVE
RTE 66	13+44.55	13+90.56	RT	CURB	46.0	FT	OZARK AVE - HIGHVIEW AVE
RTE 66	14+43.41	14+87.07	RT	CURB	43.7	FT	OZARK AVE - HIGHVIEW AVE
RTE 66	15+07.37	15+87.95	RT	CURB	80.6	FT	OZARK AVE - HIGHVIEW AVE
RTE 66	15+14.10	15+55.12	LT	CURB	41.0	FT	OZARK AVE - HIGHVIEW AVE
RTE 66	16+55.45	17+48.43	RT	CURB	93.0	FT	OZARK AVE - HIGHVIEW AVE
RTE 66	16+99.87	18+95.60	LT	CURB	196.7	FT	OZARK AVE - HIGHVIEW AVE
RTE 66	18+00.83	19+17.56	RT	CURB	116.7	FT	OZARK AVE - HIGHVIEW AVE
RTE 66	20+26.03	23+14.72	RT	CURB	284.2	FT	HIGHVIEW AVE - S RANGELINE RD
RTE 66	20+35.99	23+16.20	LT	CURB	288.7	FT	HIGHVIEW AVE - S RANGELINE RD

SUMMARY OF QUANTITIES

SHEET 1 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/19/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REMOVAL OF IMPROVEMENTS (TABLE 3 OF 4)

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNITS	REMARKS
RTE 66	51+64.57	51+89.39	LT	RETAINING WALL	14.0	LF	RETAINING WALL BLOCKS
RTE 66	51+27.31	51+82.32	RT	PAVED APPROACH	48.1	SY	
RTE 66	51+81.34	53+12.08	LT	PAVED APPROACH	542.9	SY	45' SAWCUT
RTE 66	51+82.32	52+46.71	RT	PAVED APPROACH	352.8	SY	38' SAW CUT
RTE 66	52+59.69	52+99.25	RT	PAVED APPROACH	32.2	SY	
RTE 66	53+48.13	53+82.73	LT	PAVED APPROACH	33.4	SY	15.5' SAW CUT
RTE 66	53+81.35	54+20.47	RT	PAVED APPROACH	54.8	SY	23' SAWCUT
RTE 66	54+22.98	54+52.94	LT	PAVED APPROACH	18.3	SY	
RTE 66	55+16.19	55+75.68	RT	PAVED APPROACH	64.9	SY	32' SAW CUT
RTE 66	55+15.69	55+76.82	LT	PAVED APPROACH	64.5	SY	31.5' SAW CUT
RTE 66	55+98.32	56+45.05	LT	PAVED APPROACH	39.2	SY	
RTE 66	56+07.84	56+83.02	RT	PAVED APPROACH	87.7	SY	40' SAW CUT
RTE 66	56+59.76	56+95.92	LT	PAVED APPROACH	26.3	SY	
RTE 66	57+11.97	57+83.96	RT	PAVED APPROACH	83.5	SY	37.5' SAW CUT
RTE 66	58+47.91	59+04.51	RT	PAVED APPROACH	64.2	SY	31' SAW CUT
RTE 66	58+48.35	59+09.96	LT	PAVED APPROACH	102.8	SY	31' SAW CUT
RTE 66	59+45.49	59+94.97	LT	PAVED APPROACH	80.3	SY	29' SAW CUT
RTE 66	61+07.67	61+45.90	LT	PAVED APPROACH	46.6	SY	19' SAW CUT
RTE 66	61+76.46	62+34.68	RT	PAVED APPROACH	64.0	SY	31' SAW CUT
RTE 66	61+77.16	62+38.25	LT	PAVED APPROACH	65.4	SY	31' SAW CUT
RTE 66	62+74.68	63+11.91	RT	PAVED APPROACH	26.4	SY	
RTE 66	63+39.61	63+65.29	RT	PAVED APPROACH	28.7	SY	12' SAW CUT
RTE 66	63+39.59	63+99.81	LT	PAVED APPROACH	66.3	SY	24' SAW CUT
RTE 66	64+25.17	64+49.61	LT	PAVED APPROACH	23.7	SY	12' SAW CUT
RTE 66	63+85.29	64+14.61	RT	PAVED APPROACH	16.0	SY	
RTE 66	65+05.10	65+65.76	LT	PAVED APPROACH	64.8	SY	31.5' SAW CUT
RTE 66	65+06.01	65+62.08	RT	PAVED APPROACH	62.6	SY	31' SAW CUT
RTE 66	65+95.06	66+50.51	RT	PAVED APPROACH	75.2	SY	41.3' SAW CUT
RTE 66	66+13.19	66+41.79	LT	PAVED APPROACH	17.9	SY	
RTE 66	66+63.54	66+99.15	LT	PAVED APPROACH	43.7	SY	19' SAW CUT
RTE 66	67+60.43	68+18.19	RT	PAVED APPROACH	78.5	SY	39.5' SAW CUT
RTE 66	67+78.82	68+07.79	LT	PAVED APPROACH	44.1	SY	19' SAW CUT
RTE 66	68+34.71	68+94.03	RT	PAVED APPROACH	64.6	SY	31' SAW CUT
RTE 66	68+38.78	68+96.72	LT	PAVED APPROACH	72.4	SY	31' SAW CUT
RTE 66	69+08.73	71+08.72	LT	PAVED APPROACH	191.5	SY	54' SAW CUT
RTE 66	69+16.43	69+52.65	RT	PAVED APPROACH	46.3	SY	21.5' SAW CUT
RTE 66	71+16.64	71+53.38	RT	PAVED APPROACH	59.8	SY	25' SAW CUT
RTE 66	71+63.56	72+24.12	RT	PAVED APPROACH	73.5	SY	41' SAW CUT
RTE 66	71+64.37	71+24.17	LT	PAVED APPROACH	63.8	SY	31.6' SAW CUT
RTE 66	72+35.69	72+73.08	RT	PAVED APPROACH	41.5	SY	
RTE 66	72+82.73	73+48.57	LT	PAVED APPROACH	110.2	SY	49.4' SAW CUT
RTE 66	72+84.46	73+99.72	RT	PAVED APPROACH	181.6	SY	78' SAW CUT
RTE 66	73+75.29	74+12.87	LT	PAVED APPROACH	33.2	SY	
RTE 66	74+31.19	74+71.04	LT	PAVED APPROACH	34.0	SY	
RTE 66	74+71.04	75+29.22	LT	PAVED APPROACH	102.3	SY	31.6' SAW CUT
RTE 66	74+70.05	75+29.14	RT	PAVED APPROACH	65.1	SY	31.6' SAW CUT
RTE 66	75+29.14	75+53.41	RT	PAVED APPROACH	15.9	SY	
RTE 66	75+57.26	75+94.56	LT	PAVED APPROACH	48.9	SY	21' SAW CUT
RTE 66	76+00.43	77+19.51	RT	PAVED APPROACH	158.1	SY	68.6' SAW CUT
RTE 66	76+76.83	77+22.85	LT	PAVED APPROACH	73.7	SY	32.4' SAW CUT
RTE 66	77+19.51	77+56.75	RT	PAVED APPROACH	46.1	SY	22.1' SAW CUT
RTE 66	77+56.75	78+36.46	RT	PAVED APPROACH	226.9	SY	41.5' SAW CUT
RTE 66	77+64.92	78+37.60	LT	PAVED APPROACH	253.9	SY	45' SAW CUT
RTE 66	0+02.82	0+30.09	RT	PAVED APPROACH	26.8	SY	17' SAW CUT
RTE 66	0+23.83	0+82.04	LT	PAVED APPROACH	73.9	SY	36' SAW CUT
RTE 66	0+51.24	0+77.29	RT	PAVED APPROACH	37.5	SY	17' SAW CUT
RTE 66	0+89.22	1+44.06	RT	PAVED APPROACH	80.7	SY	39' SAW CUT
RTE 66	1+87.08	2+50.72	RT	PAVED APPROACH	80.8	SY	37' SAW CUT
RTE 66	2+22.15	2+65.71	LT	PAVED APPROACH	69.2	SY	34' SAW CUT
RTE 66	3+09.02	4+09.42	RT	PAVED APPROACH	129.9	SY	69' SAW CUT
RTE 66	3+11.02	3+41.36	LT	PAVED APPROACH	39.7	SY	19' SAW CUT
RTE 66	3+87.34	4+20.45	LT	PAVED APPROACH	37.9	SY	23' SAW CUT
RTE 66	4+35.53	4+63.98	RT	PAVED APPROACH	30.2	SY	16.2' SAW CUT
RTE 66	4+37.25	4+74.56	LT	PAVED APPROACH	48.3	SY	30' SAW CUT
RTE 66	4+95.58	5+95.55	LT	PAVED APPROACH	149.0	SY	78.8' SAW CUT
RTE 66	5+38.97	5+79.77	RT	PAVED APPROACH	59.0	SY	26.5' SAW CUT
RTE 66	6+18.72	7+43.77	LT	PAVED APPROACH	143.8	SY	78.6' SAW CUT
RTE 66	6+66.96	6+90.49	RT	PAVED APPROACH	12.0	SY	
RTE 66	7+73.88	8+61.71	RT	PAVED APPROACH	178.9	SY	29' SAW CUT
RTE 66	8+01.03	8+53.82	LT	PAVED APPROACH	58.3	SY	31.3' SAW CUT
RTE 66	11+95.37	12+83.23	RT	PAVED APPROACH	132.3	SY	29.7' SAW CUT
RTE 66	13+05.90	13+44.55	RT	PAVED APPROACH	38.0	SY	19.7' SAW CUT
RTE 66	13+90.56	14+43.40	RT	PAVED APPROACH	69.8	SY	29.7' SAW CUT

REMOVAL OF IMPROVEMENTS (TABLE 4 OF 4)

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNITS	REMARKS
RTE 66	15+55.12	16+99.87	LT	PAVED APPROACH	184.3	SY	67.2' SAW CUT
RTE 66	15+87.97	16+55.45	RT	PAVED APPROACH	97.5	SY	34.8' SAW CUT
RTE 66	17+48.43	18+00.83	RT	PAVED APPROACH	76.9	SY	30.3' SAW CUT
RTE 66	18+95.60	20+36.18	LT	PAVED APPROACH	288.3	SY	45.9' SAW CUT
RTE 66	19+17.57	20+26.10	RT	PAVED APPROACH	149.6	SY	49' SAW CUT
RTE 66	14+80.80	14+96.80	RT/LT	CONCRETE MEDIAN	16.2	SY	
RTE 66	15+05.87	15+21.92	RT/LT	CONCRETE MEDIAN	16.3	SY	
RTE 66	20+32.99	23+15.74	RT	CONCRETE MEDIAN	123.3	SY	
RTE 66	51+73.40	51+76.20	LT	SIGNAL POLE	1.0	EA	
RTE 66	51+80.63	51+83.43	RT	SIGNAL POLE	1.0	EA	
RTE 66	51+86.17	51+88.77	RT	PULL BOX	1.0	EA	
RTE 66	51+89.73	51+92.08	LT	PULL BOX	1.0	EA	
RTE 66	52+38.36	52+40.52	RT	PULL BOX	1.0	EA	
RTE 66	52+57.15	52+60.64	LT	PULL BOX	1.0	EA	
RTE 66	52+87.85	52+90.25	LT	PULL BOX	1.0	EA	
RTE 66	77+65.33	77+66.45	RT	PULL BOX	1.0	EA	
RTE 66	77+73.46	77+75.04	LT	PULL BOX	1.0	EA	
RTE 66	52+44.22	52+48.01	RT	SIGNAL CABINET & CONTROLLER	1.0	EA	
RTE 66	52+49.90	52+52.70	RT	SIGNAL POLE	1.0	EA	
RTE 66	52+27.31	52+32.92	LT	INLET	1.0	EA	
RTE 66	51+84.63	52+29.95	LT	PIPE	50	FT	
RTE 66	55+15.61	55+17.21	LT	LIGHT POLE	1.0	EA	
RTE 66	58+43.11	58+45.35	LT	INLET	1.0	EA	
RTE 66	58+45.35	58+89.55	LT	PIPE	50	FT	
RTE 66	58+86.66	58+93.00	LT	INLET	1	EA	
RTE 66	59+09.97	59+12.32	LT	INLET	1	EA	
RTE 66	65+65.01	65+66.61	RT	LIGHT POLE	1.0	EA	
RTE 66	68+30.05	68+32.34	RT	INLET	1.0	EA	
RTE 66	68+31.46	68+33.70	LT	INLET	1.0	EA	
RTE 66	68+31.20	68+32.58	RT/LT	PIPE	51.7	LF	
RTE 66	68+35.28	68+36.88	LT	LIGHT POLE	1.0	EA	
RTE 66	74+68.73	75+13.20	LT	PIPE	51	FT	
RTE 66	77+61.02	77+63.27	LT	INLET	1.0	EA	
RTE 66	77+62.23	77+69.03	RT/LT	PIPE	45.0	FT	
RTE 66	77+70.88	78+23.74	RT	PIPE	55.3	FT	
RTE 66	77+62.15	78+23.74	RT	INLET	1.0	EA	
RTE 66	0+02.58	0+06.46	LT	CABINET	1.0	EA	
RTE 66	0+08.78	0+12.54	LT	VAULT	1.0	EA	
RTE 66	2+21.17	2+22.77	LT	LIGHT POLE	1.0	EA	
RTE 66	3+84.14	3+85.74	LT	LIGHT POLE	1.0	EA	
RTE 66	6+78.29	6+80.87	LT	INLET	1.0	EA	
RTE 66	6+80.87	7+43.11	LT	PIPE	61.7	FT	
RTE 66	7+43.10	7+45.56	LT	INLET	1.0	EA	
RTE 66	7+45.55	9+43.64	LT	PIPE	196.4	FT	
RTE 66	8+74.43	9+42.22	RT	PIPE	69.0	FT	
RTE 66	9+42.2	9+48.15	RT	MANHOLE	1.0	EA	
RTE 66	9+43.63	9+46.20	LT	INLET	1.0	EA	
RTE 66	9+44.15	9+45.34	RT/LT	PIPE	63.5	FT	
RTE 66	9+48.11	14+47.21	RT	PIPE	501.0	FT	
RTE 66	14+74.70	14+77.26	RT	INLET	1.0	EA	
RTE 66	15+73.87	15+76.38	RT	INLET	1.0	EA	
RTE 66	15+74.62	15+75.62	RT	PIPE	6.5	FT	
RTE 66	16+76.31	16+78.86	RT	INLET	1.0	EA	
RTE 66	16+77.16	16+78.16	RT	PIPE	7.0	FT	
RTE 66	16+86.02	16+86.44	RT	SIGN	1.0	EA	
RTE 66	17+06.57	17+09.10	LT	INLET	1.0	EA	
RTE 66	17+07.24	17+08.24	RT/LT	PIPE	72.5	FT	
RTE 66	18+03.38	18+05.64	RT	INLET	1.0	EA	
RTE 66	18+03.99	18+05.00	RT	PIPE	72.5	FT	
RTE 66	19+43.76	19+44.15	RT	PIPE	9.1	FT	
RTE 66	19+42.97	19+45.45	RT	INLET	1.0	EA	
RTE 66	20+05.78	20+09.17	RT	MANHOLE	1.0	EA	
RTE 66	20+09.18	20+29.83	RT	PIPE	20.5	FT	
RTE 66	20+30.16	20+36.16	RT	INLET	1.0	EA	
RTE 66	20+40.40	20+42.41	RT	INLET	1.0	EA	
RTE 66	20+39.98	20+42.47	RT	INLET	1.0	EA	
RTE 66	20+40.61	20+42.04	RT/LT	PIPE	74.8	FT	
RTE 66	20+33.16	20+41.23	RT/LT	PIPE	24.4	FT	
			TOTAL	1	LUMP SUM		

EARTHWORK

ROUTE	STA.	STA.	LOCATION	UNCLASSIFIED EXCAVATION CY	COMPACTING EMBANKMENT CY	COMPACTING IN CUT STA	REMARKS
RTE 66	51+10.00	23+15.74	LT-RT	17537.3	97.5	50.5	
			TOTAL	17537.3	97.5	50.5	
			USE	17537.0	98.0	51.0	

SUMMARY OF QUANTITIES

SHEET 2 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
9/15/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ADJUST MANHOLE

ROUTE	STA.	LOCATION	EA	REMARKS
RTE 66	52+06.73	LT	1	MANHOLE LID (SAN)
RTE 66	55+68.41	RT	1	MANHOLE LID (FO)
RTE 66	62+71.27	RT	1	MANHOLE LID (FO)
RTE 66	70+21.74	RT	1	MANHOLE LID (FO)
RTE 66	73+20.89	RT	1	MANHOLE LID (FO)
		TOTAL	5	

ADJUST METER OR VALVE

ROUTE	STA.	LOCATION	EA	REMARKS
RTE 66	52+44.36	LT	1	WATER VALVE
RTE 66	52+45.77	LT	1	WATER VALVE
RTE 66	52+24.58	RT	1	WATER VALVE
RTE 66	55+74.98	RT	1	WATER METER
RTE 66	58+48.44	LT	1	WATER VALVE
RTE 66	58+96.07	LT	1	WATER VALVE
RTE 66	59+06.13	LT	1	WATER VALVE
RTE 66	63+55.50	RT	1	WATER VALVE
RTE 66	63+85.20	LT	1	WATER VALVE
RTE 66	65+43.40	LT	1	WATER VALVE
RTE 66	67+99.08	LT	1	WATER VALVE
RTE 66	71+45.71	LT	1	WATER VALVE
RTE 66	71+52.97	LT	1	WATER VALVE
RTE 66	75+08.43	LT	1	WATER VALVE
RTE 66	77+76.75	LT	1	WATER VALVE
RTE 66	78+17.84	LT	1	WATER VALVE
RTE 66	2+64.78	LT	1	WATER VALVE
RTE 66	4+50.57	RT	1	WATER VALVE
RTE 66	7+14.95	LT	1	WATER VALVE
RTE 66	7+93.04	LT	1	WATER VALVE
RTE 66	8+32.27	RT	1	WATER VALVE
		TOTAL	21	NO DIRECT PAY

CURB RAMP (TABLE 1 OF 2)

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB RAMP	TRUNCATED DOMES	TYPE 1 AGG FOR BASE (4 IN. THICK)	REMARKS
				SY	SF	SY	
J7S2185G							
RTE 66	51+29.98	51+62.62	RT	21.2	27.9	21.2	ST. LOUIS AVE
RTE 66	51+37.98	51+72.91	LT	25.8	26.6	25.8	ST. LOUIS AVE
RTE 66	52+53.94	52+73.30	RT	10.0	16.7	10.0	ST. LOUIS AVE
RTE 66	52+74.15	52+94.65	LT	10.1	20.0	10.1	ST. LOUIS AVE
RTE 66	53+47.8	53+57.8	LT	5.6		5.6	
RTE 66	53+73.19	53+83.19	LT	5.6		5.6	
RTE 66	53+79.62	53+89.62	RT	5.6		5.6	
RTE 66	54+12.73	54+22.73	RT	5.6		5.6	
RTE 66	55+01.99	55+28.92	RT	27.2	19.2	27.2	ST. CHARLES AVE
RTE 66	55+03.92	55+31.81	LT	22.6	20.0	22.6	ST. CHARLES AVE
RTE 66	55+60.94	55+85.44	RT	20.2	20.0	20.2	ST. CHARLES AVE
RTE 66	55+63.35	55+85.44	LT	18.0	20.0	18.0	ST. CHARLES AVE
RTE 66	56+06.18	56+16.18	RT	5.6		5.6	
RTE 66	56+36.18	56+55.30	RT	10.6		10.6	
RTE 66	56+75.30	56+85.30	RT	5.6		5.6	
RTE 66	57+09.43	57+19.43	RT	5.6		5.6	
RTE 66	57+31.93	57+51.61	RT	10.9		10.9	
RTE 66	57+76.61	57+86.61	RT	5.6		5.6	
RTE 66	58+45.81	58+59.41	RT	8.1	20.0	8.1	PARK AVE
RTE 66	58+48.44	58+62.04	LT	8.1	20.0	8.1	PARK AVE
RTE 66	58+90.78	59+04.01	RT	13.2	20.0	13.2	PARK AVE
RTE 66	58+93.33	59+29.48	LT	34.3	20.0	34.3	PARK AVE
RTE 66	59+45.80	59+55.80	LT	5.6		5.6	
RTE 66	59+84.69	59+94.69	LT	5.6		5.6	
RTE 66	61+06.70	61+16.70	LT	5.6		5.6	
RTE 66	61+35.59	61+45.59	LT	5.6		5.6	
RTE 66	61+66.47	61+89.53	RT	18.0	20.0	18.0	HIGHLAND AVE
RTE 66	61+66.47	61+92.07	LT	20.7	20.0	20.7	HIGHLAND AVE
RTE 66	62+20.91	62+47.23	RT	23.0	20.0	23.0	HIGHLAND AVE
RTE 66	62+23.36	62+48.95	LT	22.6	20.0	22.6	HIGHLAND AVE
RTE 66	63+31.57	63+45.80	RT	7.9		7.9	
RTE 66	63+39.25	63+49.25	LT	5.6		5.6	
RTE 66	63+57.80	63+77.87	RT	11.2		11.2	
RTE 66	63+61.25	63+79.25	LT	10.0		10.0	
RTE 66	63+91.25	64+01.25	LT	5.6		5.6	
RTE 66	64+96.47	65+19.17	RT	18.0	20.0	18.0	FOREST AVE
RTE 66	64+96.47	65+20.63	LT	19.4	20.0	19.4	FOREST AVE
RTE 66	65+50.47	65+72.46	RT	18.0	20.0	18.0	FOREST AVE
RTE 66	65+52.34	65+72.46	LT	16.5	20.0	16.5	FOREST AVE
RTE 66	65+92.00	66+02.00	RT	5.6		5.6	
RTE 66	66+42.00	66+52.00	RT	5.6		5.6	
RTE 66	66+60.89	66+70.89	LT	5.6		5.6	
RTE 66	66+89.89	66+99.89	LT	5.6		5.6	
RTE 66	67+58.68	67+68.68	RT	5.6		5.6	
RTE 66	67+80.29	67+90.29	LT	5.6		5.6	
RTE 66	68+08.18	68+18.18	RT	5.6		5.6	
RTE 66	68+09.29	68+19.29	LT	5.6		5.6	
RTE 66	68+26.12	68+51.52	LT	20.5	20.0	20.5	MCCONNELL AVE
RTE 66	68+27.12	68+48.95	RT	17.5	20.0	17.5	MCCONNELL AVE
RTE 66	68+80.25	68+94.35	RT	16.2	20.0	16.2	MCCONNELL AVE
RTE 66	68+82.81	69+06.35	LT	18.8	20.0	18.8	MCCONNELL AVE
RTE 66	69+14.02	69+24.02	RT	5.6		5.6	
RTE 66	69+44.52	69+54.52	RT	5.6		5.6	
RTE 66	69+92.73	70+02.73	LT	5.6		5.6	
RTE 66	70+22.11	70+32.11	LT	5.6		5.6	
RTE 66	70+58.50	70+68.50	LT	5.6		5.6	
RTE 66	71+03.00	71+13.00	LT	5.6		5.6	
RTE 66	71+11.32	71+21.32	RT	5.6		5.6	
RTE 66	71+45.32	71+74.05	RT	13.3	20.0	13.3	PATTERSON AVE
RTE 66	71+53.89	71+79.43	LT	19.3	20.0	19.3	PATTERSON AVE
RTE 66	72+11.23	72+36.45	LT	20.4	20.0	20.4	PATTERSON AVE
RTE 66	72+15.07	72+44.85	RT	22.9	20.0	22.9	PATTERSON AVE
RTE 67	72+63.35	72+73.35	RT	5.6		5.6	
RTE 66	72+81.06	72+91.07	LT	5.6		5.6	
RTE 66	72+83.47	72+93.47	RT	5.6		5.6	
RTE 66	73+12.58	73+31.62	RT	10.6		10.6	
RTE 66	73+40.45	73+50.45	LT	5.6		5.6	
RTE 66	73+90.65	74+00.65	RT	5.6		5.6	
			SUBTOTALS	775.5	570.4	775.5	

SUMMARY OF QUANTITIES
SHEET 3 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/2/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CURB RAMP (TABLE 2 OF 2)

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB RAMP SY	TRUNCATED DOMES SF	TYPE 1 AGG FOR BASE (4 IN. THICK) SY	REMARKS
J7S2185G							
RTE 66	74+70.37	74+82.47	RT	11.6	20.0	11.6	BROWNELL AVE
RTE 66	74+70.37	74+85.18	LT	13.9	20.0	13.9	BROWNELL AVE
RTE 66	75+14.27	75+30.05	RT	14.7	20.0	14.7	BROWNELL AVE
RTE 66	75+16.48	75+29.99	LT	13.0	20.0	13.0	BROWNELL AVE
RTE 66	75+55.35	75+65.35	LT	5.6		5.6	
RTE 66	75+86.23	75+96.23	LT	5.6		5.6	
RTE 66	75+97.97	76+07.97	RT	5.6		5.6	
RTE 66	76+27.97	76+51.05	RT	11.1		11.1	
RTE 66	76+73.99	76+83.99	LT	5.6		5.6	
RTE 66	76+95.35	77+25.32	RT	13.2		13.2	
RTE 66	77+16.38	77+26.38	LT	5.6		5.6	
RTE 66	77+42.93	77+82.50	RT	46.1	20.8	46.1	FLORIDA AVE
RTE 66	77+44.75	77+77.12	LT	24.6	20.0	24.6	FLORIDA AVE
RTE 66	78+24.46	78+33.25	RT	15.7	10.0	15.7	FLORIDA AVE
RTE 66	78+41.14	0+37.46	LT	21.8	15.9	21.8	FLORIDA AVE
RTE 66	0+05.88	0+15.88	RT	5.6		5.6	
RTE 66	0+32.91	0+56.09	RT	12.9		12.9	
RTE 66	0+73.09	0+95.50	RT	12.4		12.4	
RTE 66	0+74.92	0+84.92	LT	5.6		5.6	
RTE 66	1+34.77	1+54.35	RT	10.9		10.9	
RTE 66	1+96.90	2+01.90	RT	2.8		2.8	
RTE 66	2+18.64	2+24.64	LT	3.3		3.3	
RTE 66	2+39.05	2+49.05	RT	5.6		5.6	
RTE 66	2+58.91	2+69.91	LT	6.1		6.1	
RTE 66	3+06.06	3+16.06	LT	5.6		5.6	
RTE 66	3+06.51	3+16.51	RT	5.6		5.6	
RTE 66	3+35.33	3+45.32	LT	5.6		5.6	
RTE 66	3+73.86	3+92.62	RT	10.4		10.4	
RTE 66	3+82.31	3+92.32	LT	5.6		5.6	
RTE 66	4+04.62	4+14.62	RT	5.6		5.6	
RTE 66	4+14.81	4+40.73	LT	14.4		14.4	
RTE 66	4+30.11	4+42.05	RT	6.7		6.7	
RTE 66	4+58.30	4+71.84	RT	8.0		8.0	
RTE 66	4+70.23	4+80.23	LT	5.6		5.6	
RTE 66	4+89.88	4+99.87	LT	5.6		5.6	
RTE 66	5+37.73	5+47.73	RT	5.6		5.6	
RTE 66	5+73.50	5+83.43	RT	5.6		5.6	
RTE 66	5+90.28	6+00.38	LT	5.6		5.6	
RTE 66	6+12.99	6+23.10	LT	5.6		5.6	
RTE 66	6+69.60	6+95.63	LT	14.7	10.0	14.7	OZARK AVE
RTE 66	7+29.04	7+43.30	LT	8.2	10.0	8.2	OZARK AVE
RTE 66	7+80.06	7+97.79	RT	9.9	13.5	9.9	OZARK AVE
RTE 66	7+99.59	8+11.61	LT	6.7		6.7	
RTE 66	8+33.74	8+54.18	RT	17.3	10.0	17.3	OZARK AVE
RTE 66	8+43.44	8+55.56	LT	6.7		6.7	
RTE 66	12+00.24	12+11.24	RT	6.1		6.1	
RTE 66	12+40.97	12+51.97	RT	6.1		6.1	
RTE 66	13+06.94	13+17.94	RT	6.1		6.1	
RTE 66	13+37.67	13+48.67	RT	6.1		6.1	
RTE 66	13+91.70	14+02.70	RT	6.1		6.1	
RTE 66	14+32.43	14+43.43	RT	6.1		6.1	
RTE 66	14+81.58	14.92.58	RT	7.1	10.0	7.1	RAILROAD CROSSING
RTE 66	14+89.21	15+00.21	LT	7.1	10.0	7.1	RAILROAD CROSSING
RTE 66	15+02.65	15+08.65	RT	7.1	10.0	7.1	RAILROAD CROSSING
RTE 66	15+10.28	15+21.28	LT	7.1	10.0	7.1	RAILROAD CROSSING
RTE 66	15+63.65	15+79.51	LT	8.8	10.0	8.8	
RTE 66	15+89.13	16+00.13	RT	6.1		6.1	
RTE 66	16+36.22	16+48.43	RT	6.2		6.2	
RTE 66	16+53.13	16+78.21	LT	13.0	20.2	13.0	
RTE 66	17+47.18	17+58.09	RT	6.1		6.1	
RTE 66	17+87.95	17+99.18	RT	6.1		6.1	
RTE 66	19+04.84	19+19.76	LT	8.0	10.0	8.0	HIGHVIEW AVE
RTE 66	19+25.32	19+40.71	RT	8.3	10.0	8.3	HIGHVIEW AVE
RTE 66	19+96.02	20+15.46	LT	9.1	22.0	9.1	HIGHVIEW AVE
RTE 66	19+97.91	20+12.20	RT	7.9	10.0	7.9	HIGHVIEW AVE
		SUBTOTALS		588.1	312.4	588.1	
		TOTALS		1363.6	882.8	1363.6	

CONCRETE MEDIAN

ROUTE	STA.	STA.	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) SY	6 IN. CONCRETE MEDIAN SY	REMARKS
RTE 66	51+43.48	51+64.66	LT	9.9	9.9	ST. LOUIS AVE
RTE 66	51+42.48	51+52.97	RT	2.4	2.4	ST. LOUIS AVE
RTE 66	55+21.42	55+30.25	LT	3.4	3.4	CHARLES AVE
RTE 66	55+21.42	55+27.70	RT	2.7	2.7	CHARLES AVE
RTE 66	55+62.17	55+67.94	RT	2.4	2.4	CHARLES AVE
RTE 66	55+64.57	55+67.94	LT	1.0	1.0	CHARLES AVE
RTE 66	58+92.88	58+98.51	RT	1.9	1.9	PARK AVE
RTE 66	58+95.20	58+98.98	LT	1.0	1.0	PARK AVE
RTE 66	61+83.97	61+87.44	RT	0.8	0.8	HIGHLAND AVE
RTE 66	61+83.97	61+90.20	LT	2.4	2.4	HIGHLAND AVE
RTE 66	62+22.78	62+28.73	RT	2.3	2.3	HIGHLAND AVE
RTE 66	62+25.23	62+31.45	LT	2.4	2.4	HIGHLAND AVE
RTE 66	65+13.97	65+18.76	LT	1.6	1.6	FOREST AVE
RTE 66	65+13.97	65+17.29	RT	0.8	0.8	FOREST AVE
RTE 66	65+52.34	65+59.96	RT	3.4	3.4	FOREST AVE
RTE 66	65+54.21	65+59,96	LT	2.1	2.1	FOREST AVE
RTE 66	68+43.62	68+49.64	LT	2.3	2.3	McCONNELL AVE
RTE 66	68+43.62	68+47.08	RT	0.9	0.9	McCONNELL AVE
RTE 66	68+82.13	68+85.88	RT	2.8	2.8	McCONNELL AVE
RTE 66	68+84.68	68+88.85	LT	1.2	1.2	McCONNELL AVE
RTE 66	71+72.39	71+77.56	LT	1.8	1.8	PATTERSON AVE
RTE 66	71+72.39	71+73.82	RT	0.3	0.3	PATTERSON AVE
RTE 66	72+15.49	72+19.15	RT	1.4	1.4	PATTERSON AVE
RTE 66	72+13.09	72+18.95	LT	2.2	2.2	PATTERSON AVE
RTE 66	74+75.87	74+83.29	LT	3.2	3.2	BROWELL AVE
RTE 66	74+75.87	74+80.60	RT	1.5	1.5	BROWELL AVE
RTE 66	75+16.15	74+24.55	RT	4.0	4.0	BROWELL AVE
RTE 66	75+18.33	75+24.55	LT	2.4	2.4	BROWELL AVE
RTE 66	77+48.73	77+55.25	RT	1.9	1.9	FLORIDA AVE
RTE 66	77+61.25	77+72.88	LT	5.2	5.2	FLORIDA AVE
RTE 66	05+29.38	05+39.38	LT	6.0	6.0	DRIVEWAY
RTE 66	14+80.80	14+96.89	LT-RT	16.2	16.2	* RAILROAD CENTER MEDIAN
RTE 66	15+05.93	15+21.92	LT-RT	16.1	16.1	* RAILROAD CENTER MEDIAN
RTE 66	20+32.98	23+15.74	RT	125.2	125.2	* ROADWAY CENTER MEDIAN
			TOTAL	235.1	235.1	
			USE	235	235	

* CURB SURROUNDING CONCRETE MEDIAN SHALL BE PAINTED YELLOW AT ALL "BUMP OUT" LOCATIONS. PAINTING OF THE CURB SHALL BE INCIDENTAL TO THE CONCRETE MEDIAN.

SUMMARY OF QUANTITIES
SHEET 4 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PCC PAVED APPROACH

ROUTE	STA.	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) SY	8" PAVED APPROACH SY	LINEAR GRADING CLASS 1 STA.	REMARKS
RTE 66	52+16.40	LT	669.2	669.2	0.8	ST. LOUIS AVE
RTE 66	52+16.12	RT	594.9	594.9	0.8	ST. LOUIS AVE
RTE 66	53+65.49	LT	42.9	42.9	0.2	ST. LOUIS AVE- ST. CHARLES AVE
RTE 66	54+01.18	RT	64.9	64.9	0.2	ST. LOUIS AVE- ST. CHARLES AVE
RTE 66	55+46.38	RT	77.2	77.2	0.2	ST. CHARLES AVE
RTE 66	55+46.38	LT	77.2	77.2	0.2	ST. CHARLES AVE
RTE 66	56+25.92	RT	52.9	52.9	0.2	ST. CHARLES AVE - PARK AVE
RTE 66	56+65.30	RT	50.7	50.7	0.2	ST. CHARLES AVE - PARK AVE
RTE 66	57+25.68	RT	36.7	36.7	0.2	ST. CHARLES AVE - PARK AVE
RTE 66	57+64.11	RT	64.5	64.5	0.2	ST. CHARLES AVE - PARK AVE
RTE 66	58+76.04	RT	79.3	79.3	0.2	PARK AVE
RTE 66	58+76.04	LT	117.2	117.2	0.2	PARK AVE
RTE 66	59+70.24	LT	92.4	92.4	0.2	PARK AVE - HIGHLAND AVE
RTE 66	61+26.15	LT	56.7	56.7	0.2	PARK AVE - HIGHLAND AVE
RTE 66	62+06.27	RT	79.3	79.3	0.2	HIGHLAND AVE
RTE 66	62+06.27	LT	79.3	79.3	0.2	HIGHLAND AVE
RTE 66	63+53.05	RT	44.9	44.9	0.2	HIGHLAND AVE - FOREST AVE
RTE 66	63+55.25	LT	38.9	38.9	0.2	HIGHLAND AVE - FOREST AVE
RTE 66	63+85.25	LT	41.6	41.6	0.2	HIGHLAND AVE - FOREST AVE
RTE 66	64+38.17	LT	33.3	33.3	0.2	HIGHLAND AVE - FOREST AVE
RTE 66	65+36.06	RT	79.3	79.3	0.2	FOREST AVE
RTE 66	65+36.06	LT	80.1	80.1	0.2	FOREST AVE
RTE 66	66+22.00	RT	90.2	90.2	0.2	FOREST AVE - MCCONNELL AVE
RTE 66	66+80.39	LT	52.4	52.4	0.2	FOREST AVE - MCCONNELL AVE
RTE 66	67+88.43	RT	91.3	91.3	0.2	FOREST AVE - MCCONNELL AVE
RTE 66	67+99.79	LT	56.1	56.1	0.2	FOREST AVE - MCCONNELL AVE
RTE 66	68+66.06	RT	79.4	79.4	0.2	MCCONNELL AVE
RTE 66	68+66.06	LT	86.9	86.9	0.2	MCCONNELL AVE
RTE 66	69+34.27	RT	55.6	55.6	0.2	MCCONNELL AVE - PATTERSON AVE
RTE 66	70+12.42	LT	57.9	57.9	0.2	MCCONNELL AVE - PATTERSON AVE
RTE 66	70+85.75	LT	88.2	88.2	0.2	MCCONNELL AVE - PATTERSON AVE
RTE 66	71+33.32	RT	69.5	69.5	0.2	MCCONNELL AVE - PATTERSON AVE
RTE 66	71+95.93	RT	88.9	88.9	0.2	PATTERSON AVE
RTE 66	71+95.93	LT	80.3	80.3	0.2	PATTERSON AVE
RTE 67	72+54.10	RT	42.9	42.9	0.2	PATTERSON AVE - BROWNELL AVE
RTE 66	73+03.03	RT	53.4	53.4	0.2	PATTERSON AVE - BROWNELL AVE
RTE 66	73+15.75	LT	128.8	128.8	0.2	PATTERSON AVE - BROWNELL AVE
RTE 66	73+61.13	RT	155.3	155.3	0.2	PATTERSON AVE - BROWNELL AVE
RTE 66	75+01.55	RT	80.3	80.3	0.2	BROWNELL AVE
RTE 66	75+00.67	LT	117.2	117.2	0.2	BROWNELL AVE
RTE 66	75+75.79	LT	59.1	59.1	0.2	BROWNELL AVE - FOREST AVE
RTE 66	76+17.97	RT	55.2	55.2	0.2	BROWNELL AVE - FOREST AVE
RTE 66	77+07.30	RT	120.6	120.6	0.2	BROWNELL AVE - FOREST AVE
RTE 66	77+00.19	LT	86.8	86.8	0.2	BROWNELL AVE - FOREST AVE
RTE 66	77+58.48	RT	51.3	51.3	0.2	BROWNELL AVE - FOREST AVE
RTE 66	78+05.68	RT	308.9	308.9	0.5	FLORIDA AVE
RTE 66	78+05.78	LT	344.5	344.5	0.5	FLORIDA AVE
RTE 66	00+24.39	RT	48.2	48.2	0.1	FLORIDA AVE - OZARK AVE
RTE 66	00+57.64	LT	99.7	99.7	0.1	FLORIDA AVE - OZARK AVE
RTE 66	00+64.59	RT	45.2	45.2	0.1	FLORIDA AVE - OZARK AVE
RTE 66	01+15.13	RT	96.4	96.4	0.1	FLORIDA AVE - OZARK AVE
RTE 66	02+16.96	RT	85.5	85.5	0.1	FLORIDA AVE - OZARK AVE
RTE 66	02+41.78	LT	86.3	86.3	0.1	FLORIDA AVE - OZARK AVE
RTE 66	03+25.69	LT	53.1	53.1	0.1	FLORIDA AVE - OZARK AVE
RTE 66	03+45.18	RT	128.6	128.6	0.1	FLORIDA AVE - OZARK AVE
RTE 66	03+96.96	RT	33.6	33.6	0.1	FLORIDA AVE - OZARK AVE
RTE 66	04+03.56	LT	46.8	46.8	0.1	FLORIDA AVE - OZARK AVE
RTE 66	04+49.35	RT	35.4	35.4	0.1	FLORIDA AVE - OZARK AVE
RTE 66	04+55.48	LT	59.7	59.7	0.1	FLORIDA AVE - OZARK AVE
RTE 66	05+14.38	LT	66.8	66.8	0.1	FLORIDA AVE - OZARK AVE
RTE 66	05+60.74	RT	67.7	67.7	0.1	FLORIDA AVE - OZARK AVE
RTE 66	05+64.85	LT	111.2	111.2	0.1	FLORIDA AVE - OZARK AVE
RTE 66	06+46.33	LT	102.7	102.7	0.1	FLORIDA AVE - OZARK AVE
RTE 66	07+09.13	LT	76.3	76.3	0.2	OZARK AVE
RTE 66	08+24.15	RT	154.9	154.9	0.2	OZARK AVE
RTE 66	08+27.59	LT	71.6	71.6	0.1	OZARK AVE - HIGHVIEW AVE
RTE 66	12+26.11	RT	120.9	120.9	0.2	OZARK AVE - HIGHVIEW AVE
RTE 66	13+27.80	RT	52.4	52.4	0.2	OZARK AVE - HIGHVIEW AVE
RTE 66	14+17.56	RT	83.7	83.7	0.2	OZARK AVE - HIGHVIEW AVE
RTE 66	16+15.38	LT	218.0	218.0	0.2	OZARK AVE - HIGHVIEW AVE
RTE 66	16+19.13	RT	115.9	115.9	0.2	OZARK AVE - HIGHVIEW AVE
RTE 66	17+73.07	RT	91.9	91.9	0.2	OZARK AVE - HIGHVIEW AVE
RTE 66	19+58.74	LT	315.3	315.3	0.2	HIGHVIEW AVE
RTE 66	19+80.03	RT	183.1	183.1	0.4	HIGHVIEW AVE
		TOTAL	7705.3	7705.3	15.1	
		USE	7706.0	7706.0	15.1	

NOTE: CURB AND GUTTER INCLUDED IN PAVED APPROACH FOR SIDE STREETS AND INTERSECTIONS

SIDEWALK

ROUTE	STA.	STA.	LOCATION	CONCRETE SIDEWALK 4 IN. THICK SY	TYPE 1 AGG FOR BASE (4 IN. THICK) SY	REMARKS
J7S2185G						
RTE 66	51+10.00	51+29.98	LT	15.6	15.6	ST. LOUIS AVE
RTE 66	51+10.00	51+37.98	RT	11.1	11.1	ST. LOUIS AVE
RTE 66	52+73.30	53+79.62	RT	59.1	59.1	ST. LOUIS AVE
RTE 66	52+94.65	53+47.8	LT	29.5	29.5	ST. LOUIS AVE
RTE 66	53+47.8	55+03.92	LT	138.0	138.0	ST. CHARLES AVE
RTE 66	55+85.44	58+48.44	LT	146.1	146.1	ST. CHARLES AVE
RTE 66	54+22.73	55+01.99	RT	44.0	44.0	ST. CHARLES AVE
RTE 66	55+85.44	56+06.18	RT	11.5	11.5	ST. CHARLES AVE
RTE 66	56+85.30	57+09.43	RT	13.4	13.4	
RTE 66	57+86.61	58+45.81	RT	32.9	32.9	PARK AVE
RTE 66	59+04.01	61+66.47	RT	145.8	145.8	PARK AVE
RTE 66	59+29.48	59+45.80	LT	9.1	9.1	PARK AVE
RTE 66	59+94.69	61+06.70	LT	62.2	62.2	
RTE 66	61+45.59	61+66.47	LT	11.6	11.6	HIGHLAND AVE
RTE 66	62+47.23	63+31.57	RT	46.9	46.9	HIGHLAND AVE
RTE 66	62+48.95	63+39.25	LT	50.2	50.2	HIGHLAND AVE
RTE 66	63+77.87	64+96.47	RT	71.5	71.5	FOREST AVE
RTE 66	64+01.25	64+96.47	LT	65.9	65.9	FOREST AVE
RTE 66	65+72.46	65+92.00	RT	10.9	10.9	FOREST AVE
RTE 66	65+72.46	66+60.89	LT	49.1	49.1	FOREST AVE
RTE 66	66+52.00	67+58.68	RT	59.3	59.3	
RTE 66	66+99.89	67+80.29	LT	44.7	44.7	
RTE 66	68+18.18	68+27.12	RT	5.0	5.0	MCCONNELL AVE
RTE 66	68+19.29	68+26.12	LT	3.8	3.8	MCCONNELL AVE
RTE 66	68+94.35	69+14.02	RT	10.9	10.9	MCCONNELL AVE
RTE 66	69+06.35	69+92.73	LT	48.0	48.0	MCCONNELL AVE
RTE 66	69+54.52	71+11.32	RT	87.1	87.1	
RTE 66	70+32.11	70+58.50	LT	14.7	14.7	
RTE 66	71+13.00	71+53.89	LT	22.7	22.7	PATTERSON AVE
RTE 66	72+36.45	72+81.06	LT	24.8	24.8	PATTERSON AVE
RTE 66	72+73.35	72+83.47	RT	5.7	5.7	PATTERSON AVE
RTE 66	73+50.45	74+70.37	LT	66.6	66.6	BROWNELL AVE
RTE 66	74+00.65	78+28.33	RT	38.7	38.7	BROWNELL AVE
RTE 66	75+29.99	75+55.35	LT	14.1	14.1	BROWNELL AVE
RTE 66	75+30.05	75+97.97	RT	37.7	37.7	BROWNELL AVE
RTE 66	75+96.23	76+73.99	LT	43.2	43.2	
RTE 66	77+26.38	77+44.75	LT	10.8	10.8	FLORIDA AVE
RTE 66	78+28.33	0+05.88	RT	14.5	14.5	FLORIDA AVE
RTE 66	01+54.35	1+96.90	RT	23.6	23.6	
RTE 66	0+84.92	2+18.64	LT	74.3	74.3	
RTE 66	2+49.05	3+06.51	RT	34.7	34.7	
RTE 66	2+69.91	3+06.06	LT	22.9	22.9	
RTE 66	3+45.32	3+82.31	LT	20.5	20.5	
RTE 66	4+14.62	4+30.11	RT	8.6	8.6	
RTE 66	4+71.84	5+37.73	RT	36.6	36.6	
RTE 66	4+80.23	5+28.88	LT	5.4	5.4	
RTE 66	5+39.88	6+12.99	LT	6.9	6.9	
RTE 66	5+78.44	7+80.06	RT	110.7	110.7	OZARK AVE
RTE 66	7+43.30	7+99.59	LT	30.9	30.9	OZARK AVE
RTE 66	8+54.18	12+00.24	RT	195.5	195.5	OZARK AVE
RTE 66	8+55.56	14+89.21	LT	350.1	350.1	
RTE 66	12+51.97	13+06.94	RT	30.5	30.5	
RTE 66	13+48.67	13+91.70	RT	23.9	23.9	
RTE 66	14+43.43	14+81.58	RT	21.2	21.2	
RTE 66	15+08.65	15+89.13	RT	41.9	41.9	
RTE 66	15+21.28	15+63.65	LT	23.5	23.5	
RTE 66	16+48.43	17+47.18	RT	54.9	54.9	
RTE 66	16+78.21	19+04.84	LT	126.7	126.7	
RTE 66	17+99.18	19+21.22	RT	69.7	69.7	HIGHVIEW AVE
RTE 66	20+17.04	23+14.67	RT	164.6	164.6	HIGHVIEW AVE
RTE 66	20+18.69	23+16.24	LT	169.7	169.7	
			TOTALS	3224.0	3224.0	
			USE	3224.0	3224.0	

SUMMARY OF QUANTITIES
SHEET 5 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

CURB AND GUTTER

ROUTE	STA.	STA.	LOCATION	CURB AND GUTTER TYPE B	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				LF	SY	
RTE 66	51+10.00	51+35.61	LT	25.6	8.5	
RTE 66	51+10.00	51+21.36	RT	11.4	3.8	
RTE 66	52+91.24	53+80.18	RT	88.9	29.7	
RTE 66	53+16.35	53+47.49	LT	31.1	10.4	
RTE 66	53+83.49	55+17.85	LT	134.4	44.8	
RTE 66	54+22.18	55+15.92	RT	93.7	31.3	
RTE 66	55+73.95	56+07.68	RT	33.7	11.2	
RTE 66	55+76.35	58+47.18	LT	270.8	90.3	
RTE 66	56+44.68	55+46.80	RT	2.1	0.7	
RTE 66	56+83.80	57+10.93	RT	27.1	9.0	
RTE 66	57+40.43	57+43.11	RT	2.7	0.9	
RTE 66	57+85.11	58+44.54	RT	59.4	19.8	
RTE 66	59+05.57	61+74.74	RT	269.2	89.7	
RTE 66	59+08.19	59.45.49	LT	37.3	12.4	
RTE 66	59+94.99	61+06.40	LT	111.4	37.1	
RTE 66	61+45.90	61+77.21	LT	31.3	10.4	
RTE 66	62.35.77	63+37.30	RT	101.5	33.8	
RTE 66	62+38.22	63+40.75	LT	102.5	17.7	
RTE 66	63+66.30	65+04.30	RT	138.0	46.0	
RTE 66	63+69.75	63+70.75	LT	1.0	0.3	
RTE 66	63+99.75	64+23.66	LT	23.9	8.0	
RTE 66	64+52.67	65+05.77	LT	53.1	17.7	
RTE 66	65+65.34	65+93.50	RT	28.2	9.4	
RTE 66	65+67.20	66+62.39	LT	95.2	31.7	
RTE 66	66+50.50	67+60.18	RT	109.7	36.6	
RTE 66	66+98.39	67+81.79	LT	83.4	27.8	
RTE 66	68+16.68	68+34.09	RT	17.4	5.8	
RTE 66	68+17.79	68+36.66	LT	18.9	6.3	
RTE 66	68+95.12	69+15.52	RT	20.4	6.8	
RTE 66	68+97.67	69+92.42	LT	94.8	31.6	
RTE 66	69+53.02	71+12.82	RT	159.8	53.3	
RTE 66	70+32.42	70+60.00	LT	27.6	9.2	
RTE 66	71+11.50	71+64.57	LT	53.1	17.7	
RTE 66	71+53.82	71+64.14	RT	10.3	3.4	
RTE 66	72+25.17	72+35.35	RT	10.2	3.4	
RTE 67	72+72.85	72+84.03	RT	11.2	3.7	
RTE 66	72+26.09	72+80.75	LT	54.7	18.2	
RTE 66	73+50.75	74+70.30	LT	119.6	39.9	
RTE 66	74+00.10	74+67.61	RT	67.5	22.5	
RTE 66	75+29.14	75+99.47	RT	70.3	23.4	
RTE 66	75+31.32	75+55.04	LT	23.7	7.9	
RTE 66	75+96.54	76+73.69	LT	77.2	25.7	
RTE 66	76+36.47	76+42.63	RT	6.2	2.1	
RTE 66	77+26.69	77+54.61	LT	27.9	9.3	
RTE 66	0+40.40	0+50.59	RT	10.2	3.4	
RTE 66	0+78.59	0+87.13	RT	8.5	2.9	
RTE 66	0+83.29	2+16.28	LT	133.0	44.3	
RTE 66	1+43.13	1+93.53	RT	50.4	16.8	
RTE 66	2+47.41	3+09.02	RT	61.6	20.5	
RTE 66	2+67.28	3+07.69	LT	40.4	13.5	
RTE 66	3+43.69	3+86.81	LT	43.1	14.4	
RTE 66	4+13.79	4+36.55	RT	22.8	7.6	
RTE 66	4+20.31	4+35.23	LT	14.9	5.0	
RTE 66	4+63.80	5+40.24	RT	76.4	25.5	
RTE 66	4+75.73	4+94.38	LT	18.7	6.2	
RTE 66	5+80.99	7+75.20	RT	196.1	65.4	
RTE 66	5+95.84	6+17.55	LT	21.5	7.2	
RTE 66	6+75.12	6+80.87	LT	5.7	1.9	
RTE 66	7+73.79	8+01.44	LT	57.2	19.1	
RTE 66	8+41.14	11+99.11	RT	339.9	121.0	
RTE 66	8+53.02	14+95.19	LT	639.4	213.1	
RTE 66	12+53.11	13+05.80	RT	52.7	17.6	
RTE 66	13+49.80	13+90.56	RT	40.8	13.6	
RTE 66	14+44.56	14+87.58	RT	43.0	14.3	
RTE 66	15+07.68	15+88.00	RT	80.3	26.8	
RTE 66	15+15.28	15.55.55	LT	40.3	13.4	
RTE 66	16+55.45	17+46.05	RT	90.6	30.2	
RTE 66	17+03.30	18+87.50	LT	185.1	61.7	
RTE 66	18+00.82	19+15.76	RT	113.9	38.0	
RTE 66	20+20.56	23+14.72	RT	289.8	96.6	
RTE 66	20+22.97	23+16.20	LT	297.9	99.3	
			TOTALS	5811.6	1928.5	
			USE	5812	1929	

MOBILIZATION

TOTAL = 1 LUMP SUM

ADDITIONAL MOBILIZATION FOR SEEDING

TOTAL = 1 EACH

MOBILIZATION

J7S2185G

TOTAL = 1 LUMP SUM

AGGREGATE FOR ROADWAY

ROUTE	STA.	STA.	LOCATION	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	REMARKS
				SY	
J7S2185E					
	51+10.00	23+15.74	LT & RT	34333.9	
			TOTAL	34333.9	
			USE	34334.0	

PLANT MIX BITUMINOUS PAVEMENT PG64-22 (BP-1)

453 TON

NOTE: ASPHALT WEDGING FOR PAVEMENT ELEVATION DIFFERENCES BETWEEN CONSTRUCTION PHASES

MISC. TEMPRARY SURFACING

PLANT MIX BITUMINOUS PAVEMENT PG64-22 (BP-1)

3029 TON

NOTE: LOCATIONS OF TEMPORARY SURFACING TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION

INTELLIGENT COMPACTION FOR SUBGRADE

7S2185E

TOTAL = 1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 6 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/19/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PAVEMENT MARKING (PERMANENT) (TABLE 1 OF 2)

ROUTE	STA	STA	LOCATION	24 IN WHITE LF	LT/RT ARROW EA	STRAIGHT ARROW EA	R/R CROSSING MARKER EA	4IN YELLOW TYPE L LF	6 IN WHITE TYPE L LF	4 IN WHITE TYPE P LF	4 IN YELLOW TYPE P LF	YELLOW ISLAND MARKING LF	REMARKS
RTE 66	51+10.00	51+33.00	LT						10				
RTE 66	51+10.00	51+31.00	LT					42					
RTE 66	51+10.00	51+31.00	RT						21				
RTE 66	51+10.00	51+33.00	RT						23				
RTE 66	51+31.00		LT-RT	12									
RTE 66	51+33.00		RT	22									
ST. LOUIS AVE.	00+42.00		LT-RT	108									
ST. LOUIS AVE.	00+55.00		LT	19									
ST. LOUIS AVE.	00+57.00	01+08.00	LT							51			
ST. LOUIS AVE.	00+59.00	01+08.00	RT								98		
ST. LOUIS AVE.	00+59.00		LT-RT	12									
ST. LOUIS AVE.	03+69.00		LT-RT	12									
ST. LOUIS AVE.	03+90.00		RT-LT	96									
ST. LOUIS AVE.	03+22.00	03+69.00	LT								94		
ST. LOUIS AVE.	03+22.00	03+79.00	RT							57			
ST. LOUIS AVE.	03+81.00		RT	22									
ST. LOUIS AVE.	00+77.00		LT-RT		1								
ST. LOUIS AVE.	03+49.00		LT-RT		1								
RTE 66	53+10.00		LT	22									
RTE 66	53+12.00		LT-RT	12									
RTE 66	53+12.00	54+09.00	LT						97				
RTE 66	53+14.00	53+99.00	LT						85				
RTE 66	53+12.00	54+99.00	RT					374					
RTE 66	54+99.00	75+66.00	RT					2584					
RTE 66	53+12.00	76+42.00	RT						583				
RTE 66	54+39.00	77+49.00	LT						578				
RTE 66	54+99.00	75+66.00	LT					2584					
RTE 66	53+55.00		LT-RT		1								
RTE 66	56+56.00		LT-RT		1								
RTE 66	56+71.00		LT-RT		1								
RTE 66	59+56.00		LT-RT		1								
RTE 66	59+71.00		LT-RT		1								
RTE 66	55+18.00		LT-RT	66									
RTE 66	55+71.00		LT-RT	66									
ST. CHARLES AVE.	00+49.00		RT	12									
ST. CHARLES AVE.	00+49.00		LT	12									
RTE 66	59+02.00		LT-RT	66									
PARK AVE.	00+46.00		RT	12									
PARK AVE.	00+47.00		LT	12									
RTE 66	61+81.00		LT-RT	66									
RTE 66	62+33.00		LT-RT	66									
RTE 66	63+40.00		LT-RT		1								
RTE 66	63+55.00		LT-RT		1								
RTE 66	65+11.00		LT-RT	66									
RTE 66	65+63.00		LT-RT	66									
RTE 66	67+94.00		LT-RT		1								
RTE 66	68+10.00		LT-RT		1								
RTE 66	68+41.00		LT-RT	66									
RTE 66	68+92.00		LT-RT	66									
McCONNELL AVE.	00+49.00		RT	12									
McCONNELL AVE.	00+49.00		LT	12									
RTE 66	71+29.00		LT-RT		1								
RTE 66	71+44.00		LT-RT		1								
RTE 66	71+69.00		LT-RT	66									
RTE 66	72+22.00		LT-RT	66									
PATTERSON AVE	00+49.00		RT	12									
PATTERSON AVE	00+49.00		LT	12									
RTE 66	73+64.00		LT-RT		1								
RTE 66	73+79.00		LT-RT		1								
RTE 66	74+73.00		LT-RT	66									
RTE 66	75+28.00		LT-RT	66									
RTE 66	77+08.00		LT-RT		1								
BROWNELL AVE.	00+47.00		RT	12									
BROWNELL AVE.	00+47.00		LT	12									
RTE 66	76+66.00	77+47.00	RT						81				
RTE 66	76+66.00	77+49.00	RT						83				
RTE 66	76+51.00		LT-RT	12									
RTE 66	76+53.00		RT	22									
RTE 66	75+66.00	77+49.00	LT					366					
			SUBTOTAL	1349	16	0	0	5950	1561	108	192	0	

SUMMARY OF QUANTITIES
SHEET 7 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/2/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PAVEMENT MARKING (PERMANENT) (TABLE 2 OF 2)

ROUTE	STA	STA	LOCATION	THERMOPLASTIC				HIGH BUILD WATERBORNE				YELLOW ISLAND MARKING	REMARKS
				24 IN WHITE	LT/RT ARROW	STRAIGHT ARROW	R/R CROSSING MARKER	4IN YELLOW TYPE L	6 IN WHITE TYPE L	4 IN WHITE TYPE P	4 IN YELLOW TYPE P		
				LF	EA	EA	EA	LF	LF	LF	LF	LF	
FLORIDA AVE.	00+41.00		LT-RT	66									
FLORIDA AVE.	00+60.00		LT-RT	108									
FLORIDA AVE.	00+50.00	00+94.00	LT							44			
FLORIDA AVE.	00+55.00	00+94.00	LT							39			
FLORIDA AVE.	00+53.00	00+95.00	RT								84		
FLORIDA AVE.	00+48.00		LT	22									
FLORIDA AVE.	00+53.00		LT-RT	11									
FLORIDA AVE.	00+67.00		LT-RT	22									
FLORIDA AVE.	00+67.00	01+51.00	RT								168		
FLORIDA AVE.	00+69.00	01+37.00	LT							68			
RTE 66	00+11.00		LT	22									
RTE 66	00+13.00		LT-RT	12									
RTE 66	00+13.00	14+95.00	LT						1482				
RTE 66	00+13.00	01+00.00	LT						87				
RTE 66	00+13.00	01+00.00	LT						87				
RTE 66	00+15.00	01+97.00	RT					364					
RTE 66	00+13.00	14+95.00	RT						371				
RTE 66	15+04.00	21+17.00	RT						153				
RTE 66	00+13.00	14+94.00	RT						1481				
RTE 66	15+03.00	19+17.00	RT						414				
RTE 66	01+87.00	14+35.00	LT					1560					
RTE 66	01+97.00	14+36.00	RT					1549					
RTE 66	14+35.00	14+98.00	LT					126					
RTE 66	15+07.00	15+62.00	LT					110					
RTE 66	14+36.00	14+96.00	RT					120					
RTE 66	15+05.00	15+62.00	RT					114					
RTE 66	15+62.00	16+60.00	LT					245					
RTE 66	15+62.00	16+66.00	RT					260					
RTE 66	16+60.00	19+36.00	LT					552					
RTE 66	17+17.00	19+40.00	RT						446				
RTE 66	01+00.00	14+98.00	LT						350				
RTE 66	15+08.00	19+36.00	LT						107				
RTE 66	20+20.00	21+83.00	LT						163				
RTE 66	20+20.00	21+27.00	LT						107				
RTE 66	19+93.00	21+00.00	LT						214				
RTE 66	19+94.00	23+16.00	RT					644					
RTE 66	21+17.00	23+16.00	RT						199				
RTE 66	21+16.00	23+16.00	RT						200				
RTE 66	21+46.00	23+16.00	LT						43				
RTE 66	22+17.00	23+16.00	RT						99				
RTE 66	22+17.00	23+16.00	RT						99				
RTE 66	00+55.00		LT-RT		1								
RTE 66	03+94.00		LT-RT		1								
RTE 66	04+09.00		LT-RT		1								
RTE 66	08+14.00		LT-RT		1								
RTE 66	08+29.00		LT-RT		1								
RTE 66	12+69.00		LT-RT		1								
RTE 66	12+84.00		LT-RT		1								
RTE 66	12+94.00		LT-RT	22									
RTE 66	13+43.00		LT-RT	22									
RTE 66	13+19.00		LT-RT				2						
RTE 66	14+78.00		RT	22									
RTE 66	15+25.00		LT	22									
RTE 66	16+14.00		LT-RT		1								
RTE 66	16+29.00		LT-RT		1								
RTE 66	16+61.00		LT-RT	22									
RTE 66	17+09.00		LT-RT	22									
RTE 66	16+85.00		LT-RT				2						
RTE 66	17+48.00		LT-RT		1								
RTE 66	18+97.00		LT-RT		1								
RTE 66	20+53.00		LT		1								
RTE 66	20+86.00		LT-RT		1								
RTE 66	21+64.00		LT		1								
RTE 66	21+26.00		LT		1								
RTE 66	21+30.00		RT			1							
RTE 66	22+44.00		RT			2							
RTE 66	21+26.00		RT		1								
RTE 66	22+44.00		RT		3								
RTE 66	14+81.00	14+97.00	LT-RT									42	
RTE 66	15+06.00	15+22.00	LT-RT									42	
RTE 66	20+33.00	23+16.00	LT-RT									566	
			SUBTOTAL	395	19	3	4	5644	6102	151	252	650	
			TOTAL	1744	35	3	4	11594	7663	259	444	650	

CONTRACTOR FURNISHED SURVEYING AND STAKING

TOTAL = 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING

J7S2185G

TOTAL = 1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 8 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DRAINAGE PIPES AND STRUCTURES (TABLE 1 OF 3)

RTE	DRAINAGE ID	STA	STA	LOCATION	GROUP A PIPE 12 IN.	GROUP A PIPE 15 IN.	GROUP A PIPE 18 IN.	GROUP A PIPE 24 IN.	GROUP A PIPE 30 IN.	GROUP A PIPE 36 IN.	GROUP A PIPE 42 IN.	COMBINATION INLET 4X4	TYPE D INLET 4X2	TYPE D INLET 4X3	TYPE D INLET 4X4	TYPE T INLET 3X7.5	MANHOLE 5' DIA	MANHOLE 6' DIA	RCP PIPE TEE	TYPE A PIPE COLLAR	CLASS 3 EXC.	REMARKS
					LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	CY	
RTE 66	322P	50+38.26	51+31.14	LT				93.0													73.0	
RTE 66	322D1	51+33.14		LT											6.0						9.0	
RTE 66	321.1P	51+35.14	51+85.75	LT				51.0													40.0	
RTE 66	322MH1	51+88.25		LT													7.0				14.0	
RTE 66	321.2P	51+88.48	51+91.92	LT		33.0															20.0	
RTE 66	321D2	51+91.37		LT										6.0							8.0	
RTE 66	321P	51+94.11	52+48.72	LT		53.0															33.0	
RTE 66	321D1	52+51.31		LT										4.0							7.0	
RTE 66	320.1P	51+93.55	51+98.48	LT		35.0															19.0	
RTE 66	320D2	51+98.48		LT										5.0							7.0	
RTE 66	320P	52+00.49	52+36.67	LT		36.0															17.0	
RTE 66	320D1	52+38.66		LT										4.0							6.0	
RTE 66	318P	51+90.75	53+16.89	LT				126.0													102.0	
RTE 66	318D1	53+18.91		LT											6.0						10.0	
RTE 66	316P	53+20.89	55+10.78	LT				190.0													138.0	
RTE 66	316D1	55+12.78		LT											6.0						10.0	
RTE 66	312P	55+14.78	55+78.05	LT			63.0														46.0	
RTE 66	314P	55+60.38	55+60.40	LT		22.0													1.0		9.0	18 IN. X 15 IN. TEE
RTE 66	312D1	55+80.04		LT											6.0						9.0	
RTE 66	310D1	55+79.13		RT									4.0								5.0	
RTE 66	310P	55+79.13	55+80.06	LT/RT		55.0															26.0	
RTE 66	311P	55+82.05	57+10.57	LT			129.0														78.0	
RTE 66	311D1	57+12.56		LT										5.0							7.0	
RTE 66	308P	57+14.57	58+40.60	LT		126.0															61.0	
RTE 66	308D1	58+42.60		LT										5.0							7.0	
RTE 66	306P	58+42.60	58+64.72	LT		29.0															14.0	
RTE 66	306D1	58+64.77		LT										5.0							7.0	
RTE 66	304P	58+66.74	58+88.71	LT		22.0															11.0	
RTE 66	304D1	58+90.72		LT										4.0							6.0	
RTE 66	302P	58+44.60	59+09.11	LT		65.0															30.0	
RTE 66	302D1	59+11.10		LT										4.0							7.0	
RTE 66	402D1	63+30.76		RT									4.0								5.0	
RTE 66	402P	63+30.76	63+32.07	LT/RT		56.0															36.0	
RTE 66	404D1	63+32.07		LT										5.0							7.0	
RTE 66	404P	63+34.07	65+00.72	LT		167.0															81.0	
RTE 66	406D1	65+01.95		RT									4.0								5.0	
RTE 66	406P	65+01.95	65+02.72	LT/RT		56.0															26.0	
RTE 66	408D1	65+02.72		LT										5.0							7.0	
RTE 66	408P	65+04.72	66+55.63	LT			151.0														77.0	
RTE 66	410D1	65+68.90		RT										4.0							7.0	
RTE 66	410P	65+70.90	66+54.99	RT		84.0															37.0	
RTE 66	412D1	66+56.99		RT										4.0							7.0	
RTE 66	412P	66+56.99	66+57.64	LT/RT		55.0															23.0	
RTE 66	414D1	66+57.62		LT										5.0							8.0	
RTE 66	414P	66+59.63	68+26.67	LT			167.0														97.0	
RTE 66	416D1	68+28.72		RT									4.0								5.0	
RTE 66	416P	68+28.72	68+28.69	LT/RT		55.0															26.0	
RTE 66	418D1	68+28.65		LT											5.0						7.0	
RTE 66	418P	68+30.67	68+97.78	LT				67.0													47.0	
RTE 66	420D1	68+99.04		RT									4.0								5.0	
RTE 66	420P	68+99.04	69+00.84	LT/RT		53.0															23.0	
RTE 66	420MH1	69+00.71		LT														7.0			21.0	
RTE 66	417P	68+93.20	68+97.89	LT		5.0														1.0	3.0	
RTE 66	419P	68+98.76	69+01.30	LT		6.0														1.0	3.0	
RTE 66	420.1P	69+03.69	69+14.56	LT				11.0													7.0	
RTE 66	422D1	69+16.57		LT											6.0						9.0	
RTE 66	422P	69+18.56	70+42.99					124.0													76.0	
RTE 66	424D1	70+44.22		RT									4.0								7.0	
RTE 66	424P	70+44.22	70+45.00	LT/RT		55.0															24.0	
RTE 66	426D1	70+45.00		LT											5.0						9.0	
RTE 66	426P	70+46.99	71+43.73	LT				97.0													60.0	
RTE 66	430C1	71+45.72		LT								6.0									9.0	
RTE 66	430P	71+47.73	71+67.12	LT				19.0													12.0	
RTE 66	428C1	71+59.47		RT								5.0									10.0	
RTE 66	428P	71+61.46	71+64.87	RT		3.0															4.0	
				SUBTOTAL	0.0	1071.0	510.0	778.0	0.0	0.0	0.0	11.0	24.0	65.0	40.0	0.0	7.0	7.0	1.0	2.0	1626.0	

NOTE: NO DIRECT PAY FOR EXCAVATION & BACKFILL

SUMMARY OF QUANTITIES
SHEET 9 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/14/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DRAINAGE PIPES AND STRUCTURES (TABLE 2 OF 3)

RTE	DRAINAGE ID	STA	STA	LOCATION	GROUP A PIPE 12 IN.	GROUP A PIPE 15 IN.	GROUP A PIPE 18 IN.	GROUP A PIPE 24 IN.	GROUP A PIPE 30 IN.	GROUP A PIPE 36 IN.	GROUP A PIPE 42 IN.	COMBINATION INLET 4X4	TYPE D INLET 4X2	TYPE D INLET 4X3	TYPE D INLET 4X4	TYPE T INLET 3X7.5	MANHOLE 5' DIA	MANHOLE 6' DIA	RCP PIPE TEE	TYPE A PIPE COLLAR	CLASS 3 EXC.	REMARKS
					LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	CY	
RTE 66	526P	71+72.89	72+27.54	LT				55.0													37.0	
RTE 66	526C1	72+29.54		LT								5.0									9.0	
RTE 66	522P	72+31.54	73+51.98	LT			120.0														78.0	
RTE 66	522D1	73+53.97		LT										5.0							7.0	
RTE 66	528P	71+72.86	72+27.48	RT		55.0															26.0	
RTE 66	528C1	72+29.47		RT								5.0									7.0	
RTE 66	524P	72+31.48	72+77.11	RT		46.0															21.0	
RTE 66	524D1	72+79.12		RT										4.0							7.0	
RTE 66	533P	71+73.01	71+93.77	RT					21.0												18.0	
RTE 66	533MH1	71+96.26		RT													4.0				7.0	
RTE 66	516.1P	71+98.76	74+62.63	RT					264.0												214.0	
RTE 66	516MH1	74+65.12		RT													6.0				14.0	
RTE 66	516P	74+65.15	74+65.20	RT		5.0															3.0	
RTE 66	516D1	74+65.22		RT										5.0							6.0	
RTE 66	513P	74+67.21	74+72.87	RT		6.0														1.0	2.0	
RTE 66	520P	74+65.16	74+65.31	LT/RT				44.0													30.0	
RTE 66	520D1	74+65.31		LT											5.0						8.0	
RTE 66	518P	74+67.31	75+32.77	LT			65.0														64.0	
RTE 66	519D2	75+13.75		LT									4.0								3.0	
RTE 66	519P	75+13.75	75+13.76	LT		22.0													1.0		9.0	15 IN. X 18 IN.
RTE 66	518D1	75+34.39		LT											5.0						7.0	
RTE 66	514P	75+36.38	76+32.61	LT		96.0															52.0	
RTE 66	514D1	76+34.60		LT										4.0							6.0	
RTE 66	512.1P	74+67.61	77+66.28	RT					299.0												252.0	
RTE 66	515P	76+39.43	76+39.46	RT		8.0													1.0		4.0	15 IN. X 30 IN.
RTE 66	515D1	76+39.46		RT									4.0								5.0	
RTE 66	512P	77+68.55	77+66.77	RT		15.0															7.0	
RTE 66	512D1	77+66.77		RT									4.0								5.0	
RTE 66	506P	77+64.25	77+69.28	LT/RT		48.0															22.0	
RTE 66	506D1	77+64.25		LT									4.0								5.0	
RTE 66	512MH1	77+69.28		RT														7.0			21.0	
RTE 66	505P	77+71.40	78+32.13	LT/RT				90.0													55.0	
RTE 66	505D1	78+34.54		LT										5.0							7.0	
RTE 66	503P	78+34.52	0+22.40	LT		35.0															17.0	
RTE 66	503D1	0+24.56		LT										5.0							7.0	
RTE 66	502P	0+26.38	1+97.09	LT		171.0															74.0	
RTE 66	502D1	1+99.09		LT										4.0							6.0	
RTE 66	508P	77+72.27	0+01.63	RT			72.0														37.0	
RTE 66	508D1	0+03.86		RT										5.0							7.0	
RTE 66	504P	0+05.57	1+80.49	RT		173.0															80.0	
RTE 66	504D1	1+80.49		RT										4.0							6.0	
RTE 66	601D1	4+82.83		LT									4.0								5.0	
RTE 66	601P	4+80.25	4+82.83	LT/RT		59.0															28.0	
RTE 66	602D1	4+80.22		RT										5.0							7.0	
RTE 66	602P	4+82.23	5+81.19	RT		99.0															46.0	
RTE 66	603D1	5+83.17		RT										5.0							7.0	
RTE 66	603P	5+85.16	6+25.20	RT			40.0														21.0	
RTE 66	605D1	6+27.16		RT											5.0						9.0	
RTE 66	605P	6+29.17	7+70.63	RT				143.0													88.0	
RTE 66	606D1	7+72.49		RT											5.0						9.0	
RTE 66	606P	7+74.58	8+68.79	RT				95.0													66.0	
RTE 66	604D1	6+79.86		LT										4.0							6.0	
RTE 66	604P	6+81.87	8+64.90	LT		182.0															84.0	
RTE 66	608D1	8+66.93		LT										4.0							6.0	
RTE 66	608P	8+66.91	8+70.80	LT/RT			60.0														31.0	
RTE 66	609D1	8+04.53		RT									4.0								5.0	
RTE 66	609P	8+05.32	8+29.30	RT		27.0															13.0	
RTE 66	610D1	8+31.31		RT									5.0								6.0	
RTE 66	610P	8+31.31	8+70.75	RT		52.0															22.0	
RTE 66	612D1	8+70.75		RT											5.0						9.0	
RTE 66	612P	8+72.76	9+42.01	RT				70.0													24.0	
RTE 66	614D1	9+44.45		RT									4.0								5.0	
RTE 66	614P	9+44.45	9+44.37	RT		4.0															2.0	
RTE 66	613P	9+44.95	9+44.78	RT	11															1.0	3.0	
RTE 66	615MH1	9+44.48		RT													9.0				16.0	
RTE 66	615.1P	9+46.94	11+94.16	RT					249.0												178.0	
				SUBTOTAL	11.0	1103.0	357.0	497.0	833.0	0.0	0.0	10.0	33.0	59.0	25.0	0.0	19.0	7.0	2.0	2.0	1948.0	

NOTE: NO DIRECT PAY FOR EXCAVATION & BACKFILL

SUMMARY OF QUANTITIES
SHEET 10 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/14/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DRAINAGE PIPES AND STRUCTURES (TABLE 3 OF 3)

RTE	DRAINAGE ID	STA	STA	LOCATION	GROUP A PIPE 12 IN.	GROUP A PIPE 15 IN.	GROUP A PIPE 18 IN.	GROUP A PIPE 24 IN.	GROUP A PIPE 30 IN.	GROUP A PIPE 36 IN.	GROUP A PIPE 42 IN.	COMBINATION INLET 4X4	TYPE D INLET 4X2	TYPE D INLET 4X3	TYPE D INLET 4X4	TYPE T INLET 3X7.5	MANHOLE 5' DIA	MANHOLE 6' DIA	RCP PIPE TEE	TYPE A PIPE COLLAR	CLASS 3 EXC.	REMARKS
					LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	CU	
RTE 66	618D1	10+99.79		RT										4.0							7.0	
RTE 66	618P	11+01.78	11+92.15	RT		91.0															42.0	
RTE 66	621D1	11+94.12		RT										4.0							7.0	
RTE 66	621P	11+94.12	11+94.16	RT		5.0													1.0		3.0	15 IN. X 30 IN.
RTE 66	615.2P	11+94.16	13+87.07	RT					193.0												138.0	
RTE 66	622D1	12+93.95		RT										4.0							6.0	
RTE 66	622P	12+95.95	13+82.60	RT			88.0														40.0	
RTE 66	626C1	13+84.60		RT								5.0									8.0	
RTE 66	626P	13+84.60	13+84.62	RT			8.0												1.0		4.0	15 IN. X 30 IN.
RTE 66	626.1P	13+87.07	14+47.17	RT					60.0												43.0	
RTE 66	616D1	10+43.78		LT										4.0							5.0	
RTE 66	616P	10+45.80	12+47.63	LT		201.0															69.0	
RTE 66	620D1	12+49.63		LT										5.0							5.0	
RTE 66	620P	12+51.63	13+82.65	LT		131.0															66.0	
RTE 66	624C1	13+84.66		LT								5.0									8.0	
RTE 66	624P	13+86.65	14+33.97	LT		47.0															26.0	
RTE 66	628P	14+42.16	14+73.99	LT		32.0															15.0	
RTE 66	628C1	14+76.00		LT								5.0									8.0	
RTE 66	630P	14+53.67	14+66.10	RT		13.0															7.0	
RTE 66	630C1	14+68.09		RT								5.0									8.0	
RTE 66	724.1P	14+54.98	15+22.32	RT							5.0									1.0	8.0	
RTE 66	724MH1	15+25.32		RT														8.0			21.0	
RTE 66	724P	15+25.22	15+25.19	RT			5.0														3.0	
RTE 66	724C1	15+25.19		RT								6.0									11.0	
RTE 66	722P	15+25.19	15+25.35	LT/RT			58.0														27.0	
RTE 66	722C1	15+25.37		LT								5.0									8.0	
RTE 66	720P	15+27.96	15+65.10	LT			38.0														20.0	
RTE 66	720D1	15+66.29		LT										5.0							7.0	
RTE 66	715P	15+68.73	16+79.20	LT		110.0															51.0	
RTE 66	715D1	16+81.47		LT										4.0							7.0	
RTE 66	719P	15+27.19	15+50.14	RT			23.0														14.0	
RTE 66	719C1	15+52.13		RT										5.0							7.0	
RTE 66	718P	15+54.14	15+83.27	RT			29.0														16.0	
RTE 66	718D1	15+85.26		RT										4.0							7.0	
RTE 66	717P	15+87.27	16+63.60	RT		76.0															35.0	
RTE 66	717D1	16+65.59		RT										4.0							7.0	
RTE 66	716.1P	15+28.32	17+40.82	RT						213.0											269.0	
RTE 66	716MH1	17+43.82		RT														7.0			21.0	
RTE 66	716P	17+43.54	17+43.61	RT		3.0															2.0	
RTE 66	716D1	17+43.61		RT										5.0							7.0	
RTE 66	712P	17+45.61	18+01.00	RT		55.0															26.0	
RTE 66	712D1	18+02.93		RT										4.0							7.0	
RTE 66	714P	17+43.61	17+47.60	LT/RT		63.0															28.0	
RTE 66	714D1	17+47.59		LT										4.0							7.0	
RTE 66	710P	17+49.59	18+73.10	RT		124.0															57.0	
RTE 66	710D1	18+75.09		LT										5.0							7.0	
RTE 66	708.1P	17+46.82	19+16.21	RT						168.0											200.0	
RTE 66	708MH1	19+18.74		RT													7.0				15.0	
RTE 66	708P	19+19.12	19+19.42	RT		2.0															2.0	
RTE 66	708D1	19+19.42		RT									5.0								5.0	
RTE 66	706.1P	19+21.19	20+04.12	RT					86.0												95.0	
RTE 66	706D1	19+45.20		RT									6.0								5.0	
RTE 66	706P	19+47.27	19+45.20	RT		7.0													1.0		4.0	15 IN. X 30 IN.
RTE 66	704MH1	20+06.64		RT													9.0				18.0	
RTE 66	703P	20+06.44	20+06.19	RT					3.0											1.0	3.0	
RTE 66	704P	20+08.93	20+22.06	RT		20.0								5.0							10.0	
RTE 66	704D1	20+22.06		RT										5.0							7.0	
RTE 66	703P	20+41.14	20+45.49	RT		42.0															20.0	
RTE 66	703T1	20+43.50		RT												5.0					10.0	
RTE 66	702P	20+45.01	20+45.49	LT		56.0															26.0	
RTE 66	702D1	20+45.01		LT									5.0								5.0	
				SUBTOTAL	0.0	1078.0	249.0	0.0	342.0	381.0	5.0	31.0	16.0	71.0	0.0	5.0	16.0	15.0	3.0	2.0	1620.0	
				TOTALS	11.0	3252.0	1116.0	1275.0	1175.0	381.0	5.0	52.0	73.0	195.0	65.0	5.0	42.0	29.0	6.0	6.0	5194.0	

NOTE: NO DIRECT PAY FOR EXCAVATION & BACKFILL

SUMMARY OF QUANTITIES
SHEET 11 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 10/14/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SOD - TURF TYPE FESCUE

ROUTE	STA.	STA.	LOCATION	SY	REMARKS
J7S2185G					
RTE 66	51+10.00	51+95.92	LT	74.4	
RTE 66	52+42.68	53+57.80	LT	85.6	
RTE 66	53+73.70	55+32.38	LT	128.7	
RTE 66	55+73.94	58+45.31	LT	240.6	
RTE 66	58+93.43	59+55.80	LT	71.6	
RTE 66	59+84.69	61+16.19	LT	127.2	
RTE 66	61+36.10	61+77.97	LT	34.7	
RTE 66	62+23.28	63+48.75	LT	101.1	
RTE 66	63+61.75	63+78.75	LT	12.1	
RTE 66	63+91.75	64+31.67	LT	32.4	
RTE 66	64+45.97	65+20.87	LT	83.2	
RTE 66	65+51.93	66+70.39	LT	95.9	
RTE 66	66+90.39	67+89.79	LT	85.3	
RTE 66	68+09.79	68+51.70	LT	27.9	
RTE 66	68+94.85	70+02.22	LT	92.9	
RTE 66	70+22.62	70+68.00	LT	36.6	
RTE 66	71+03.50	71+66.39	LT	54.4	
RTE 66	72+24.95	72+90.55	LT	55.8	
RTE 66	73+40.96	74+69.85	LT	112.4	
RTE 66	75+16.41	75+64.84	LT	37.1	
RTE 66	75+86.74	76+83.48	LT	81.6	
RTE 66	77+16.89	77+55.25	LT	31.6	
RTE 66	0+06.64	0+36.95	LT	81.6	
RTE 66	0+75.43	2+24.14	LT	31.6	
RTE 66	2+59.42	3+15.55	LT	57.3	
RTE 66	3+35.83	3+91.81	LT	57.1	
RTE 66	4+15.31	4+40.23	LT	24.2	
RTE 66	4+70.73	4+99.38	LT	19.5	
RTE 66	5+90.79	6+22.59	LT	21.6	
RTE 66	6+70.08	6+93.00	LT	13.0	
RTE 66	7+28.56	8+11.74	LT	86.5	
RTE 66	8+43.99	15+00.21	LT	786.5	
RTE 66	15+09.78	15+81.47	LT	80.4	
RTE 66	16+48.28	19+22.88	LT	329.9	
RTE 66	19+89.85	23+16.20	LT	200.4	
RTE 66	51+10.00	51+37.48	RT	23.3	
RTE 66	52+30.63	55+19.83	RT	292.2	
RTE 66	55+60.73	56+14.67	RT	47.9	
RTE 66	56+36.68	56+54.80	RT	13.1	
RTE 66	56+75.80	57+18.93	RT	49.3	
RTE 66	57+32.43	57+51.11	RT	20.6	
RTE 66	57+77.11	58+59.42	RT	108.1	
RTE 66	59+04.51	61+89.55	RT	261.8	
RTE 66	62+34.73	63+45.80	RT	109.1	
RTE 66	63+57.80	65+07.97	RT	131.1	
RTE 66	65+50.32	66+01.86	RT	48.1	
RTE 66	66+42.50	67+68.18	RT	146.4	
RTE 66	68+08.18	68+49.15	RT	38.5	
RTE 66	68+80.00	69+23.52	RT	37.8	
RTE 66	69+45.02	71+20.82	RT	211.8	
RTE 66	71+45.82	71+74.03	RT	25.8	
RTE 66	72+14.93	72+92.97	RT	61.4	
RTE 66	73+13.08	73+31.11	RT	12.3	
RTE 66	73+91.82	74+69.87	RT	68.1	
RTE 66	75+14.24	76+07.97	RT	98.0	
RTE 66	76+27.97	76+50.63	RT	23.0	
RTE 66	77+04.16	77+26.24	RT	13.1	
RTE 66	78+23.98	0+15.38	RT	22.2	
RTE 66	0+33.41	0+55.59	RT	15.4	
RTE 66	0+73.59	0+94.99	RT	13.4	
RTE 66	1+35.27	2+01.39	RT	68.1	
RTE 66	2+39.56	3+16.00	RT	52.6	
RTE 66	3+74.38	3+92.10	RT	16.8	
RTE 66	4+05.14	4+41.55	RT	24.1	
RTE 66	4+58.29	5+47.22	RT	92.7	
RTE 66	5+73.75	8+02.65	RT	241.4	
RTE 66	8+30.96	12+11.24	RT	532.6	
RTE 66	12+40.97	13+17.97	RT	89.0	
RTE 66	13+37.07	14+02.70	RT	60.5	
RTE 66	14+32+43	14+92.58	RT	74.2	
RTE 66	15+02.65	16+00.13	RT	122.8	
RTE 66	16+34.94	17+58.18	RT	153.1	
RTE 66	17+88.45	19+45.81	RT	167.8	
RTE 66	19+94.32	23+14.57	RT	194.5	
			TOTAL	7274.7	
			USE	7275	

TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (TABLE 1 OF 3)

ROUTE	STA.	STA.	LOCATION	SILT FENCE	CURB INLET CHECK	SEDIMENT REMOVAL	REMARKS
				LF	EA	CY	
RTE 66	51+10.00	51+75.96	LT	66		0.7	USE AS DIRECTED BY ENGINEER
RTE 66	51+33.26		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	51+83.74		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	51+92.86		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	51+98.51		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	52+33.52	52+64.45	RT	77		0.8	USE AS DIRECTED BY ENGINEER
RTE 66	52+38.78		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	52+51.13		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	52+70.04	52+87.78	LT	18		0.2	USE AS DIRECTED BY ENGINEER
RTE 66	53+19.20		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	53+54.72	54+55.13	RT	109		1.1	USE AS DIRECTED BY ENGINEER
RTE 66	55+12.92		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	55+61.73	56+15.74	RT	54		0.5	USE AS DIRECTED BY ENGINEER
RTE 66	55+59.95		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	55+79.14		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	55+80.90		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	56+77.84	57+50.70	RT	73		0.7	USE AS DIRECTED BY ENGINEER
RTE 66	57+12.77		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	58+42.46		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	58+64.84		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	58+88.76		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	58+90.97		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	59+05.31	59+55.31	LT	50		0.5	USE AS DIRECTED BY ENGINEER
RTE 66	59+11.04		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	59+84.69	60+21.89	LT	37		0.4	USE AS DIRECTED BY ENGINEER
RTE 66	60+60.43	61+19.32	RT	59		0.6	USE AS DIRECTED BY ENGINEER
RTE 66	61+51.69	61+89.58	RT	38		0.4	USE AS DIRECTED BY ENGINEER
RTE 66	63+07.73	63+32.74	RT	25		0.3	USE AS DIRECTED BY ENGINEER
RTE 66	63+30.79		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	63+32.05		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	63+35.65	63+47.78	RT	12		0.1	USE AS DIRECTED BY ENGINEER
RTE 66	63+58.22	63+74.01	RT	16		0.2	USE AS DIRECTED BY ENGINEER
RTE 66	63+76.73	64+20.63	RT	44		0.4	USE AS DIRECTED BY ENGINEER
RTE 66	64+23.76	64+43.22	RT	19		0.2	USE AS DIRECTED BY ENGINEER
RTE 66	64+46.17	65+20.73	LT	75		0.8	USE AS DIRECTED BY ENGINEER
RTE 66	65+01.99		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	65+02.61		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	65+51.81	65+61.19	LT	9		0.1	USE AS DIRECTED BY ENGINEER
RTE 66	65+50.40	66+01.89	RT	51		0.5	USE AS DIRECTED BY ENGINEER
RTE 66	65+68.91		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	66+42.69	67+68.68	RT	126		1.3	USE AS DIRECTED BY ENGINEER
RTE 66	66+57.60		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	66+57.07		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	68+08.18	68+49.18	RT	41		0.4	USE AS DIRECTED BY ENGINEER
RTE 66	68+31.34		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	68+28.60		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	68+28.66		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	68+37.32	68+51.66	LT	14		0.1	USE AS DIRECTED BY ENGINEER
RTE 66	68+54.75		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	68+80.03	67+87.85	RT	13		0.1	USE AS DIRECTED BY ENGINEER
RTE 66	68+95.39	69+23.52	RT	33		0.3	USE AS DIRECTED BY ENGINEER
RTE 66	68+99.04		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	69+16.61		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	69+45.02	70+47.41	RT	102		1.0	USE AS DIRECTED BY ENGINEER
RTE 66	70+44.35		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	70+44.97		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	70+53.77	70+64.34	RT	11		0.1	USE AS DIRECTED BY ENGINEER
RTE 66	70+70.66	71+20.82	RT	50		0.5	USE AS DIRECTED BY ENGINEER
RTE 66	71+45.82	71+74.08	RT	28		0.3	USE AS DIRECTED BY ENGINEER
			SUBTOTAL	1250	32	44.6	

PER EPG 806.6: QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING 1 CY PER DITCH CHECK, 1 CY PER 100 LINEAR FEET OF SILT FENCE, AND 1 CY PER INLET CHECK

SUMMARY OF QUANTITIES
SHEET 12 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/2/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	3

COUNTY: JASPER

JOB NO.: J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (TABLE 2 OF 3)

ROUTE	STA.	STA.	LOCATION	SILT FENCE LF	CURB INLET CHECK EA	SEDIMENT REMOVAL CY	REMARKS
RTE 66	71+45.74		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	71+45.82	71+74.08	LT	28		0.3	USE AS DIRECTED BY ENGINEER
RTE 66	71+59.60		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	71+63.17		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	72+14.97	72+23.37	RT	8		0.1	USE AS DIRECTED BY ENGINEER
RTE 66	72+29.46		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	72+29.49		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	72+79.13		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	72+81.13		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	73+53.39		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	74+65.21		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	74+65.21		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	74+67.58		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	75+13.23		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	75+13.84	75+48.20	RT	34		0.3	USE AS DIRECTED BY ENGINEER
RTE 66	75+16.32	75+30.58	LT	14		0.1	USE AS DIRECTED BY ENGINEER
RTE 66	75+34.40		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	76+01.01	76+04.76	LT	4		0.0	USE AS DIRECTED BY ENGINEER
RTE 66	76+34.16		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	76+39.48		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	77+59.31		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	77+62.13		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	77+64.53		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	77+66.16		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	78+22.43		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	78+24.35		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	78+24.45		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	78+33.65		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	0+03.52		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	0+24.24		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	0+84.12	+95.50	RT	11		0.1	USE AS DIRECTED BY ENGINEER
RTE 66	1+34.77	1+49.56	RT	15		0.2	USE AS DIRECTED BY ENGINEER
RTE66	1+54.75	2+00.06	RT	45		0.5	USE AS DIRECTED BY ENGINEER
RTE 66	1+80.51		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	1+99.07		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	1+99.56	2+23.31	LT	24		0.2	USE AS DIRECTED BY ENGINEER
RTE 66	2+59.67	3+15.32	LT	56		0.6	USE AS DIRECTED BY ENGINEER
RTE 66	3+35.32	3+92.31	LT	57		0.6	USE AS DIRECTED BY ENGINEER
RTE 66	3+73.86	3+92.62	RT	19		0.2	USE AS DIRECTED BY ENGINEER
RTE 66	4+58.29	4+66.79	RT	9		0.1	USE AS DIRECTED BY ENGINEER
RTE 66	4+71.84	5+47.23	RT	75		0.8	USE AS DIRECTED BY ENGINEER
RTE 66	4+80.24		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	4+82.88		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	5+73.49	6+91.18	RT	119		1.2	USE AS DIRECTED BY ENGINEER
RTE 66	5+83.19		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	6+27.19		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	6+79.43		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	7+28.45	8+11.74	LT	82		0.8	USE AS DIRECTED BY ENGINEER
RTE 66	7+44.27		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	7+72.60		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	8+04.34		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	8+30.20		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	8+48.75	12+10.26	RT	371		3.7	USE AS DIRECTED BY ENGINEER
RTE 66	8+67.07		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	8+70.75		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	9+44.47		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	9+19.36	11+95.45	LT	273		2.7	USE AS DIRECTED BY ENGINEER
RTE 66	10+43.76		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	10+99.80		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	11+94.08		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	11+99.45	14+85.31	LT	186		1.9	USE AS DIRECTED BY ENGINEER
RTE 66	12+49.92		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	12+72.49	13+17.00	RT	45		0.5	USE AS DIRECTED BY ENGINEER
			SUBTOTAL	1475	43	57.9	

PER EPG 806.6: QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING 1 CY PER DITCH CHECK, 1 CY PER 100 LINEAR FEET OF SILT FENCE, AND 1 CY PER INLET CHECK

TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (TABLE 3 OF 3)

ROUTE	STA.	STA.	LOCATION	SILT FENCE LF	CURB INLET CHECK EA	SEDIMENT REMOVAL CY	REMARKS
RTE 66	12+94.31		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	13+38.13	14+01.85	RT	64		0.6	USE AS DIRECTED BY ENGINEER
RTE 66	13+84.65		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	13+54.62		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	14+33.48	14+85.71	RT	52		0.5	USE AS DIRECTED BY ENGINEER
RTE 66	14+68.09		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	14+76.23		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	15+09.34	15+99.48	RT	90		0.9	USE AS DIRECTED BY ENGINEER
RTE 66	15+25.19		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	15+21.87	15+79.66	LT	58		0.6	USE AS DIRECTED BY ENGINEER
RTE 66	15+25.28		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	15+66.48		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	15+52.15		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	15+75.10		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	16+35.89	17+58.18	RT	122		1.2	USE AS DIRECTED BY ENGINEER
RTE 66	16+65.60		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	16+77.64		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	16+81.06		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	16+51.06	19+20.40	LT	271		2.7	USE AS DIRECTED BY ENGINEER
RTE 66	17+47.92		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	17+43.59		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	17+89.42	19+41.57	RT	151		1.5	USE AS DIRECTED BY ENGINEER
RTE 66	18+03.05		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	18+78.05		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	19+44.32		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	19+19.57		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	19+95.70	23+14.90	RT	313		3.1	USE AS DIRECTED BY ENGINEER
RTE 66	19+92.47	23+15.90	LT	329		3.3	USE AS DIRECTED BY ENGINEER
RTE 66	20+22.40		RT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	20+25.46		LT		1	1.0	USE AS DIRECTED BY ENGINEER
RTE 66	20+41.28		LT		1	1.0	USE AS DIRECTED BY ENGINEER
			SUBTOTAL	1450	22	36.4	
			TOTAL	4129	97	138.4	

PER EPG 806.6: QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING 1 CY PER DITCH CHECK, 1 CY PER 100 LINEAR FEET OF SILT FENCE, AND 1 CY PER INLET CHECK

SUMMARY OF QUANTITIES
SHEET 13 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/19/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ALTERNATE G - RTE 66 ASPHALT PAVEMENT					
ROUTE	STA.	STA.	LOCATION	ASPHALTIC PAVEMENT (10.5 IN. THICK) SY	REMARKS
J7S2185E					
	51+10.00	23+15.74	LT & RT	34333.9	
			TOTAL	34333.9	
			USE	34334.0	
SEE TYPICAL SECTION SHEET 2 OF 10 FOR DETAILS OF ALTERNATE PAVEMENT DESIGN					

ALTERNATE G - ASPHALT PAVEMENT
SUMMARY OF QUANTITIES
SHEET 14A OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/14/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ALTERNATE H - RTE 66 CONCRETE PAVEMENT					
ROUTE	STA.	STA.	LOCATION	PCCP 9.5" THICKNESS	REMARKS
				SY	
J7S2185E					
	51+10.00	23+15.74	LT & RT	34333.9	
			TOTAL	34333.9	
			USE	34334.0	
SEE TYPICAL SECTION SHEET 2 OF 10 FOR DETAILS OF ALTERNATE PAVEMENT DESIGN					

ALTERNATE H - CONCRETE PAVEMENT
SUMMARY OF QUANTITIES
SHEET 14B OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/14/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	3

COUNTY JASPER

JOB NO. J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50	4	50				DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00	2	32				BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	48X48	16.00	2	32				SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	10	160				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00	2	32				2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00						FLAGGER (SYMBOL, WITH FLAGS)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	2	12				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	4	48				SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00	4	64				NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	8	16				SIDEWALK CLOSED
R9-11L	24X18	3.00	4	12				SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00	4	12				SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00	8	80				ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50	8	100				ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00	1	12				POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	2	16				RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	802

616-10.10 RELOCATED SIGNS	TOTAL
	0

ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025 DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSION (NARROW)
6122041		WORK ZONE CRASH CUSION (RELOCATION)
6123001	1	TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	200	CHANNELIZER (TRIM LINE)
6161026		CHANNELIZER (VERTICAL PANEL
6161030	20	TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099	4	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D	300	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION CONTRACTOR FURNISHED/RETAINED
6175010A	2100	RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6172013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400	1	TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

SUMMARY OF QUANTITIES
SHEET 15 OF 15

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

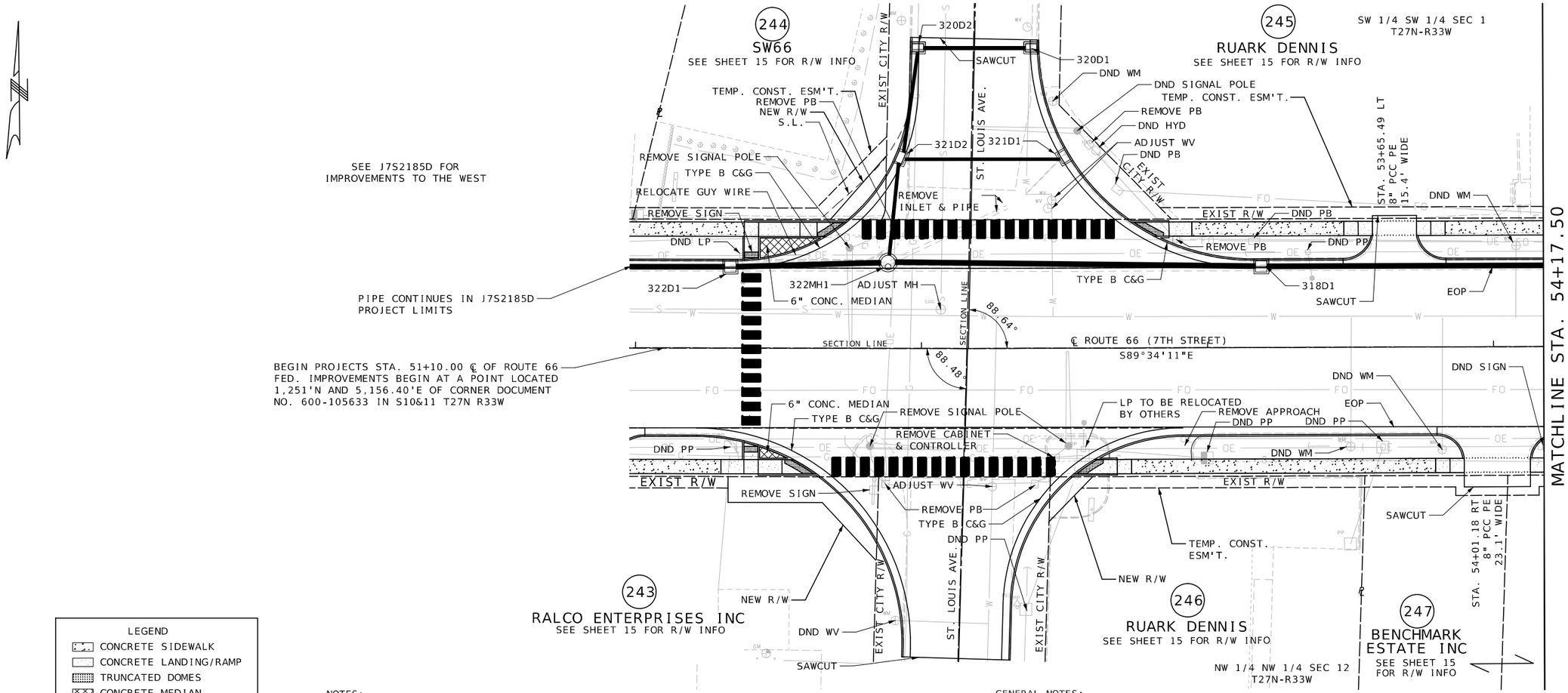
DATE PREPARED 8/20/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN

SCALE
0 20 40 60

NOTES:
1. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THE THIS PROJECT.
2. ALL BEARINGS ARE MODIFIED STATE PLAN BEARING. NAD83 WEST ZONE.
3. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA 51+10.00 TO STA 78+42.89; STA 0+00.77 TO STA 23+15.75.
4. THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS AND REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

GENERAL NOTES:
1. ALL SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED
2. LANDINGS FOR SIDEWALKS RUNNING SLOPE = 1% MIN, 2% MAX
3. RAMPS FOR SIDEWALKS RUNNING SLOPE = 8.33% MAX
4. FOR CURB AND RAMP DETAILS, SEE SPECIAL SHEETS & PAVEMENT MARKING SHEETS
5. FOR ENTERANCE DETAILS, SEE SPECIAL SHEETS
6. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
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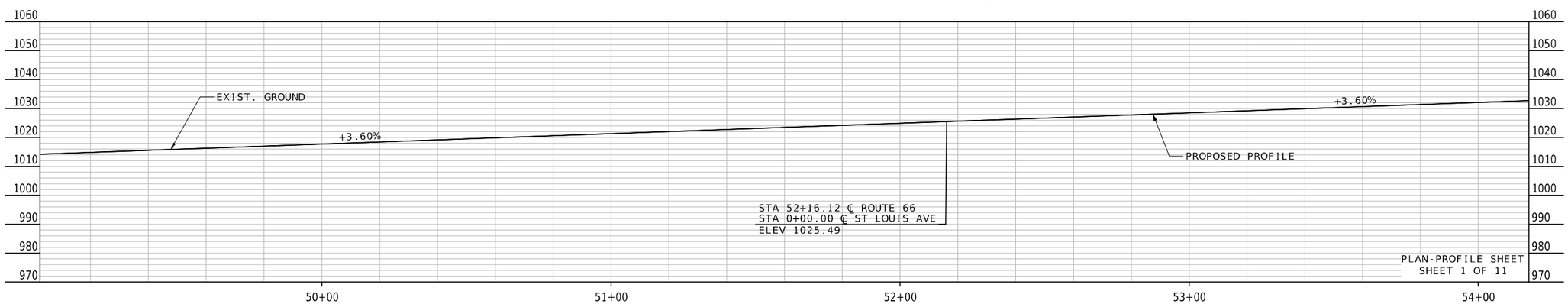

MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/18/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 4
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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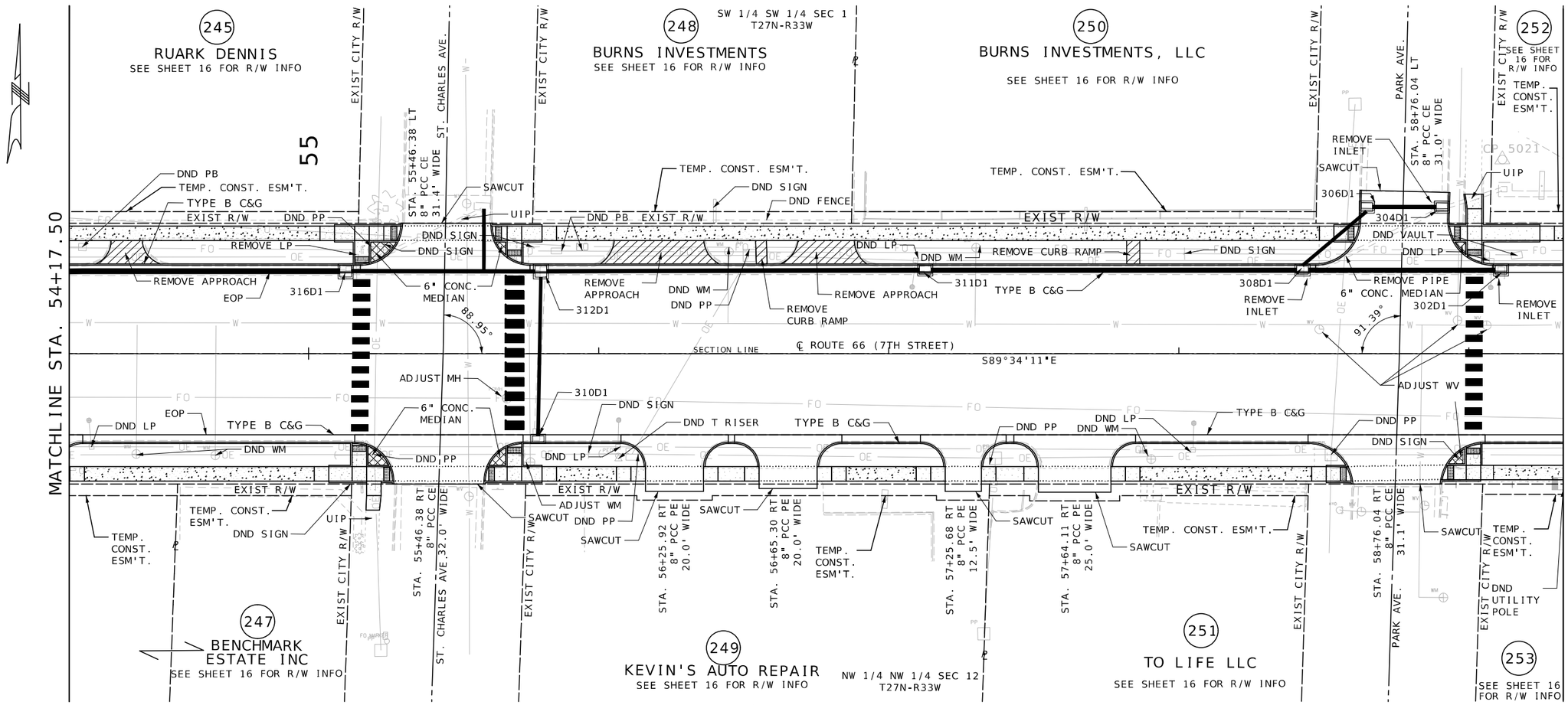

SCALE

0 20 40 60

LEGEND

- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN

GENERAL NOTES:

1. ALL SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED
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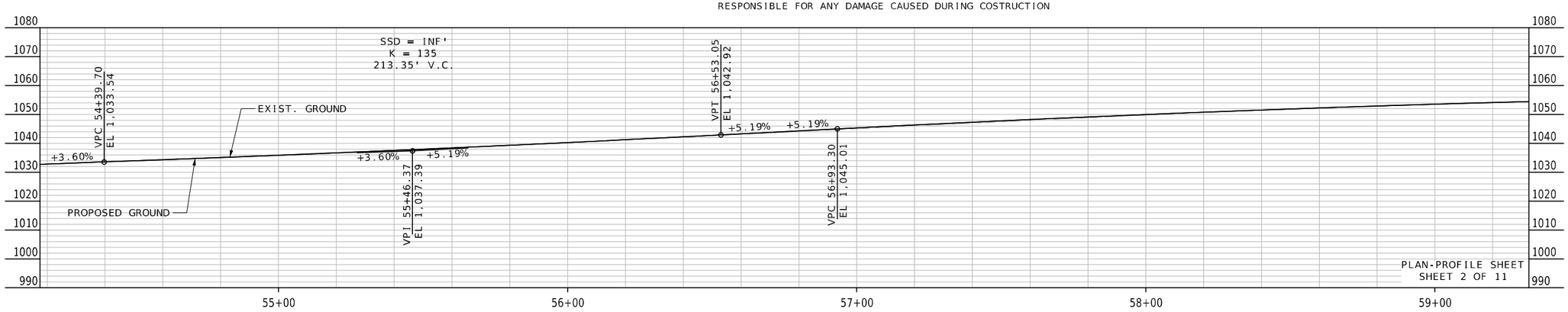

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
10/2/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	5

COUNTY: JASPER

JOB NO.: J7S2185E,G

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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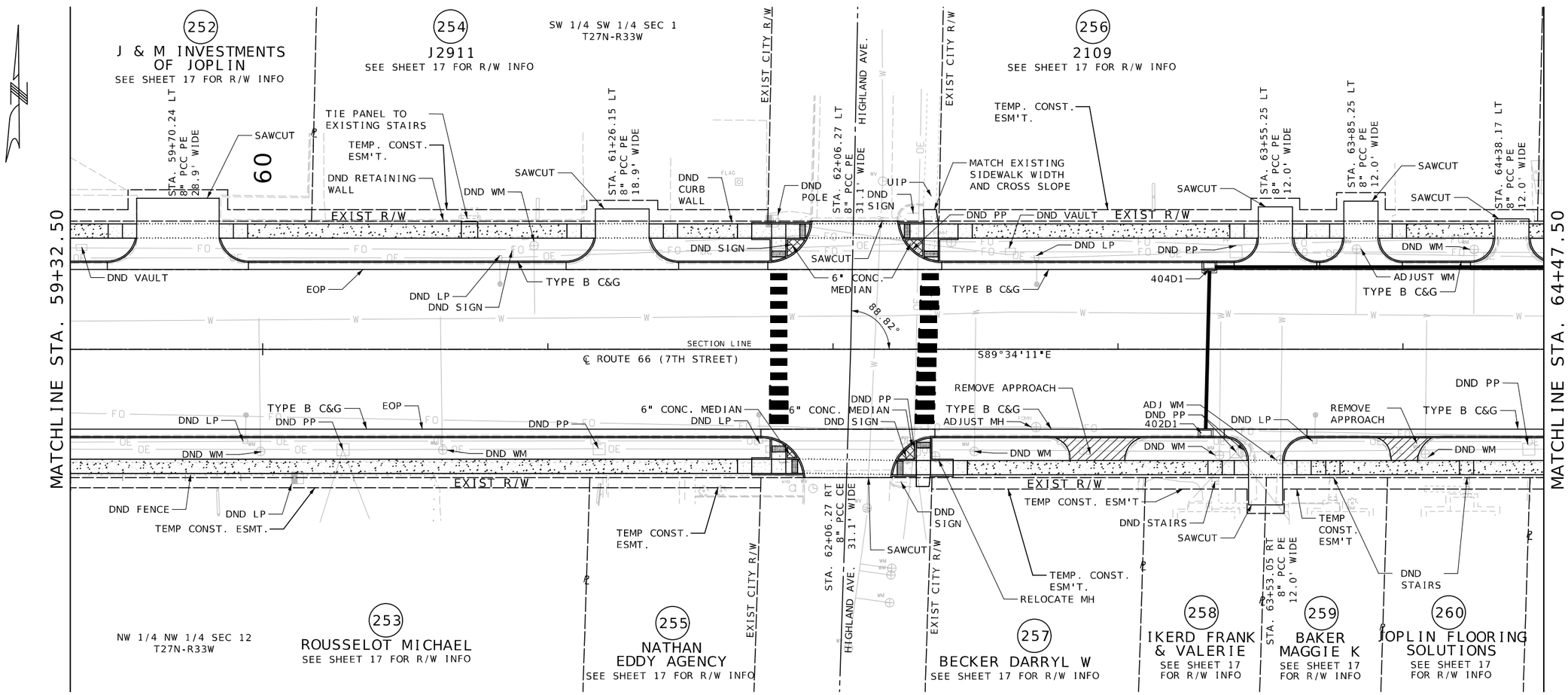

GENERAL NOTES:
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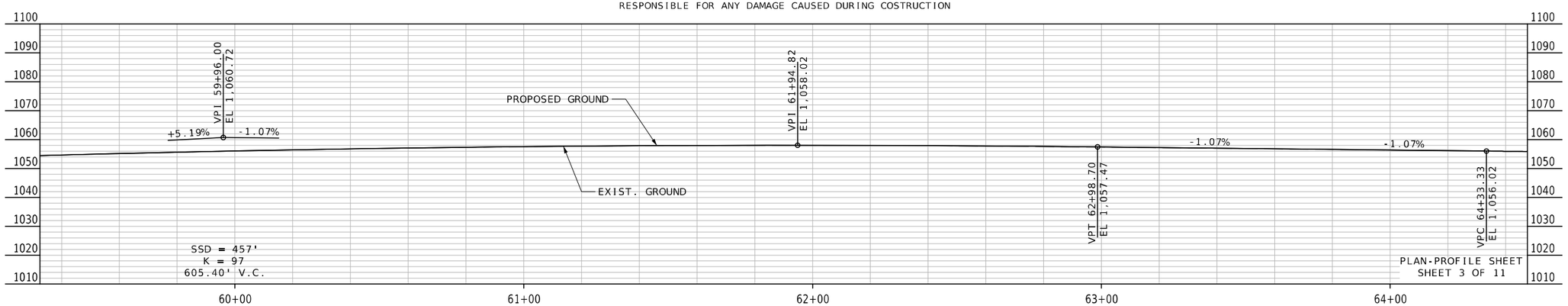

PLAN-PROFILE SHEET
SHEET 3 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 6
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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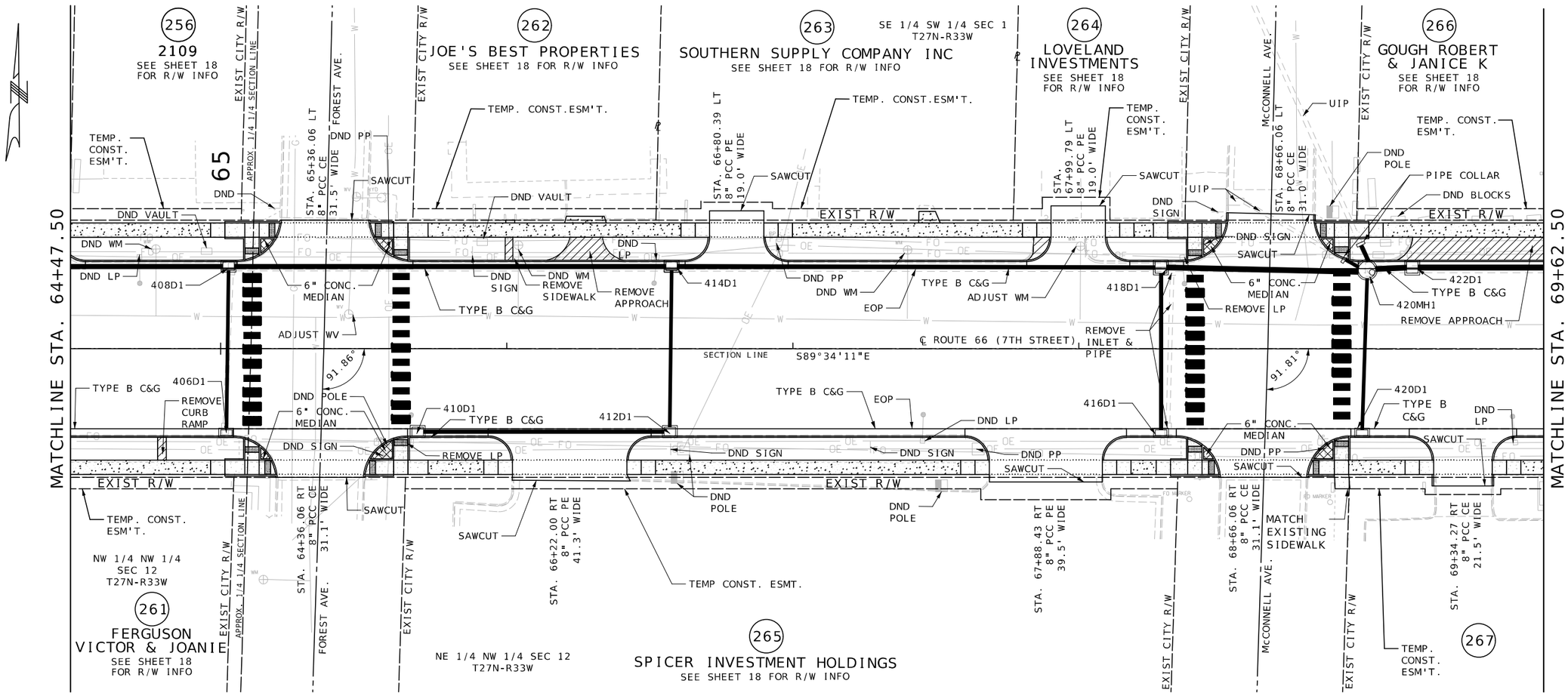

SCALE

0 20 40 60

LEGEND

- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN

GENERAL NOTES:

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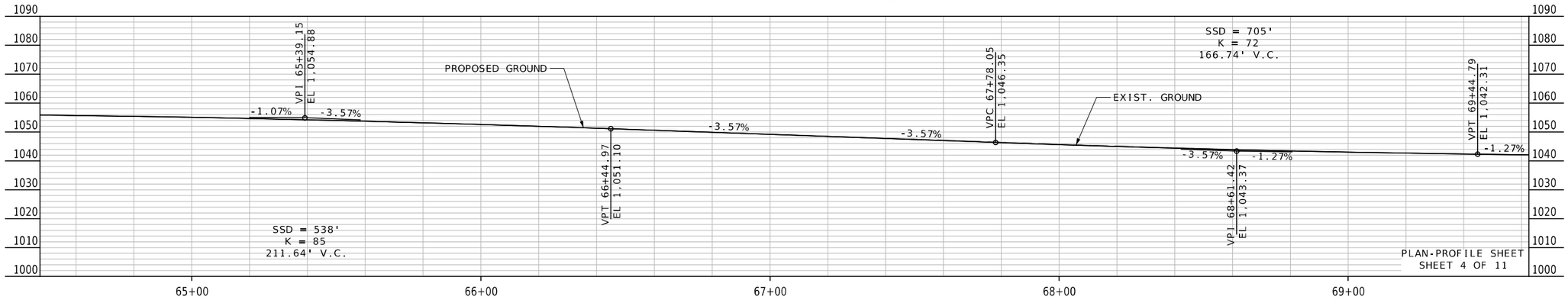

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
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DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	7

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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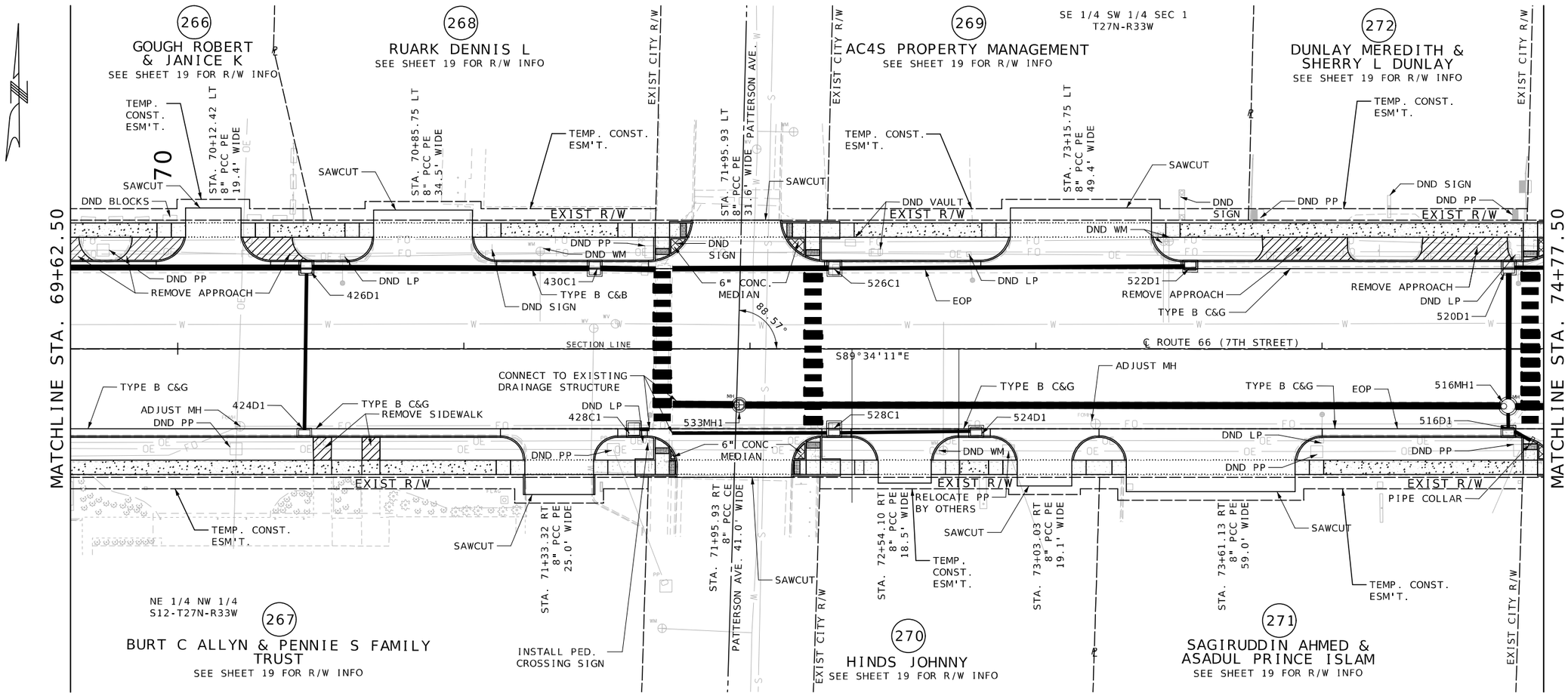

SCALE
0 20 40 60

LEGEND
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- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN

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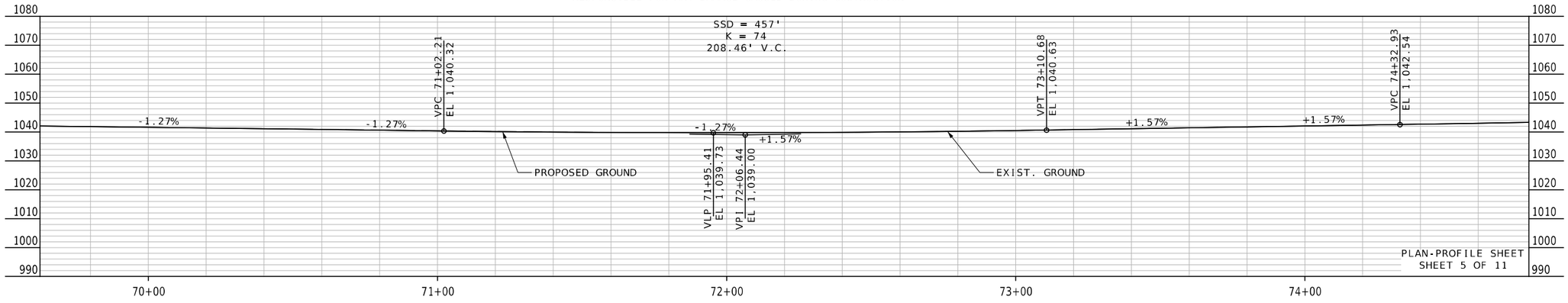


STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/1/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

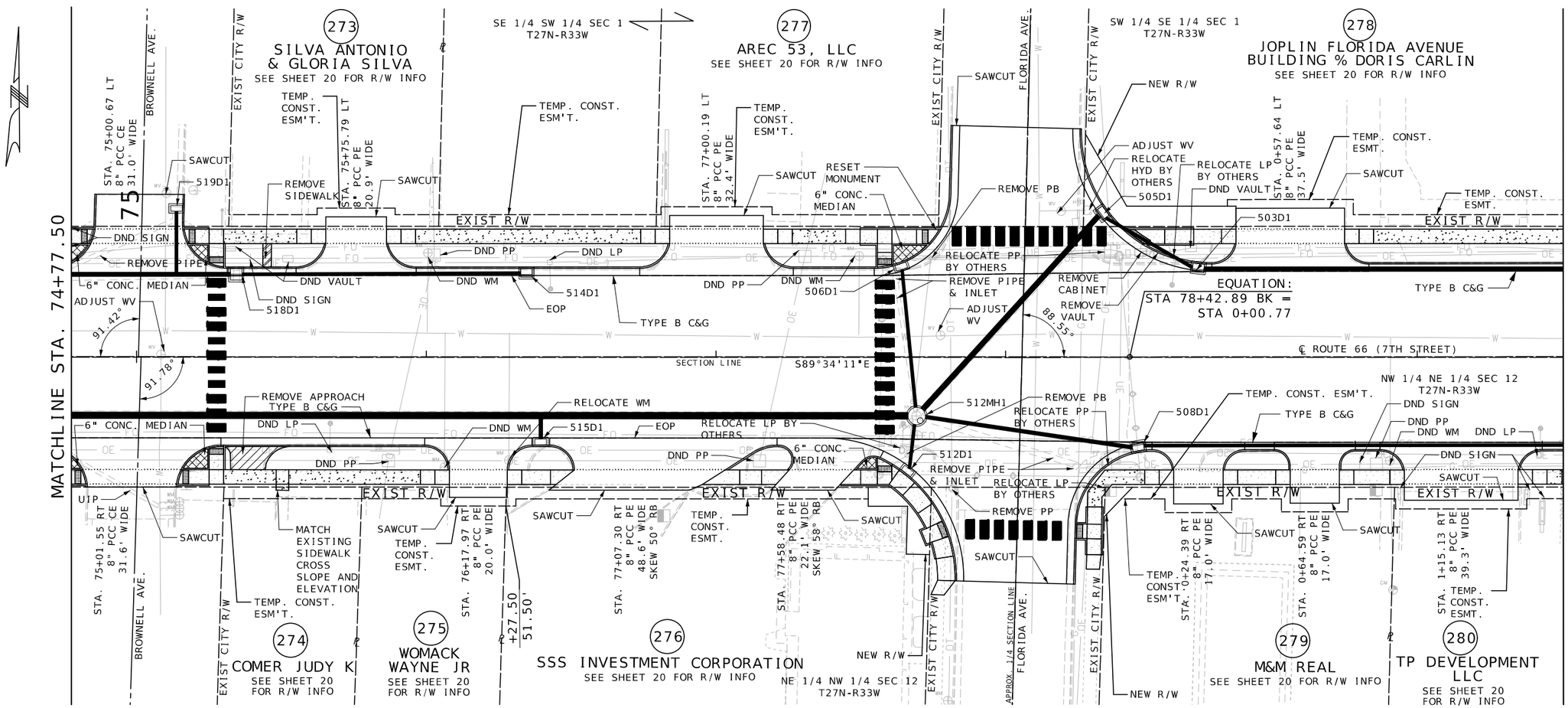
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



GENERAL NOTES:
1. ALL SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED
2. LANDINGS FOR SIDEWALKS RUNNING SLOPE = 1% MIN, 2% MAX
3. RAMPS FOR SIDEWALKS RUNNING SLOPE = 8.33% MAX
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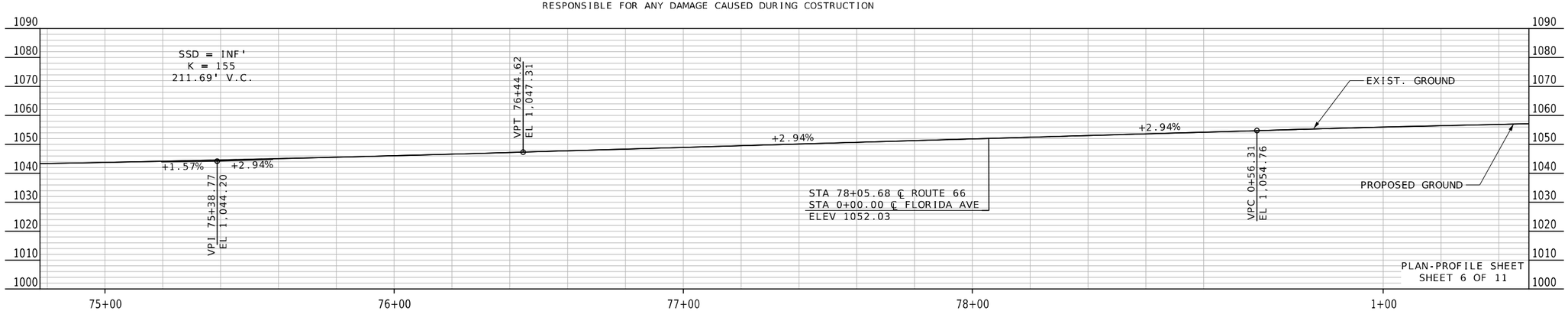


PLAN-PROFILE SHEET
SHEET 6 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

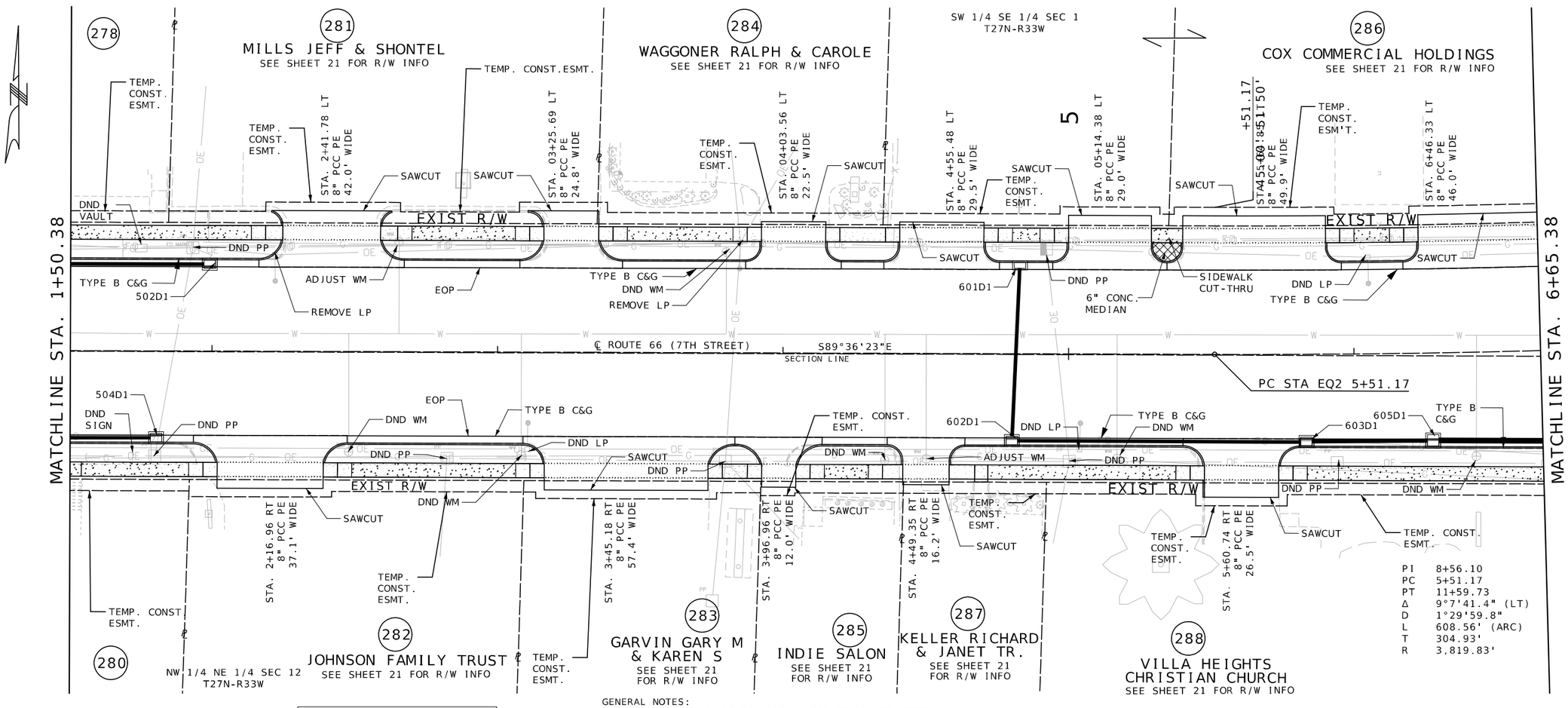
DATE PREPARED	
9/29/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	9

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SCALE
0 20 40 60

LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN

GENERAL NOTES:
1. ALL SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED
2. LANDINGS FOR SIDEWALKS RUNNING SLOPE = 1% MIN, 2% MAX
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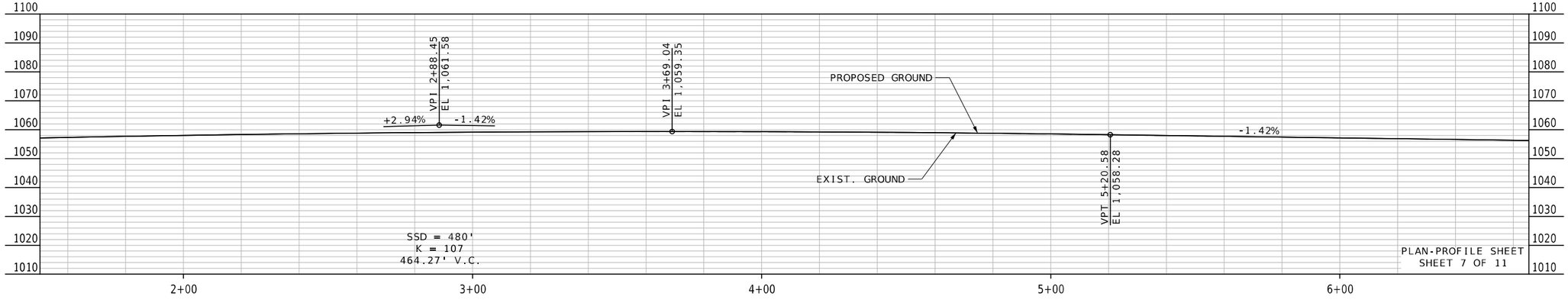


STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

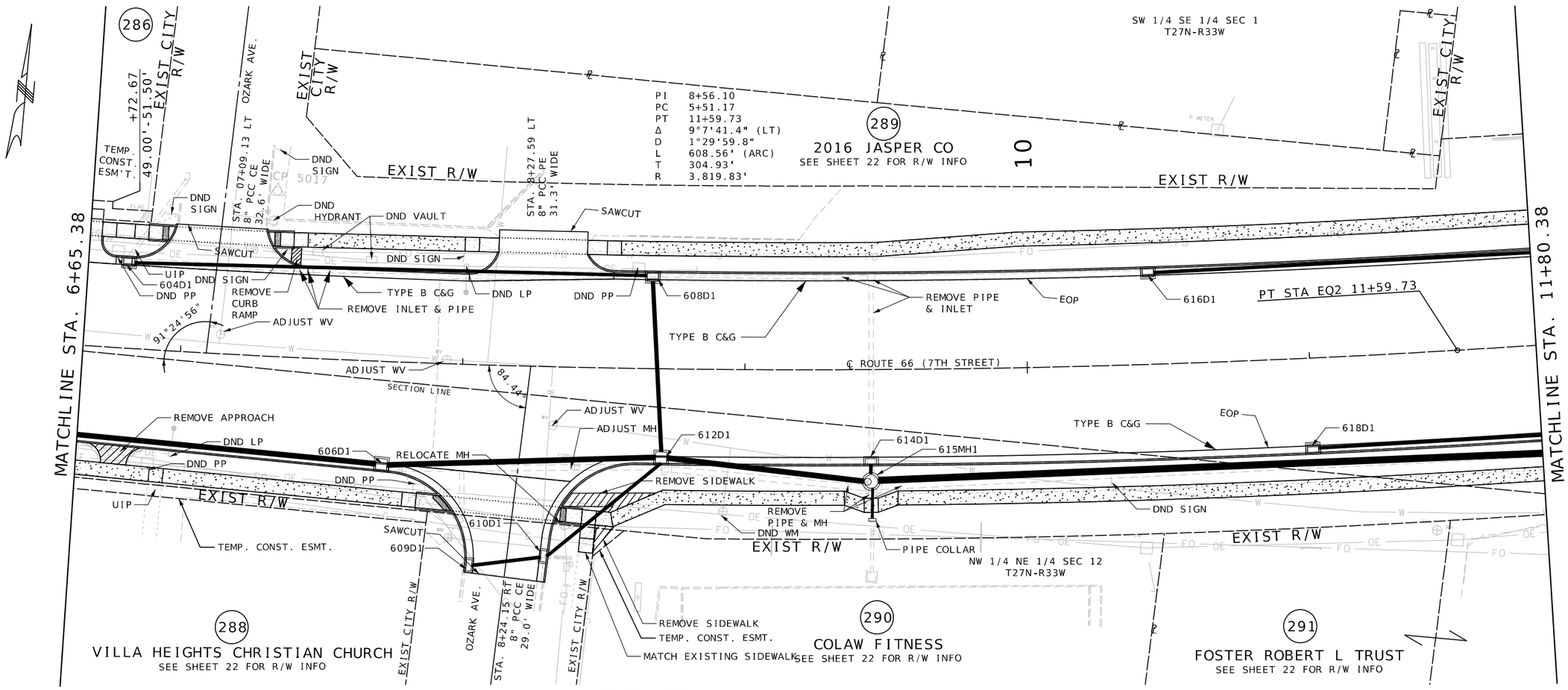
DATE PREPARED 8/5/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 10
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SCALE
0 20 40 60

LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN

GENERAL NOTES:
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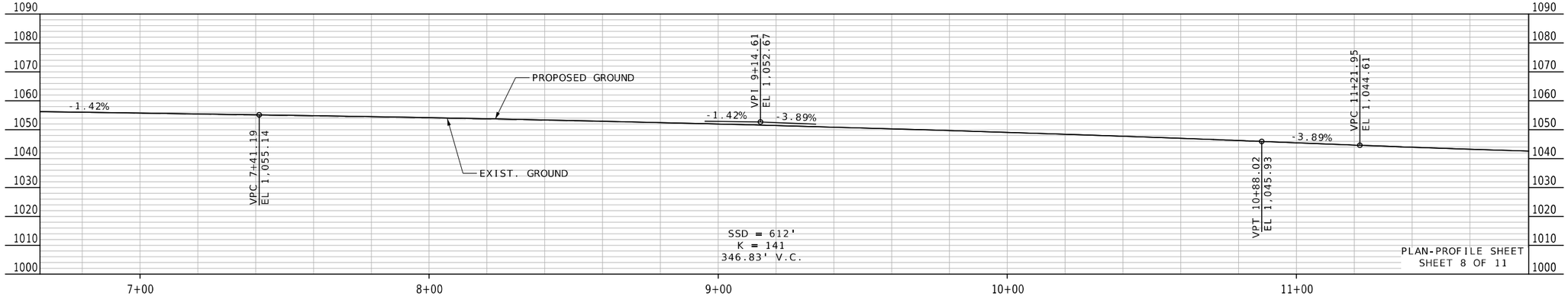


PLAN-PROFILE SHEET
SHEET 8 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

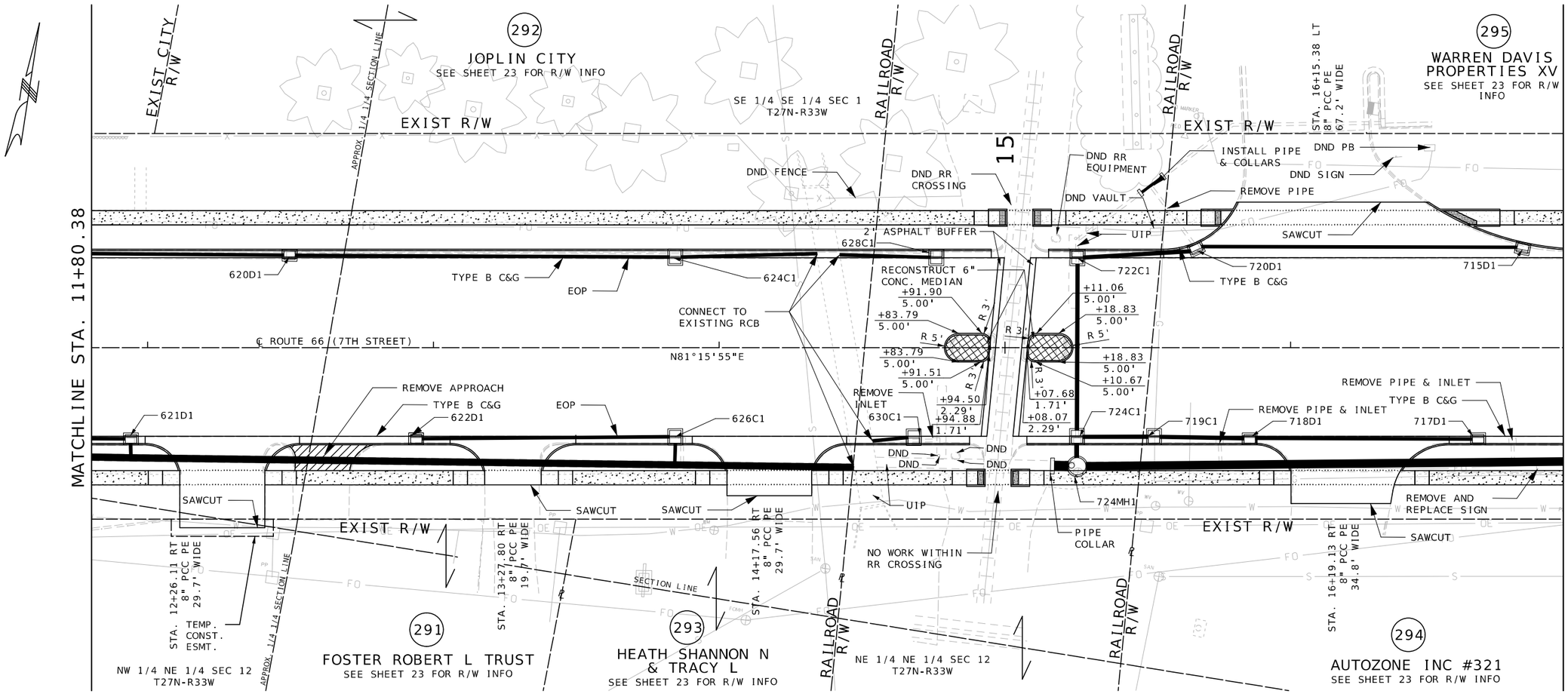
DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 11
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SCALE
0 20 40 60

LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN

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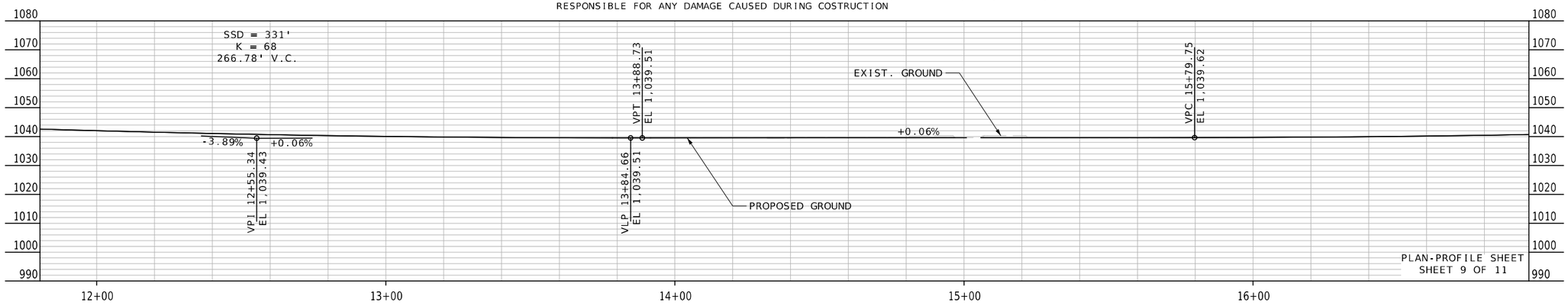


PLAN-PROFILE SHEET
SHEET 9 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

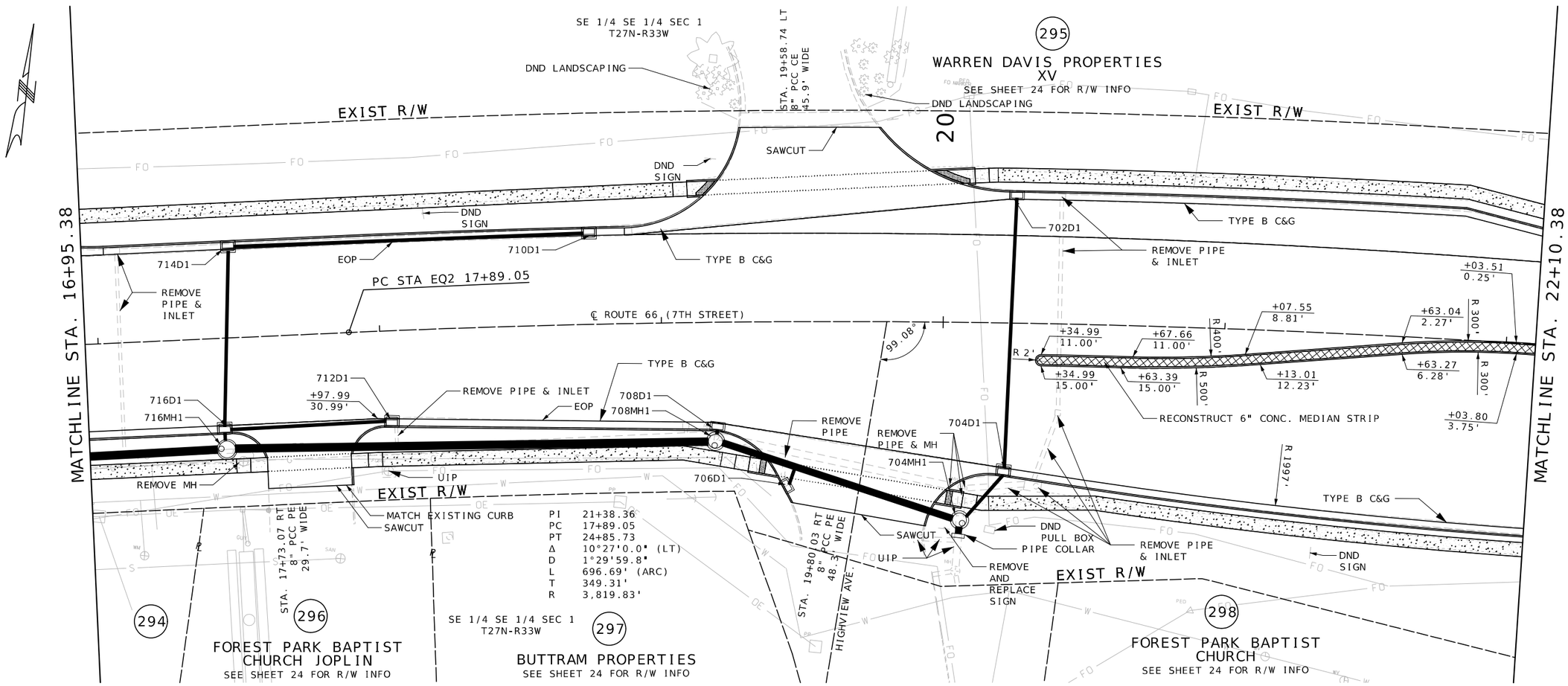
DATE PREPARED 8/5/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 12
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SCALE
0 20 40 60

LEGEND
- CONCRETE SIDEWALK
- CONCRETE LANDING/RAMP
- TRUNCATED DOMES
- CONCRETE MEDIAN

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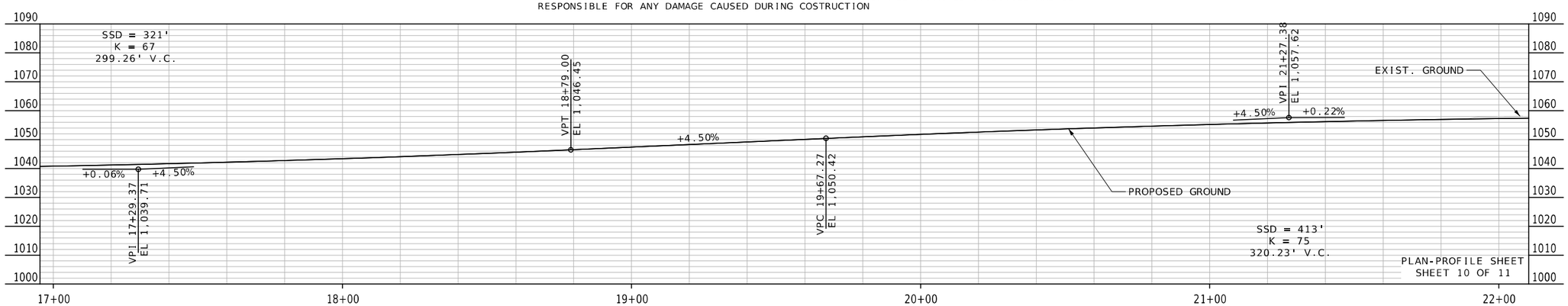

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	13

COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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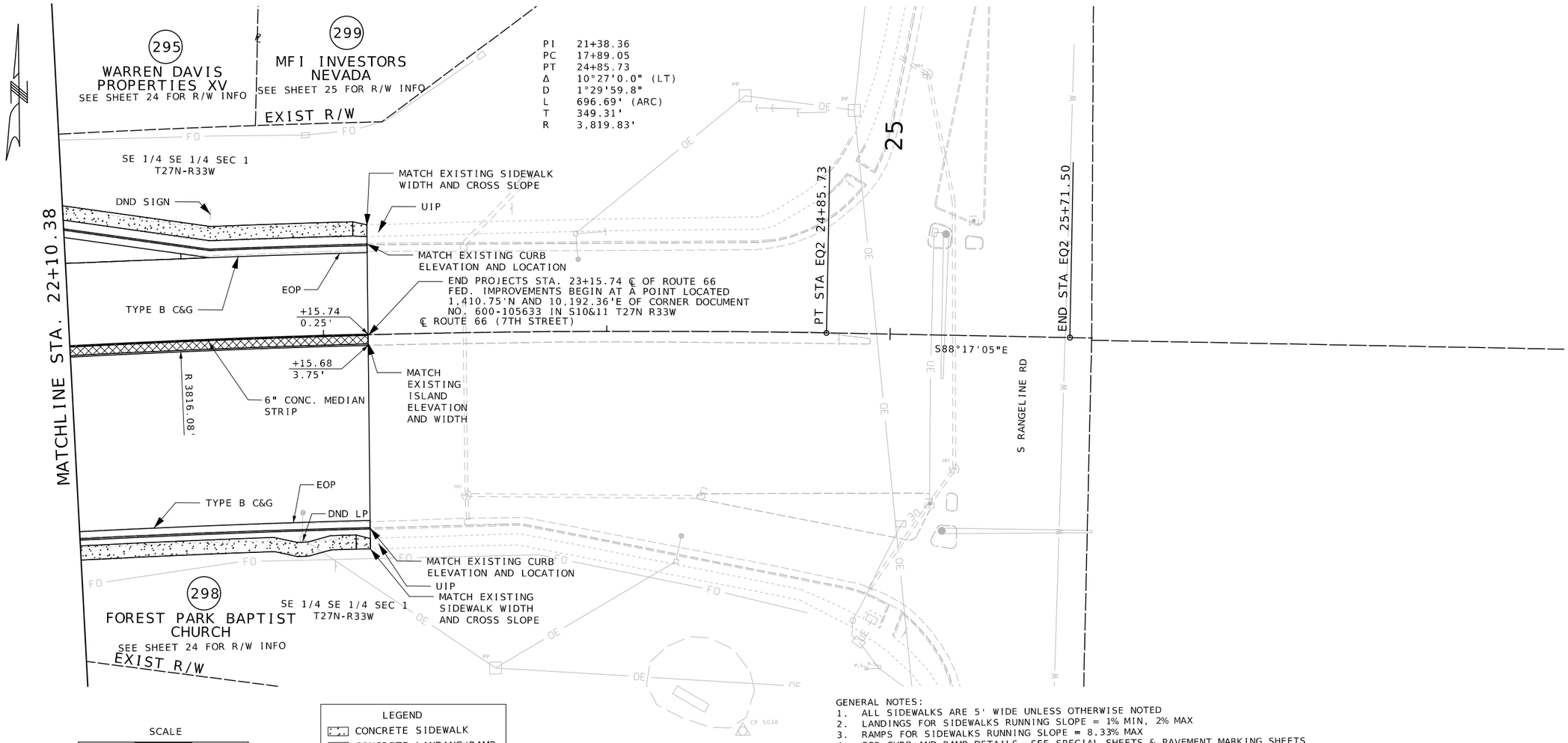

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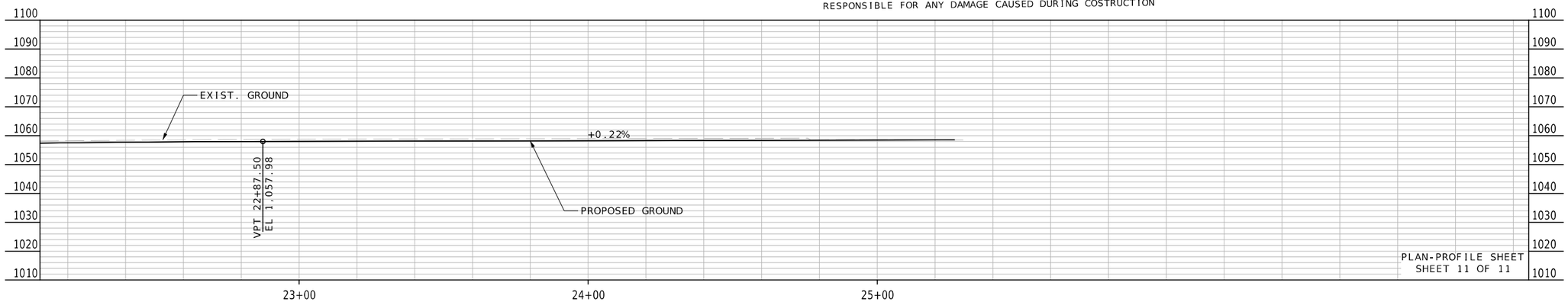


STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	14

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

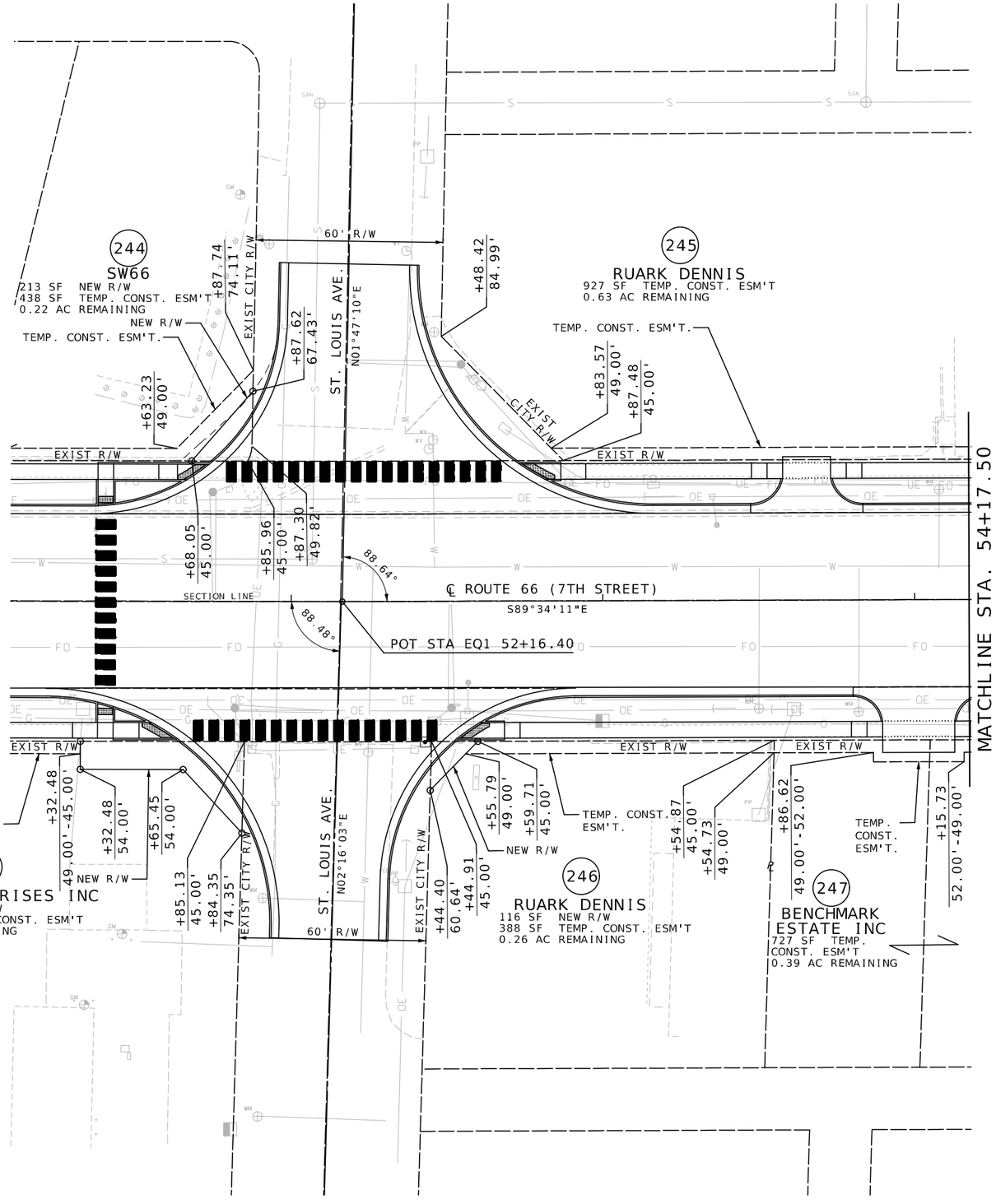
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CERTIFIED LAND CORNER

THE TOWNSHIP CORNER COMMON TO SECTIONS 1, 2, 11 AND 12-T27N-R33W IS LOCATED 15.89' S89°04'25"W OF STA 52+00.00 AS SHOWN IN THE CORNER DOCUMENT NO. 600-105407



SCALE

0 20 40 60

RIGHT OF WAY
SHEET 1 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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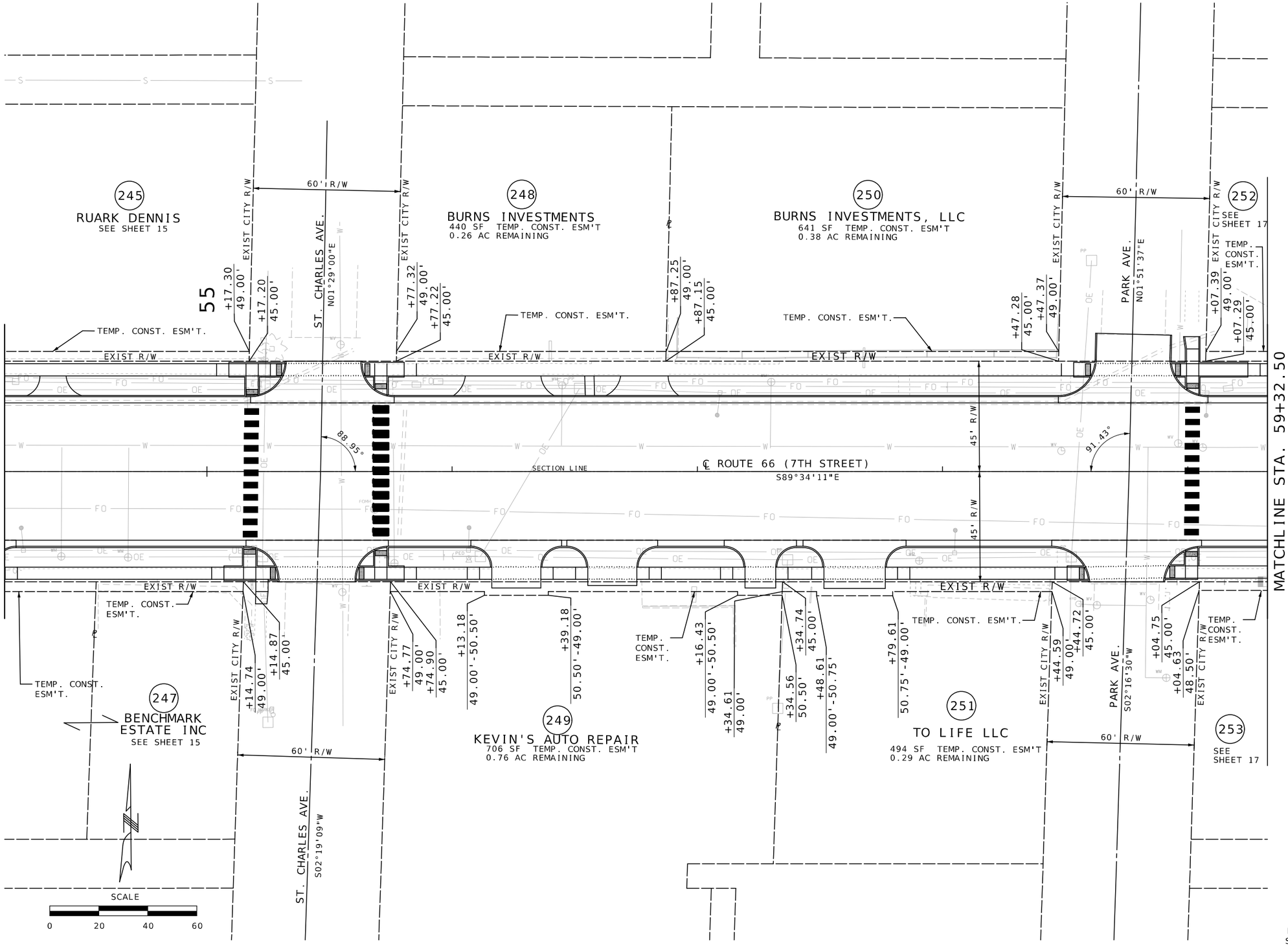


RIGHT OF WAY
SHEET 2 OF 11

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/2/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE STA. 59+32.50

MATCHLINE STA. 64+47.50

252
J & M INVESTMENTS OF JOPLIN
684 SF TEMP. CONST. ESM'T
0.26 AC REMAINING

254
J2911
721 SF TEMP. CONST. ESM'T
0.38 AC REMAINING

256
2109
1,251 SF TEMP. CONST. ESM'T
0.64 AC REMAINING

60' R/W

HIGHLAND AVE.
N01°36'35"E

EXIST CITY R/W

EXIST R/W

TEMP. CONST. ESM'T.

+52.80 | 49.00' | -56.00'
+87.69 | 56.00' | +87.69 | 49.00'
+17.14 | 45.00'
+17.23 | 49.00'
+13.70 | 49.00' | -52.25'
+38.59 | 52.25' | -49.00'
+77.19 | 45.00' | +77.27 | 49.00'
+37.28 | 49.00' | +37.20 | 45.00'
+46.69 | 49.00' | -53.00'
+63.80 | 53.00' | -49.00'
+76.69 | 49.00' | -55.00'
+93.80 | 55.00' | -49.00'

60

℄ ROUTE 66 (7TH STREET)

SECTION LINE

88.62°

S89°34'11"E

45' R/W

TEMP. CONST. ESM'T.

TEMP CONST. ESMT.

+14.75 | 45.00'
+14.63 | 48.50'
+74.66 | 48.50' | +74.77 | 45.00'
+34.81 | 45.00' | +34.67 | 49.00'
+09.66 | 45.00' | +09.53 | 49.00' | +52.10 | 45.00'
+45.30 | 49.00' | -57.50'
+51.70 | 57.50'
+58.30 | 57.50' | -49.00'
+94.47 | 49.00' | +94.60 | 45.00'
+44.53 | 45.00' | +44.41 | 49.00'

253
ROUSSELOT MICHAEL
735 SF TEMP. CONST. ESM'T
0.51 AC REMAINING

255
NATHAN EDDY AGENCY
210 SF TEMP. CONST. ESM'T
0.15 AC REMAINING

257
BECKER DARRYL W
299 SF TEMP. CONST. ESM'T
0.18 AC REMAINING

258
IKERD FRANK & VALERIE
225 SF TEMP. CONST. ESM'T
0.10 AC REMAINING

259
BAKER MAGGIE K
225 SF TEMP. CONST. ESM'T
0.10 AC REMAINING

260
JOPLIN FLOORING SOLUTIONS
200 SF TEMP. CONST. ESM'T
0.12 AC REMAINING

HIGHLAND AVE.
S02°18'39"W

SCALE
0 20 40 60

RIGHT OF WAY
SHEET 3 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

MATCHLINE STA. 64+47.50

MATCHLINE STA. 69+62.50

℄ ROUTE 66 (7TH STREET)

SECTION LINE S89°34'11"E

45' R/W

45' R/W

91.86°

91.81°

256
2109
SEE SHEET 17

65

EXIST CITY R/W

APPROX. 1/4 1/4 SECTION LINE

60' R/W

FOREST AVE.
N01°50'38"E

262
JOE'S BEST PROPERTIES
340 SF TEMP. CONST. ESM'T
0.20 AC REMAINING

263
SOUTHERN SUPPLY COMPANY INC
556 SF TEMP. CONST. ESM'T
0.29 AC REMAINING

264
LOVELAND INVESTMENTS
229 SF TEMP. CONST. ESM'T
0.14 AC REMAINING

McCONNELL AVE.
N01°48'39"E

266
GOUGH ROBERT & JANICE K
SEE SHEET 19

EXIST R/W

TEMP. CONST. ESM'T.

TEMP. CONST.ESM'T.

TEMP. CONST. ESM'T.

TEMP. CONST. ESM'T.

+07.26 / 49.00'

+07.16 / 45.00'

+67.18 / 45.00'

+67.28 / 49.00'

+52.18 / 45.00'

+52.27 / 49.00'

+67.89 / 49.00'

+67.89 / 51.25'

+92.89 / 51.25'

+92.89 / 49.00'

+77.10 / 45.00'

+77.19 / 49.00'

+87.29 / 49.00'-53.00'

+10.86 / 53.00'-45.00'

+37.13 / 45.00'

+97.25 / 49.00'

+97.15 / 45.00'

261
FERGUSON VICTOR & JOANIE
240 SF TEMP. CONST. ESM'T
0.15 AC REMAINING

TEMP. CONST. ESM'T.

+04.46 / 49.00'

+04.58 / 45.00'

+64.49 / 49.00'

+64.62 / 45.00'

TEMP CONST. ESMT.

265
SPICER INVESTMENT HOLDINGS
1,251 SF TEMP. CONST. ESM'T
3.65 AC REMAINING

+65.68 / 49.00'-52.75'

+11.18 / 52.75'-49.00'

+34.49 / 49.00'

+34.62 / 45.00'

McCONNELL AVE.
S02°14'34"W

+94.65 / 45.00'

+94.52 / 49.00'

+21.02 / 49.00'-51.00'

TEMP. CONST. ESM'T.

267
SEE SHEET 19

+47.52 / 51.00'-49.00'

FOREST AVE.
S02°17'09"W

SCALE
0 20 40 60

RIGHT OF WAY
SHEET 4 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

MATCHLINE STA. 69+62.50

MATCHLINE STA. 74+77.50

℄ ROUTE 66 (7TH STREET)

SECTION LINE

S89°34'11"E

88.57°

PATTERSON AVE.
N01°51'43"E

PATTERSON AVE.
S02°12'33"W

60' R/W

EXIST CITY R/W

EXIST R/W

45' R/W

266
GOUGH ROBERT & JANICE K
680 SF TEMP. CONST. ESM'T
0.32 AC REMAINING

DRIVEWAY EASEMENT
BOOK 985, PAGE 194

268
RUARK DENNIS L
583 SF TEMP. CONST. ESM'T
0.79 AC REMAINING

269
AC4S PROPERTY MANAGEMENT
769 SF TEMP. CONST. ESM'T
0.34 AC REMAINING

272
DUNLAY MEREDITH & SHERRY L DUNLAY
390 SF TEMP. CONST. ESM'T
0.22 AC REMAINING

267
BURT C ALLYN & PENNIE S FAMILY TRUST
1,287 SF TEMP. CONST. ESM'T
1.52 AC REMAINING

270
HINDS JOHNNY
441 SF TEMP. CONST. ESM'T
0.24 AC REMAINING

271
SAGIRUDDIN AHMED & ASADUL PRINCE ISLAM
852 SF TEMP. CONST. ESM'T
0.36 AC REMAINING

8' EASEMENT
BOOK 1190, PAGE 1072

TEMP. CONST. ESM'T.

+99.73	49.00'-52.25'	TEMP. CONST. ESM'T.
+25.11	52.25'-49.00'	
+46.19	49.00'	
+47.10	45.00'	
+65.50	49.00'-51.50'	
+06.00	51.50'-49.00'	
+67.14	49.00'	
+67.04	45.00'	
+27.06	45.00'	
+27.16	49.00'	
+88.06	49.00'-52.25'	
+43.45	52.25'-49.00'	
+74.40	49.00'	
+74.30	45.00'	
+71.78	45.00'	
+71.88	49.00'	
+17.82	49.00'-54.00'	
+48.82	54.00'-49.00'	
+64.39	49.00'	
+64.52	45.00'	
+24.55	45.00'	
+24.42	49.00'	
+90.47	49.00'-51.00'	
+15.58	51.00'-49.00'	
+22.16	49.00'	
+22.29	45.00'	
+28.62	49.00'-53.00'	
+93.65	53.00'-49.00'	
+70.14	45.00'	
+70.02	49.00'	

SCALE
0 20 40 60

RIGHT OF WAY
SHEET 5 OF 11

MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
STATE OF MISSOURI

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

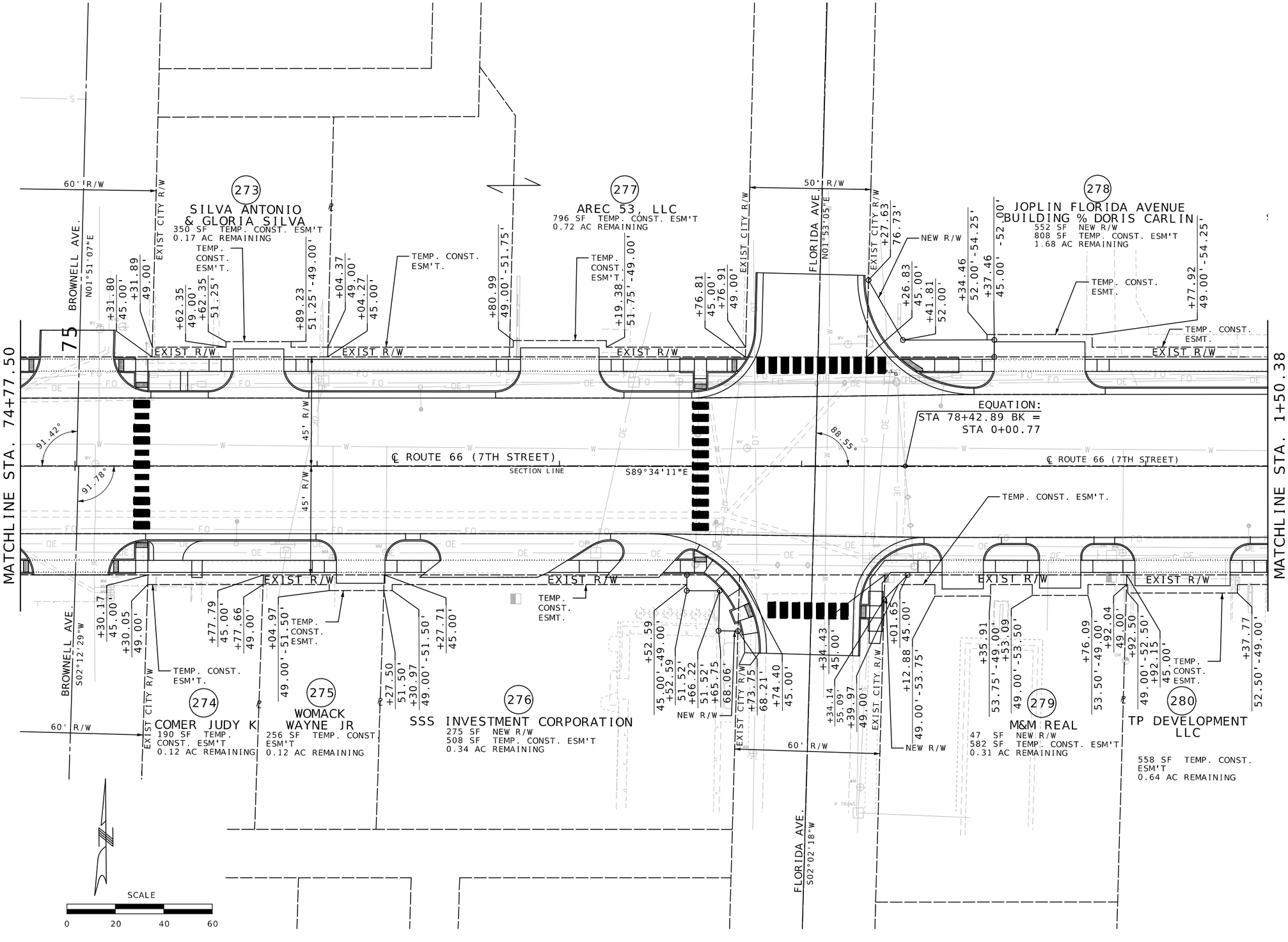
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



RIGHT OF WAY
SHEET 6 OF 11

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
9/29/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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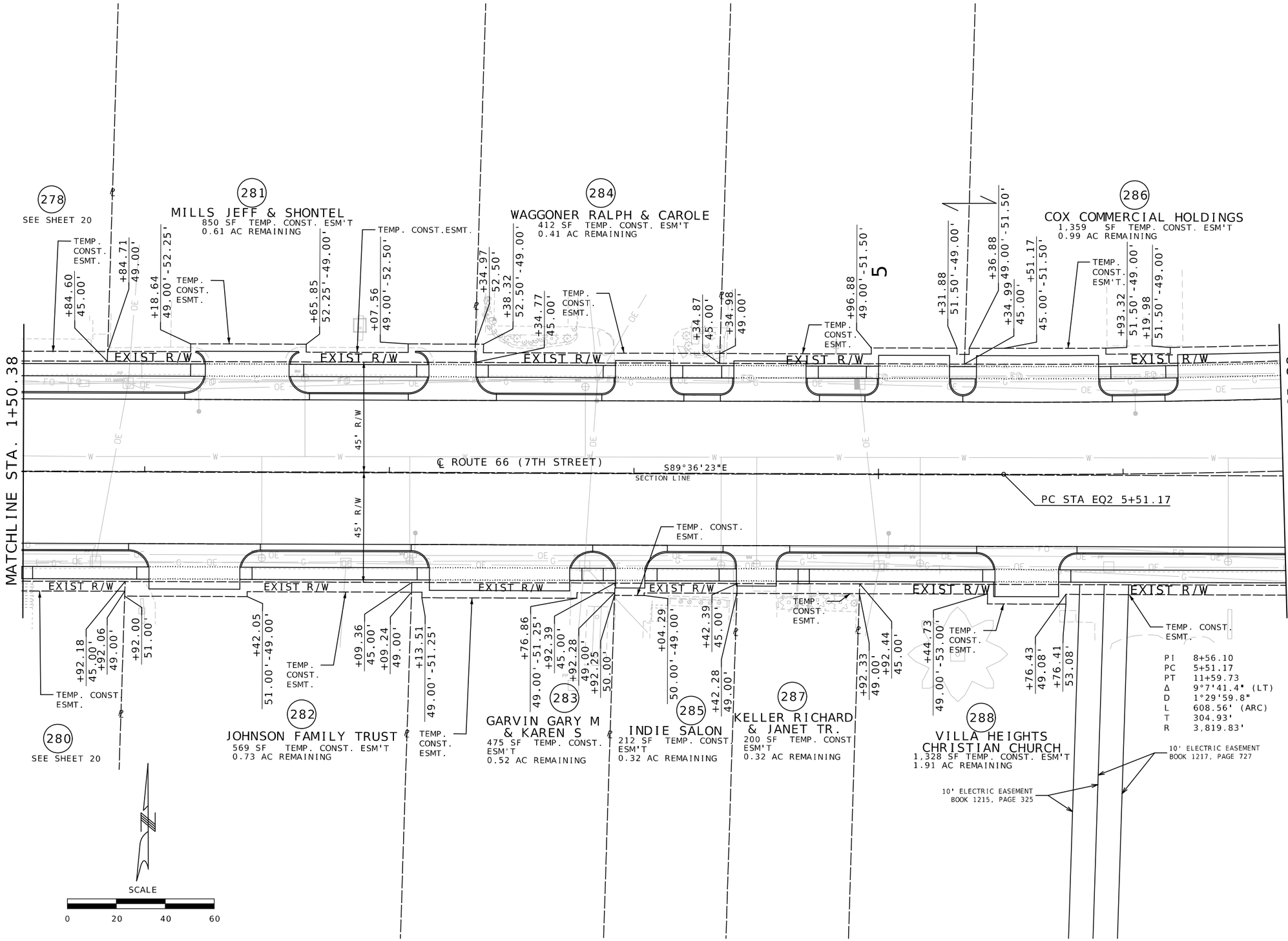


RIGHT OF WAY
SHEET 7 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	21

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

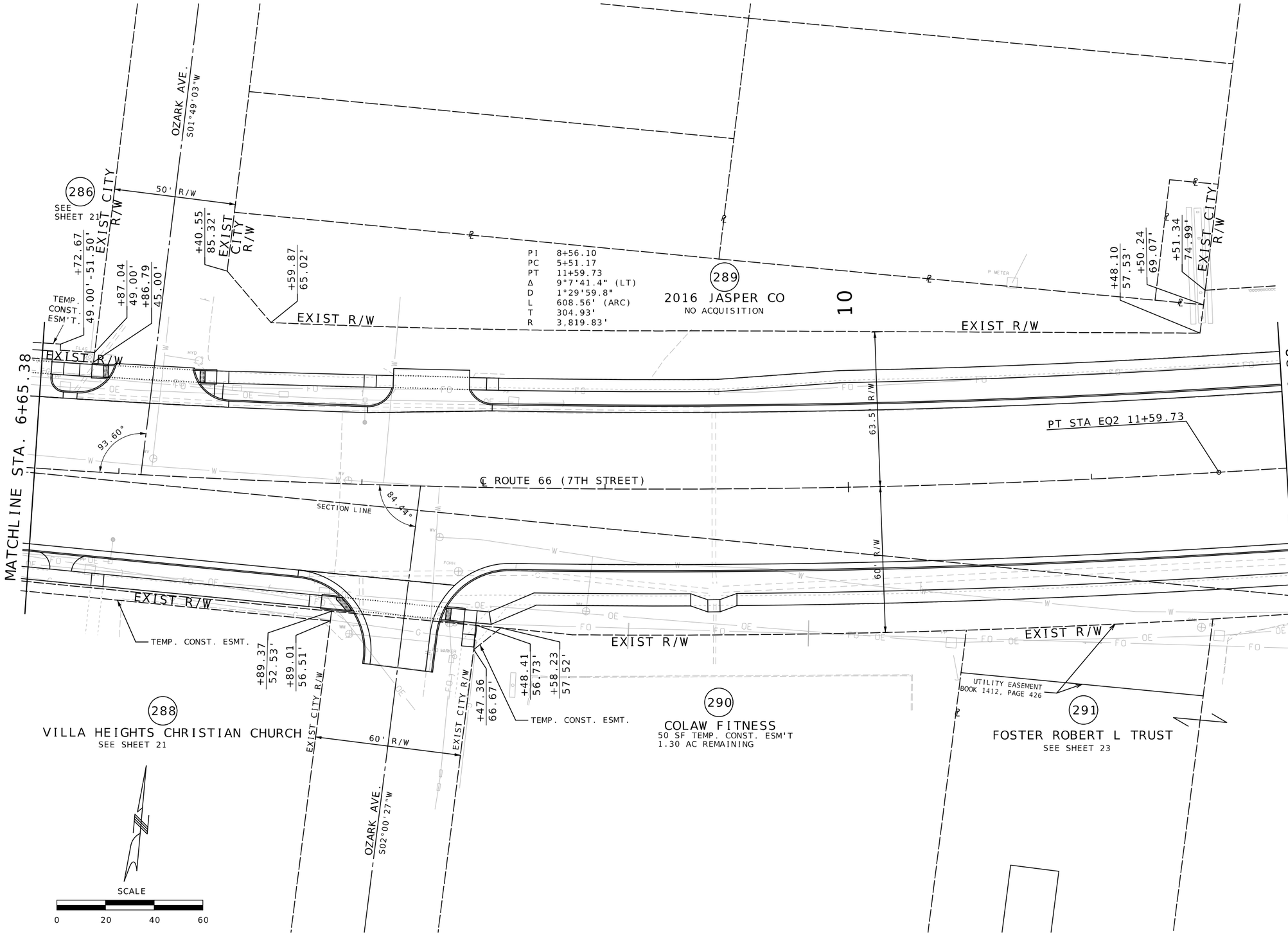
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM



STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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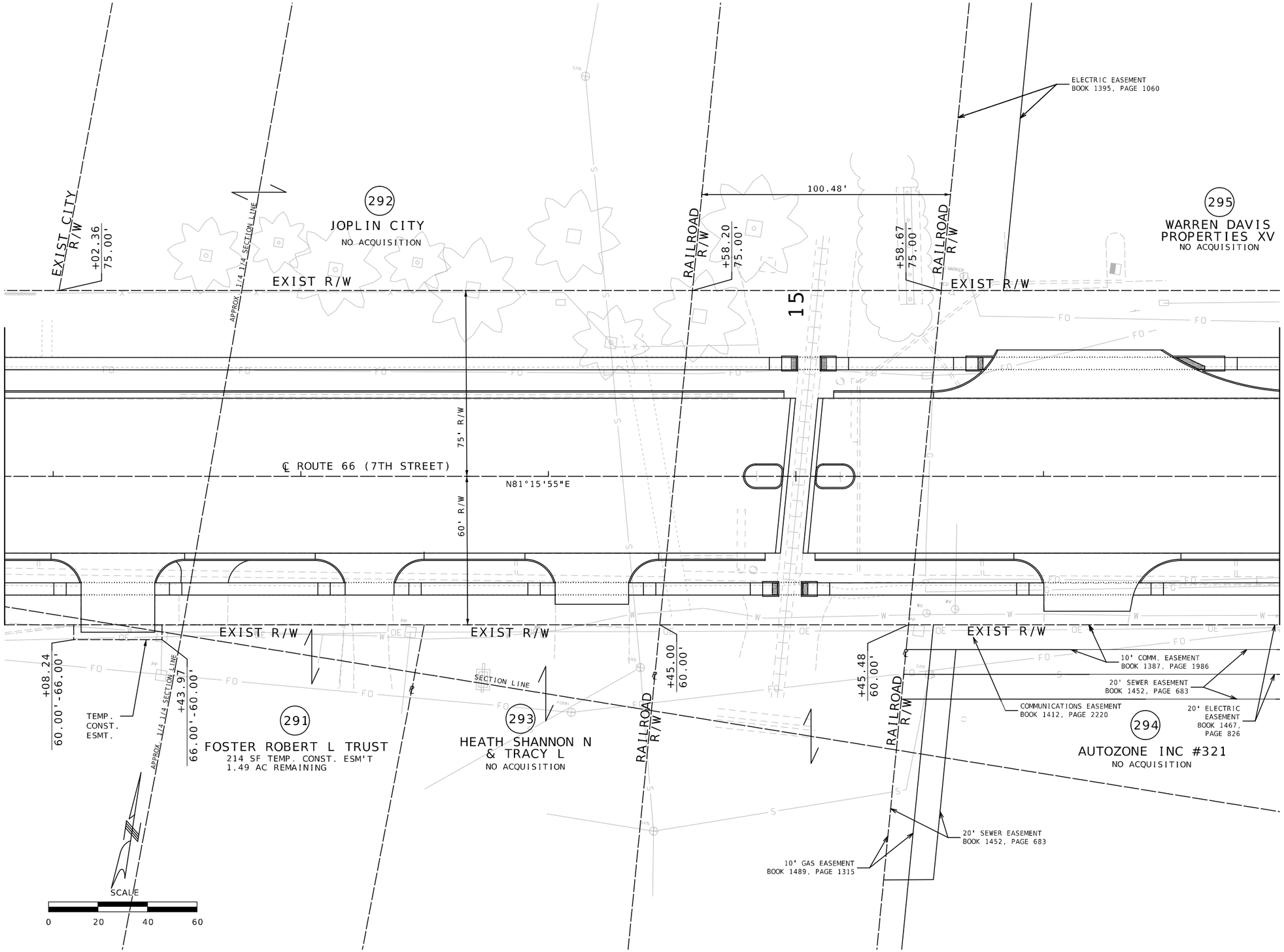
RIGHT OF WAY
SHEET 8 OF 11



RIGHT OF WAY
SHEET 9 OF 11

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/5/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	23

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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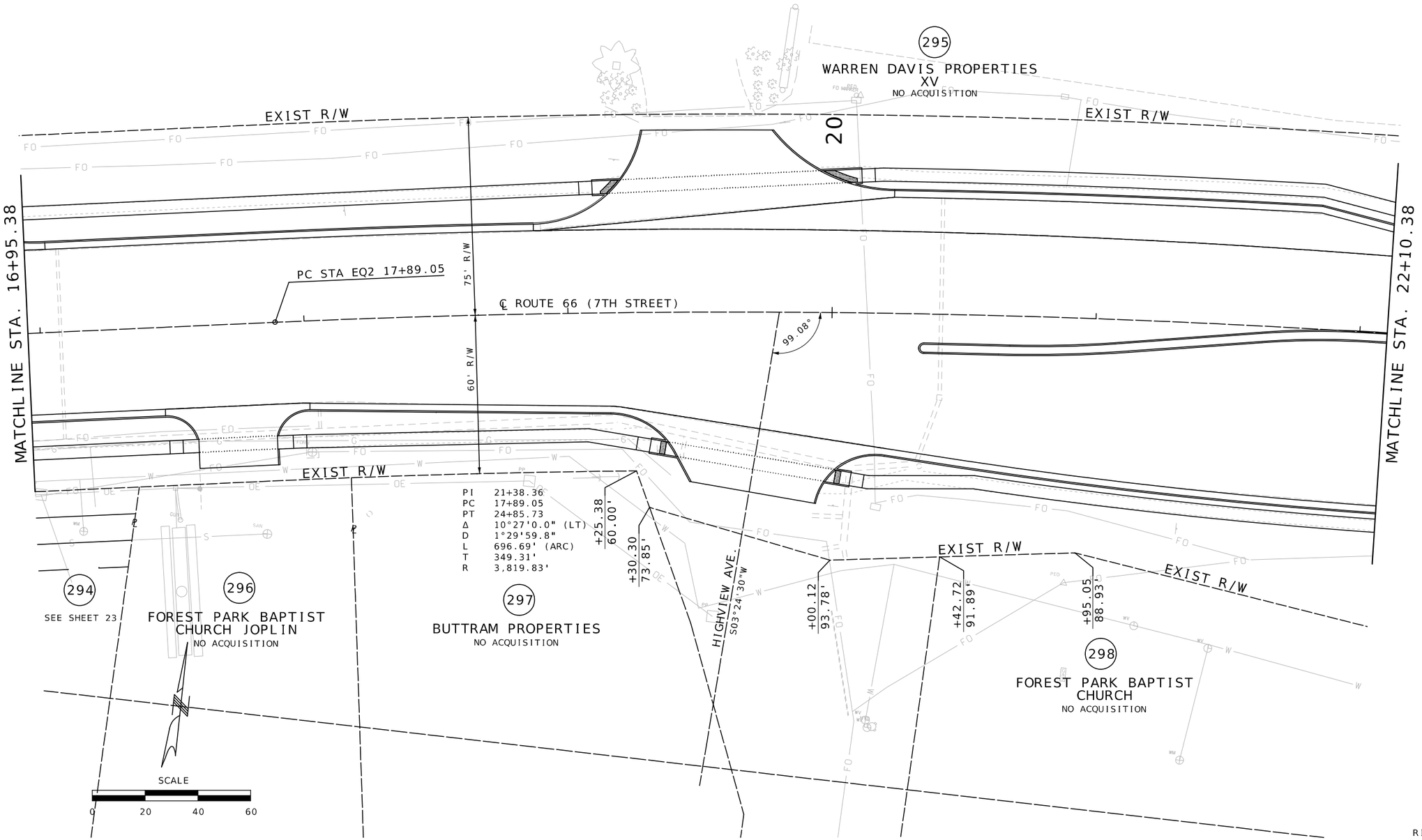

RIGHT OF WAY
SHEET 10 OF 11

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

MELISSA ANN WILBERS
NUMBER PE-2007002853
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED	8/4/2025
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	24
COUNTY	JASPER
JOB NO.	J7S2185E,G
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

295
WARREN DAVIS PROPERTIES XV
SEE SHEET 24

299
MFI INVESTORS NEVADA
NO ACQUISITION

EXIST R/W

SE 1/4 SE 1/4
S1-T27N-R33W

CERTIFIED LAND CORNER

THE TOWNSHIP CORNER COMMON TO SECTIONS 01 AND 12-T27N-R33W IS LOCATED 257.60' N39°43'47"W OF STA 24+00.00 AS SHOWN ON SURVEY FOR MODOT RECORDED IN BOOK 11, AT PAGE 19

MATCHLINE STA. 22+10.38

75' R/W

125' R/W

℄ ROUTE 66 (7TH STREET)

PT STA EQ2 24+85.73

END STA EQ2 25+71.50

S88°17'05"E

PI 21+38.36
PC 17+89.05
PT 24+85.73
Δ 10°27'0.0" (LT)
D 1°29'59.8"
L 696.69' (ARC)
T 349.31'
R 3,819.83'

25

EXIST R/W

298
FOREST PARK BAPTIST CHURCH
SEE SHEET 24

SCALE
0 20 40 60

RIGHT OF WAY
SHEET 11 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	25

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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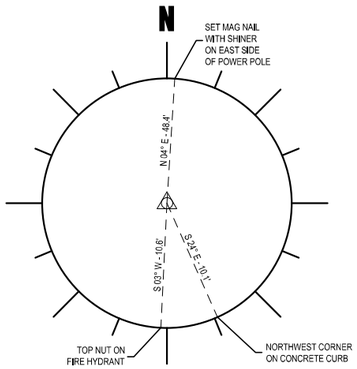
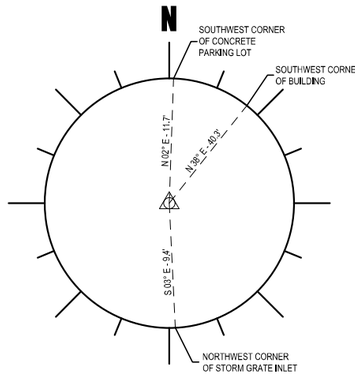
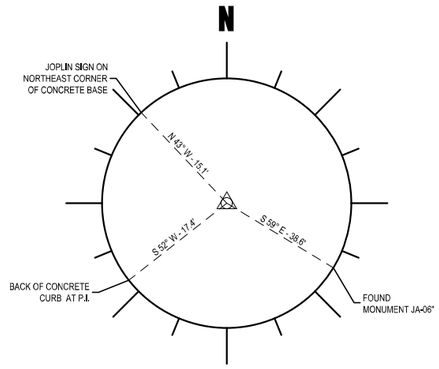


CP#5017 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1055.27
NORTHING: 333969.6672
EASTING: 2793792.1220



CP#5021- SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1055.87
NORTHING: 333993.4008
EASTING: 2791133.0582



CP#5038 - SET 1/2" REBAR AND ALUMINUM CONTROL
POINT CAP IN CONCRETE
ELEVATION = 1058.35
NORTHING: 333950.6196
EASTING: 2795497.7655

REFERENCE POINT SHEET
SHEET 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	26

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 05101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	STATE PLANE, MISSOURI CENTRAL
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD 1988
GEOID MODEL	JASPER COUNTY
ELEVATIONS DETERMINED BY	GPS OBSERVATIONS
PROJECT PROJECTION FACTOR	1.00010426

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	NAD 1983
CONTROL STATION	JS 008
DESIGNATION	JS 008
CORS_ID	
PID	HE1217
LATITUDE	37°05'05.64185"
LONGITUDE	94°33'21.85305"
NORTHING (M)	101892.4830
EASTING (M)	845014.9370
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99989575

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #___
N _____.____ X _.________ = N _____.___
E _____.____ X _.________ = E _____.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
EG-P&P SH 8	7+31.46	RTE 66	58.62 LT	333,969.6672	2,793,792.1220	1,055.27	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5017
EG-P&P SH 2	59+11.54	RTE 66	66.97 LT	333,993.4008	2,791,133.0582	1,055.87	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5021
EG-P&P SH 11	24+49.39	RTE 66	140.84 RT	333,950.6196	2,795,497.7655	1,058.35	SET 1/2" REBAR AND ALUM. CTL. PT. CAP IN CONC.	GPS #5038
ALIGNMENTS								
ROUTE 66								
	39+12.38		0.00	333,948.7388	2,789,133.5202	0.00	P.I.	
	52+16.40		0.00	333,931.6490	2,790,437.4336	0.00	P.I.	
	78+42.89		0.00	333,911.9219	2,793,063.8505	0.00	EQUATION STA BK., P.T.	
	0+00.77		0.00	333,911.9219	2,793,063.8505	0.00	EQUATION STA AHD., P.T.	
	5+51.17		0.00	333,908.1420	2,793,614.2375	0.00	P.C.	
	8+56.10		12.15 LT	333,906.0478	2,793,919.1566	0.00	P.I.	
	11+59.73		0.00	333,952.3537	2,794,220.5465	0.00	P.T.	
	17+89.05		0.00	334,047.9211	2,794,842.5636	0.00	P.C.	
	21+38.36		15.94 RT	334,100.9673	2,795,187.8246	0.00	P.I.	
	24+85.74		0.00	334,090.5112	2,795,536.9804	0.00	P.T.	
	25+71.50		0.00	334,087.9439	2,795,622.7086	0.00	END ℄ STA.	

COORDINATE POINT SHEET
SHEET 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 8/4/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 27
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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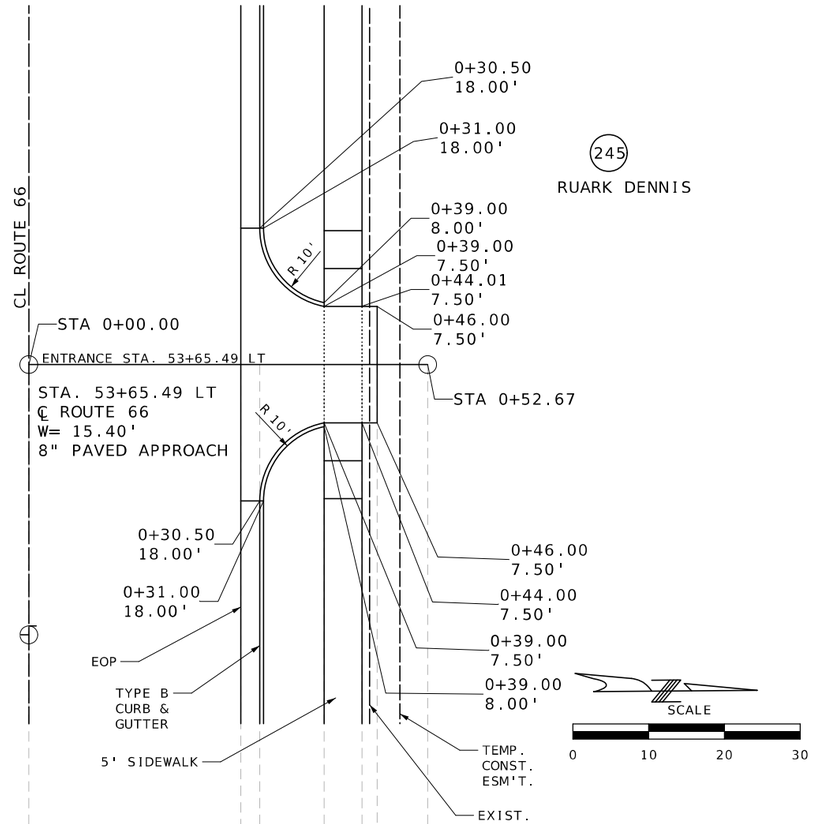

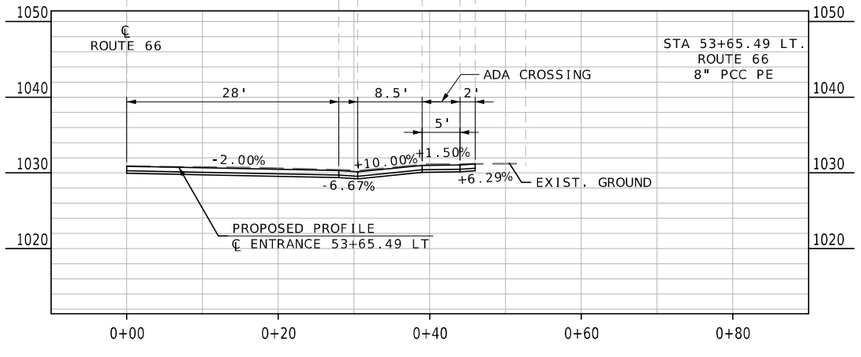

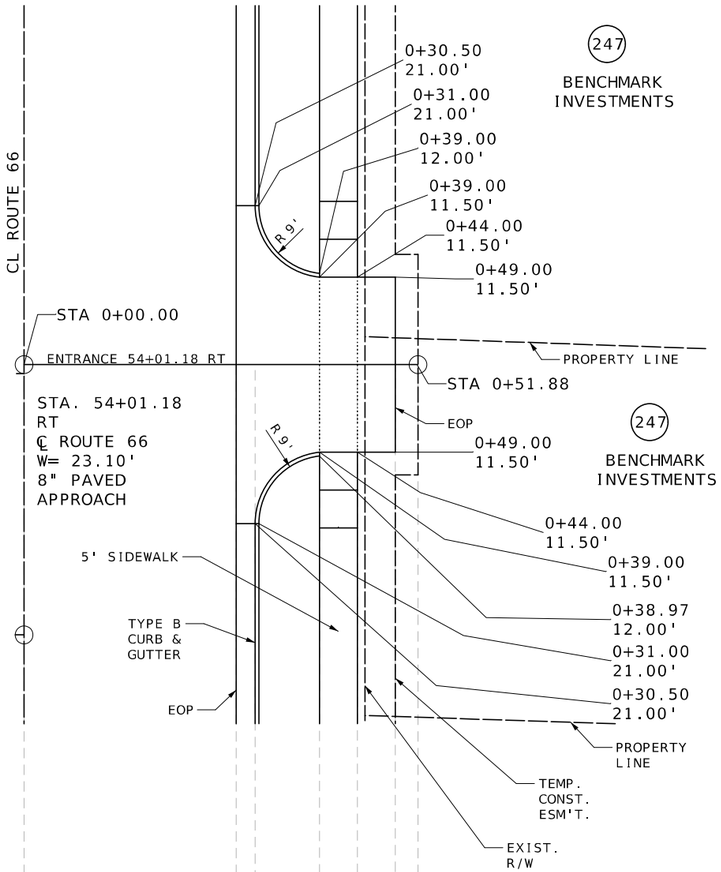

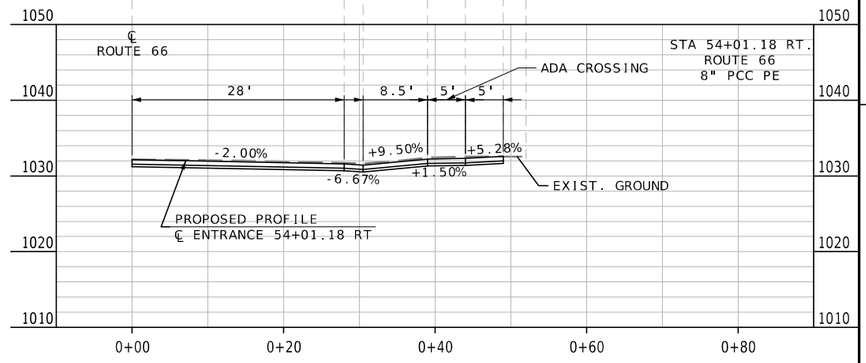

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STATE OF MISSOURI
MELISSA ANN WILBERS
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PROFESSIONAL ENGINEER

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DATE	DESCRIPTION

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	28

COUNTY: JASPER

JOB NO.: J7S2185E,G

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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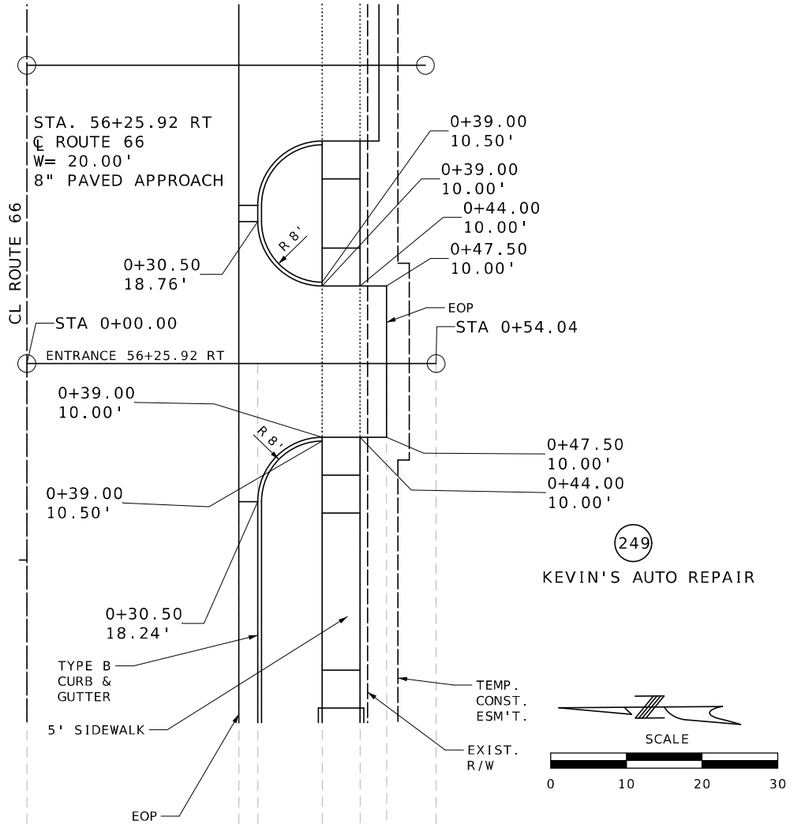
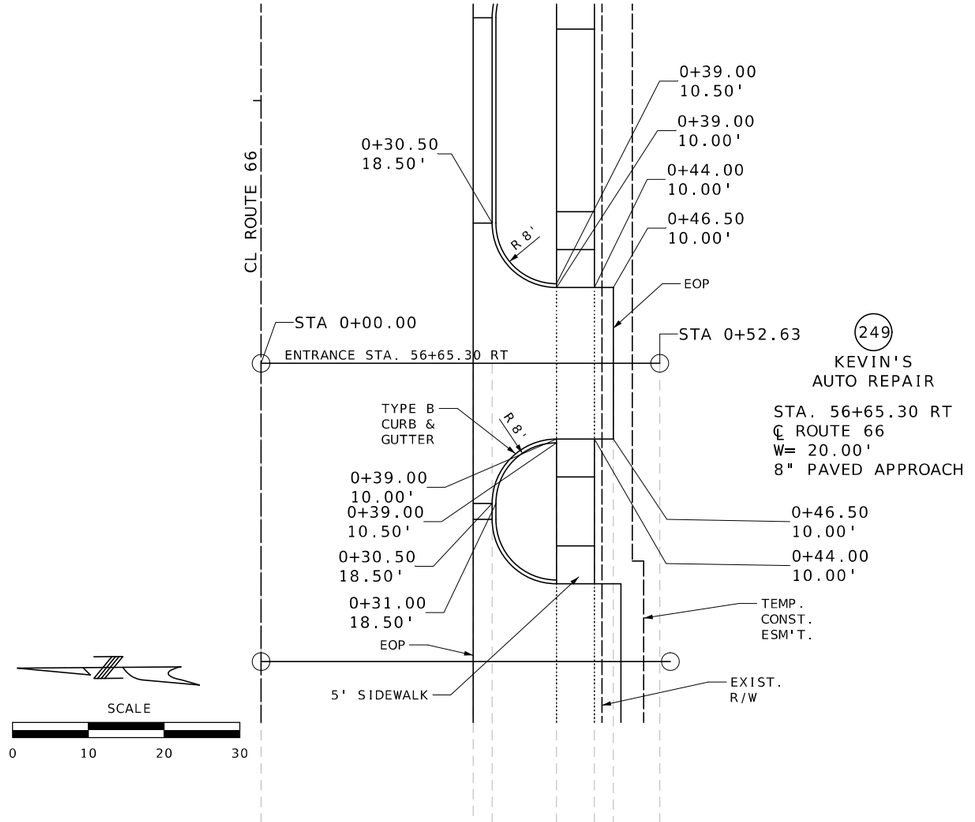
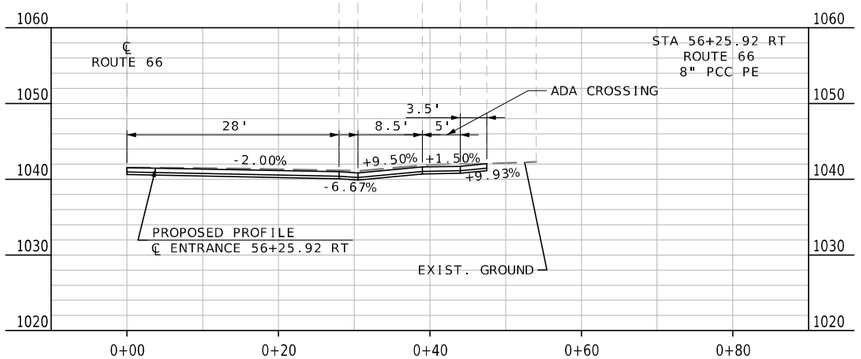
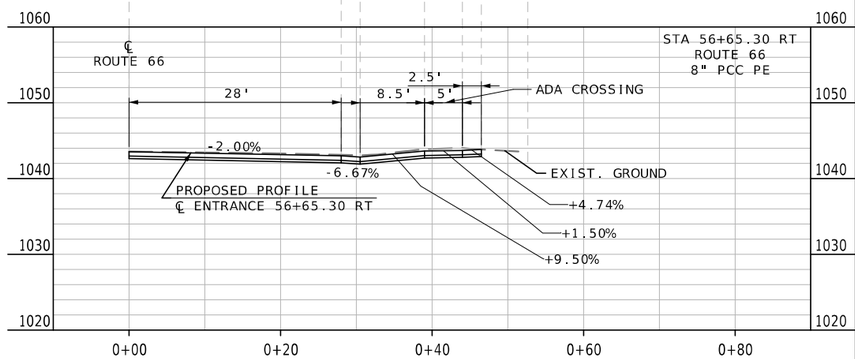
SPECIAL SHEET
ENTRANCES
SHEET 1 OF 26









SPECIAL SHEET
ENTRANCES
SHEET 2 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	29

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

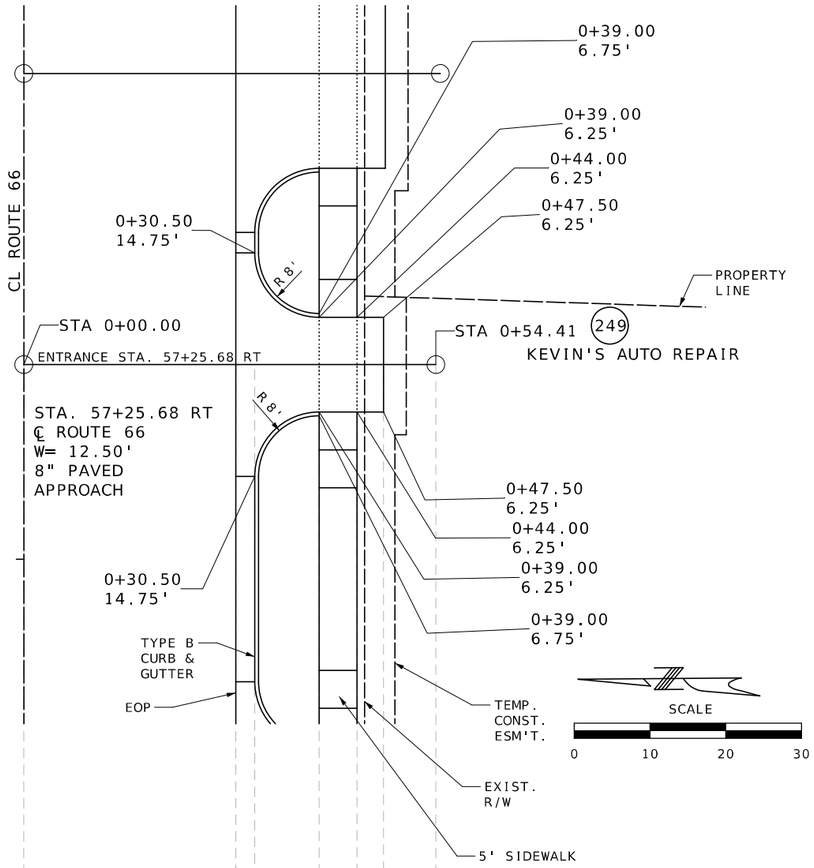
BRIDGE NO.

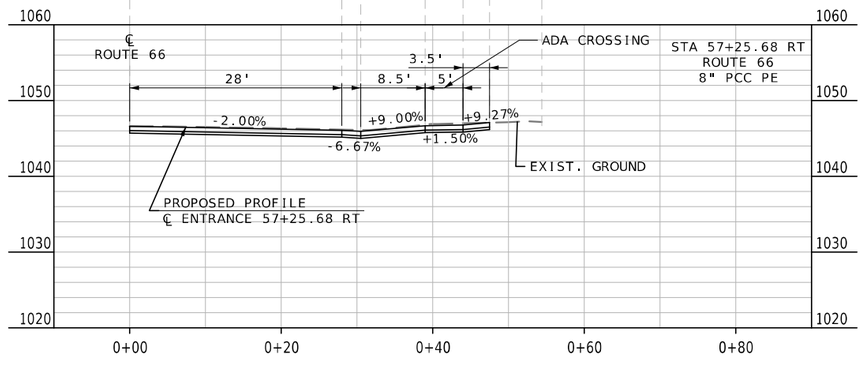
DESCRIPTION	DATE

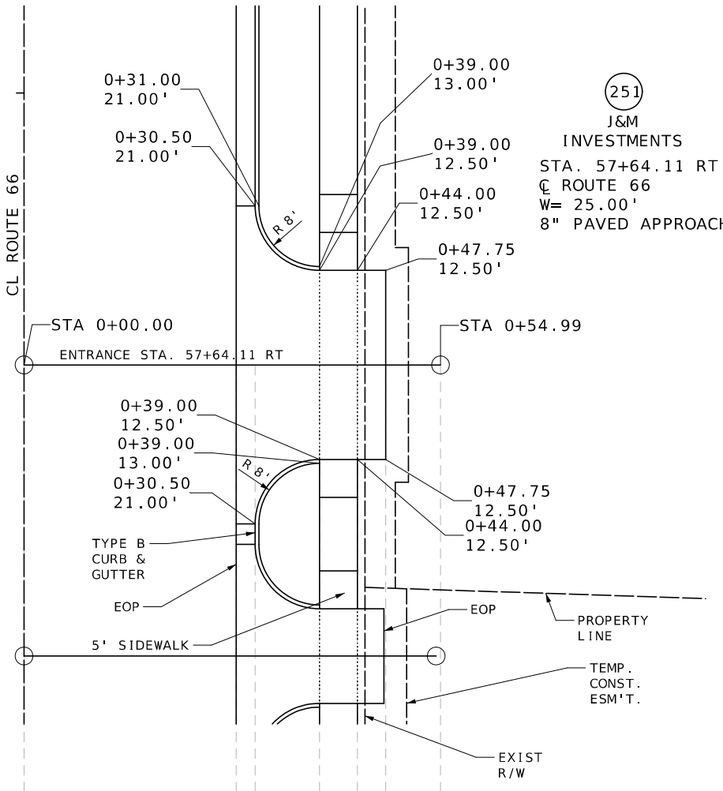
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

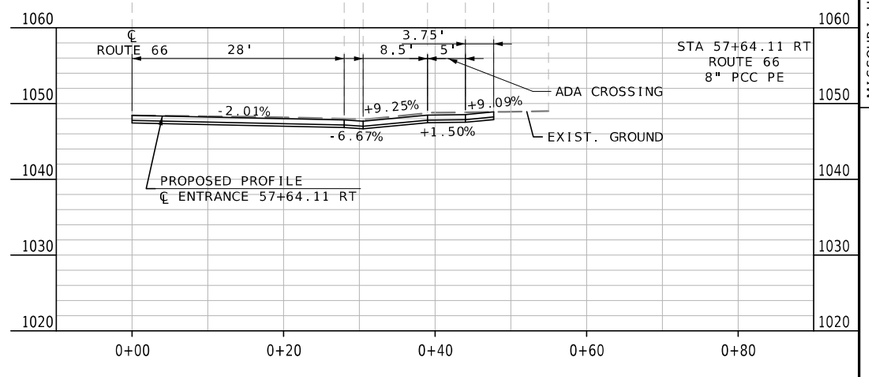
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 3 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	30

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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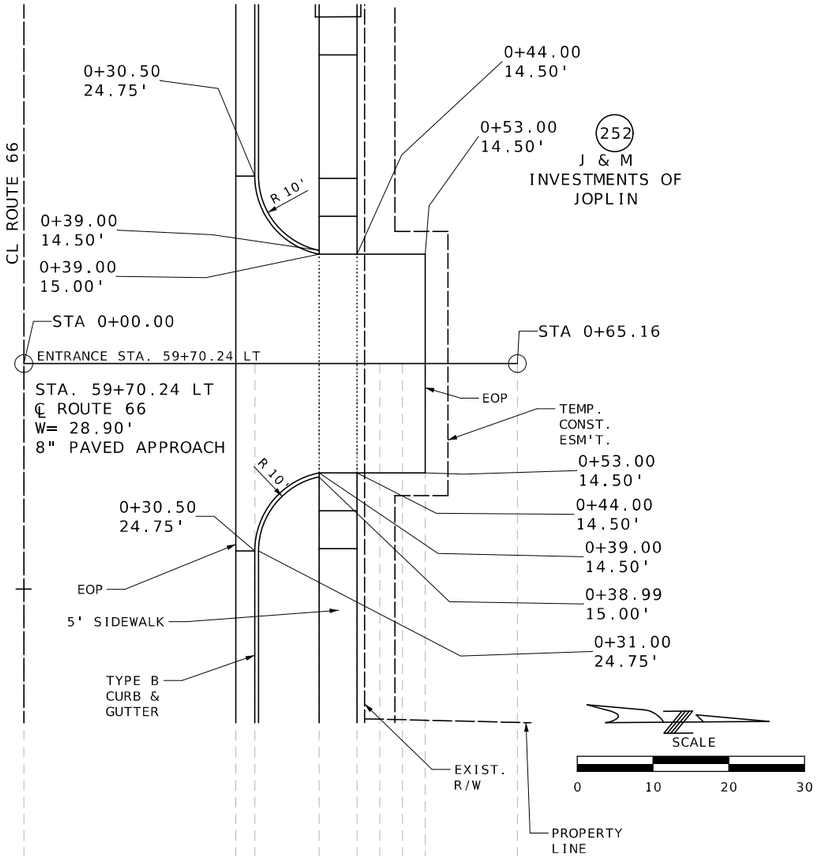

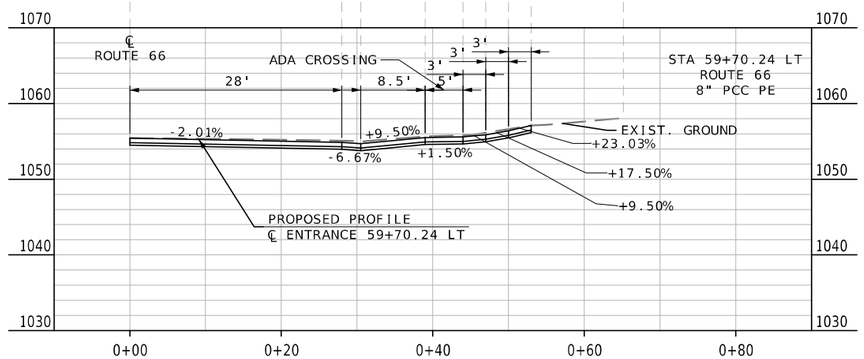

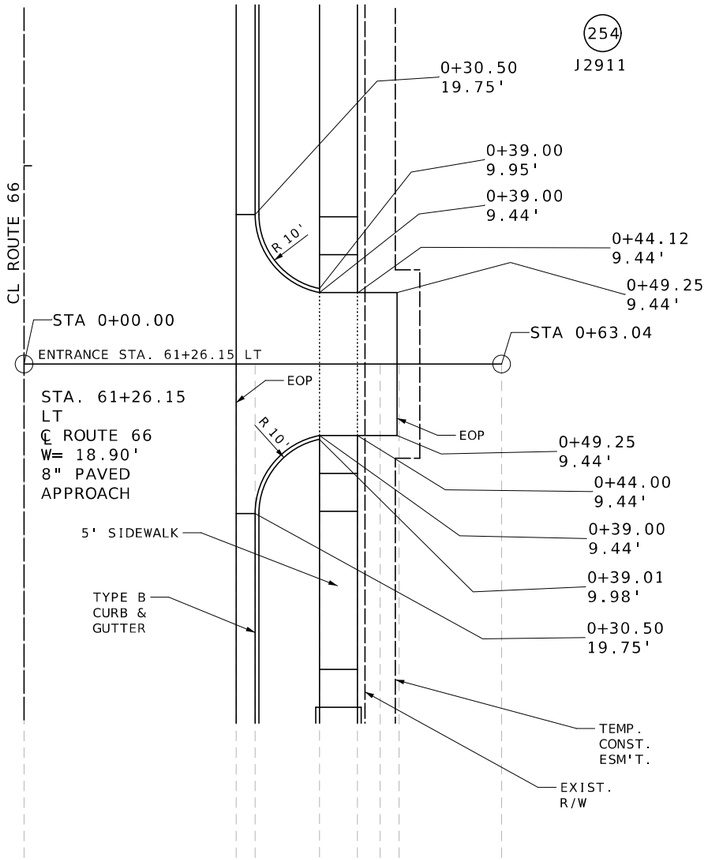

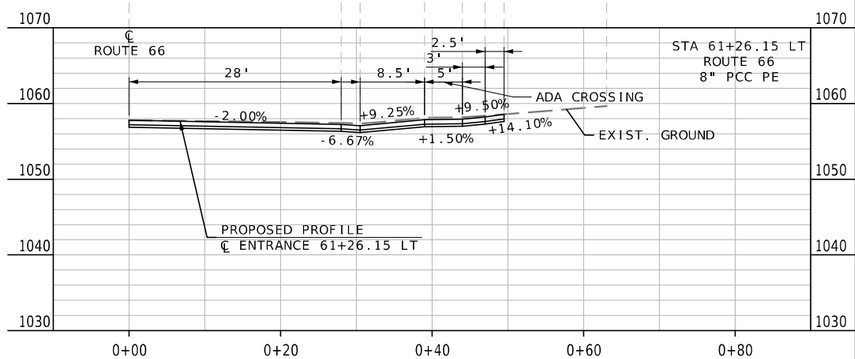

SPECIAL SHEET
ENTRANCES
SHEET 4 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
8/4/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	31
COUNTY	
JASPER	
JOB NO.	
J7S2185E,G	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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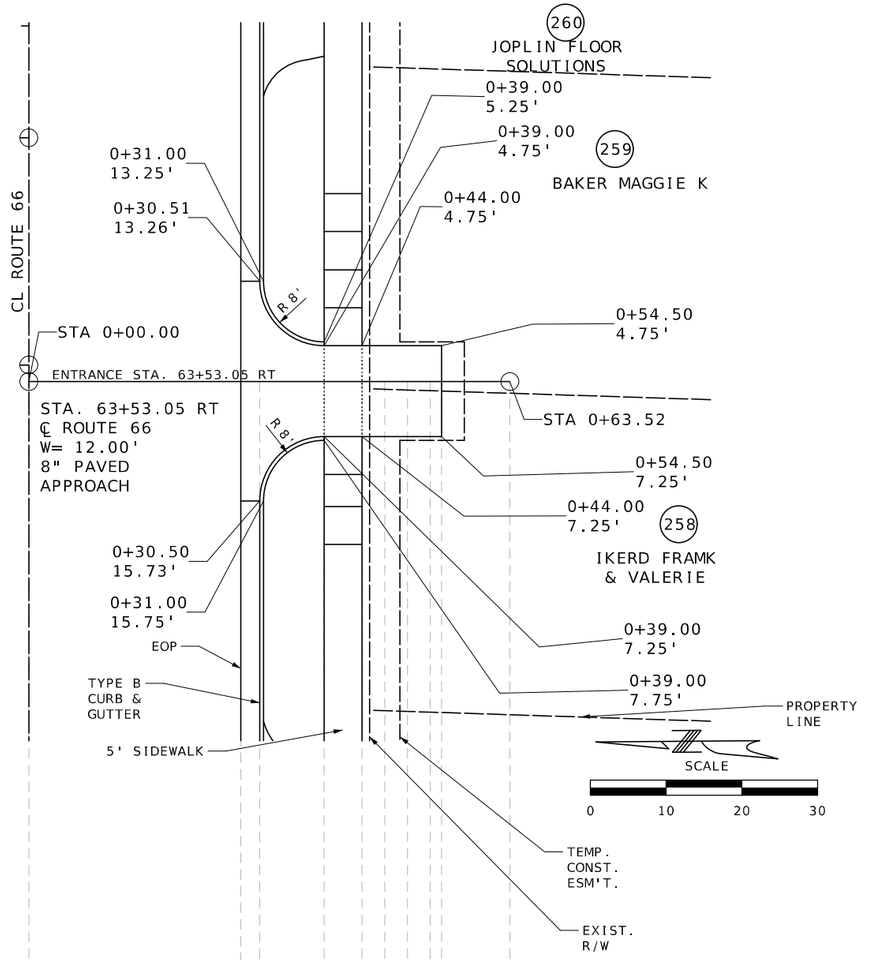

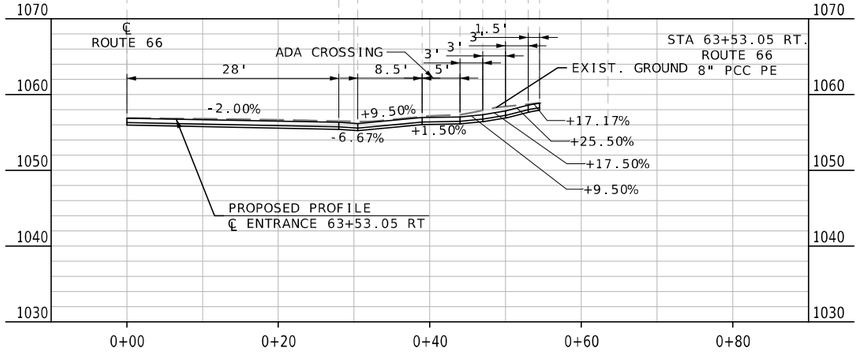

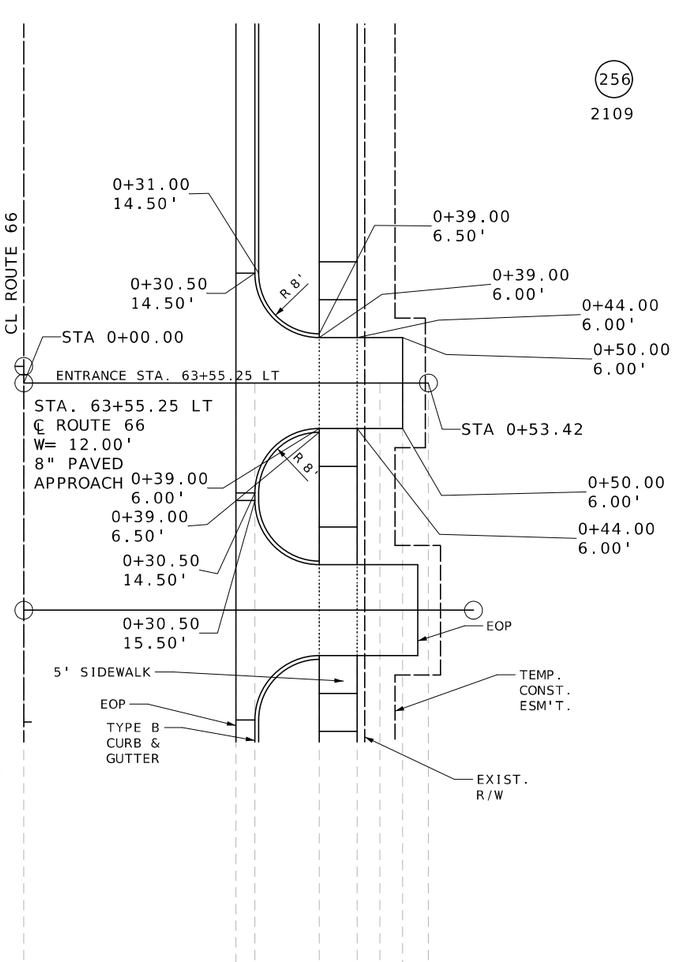

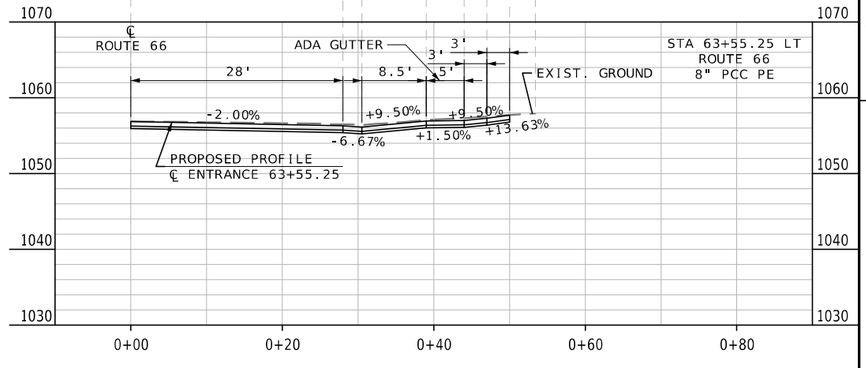

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STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED	
8/4/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	32
COUNTY	
JASPER	
JOB NO.	
J7S2185E,G	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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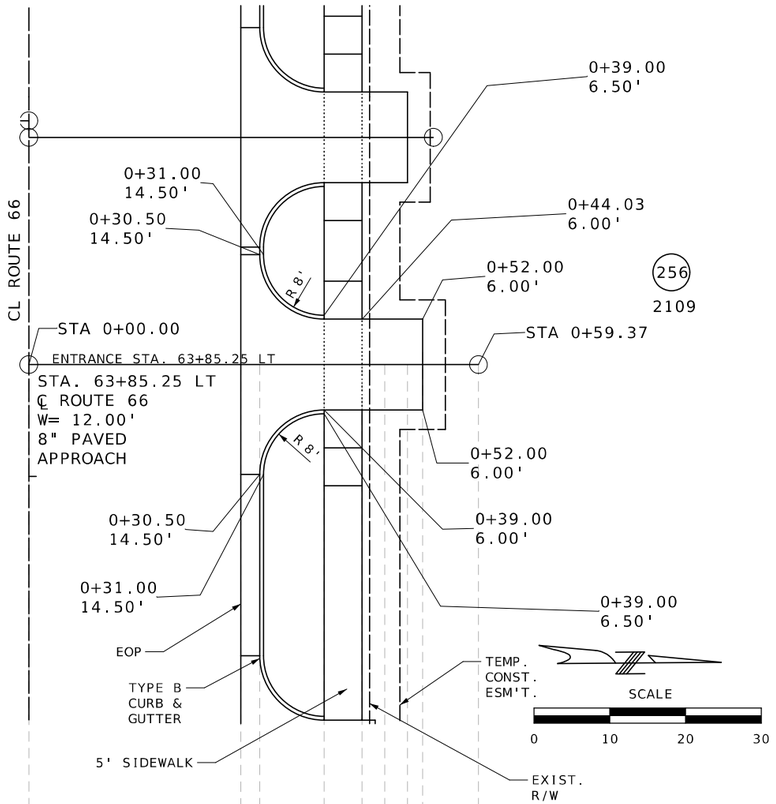
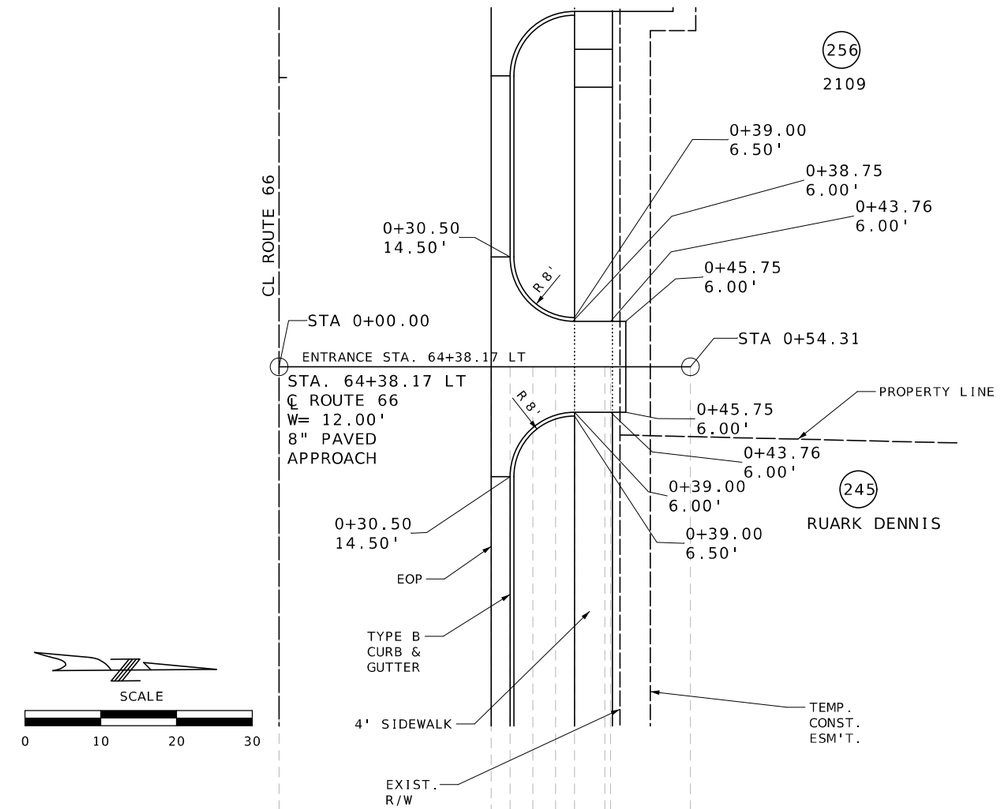
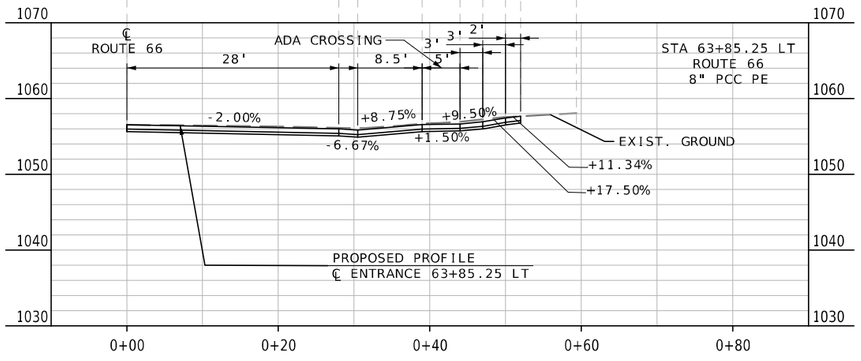
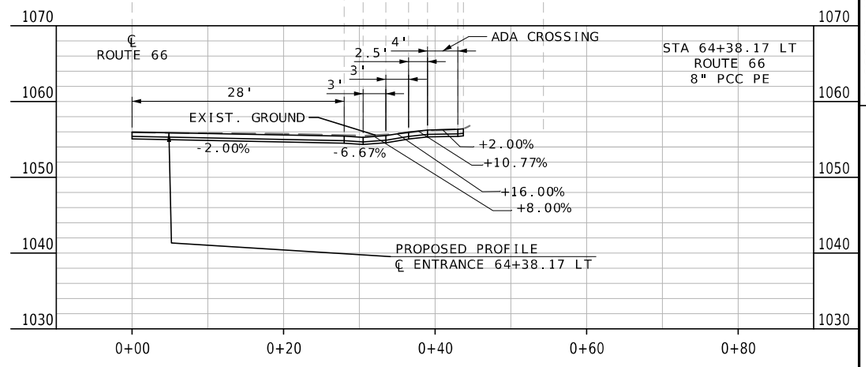
SPECIAL SHEET
ENTRANCES
SHEET 5 OF 26









SPECIAL SHEET
ENTRANCES
SHEET 6 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	33

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Bartlett & West

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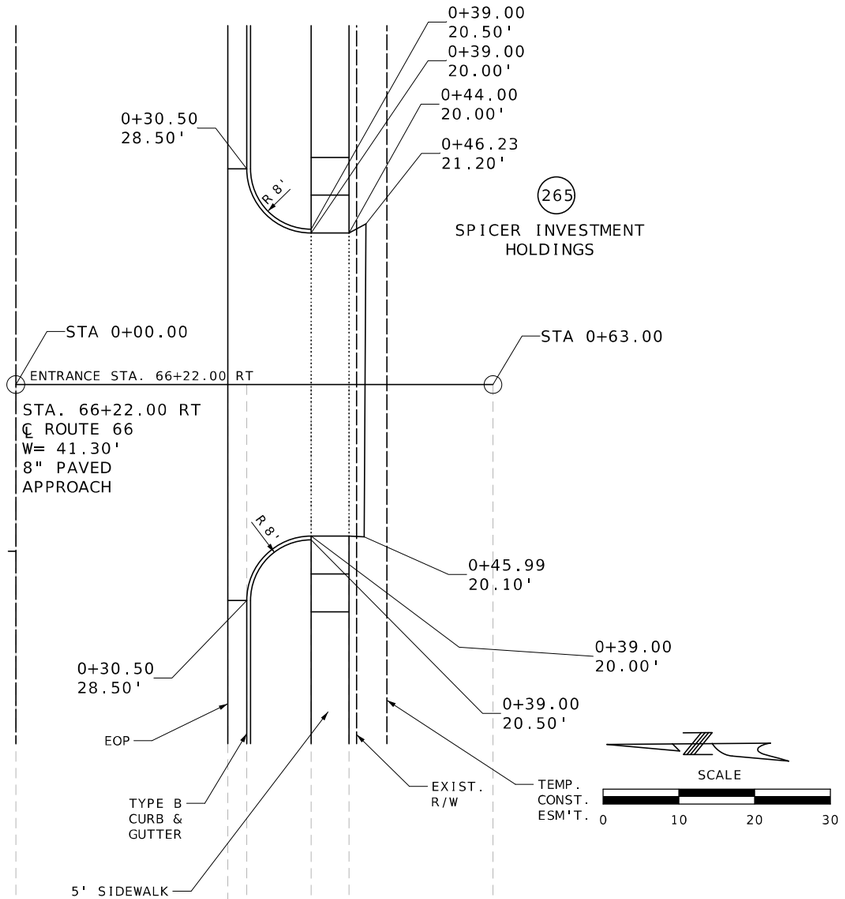

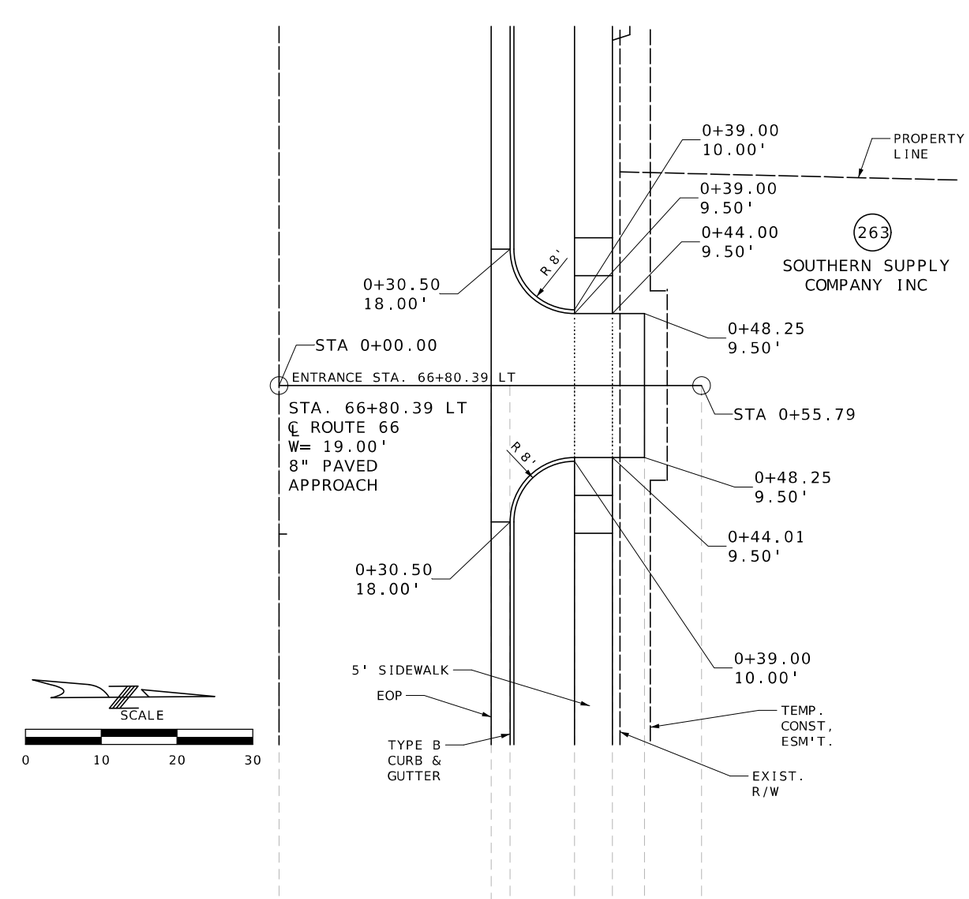

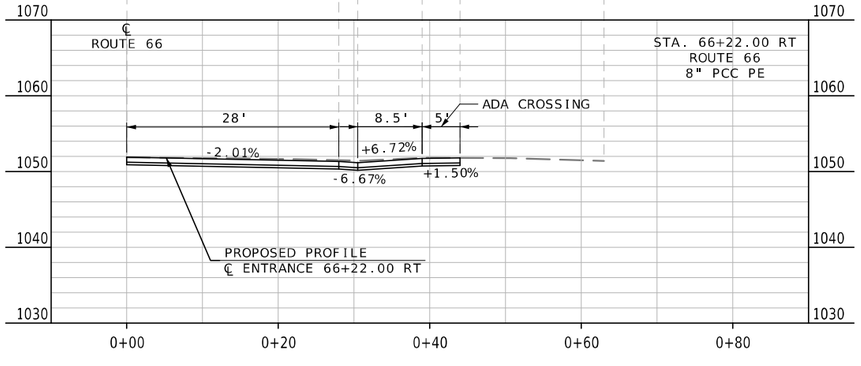

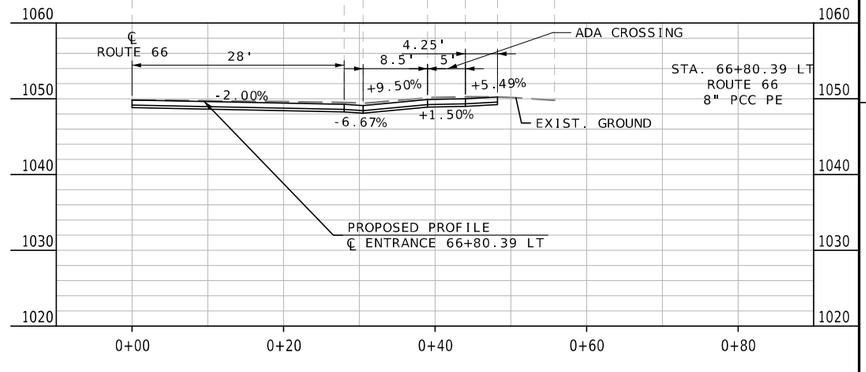

SPECIAL SHEET
ENTRANCES
SHEET 7 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	34

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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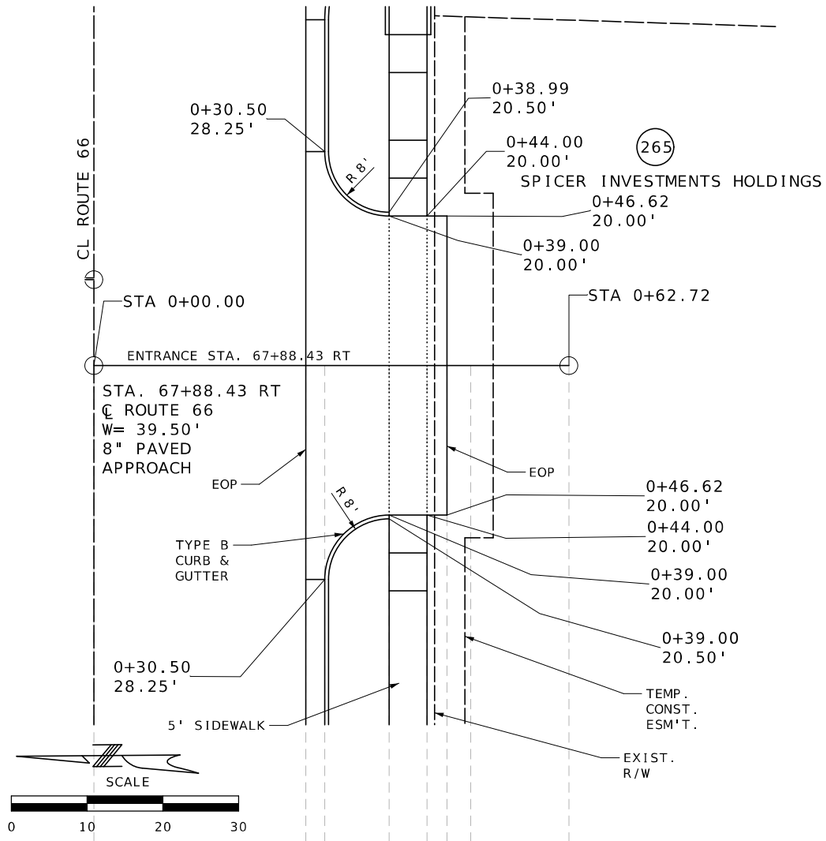

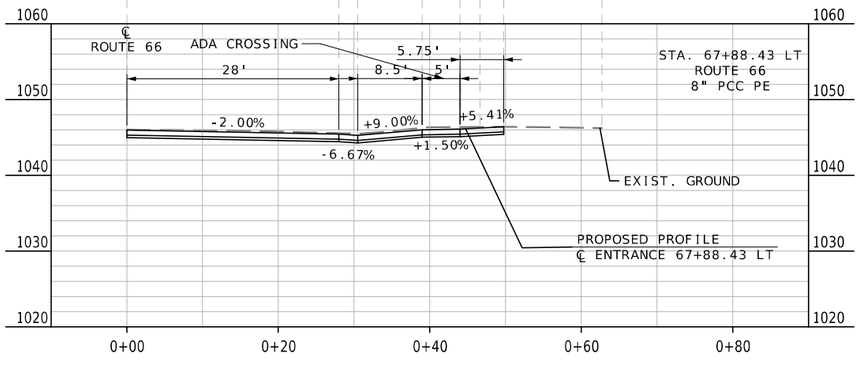

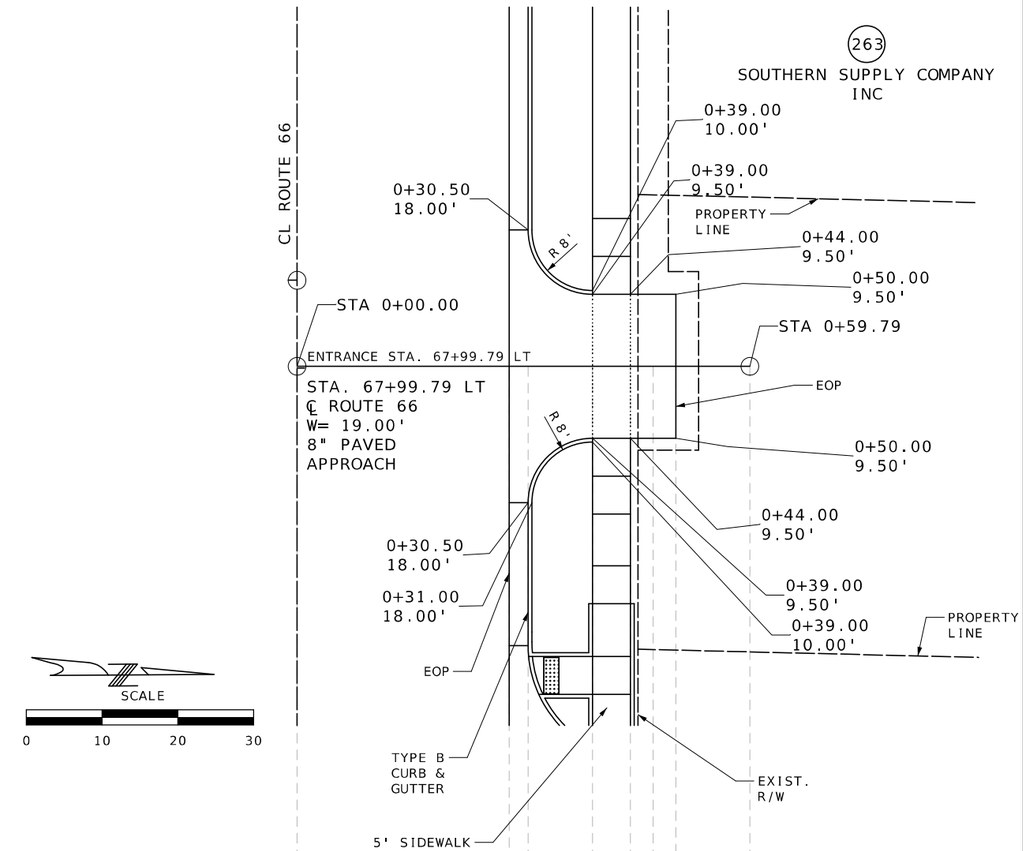

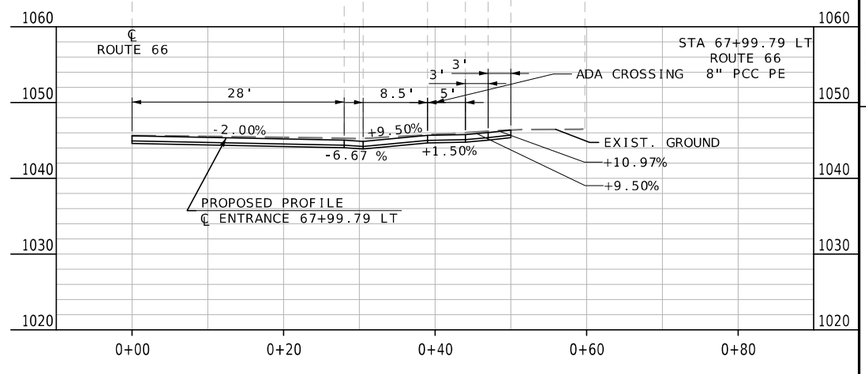

SPECIAL SHEET
ENTRANCES
SHEET 8 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	35

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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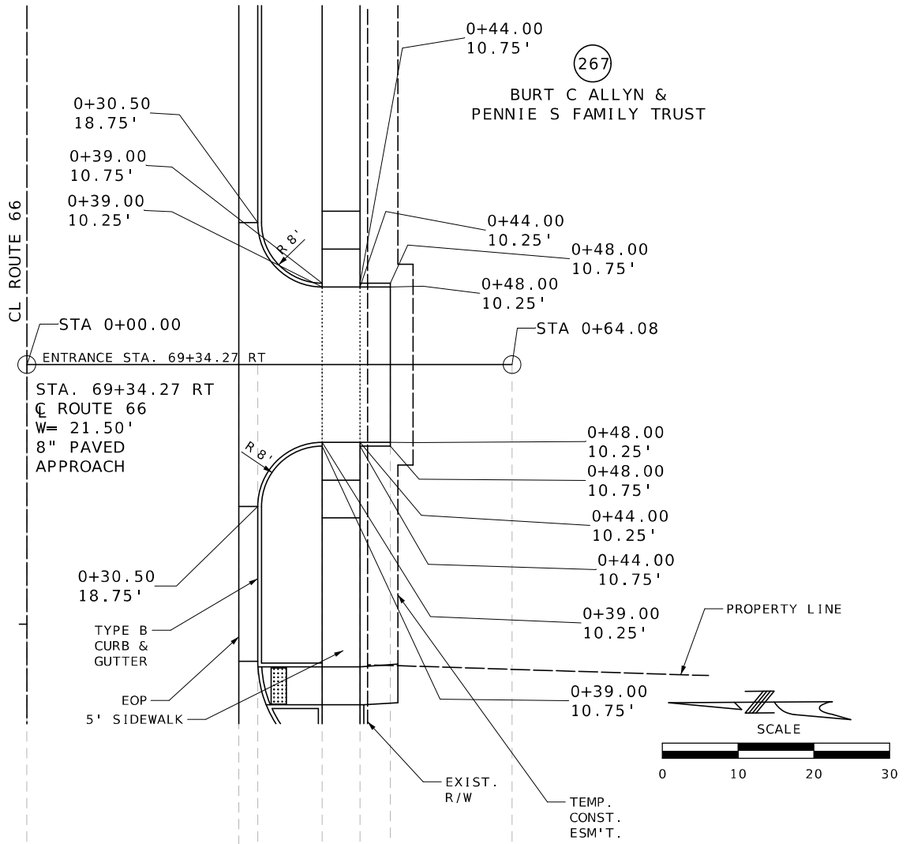

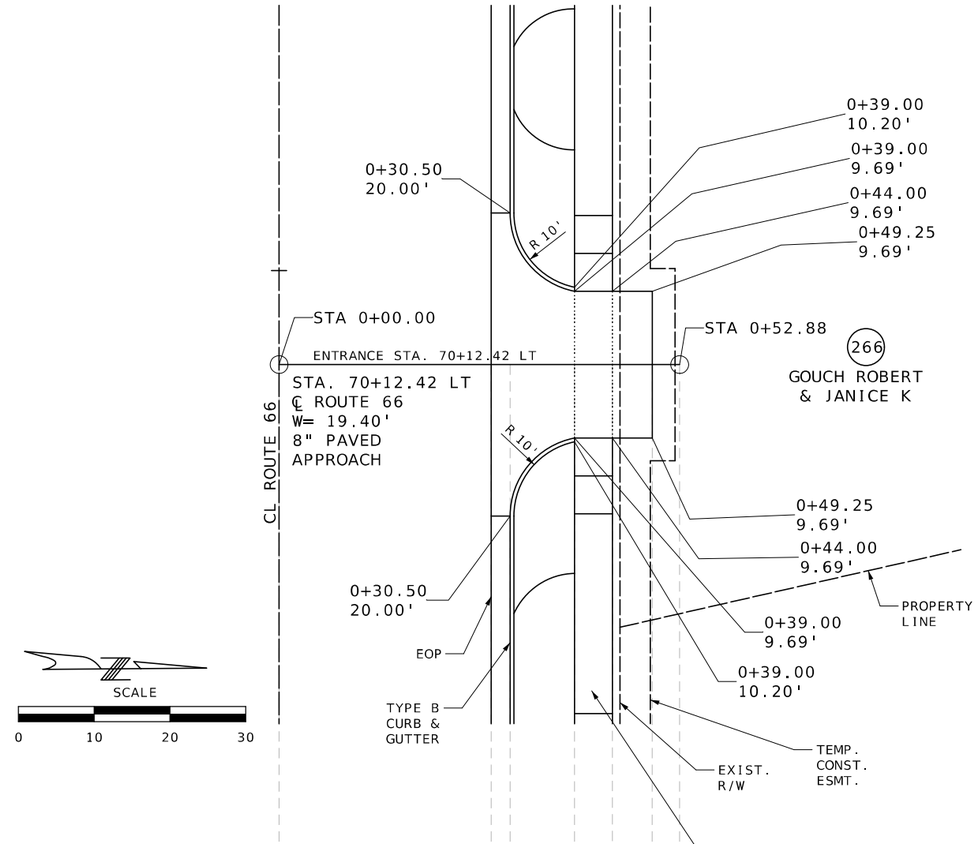

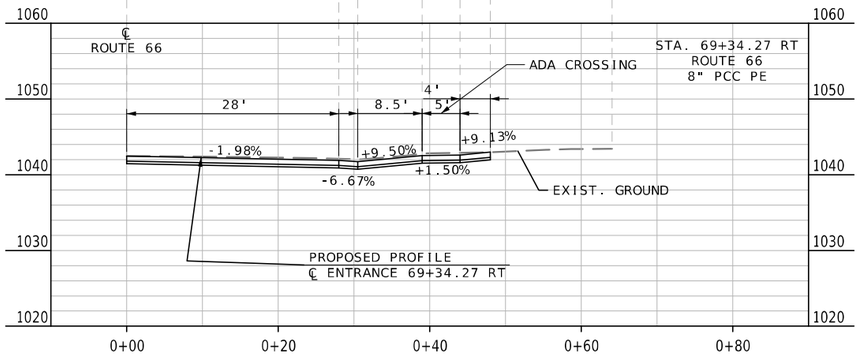

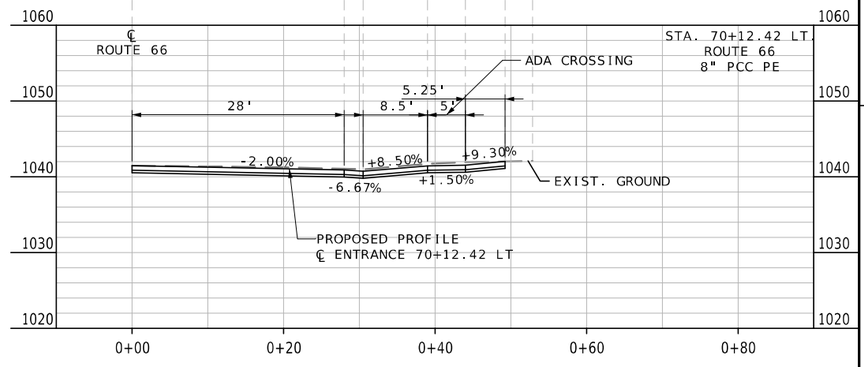

SPECIAL SHEET
ENTRANCES
SHEET 9 OF 26

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	36

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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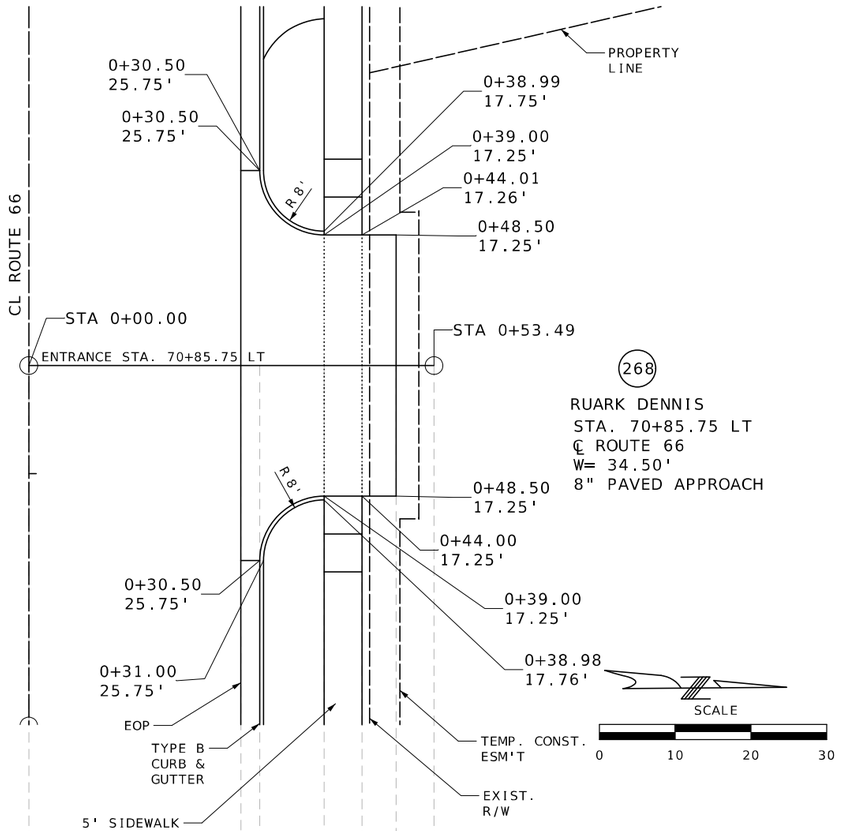

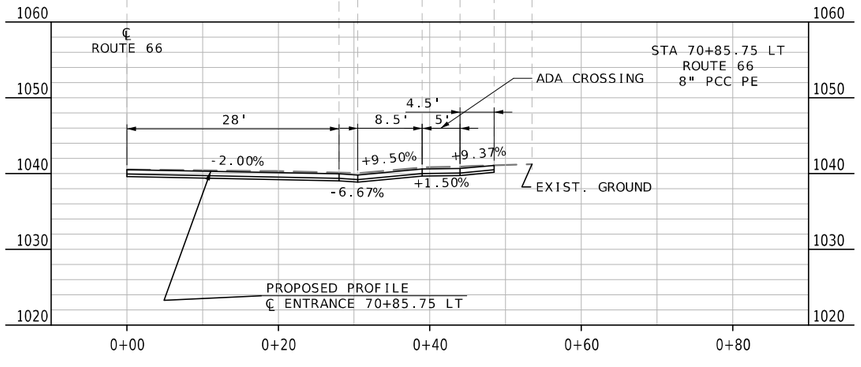

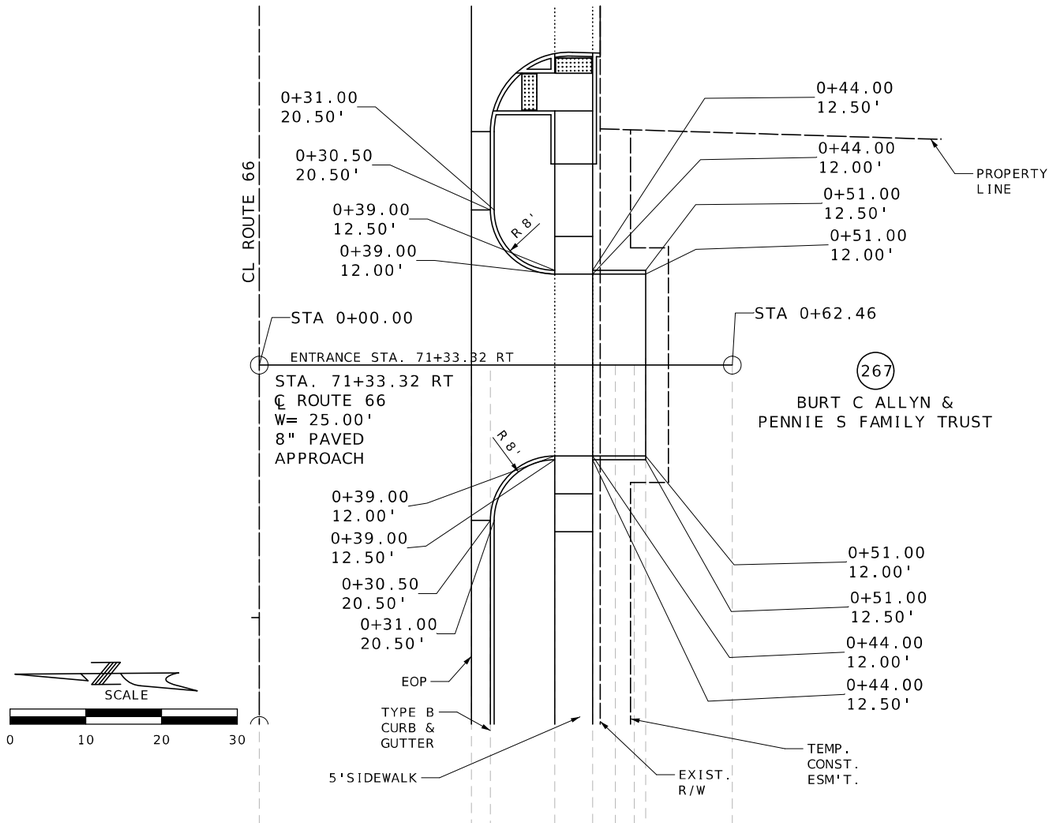

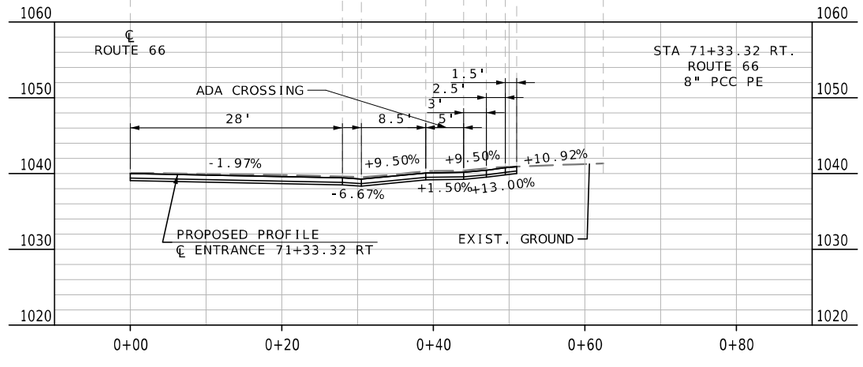

SPECIAL SHEET
ENTRANCES
SHEET 10 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	37

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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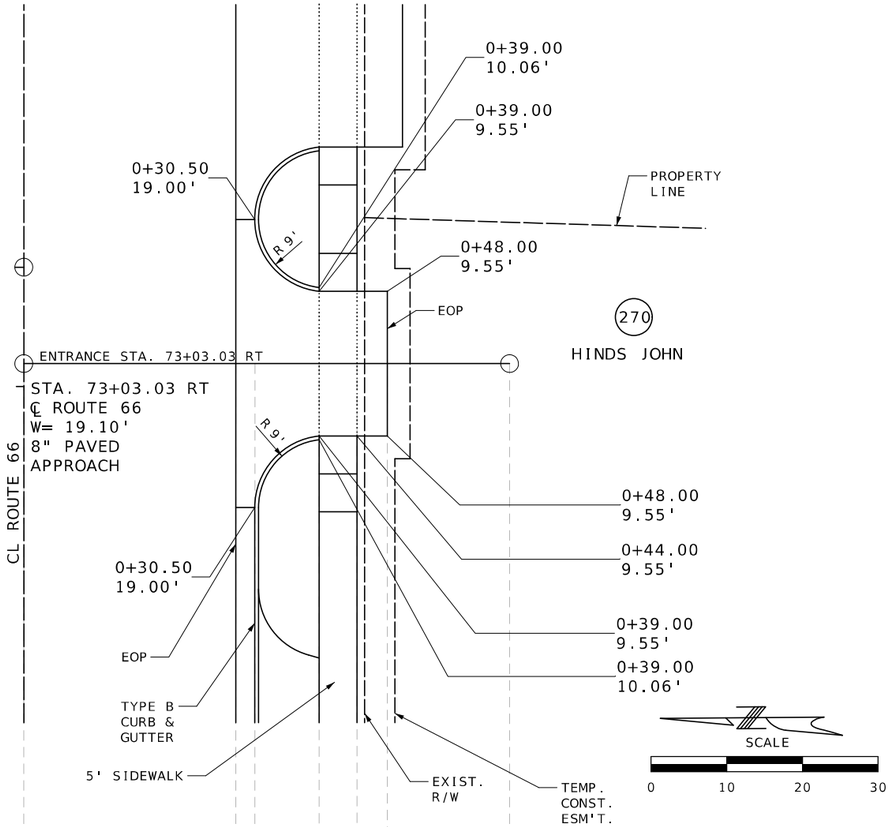
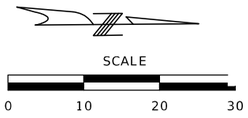
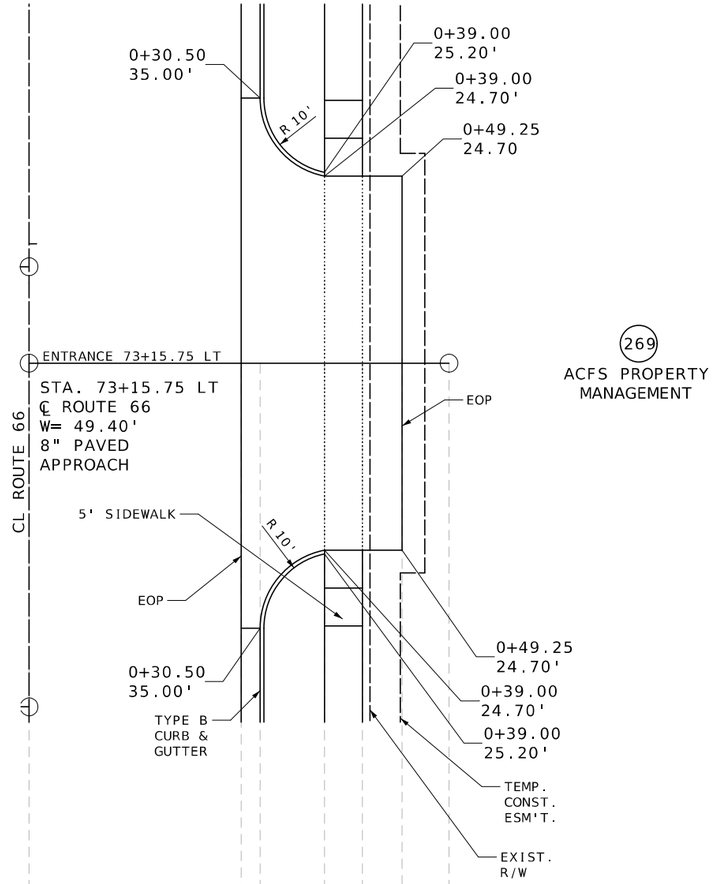


270

HINDS JOHN





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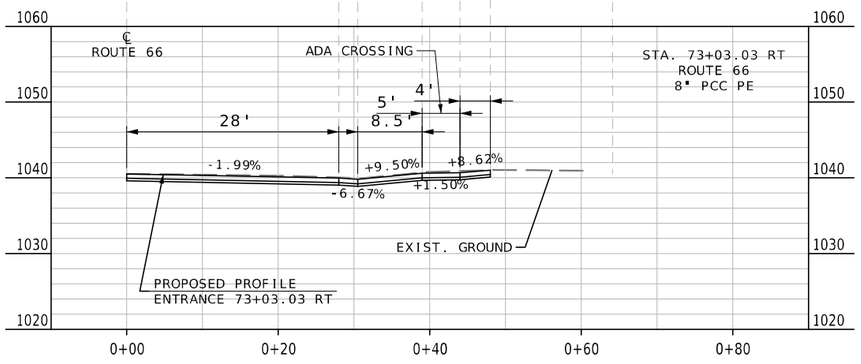
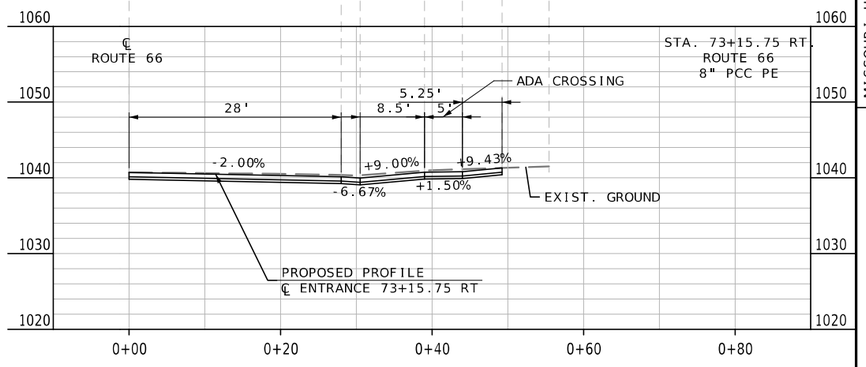
ACFS PROPERTY
MANAGEMENT





SPECIAL SHEET
ENTRANCES
SHEET 11 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

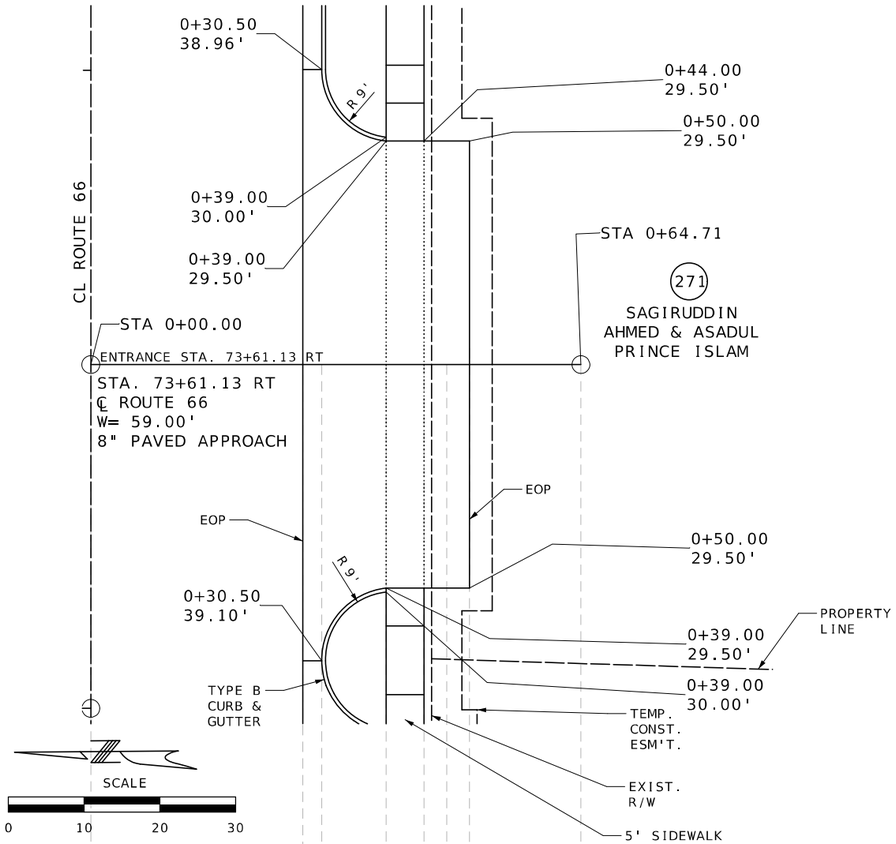
DATE PREPARED	8/4/2025
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	38
COUNTY	JASPER
JOB NO.	J7S2185E,G
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

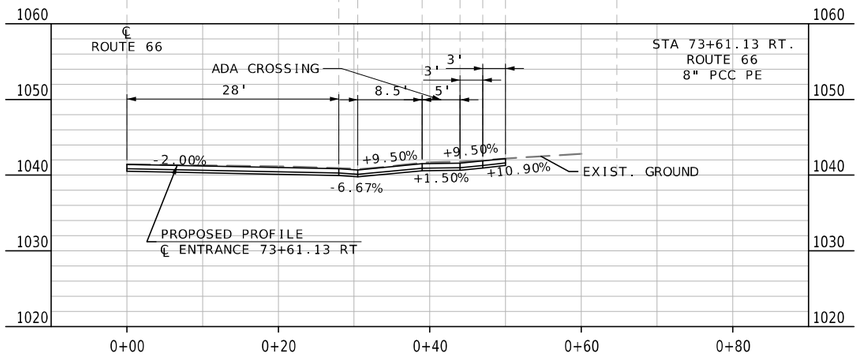
DESCRIPTION	DATE

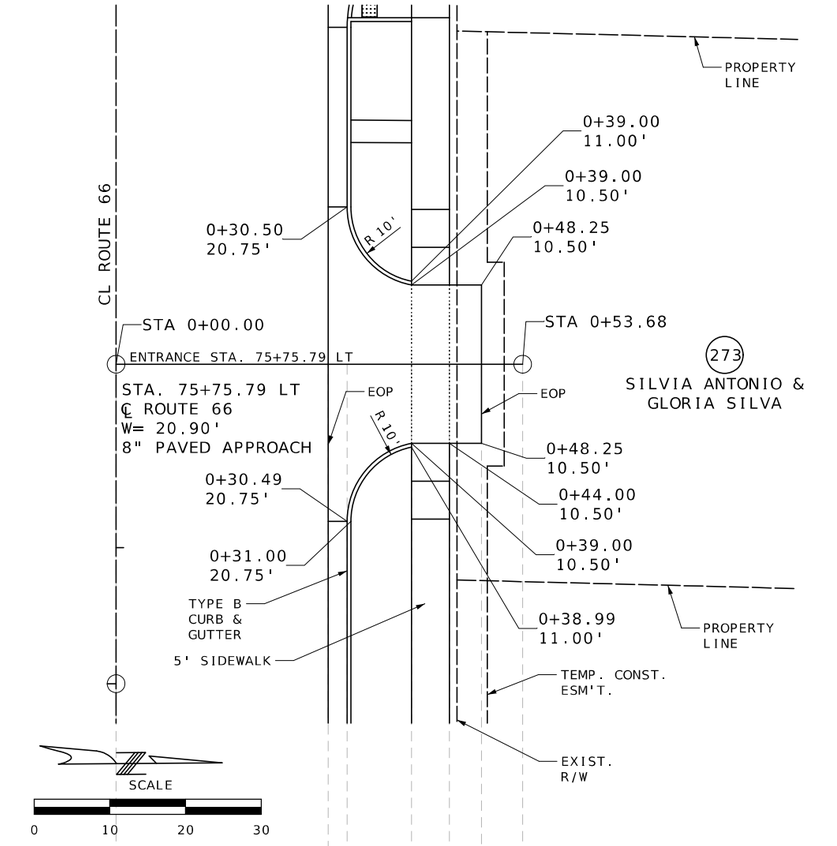
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

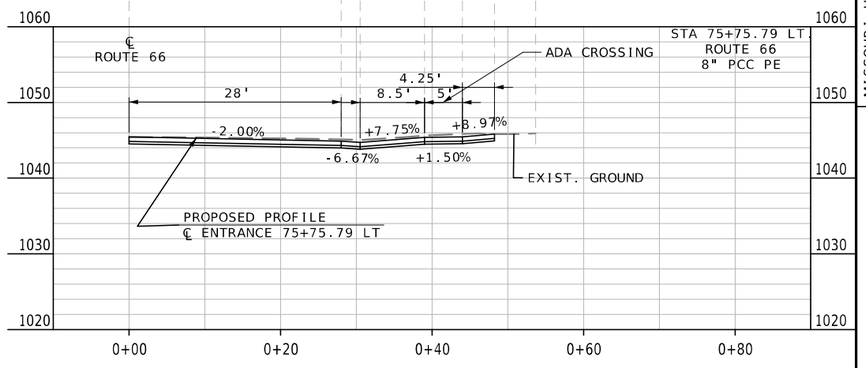
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 12 OF 26

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	39

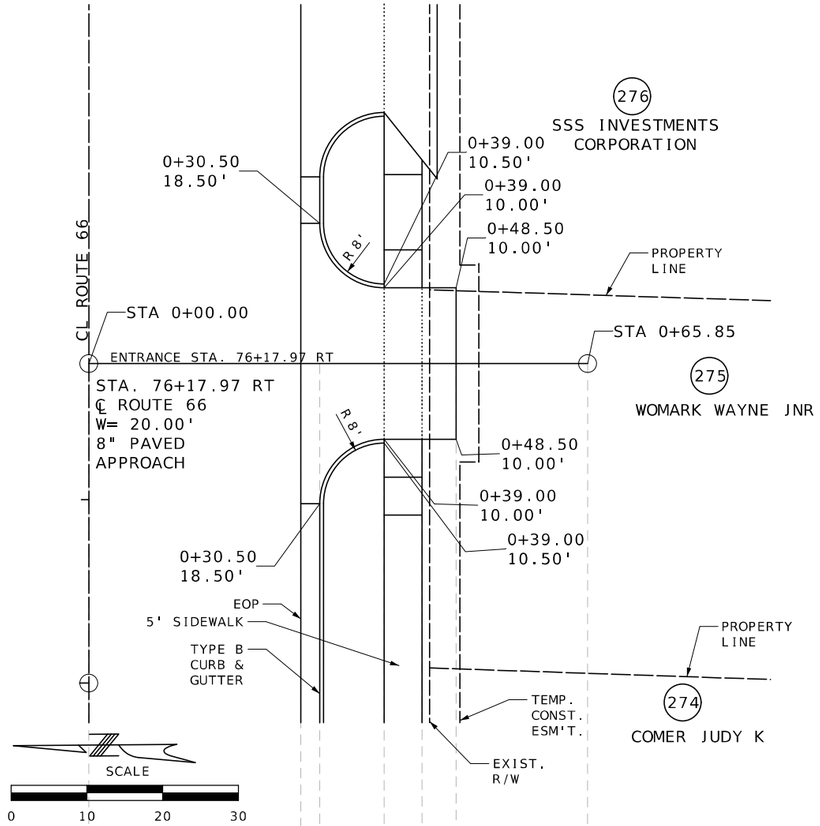
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

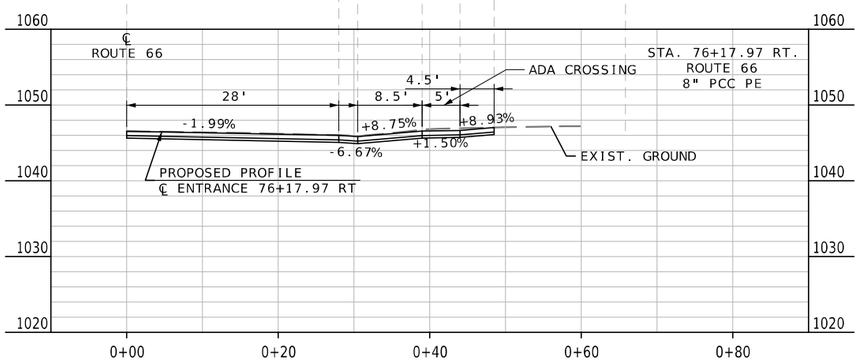
DESCRIPTION	DATE

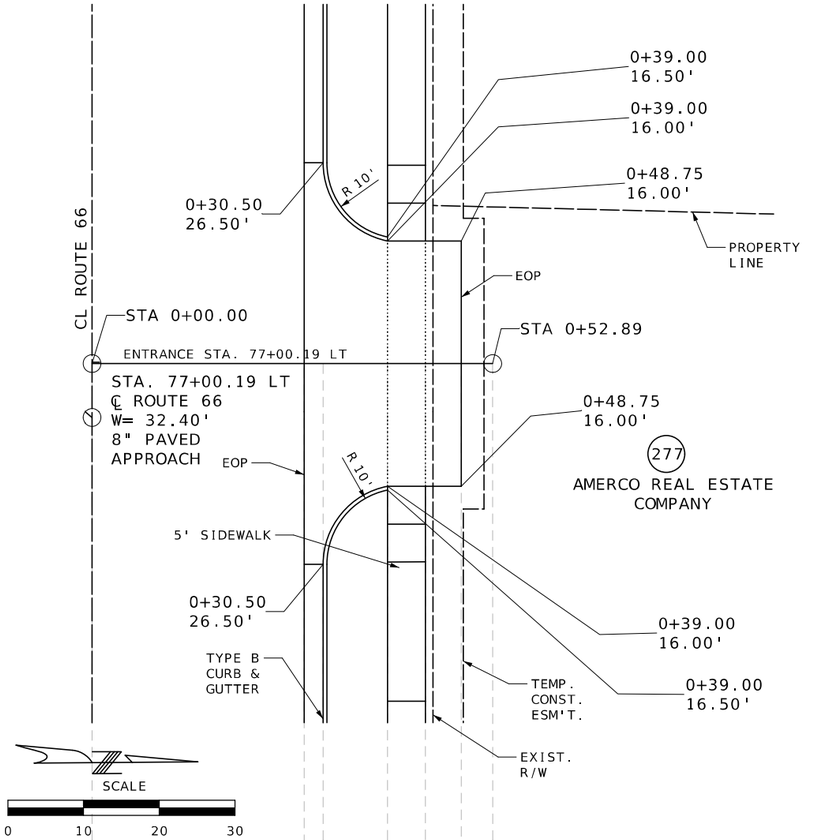
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

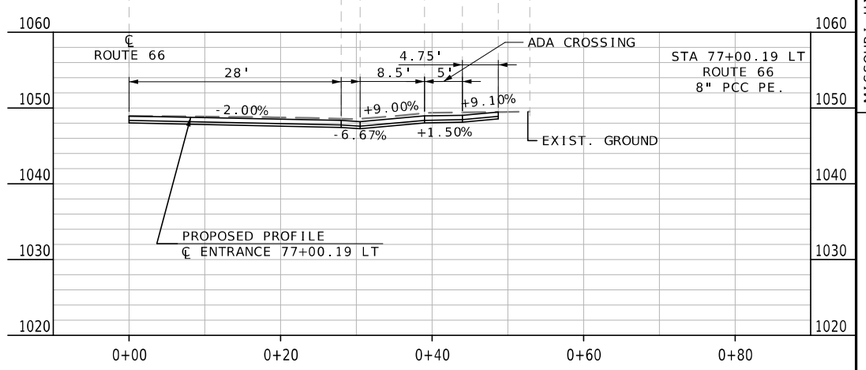
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 13 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	40

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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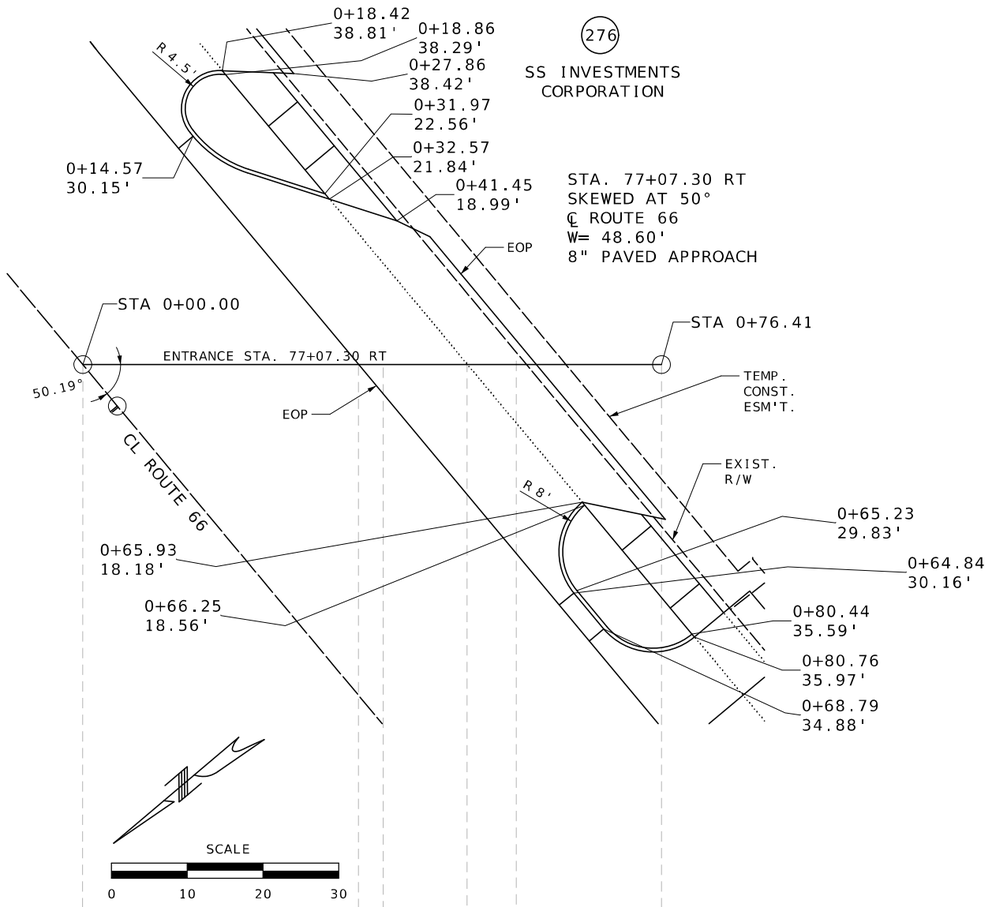

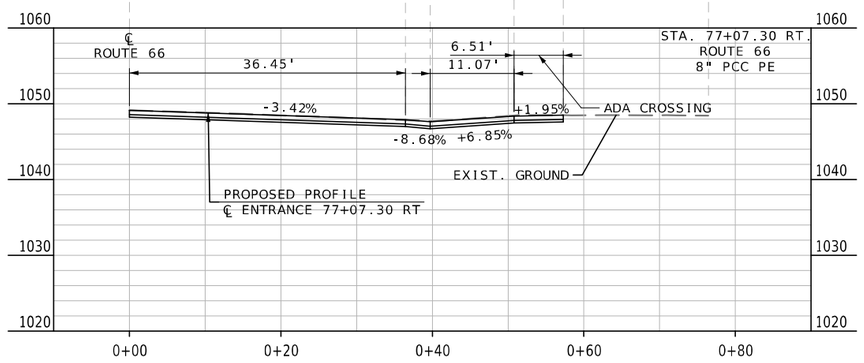

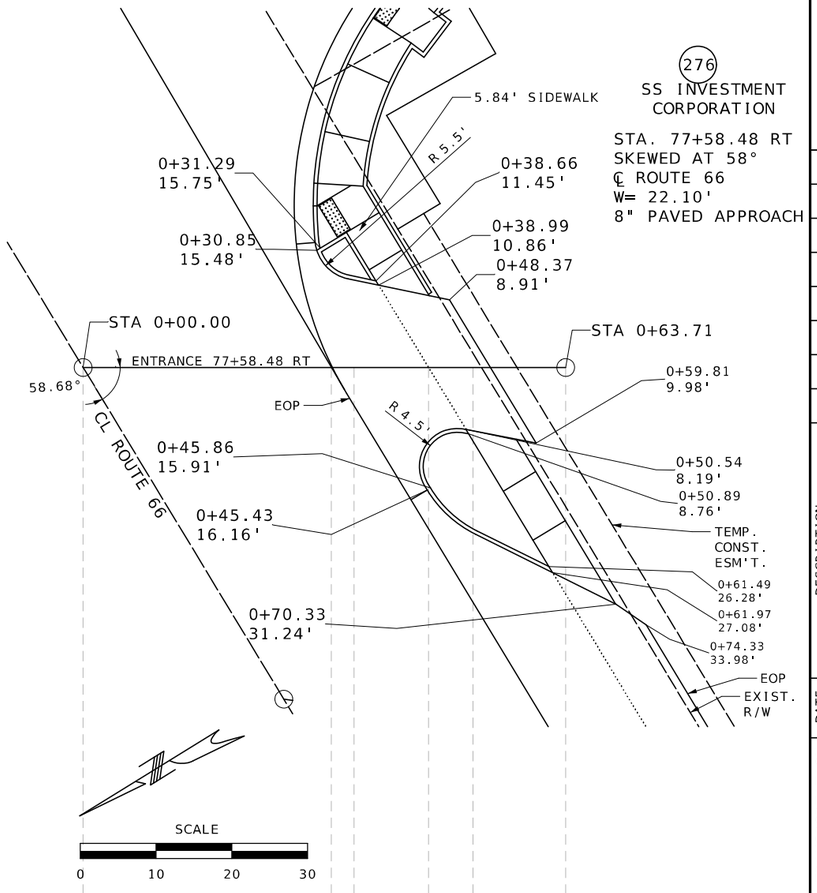

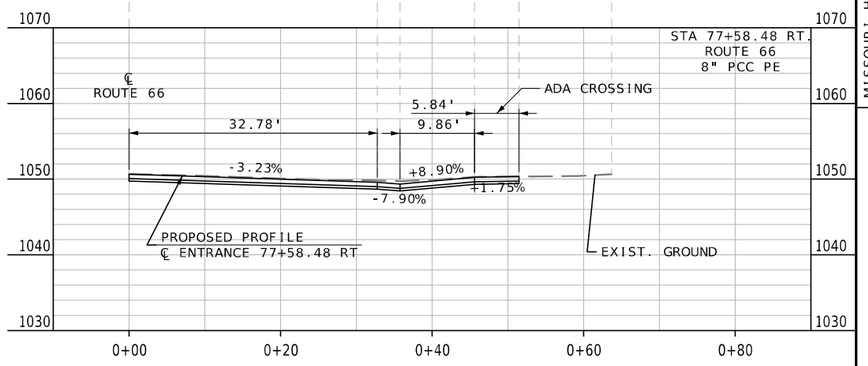

SPECIAL SHEET
ENTRANCES
SHEET 14 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 41
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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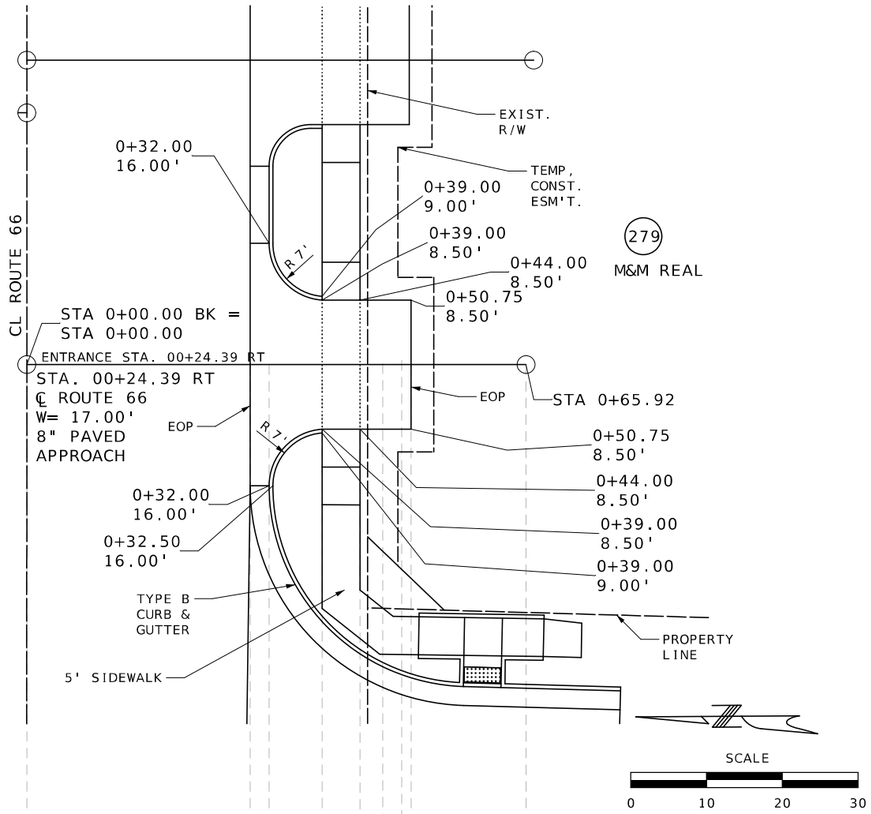

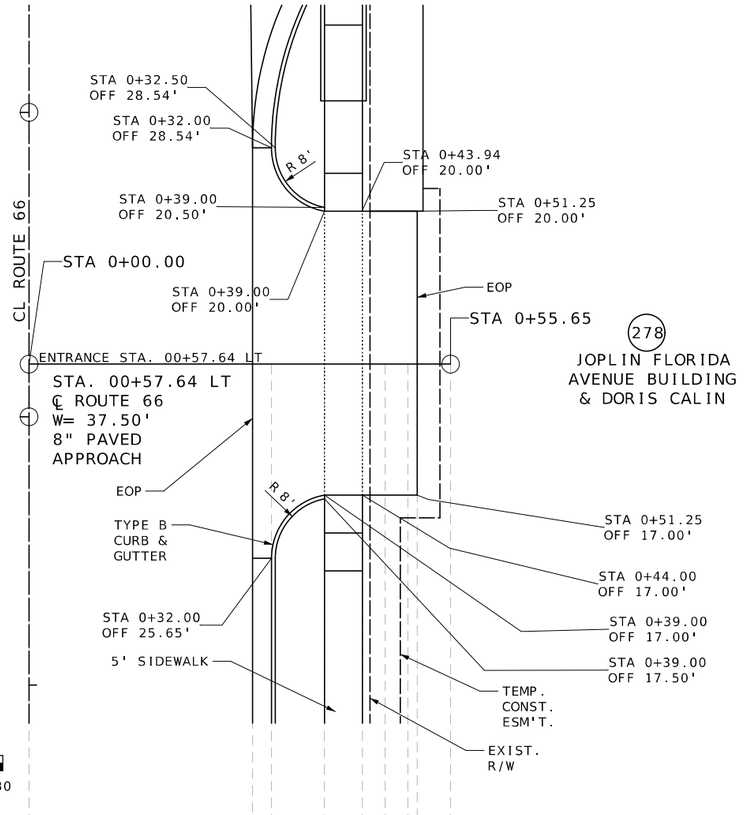

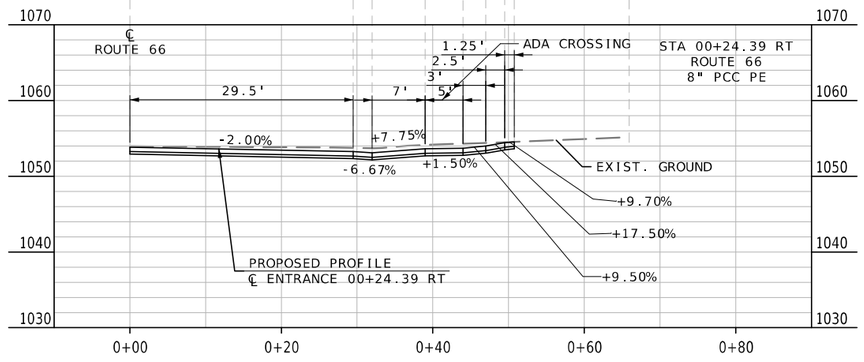

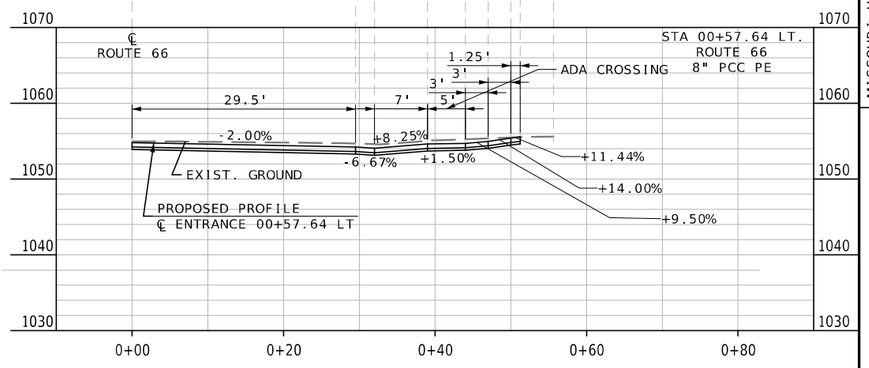

SPECIAL SHEET
ENTRANCES
SHEET 15 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	42

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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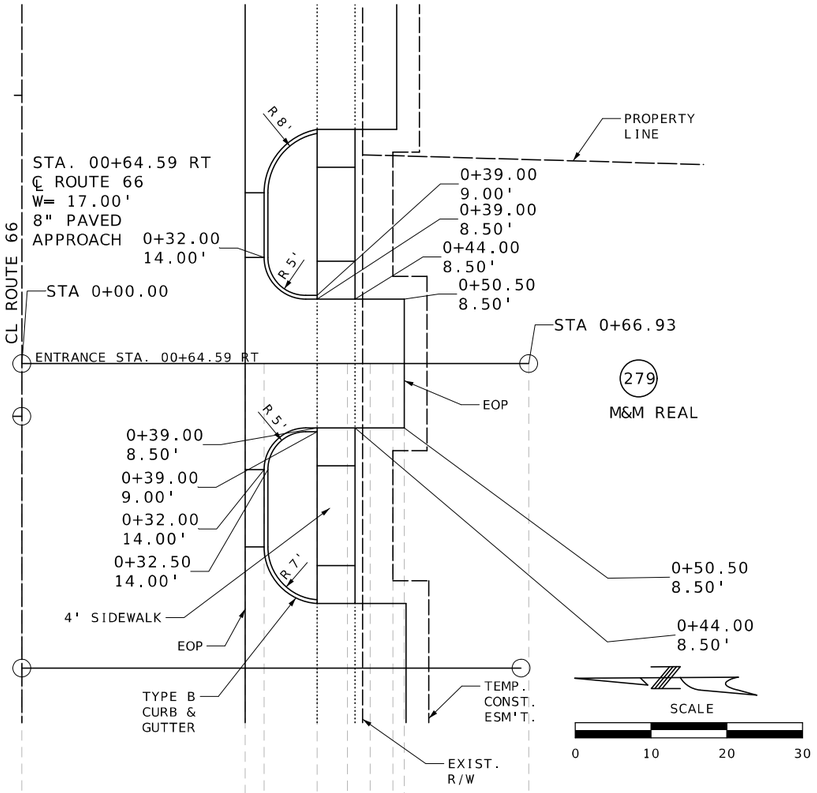
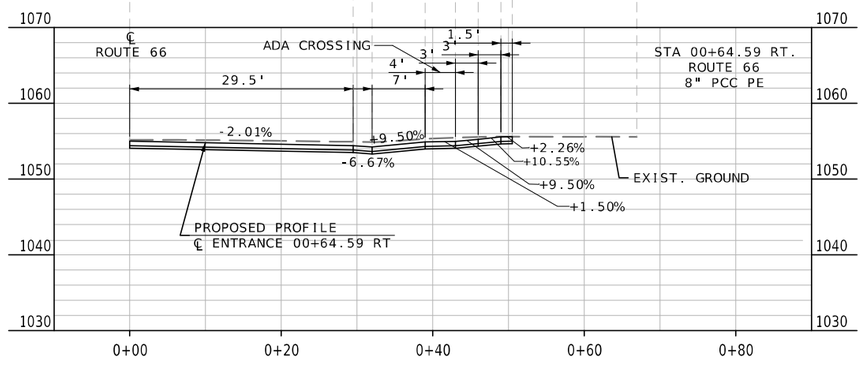
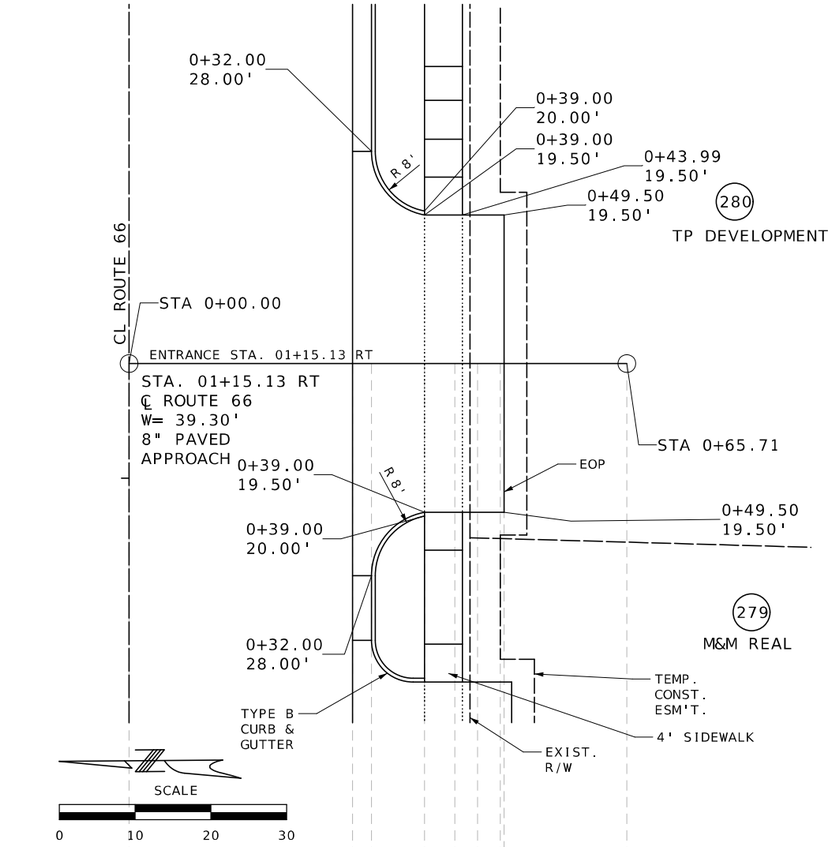
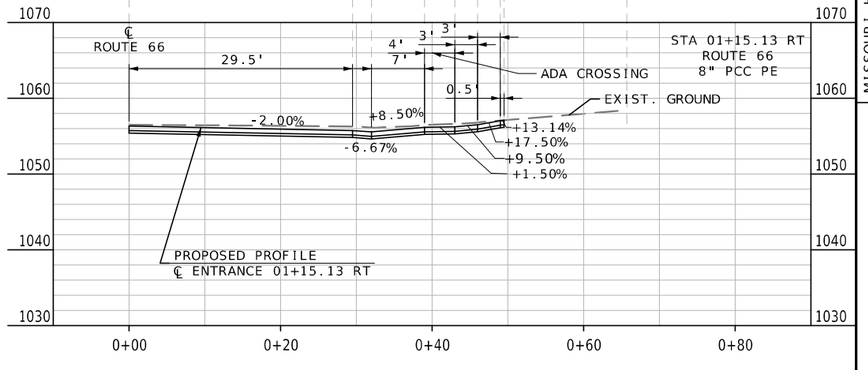








SPECIAL SHEET
ENTRANCES
SHEET 16 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
8/4/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	43

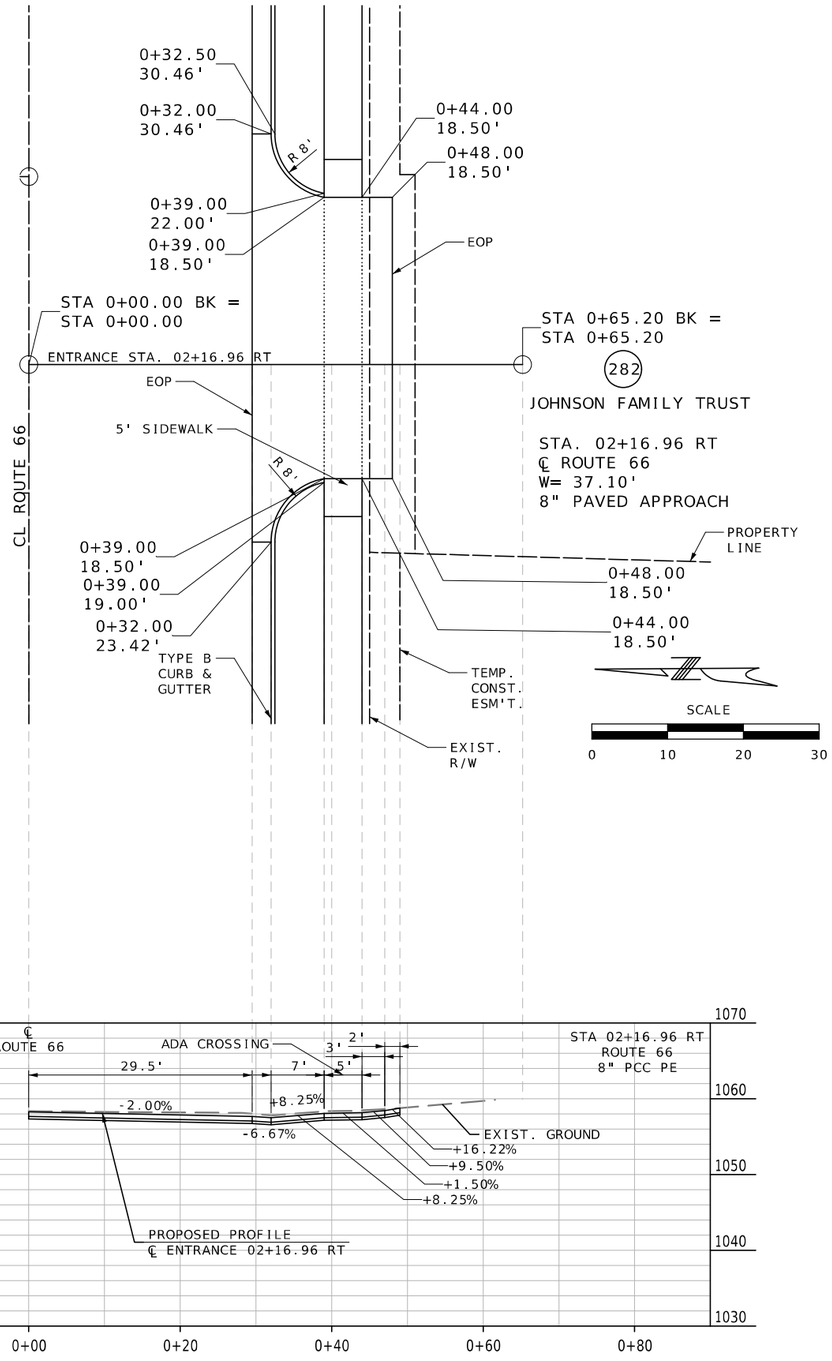
COUNTY
JASPER
JOB NO.
J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

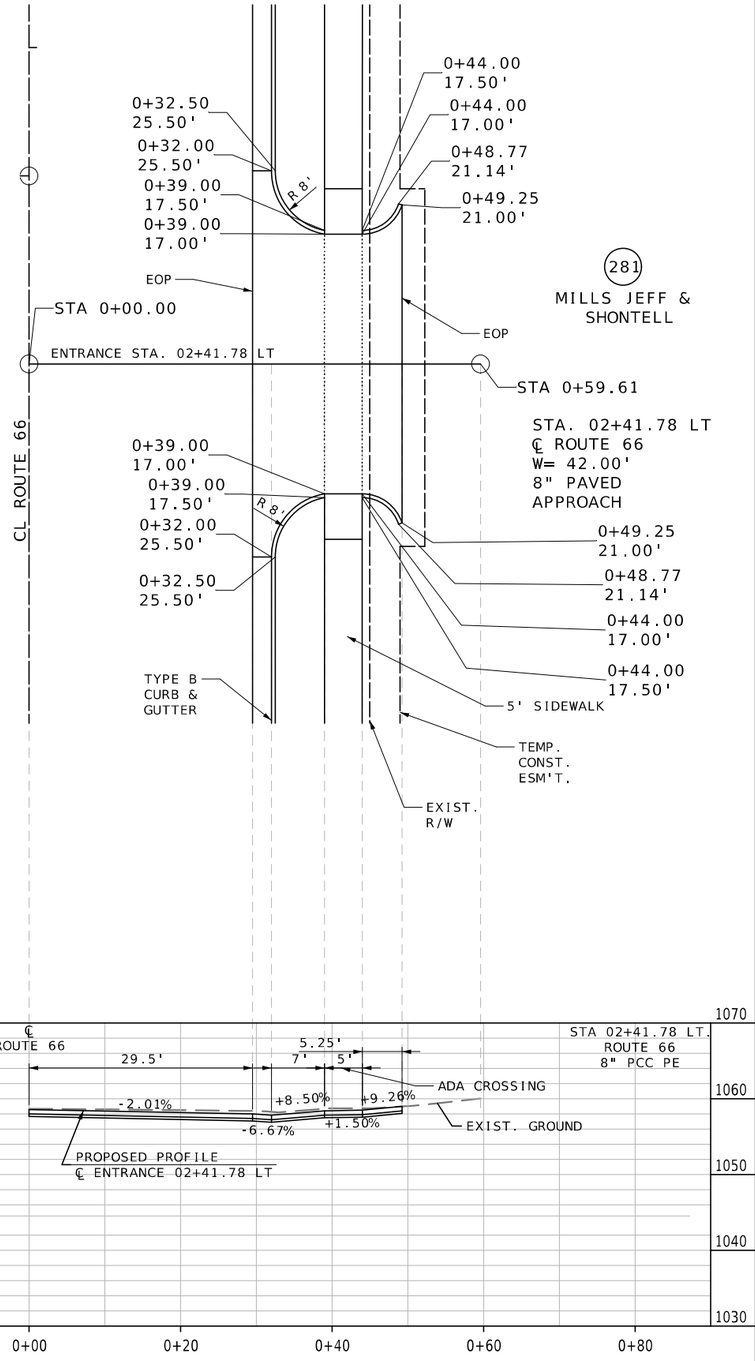
DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





SPECIAL SHEET
ENTRANCES
SHEET 17 OF 26

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	44

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

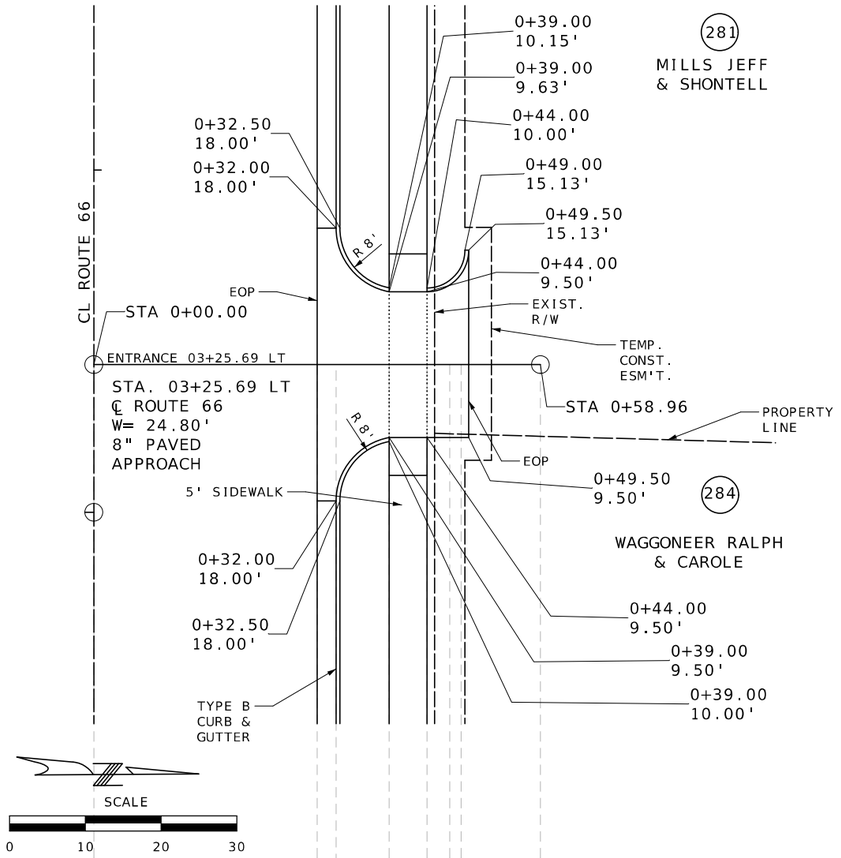
BRIDGE NO.

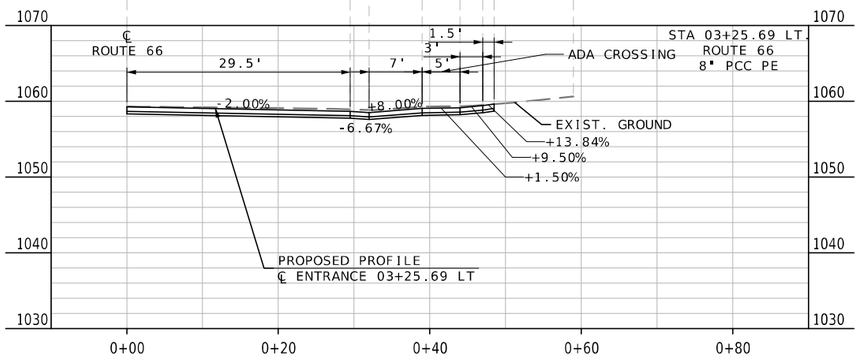
DESCRIPTION	DATE

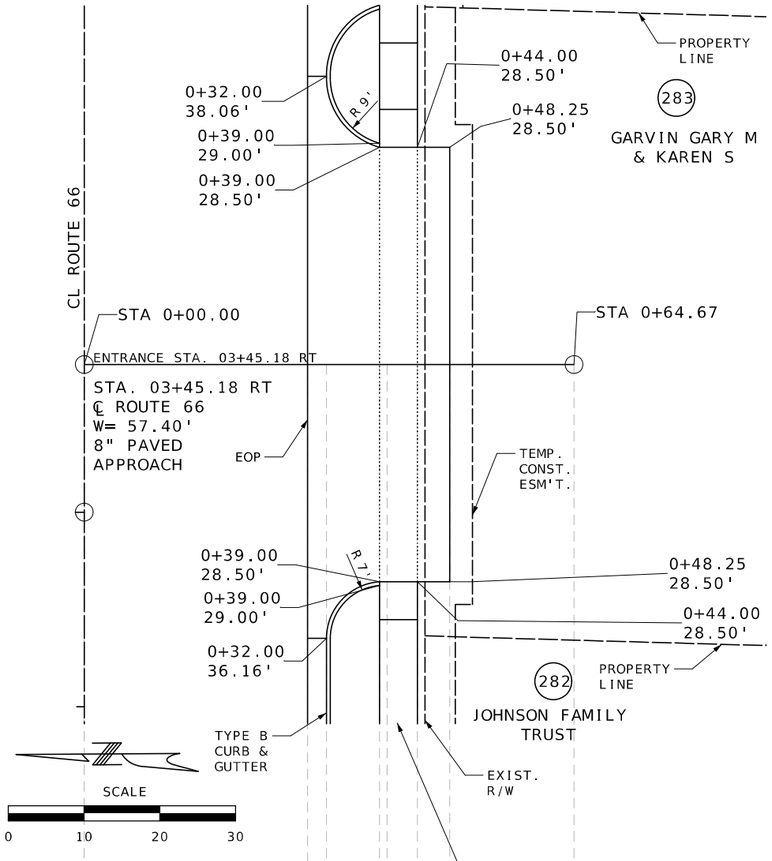
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

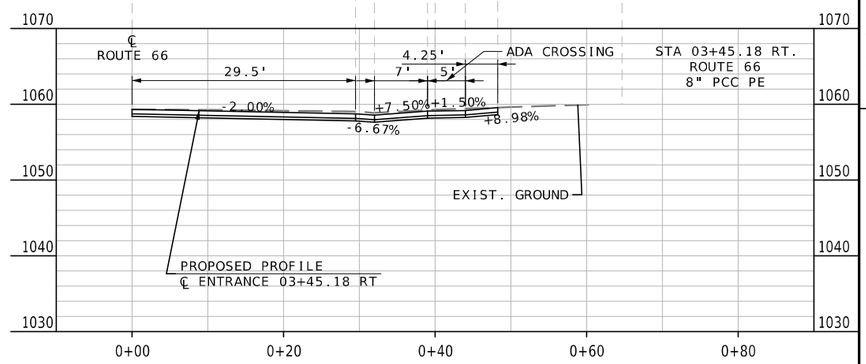
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 18 OF 26

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

MELISSA ANN WILBERS
NUMBER PE-2007002853
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	45

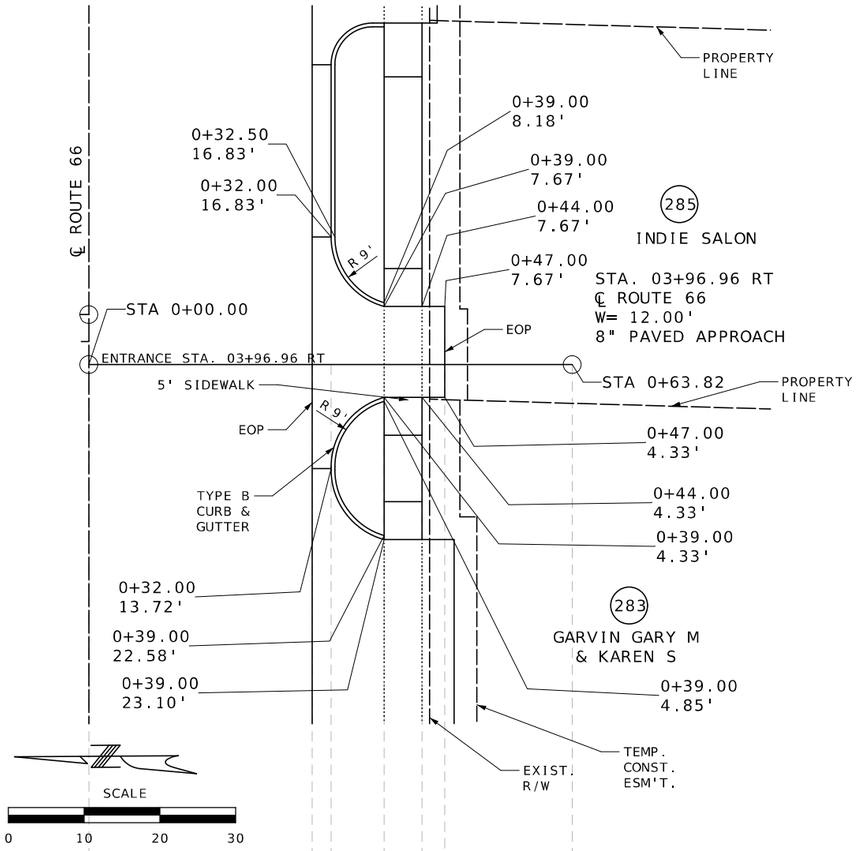
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

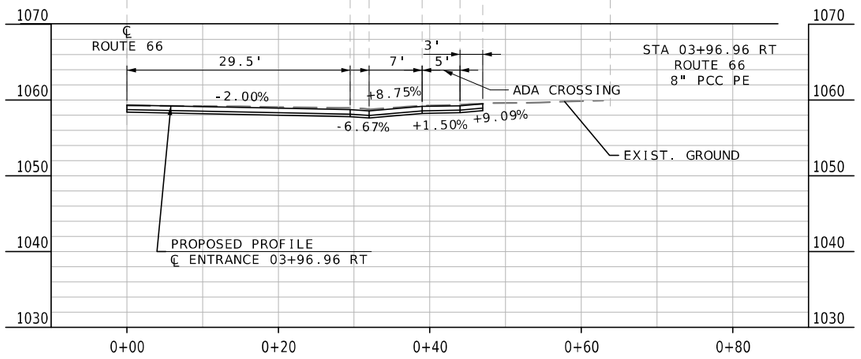
DESCRIPTION	DATE

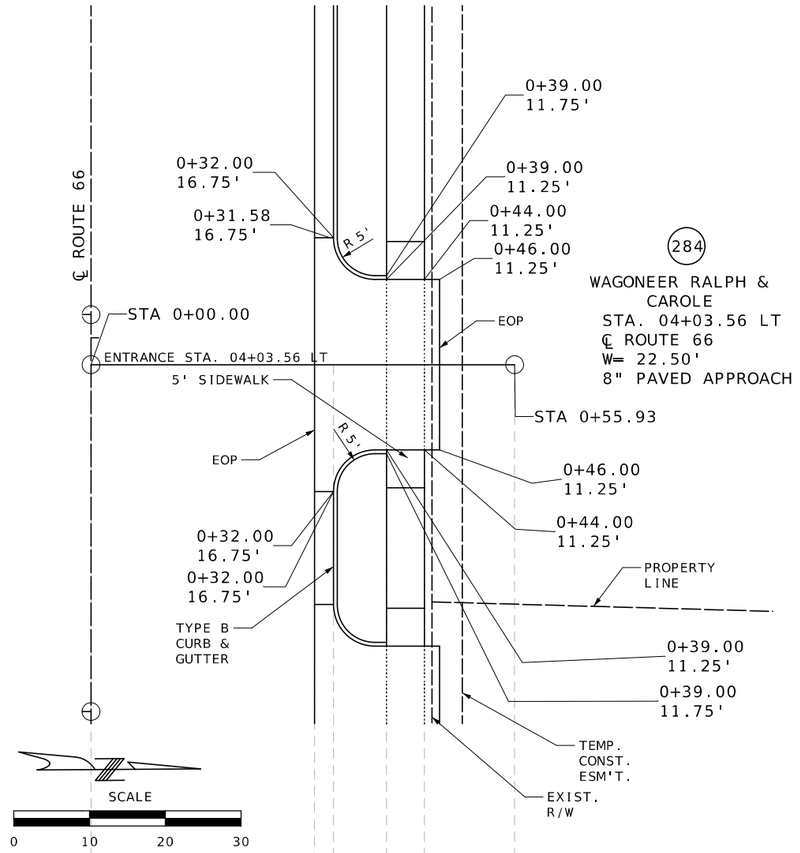
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

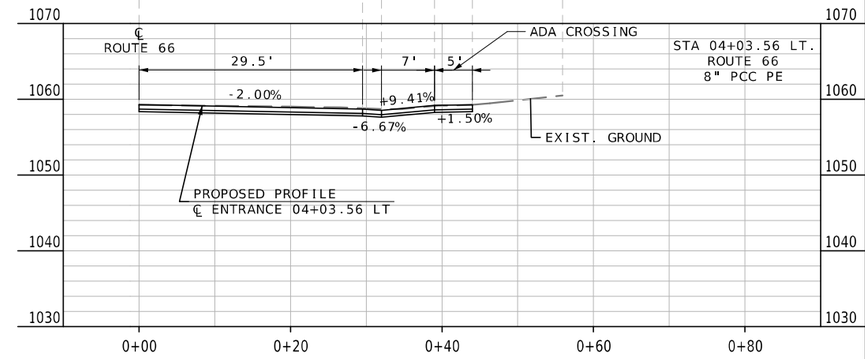
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 19 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

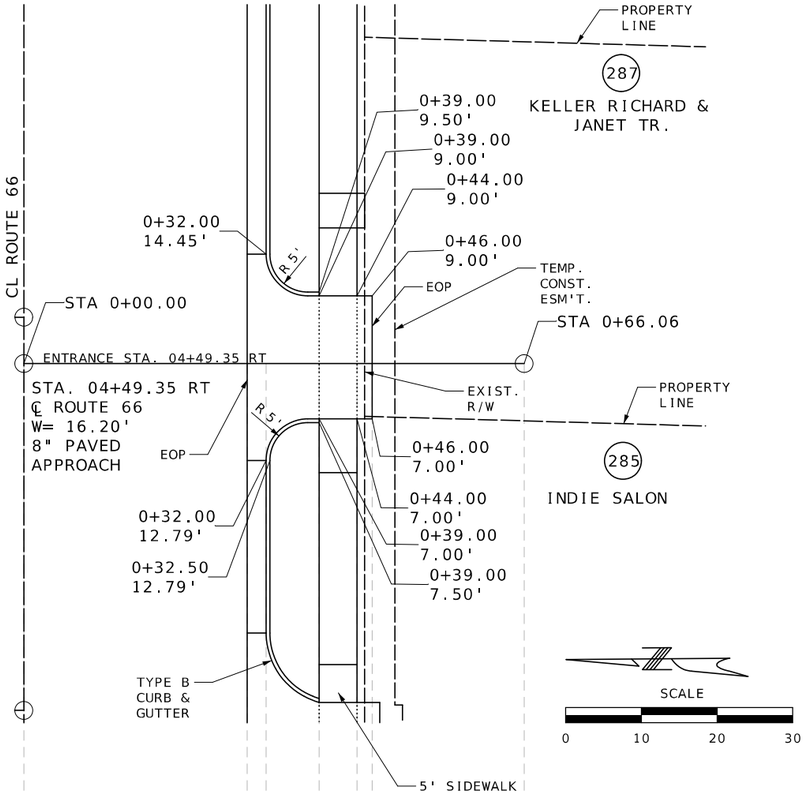
DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 46
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

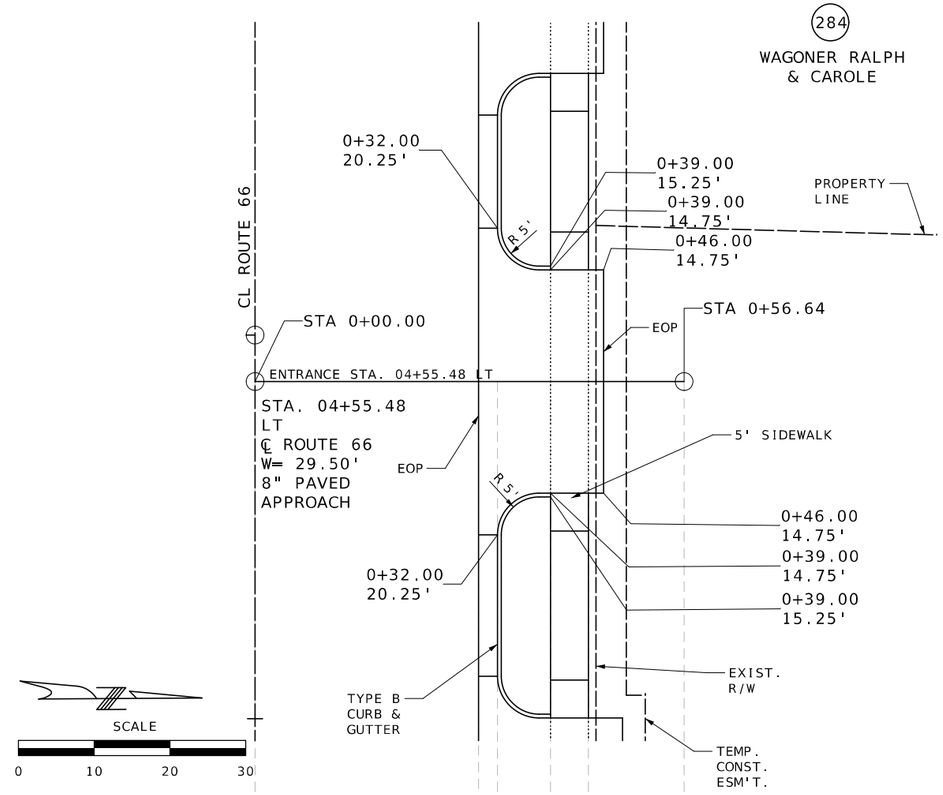
DESCRIPTION	DATE

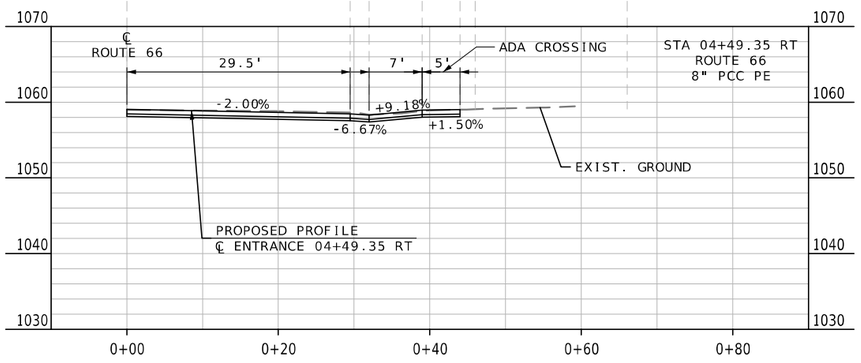
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

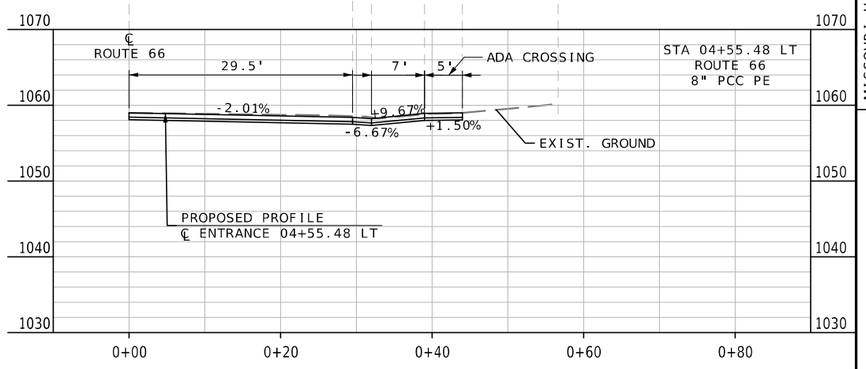
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 20 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
8/4/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	47

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

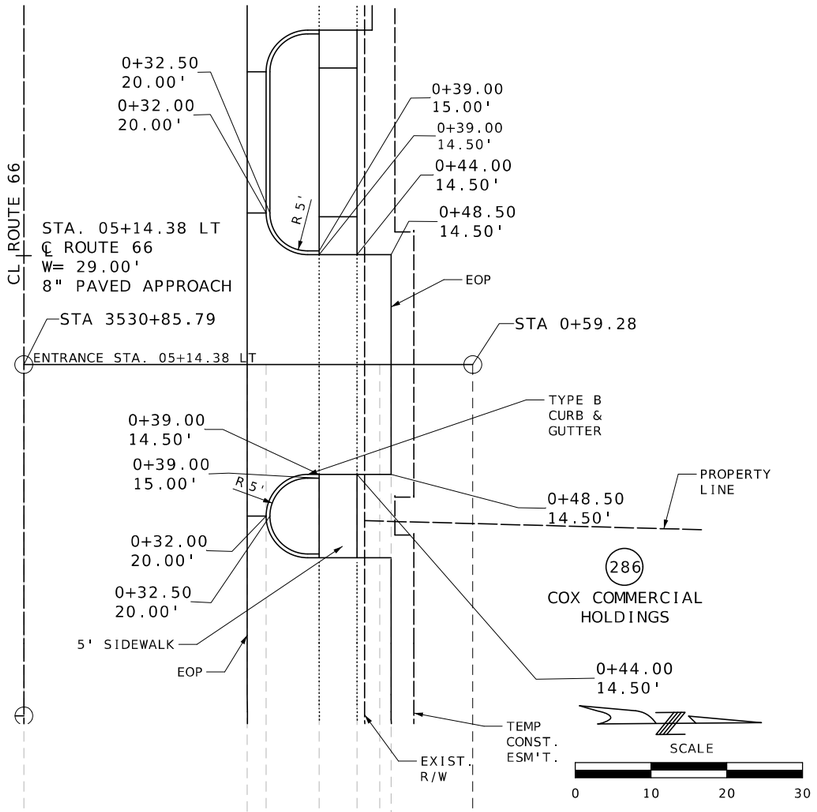
PROJECT NO.

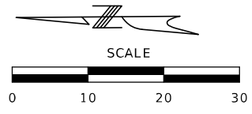
BRIDGE NO.

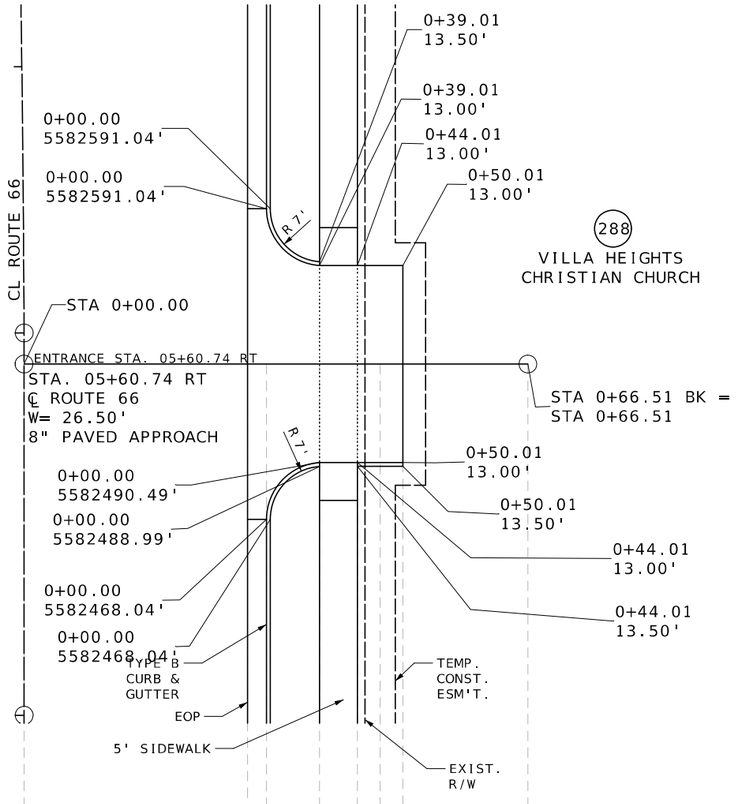
DESCRIPTION	DATE

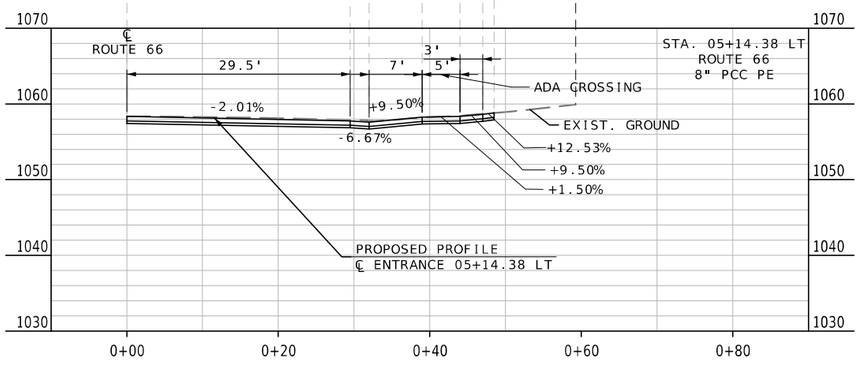
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

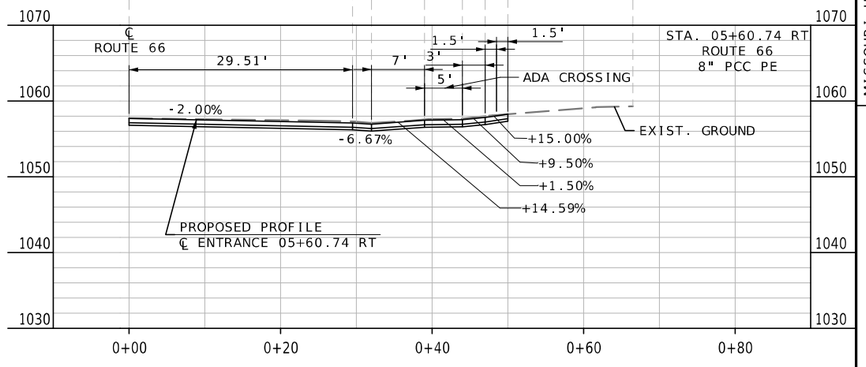
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM











SPECIAL SHEET
ENTRANCES
SHEET 21 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	48

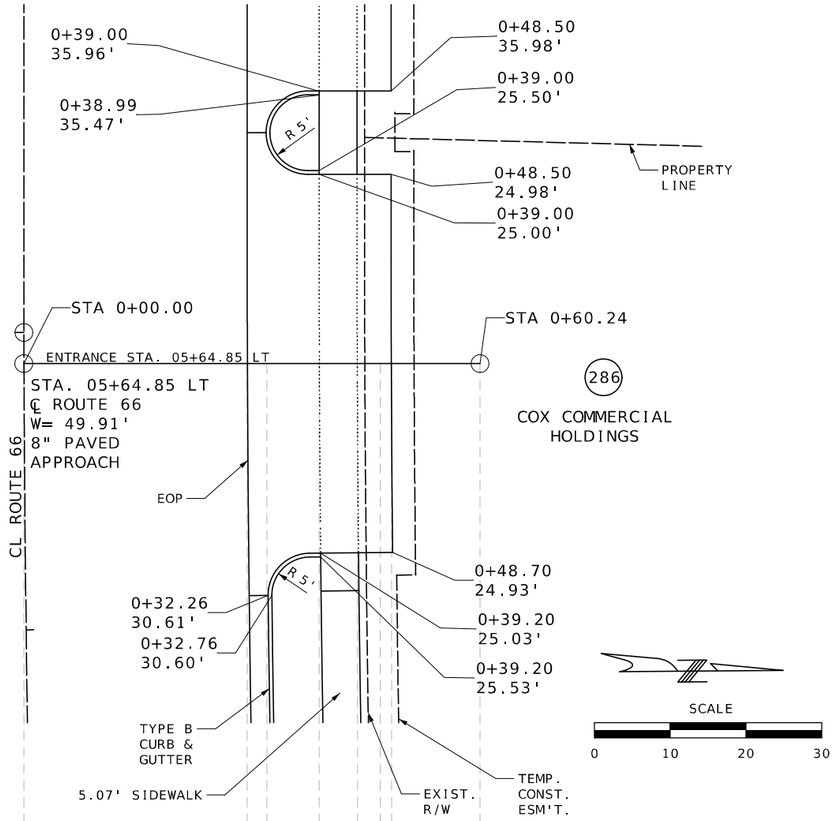
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

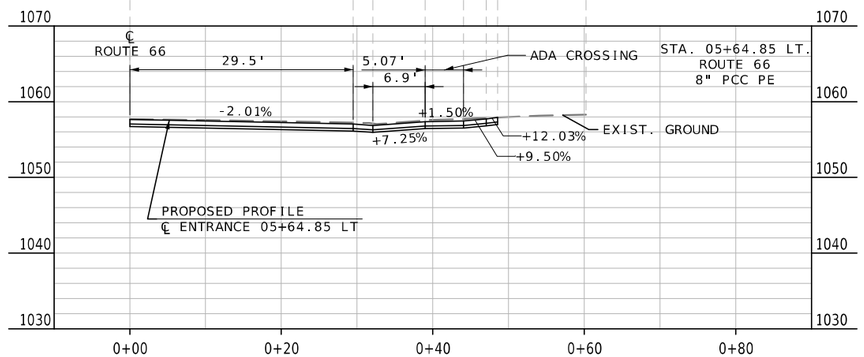
DESCRIPTION	DATE

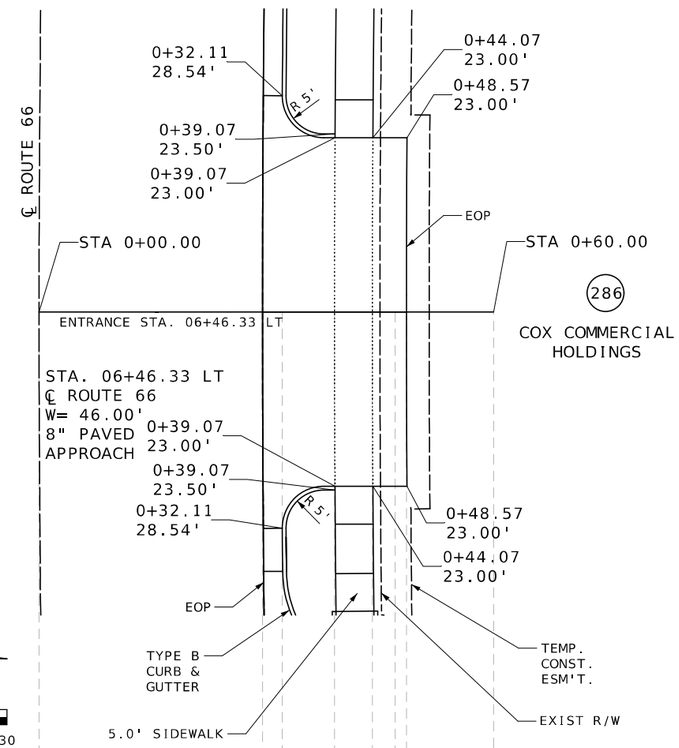
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

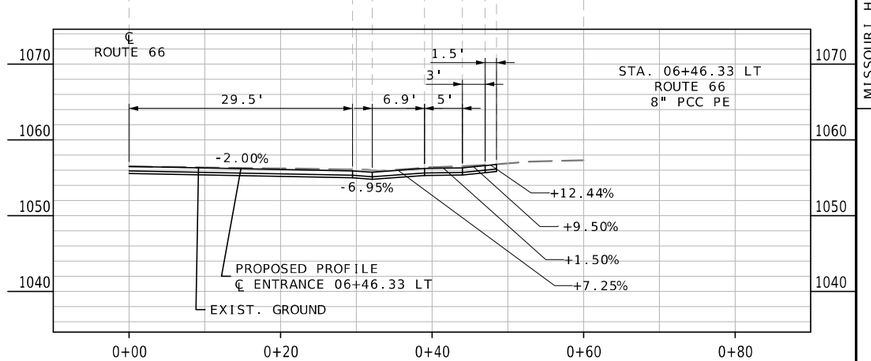
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 22 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	49

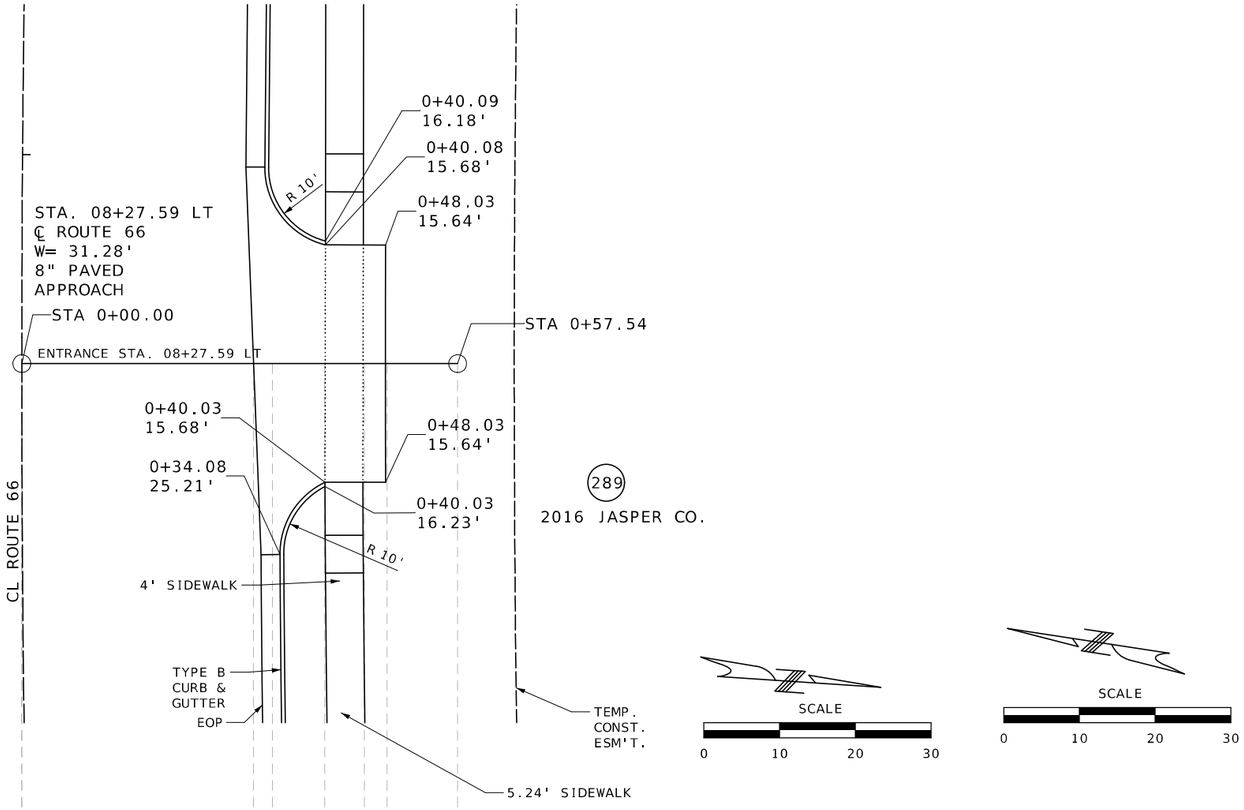
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

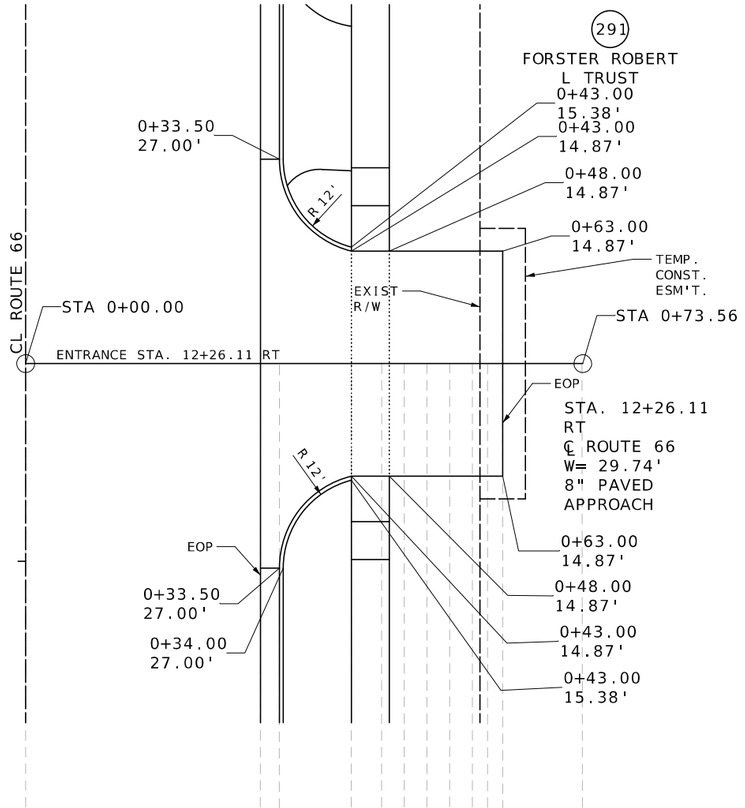
DESCRIPTION	DATE

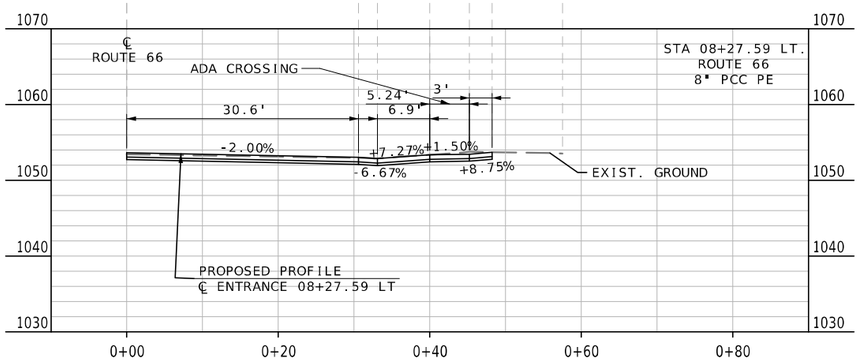
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

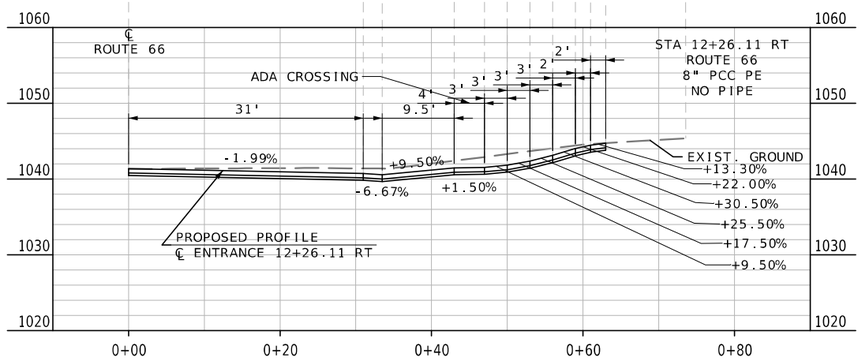
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
ENTRANCES
SHEET 23 OF 26

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

MELISSA ANN WILBERS
NUMBER PE-2007002853
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	50

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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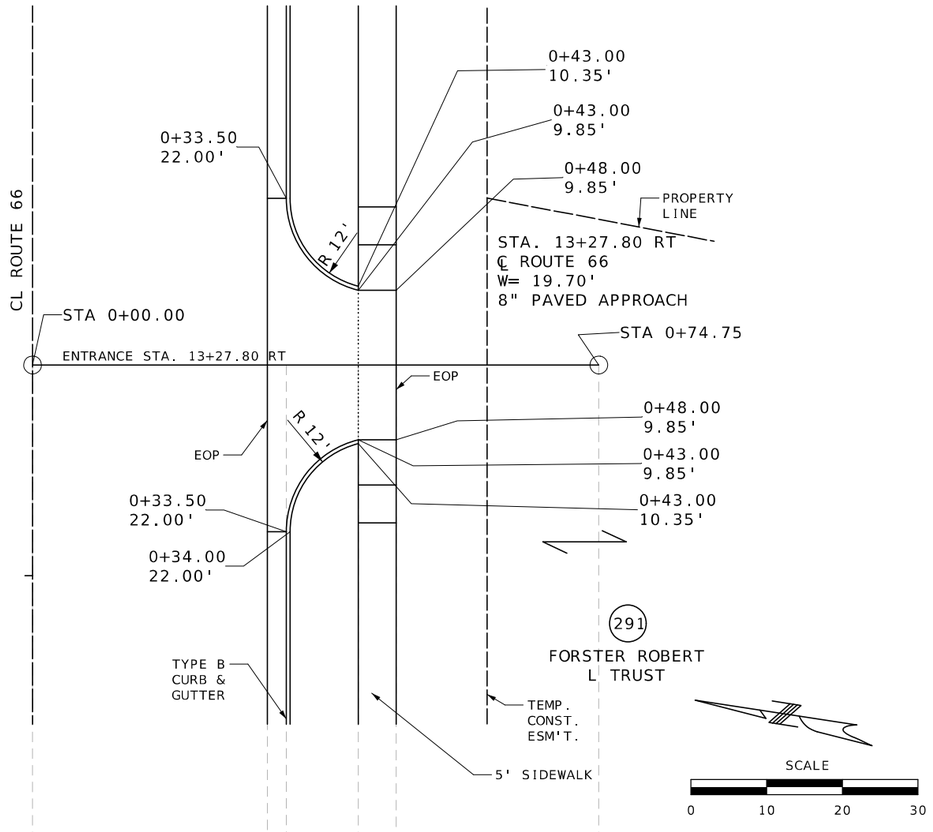

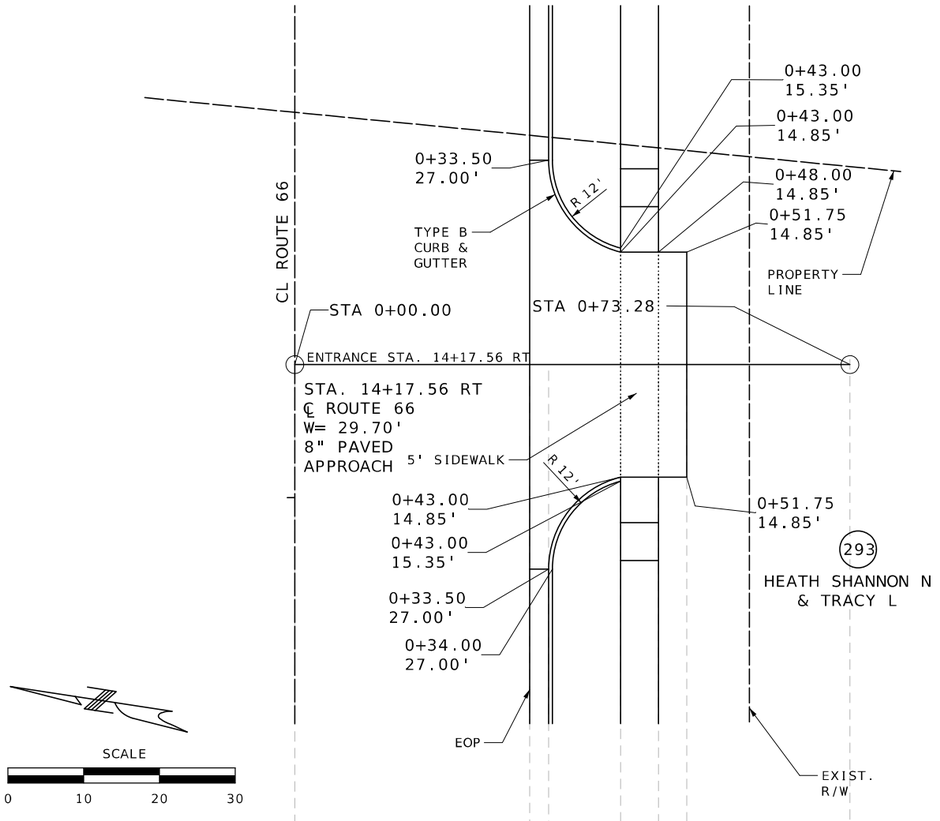

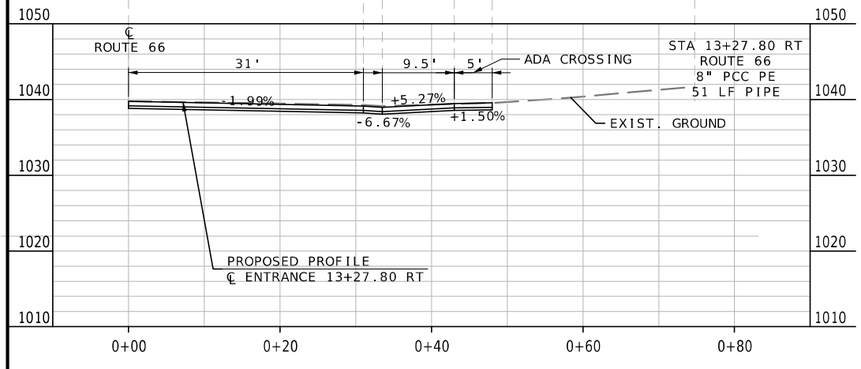

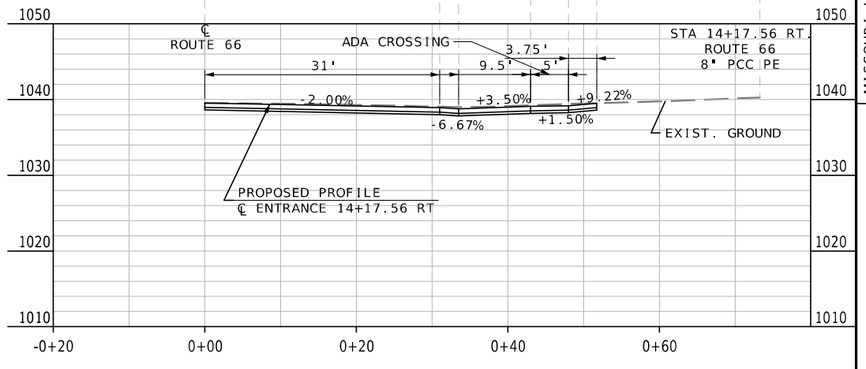

SPECIAL SHEET
ENTRANCES
SHEET 24 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
8/4/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	51
COUNTY	
JASPER	
JOB NO.	
J7S2185E,G	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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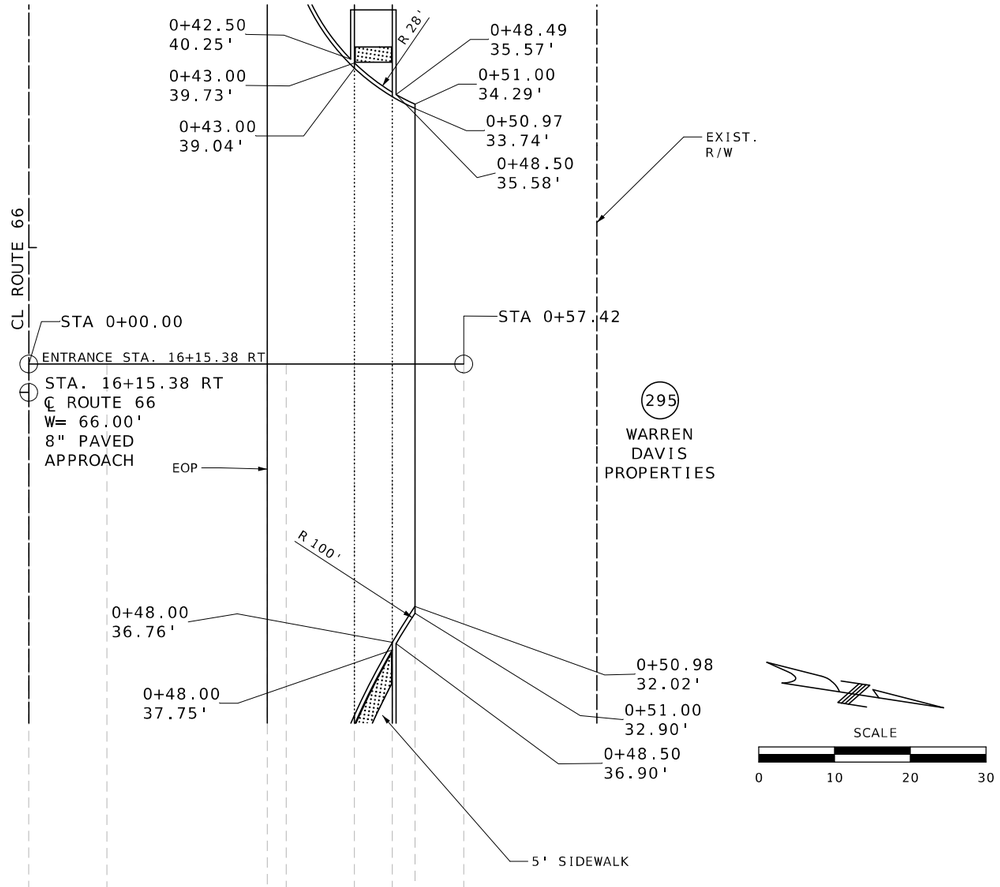

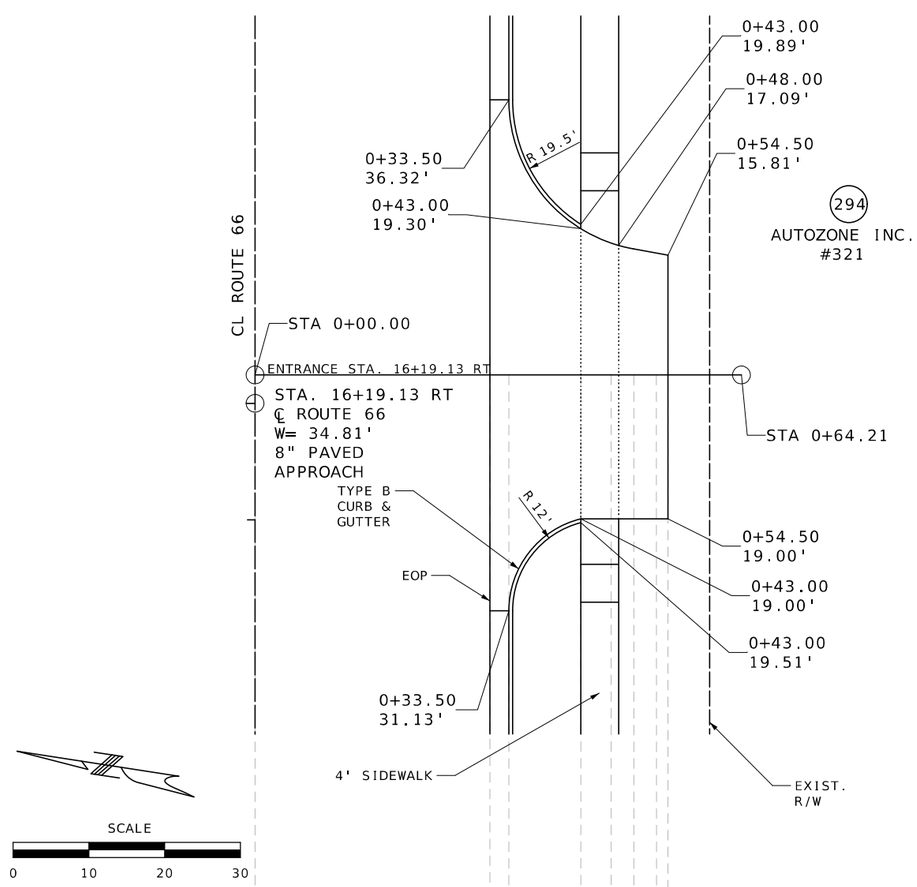

SPECIAL SHEET
ENTRANCES
SHEET 25 OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	52

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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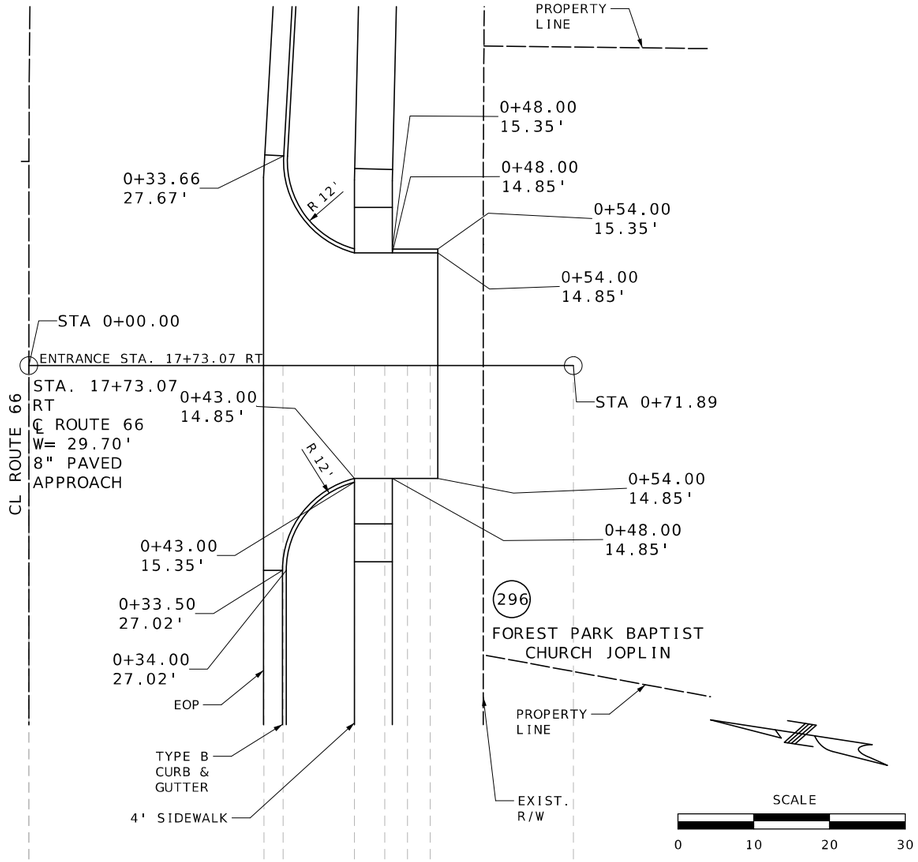

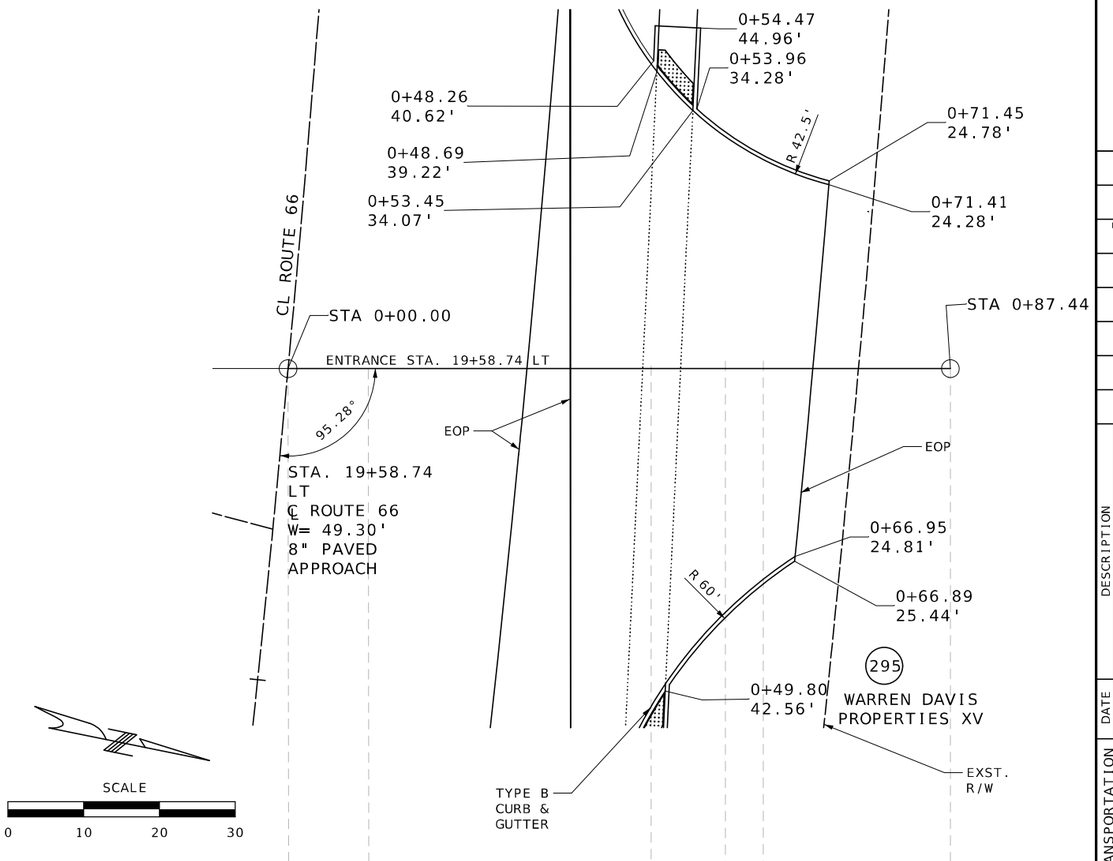

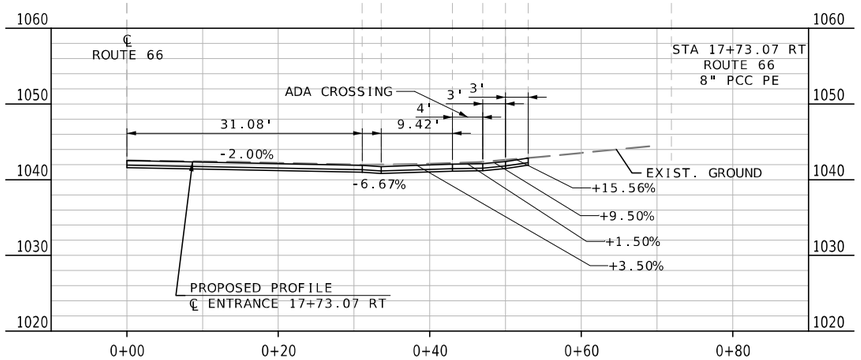

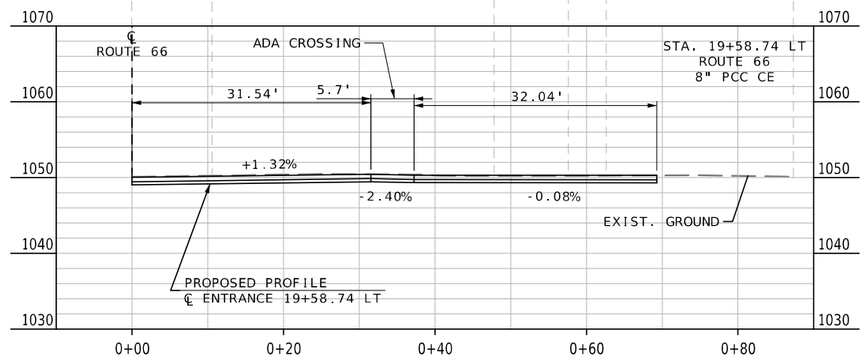

SPECIAL SHEET
ENTRANCES
SHEET 26 OF 26

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	53

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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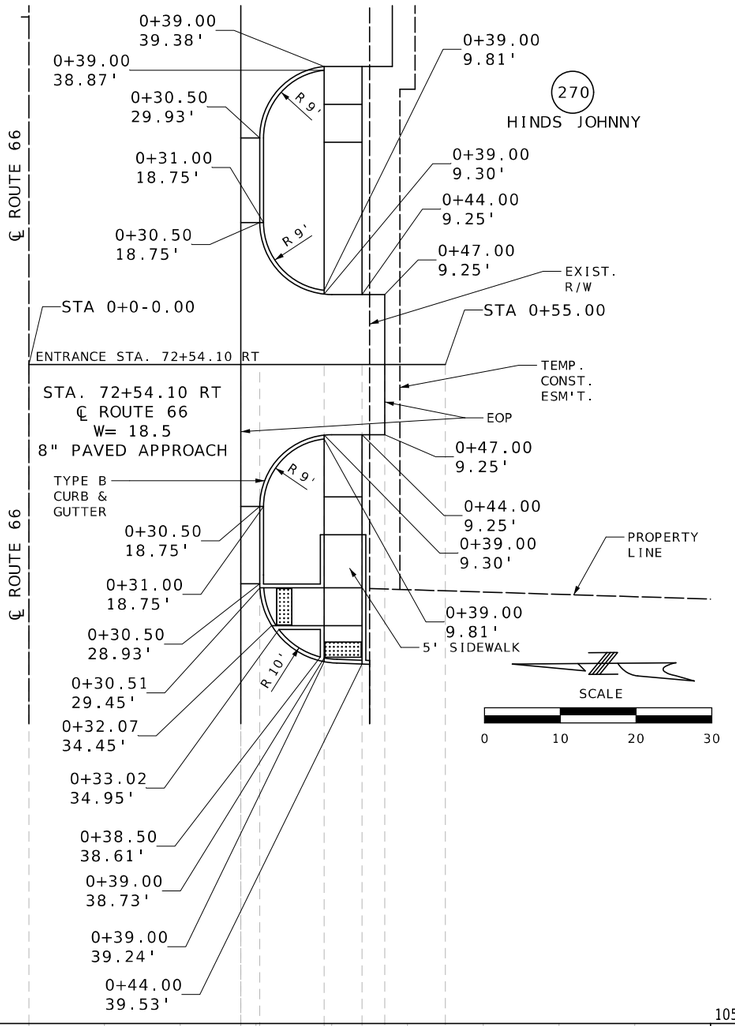

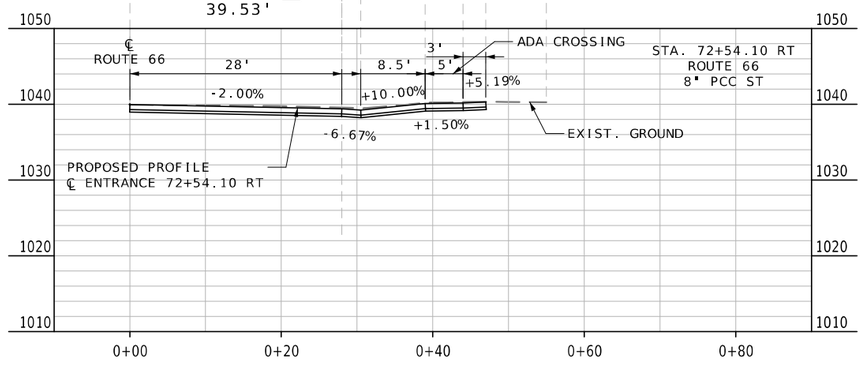

SPECIAL SHEETS
ENTRANCES
SHEET 26A OF 26

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	53A

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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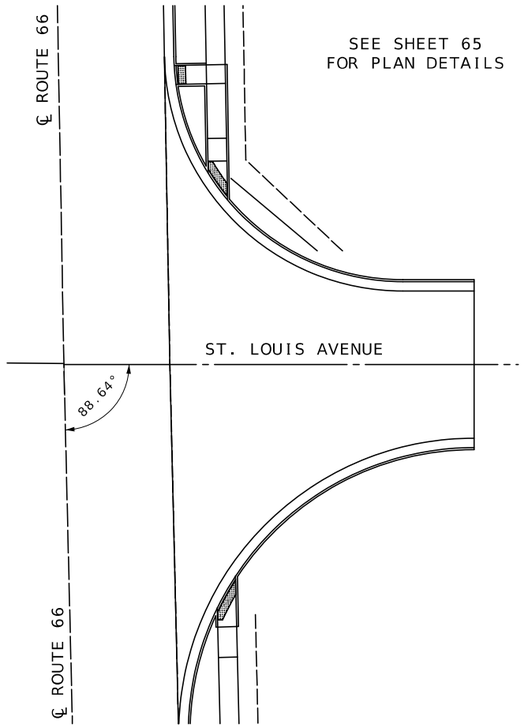
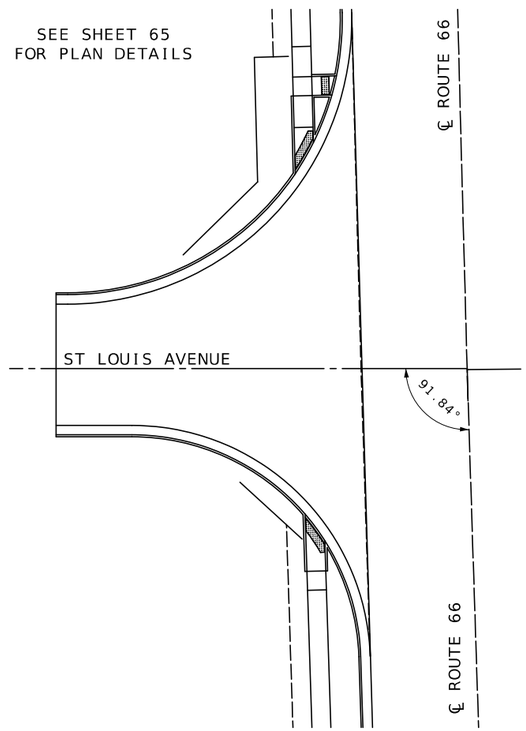
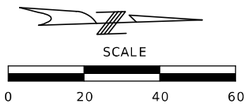
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

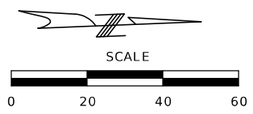
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

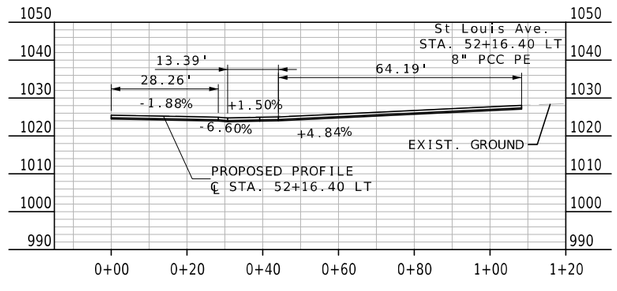
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

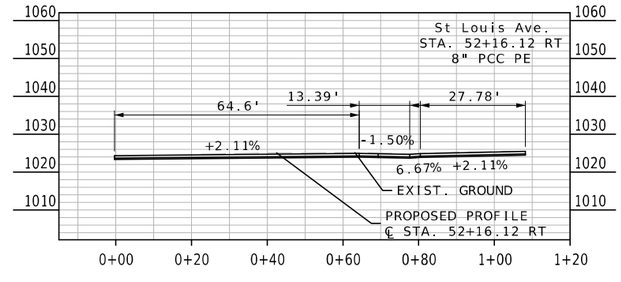












SPECIAL SHEET
SIDE STREET PROFILES
SHEET 1 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	54

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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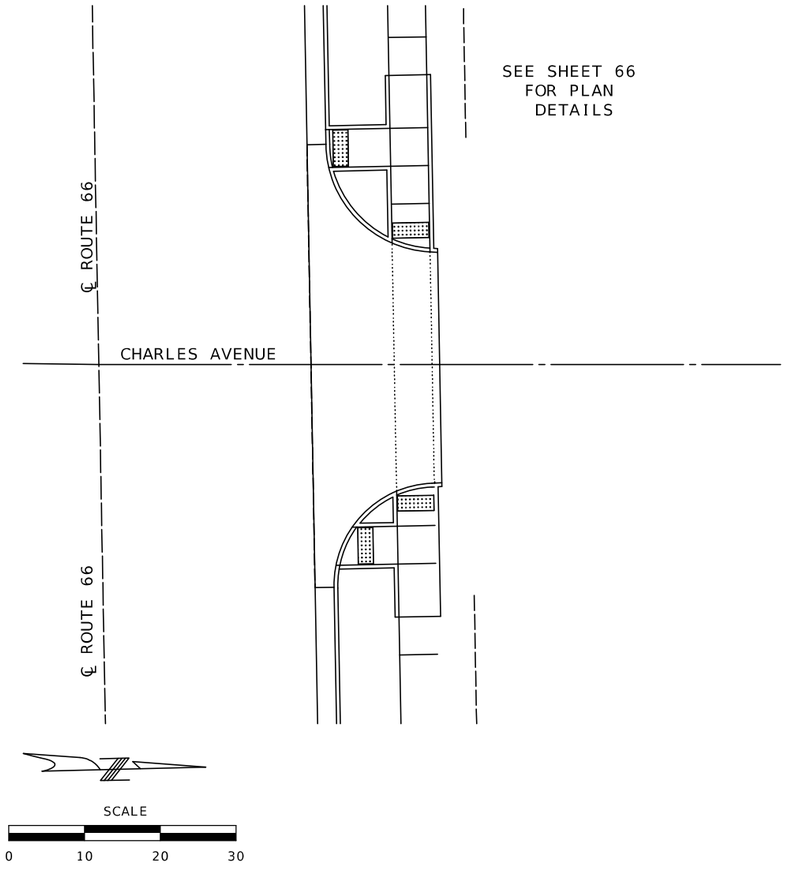

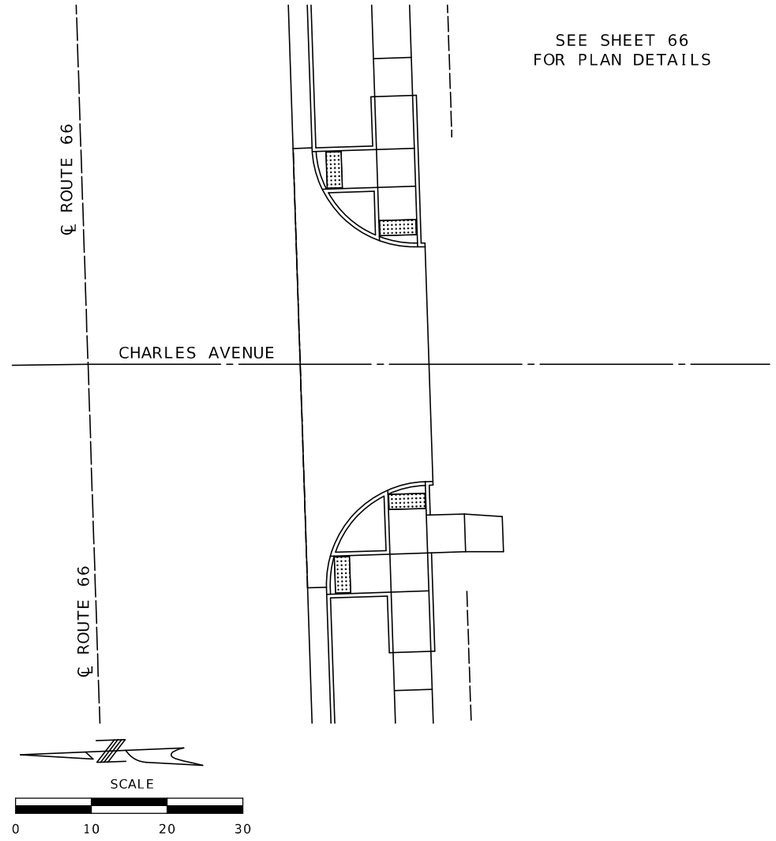

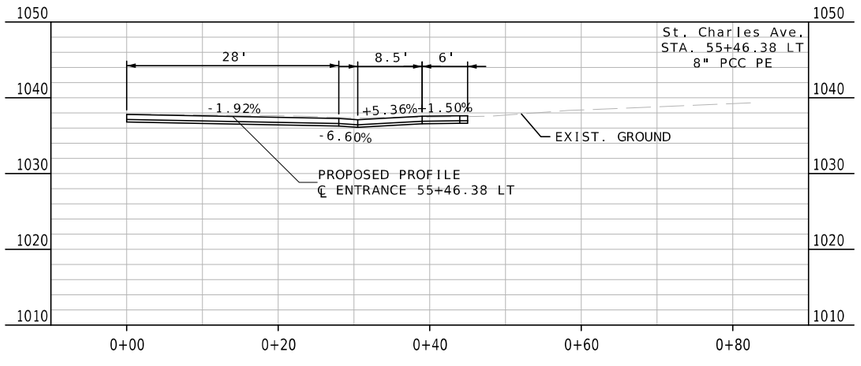

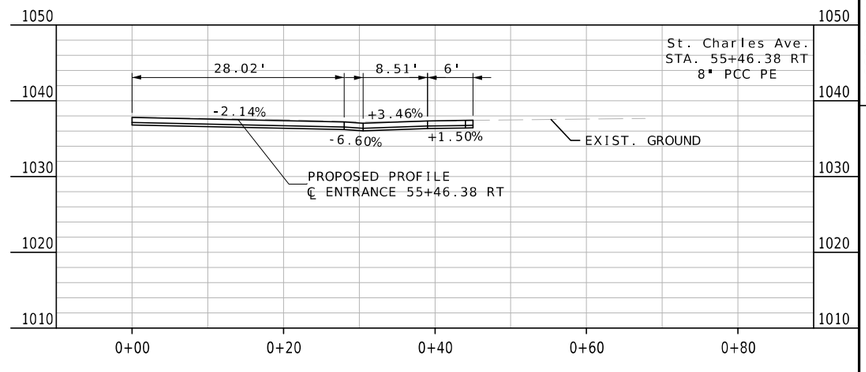

SPECIAL SHEET
SIDE STREET PROFILES
SHEET 2 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	8/4/2025
ROUTE	66
STATE	MO
DISTRICT	SW
SHEET NO.	55
COUNTY	JASPER
JOB NO.	J7S2185E,G
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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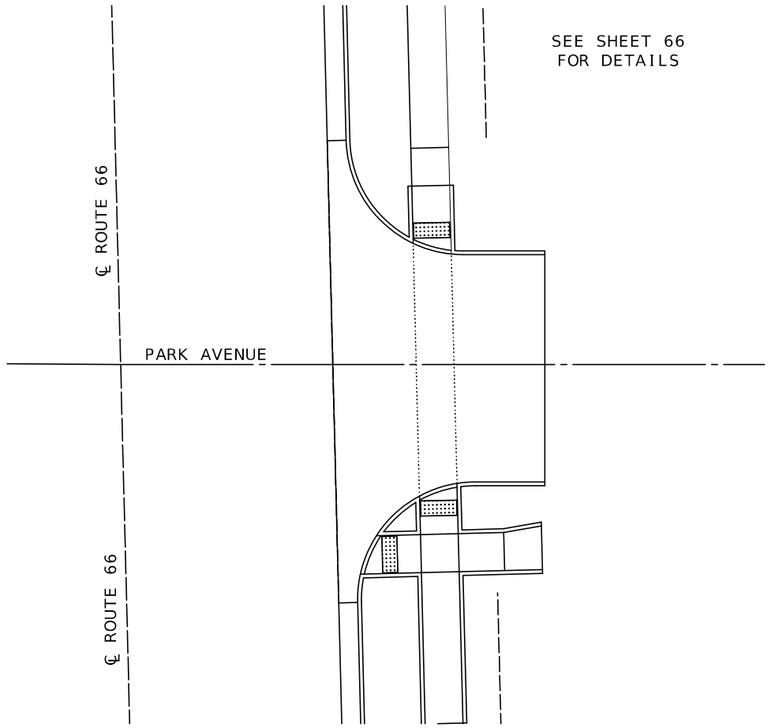
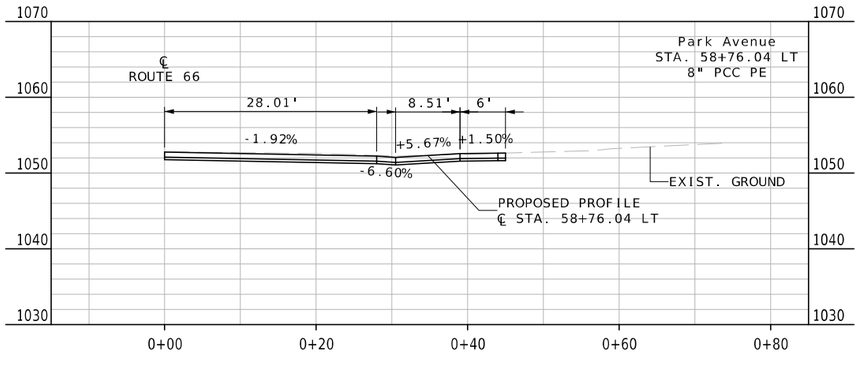
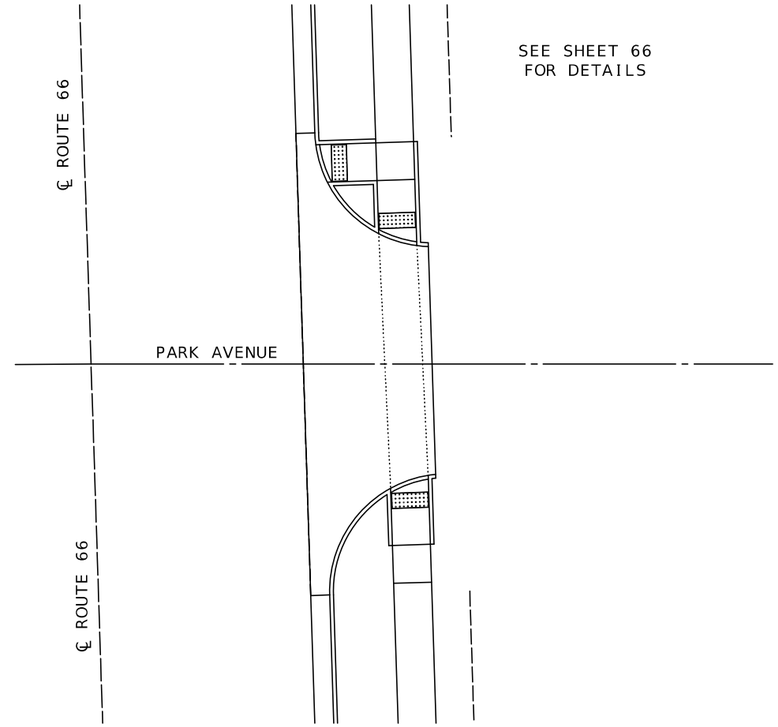
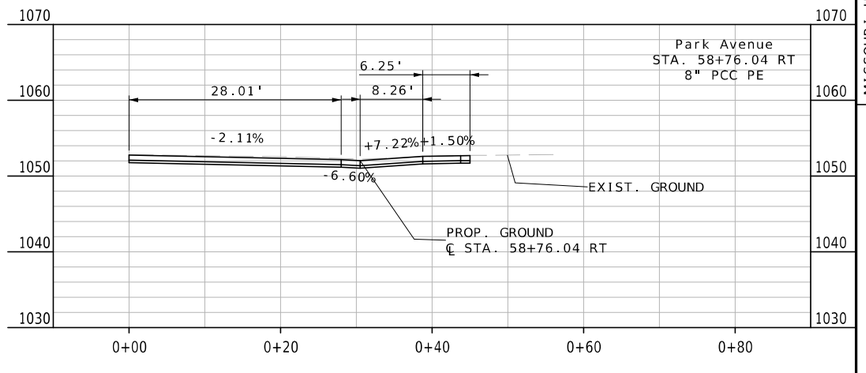
WWW.BARTLETTWEST.COM









SPECIAL SHEET
SIDE STREET PROFILES
SHEET 3 OF 11

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
10/2/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	56

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

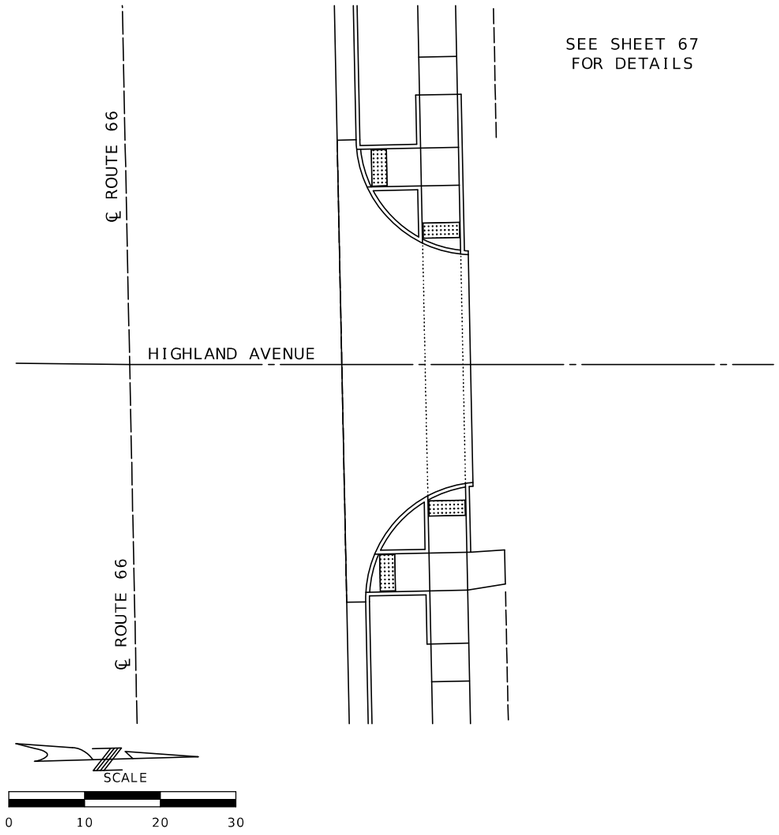
BRIDGE NO.

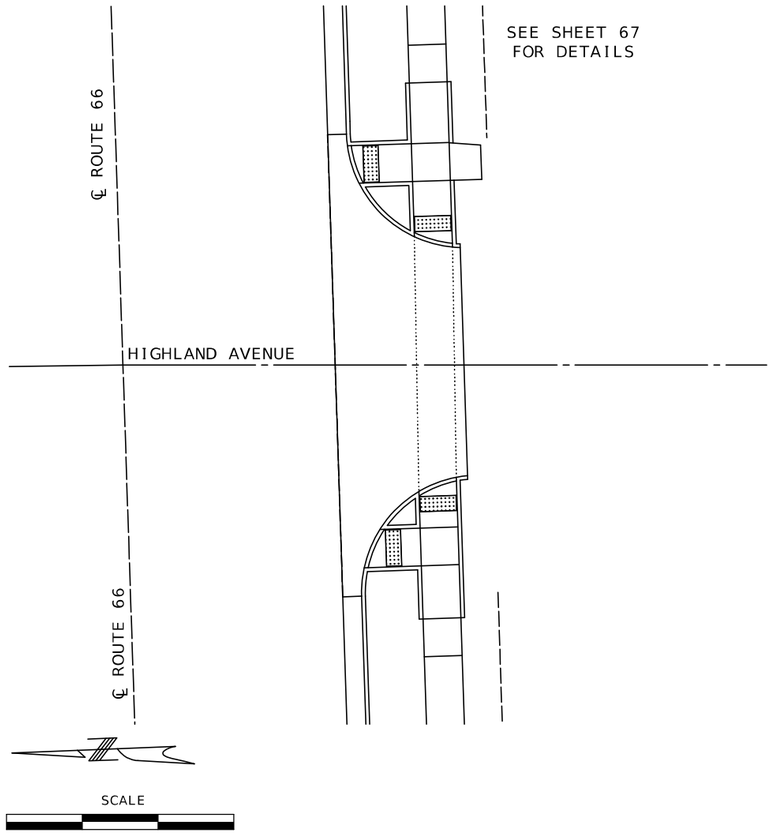
DESCRIPTION	DATE

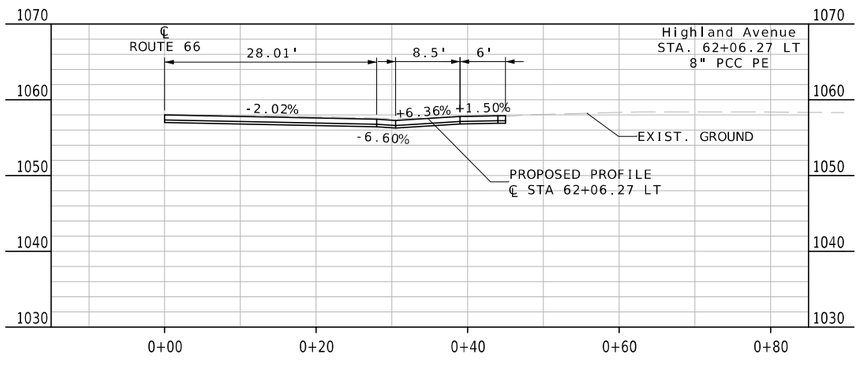
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

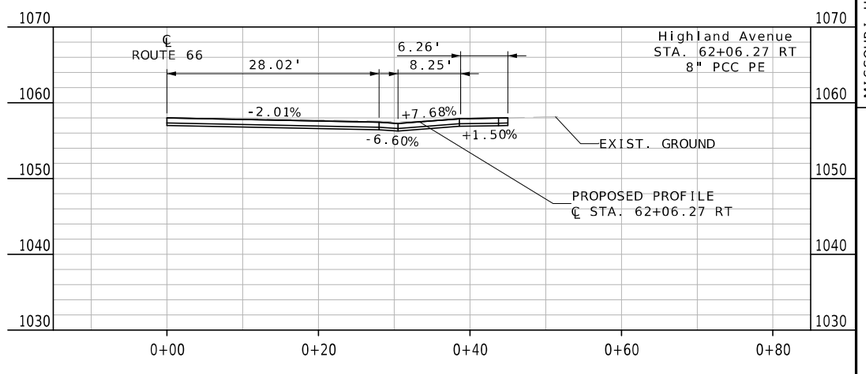
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
SIDE STREET PROFILES
SHEET 4 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007003853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	57

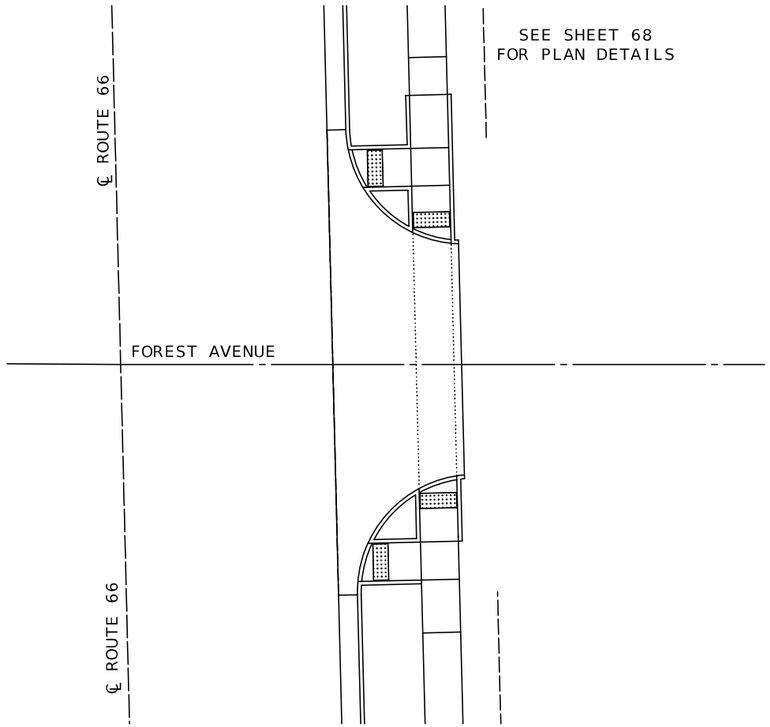
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

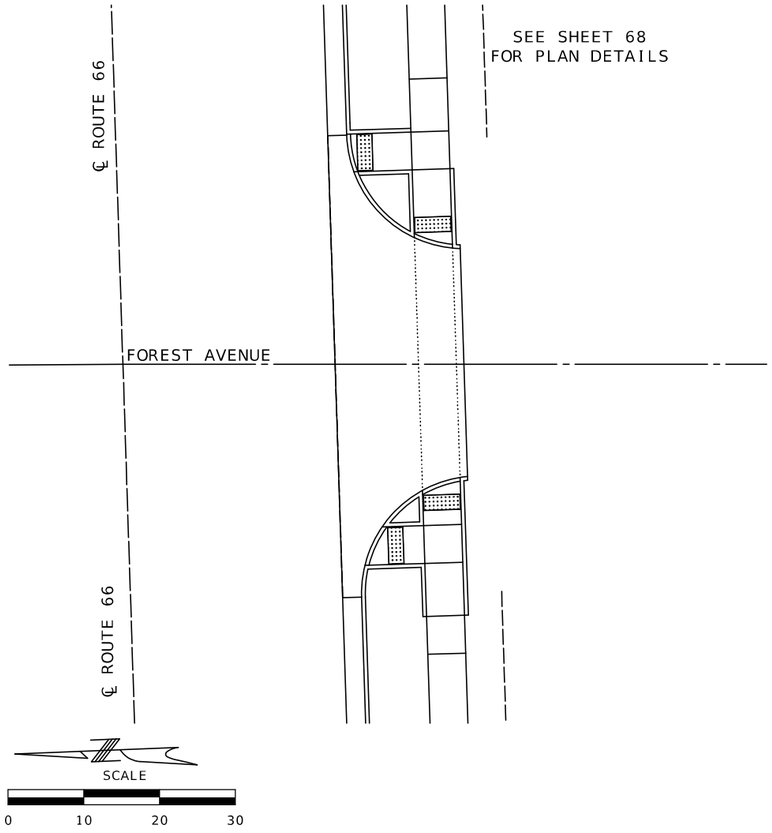
DATE	DESCRIPTION

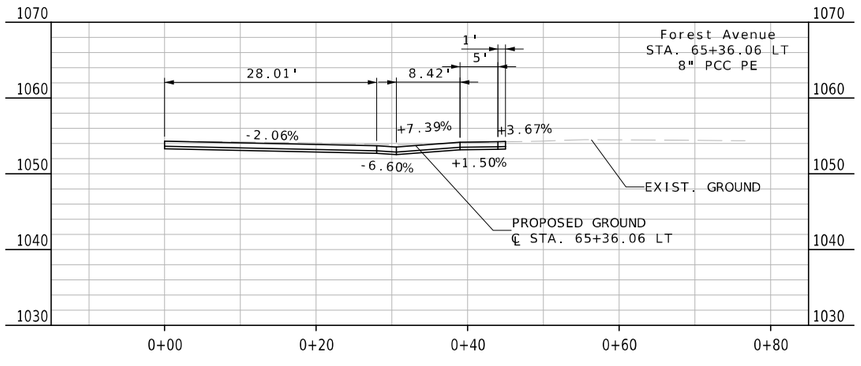
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

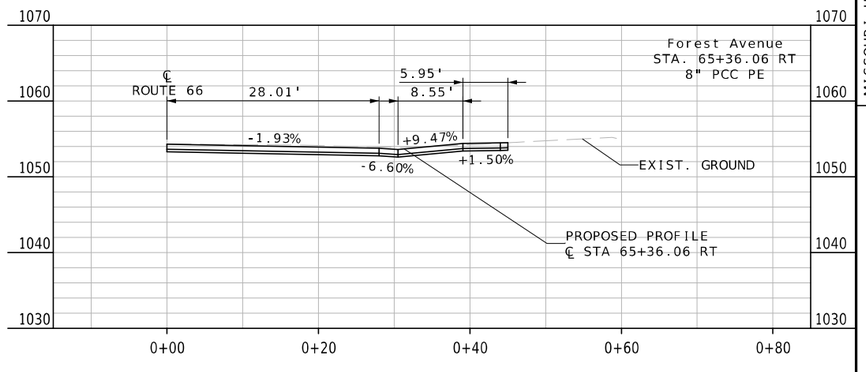
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
SIDE STREET PROFILES
SHEET 5 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	58

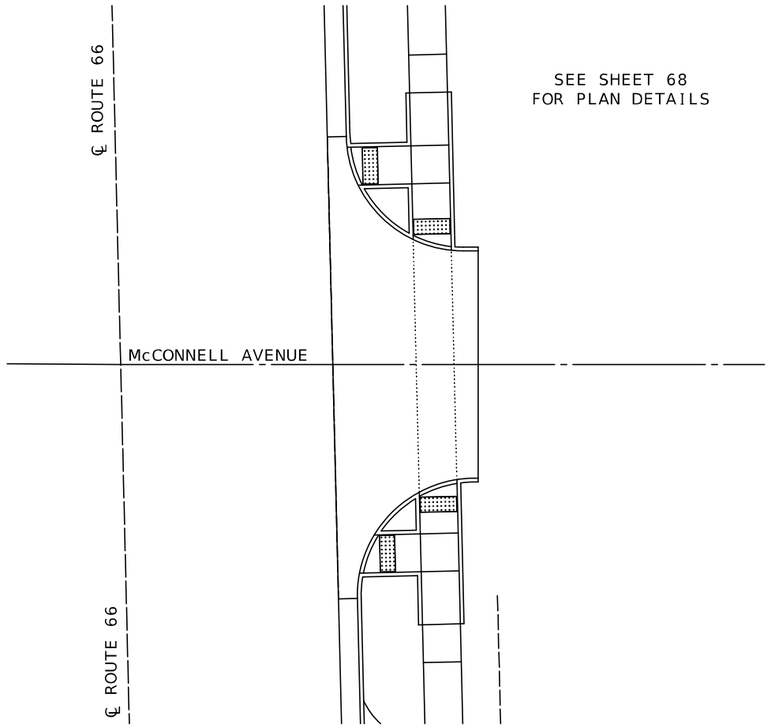
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

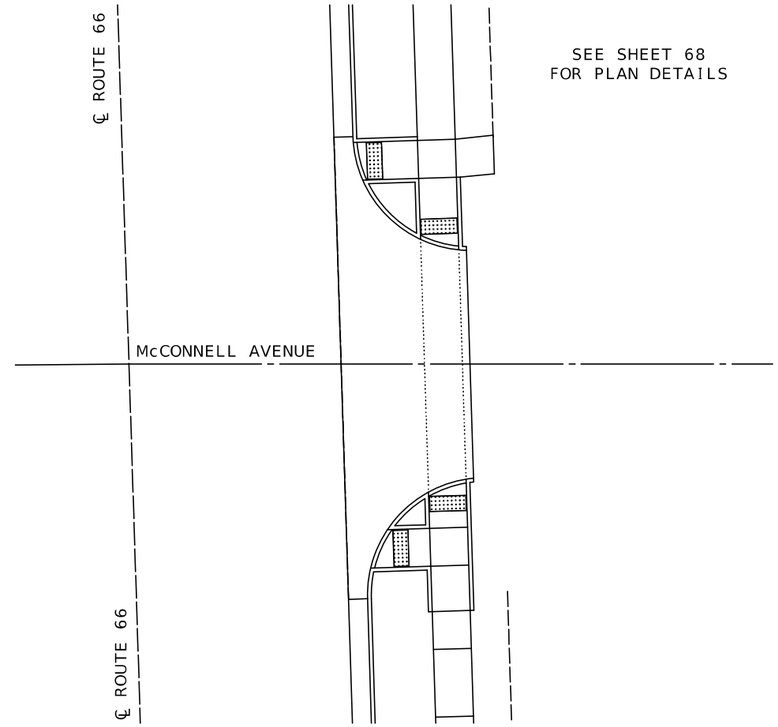
DESCRIPTION	DATE

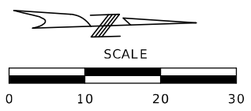
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

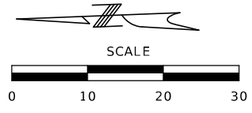
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

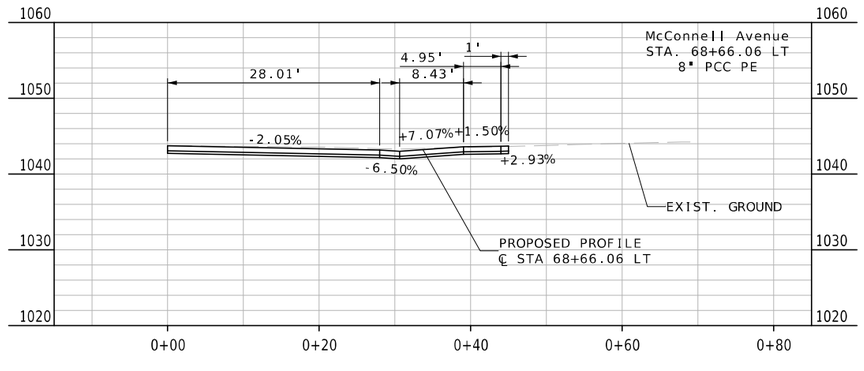
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

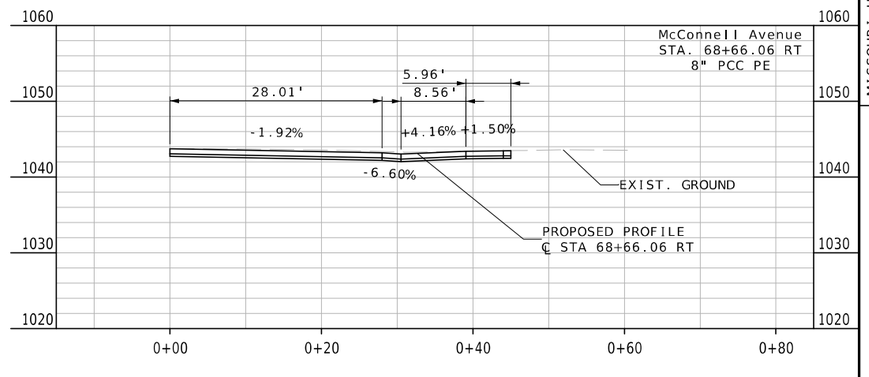












SPECIAL SHEETS
SIDE STREET PROFILES
SHEET 6 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

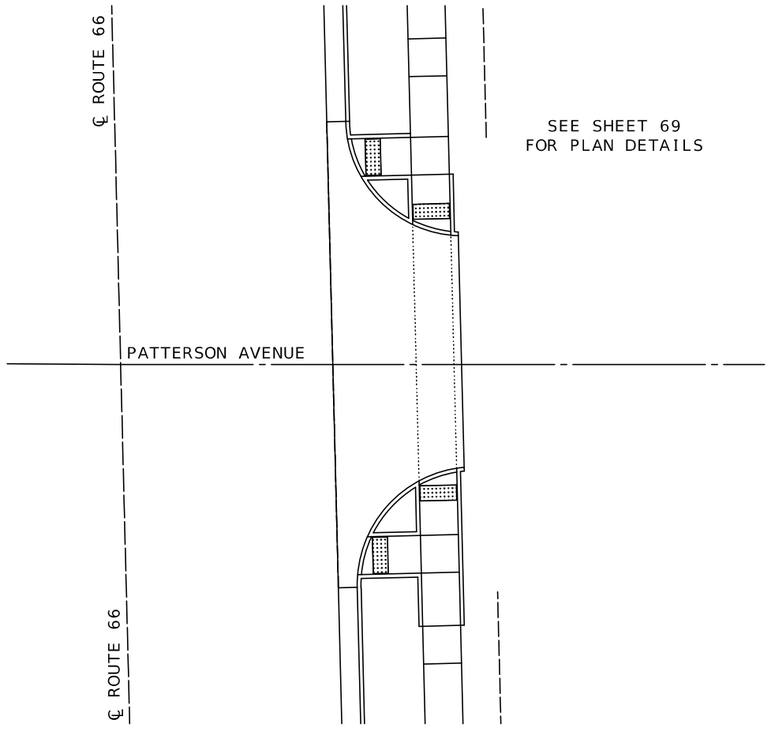
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

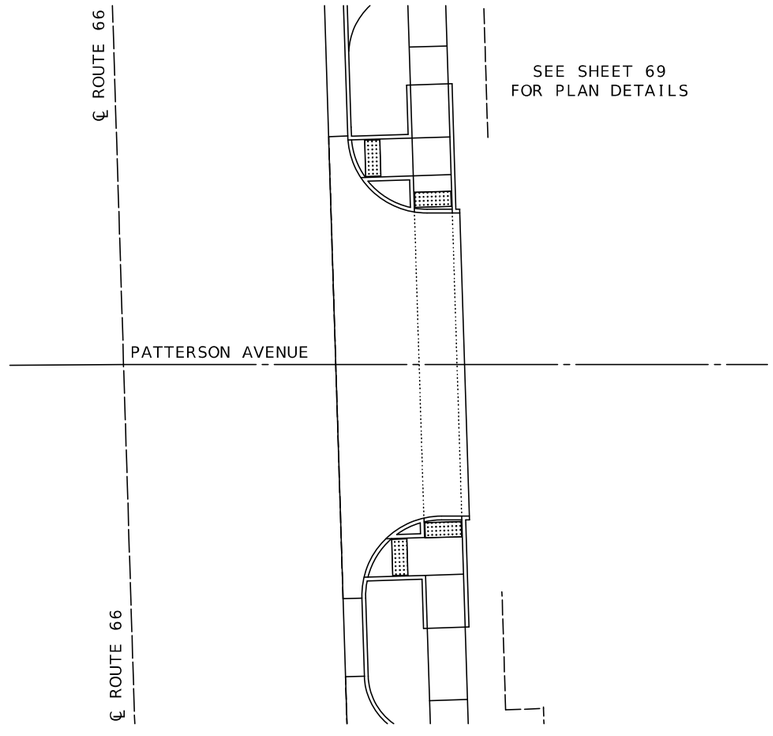
DATE PREPARED	
8/4/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	59
COUNTY	
JASPER	
JOB NO.	
J7S2185E,G	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

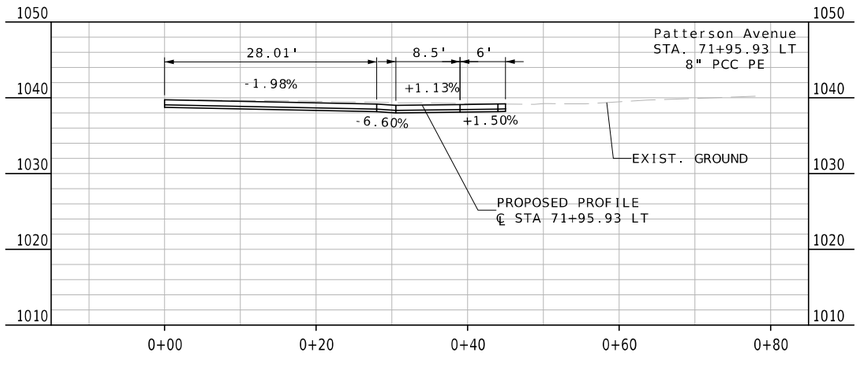
DESCRIPTION	DATE

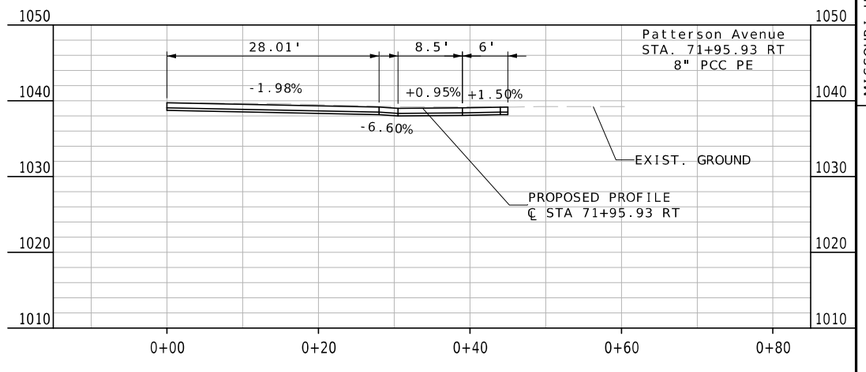
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
SIDE STREET PROFILES
SHEET 7 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	8/4/2025
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	60
COUNTY	JASPER
JOB NO.	J7S2185E,G
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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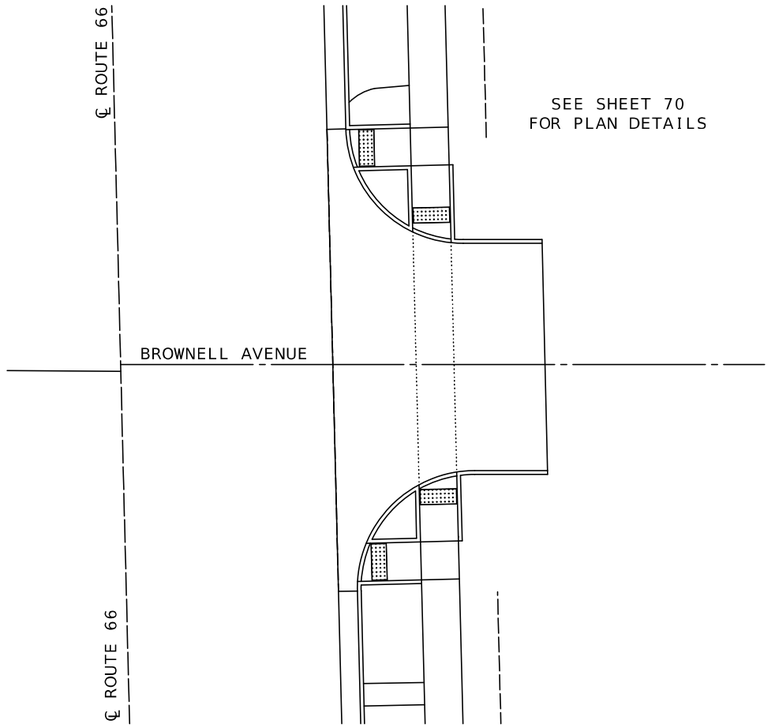
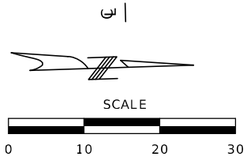
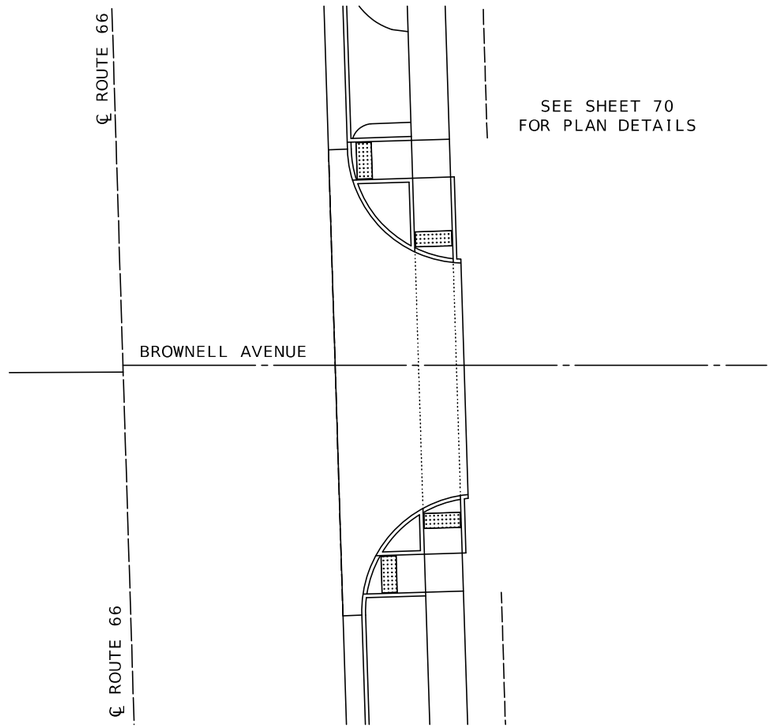
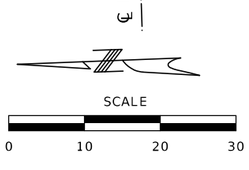
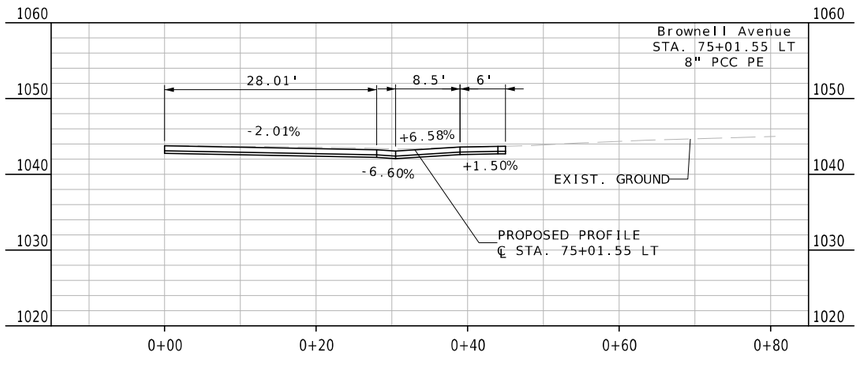
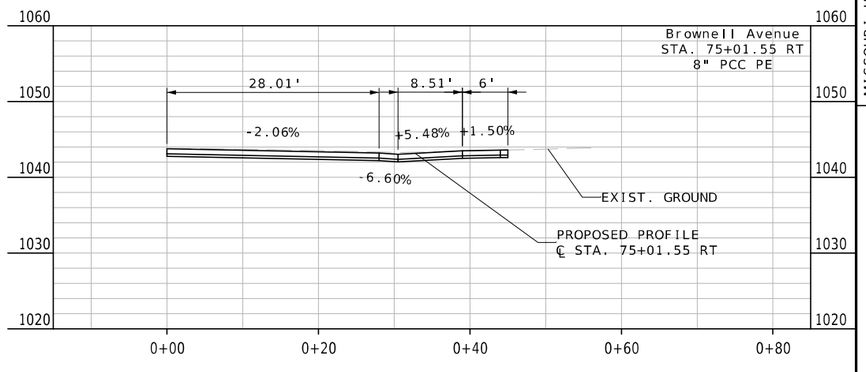












SPECIAL SHEET
SIDE STREET PROFILES
SHEET 8 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

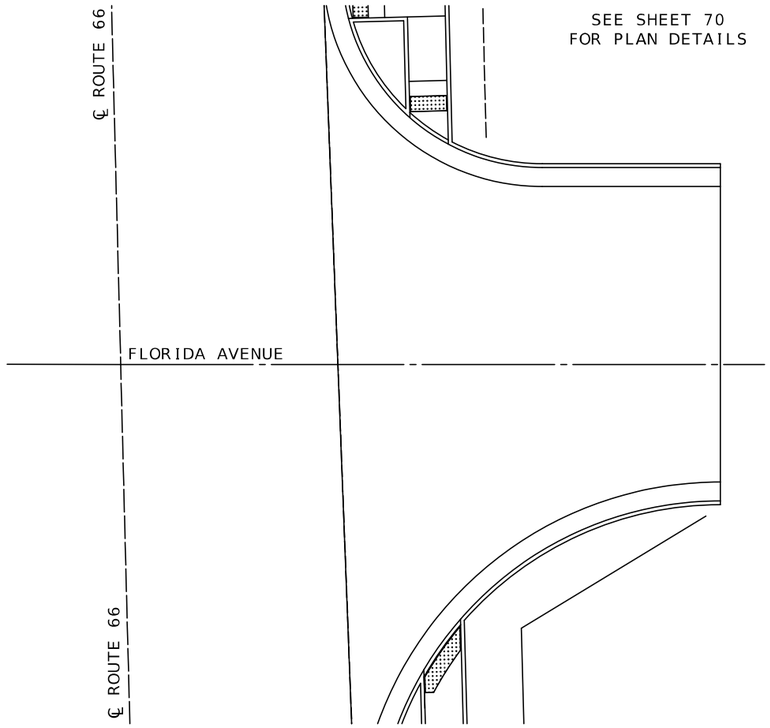
DATE PREPARED: 8/4/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 61
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

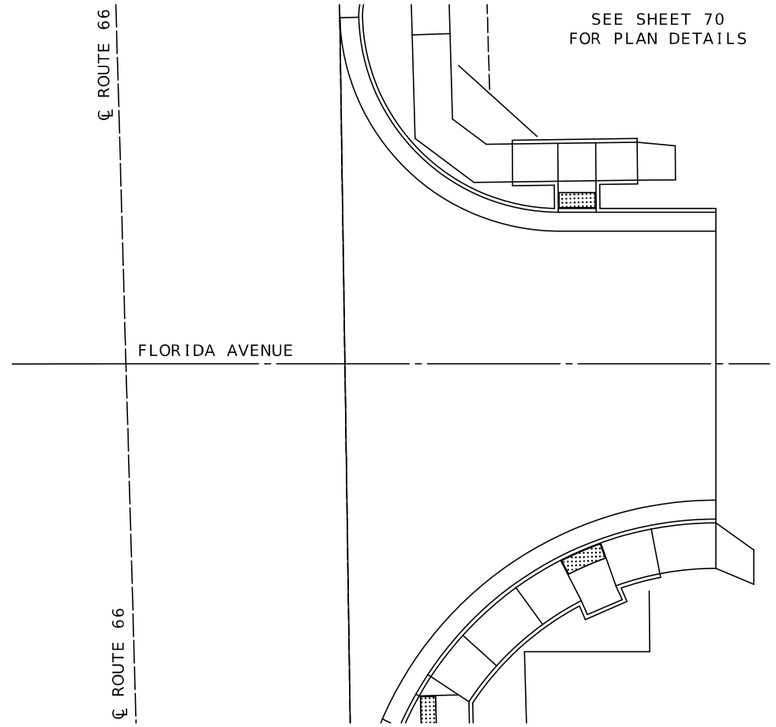
DESCRIPTION	DATE

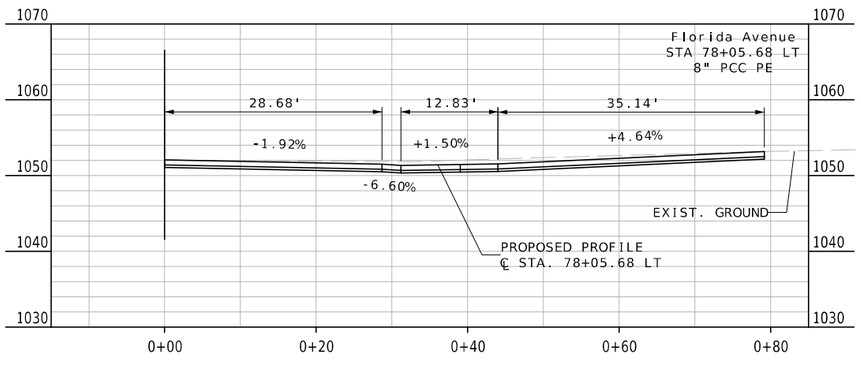
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

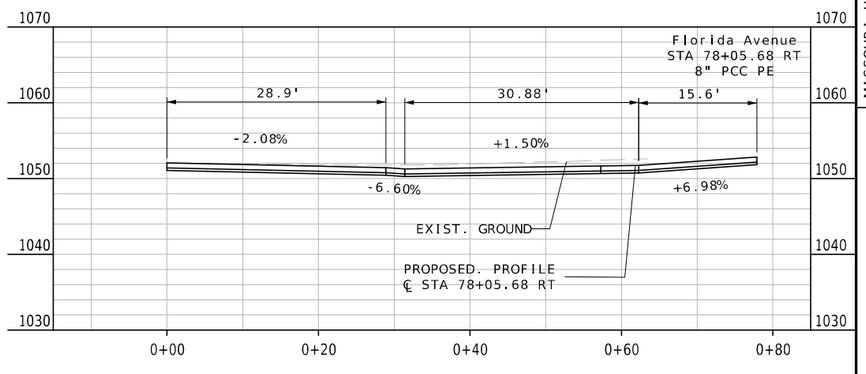
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









SPECIAL SHEET
SIDE STREET PROFILES
SHEET 9 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 62
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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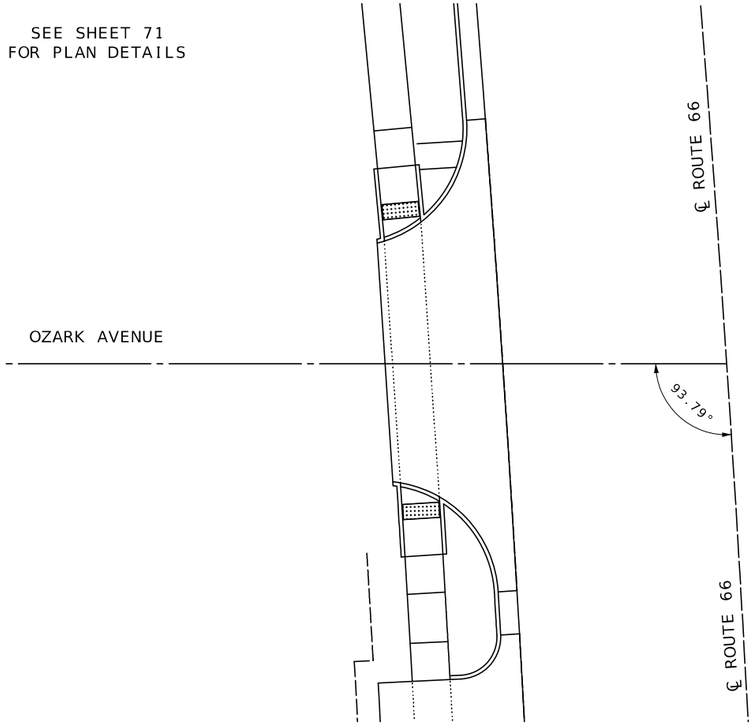
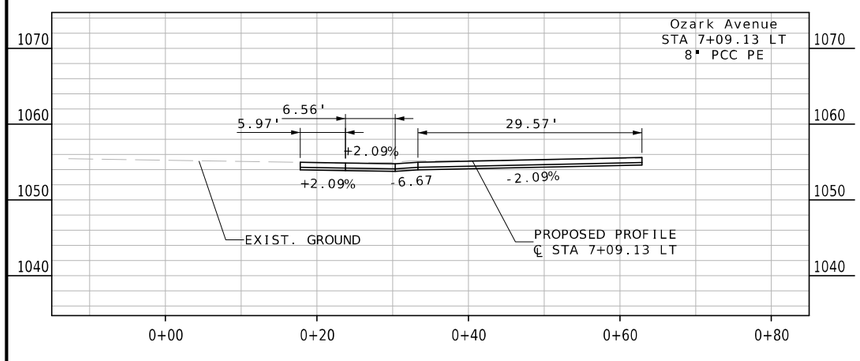
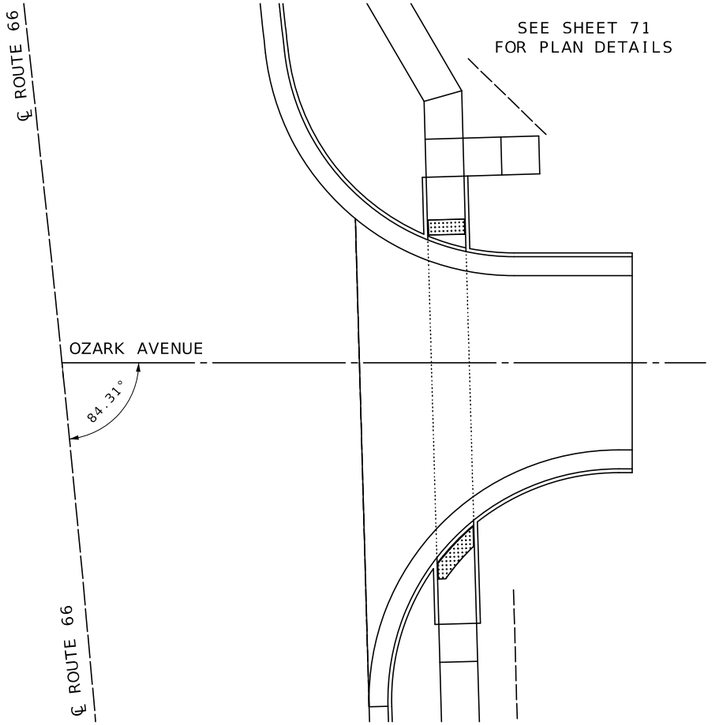
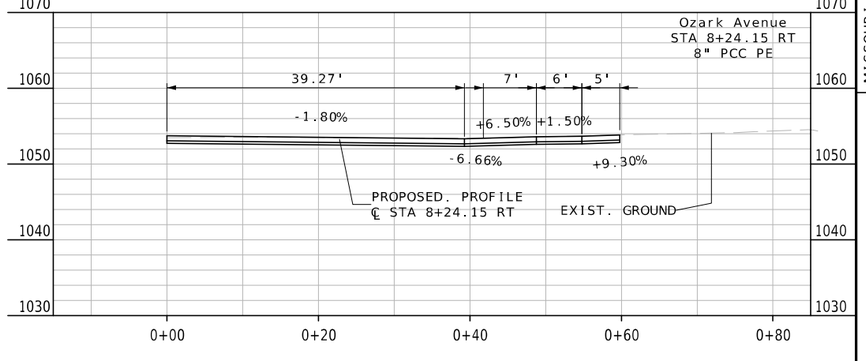
SEE SHEET 71
FOR PLAN DETAILS





SEE SHEET 71
FOR PLAN DETAILS





SPECIAL SHEET
SIDE STREET PROFILES
SHEET 10 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	8/4/2025
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	63
COUNTY	JASPER
JOB NO.	J7S2185E,G
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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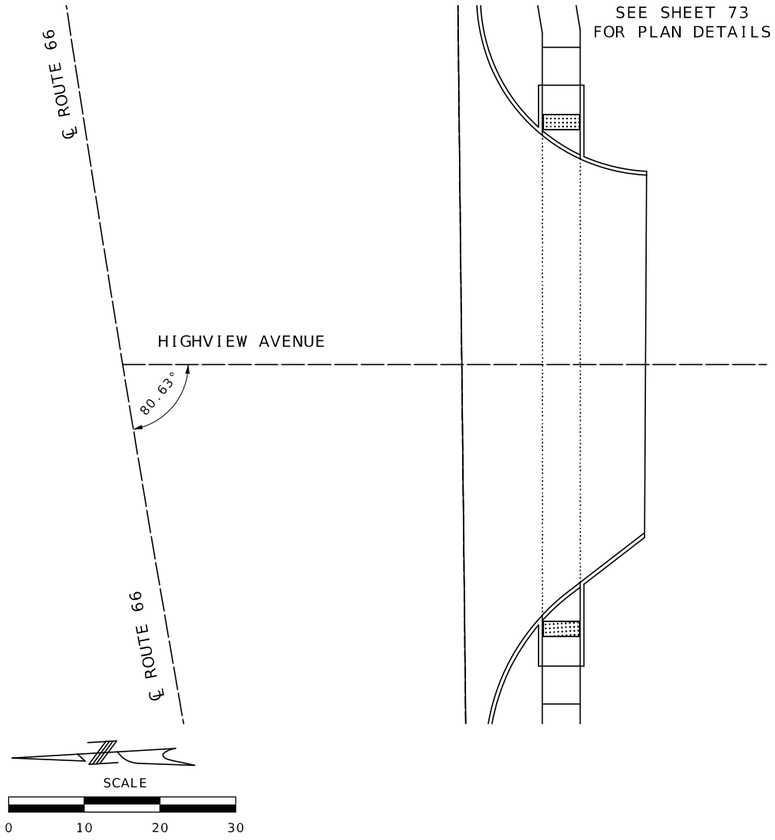

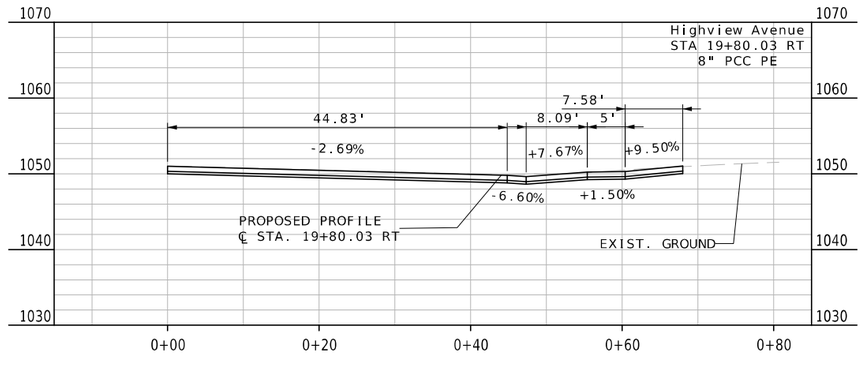

SPECIAL SHEET
SIDE STREET PROFILES
SHEET 11 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	64

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROTE 66 ALIGNMENT.
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	51+37.98	44.00'	LT	333976.673	2790359.597
WB02	51+37.98	39.00'	LT	333971.673	2790359.531
WB03	51+37.98	31.05'	LT	333963.721	2790359.427
WB04	51+42.98	44.00'	LT	333976.607	2790364.597
WB05	51+42.98	39.00'	LT	333971.608	2790364.531
WB06	51+42.98	31.45'	LT	333964.062	2790364.432
WB07	51+57.42	44.00'	LT	333976.418	2790379.036
WB08	51+57.42	39.00'	LT	333971.419	2790378.970
WB09	51+63.42	44.00'	LT	333976.340	2790385.035
WB10	51+63.42	39.00'	LT	333971.340	2790384.970
WB11	51+65.55	39.00'	LT	333971.312	2790387.097
WB12	51+72.91	44.00'	LT	333931.649	2790394.524

50

ROUTE 66				
POINT	ELEVATION	TYPE	ROAD	QUADRANT
1	1026.77'	PI	ST. LOUIS AVE	NW
2	1025.45'	1/4	ST. LOUIS AVE	NW
3	1024.13'	1/2	ST. LOUIS AVE	NW
4	1022.99'	1/4	ST. LOUIS AVE	NW
5	1022.03'	PI	ST. LOUIS AVE	NW
6	1027.80'	PI	ST. LOUIS AVE	NE
7	1026.66'	1/4	ST. LOUIS AVE	NE
8	1026.55'	1/2	ST. LOUIS AVE	NE
9	1027.42'	1/4	ST. LOUIS AVE	NE
10	1028.54'	PI	ST. LOUIS AVE	NE
11	1027.63'	PI	ST. LOUIS AVE	SE
12	1026.80'	1/4	ST. LOUIS AVE	SE
13	1026.06'	1/2	ST. LOUIS AVE	SE
14	1025.39'	1/4	ST. LOUIS AVE	SE
15	1024.82'	PI	ST. LOUIS AVE	SE
16	1021.51'	PI	ST. LOUIS AVE	SW
17	1022.59'	1/4	ST. LOUIS AVE	SW
18	1023.52'	1/2	ST. LOUIS AVE	SW
19	1023.86'	1/4	ST. LOUIS AVE	SW
20	1023.59'	PI	ST. LOUIS AVE	SW

CENTER POINT
STA 51+35.61
OFF 91.00' LT

63.0' EDGE OF PAVEMENT RADIUS
TANGENT TO TWO LINES:
N 333960.705, E 2790357.022
N 334021.736, E 2790420.817

CENTER POINT
STA 53+16.35
OFF 106.00' LT

78.0' EDGE OF PAVEMENT RADIUS
TANGENT TO TWO LINES:
N 333958.898, E 2790537.594
N 334039.326, E 2790460.217

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB13	52+74.15	44.00'	LT	333975.214	2790495.513
WB14	52+82.65	39.00'	LT	333970.150	2790503.973
WB15	52+86.65	44.00'	LT	333975.120	2790508.010
WB16	52+86.65	39.00'	LT	333970.120	2790507.972
WB17	52+94.65	44.00'	LT	333975.060	2790516.010
WB18	52+94.65	39.00'	LT	333970.060	2790515.972

ST. LOUIS AVE

℄ ROUTE 66 (7TH STREET)

S89°34'11"E

POT STA EQ1 52+16.40

MATCHLINE STA. 54+17.50

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	51+29.98	30.00'	RT	333893.785	2790350.510
EB02	51+29.98	44.00'	RT	333888.785	2790350.444
EB03	51+37.98	32.95'	RT	333899.734	2790358.588
EB04	51+37.98	39.00'	RT	333893.680	2790358.509
EB05	51+37.98	44.00'	RT	333888.681	2790358.444
EB06	51+42.98	34.32'	RT	333898.290	2790363.570
EB07	51+42.98	39.00'	RT	333893.615	2790363.509
EB08	51+42.98	44.00'	RT	333888.615	2790363.443
EB09	51+51.32	39.00'	RT	333893.505	2790371.844
EB10	51+51.32	44.00'	RT	333888.506	2790371.778
EB11	51+54.34	39.00'	RT	333893.466	2790374.868
EB12	51+62.62	44.00'	RT	333888.358	2790383.084

CENTER POINT
STA 51+21.36
OFF 103.00' RT

75.0' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333826.936, E 2790415.988
N 333904.897, E 2790342.030

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB13	52+53.94	44.00'	RT	333887.368	2790474.642
EB14	52+61.30	39.00'	RT	333892.313	2790482.042
EB15	52+68.30	39.00'	RT	333892.260	2790489.042
EB16	52+68.30	44.00'	RT	333887.260	2790489.004
EB17	52+73.30	39.00'	RT	333892.217	2790494.041
EB18	52+73.30	44.00'	RT	333887.223	2790494.004

CENTER POINT
STA 52+91.24
OFF 91.00' RT

63.0' EDGE OF PAVEMENT RADIUS
TANGENT TO TWO LINES:
N 333842.582, E 2790448.633
N 333903.088, E 2790512.057

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 1 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 65
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROTE 66 ALIGNMENT.
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LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

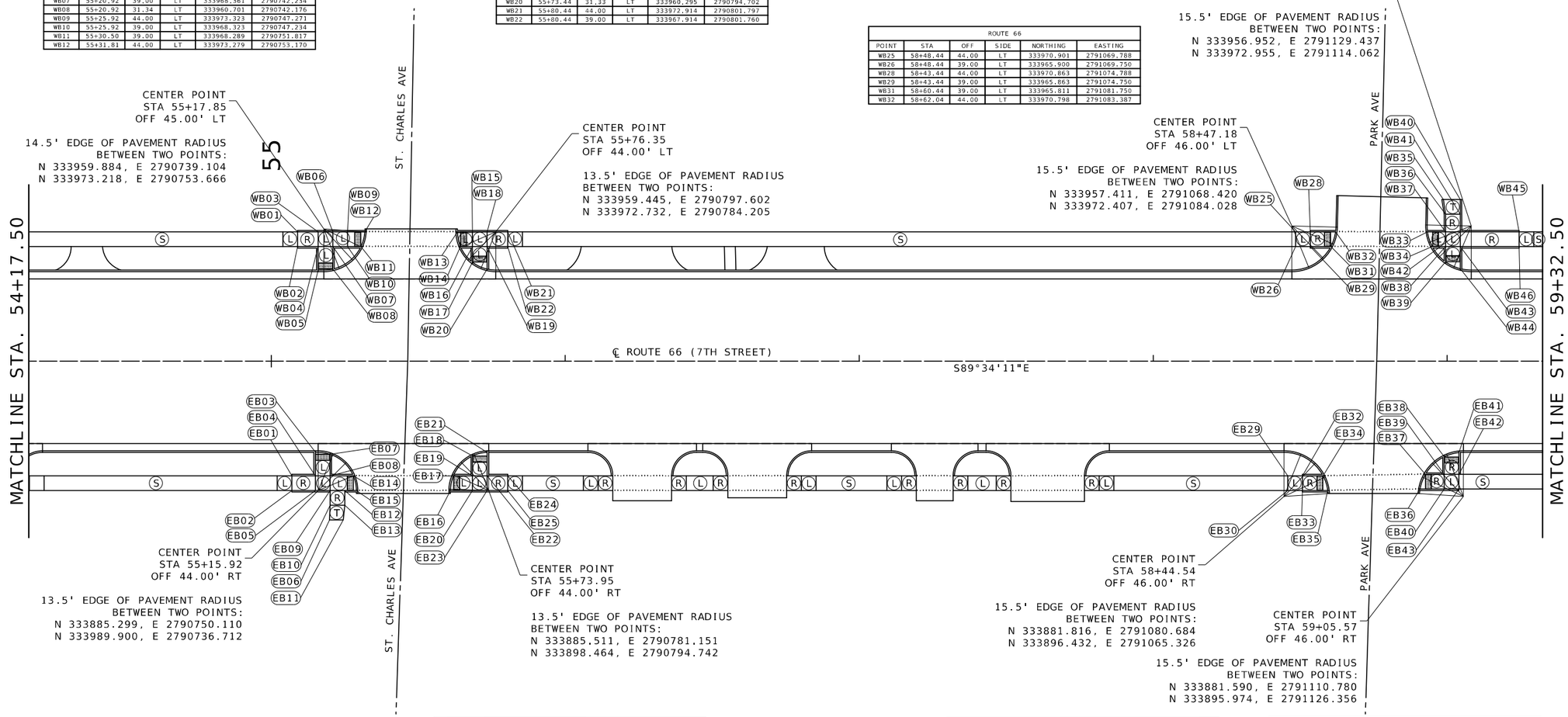
SCALE
0 20 40 60

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	55+08.92	44.00	LT	333973.451	2790730.272
WB02	55+08.92	39.00	LT	333968.451	2790730.234
WB03	55+15.92	44.00	LT	333973.398	2790737.271
WB04	55+15.92	39.00	LT	333968.398	2790737.234
WB05	55+15.92	31.00	LT	333960.299	2790737.174
WB06	55+20.92	44.00	LT	333973.361	2790742.271
WB07	55+20.92	39.00	LT	333968.361	2790742.234
WB08	55+20.92	31.34	LT	333960.701	2790742.176
WB09	55+25.92	44.00	LT	333973.323	2790747.271
WB10	55+25.92	39.00	LT	333968.323	2790747.234
WB11	55+30.50	39.00	LT	333968.289	2790751.817
WB12	55+31.81	44.00	LT	333973.279	2790753.170

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB13	55+63.35	44.00	LT	333973.042	2790784.703
WB14	55+64.35	39.00	LT	333968.035	2790785.666
WB15	55+68.44	44.00	LT	333973.004	2790789.798
WB16	55+68.44	39.00	LT	333968.004	2790789.760
WB17	55+68.44	33.68	LT	333962.684	2790789.720
WB18	55+73.44	44.00	LT	333972.966	2790794.760
WB19	55+73.44	39.00	LT	333967.966	2790794.760
WB20	55+73.44	31.33	LT	333960.295	2790794.702
WB21	55+80.44	44.00	LT	333972.914	2790801.797
WB22	55+80.44	39.00	LT	333967.914	2790801.760

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB25	58+48.44	44.00	LT	333970.901	2791069.788
WB26	58+48.44	39.00	LT	333965.900	2791069.750
WB28	58+43.44	44.00	LT	333970.863	2791074.788
WB29	58+43.44	39.00	LT	333965.863	2791074.750
WB31	58+60.44	39.00	LT	333965.811	2791081.750
WB32	58+62.04	44.00	LT	333970.798	2791083.387

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB33	58+93.33	44.00	LT	333970.563	2791114.673
WB34	58+94.93	39.00	LT	333965.552	2791116.235
WB35	58+98.71	55.00	LT	333981.523	2791120.136
WB36	58+99.47	50.00	LT	333976.517	2791120.859
WB37	58+99.47	44.00	LT	333970.517	2791120.817
WB38	58+99.48	39.00	LT	333965.517	2791120.782
WB39	58+99.48	33.79	LT	333960.310	2791120.746
WB40	59+04.47	55.00	LT	333981.480	2791125.894
WB41	59+04.47	50.00	LT	333976.480	2791125.859
WB42	59+04.47	44.00	LT	333970.480	2791125.817
WB43	59+04.48	39.00	LT	333965.480	2791125.782
WB44	59+04.48	31.47	LT	333957.947	2791125.730
WB45	59+24.47	44.00	LT	333970.330	2791145.817
WB46	59+24.48	39.00	LT	333965.330	2791145.782



ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	55+06.99	39.00	RT	333980.468	2790727.720
EB02	55+06.99	44.00	RT	333885.468	2790727.682
EB03	55+14.99	31.00	RT	333898.407	2790735.780
EB04	55+14.99	39.00	RT	333890.407	2790735.720
EB05	55+14.99	44.00	RT	333885.408	2790735.682
EB06	55+19.83	54.00	RT	333875.372	2790740.444
EB07	55+19.99	31.65	RT	333897.716	2790740.775
EB08	55+19.99	39.00	RT	333890.370	2790740.720
EB09	55+19.99	44.00	RT	333885.370	2790740.682
EB10	55+19.99	49.00	RT	333880.370	2790740.644
EB11	55+24.47	54.00	RT	333875.337	2790745.091
EB12	55+24.99	44.00	RT	333885.333	2790745.682
EB13	55+24.99	49.00	RT	333880.333	2790745.644
EB14	55+27.92	39.00	RT	333890.310	2790748.648
EB15	55+28.92	44.00	RT	333885.303	2790749.610

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB16	55+60.95	44.00	RT	333885.062	2790781.641
EB17	55+61.95	39.00	RT	333890.065	2790782.678
EB18	55+68.54	32.22	RT	333896.783	2790789.225
EB19	55+68.44	39.00	RT	333890.006	2790789.174
EB20	55+68.44	44.00	RT	333885.006	2790789.137
EB21	55+73.44	31.01	RT	333897.958	2790794.234
EB22	55+73.44	39.00	RT	333889.968	2790794.174
EB23	55+73.44	44.00	RT	333884.969	2790794.137
EB24	55+80.44	39.00	RT	333889.916	2790801.174
EB25	55+80.44	44.00	RT	333884.916	2790801.136

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB29	58+45.81	39.00	RT	333887.923	2791066.528
EB30	58+45.81	44.00	RT	333882.923	2791066.491
EB32	58+50.81	39.00	RT	333887.885	2791071.528
EB33	58+50.81	44.00	RT	333882.885	2791071.491
EB34	58+57.81	39.00	RT	333887.833	2791078.528
EB35	58+59.41	44.00	RT	333882.821	2791080.090

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB36	58+90.78	43.50	RT	333883.085	2791111.468
EB37	58+92.58	38.50	RT	333888.071	2791113.306
EB38	58+99.01	32.51	RT	333894.014	2791119.783
EB39	58+99.01	38.50	RT	333888.023	2791119.738
EB40	58+99.01	43.50	RT	333883.023	2791119.701
EB41	59+04.01	31.08	RT	333895.404	2791124.794
EB42	59+04.01	38.50	RT	333887.986	2791124.738
EB43	59+04.01	43.50	RT	333882.986	2791124.701

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 2 OF 9

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.
STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
10/2/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	66

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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LEGEND

(S) SIDEWALK

(R) RAMP

(L) LANDING

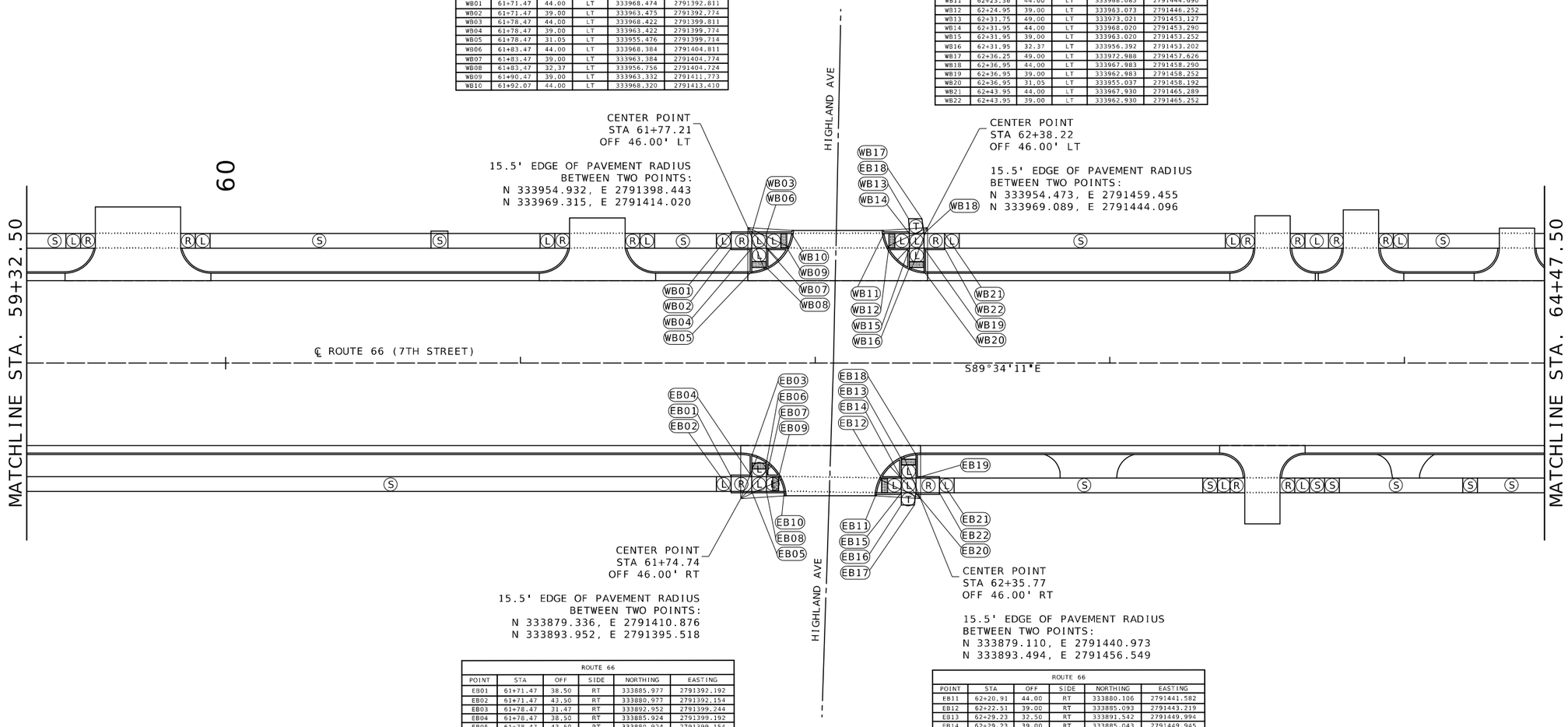
(T) TRANSITION

SCALE

0 20 40 60

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	61+71.47	44.00	LT	333968.474	2791392.811
WB02	61+71.47	39.00	LT	333963.475	2791392.774
WB03	61+78.47	44.00	LT	333968.422	2791399.811
WB04	61+78.47	39.00	LT	333963.422	2791399.774
WB05	61+78.47	31.05	LT	333955.476	2791399.714
WB06	61+83.47	44.00	LT	333968.384	2791404.811
WB07	61+83.47	39.00	LT	333963.384	2791404.774
WB08	61+83.47	32.37	LT	333956.756	2791404.724
WB09	61+90.47	39.00	LT	333963.332	2791411.773
WB10	61+92.07	44.00	LT	333968.320	2791413.410

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB11	62+23.36	44.00	LT	333968.085	2791444.690
WB12	62+24.95	39.00	LT	333963.073	2791446.252
WB13	62+31.75	49.00	LT	333973.021	2791453.127
WB14	62+31.95	44.00	LT	333968.020	2791453.290
WB15	62+31.95	39.00	LT	333963.020	2791453.252
WB16	62+31.95	32.37	LT	333956.392	2791453.202
WB17	62+36.25	49.00	LT	333972.988	2791457.626
WB18	62+36.95	44.00	LT	333967.983	2791458.290
WB19	62+36.95	39.00	LT	333962.983	2791458.252
WB20	62+36.95	31.05	LT	333955.037	2791458.192
WB21	62+43.95	44.00	LT	333967.930	2791465.289
WB22	62+43.95	39.00	LT	333962.930	2791465.252



ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	61+71.47	38.50	RT	333885.977	2791392.192
EB02	61+71.47	43.50	RT	333880.977	2791392.154
EB03	61+78.47	31.47	RT	333892.952	2791399.244
EB04	61+78.47	38.50	RT	333885.924	2791399.192
EB05	61+78.47	43.50	RT	333880.924	2791399.154
EB06	61+83.47	33.80	RT	333890.582	2791404.227
EB07	61+83.47	38.50	RT	333885.887	2791404.191
EB08	61+83.47	43.50	RT	333880.887	2791404.154
EB09	61+87.73	38.50	RT	333885.855	2791408.448
EB10	61+89.53	43.50	RT	333880.841	2791410.210

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB11	62+20.91	44.00	RT	333880.106	2791441.582
EB12	62+22.51	39.00	RT	333885.093	2791443.219
EB13	62+29.23	32.50	RT	333891.542	2791449.994
EB14	62+29.23	39.00	RT	333885.043	2791449.945
EB15	62+29.23	44.00	RT	333880.043	2791449.908
EB16	62+29.23	48.15	RT	333875.893	2791449.877
EB17	62+33.76	48.15	RT	333875.859	2791454.398
EB18	62+34.23	31.08	RT	333892.926	2791455.005
EB19	62+34.23	39.00	RT	333885.005	2791454.945
EB20	62+34.23	44.00	RT	333880.005	2791454.908
EB21	62+42.23	39.00	RT	333884.945	2791462.945
EB22	62+42.23	44.00	RT	333879.945	2791462.908

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 3 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	67

COUNTY JASPER

JOB NO. J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
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LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60

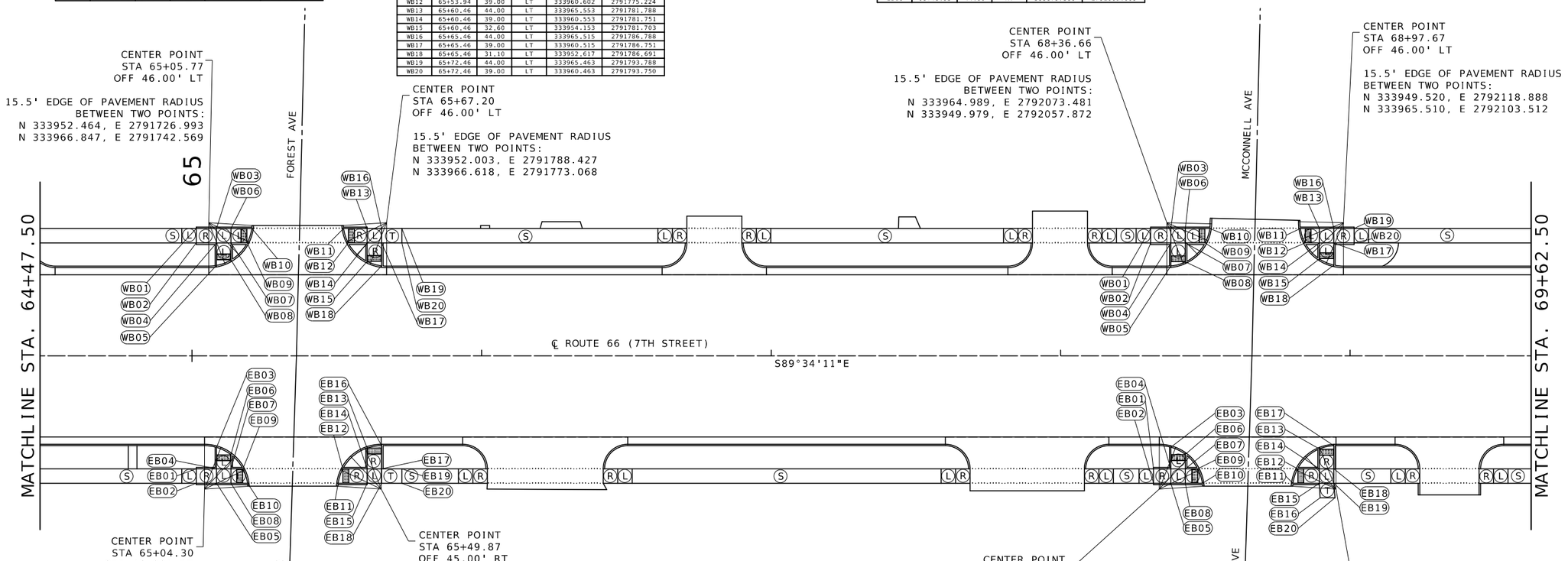
ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	65+01.47	44.00	LT	333965.996	2791722.796
WB02	65+01.47	39.00	LT	333960.996	2791722.759
WB03	65+08.47	44.00	LT	333965.943	2791729.796
WB04	65+08.47	39.00	LT	333960.943	2791729.758
WB05	65+08.47	31.25	LT	333953.189	2791729.700
WB06	65+13.47	44.00	LT	333965.906	2791734.796
WB07	65+13.47	39.00	LT	333960.906	2791734.758
WB08	65+13.47	33.13	LT	333955.034	2791734.714
WB09	65+19.03	39.00	LT	333960.864	2791740.323
WB10	65+20.63	44.00	LT	333965.852	2791741.960

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB11	65+52.34	44.00	LT	333965.614	2791773.662
WB12	65+53.94	39.00	LT	333960.602	2791775.224
WB13	65+60.46	44.00	LT	333965.553	2791781.788
WB14	65+60.46	39.00	LT	333960.553	2791781.751
WB15	65+60.46	32.60	LT	333954.153	2791781.703
WB16	65+65.46	44.00	LT	333965.515	2791786.788
WB17	65+65.46	39.00	LT	333960.515	2791786.751
WB18	65+65.46	31.10	LT	333952.617	2791786.691
WB19	65+72.46	44.00	LT	333965.463	2791793.788
WB20	65+72.46	39.00	LT	333960.463	2791793.750

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	65+01.47	39.00	RT	333882.998	2791722.173
EB02	65+01.47	44.00	RT	333877.998	2791722.135
EB03	65+08.47	31.59	RT	333890.355	2791729.228
EB04	65+08.47	39.00	RT	333882.946	2791729.173
EB05	65+08.47	44.00	RT	333877.946	2791729.135
EB06	65+13.47	34.13	RT	333887.781	2791734.209
EB07	65+13.47	39.00	RT	333882.908	2791734.172
EB08	65+13.47	44.00	RT	333877.908	2791734.135
EB09	65+17.57	39.00	RT	333882.877	2791738.272
EB10	65+19.17	44.00	RT	333877.865	2791739.834

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	68+32.12	39.00	RT	333880.515	2792052.810
EB02	68+32.12	44.00	RT	333875.515	2792052.773
EB03	68+38.12	31.55	RT	333887.918	2792058.866
EB04	68+38.12	39.00	RT	333880.470	2792058.810
EB05	68+38.12	44.00	RT	333875.470	2792058.772
EB06	68+43.12	34.02	RT	333885.409	2792063.847
EB07	68+43.12	39.00	RT	333880.432	2792063.810
EB08	68+43.12	44.00	RT	333875.432	2792063.772
EB09	68+47.35	39.00	RT	333881.400	2792068.046
EB10	68+48.95	44.00	RT	333875.388	2792069.608

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB11	68+80.25	44.00	RT	333875.153	2792100.905
EB12	68+81.85	39.00	RT	333880.141	2792102.542
EB13	68+89.35	32.15	RT	333886.932	2792110.093
EB14	68+89.35	39.00	RT	333880.085	2792110.042
EB15	68+89.35	44.00	RT	333875.085	2792110.005
EB16	68+89.64	49.00	RT	333870.083	2792110.261
EB17	68+94.35	31.02	RT	333888.028	2792115.102
EB18	68+94.35	39.00	RT	333880.047	2792115.042
EB19	68+94.35	44.00	RT	333875.047	2792115.004
EB20	68+94.73	49.00	RT	333870.045	2792115.344



ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	68+31.12	44.00	LT	333963.520	2792052.434
WB02	68+31.12	39.00	LT	333958.520	2792052.396
WB03	68+38.12	44.00	LT	333963.467	2792059.433
WB04	68+38.12	39.00	LT	333958.468	2792059.396
WB05	68+38.12	31.07	LT	333950.539	2792059.336
WB06	68+43.12	44.00	LT	333963.430	2792064.433
WB07	68+43.12	39.00	LT	333958.430	2792064.396
WB08	68+43.12	32.46	LT	333951.893	2792064.347
WB09	68+49.92	39.00	LT	333958.379	2792071.202
WB10	68+51.52	44.00	LT	333963.367	2792072.839

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB11	68+82.81	44.00	LT	333963.132	2792104.124
WB12	68+84.41	39.00	LT	333958.120	2792105.686
WB13	68+89.35	44.00	LT	333963.083	2792110.665
WB14	68+89.35	39.00	LT	333958.083	2792110.628
WB15	68+89.35	33.52	LT	333952.605	2792110.587
WB16	68+94.35	44.00	LT	333963.045	2792115.665
WB17	68+94.35	39.00	LT	333958.045	2792115.628
WB18	68+94.35	31.37	LT	333950.418	2792115.570
WB19	69+01.35	44.00	LT	333962.992	2792122.665
WB20	69+01.35	39.00	LT	333957.993	2792122.628

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 4 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	68

COUNTY
JASPER
JOB NO.
J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

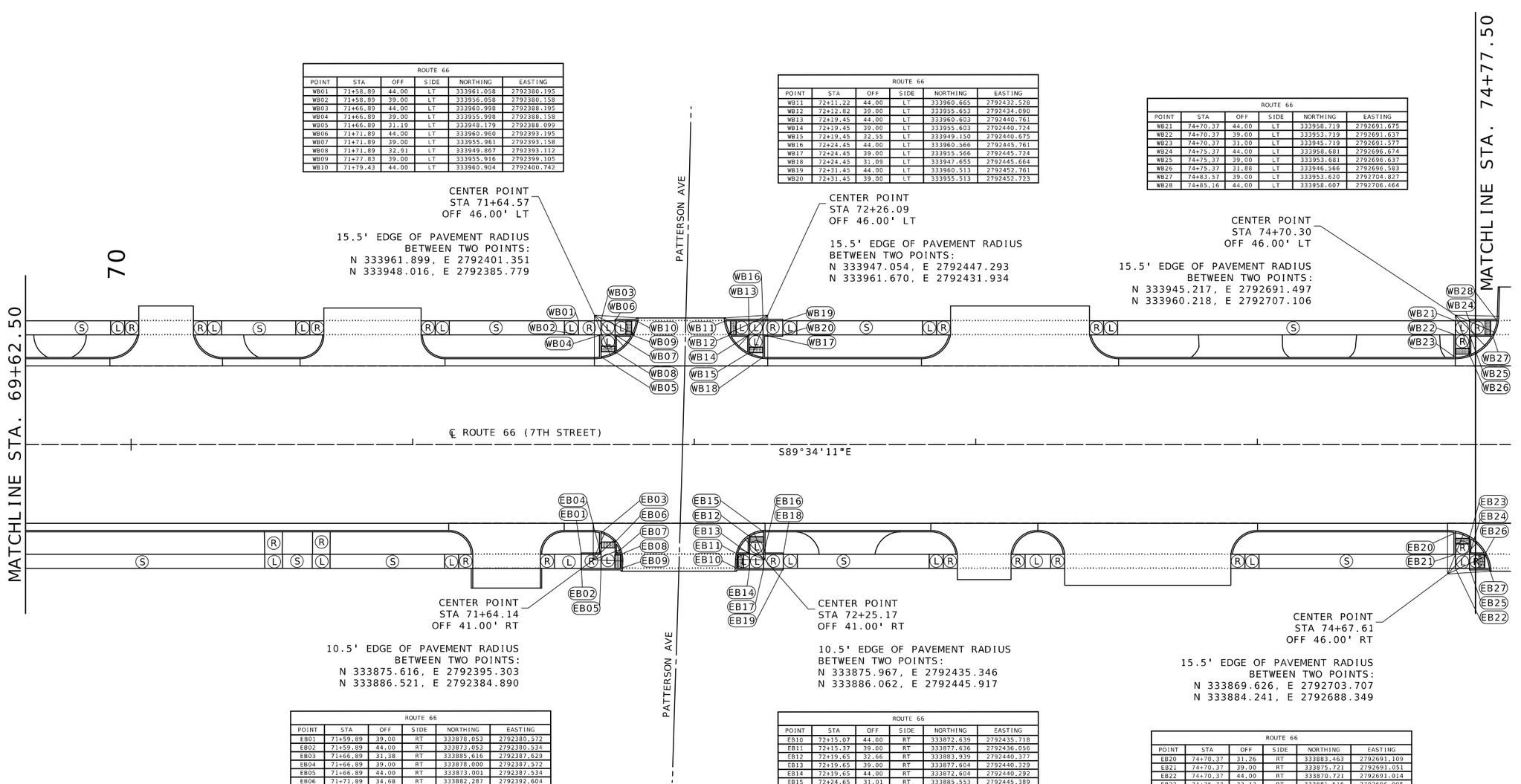
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROTE 66 ALIGNMENT.
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60



ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	71+58.89	44.00	LT	333961.058	2792380.195
WB02	71+58.89	39.00	LT	333956.058	2792380.158
WB03	71+66.89	44.00	LT	333960.998	2792388.195
WB04	71+66.89	39.00	LT	333955.998	2792388.158
WB05	71+66.89	31.19	LT	333948.179	2792388.099
WB06	71+71.89	44.00	LT	333960.960	2792393.195
WB07	71+71.89	39.00	LT	333955.961	2792393.158
WB08	71+71.89	32.91	LT	333949.867	2792393.112
WB09	71+77.83	39.00	LT	333955.916	2792399.105
WB10	71+79.43	44.00	LT	333960.904	2792400.742

CENTER POINT
STA 71+64.57
OFF 46.00' LT

15.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333961.899, E 2792401.351
N 333948.016, E 2792385.779

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB11	72+11.22	44.00	LT	333960.665	2792432.528
WB12	72+12.82	39.00	LT	333955.653	2792434.090
WB13	72+19.45	44.00	LT	333960.603	2792440.761
WB14	72+19.45	39.00	LT	333955.603	2792440.724
WB15	72+19.45	32.55	LT	333949.150	2792440.675
WB16	72+24.45	44.00	LT	333960.566	2792445.761
WB17	72+24.45	39.00	LT	333955.566	2792445.724
WB18	72+24.45	31.09	LT	333947.655	2792445.664
WB19	72+31.45	44.00	LT	333960.513	2792452.761
WB20	72+31.45	39.00	LT	333955.513	2792452.723

CENTER POINT
STA 72+26.09
OFF 46.00' LT

15.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333947.054, E 2792447.293
N 333961.670, E 2792431.934

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB21	74+70.37	44.00	LT	333958.719	2792691.675
WB22	74+70.37	39.00	LT	333953.719	2792691.637
WB23	74+70.37	31.00	LT	333945.719	2792691.577
WB24	74+75.37	44.00	LT	333958.681	2792696.674
WB25	74+75.37	39.00	LT	333953.681	2792696.637
WB26	74+75.37	31.88	LT	333946.566	2792696.583
WB27	74+83.57	39.00	LT	333953.620	2792704.827
WB28	74+85.16	44.00	LT	333958.607	2792706.464

CENTER POINT
STA 74+70.30
OFF 46.00' LT

15.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333945.217, E 2792691.497
N 333960.218, E 2792707.106

CENTER POINT
STA 71+64.14
OFF 41.00' RT

10.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333875.616, E 2792395.303
N 333886.521, E 2792384.890

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	71+59.89	39.00	RT	333878.053	2792380.572
EB02	71+59.89	44.00	RT	333873.053	2792380.534
EB03	71+66.89	31.38	RT	333885.616	2792387.629
EB04	71+66.89	39.00	RT	333878.000	2792387.572
EB05	71+66.89	44.00	RT	333873.001	2792387.534
EB06	71+71.89	34.68	RT	333882.287	2792392.604
EB07	71+71.89	39.00	RT	333877.963	2792392.572
EB08	71+73.94	39.00	RT	333877.947	2792394.624
EB09	71+74.05	44.00	RT	333872.947	2792394.700

CENTER POINT
STA 72+25.17
OFF 41.00' RT

10.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333875.967, E 2792435.346
N 333886.062, E 2792445.917

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB10	72+15.07	44.00	RT	333872.639	2792435.718
EB11	72+15.37	39.00	RT	333877.636	2792436.056
EB12	72+19.65	32.66	RT	333883.939	2792440.377
EB13	72+19.65	39.00	RT	333877.604	2792440.329
EB14	72+19.65	44.00	RT	333872.604	2792440.292
EB15	72+24.65	31.01	RT	333885.553	2792445.389
EB16	72+24.65	39.00	RT	333877.567	2792445.329
EB17	72+24.65	44.00	RT	333872.567	2792445.291
EB18	72+31.65	39.00	RT	333877.514	2792452.329
EB19	72+31.65	44.00	RT	333872.514	2792452.291

CENTER POINT
STA 74+67.61
OFF 46.00' RT

15.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333869.626, E 2792703.707
N 333884.241, E 2792688.349

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB20	74+70.37	31.26	RT	333883.463	2792691.109
EB21	74+70.37	39.00	RT	333875.721	2792691.051
EB22	74+70.37	44.00	RT	333870.721	2792691.014
EB23	74+75.37	33.17	RT	333881.516	2792696.095
EB24	74+75.37	39.00	RT	333875.683	2792696.051
EB25	74+75.37	44.00	RT	333870.684	2792696.014
EB26	74+80.87	39.00	RT	333875.642	2792701.551
EB27	74+82.47	44.00	RT	333870.630	2792703.113

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 5 OF 9

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.
STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	69

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROTE 66 ALIGNMENT.
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

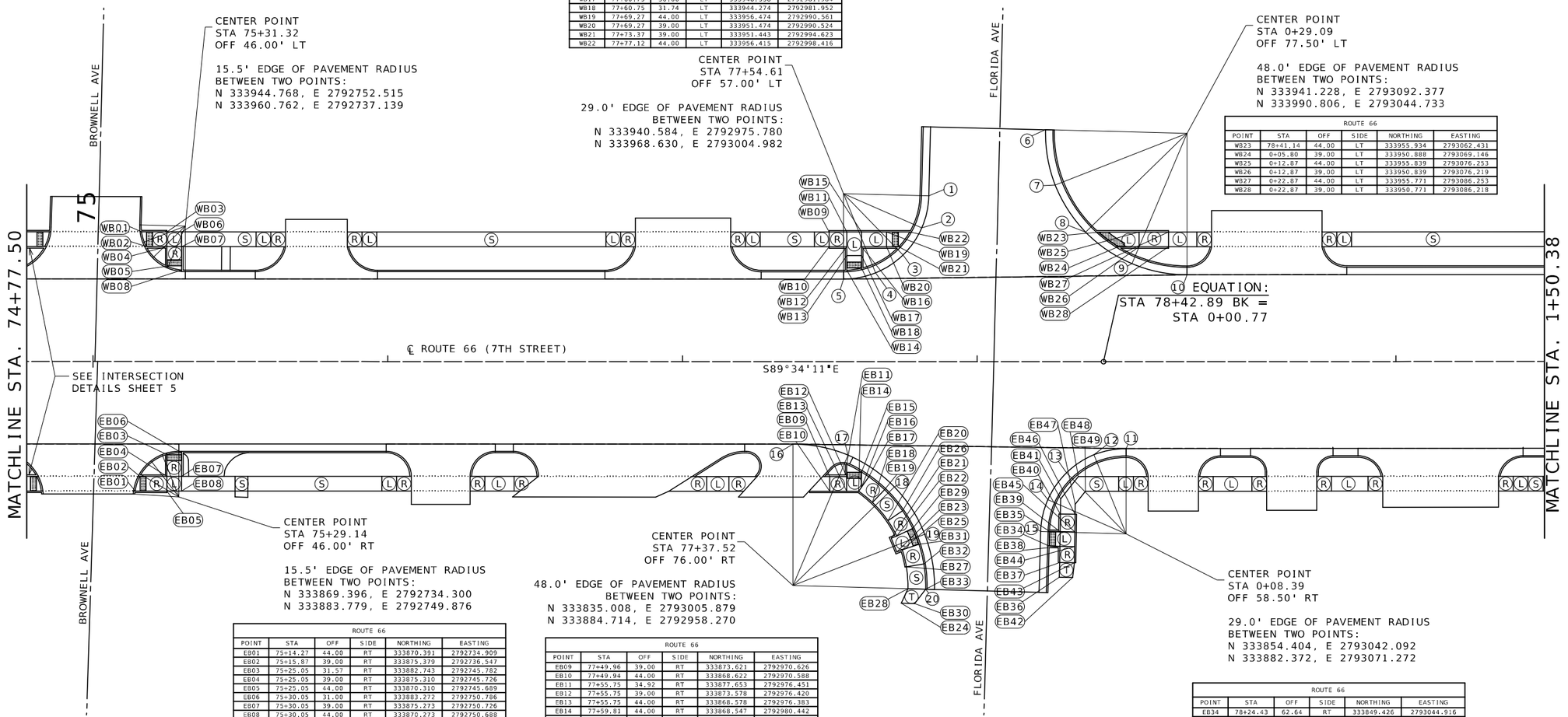
LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	75+16.45	44.00	LT	333958.373	2792737.750
WB02	75+18.05	39.00	LT	333953.361	2792739.312
WB03	75+25.05	44.00	LT	333958.308	2792746.350
WB04	75+25.05	39.00	LT	333953.308	2792746.312
WB05	75+25.05	32.37	LT	333946.680	2792746.262
WB06	75+30.05	44.00	LT	333958.270	2792751.349
WB07	75+30.05	39.00	LT	333953.271	2792751.312
WB08	75+30.05	31.05	LT	333945.324	2792751.252

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB09	77+49.75	44.00	LT	333956.620	2792971.044
WB10	77+49.75	39.00	LT	333951.620	2792971.006
WB11	77+55.75	44.00	LT	333956.575	2792977.044
WB12	77+55.75	39.00	LT	333951.575	2792977.006
WB13	77+55.75	36.00	LT	333948.575	2792976.984
WB14	77+55.75	31.03	LT	333943.601	2792976.946
WB15	77+60.75	44.00	LT	333956.538	2792982.044
WB16	77+60.75	39.00	LT	333951.538	2792982.006
WB17	77+60.75	36.00	LT	333948.538	2792981.984
WB18	77+60.75	31.74	LT	333944.274	2792981.952
WB19	77+69.27	44.00	LT	333956.474	2792990.561
WB20	77+69.27	39.00	LT	333951.474	2792990.524
WB21	77+73.37	39.00	LT	333951.443	2792994.623
WB22	77+77.12	44.00	LT	333956.415	2792998.416

ROUTE 66					
POINT	ELEVATION	TYPE	ROAD	QUADRANT	
1	1051.49'	PI	FLORIDA AVE	NW	
2	1051.63'	1/4	FLORIDA AVE	NW	
3	1050.68'	1/2	FLORIDA AVE	NW	
4	1051.09'	1/4	FLORIDA AVE	NW	
5	1049.98'	PI	FLORIDA AVE	NE	
6	1052.91'	PI	FLORIDA AVE	NE	
7	1052.66'	1/4	FLORIDA AVE	NE	
8	1053.35'	1/2	FLORIDA AVE	NE	
9	1052.89'	1/4	FLORIDA AVE	NE	
10	1053.37'	PI	FLORIDA AVE	NE	
11	1052.77'	PI	FLORIDA AVE	SE	
12	1052.49'	1/4	FLORIDA AVE	SE	
13	1052.35'	1/2	FLORIDA AVE	SE	
14	1052.33'	1/4	FLORIDA AVE	SE	
15	1052.41'	PI	FLORIDA AVE	SE	
16	1049.49'	PI	FLORIDA AVE	SW	
17	1050.11'	1/4	FLORIDA AVE	SW	
18	1050.74'	1/2	FLORIDA AVE	SW	
19	1051.37'	1/4	FLORIDA AVE	SW	
20	1051.99'	PI	FLORIDA AVE	SW	



ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	75+14.27	44.00	RT	333870.391	2792734.909
EB02	75+15.87	39.00	RT	333875.379	2792736.547
EB03	75+25.05	31.57	RT	333882.743	2792745.782
EB04	75+25.05	39.00	RT	333875.310	2792745.726
EB05	75+25.05	44.00	RT	333870.310	2792745.689
EB06	75+30.05	31.00	RT	333883.272	2792750.786
EB07	75+30.05	39.00	RT	333875.273	2792750.726
EB08	75+30.05	44.00	RT	333870.273	2792750.688

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB09	77+49.96	39.00	RT	333873.621	2792970.626
EB10	77+49.94	44.00	RT	333868.622	2792970.588
EB11	77+55.75	34.92	RT	333877.653	2792976.451
EB12	77+55.75	39.00	RT	333873.578	2792976.420
EB13	77+55.75	44.00	RT	333868.578	2792976.383
EB14	77+59.81	44.00	RT	333868.547	2792980.442
EB15	77+60.75	37.46	RT	333878.078	2792981.432
EB16	77+60.75	42.65	RT	333869.890	2792981.393
EB17	77+63.24	39.08	RT	333873.444	2792983.909
EB18	77+64.45	47.79	RT	333864.718	2792985.054
EB19	77+68.60	43.45	RT	333869.026	2792989.230
EB20	77+69.73	54.02	RT	333858.455	2792990.288
EB21	77+70.86	59.96	RT	333852.507	2792991.375
EB22	77+72.72	59.21	RT	333853.236	2792993.237
EB23	77+72.72	64.60	RT	333847.851	2792993.198
EB24	77+74.27	82.03	RT	333830.406	2792994.612
EB25	77+74.58	63.86	RT	333848.581	2792995.060
EB26	77+74.69	50.64	RT	333861.800	2792995.269
EB27	77+76.00	69.68	RT	333842.748	2792996.440
EB28	77+76.50	77.09	RT	333835.328	2792996.884
EB29	77+78.14	56.63	RT	333855.778	2792998.672
EB30	77+78.80	82.16	RT	333830.245	2792999.144
EB31	77+80.28	61.99	RT	333850.406	2793000.776
EB32	77+81.92	68.71	RT	333843.676	2793002.368
EB33	77+82.50	77.26	RT	333835.115	2793002.881

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB23	78+41.14	44.00	LT	333955.934	2793062.431
WB24	0+05.80	39.00	LT	333950.888	2793069.146
WB25	0+12.87	44.00	LT	333955.839	2793076.253
WB26	0+12.87	39.00	LT	333950.839	2793076.219
WB27	0+22.87	44.00	LT	333955.771	2793086.253
WB28	0+22.87	39.00	LT	333950.771	2793086.218

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB34	78+24.43	62.64	RT	333849.426	2793044.916
EB35	78+24.57	57.64	RT	333854.423	2793045.094
EB36	78+27.91	73.20	RT	333838.835	2793048.323
EB37	78+28.01	68.20	RT	333843.833	2793048.459
EB38	78+28.09	62.70	RT	333849.331	2793048.581
EB39	78+28.16	57.70	RT	333854.330	2793048.691
EB40	78+28.25	51.70	RT	333860.329	2793048.823
EB41	78+28.33	46.60	RT	333865.428	2793048.935
EB42	78+32.42	73.28	RT	333838.718	2793052.833
EB43	78+33.01	68.29	RT	333843.703	2793053.458
EB44	78+33.09	62.80	RT	333849.202	2793053.579
EB45	78+33.16	57.80	RT	333854.201	2793053.689
EB46	78+33.25	51.80	RT	333860.200	2793053.821
EB47	78+33.30	48.38	RT	333863.617	2793053.896
EB48	78+34.35	39.00	RT	333872.983	2793055.018
EB49	78+36.77	44.00	RT	333867.967	2793057.398

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 6 OF 9

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.
STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	70

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROTE 66 ALIGNMENT.
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	6+86.29	44.00	LT	333953.586	2793748.084
WB02	6+86.29	39.00	LT	333948.588	2793748.236
WB03	6+93.37	39.00	LT	333948.794	2793755.233
WB04	6+95.63	44.00	LT	333953.860	2793757.316

CENTER POINT
STA 6+80.87
OFF 47.50' LT

15.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333941.441, E 2793743.054
N 333954.883, E 2793757.998

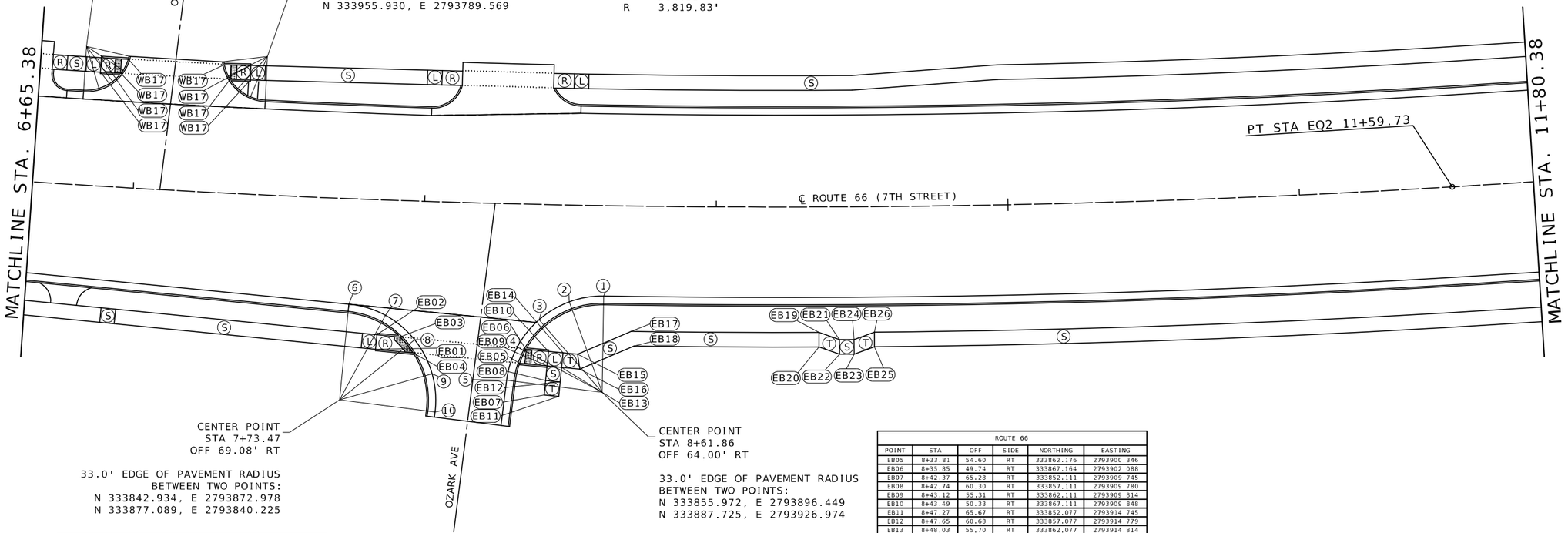
ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB05	7+29.04	43.96	LT	333954.989	2793790.318
WB06	7+31.28	39.01	LT	333950.133	2793792.733
WB07	7+38.24	44.17	LT	333955.569	2793799.400
WB08	7+38.35	39.17	LT	333950.580	2793799.719

CENTER POINT
STA 7+43.79
OFF 47.50' LT

15.5' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333943.275, E 2793805.427
N 333955.930, E 2793789.569

PI	8+56.10
PC	5+51.17
PT	11+59.73
Δ	9°7'41.4" (LT)
D	1°29'59.8"
L	608.56' (ARC)
T	304.93'
R	3,819.83'

ROUTE 66				
POINT	ELEVATION	TYPE	ROAD	QUADRANT
1	1052.28'	PI	OZARK AVE	SE
2	1052.50'	1/4	OZARK AVE	SE
3	1052.60'	1/2	OZARK AVE	SE
4	1052.73'	1/4	OZARK AVE	SE
5	1053.13'	PI	OZARK AVE	SE
6	1053.89'	PI	OZARK AVE	SW
7	1053.55'	1/4	OZARK AVE	SW
8	1053.45'	1/2	OZARK AVE	SW
9	1053.61'	1/4	OZARK AVE	SW
10	1054.01'	PI	OZARK AVE	SW



CENTER POINT
STA 7+73.47
OFF 69.08' RT

33.0' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333842.934, E 2793872.978
N 333877.089, E 2793840.225

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	7+84.99	51.25	RT	333862.517	2793850.738
EB02	7+85.29	46.26	RT	333867.517	2793850.773
EB03	7+93.21	46.76	RT	333867.461	2793858.807
EB04	7+97.79	52.07	RT	333862.427	2793863.742

CENTER POINT
STA 8+61.86
OFF 64.00' RT

33.0' EDGE OF PAVEMENT RADIUS
BETWEEN TWO POINTS:
N 333855.972, E 2793896.449
N 333887.725, E 2793926.974

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB05	8+33.81	54.60	RT	333862.176	2793900.346
EB06	8+35.85	49.74	RT	333867.164	2793902.088
EB07	8+42.37	65.28	RT	333852.111	2793909.745
EB08	8+42.74	60.30	RT	333857.111	2793909.780
EB09	8+43.12	55.31	RT	333862.111	2793909.814
EB10	8+43.49	50.33	RT	333867.111	2793909.848
EB11	8+47.27	65.67	RT	333852.077	2793914.745
EB12	8+47.65	60.68	RT	333857.077	2793914.779
EB13	8+48.03	55.70	RT	333862.077	2793914.814
EB14	8+48.41	50.71	RT	333867.076	2793914.848
EB15	8+53.33	51.10	RT	333867.042	2793919.848
EB16	8+54.19	56.19	RT	333862.033	2793921.087
EB17	8+71.39	43.00	RT	333876.487	2793937.477
EB18	8+72.43	48.00	RT	333871.583	2793938.911
EB19	9+35.06	43.00	RT	333881.972	2794001.626
EB20	9+35.07	48.00	RT	333876.995	2794002.106
EB21	9+41.99	45.50	RT	333880.145	2794008.836
EB22	9+41.99	50.50	RT	333875.168	2794009.316
EB23	9+46.92	50.50	RT	333875.648	2794014.293
EB24	9+46.93	45.50	RT	333880.625	2794013.813
EB25	9+53.84	48.00	RT	333878.818	2794021.016
EB26	9+53.85	43.00	RT	333883.795	2794020.536

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 7 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 71
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROTE 66 ALIGNMENT.
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

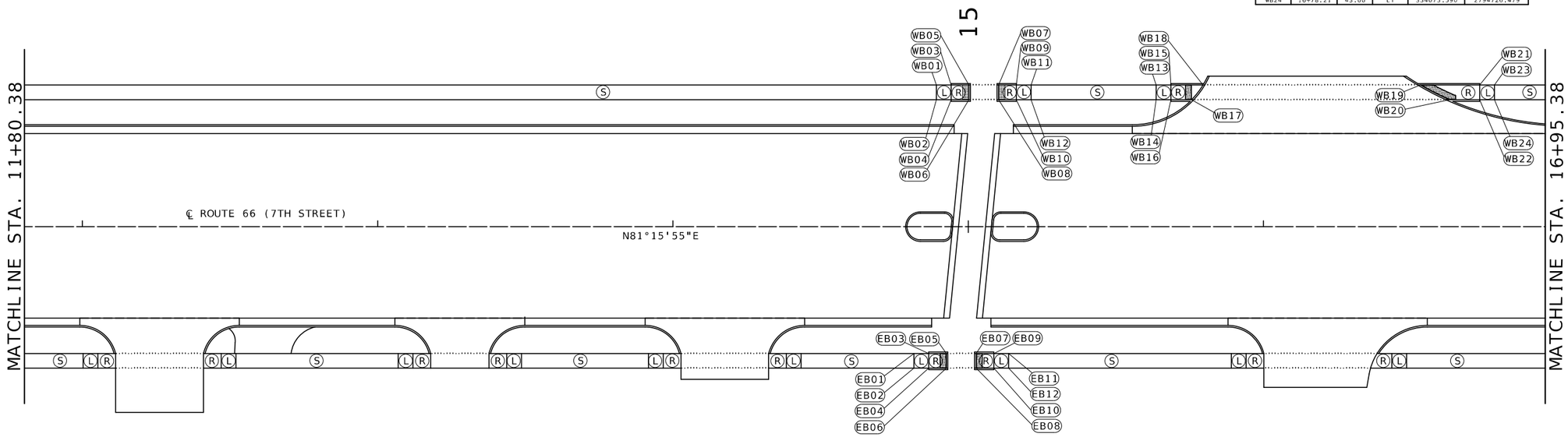
SCALE
0 20 40 60

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	14+89.21	48.00	LT	334049.831	2794538.915
WB02	14+89.21	43.00	LT	334044.889	2794539.674
WB03	14+94.21	48.00	LT	334050.591	2794543.857
WB04	14+94.21	43.00	LT	334045.649	2794544.616
WB05	15+00.21	48.00	LT	334051.502	2794549.787
WB06	15+00.21	43.00	LT	334046.560	2794550.546

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB07	15+10.28	48.00	LT	334053.031	2794559.738
WB08	15+10.28	43.00	LT	334048.089	2794560.497
WB09	15+16.28	48.00	LT	334053.942	2794565.669
WB10	15+16.28	43.00	LT	334049.000	2794566.428
WB11	15+21.28	48.00	LT	344054.701	2794570.611
WB12	15+21.28	43.00	LT	334049.759	2794571.370

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB13	15+63.65	48.00	LT	334061.135	2794612.488
WB14	15+63.65	43.00	LT	334056.193	2794613.248
WB15	15+68.65	48.00	LT	334061.895	2794617.430
WB16	15+68.65	43.00	LT	334056.953	2794618.190
WB17	15+75.65	43.00	LT	334058.016	2794625.108
WB18	15+79.51	48.00	LT	334063.544	2794628.164

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
WB19	16+53.13	48.00	LT	334074.723	2794700.929
WB20	16+62.96	43.00	LT	334071.275	2794711.407
WB21	16+73.21	48.00	LT	334077.773	2794720.777
WB22	16+73.21	43.00	LT	334072.831	2794721.537
WB23	16+78.21	48.00	LT	334078.532	2794725.719
WB24	16+78.21	43.00	LT	334073.590	2794726.479



ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	14+81.58	43.00	RT	333958.729	2794545.195
EB02	14+81.58	48.00	RT	333953.787	2794545.955
EB03	14+86.58	43.00	RT	333959.488	2794550.137
EB04	14+86.58	48.00	RT	333954.546	2794550.897
EB05	14+92.58	43.00	RT	333960.399	2794556.068
EB06	14+92.58	48.00	RT	333955.457	2794556.827

ROUTE 66					
POINT	STA	OFF	SIDE	NORTHING	EASTING
EB07	15+02.65	43.00	RT	333961.928	2794566.021
EB08	15+02.65	48.00	RT	333956.986	2794566.780
EB09	15+08.65	43.00	RT	333962.839	2794571.952
EB10	15+08.65	48.00	RT	333957.897	2794572.711
EB11	15+13.65	43.00	RT	333963.599	2794576.894
EB12	15+13.65	48.00	RT	333958.657	2794577.653

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 8 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/5/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 72
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

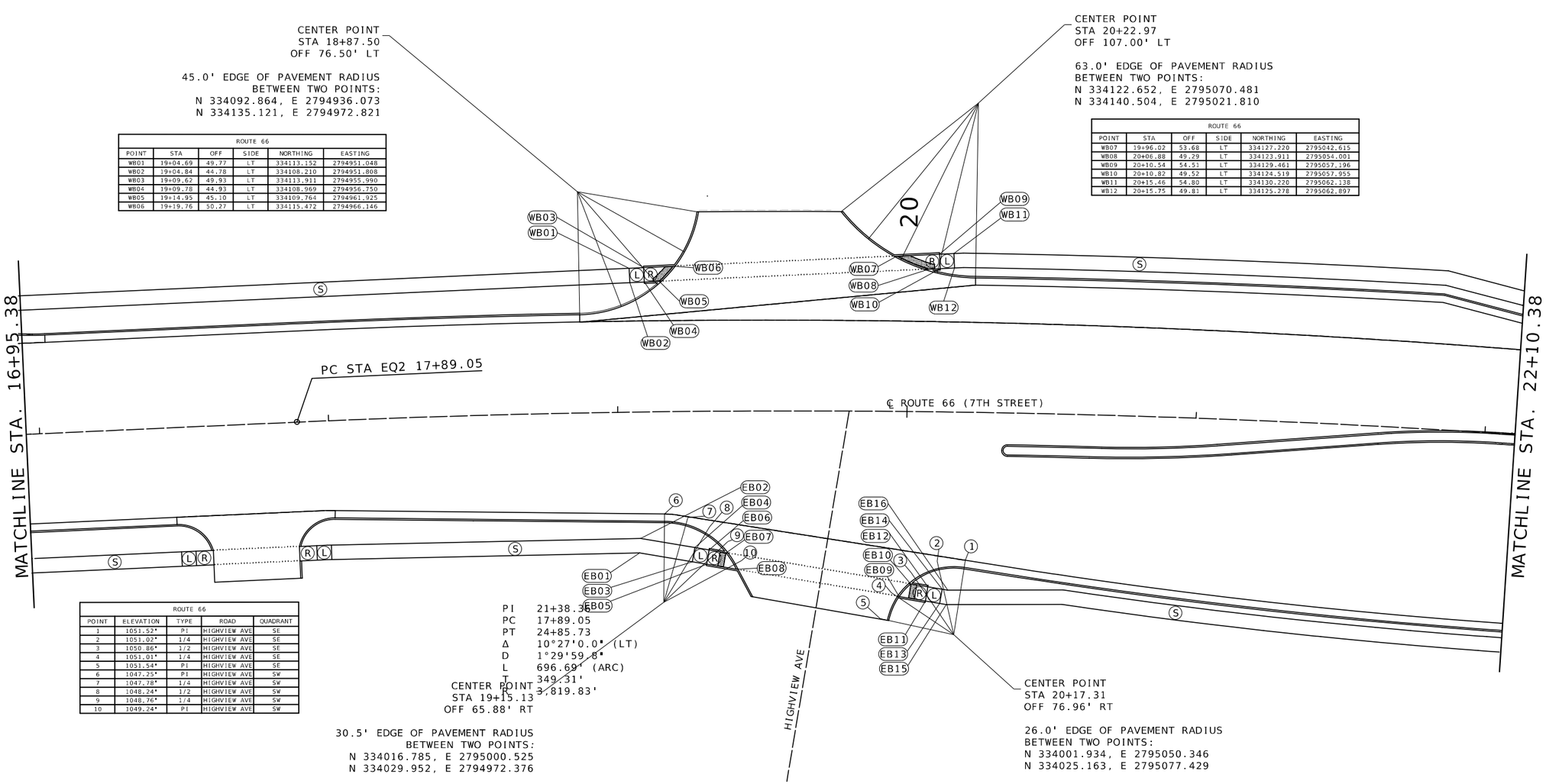
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GENERAL NOTES:
1. ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2%
2. ALL SIDEWALK RAMPS SHOULD HAVE A MAXIMUM SLOPE OF 8.33%
3. ALL LANDINGS SHOULD HAVE A SLOPE OF 1.5%
4. ALL STATION OFFSET LABELS REFERENCE THE ROTE 66 ALIGNMENT.
5. THE GUTTER PAN AT THE BASE OF CURB RAMPS SHALL BE 5% MAX, SEE MODOT STD. PLAN 608.50A. CONTRACTOR SHALL ENSURE CURB AND GUTTER HAS POSITIVE DRAINAGE AND MEETS ADA GUIDELINES AT CURB RAMP LOCATIONS

LEGEND
- (S) SIDEWALK
- (R) RAMP
- (L) LANDING
- (T) TRANSITION

SCALE
0 20 40 60



ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
WB01	19+04.69	49.77	LT	334113.152	2794951.048
WB02	19+04.84	44.78	LT	334108.210	2794951.808
WB03	19+09.62	49.93	LT	334113.911	2794955.990
WB04	19+09.78	44.93	LT	334108.969	2794956.750
WB05	19+14.95	45.10	LT	334109.764	2794961.925
WB06	19+19.76	50.27	LT	334115.472	2794966.146

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
WB07	19+96.02	53.68	LT	334127.220	2795042.615
WB08	20+06.88	49.29	LT	334123.911	2795054.001
WB09	20+10.54	54.51	LT	334129.461	2795057.196
WB10	20+10.82	49.52	LT	334124.519	2795057.955
WB11	20+15.46	54.80	LT	334130.220	2795062.138
WB12	20+15.75	49.81	LT	334125.278	2795062.897

ROUTE 66

POINT	ELEVATION	TYPE	ROAD	QUADRANT
1	1051.52'	PI	HIGHVIEW AVE	SE
2	1051.02'	1/4	HIGHVIEW AVE	SE
3	1050.86'	1/2	HIGHVIEW AVE	SE
4	1051.01'	1/4	HIGHVIEW AVE	SE
5	1051.54'	PI	HIGHVIEW AVE	SE
6	1047.25'	PI	HIGHVIEW AVE	SW
7	1047.78'	1/4	HIGHVIEW AVE	SW
8	1048.24'	1/2	HIGHVIEW AVE	SW
9	1048.76'	1/4	HIGHVIEW AVE	SW
10	1049.24'	PI	HIGHVIEW AVE	SW

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
EB01	19+06.89	48.74	RT	334015.641	2794965.211
EB02	19+07.33	43.73	RT	334020.661	2794965.037
EB03	19+25.32	52.02	RT	334014.543	2794983.658
EB04	19+26.21	47.10	RT	334019.534	2794983.955
EB05	19+30.31	52.89	RT	334014.246	2794988.649
EB06	19+31.19	47.97	RT	334019.237	2794988.946
EB07	19+37.18	49.01	RT	334018.880	2794994.936
EB08	19+40.72	54.69	RT	334013.626	2794999.049

ROUTE 66

POINT	STA	OFF	SIDE	NORTHING	EASTING
EB09	19+97.91	64.05	RT	334010.233	2795056.024
EB10	20+01.93	59.62	RT	334015.033	2795059.526
EB11	20+07.17	65.49	RT	334009.685	2795065.218
EB12	20+07.95	60.54	RT	334014.676	2795065.515
EB13	20+12.20	66.25	RT	334009.388	2795070.209
EB14	20+12.97	61.31	RT	334014.379	2795070.506
EB15	20+14.50	66.60	RT	334009.252	2795072.494
EB16	20+14.85	61.60	RT	334014.268	2795072.372

SPECIAL SHEET
SIDEWALK DETAILS
SHEET 9 OF 9

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

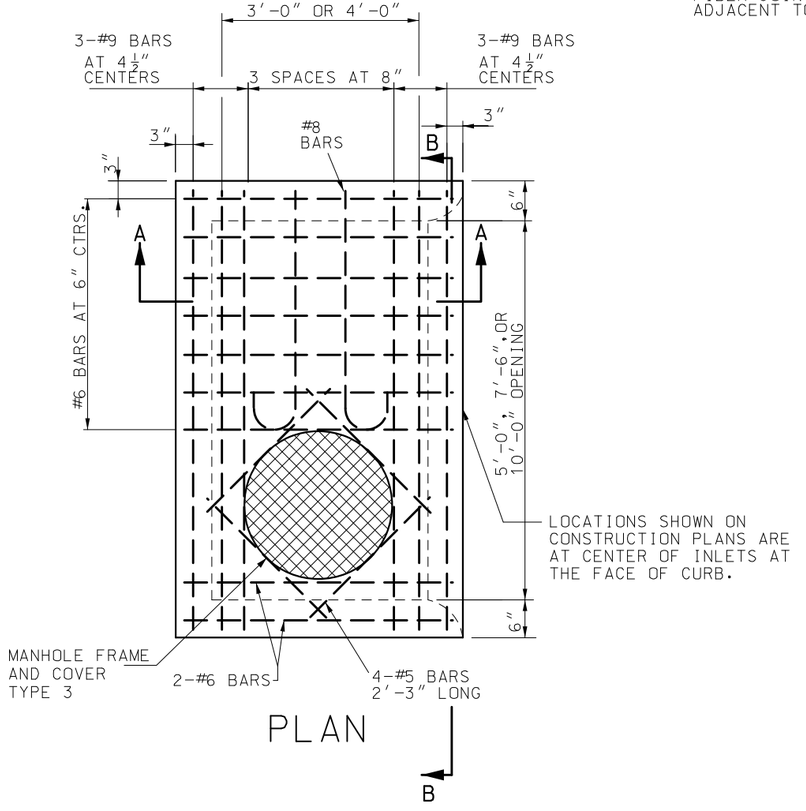
DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 73
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

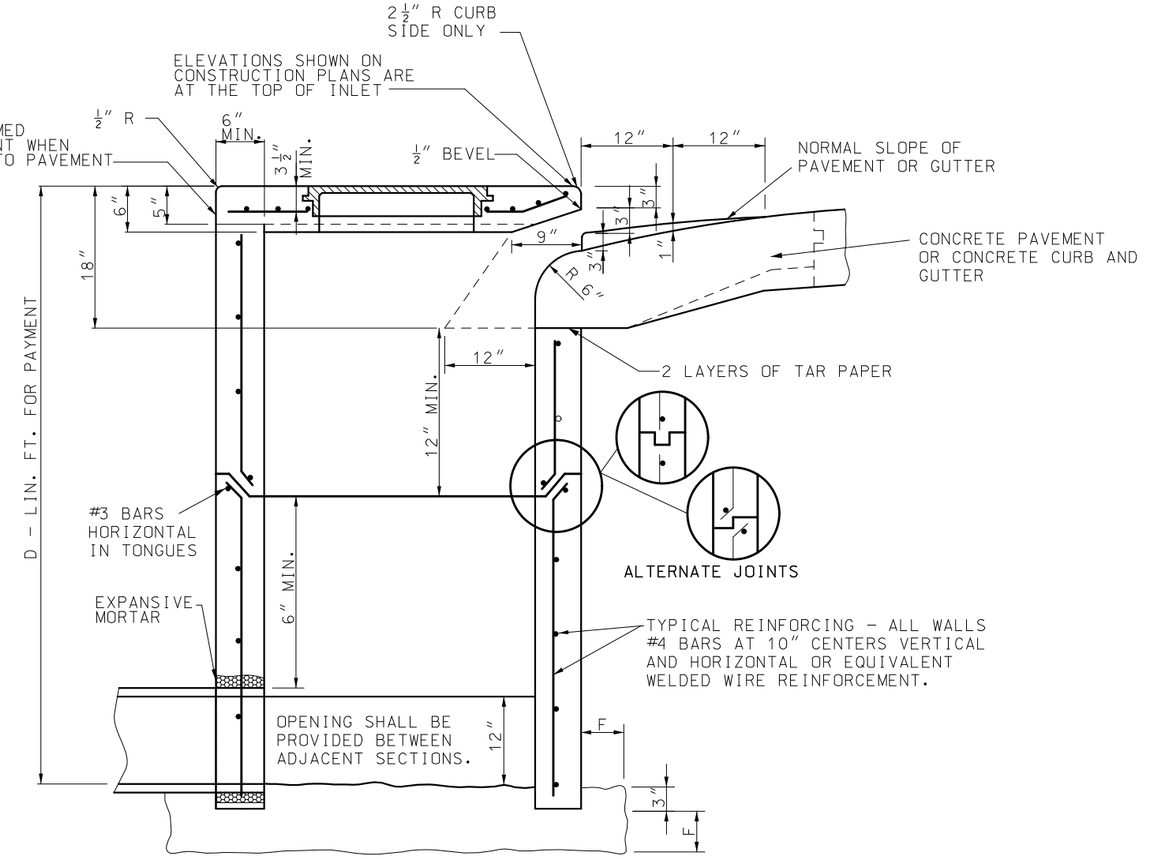
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

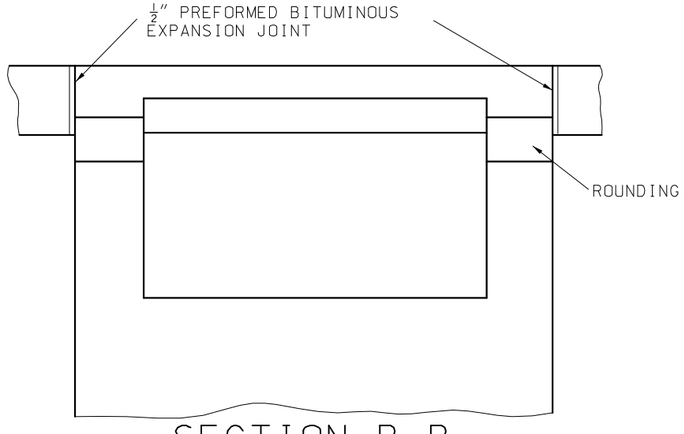


PLAN



F = 6″ FOR D's ≤ 6′.
F = 12″ FOR D's > 6′.

SECTION A–A



SECTION B–B
DETAILS OF OPENING

GENERAL NOTES:

THE LENGTH AND DEPTH OF THE INLET SHALL BE AS SHOWN ON THE PLANS.

IF DEPTH OF INLET EXCEEDS 6 FEET THE PRECAST UNITS MAY BE FURNISHED IN TWO OR MORE SECTIONS.

SEE STANDARD PLAN 731.10 FOR ADDITIONAL DETAILS

SPECIAL SHEET
CULVERT DETAILS
TYPE T INLET
SHEET 1 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 74
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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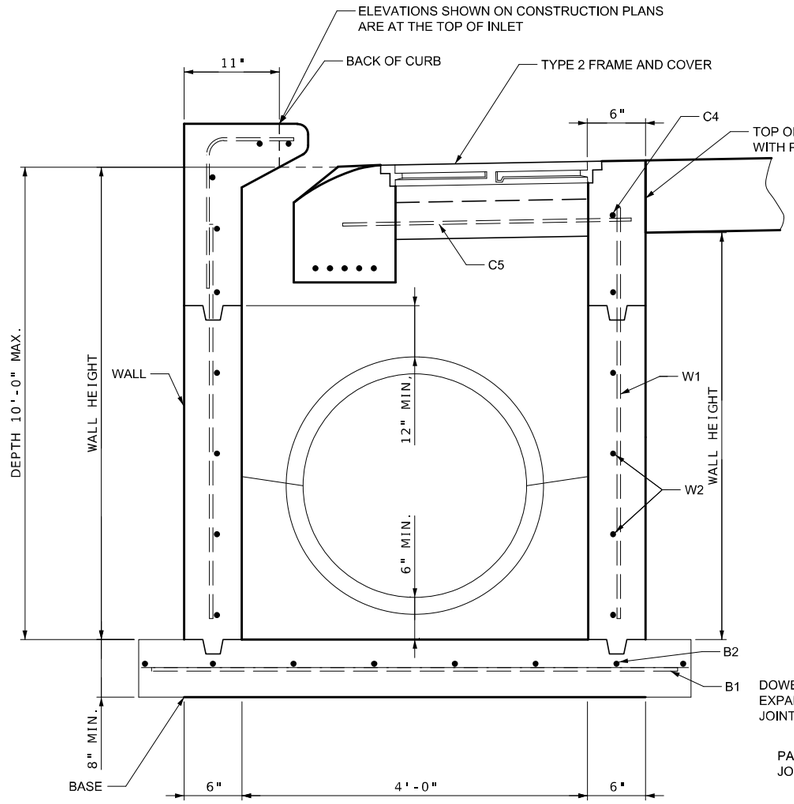
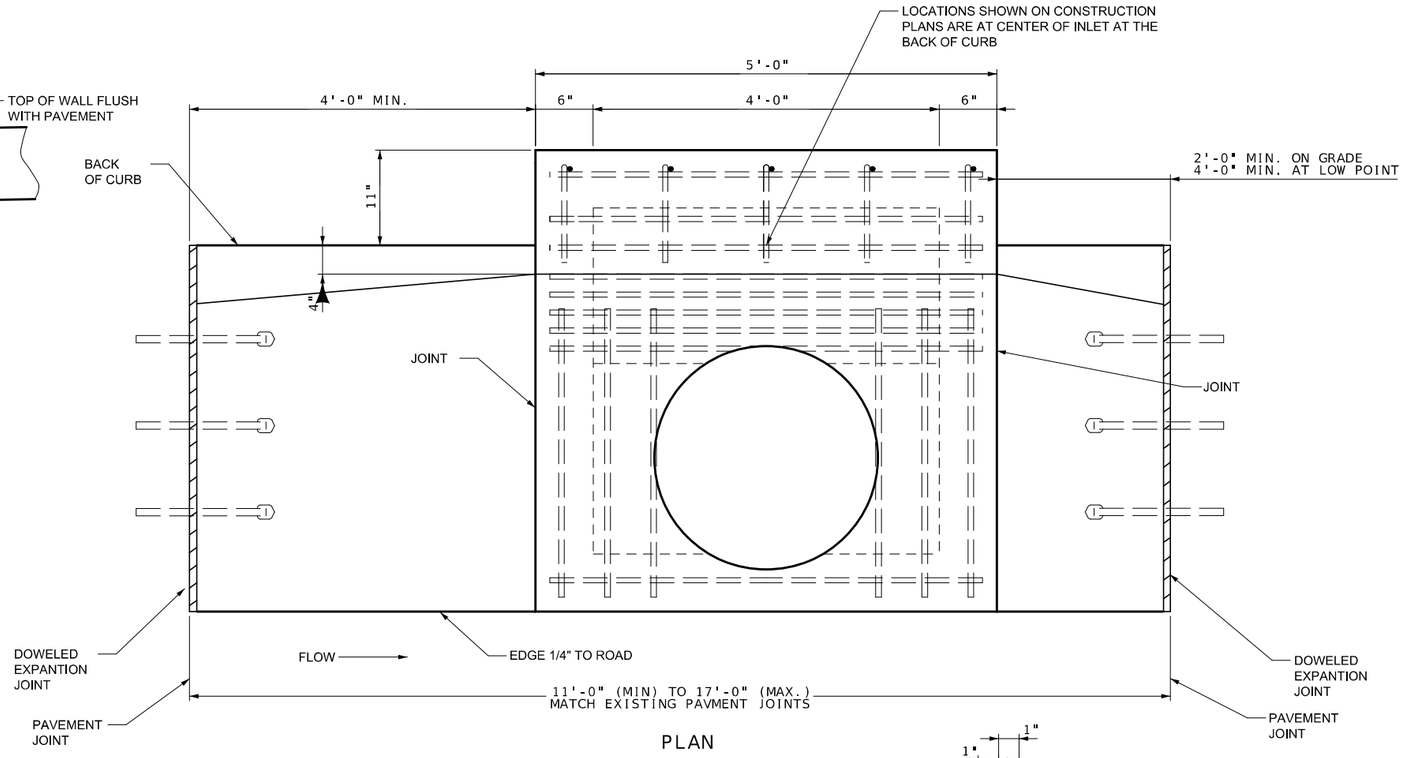
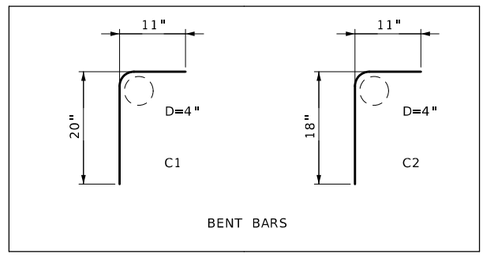
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



TYPICAL SECTION



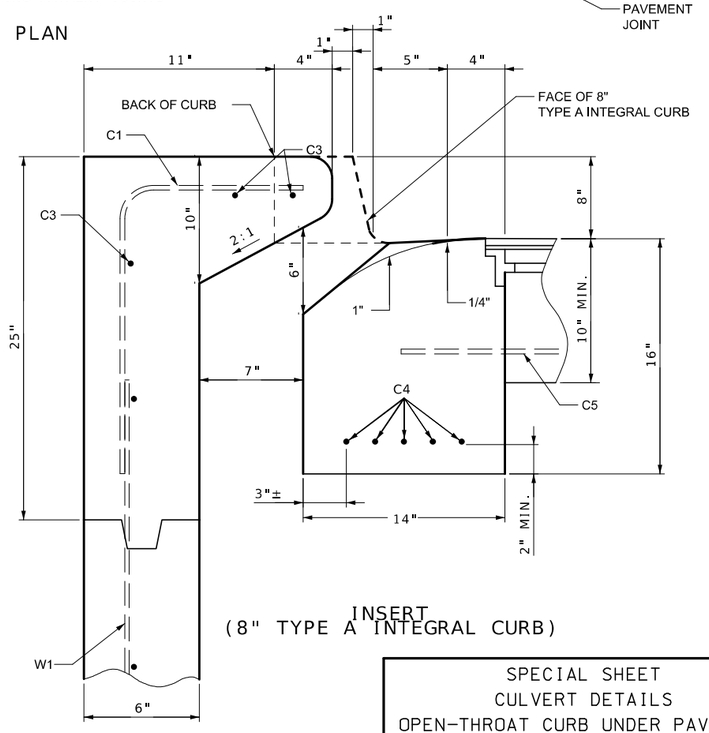
PLAN



BENT BARS

REINFORCING BAR LIST					
MARK	SIZE	LOCATION	SHAPE	LENGTH	SPACING
B1	4	BASE	——	5'-6"	11"
B2	4	BASE	——	5'-6"	11"
W1	4	WALL	——	WALL HEIGHT MINUSE 1"	14"
W2	4	WALL	——	4'-8"	12"
C1	4	TOP	⌜	2'-7"	14"
C2	4	TOP	⌜	2'-5"	14"
C3	4	TOP	——	4'-8"	SEE DETAIL
C4	4	TOP	——	4'-8"	SEE DETAIL
C4	4	TOP	——	3'-2"	SEE DETAIL

MAXIMUM PIPE DIAMETER	
PRECAST	30"
CAST-IN-PLACE	36"



INSERT
(8" TYPE A INTEGRAL CURB)

SPECIAL SHEET
CULVERT DETAILS
OPEN-THROAT CURB UNDER PAVEMENT
SHEET 2 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	75

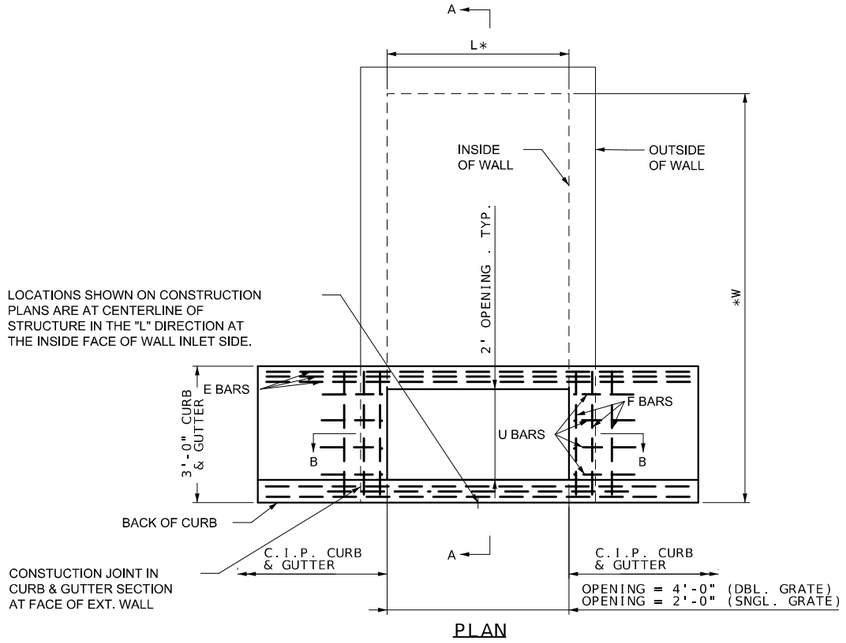
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

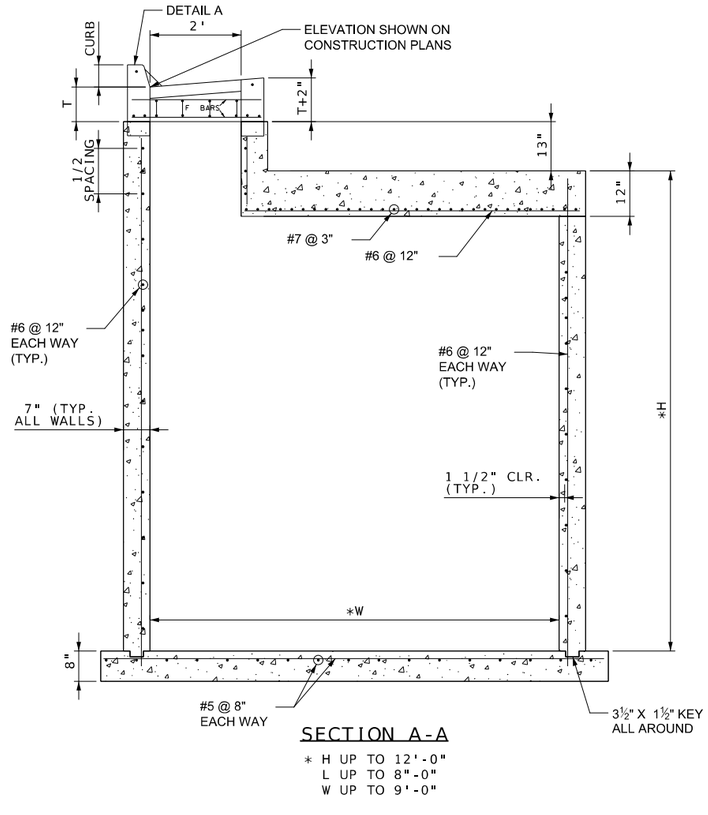
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PLAN



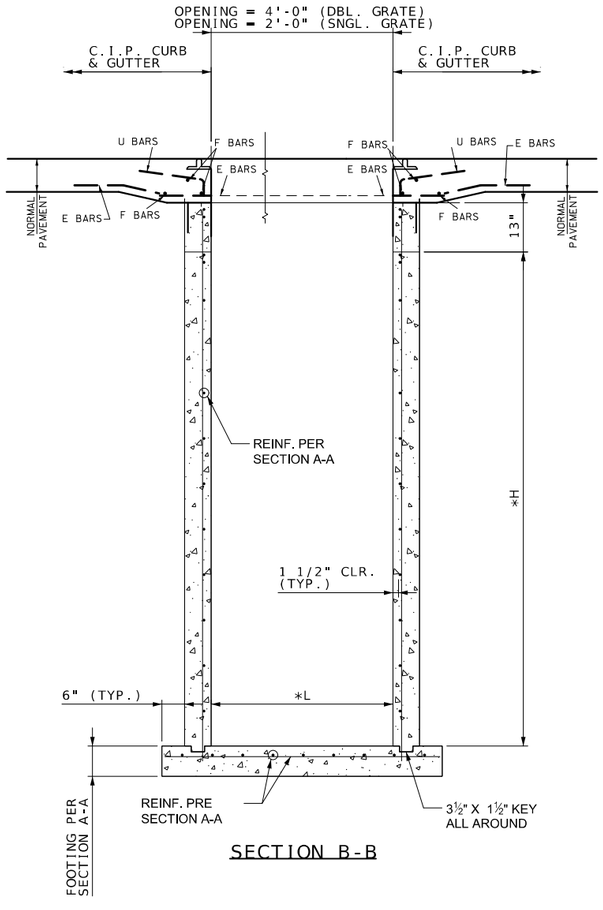
SECTION A-A

* H UP TO 12'-0"
L UP TO 8"-0"
W UP TO 9'-0"

PAVEMENT THICKNESS	"T" DIMENSION
LESS THAN OR EQUAL TO 11"	11"
12"	12"
13"	13"
GREATER THAN OR EQUAL TO 14"	14"

NOTES:

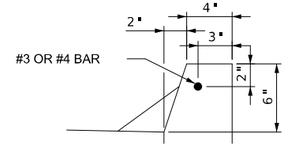
1. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTE IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION. FL'S LISTED ON THE PROJECT PLANS ARE LISTED AT THE INSIDE FACE OF THE WALL.
2. FLOOR OF INLET SHALL HAVE A SHAPED CONCRETE INVERT TO PROVIDE FOR SMOOTH FLOW.
3. THE MINIMAL DIMENSION BETWEEN THE TOP OF PIPE AND THE TOP OF BOX SHALL BE 2'-6" (TYPICAL ALL WALLS).
4. ALL CLEAR DISTANCES TO REINFORCING STEEL SHALL BE 1-1/2" UNLESS OTHERWISE SHOWN.
5. USE HILT HIT HY150 INJECTION ADHESIVE ANCHOR OR APPROVED EQUAL FOR ALL ANCHOR BOLT GROUTING.
6. ALL INGRADE INLETS SHALL CONFORM TO STREET GRADE. ALL INLETS IN SUMP SHALL BE LEVEL. BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.
7. FOR 2'X2' OPENING SEE STANDARD PLAN 614.11D FOR CURVED VANE GRATE AND FRAME DETAIL.
8. FOR 4'X2' OPENING USE NEENAH R-4999-L6 TYPE "L" GRATE WITH TYPE "B" FRAME OR APPROVED EQUAL.



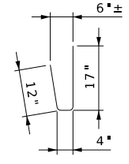
SECTION B-B

PAVEMENT BAR BILL					
TYPE	WIDTH	LENGTH	MARK	NO.	LENGTH
D	2'	2'	E	6	7'-0"
			F	6	2'-9"
			U	8	2'-9"
	4'	4'	E	6	9'-0"
			F	6	2'-9"
			U	8	2'-9"

BARS E, F, & U.....#4



DETAIL A



U-BARS
BENDING DIAGRAM

NOT TO SCALE

SPECIAL SHEET
CULVERT DETAILS
SPECIAL TYPE D GRATE INLET DETAIL
SHEET 3 OF 4

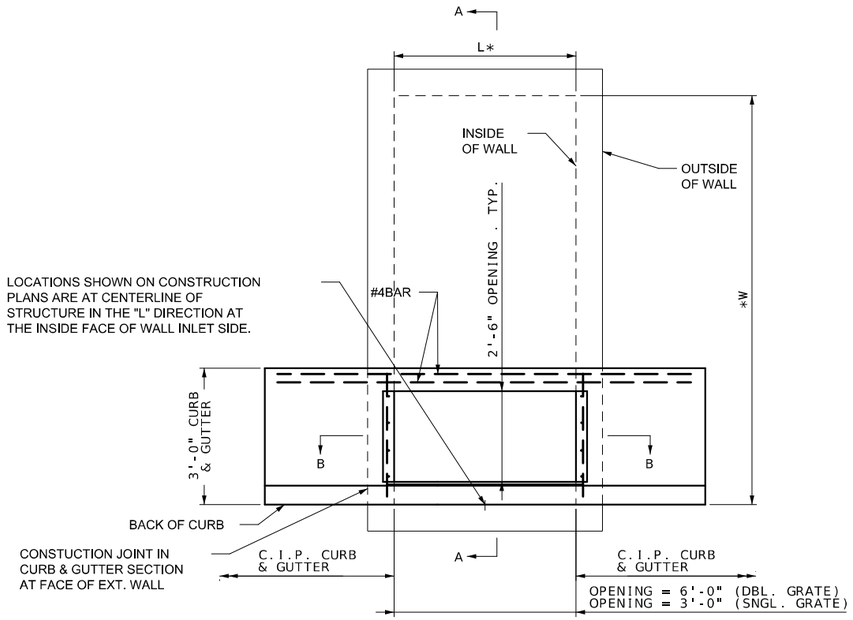
STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

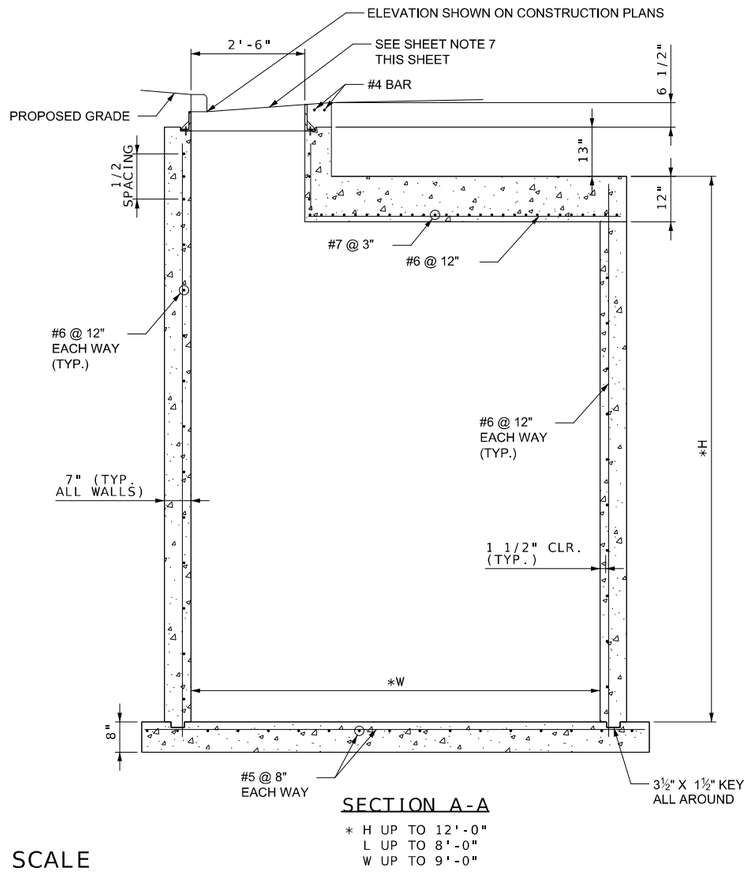
DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 76
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

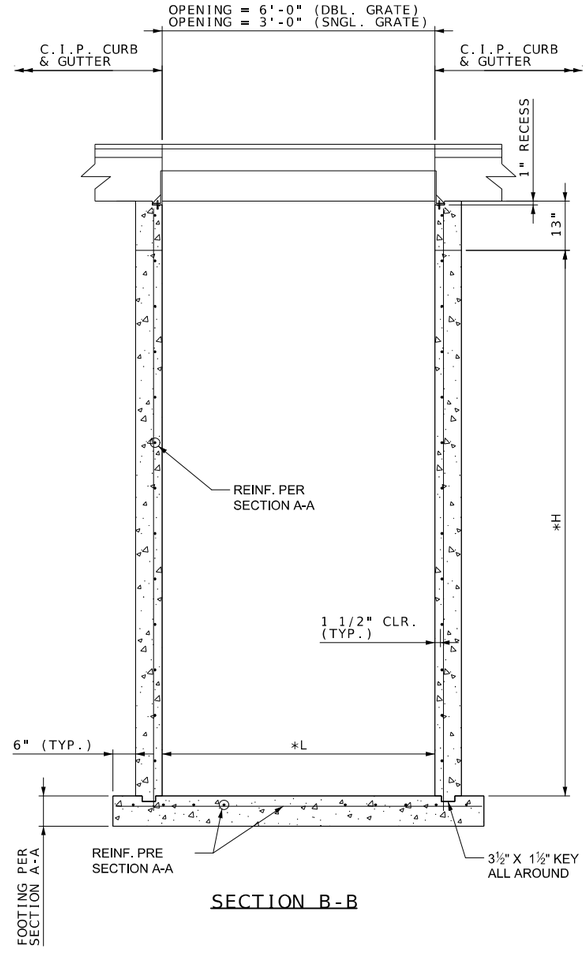


PLAN



SECTION A-A

* H UP TO 12'-0"
L UP TO 8'-0"
W UP TO 9'-0"



SECTION B-B

NOTES:

1. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTE IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION. FL'S LISTED ON THE PROJECT PLANS ARE LISTED AT THE INSIDE FACE OF THE WALL.
2. FLOOR OF INLET SHALL HAVE A SHAPED CONCRETE INVERT TO PROVIDE FOR SMOOTH FLOW.
3. THE MINIMAL DIMENSION BETWEEN THE TOP OF PIPE AND THE TOP OF BOX SHALL BE 2'-6" (TYPICAL ALL WALLS).
4. ALL CLEAR DISTANCES TO REINFORCING STEEL SHALL BE 1-1/2" UNLESS OTHERWISE SHOWN.
5. USE HILT HIT HY150 INJECTION ADHESIVE ANCHOR OR APPROVED EQUAL FOR ALL ANCHOR BOLT GROUTING.
6. ALL INGRADE INLETS SHALL CONFORM TO STREET GRADE. ALL INLETS IN SUMP SHALL BE LEVEL. BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.
7. NEENAH R-3293-2 DOUBLE CURB INLET FRAME, TYPE 'L' GRATE, & CURB BOX OR APPROVED EQUAL. OR NEENAH R-3246-AL SINGLE CURB INLET FRAME, TYPE 'L' GRATE, & CURB BOX OR APPROVED EQUAL.

NOT TO SCALE

SPECIAL SHEET
CULVERT DETAILS
COMBINATION GRATE INLET DETAIL
SHEET 4 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	77

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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WWW.BARTLETTWEST.COM

SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS, AND CONCRETE BARRIER

SIGN SPACING FOR ADVANCE SIGN SERIES (1)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

TAPER LENGTHS AND END TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (2)			END TREATMENT (3)
	10'	11'	12'	
<40	160'	168'	176'	BARRIER HEIGHT TRANSITION
>40	160'	168'	176'	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER	BUFFER LENGTH FT.	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

NOTE: SEE STANDARD PLAN 616.10 FOR TEMPORARY TRAFFIC CONTROL DIVICES

NOTES:

(1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION MAY BE ADJUSTED BY INCREASING TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.

(2) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LAND AND 10' SHOULDER.

(3) CONCRETE BARRIER MAY BE INSTALLED AT AN 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER. CONTRACTOR MAY PROVIDE CONCRETE BARRIER AT OWN EXPENSE. INCIDENTAL TO PROJECT.

GENERAL NOTES:

1. AS WITH ALL CONSTRUCTION ACTIVITIES, TRAFFIC SITUATIONS ARE SUBJECT TO CHANGE. THE CONTRACTOR SHALL BE AWARE THAT ALL TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE STANDARDS OUTLINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION SECTION 600, AND SHALL FOLLOW THE GUIDELINES IN THE MODOT "TRAFFIC CONTROL FOR FIELD OPERATIONS MANUAL".
2. TWO (2) PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE SUPPLIED A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF ANY TURNING RESTRICTIONS, LANE CLOSURES, OR DETOURS REQUIRED BY THE TEMPORARY TRAFFIC CONTROL.
3. PLACE A 'ROAD WORK AHEAD' SIGN ON THE APPROACH TO ALL INTERSECTIONS WHERE THE ADVANCE SIGNING FOR THE TEMPORARY TRAFFIC CONTROL EXTENDS PAST THAT INTERSECTION.
4. NOTIFY MODOT RESIDENT ENGINEER AT 417-621-6525 (OFFICE) 48-HOURS IN ADVANCE OF ANY LANE CLOSURE OR ROADWAY CLOSURE.
5. ALL EXISTING SIGNS SHALL BE USED IN PLACE, ADJUSTED, AND/OR COVERED AS CONDITIONS REQUIRE.
6. REFER TO MODOT STANDARD PLANS 619.10J. SHEETS 1-3 FOR "PAVEMENT EDGE TREATMENT" DETAILS. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THIS STANDARD DURING WORKING AND NON-WORKING HOURS.
7. ALL STATIONING, DISTANCES, AND SPACING OF WORK ZONE DEVICES ARE APPROXIMATE AND MAY BE REVISED AS APPROVED BY ENGINEER.
8. TYPE III MOVEABLE BARRICADES TO BE LOCATED AS APPROVED BY THE ENGINEER TO FIT FIELD CONDITIONS.
9. FIRST ORDER OF WORK ON ALL PHASES SHALL BE PLACEMENT OF ALL WORK ZONE WARNING DEVICES AND SIGNS AS NOTED.
10. SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED OR AS APPROVED BY THE ENGINEER.
11. SIGNS LEFT IN PLACE OVERNIGHT MUST BE MOUNTED AT A 5' MINIMUM.
12. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL ON THE ENGINEER.
13. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE WHEN NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
14. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
15. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS OR CONSTRUCTION SIGNS.
16. DISTANCE MAY BE ADJUSTED (INCREASED, TYPICALLY) ACCORDING TO FIELD CONDITIONS.
17. REFER TO MODOT STANDARD PLAN 612.20 FOR SAND FILLED IMPACT ATTENUATORS AND 617.20 FOR TEMPORARY CONCRETE TRAFFIC BARRIER.

TRAFFIC CONTROL PLAN
SHEET 1 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	78

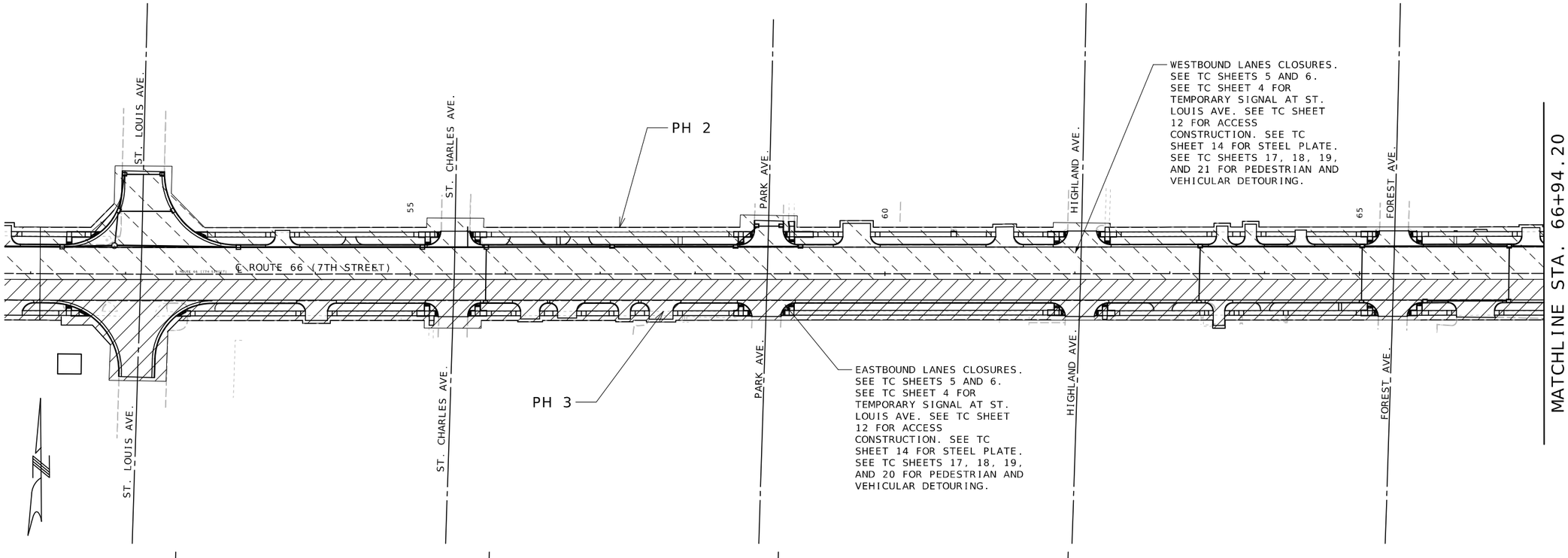
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

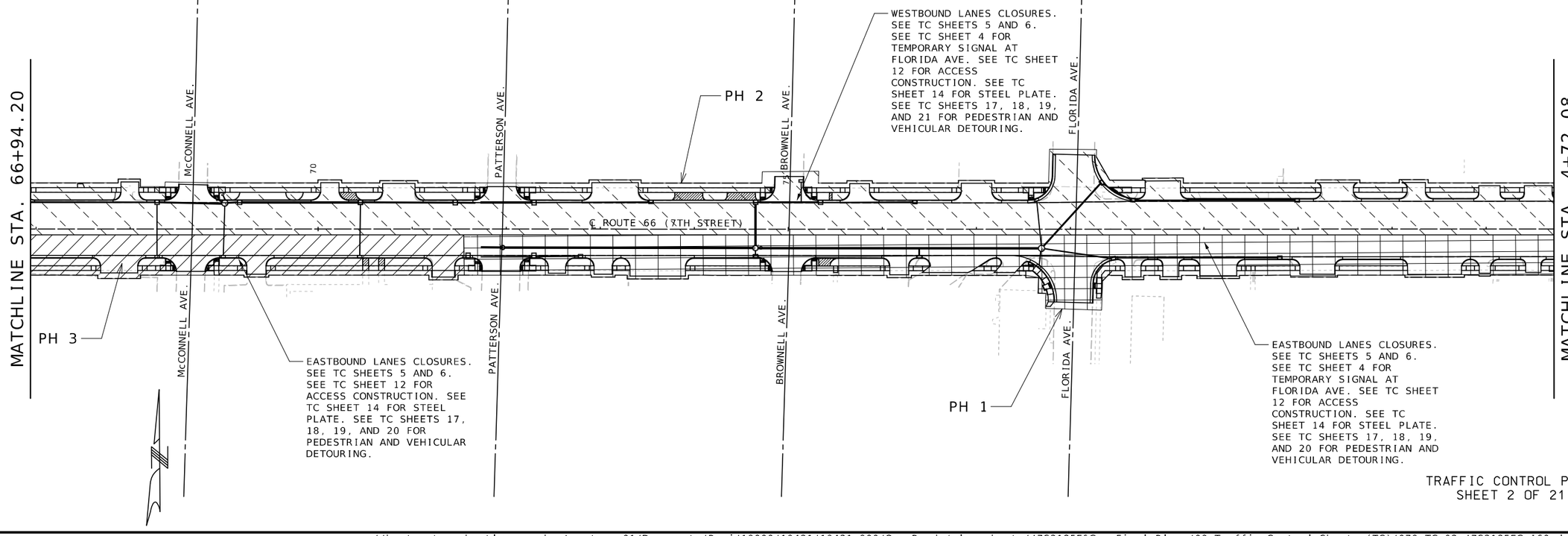
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





TRAFFIC CONTROL PLAN
SHEET 2 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	79

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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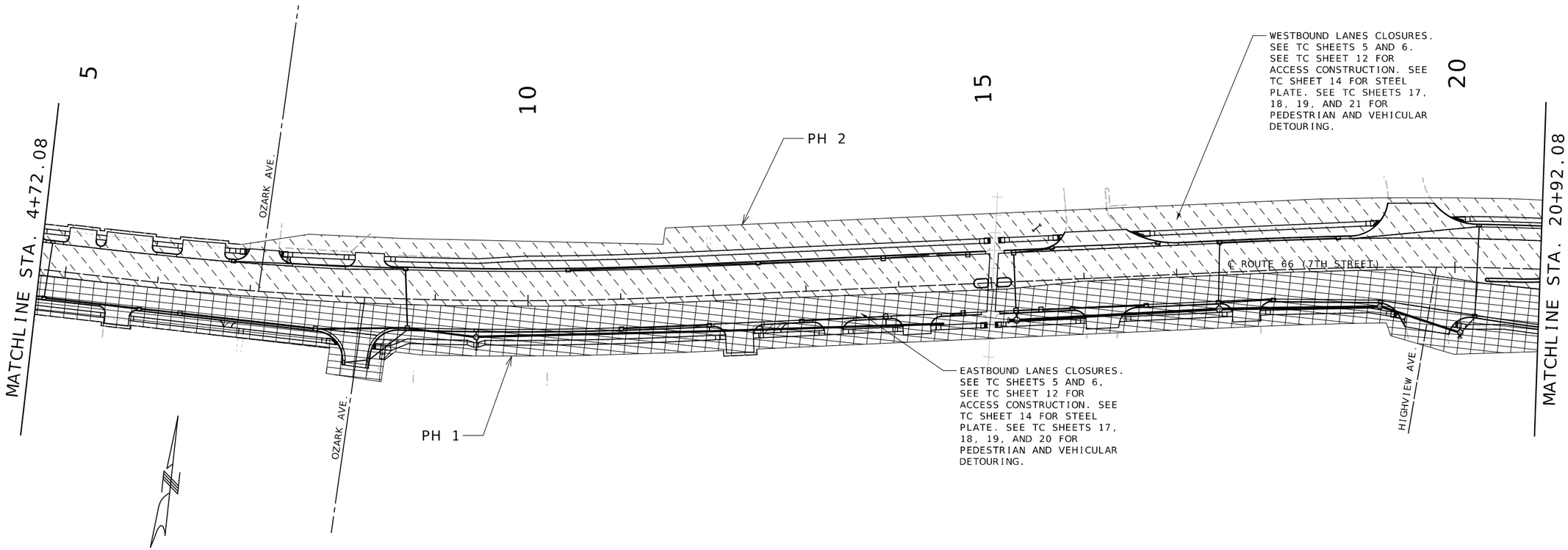

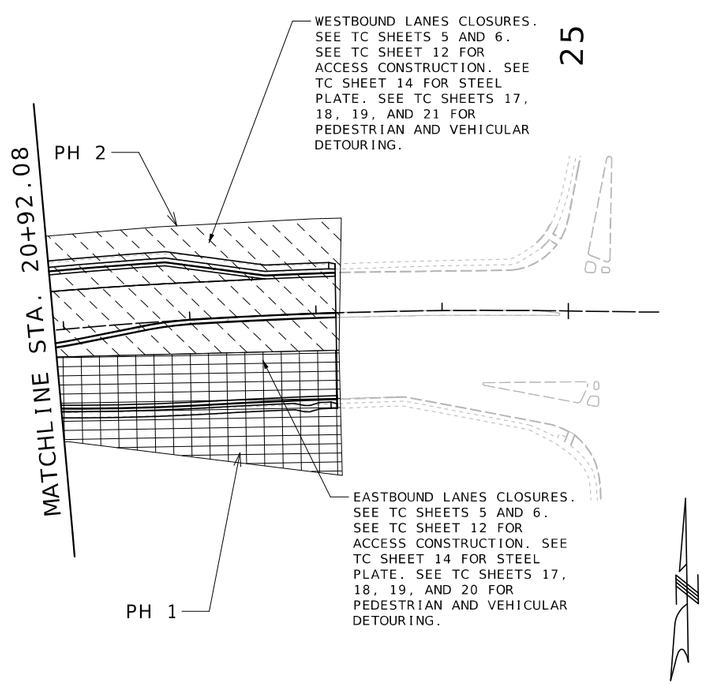

TRAFFIC CONTROL PLAN
SHEET 3 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	80

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
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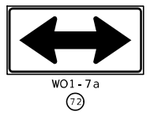
TEMPORARY SIGNAL FOR 2 LANE CLOSURE ON A MULTI-LANE HIGHWAY



3 DEVICES
(HARD CLOSURE)



LEGEND

- ACTIVE CONSTRUCTION AREA
- CHANNELIZER
- TYPE 3 BARRICADE
- TEMPORARY TRAFFIC CONTROL SIGN
- TEMPORARY TRAFFIC SIGNAL

NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. LANE WIDTHS SHALL BE A MINIMUM OF 9'.
5. CONTRACTOR TO TIE TEMPORARY SIGNAL INTO EXISTING SIGNAL TIMINGS.
6. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 4 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	81

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

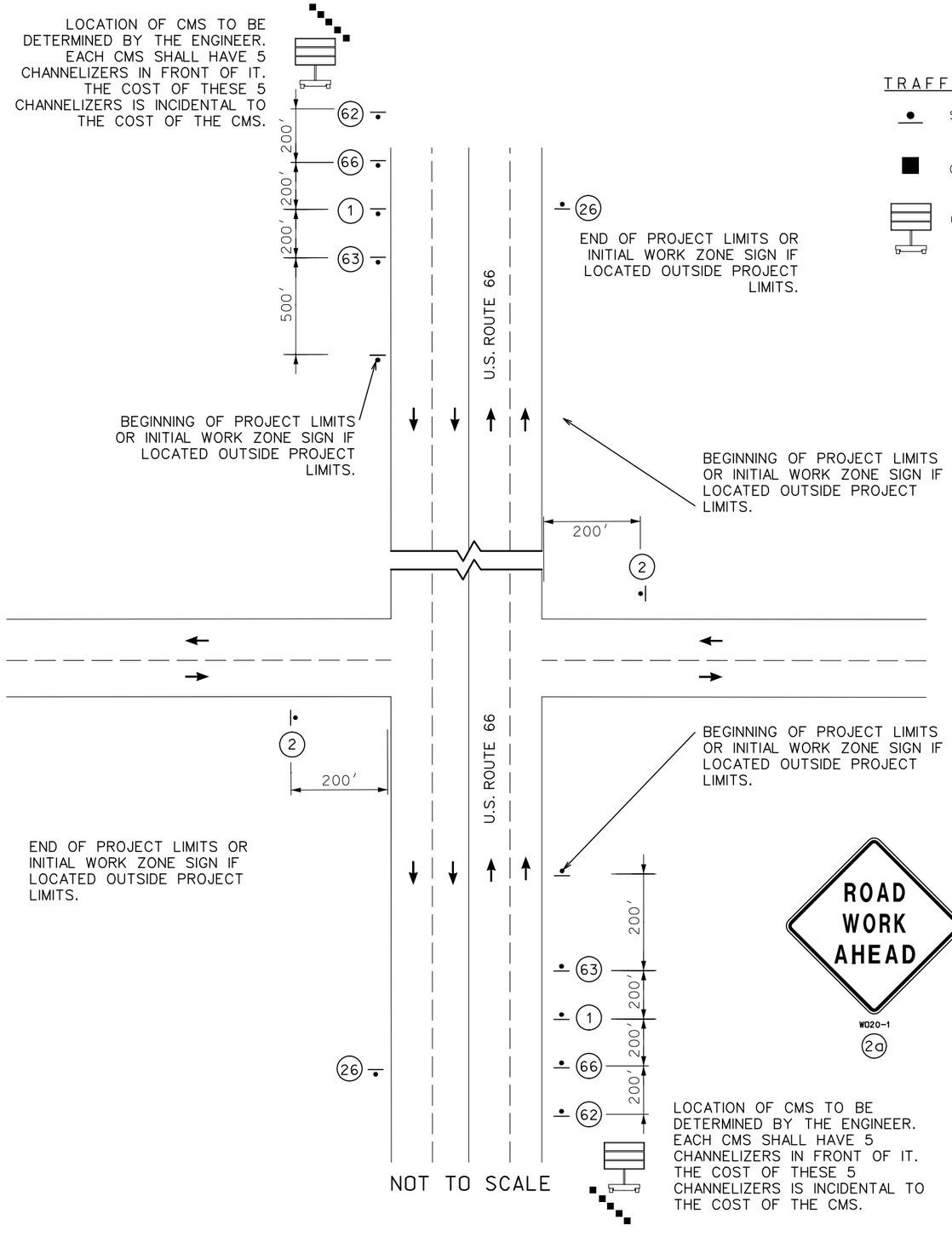
DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

BEGIN AND END OF PROJECT SIGNING



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- CHANGEABLE MESSAGE SIGN

NOTES:

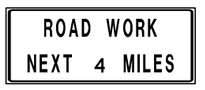
1. SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ADJUSTMENTS ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS OCCUR OR ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ADDITIONAL SIGNING.





THESE SIGNS SHALL BE PLACED AT THE DIRECTION OF THE ENGINEER.

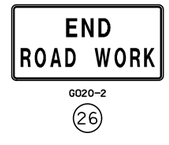












TRAFFIC CONTROL PLAN
SHEET 5 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	82

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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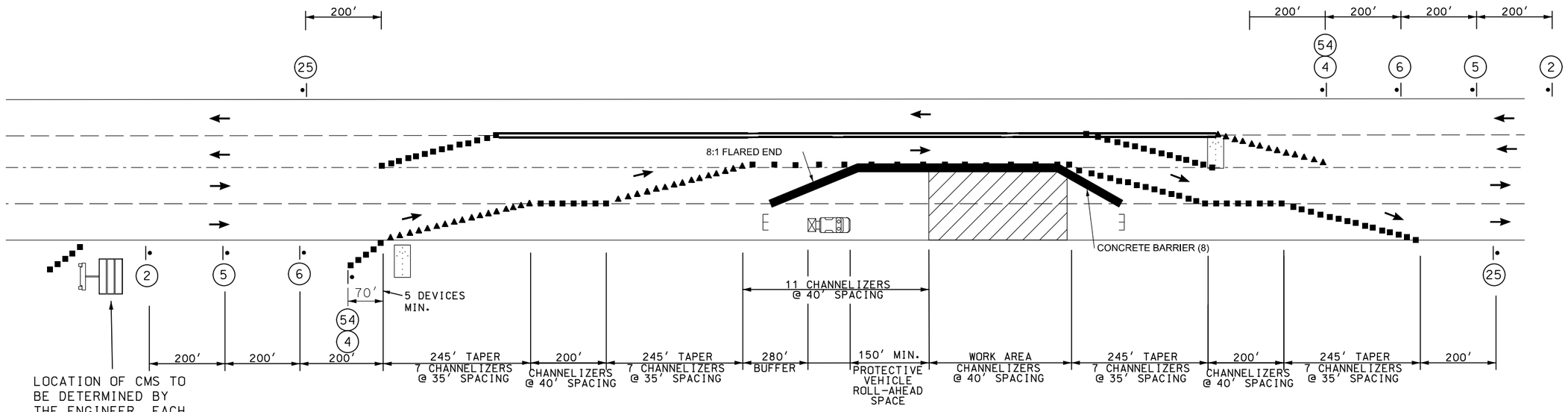
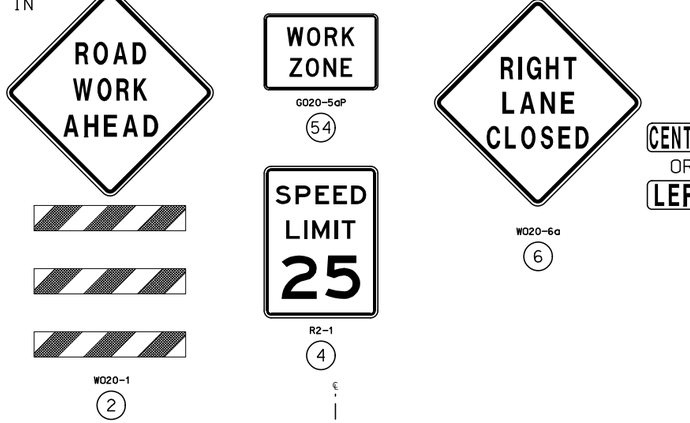
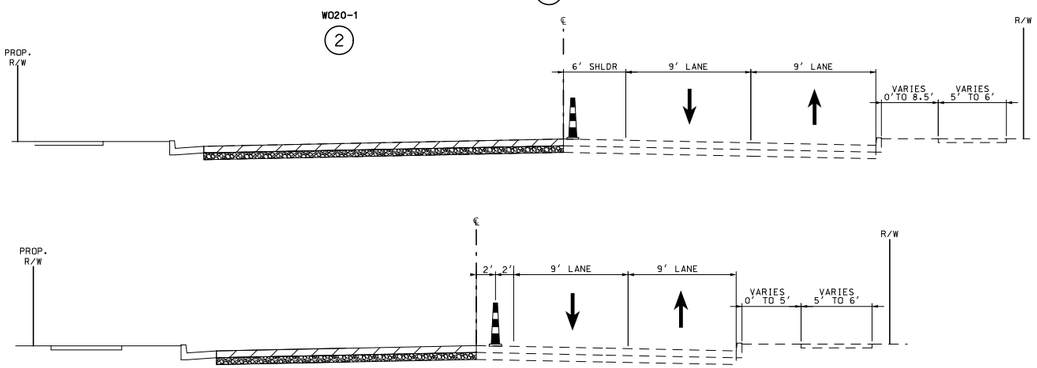
STATIONARY LANE CLOSURE ON A MULTI-LANE HIGHWAY



NOT TO SCALE

LOCATION OF CMS TO BE DETERMINED BY THE ENGINEER. EACH CMS SHALL HAVE 5 CHANNELIZERS IN FRONT OF IT.





NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. LANE WIDTHS SHALL BE A MINIMUM OF 9'.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES.
6. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
7. FLASHING ARROW PANEL ON PROTECTIVE VEHICLE SHALL BE OPERATED IN CAUTION MODE. THE PROTECTIVE VEHICLE SHALL HAVE HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS ACTIVATED FOR THE DURATION OF THE WORK ZONE.
8. CONCRETE BARRIER SHALL BE USED AS NEEDED FOR CONSTRUCTION PHASING.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE
- FLASHING ARROW PANEL
- PROTECTIVE VEHICLE WITH FLASHING ARROW PANEL AND TMA
- CHANGEABLE MESSAGE SIGN
- TEMPORARY TRAFFIC BARRIER
- TYPE 3 BARRICADE

TRAFFIC CONTROL PLAN
SHEET 6 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 83
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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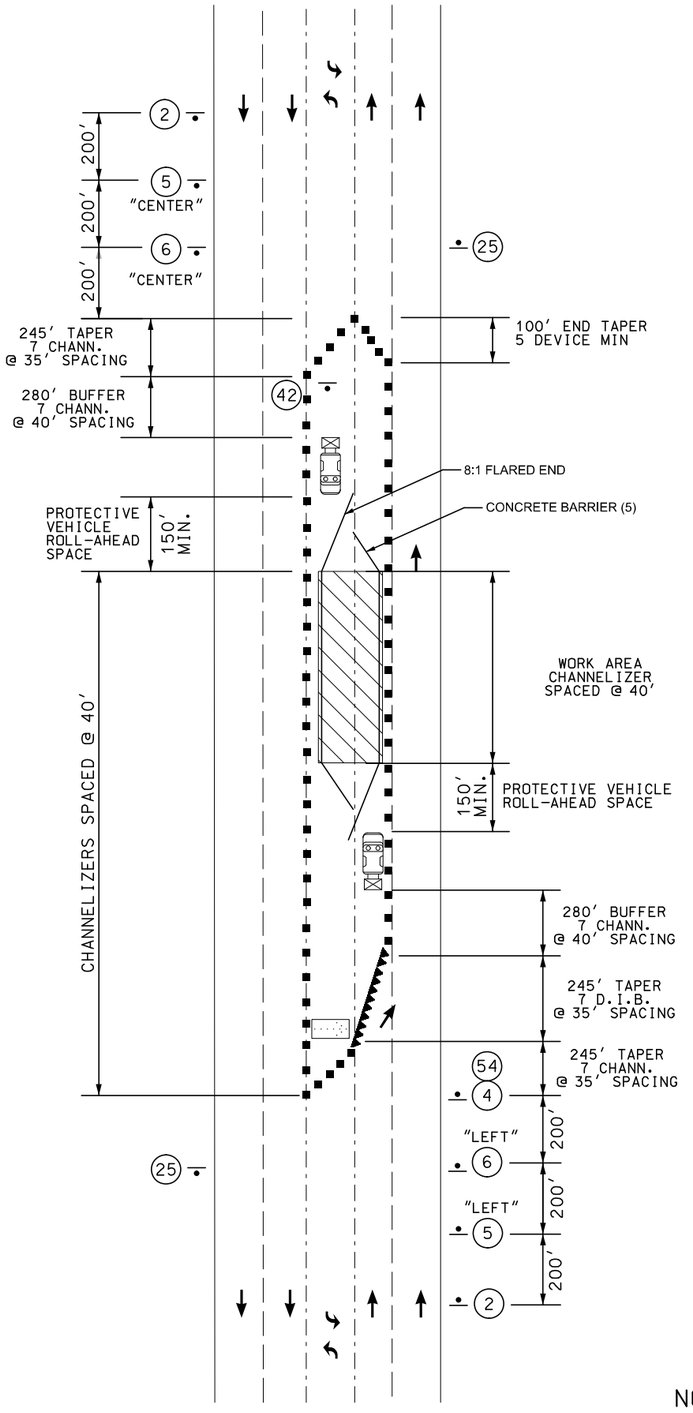
LEFT LANE CLOSURE WITH CENTER TWO-WAY LEFT TURN LANE CLOSURE

NOTES:
1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
5. CONCRETE BARRIER SHALL BE USED AS NEEDED FOR CONSTRUCTION PHASING.



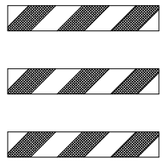


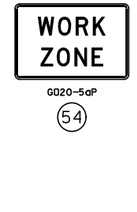
R2-1
4



W020-1
2



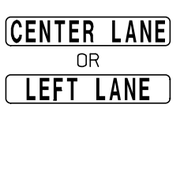

W020-1
2



G020-5aP
54



W020-5
5





R2-1
25



W020-6a
6





R4-7a
42

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- PROTECTIVE VEHICLE WITH FLASHING ARROW PANEL AND TMA
- TEMPORARY TRAFFIC BARRIER

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 7 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 84
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

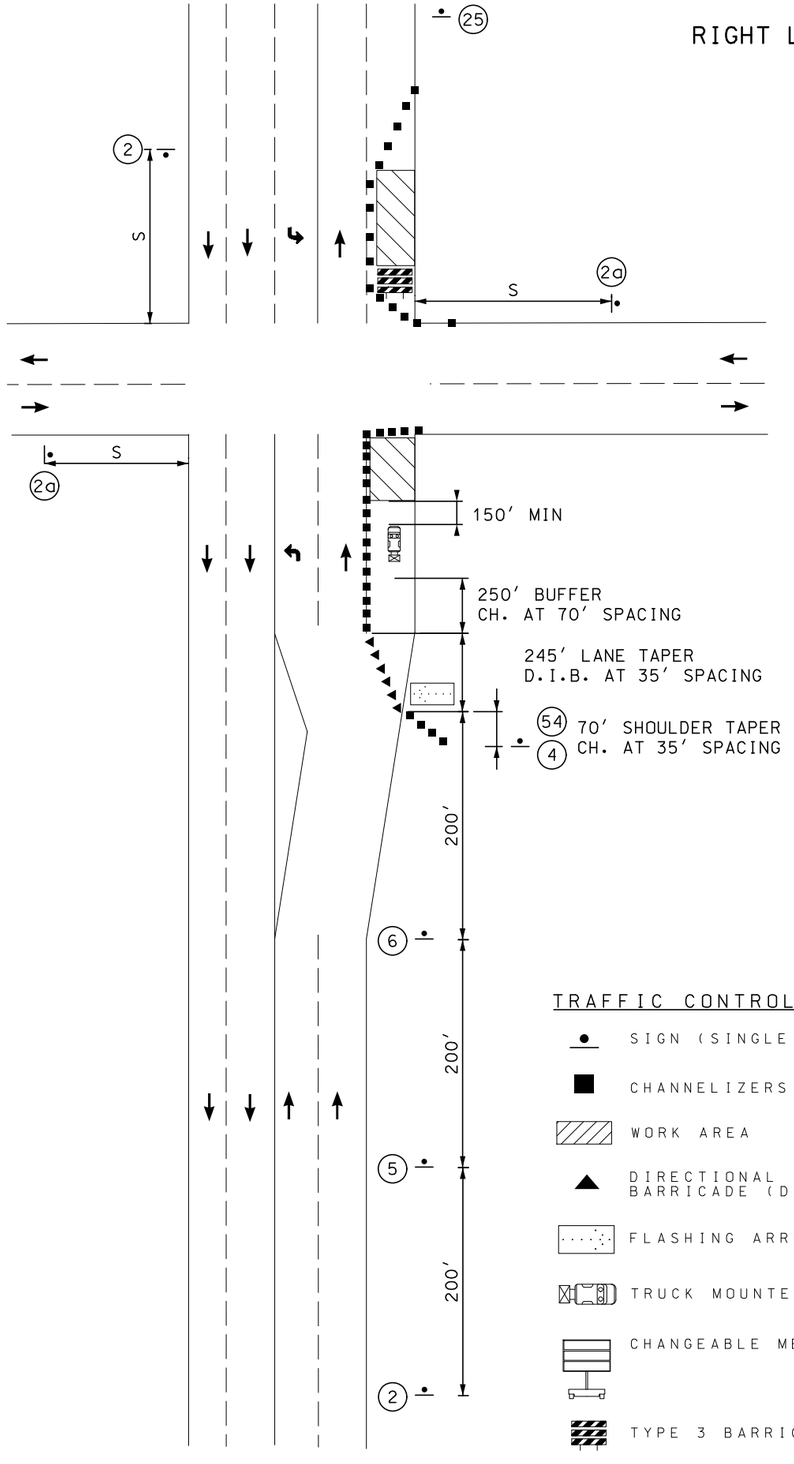
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

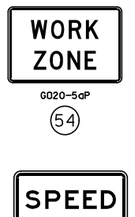
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

RIGHT LANE CLOSURE AT INTERSECTION WORK ON NEAR OR FAR SIDE















TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- CHANGEABLE MESSAGE SIGN
- TYPE 3 BARRICADE

NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKING, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

TRAFFIC CONTROL PLAN
SHEET 8 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
8/4/2025	
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	85
COUNTY	
JASPER	
JOB NO.	
J7S2185E,G	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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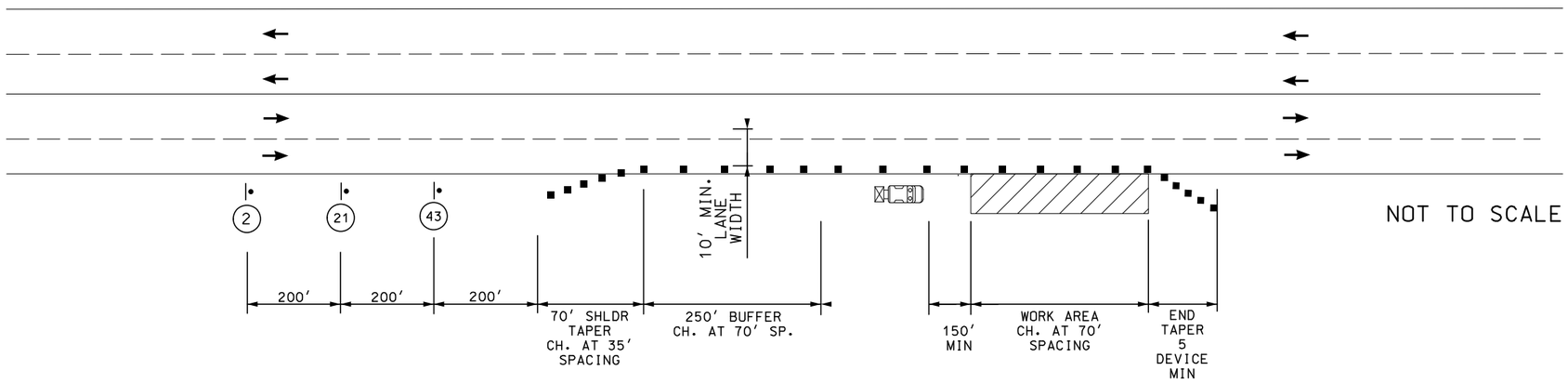
STATIONARY SHOULDER CLOSURE



NOT TO SCALE

NOTES:

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3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- CHANGEABLE MESSAGE SIGN



W020-1

2



W021-5

21



W05-1

43

TRAFFIC CONTROL PLAN
SHEET 9 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	86

COUNTY: JASPER

JOB NO.: J7S2185E,G

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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NOTES:

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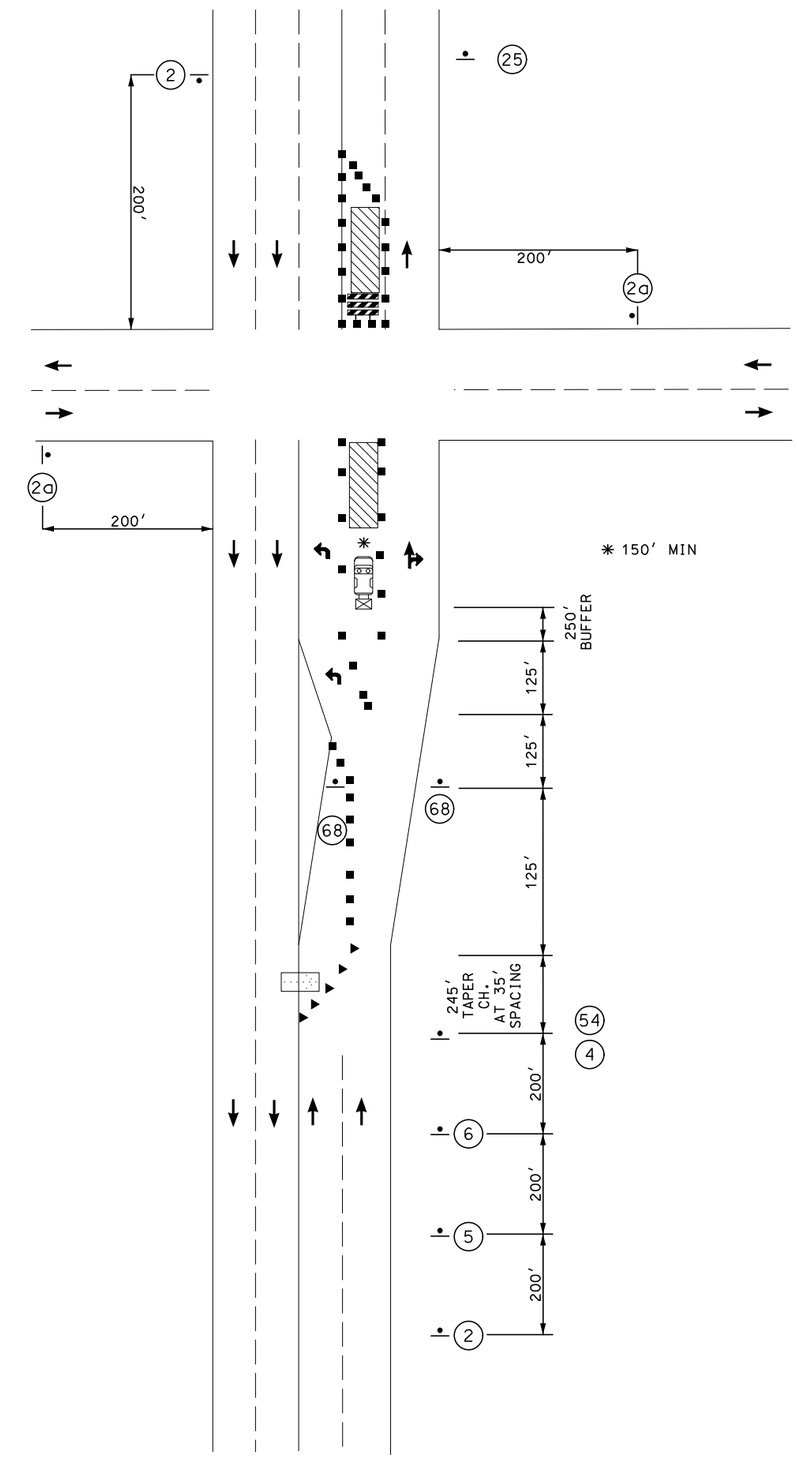
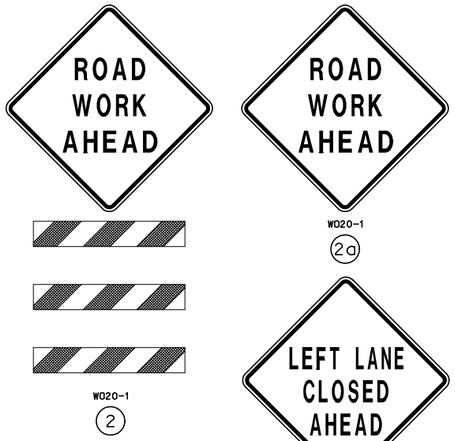
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKINGS AS NEEDED.
5. LANES WIDTHS SHALL BE A MINIMUM OF 10'.
6. CONTRACTOR SHALL MAKE EVERY EFFORT TO MAINTAIN ACCESS TO BUSINESSES DURING CONSTRUCTION. CLOSURE OF SIDE STREETS AND COMMERCIAL ENTRANCES SHALL BE MINIMIZED.
7. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
8. REDUCED SPEED LIMIT IS POSTED SPEED LIMIT MINUS 10 MPH WITH A MINIMUM SPEED LIMIT OF 35 MPH.
9. FLAGS ARE REQUIRED FOR DAY TIME HOURS ONLY.
10. TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
11. PAVEMENT MARKING AND TYPE 3 BARRICADES ARE OPTIONAL FOR SHORT TERM OPERATIONS.
12. LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
13. FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS, OR DETECTOR SETTINGS.
14. FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FOOT DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE NORMAL SPACING.
15. THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.



LEFT LANE CLOSURE AT INTERSECTION





TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE (D.I.B.)
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- TYPE 3 BARRICADE

TRAFFIC CONTROL PLAN
SHEET 10 OF 21

NOT TO SCALE

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 87
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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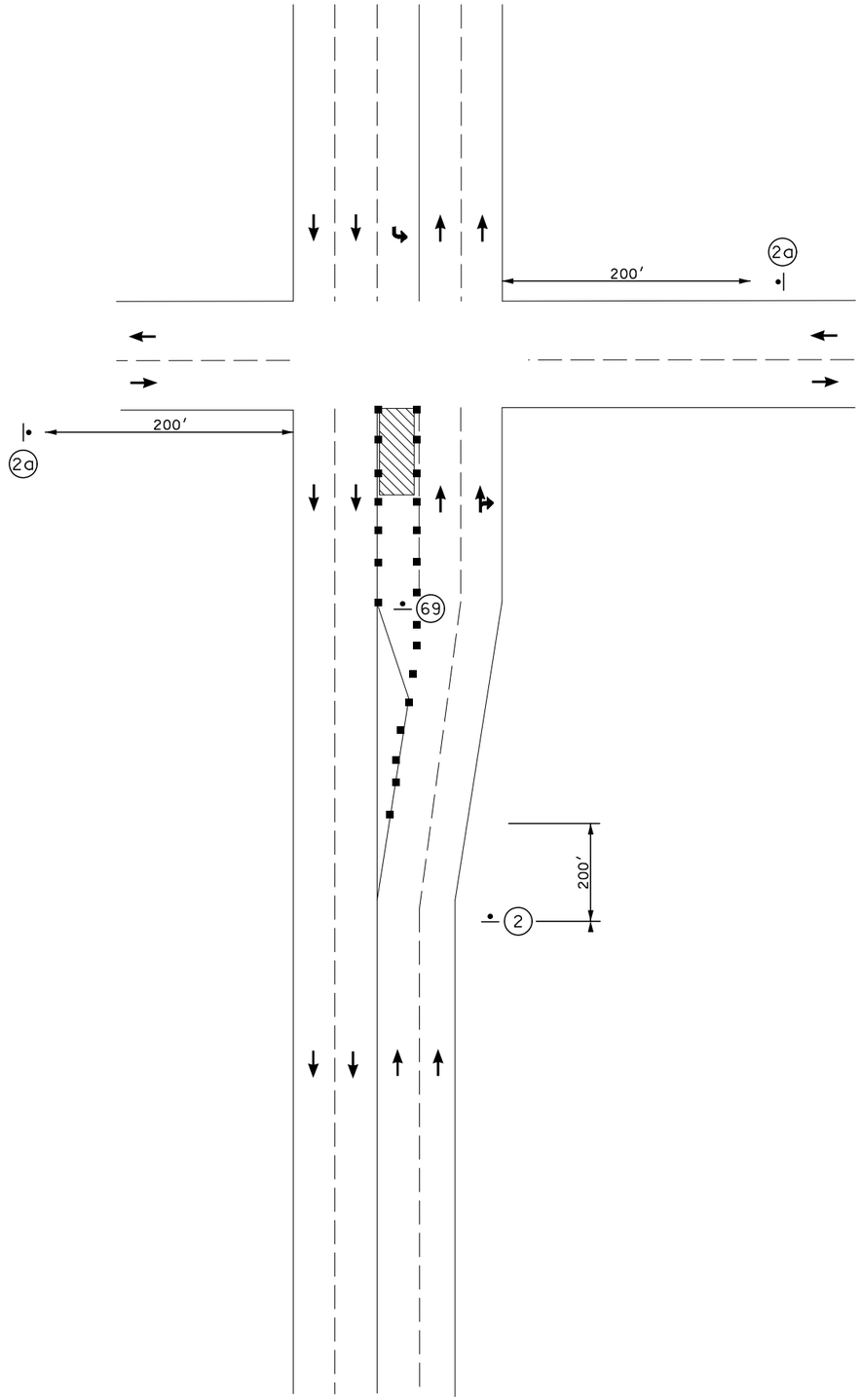
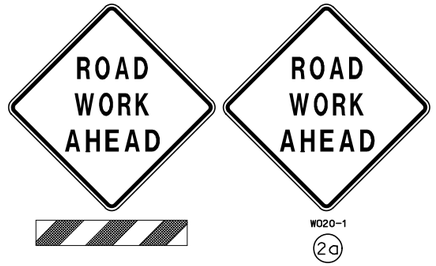
TURN LANE CLOSURE AT INTERSECTION







NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR

TRAFFIC CONTROL PLAN
SHEET 11 OF 21

NOT TO SCALE

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	88

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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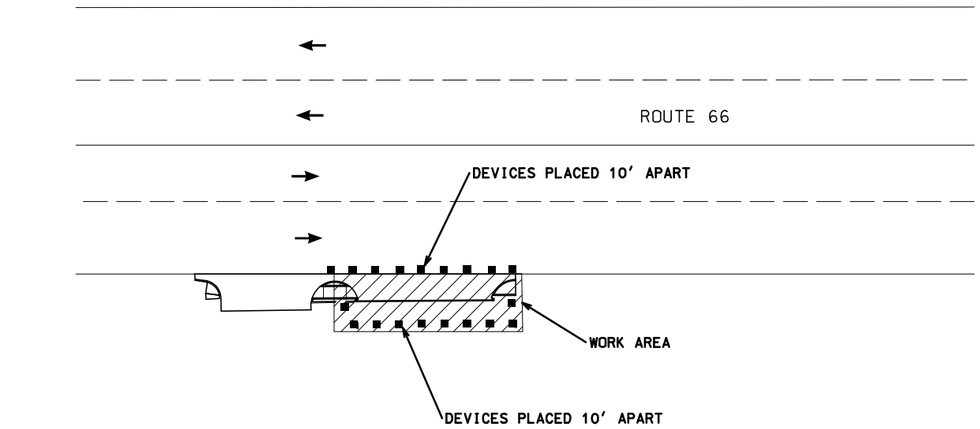
TYPICAL TRAFFIC CONTROL FOR ENTRANCE CONSTRUCTION



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF PROPERTY HAS MULTIPLE ENTRANCES, THE CONTRACTOR MAY CLOSE ONE ENTIRE ENTRANCE.
2. IF PROPERTY HAS ONLY A SINGLE ENTRANCE, THEN THE ENTRANCE SHALL BE CONSTRUCTED IN HALVES, WHERE POSSIBLE. OTHERWISE, THE CONTRACTOR SHALL COORDINATE WITH RESIDENTS IN ADVANCE TO PROVIDE ACCESS TO PROPERTY.
3. THE CONTRACTOR SHALL LIMIT THE WORK ZONE TO MINIMIZE IMPACT ACCESS TO THE BUSINESS.
4. THE CONTRACTOR SHALL NOT PARK EQUIPMENT OR STORE MATERIALS IN THE TEMPORARY EASEMENTS DURING NON-WORKING HOURS.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO THE PROPERTY.
6. SEE ALSO TRAFFIC CONTROL FOR SHOULDER WORK WITH TRAVELWAY ENCROACHMENT AS NEEDED.
7. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 12 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	89

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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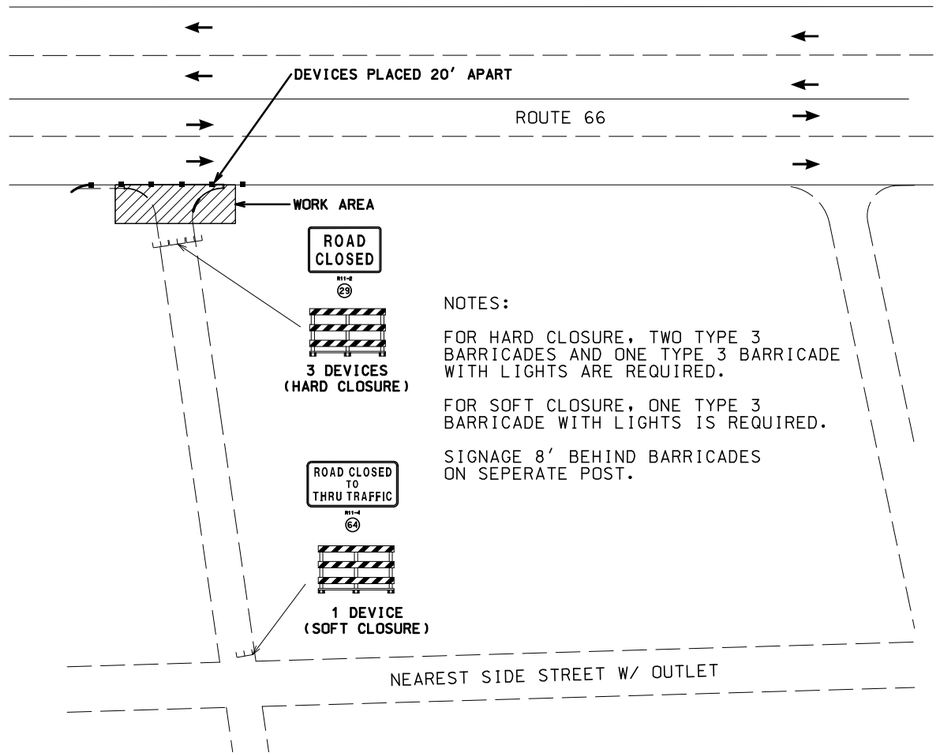
CLOSURE OF NON-SIGNALIZED STREET



NOTES:

FOR HARD CLOSURE, TWO TYPE 3 BARRICADES AND ONE TYPE 3 BARRICADE WITH LIGHTS ARE REQUIRED.

FOR SOFT CLOSURE, ONE TYPE 3 BARRICADE WITH LIGHTS IS REQUIRED.

SIGNAGE 8' BEHIND BARRICADES ON SEPERATE POST.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF NEAREST SIDE STREET DOES NOT HAVE AN OUTLET, OR DISTANCE TO NEAREST OUTLET IS NOT FEASIBLE, NON-SIGNALIZIED INTERSECTION SHALL BE CONSTRUCTED IN HALVES, KEEPING HALF OF ENTRANCE OPEN AT ALL TIMES.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 13 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	90

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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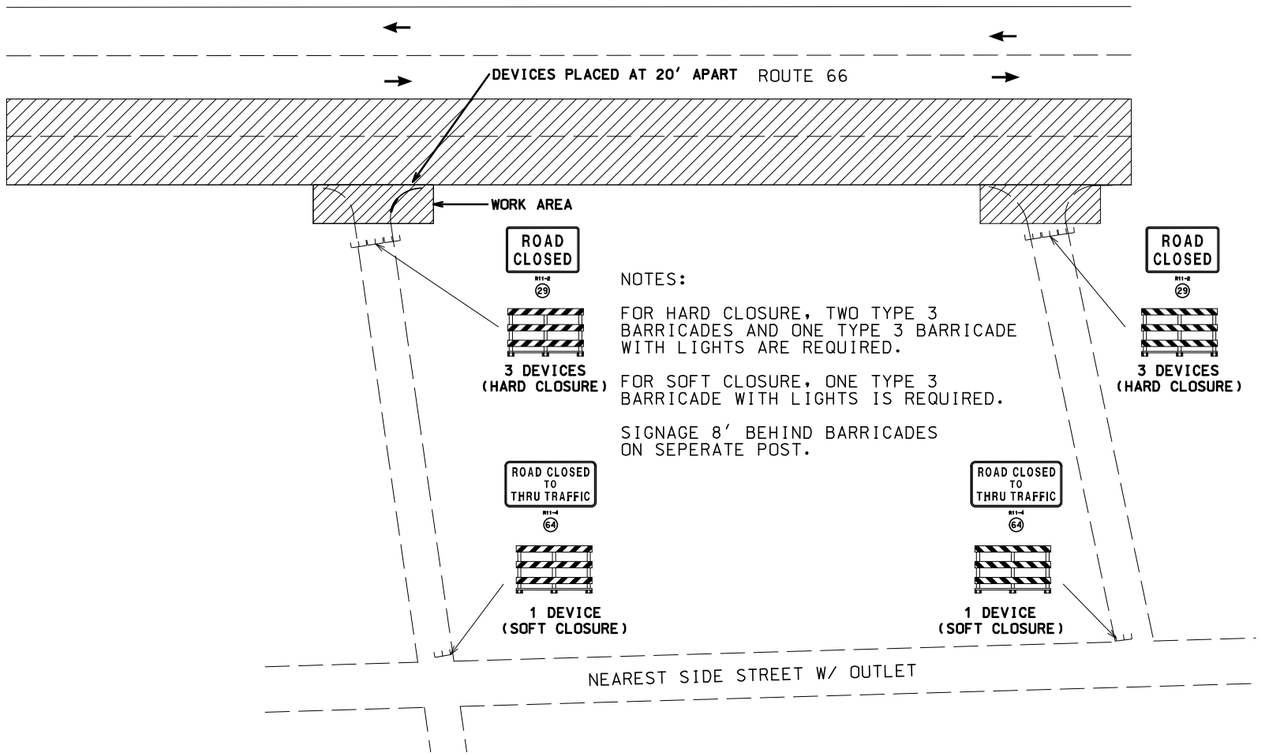
CLOSURE OF NON-SIGNALIZED SIDE STREETS WITH LANE CLOSURES



NOTES:

FOR HARD CLOSURE, TWO TYPE 3 BARRICADES AND ONE TYPE 3 BARRICADE WITH LIGHTS ARE REQUIRED.

FOR SOFT CLOSURE, ONE TYPE 3 BARRICADE WITH LIGHTS IS REQUIRED.

SIGNAGE 8' BEHIND BARRICADES ON SEPERATE POST.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF NEAREST SIDE STREET DOES NOT HAVE AN OUTLET, OR DISTANCE TO NEAREST OUTLET IS NOT FEASIBLE, NON-SIGNALIZIED INTERSECTION SHALL BE CONSTRUCTED IN HALVES, KEEPING HALF OF ENTRANCE OPEN AT ALL TIMES.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 14 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025
ROUTE: 66 | STATE: MO
DISTRICT: SW | SHEET NO.: 91
COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

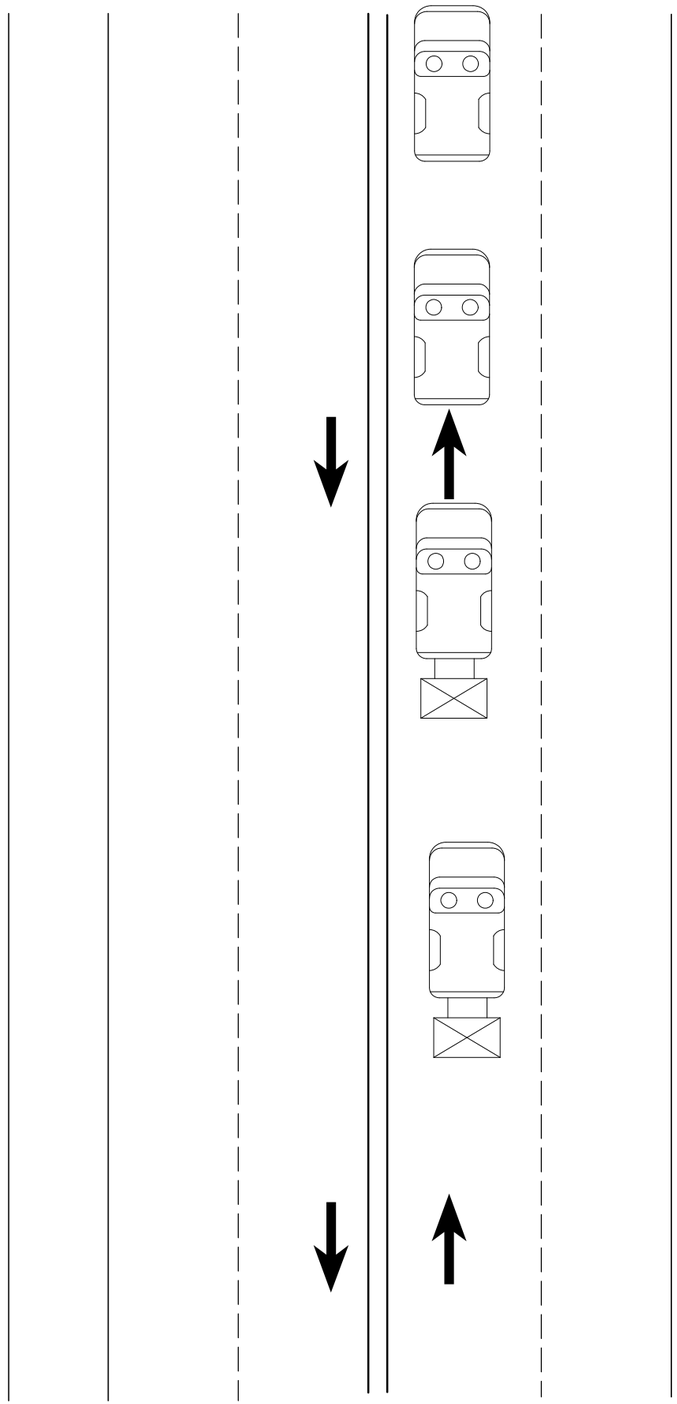
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

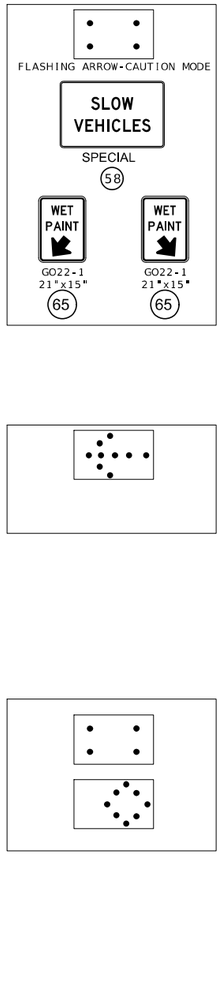
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

STRIPING OPERATION ON UNDIVIDED MULTI-LANES



NOT TO SCALE



NOTES:

ALL SIGNS SHALL HAVE TYPE 3 FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY, ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

FLASHING ARROW PANELS SHALL, AT A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

THE STRIPING OPERATION SHALL BE COMPLETED UNDER A LANE CLOSURE.

THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

TRAFFIC CONTROL LEGEND

FLASHING ARROW PANEL

TRUCK MOUNTED ATTENUATOR

TRAFFIC CONTROL PLAN
SHEET 15 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	92

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

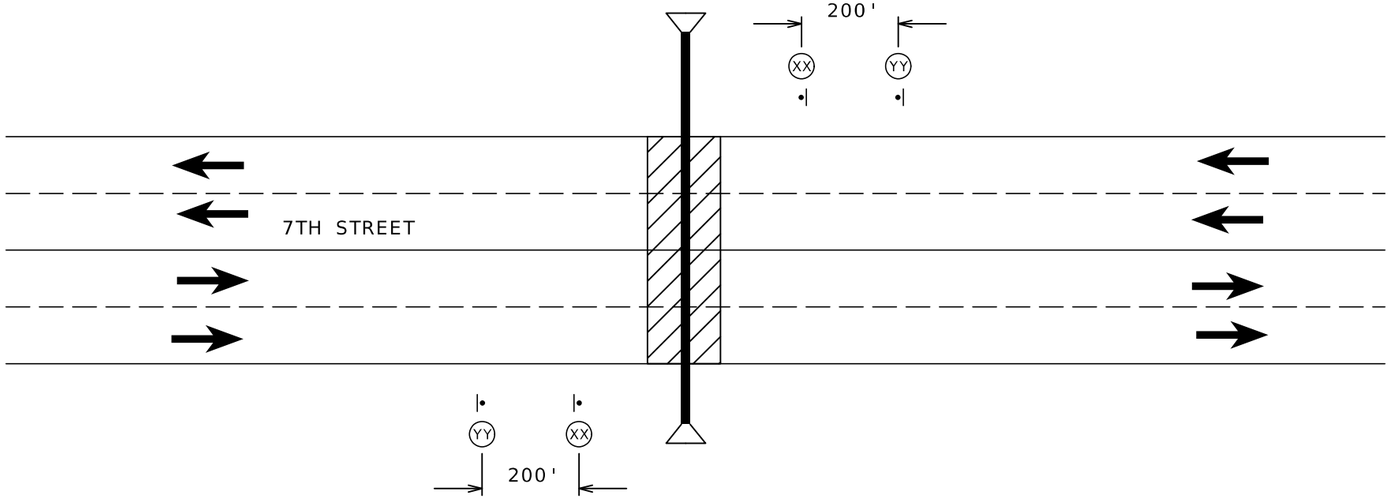
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

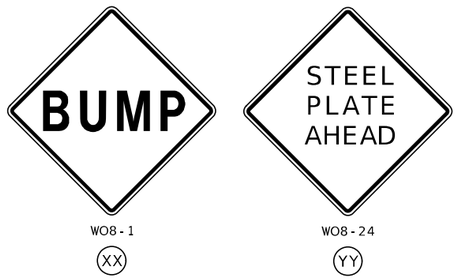
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

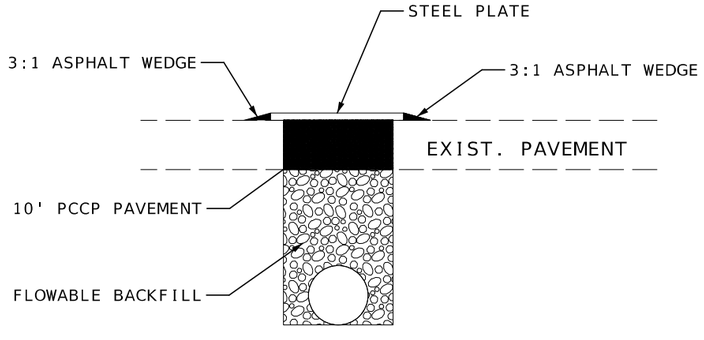
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC CONTROL PLAN FOR CROSS ROAD CULVERT INSTALLATION (OPEN TO NORMAL TRAFFIC)



NOT TO SCALE





TYPICAL CULVERT INSTALLATION

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

GENERAL NOTES:

1. PERIMETER OF STEEL PLATE SHALL HAVE A GRADUAL TRANSITION OF 1V:3H. THE GRADUAL TRANSITION MAY BE ACCOMPLISHED BY ASPHALT WEDGING OR A MECHANICAL FASTENER APPROVED BY THE ENGINEER. THE PLATE SHALL HAVE DELINEATION AND BE TREATED FOR SKID RESISTANCE.

2. STEEL PLATE SHALL REMAIN IN PLACE UNTIL PCCP PAVEMENT HAS REACHED 3000 PSI.

3. THE TOP OF FLOWABLE BACKFILL WILL BE COVERED WITH A FABRIC OR COATING TO PROVIDE BOND BREAKER BETWEEN THE BACKFILL AND PAVEMENT.

4. CROSS ROAD CULVERTS IN THE AREA OF PAVEMENT REPLACEMENT SHALL BE INSTALLED PRIOR TO NEW PAVEMENT. THESE CULVERTS WILL BE BACKFILLED AND PLATED UNTIL THE NEW PAVEMENT REPLACEMENT.

5. THERE WILL BE NO DIRECT PAYMENT FOR THE STEEL PLATE OR ASPHALT WEDGE.

TRAFFIC CONTROL PLAN
SHEET 16 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	93

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

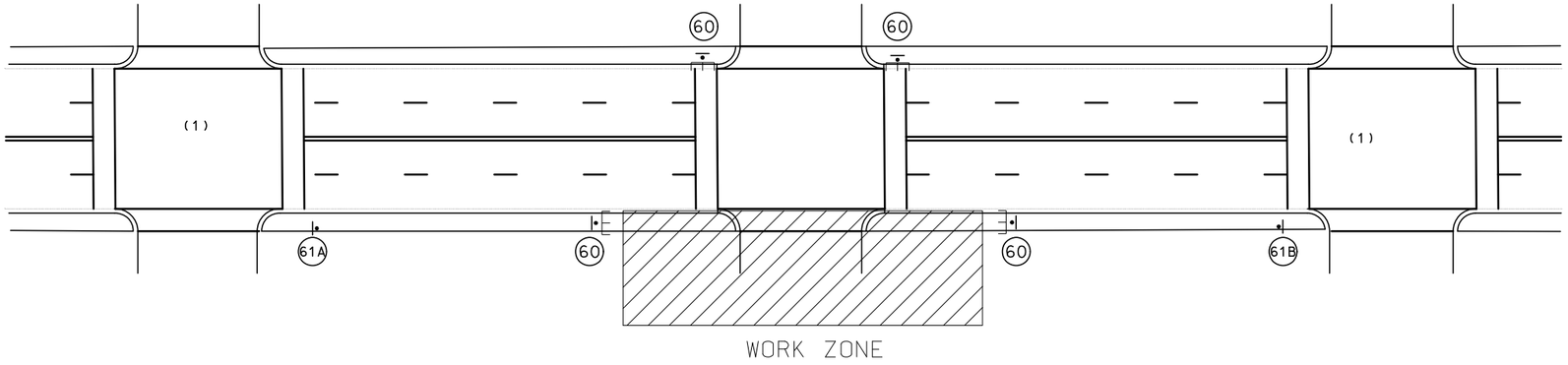
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CROSSWALK CLOSURE AND PEDESTRIAN DETOUR





R9-9

60



R9-11L

61A



R9-11R

61B

NOTES:

(1) DETOUR AT THE NEAREST SIGNALIZED CROSSWALK WHERE POSSIBLE

(2) CONTRACTOR SHALL MAINTAIN AN ADA-ACCESSIBLE DETOUR ROUTE FOR PEDESTRIAN AROUND ALL SIDEWALK AND CROSSWALK CLOSURES. THE CONTRACTOR SHALL BE RESTRICTED TO WORK ON ONE SIDE OF THE ROADWAY BETWEEN BLOCKS.

(3) ALL BUSINESSES SHALL REMAIN ACCESSIBLE AT ALL TIMES.

(4) ALL SIGNS MAY BE RELOCATED TO MEED FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL PLAN
SHEET 17 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	94

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
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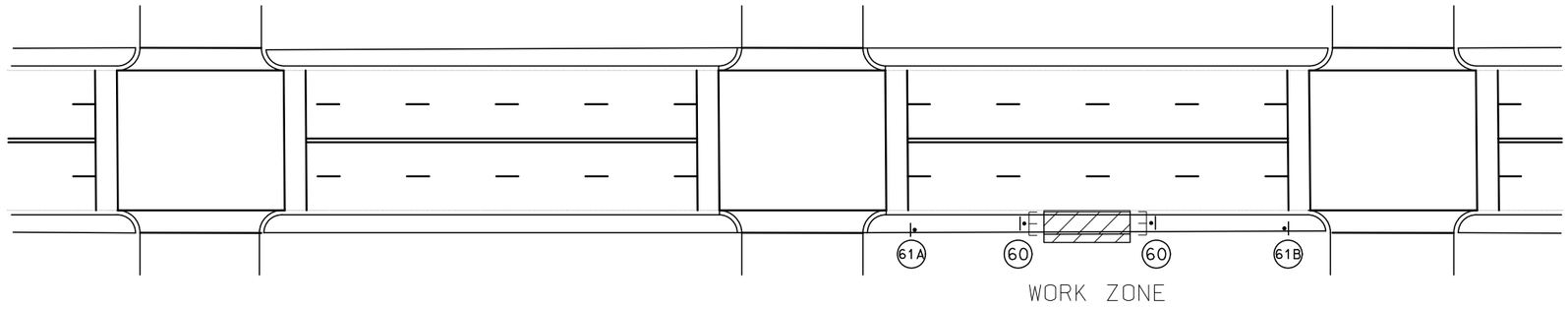
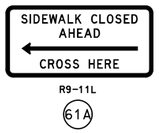
SIDEWALK DETOUR AND PEDESTRIAN DETOUR



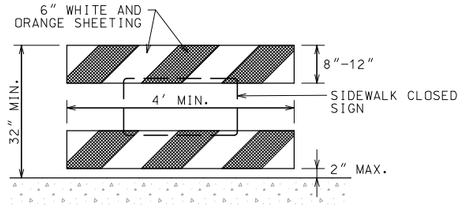






GENERAL NOTES:

1. SIGN SHALL BE PLACED AT NEAREST CROSSWALK STATING SIDEWALK CLOSED.
2. ALL BUSINESSES SHALL REMAIN ACCESSIBLE BY ANOTHER ENTRANCE.
3. ALL SIGNS MAY BE RELOCATED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.



INSTALL DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES AND SIDEWALK CLOSED SIGNS AS DIRECTED BY THE ENGINEER.

WHERE CHANNELIZING DEVICES ARE USED TO CHANNELIZE PEDESTRIANS, THERE SHALL BE CONTINUOUS DETECTABLE BOTTOM AND TOP SURFACES TO BE DETECTABLE TO USERS OF LONG CANES.

DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

TRAFFIC CONTROL PLAN
SHEET 18 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	95

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

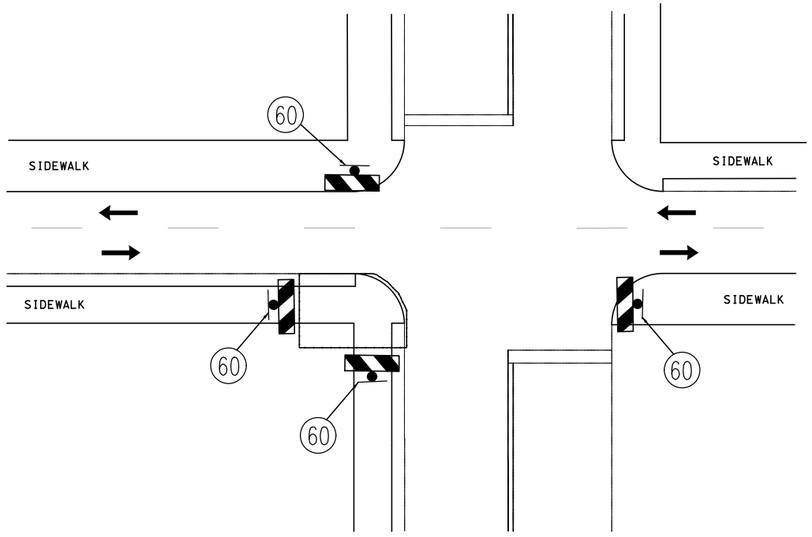
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NOTES:

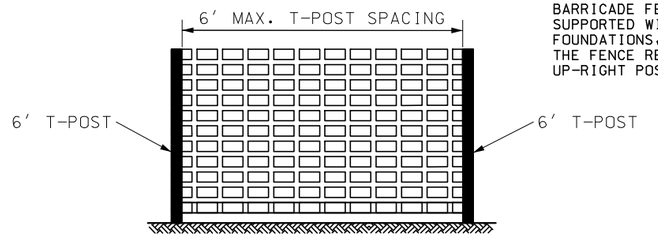
1. NO DIRECT PAYMENT WILL BE MADE FOR ORANGE SAFETY FENCE AS REQUIRED AROUND EXCAVATION OF SIDEWALK & CURB RAMP AREAS.
2. SEE JSP's FOR PEDESTRIAN TRAFFIC DEVICES.
3. WORKING AREAS SHALL BE GUARDED FROM PEDESTRIAN ACCESS BY BARRICADE FENCING 36" TO 48" IN HEIGHT WITH A GAP NO GREATER THAN 6" FROM THE GROUND AND HOLES NO GREATER THAN 4" IN ANY DIRECTION.
4. PEDESTRIAN ACCESS ON SIDEWALK SHALL BE PROVIDED WITH A WIDTH NOT LESS THAN 4' OF SMOOTH STABLE SURFACING ADJACENT TO BARRICADE FENCING FOR ACCESS TO THE MAIN BUILDING.
5. SIDEWALK RAMP CLOSURES FOR RECONSTRUCTION SHALL BE PERFORMED WITH ADA COMPLIANT MOVEABLE BARRICADES. TWO BARRICADES PER PEDESTRIAN APPROACH. ONE SIDEWALK CLOSED SIGN WILL BE PLACED UPON ONE BARRICADE FOR EACH APPROACH, NO MORE THAN ONE 5' SECTION OF SIDEWALK RAMP SHALL BE CLOSED LEADING TO THE MAIN BUILDING AT ANY TIME ADJACENT TO THE WORK AREA.

DUAL-LANE TYPICAL SIDEWALK CLOSURE

NOT TO SCALE

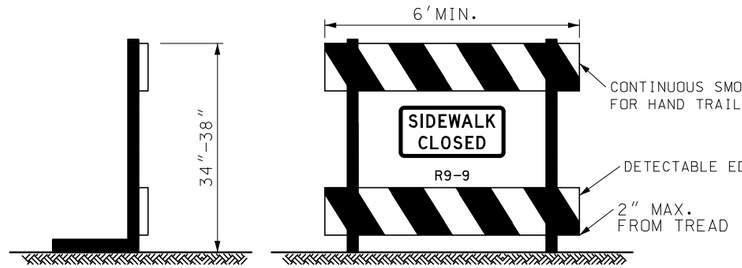


ORANGE PLASTIC SAFETY FENCE

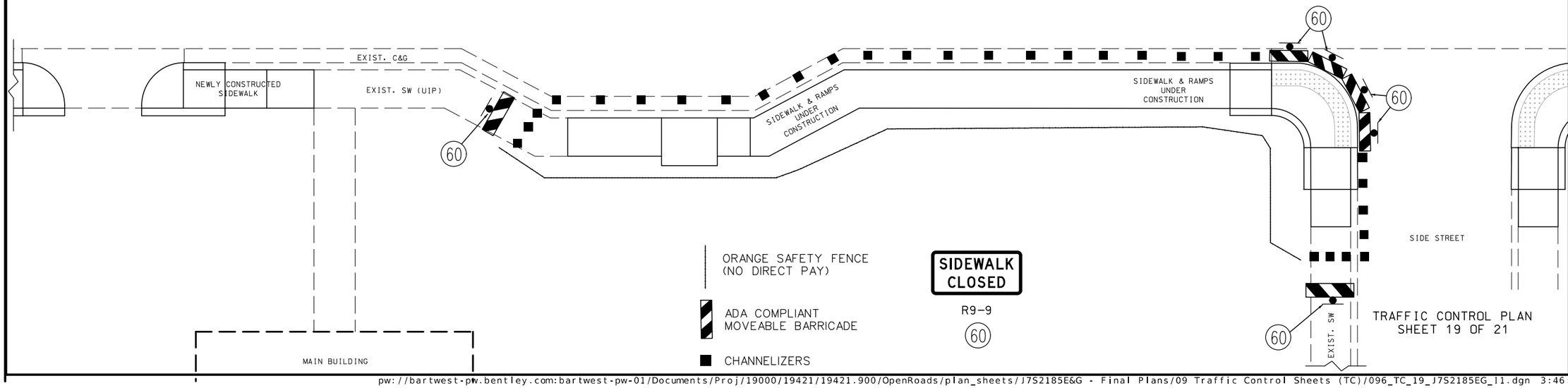


NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST, ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

ADA COMPLIANT MOVEABLE BARRICADE



1. WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
2. CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS IS REQUIRED.
3. NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
4. THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.



TRAFFIC CONTROL PLAN
SHEET 19 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025
ROUTE 66 | STATE MO
DISTRICT SW | SHEET NO. 96
COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

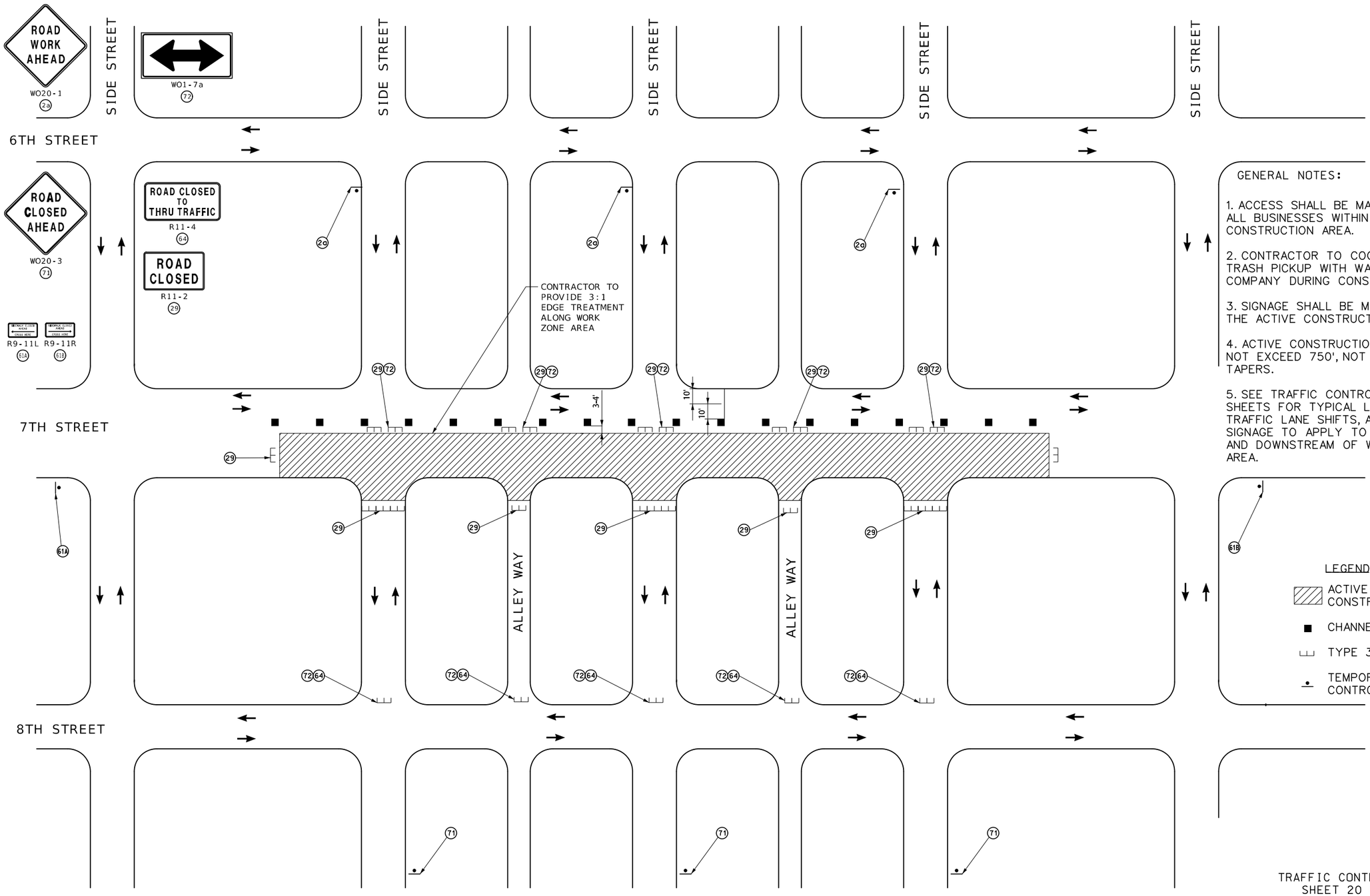
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EASTBOUND LANE CLOSURES DETOUR ROUTING (TWO-WAY TRAFFIC)



GENERAL NOTES:

1. ACCESS SHALL BE MAINTAINED TO ALL BUSINESSES WITHIN THE CONSTRUCTION AREA.

2. CONTRACTOR TO COORDINATE TRASH PICKUP WITH WASTE DISPOSAL COMPANY DURING CONSTRUCTION.

3. SIGNAGE SHALL BE MOVED ALONG THE ACTIVE CONSTRUCTION AREA.

4. ACTIVE CONSTRUCTION AREA SHALL NOT EXCEED 750', NOT INCLUDING TAPERS.

5. SEE TRAFFIC CONTROL DETAIL SHEETS FOR TYPICAL LANE CLOSURES, TRAFFIC LANE SHIFTS, AND PEDESTRIAN SIGNAGE TO APPLY TO UPSTREAM AND DOWNSTREAM OF WORK ZONE AREA.

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 20 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	97

COUNTY: JASPER

JOB NO.: J7S2185E,G

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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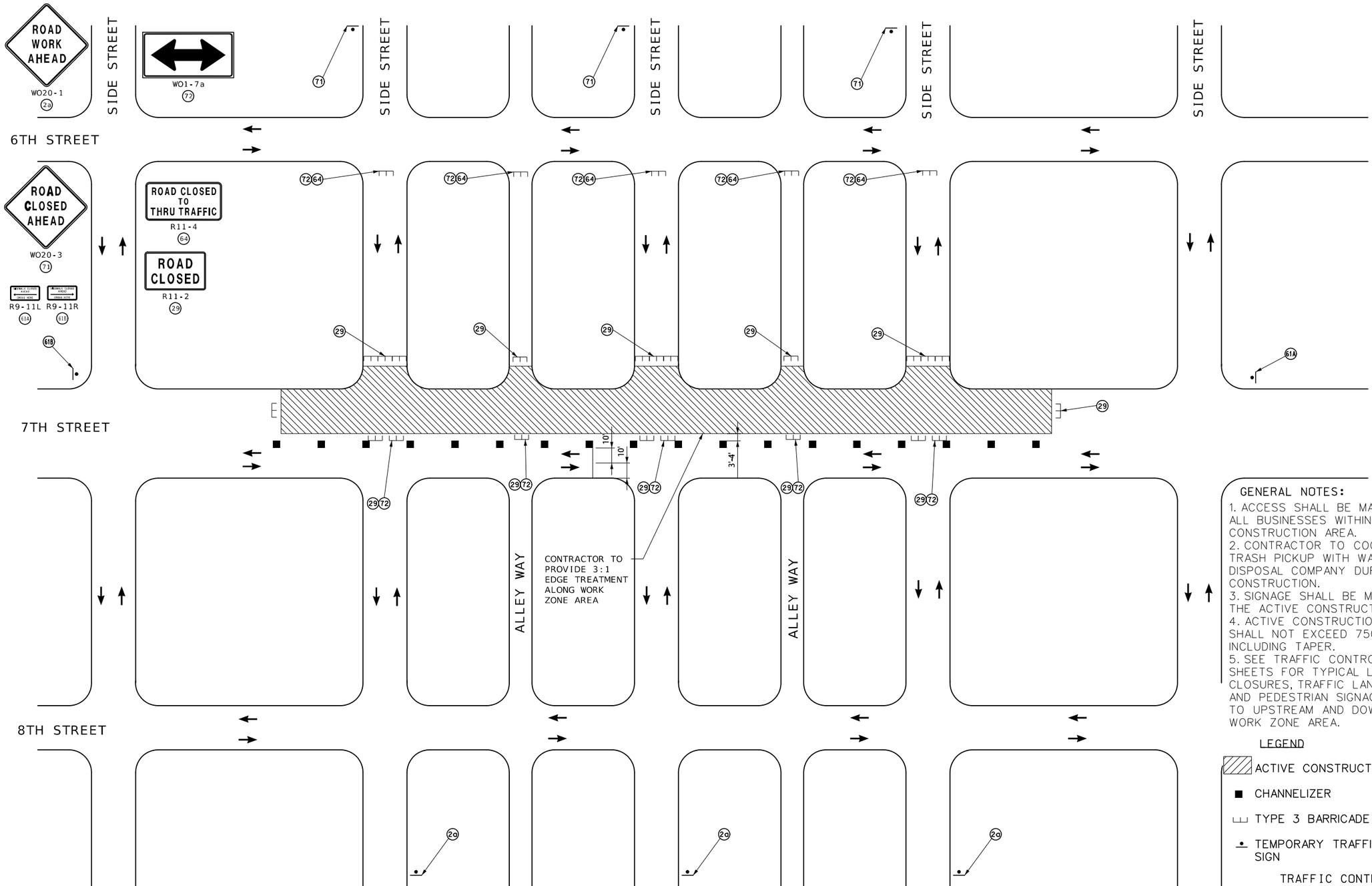
WESTBOUND LANE CLOSURES DETOUR ROUTING (TWO-WAY TRAFFIC)



GENERAL NOTES:

1. ACCESS SHALL BE MAINTAINED TO ALL BUSINESSES WITHIN THE CONSTRUCTION AREA.
2. CONTRACTOR TO COORDINATE TRASH PICKUP WITH WASTE DISPOSAL COMPANY DURING CONSTRUCTION.
3. SIGNAGE SHALL BE MOVED ALONG THE ACTIVE CONSTRUCTION AREA.
4. ACTIVE CONSTRUCTION AREA SHALL NOT EXCEED 750', NOT INCLUDING TAPER.
5. SEE TRAFFIC CONTROL DETAIL SHEETS FOR TYPICAL LANE CLOSURES, TRAFFIC LANE SHIFTS, AND PEDESTRIAN SIGNAGE TO APPLY TO UPSTREAM AND DOWNSTREAM OF WORK ZONE AREA.

LEGEND

- ACTIVE CONSTRUCTION AREA
- CHANNELIZER
- TYPE 3 BARRICADE
- TEMPORARY TRAFFIC CONTROL SIGN

TRAFFIC CONTROL PLAN
SHEET 21 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	98

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE J7S2185D FOR EROSION CONTROL FROM STA. 49+02.50 TO STA. 51+10.00

INLET CHECK +98.51

INLET CHECK +38.78

SILT FENCE 96 LF

INLET CHECKS +92.86

INLET CHECK +51.13

NEW R/W

INLET CHECKS +33.26

SILT FENCE 18 LF

INLET CHECK +19.20

50

ST. LOUIS AVE.

MATCHLINE STA. 49+02.50

MATCHLINE STA. 54+17.50

℄ ROUTE 66 (7TH STREET)

POT STA EQ1 52+16.40

NEW R/W

NEW R/W

SILT FENCE 77 LF

SILT FENCE 109 LF

ST. LOUIS AVE.

SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL QUANTITIES (THIS SHEET)

INLET CHECK – 6 EA
SILT FENCE – 300 LF

EROSION CONTROL
SHEET 1 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	99

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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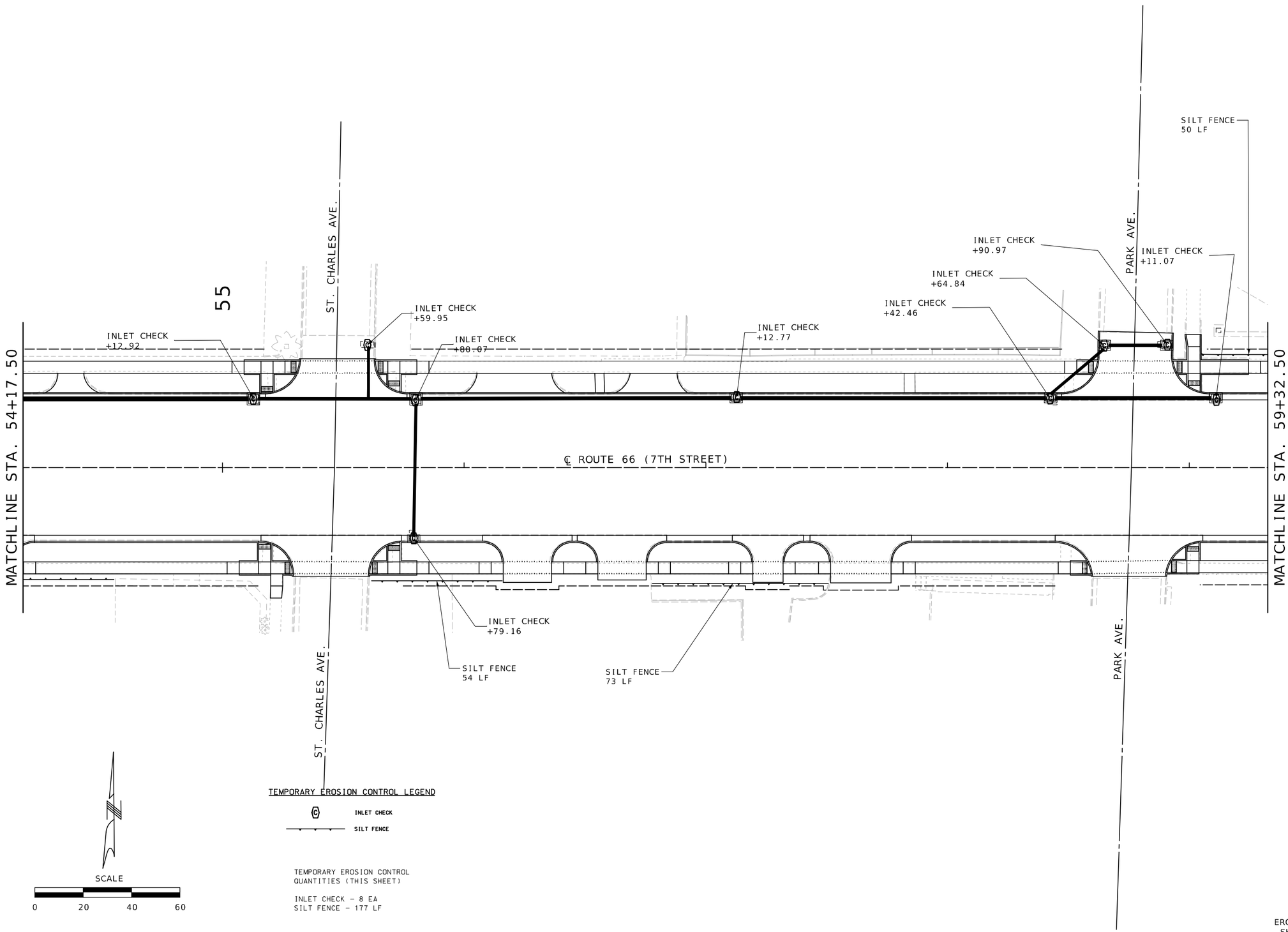


SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL QUANTITIES (THIS SHEET)

INLET CHECK – 8 EA
SILT FENCE – 177 LF

EROSION CONTROL
SHEET 2 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/2/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	100

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

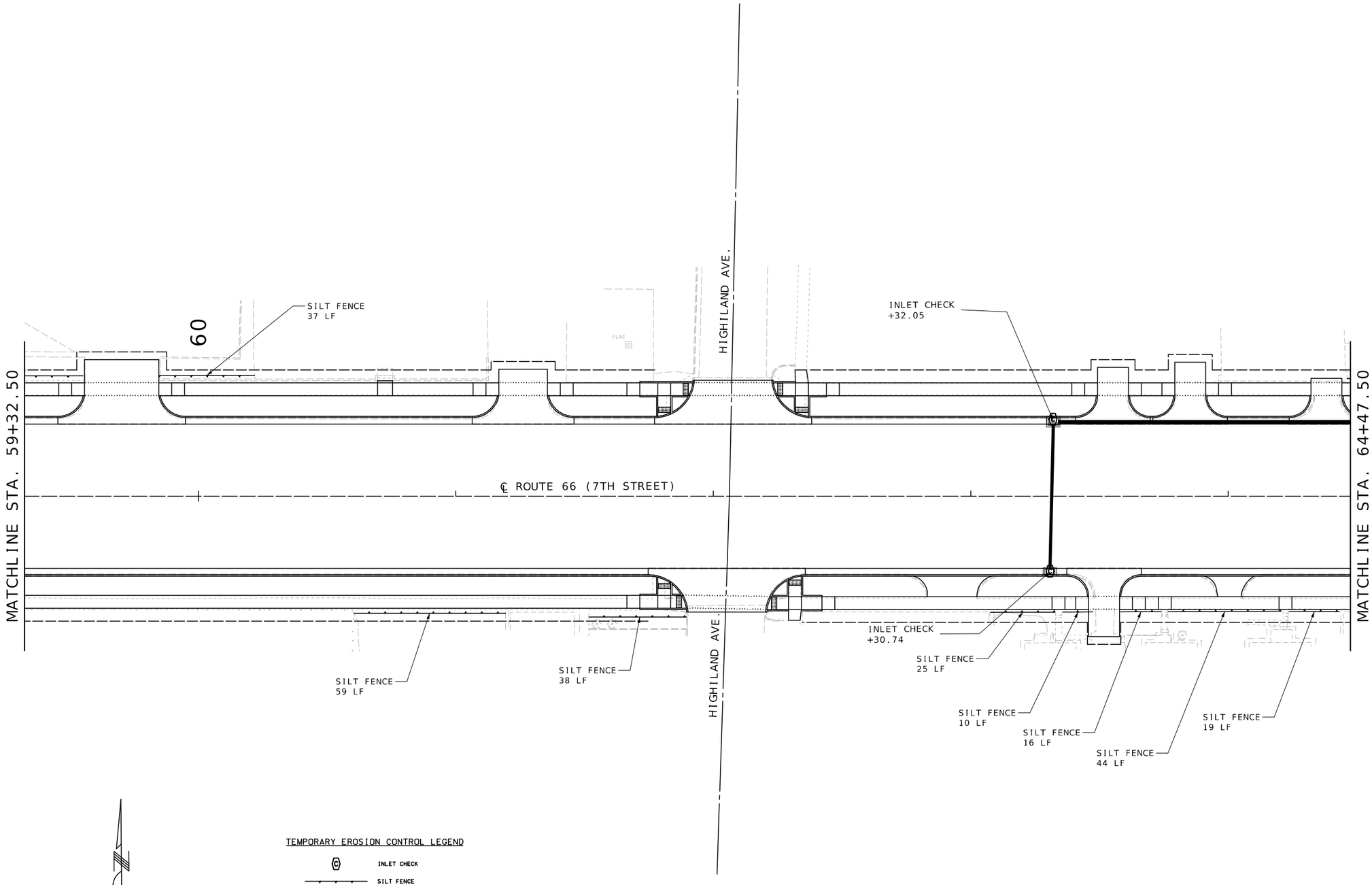
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 2 EA
SILT FENCE – 248 LF

EROSION CONTROL
SHEET 3 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	101

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

NO.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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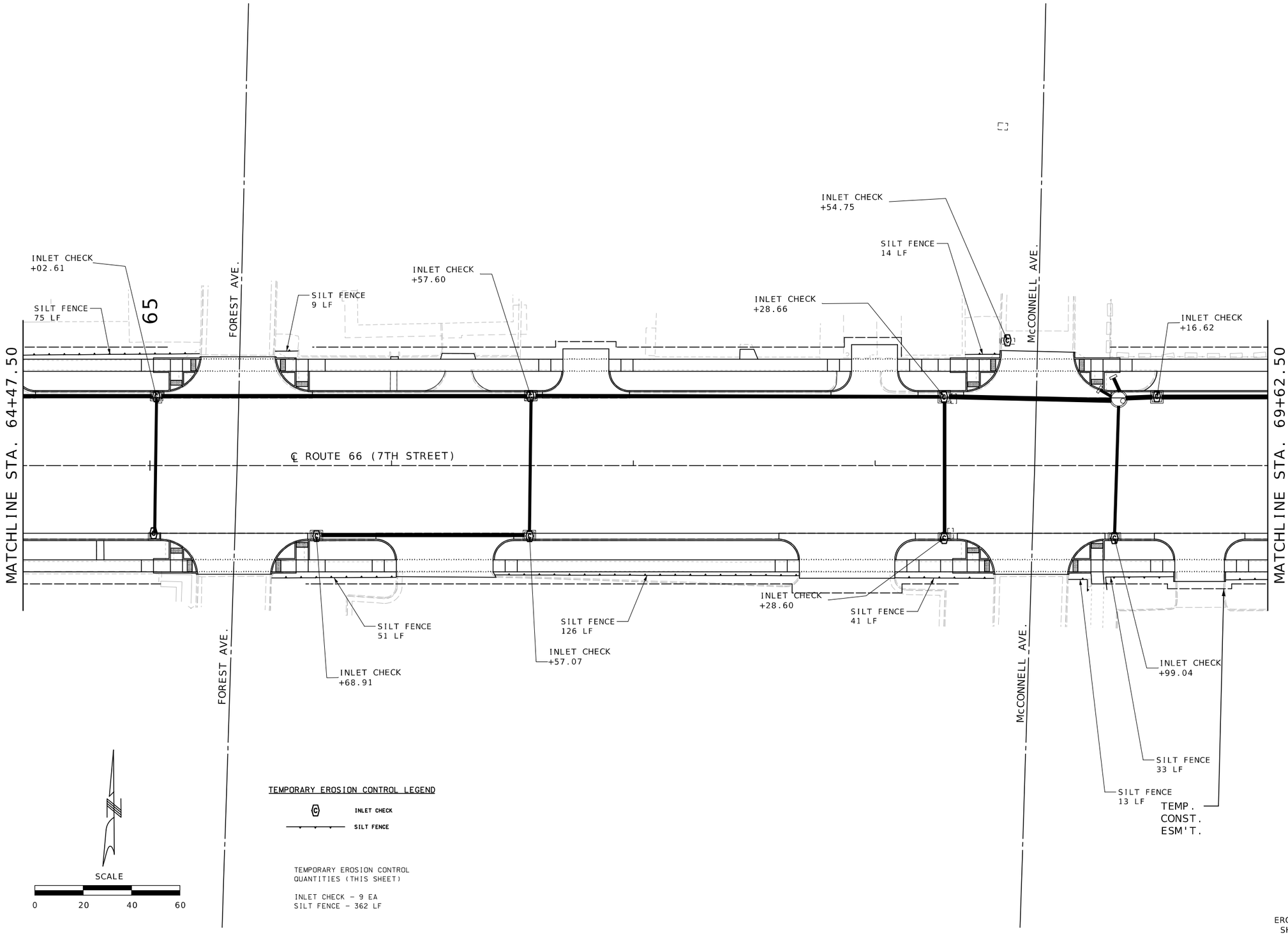
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



EROSION CONTROL
SHEET 4 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	102

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 05101-3180
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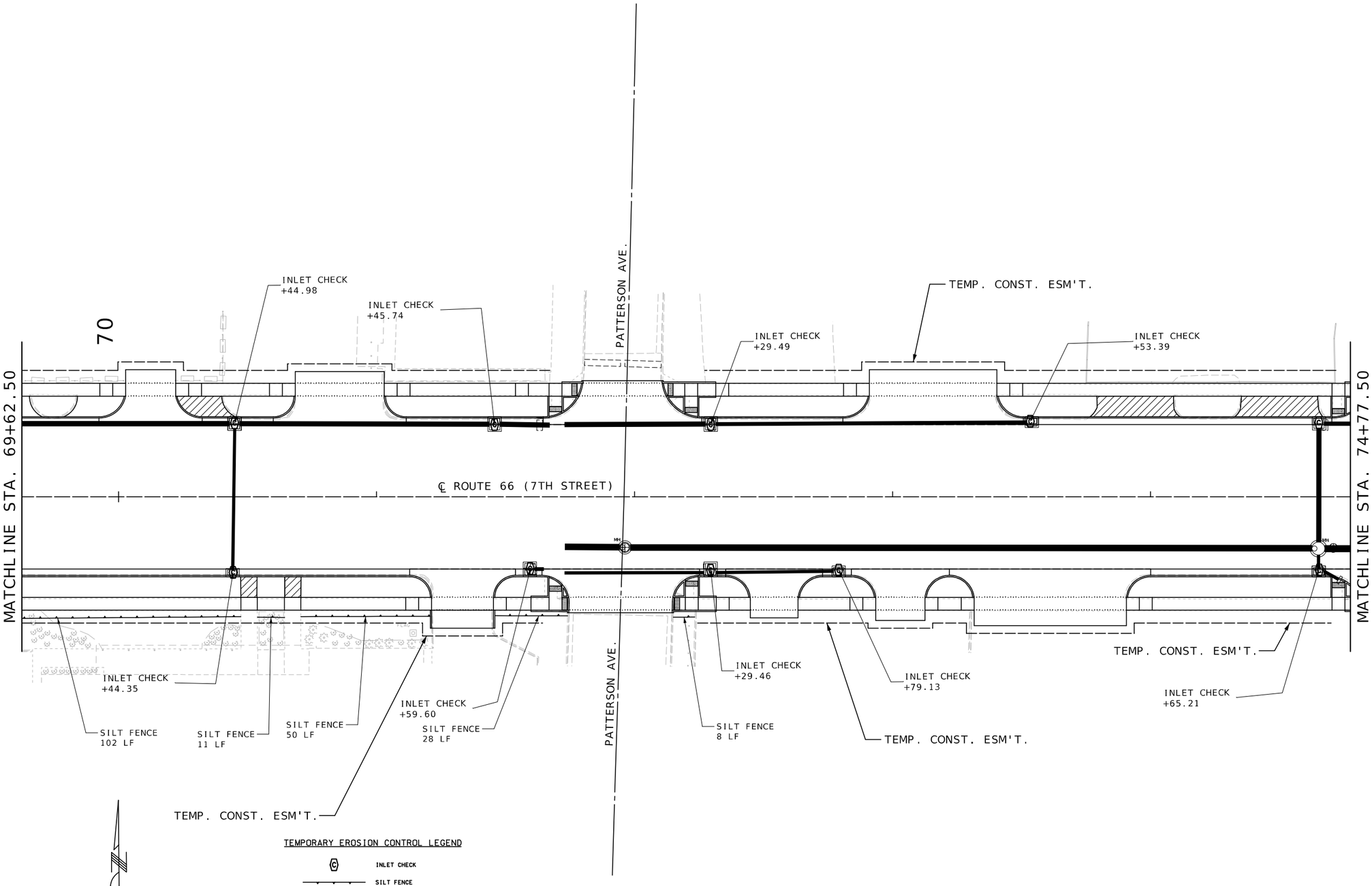

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

SCALE

0 20 40 60

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 9 EA
SILT FENCE – 199 LF

EROSION CONTROL
SHEET 5 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	103

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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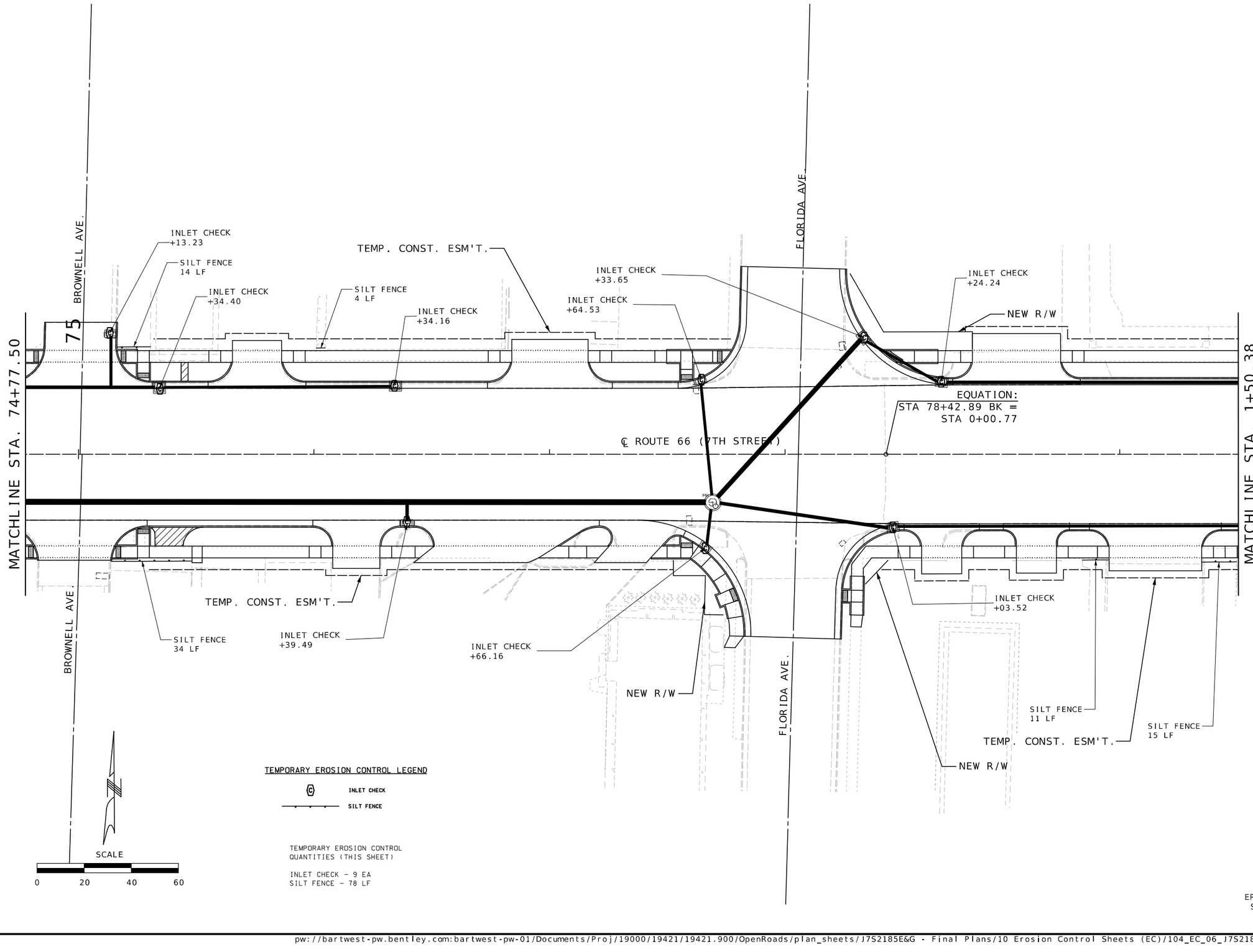

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 9 EA
SILT FENCE – 78 LF

EROSION CONTROL
SHEET 6 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	104

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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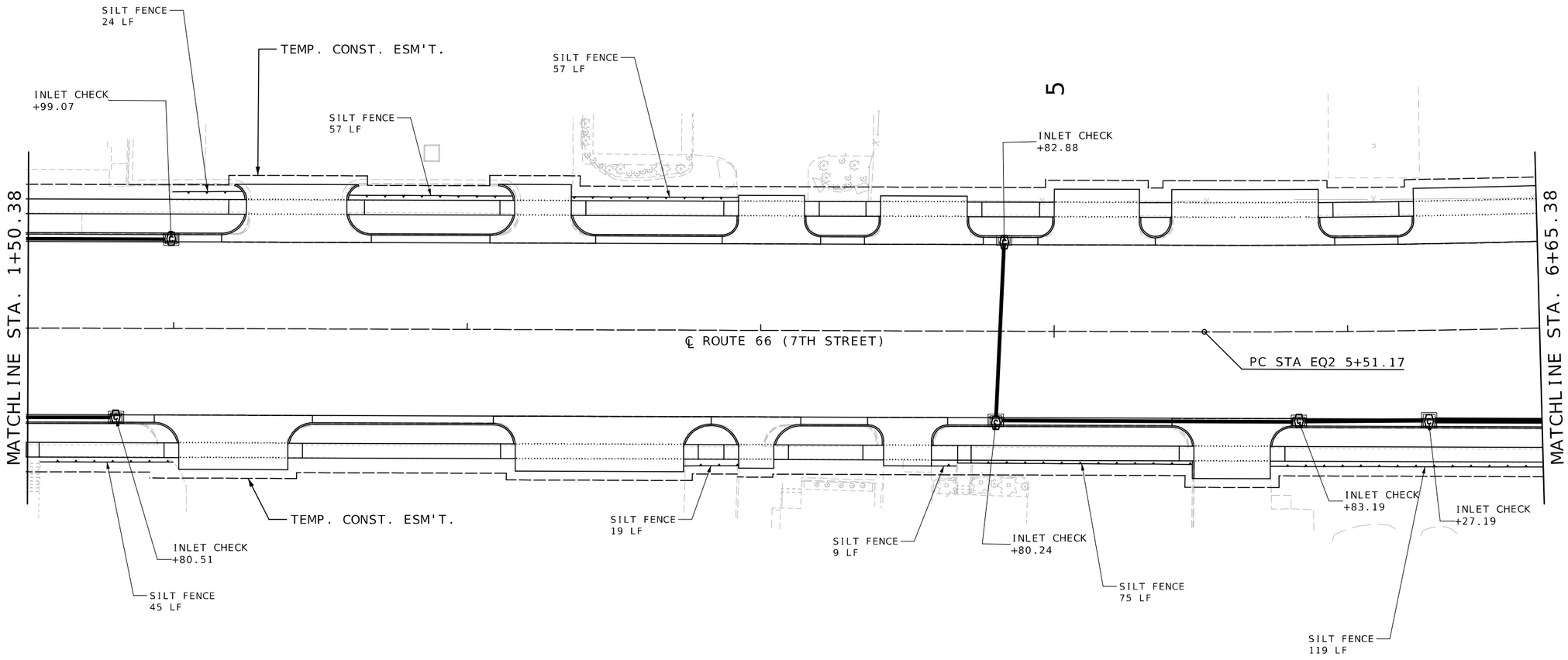

SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 6 EA
SILT FENCE – 405 LF

EROSION CONTROL
SHEET 7 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	105

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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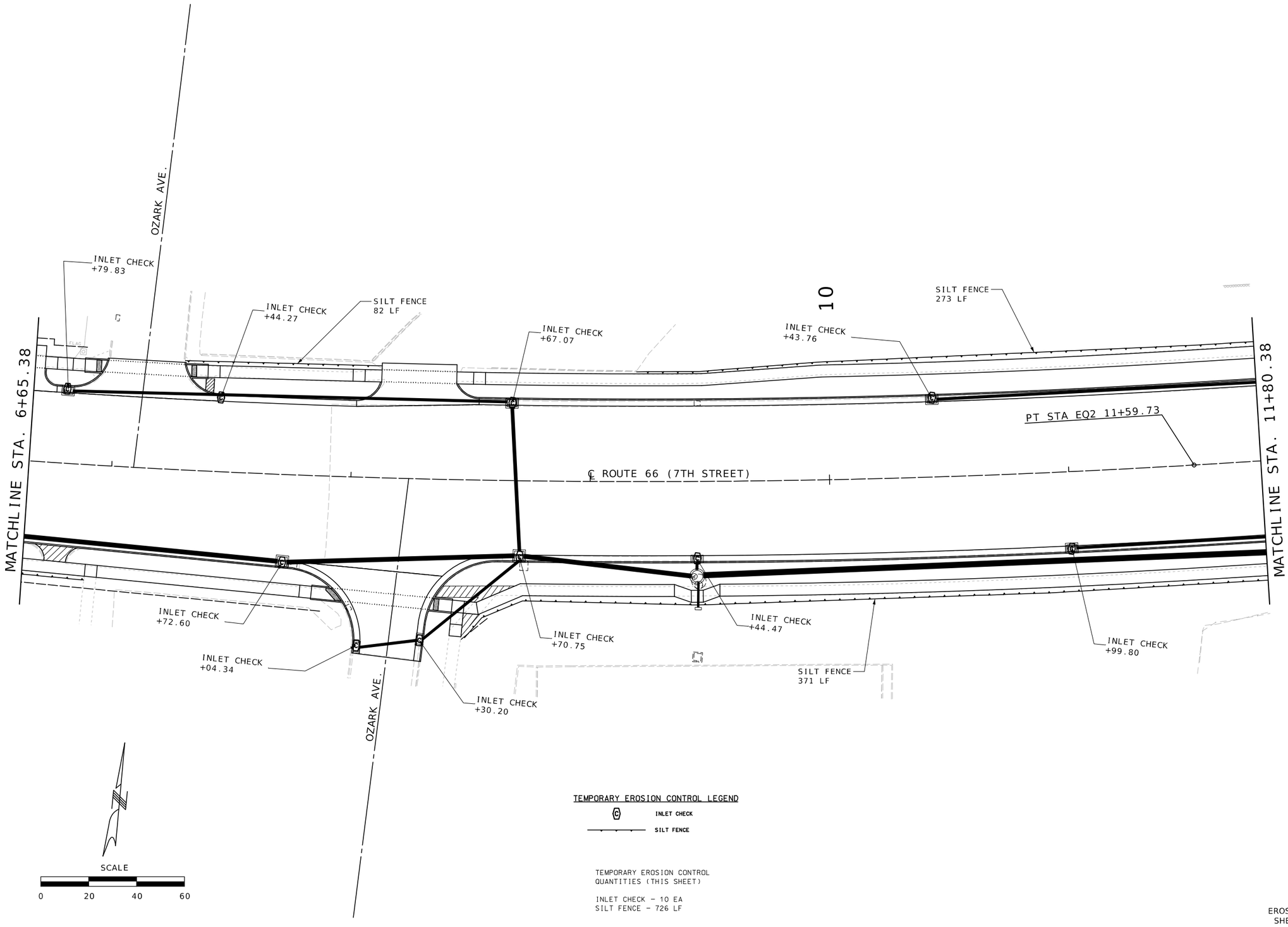

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 10 EA
SILT FENCE – 726 LF

EROSION CONTROL
SHEET 8 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	106

COUNTY: JASPER

JOB NO.: J7S2185E,G

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

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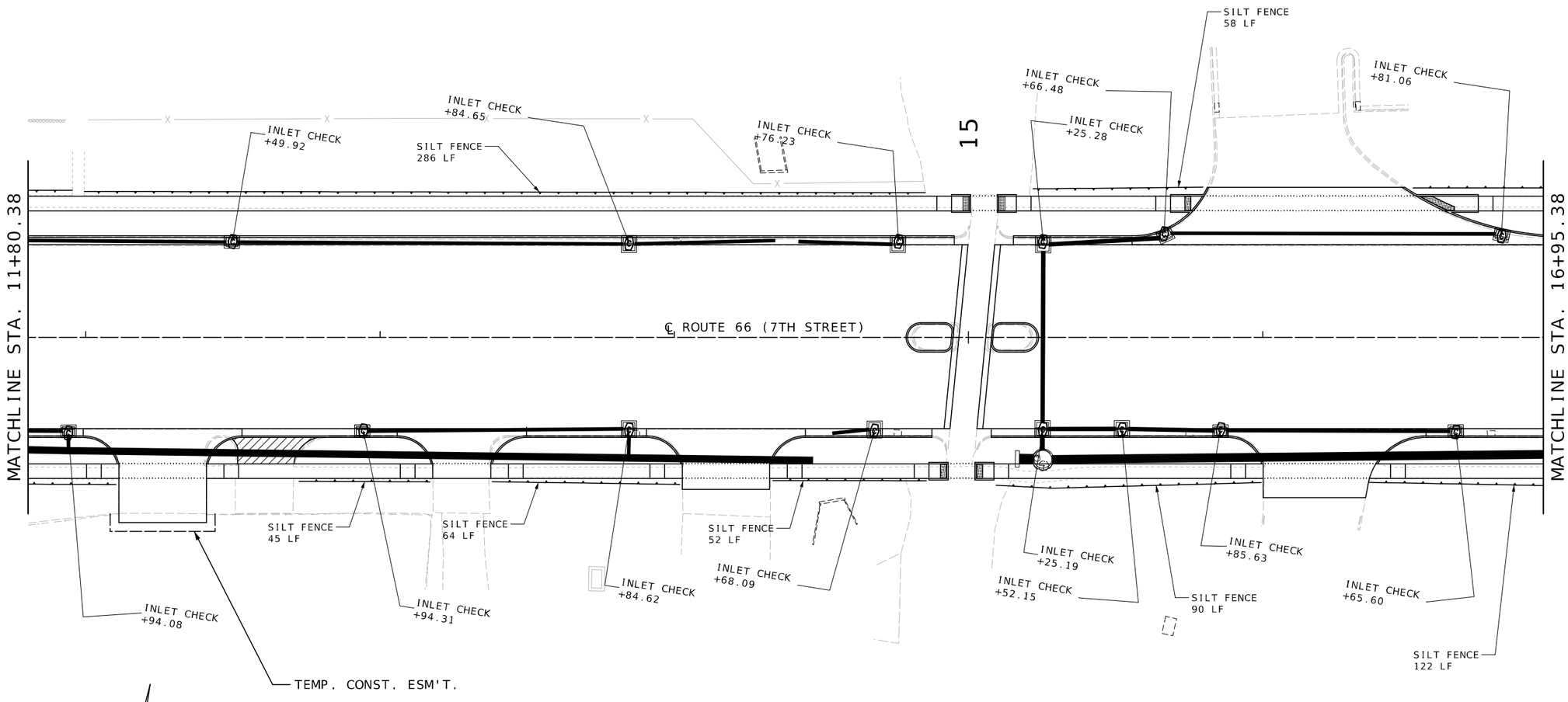

SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL QUANTITIES (THIS SHEET)

INLET CHECK – 14 EA
SILT FENCE – 717 LF

EROSION CONTROL
SHEET 9 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/5/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	107

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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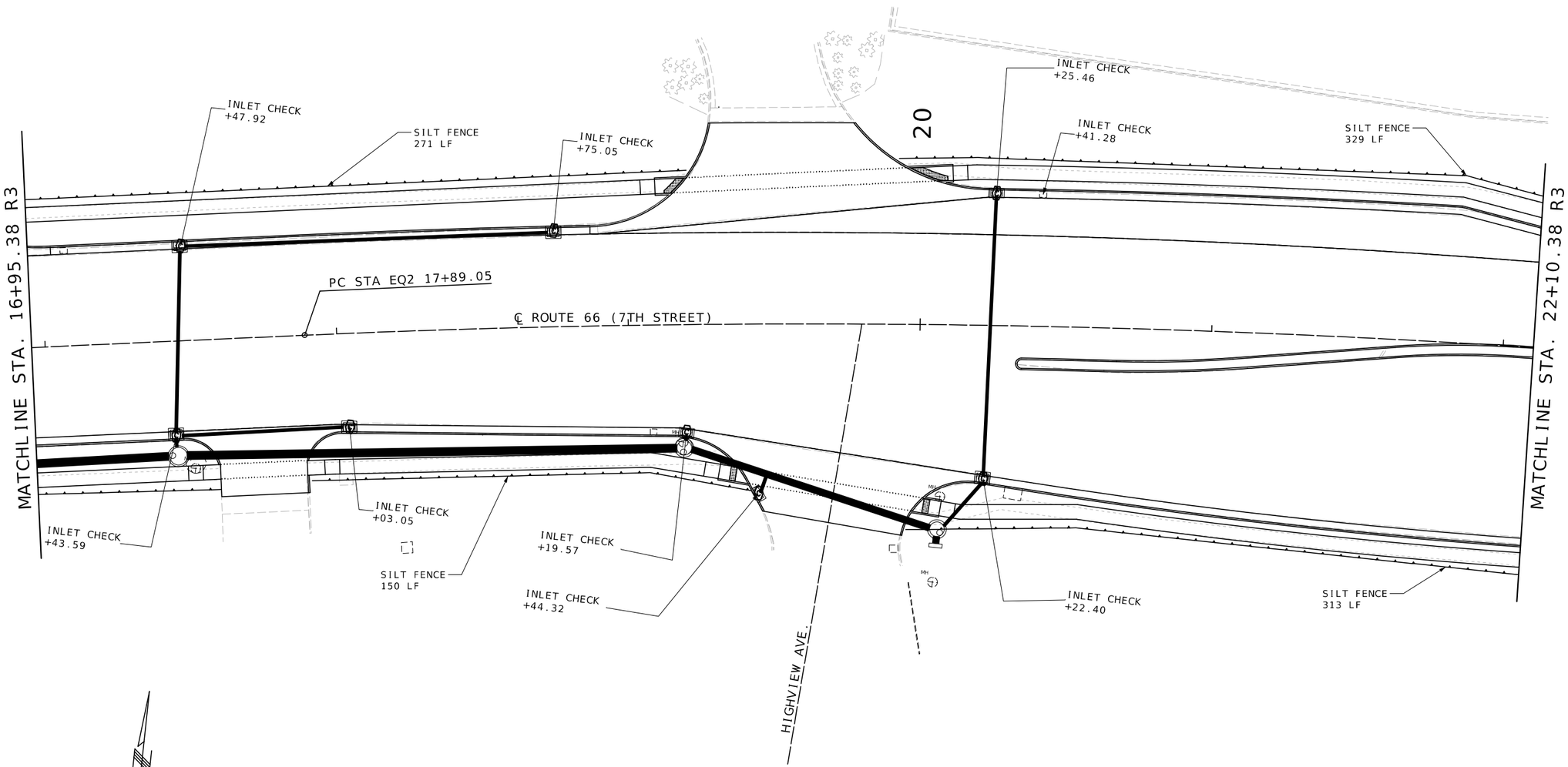


TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL QUANTITIES (THIS SHEET)

INLET CHECK – 9 EA
SILT FENCE – 1063 LF

EROSION CONTROL
SHEET 10 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	108

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

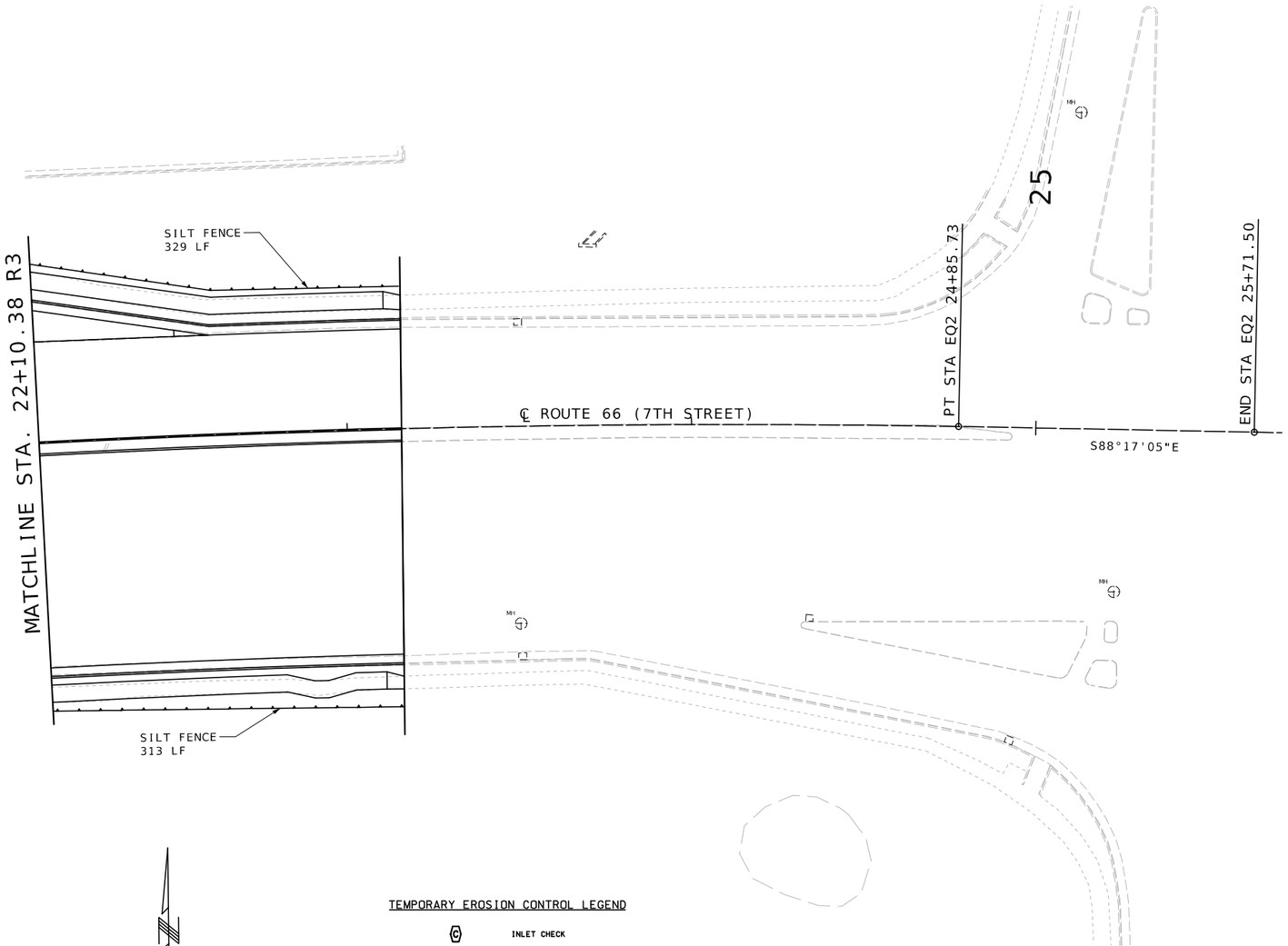
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.900/OpenRoads/plan_sheets/J7S2185E&G - Final Plans/10 Erosion Control Sheets (EC)/108_EC_10_J7S2185EG_I20.dgn 3:52:54 PM 8/4/2025



SCALE

0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

INLET CHECK

SILT FENCE

TEMPORARY EROSION CONTROL
QUANTITIES (THIS SHEET)

INLET CHECK – 0 EA
SILT FENCE – 642 LF

EROSION CONTROL
SHEET 11 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	109

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

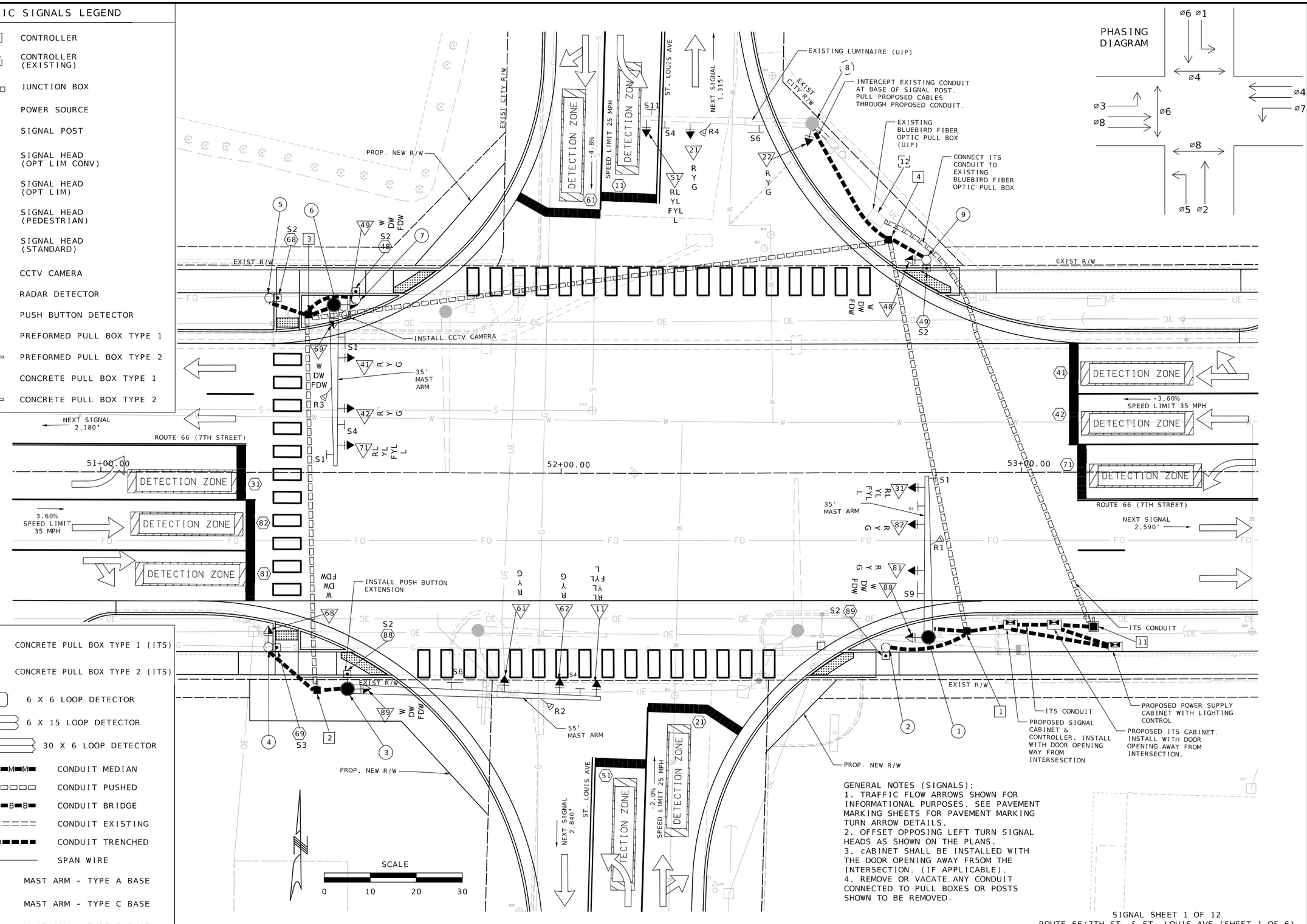
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SOURCE
- SIGNAL POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2

- ITS CONCRETE PULL BOX TYPE 1 (ITS)
- ITS CONCRETE PULL BOX TYPE 2 (ITS)
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE



GENERAL NOTES (SIGNALS):
1. TRAFFIC FLOW ARROWS SHOWN FOR INFORMATIONAL PURPOSES. SEE PAVEMENT MARKING SHEETS FOR PAVEMENT MARKING TURN ARROW DETAILS.
2. OFFSET OPPOSING LEFT TURN SIGNAL HEADS AS SHOWN ON THE PLANS.
3. cABINET SHALL BE INSTALLED WITH THE DOOR OPENING AWAY FR5OM THE INTERSECTION. (IF APPLICABLE).
4. REMOVE OR VACATE ANY CONDUIT CONNECTED TO PULL BOXES OR POSTS SHOWN TO BE REMOVED.

SIGNAL SHEET 1 OF 12
ROUTE 66/7TH ST. & ST. LOUIS AVE.(SHEET 1 OF 6)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED,SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	110

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE: 07/01/2018

POST

POST NUMBER	PULL BOX NUMBER	LOCATION APPROACH	STATION	OFFSET	BASE A 9	A 9.5	A 10	A 10.5	A 11	A 12	F 9	F 9.5	F 10	F 10.5	F 11	F 12	C	CONCRETE** (CU. YDS.)
CONT.		SE CORNER	52+97.52	33.12' RT														1.31
ITS		SE CORNER	53+07.04	33.14' RT														1.31
	1	SE CORNER	52+88.06	34.46' RT														
	2	SW CORNER	51+47.08	47.30' RT														
	3	NW CORNER	51+45.04	34.34' LT														
	4	NE CORNER	52+71.22	50.69' LT														
	11	SE CORNER	53+15.60	33.56' RT														
	12	NE CORNER	USE EXISTING PULL BOX															
P.S.		SE CORNER	53+20.28	38.00' RT														0.92
1		SE CORNER	52+79.70	35.78' RT		1												3.01
2		SE CORNER	52+70.44	38.00' RT													1	0.44
3		SW CORNER	51+53.71	47.00' RT				1										3.27
4		SW CORNER	51+36.48	38.00' RT													1	0.44
5		NW CORNER	51+36.48	37.89' LT													1	0.44
6		NW CORNER	51+50.50	36.45' LT	1													3.01
7		NW CORNER	51+55.29	37.55' LT													1	0.44
8		NE CORNER	USE EXISTING SIGNAL POST															
9		NE CORNER	52+79.52	46.24' LT													1	0.44
				SUBTOTAL														15.03
				TOTAL														15.0

POST NUMBER	PULL BOX NUMBER	PULL BOX PREFORMED CONCRETE CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	STANDARD (ITS)	DRAIN TYPE* I	II A	II B	II C	TOP MOUNT POST J7S2185G 4 FT.	8 FT.	15 FT.
CONT.																
ITS																
	1						1			1						
	2					1					1					
	3					1				1						
	4					1				1						
	11								1		1					
	12															
P.S.																
1																
2														1		
3															1	
4															1	
5														1		
6																1
7														1		
8																1
9															1	
						3	1		1					3	2	
						3	1		1					3^	2^	

POST NUMBER	PULL BOX NUMBER	TYPE C & CL ARM LENGTH 35' A	55' A	SIGNAL SPACING A	SIGNAL SPACING B	SIGNAL SPACING C	SIGNAL SPACING D	SIGNAL SPACING D'	SIGN SPACING A	SIGN SPACING B	SIGN SPACING C	SIGN SPACING D	SIGN SPACING D'	TYPE B & BL ARM LENGTH E	LEFT ARM E SIGNAL SPACING K	LEFT ARM E SIGNAL SPACING E	LEFT ARM E SIGNAL SPACING K	LEFT ARM E SIGNAL SPACING E	LEFT ARM E SIGNAL SPACING K	LEFT ARM E SIGN SPACING F	LEFT ARM E SIGN SPACING G	LEFT ARM E SIGN SPACING H	LEFT ARM E SIGN SPACING H'	LEFT ARM E SIGN SPACING F	LEFT ARM E SIGN SPACING G	LEFT ARM E SIGN SPACING H	LEFT ARM E SIGN SPACING H'	RIGHT ARM K SIGNAL SPACING L	RIGHT ARM K SIGNAL SPACING M	RIGHT ARM K SIGNAL SPACING N	RIGHT ARM K SIGNAL SPACING N'	RIGHT ARM K SIGN SPACING L	RIGHT ARM K SIGN SPACING M	RIGHT ARM K SIGN SPACING N	RIGHT ARM K SIGN SPACING N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
CONT.																																						
ITS																																						
	1	1			13.5	10.0	8.0		8.5	15.0	10.0																											
	2																																					
	3		1		33.0	12.0	8.0		21.5	28.0																												
	4																																					
	5																																					
	6	1			10.5	11.0	8.0		6.0	15.5	8.0	2.0																									
	7																																					
	8				25.5	9.5			10.5	20.5	3.0																											
	9																																					
		2	1																																		
		2^	1^																																			

SIGNAL HEADS

^ INCLUDED IN J7S2185G

| SPAN NUMBER | POST NUMBER | FACE NUMBER | LUMINAIRE LED-A | INDICATIONS * 12" LENS CONVENTIONAL R | Y | YL | YRt | FYL | FYR | G | S | L | Rt | 12" LENS OPTICAL LIMITING R | Y | YL | YRt | YL | YRt | G | S | L | Rt | VISORS * 12" LENS | PED. | LOUVERS * A | B | C | D | E | F | BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | RETROREFLECTIVE BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | BRACKET* TYPE I | II | III | ONE-FACE SECTION 1- T | S^ | C | B | 3- T | S | C | B | 4- T | S | C | B | 5- T | S | C | B | TWO-FACE SECTIONS 11- T | S | B | 33- T | S | C | B | 34- S | B | 35- S | B | 44- S | B | 45- S | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

PS = POWER SUPPLY

CONDUIT (WITH #14 TRACER WIRE)

CABLE

EFFECTIVE: 10-01-2015

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			ITS TRENCH			ITS PUSHED			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
PS	HS	24'		32'													
PS	LTS HS	14'		22'													
HS	LTS HS	10'										26'					
HS	1	10'				26'											TWO RUNS OF 13'
LTS HS	11	9'										12'					
1	4	87'								85'							
4	3	132'								130'							
3	2	82'								80'							
11	12	121'													119'		INSTALL TO BLUEBIRD FIBER OPTIC PULLBOX
1	1	9'				10'											
1	2	21'			22'												
2	3	7'				8'											
2	4	16'			17'												
3	5	12'			13'												
3	6	6'				7'											
3	7	16'			17'												
4	8	31'				32'											
4	9	10'			11'												

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
			DRAWING 902.15		CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	WITHOUT LIGHTING CONTROLLER (902.86-20)	WITH LIGHTING CONTROLLER (902.86-21)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
SE CORNER	53+20.28	38.00' RT	Type	II	15 Amps	15 Amps	100 Amps	100 Amps	1	100 Amps	CI. Ft.	
			Type		15 Amps	Amps	Amps	Amps		Amps	CI. Ft.	

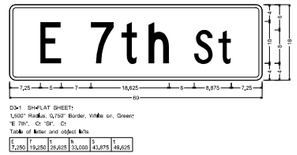
* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** COST OF DETECTOR CARDS, IF REQUIRED, INCLUDED IN COST OF RADAR DETECTION SYSTEM.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.





CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *					ITS CABINET	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP									
APPROACH	STATION	OFFSET	NEMA	2070	NEMA	2070	I	II	MASTER	LOCAL		NEMA	170	FIBER		E	EV	DOUBLE	332	336S	OMNIeX	WAPITI
SE CORNER	52+97.52	33.12' RT				1													1		1	
SE CORNER	53+07.04	33.14' RT													1							

RADAR DETECTION SYSTEM, CONTRACTOR FURNISHED
CONTRACTOR INSTALLED
1 EACH

UNINTERRUPTIBLE POWER SUPPLY (UPS)
1 EACH
UPS SHALL BE MOUNTED TO POWER SUPPLY ASSEMBLY

CCTV CAMERA ASSEMBLY, INSTALLED
1 EACH

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		J7S2185G		INDUCTION LOOP (2)			RADAR
		APS PUSH BUTTON	PUSH BUTTON EXTENSION	STANDARD	DELAY/ EXTEND *	CALL UNIT *	
R1	EASTBOUND						&&
R2	SOUTHBOUND						&&
R3	WESTBOUND						&&
R4	NORTHBOUND						&&
48	N/W CORNER-NORTH LEG	1					
49	N/E CORNER-NORTH LEG	1					
68	N/W CORNER-WEST LEG	1					
69	S/W CORNER-WEST LEG	1					
88	S/W CORNER-SOUTH LEG	1	1				
89	S/E CORNER-SOUTH LEG	1					
TOTAL		6	1				

INCLUDED IN J7S2185G

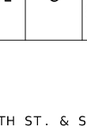
&& NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONES. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.



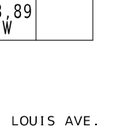
S1 R3-5L



S2 R10-3eL



S3 R10-3eR



S4 R10-27a

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES *	EACH	18

SIGNAL SIGNS

	QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
			INCHES	SQ.FT.	SQ.FT.	EA.
		R10-10L	24 X 30	5.0		
		R10-10R	24 X 30	5.0		
S1	3	R3-5L	30 X 36	7.5	22.5	3
		R3-5R	30 X 36	7.5		
		R3-5A	30 X 36	7.5		
		R3-6L	30 X 36	7.5		
		R3-6R	30 X 36	7.5		
		R3-2	24 X 24	4.0		
		R3-1	24 X 24	4.0		
		R3-3	24 X 24	4.0		
S6	2	D3-1 ***	60 X 18	7.5	15.0	2
S9	2	D3-1 ***	96 X 18	12.0	24.0	2
		D3-1B ***	VAR. X 18			
S2	5	R10-3eL	9 X 15	0.9	&	&
S3	1	R10-3eR	9 X 15	0.9	&	&
		R10-11A	24 X 30	5.0		
		R10-13	36 X 24	6.0		
S4	4	R10-27A	30 X 36	7.5	30.0	4
				SUBTOTAL	91.5	11
				TOTAL	91.5	11

&: COST OF PEDESTRIAN SIGNS AND MOUNTING HARDWARE INCLUDED IN BID ITEM FOR APS.

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U	51	21			71	41					UPS	P2	P6	FLASH SENSE
	L		22				42					UPS	P4	P8	STOP TIME
"J"	U	11	61			31	81								
	L		62				82								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

2070 OUTPUT FILE ASSIGNMENTS

FR1	51 RL YL FYL	21,22 R Y G	51 L	71 RL YL FYL	41,42 R Y G	71 48,49 DW L 48,49 W	MONITOR
FR2							
FR3	11 RL YL FYL	61,62 R Y G	11 68,69 DW L 68,69 W	31 RL YL FYL	81,82 R Y G	31 88,89 DW L 88,89 W	
FR4							

ROUTE 66/7TH ST. & ST. LOUIS AVE.
INTERSECTION

SIGNAL SHEET 4 OF 12
ROUTE 66/7TH ST. & ST. LOUIS AVE. (SHEET 4 OF 6)

D-37C

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008022211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	113

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

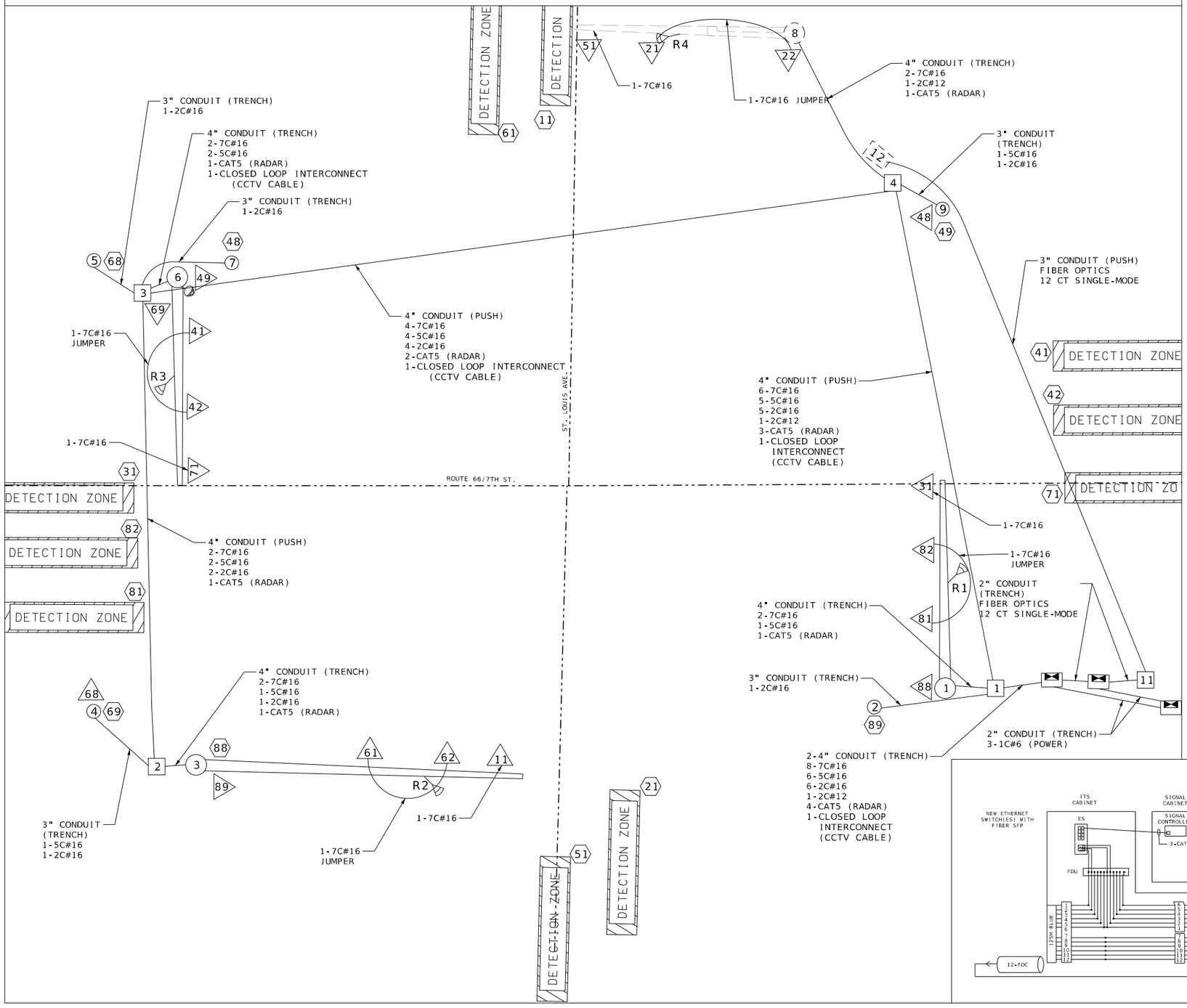
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

- CONDUIT CONTAINING CABLE WITH SIZE
- CONDUIT EXISTING
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #12 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- POST WITH NUMBER
- DETECTOR WITH NUMBER
- SIGNAL HEAD WITH NUMBER
- POST WITH NUMBER AND MAST ARM
- POWER SUPPLY
- SIGNAL CABINET
- POST WITH NUMBER (EXISTING)
- DETECTOR WITH NUMBER (EXISTING)
- SIGNAL HEAD WITH NUMBER (EXISTING)
- POST WITH NUMBER AND MAST ARM (EXISTING)
- RADAR DETECTION

ROUTE 66/7TH ST. & ST. LOUIS AVE.

INTERSECTION

SIGNAL SHEET 5 OF 12
ROUTE 66/7TH ST. & ST. LOUIS AVE. (SHEET 5 OF 6)

D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	114

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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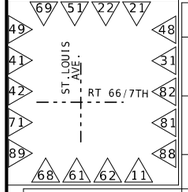
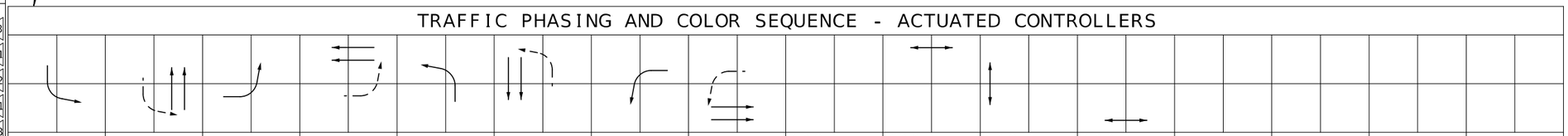
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 12/01/2017

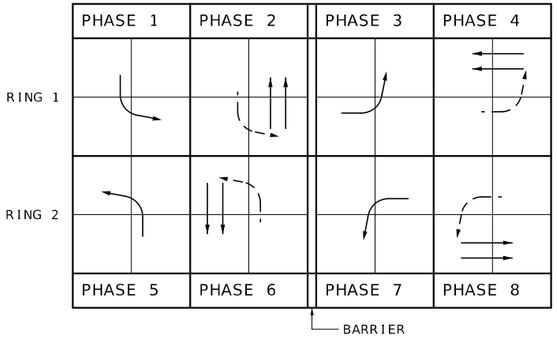
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS	11	22 21	31	41 42	51	61 62	71	81 82		48 49	68 69	88 89	FACE NUMBERS
SIGNAL INDICATIONS R	RL	R R	RL	R R	RL	R R	RL	R R		DW DW	DW DW	DW DW	R
SIGNAL INDICATIONS Y	YL	Y Y	YL	Y Y	YL	Y Y	YL	Y Y					Y
SIGNAL INDICATIONS FYA	FYL		FYL		FYL		FYL			FDW FDW	FDW FDW	FDW FDW	FYA
SIGNAL INDICATIONS G	L	G G	L	G G	L	G G	L	G G		W W	W W	W W	G
DETECTOR ASSIGNMENTS	11	22 21	31	41 42	51	61 62	71	81 82					DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)										48 49	68 69	88 89	
OVERLAP PARENT PHASES													



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL APPROACHES	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE 66/7TH ST.

WITH ST. LOUIS AVE.

SIGNAL SHEET 6 OF 12
ROUTE 66/7TH ST. & ST. LOUIS AVE. (SHEET 6 OF 6)

D-38A

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2009002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	115

COUNTY: JASPER

JOB NO.: J7S2185E,G

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

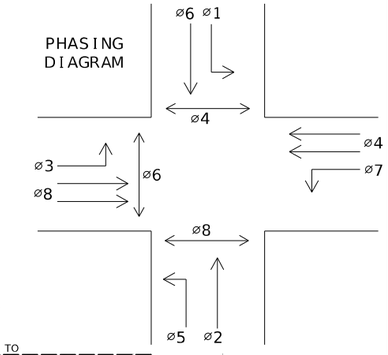
TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SOURCE
- SIGNAL POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1 (ITS)
- CONCRETE PULL BOX TYPE 2 (ITS)

TRAFFIC SIGNALS LEGEND

- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

PHASING DIAGRAM



PROPOSED POWER SUPPLY CABINET

PROPOSED SIGNAL CABINET & CONTROLLER. INSTALL WITH DOOR OPENING AWAY FROM INTERSECTION

ITS CONDUIT

PROPOSED ITS CABINET. INSTALL WITH DOOR OPENING AWAY FROM INTERSECTION.

INTERCEPT EXISTING BLUEBIRD FIBER OPTIC CABLE. INSTALL NEW ITS PULLBOX.

CONNECT CONDUIT TO RELOCATED BLUEBIRD PULL BOX

EXISTING BLUEBIRD PULL BOX TO BE RELOCATED BY OTHERS.

PROP. NEW R/W

EXIST R/W

INSTALL PUSH BUTTON EXTENSION

INSTALL CCTV CAMERA

45' MAST ARM

40' MAST ARM

55' MAST ARM

NEXT SIGNAL 1,325'

NEXT SIGNAL 2,590'

NEXT SIGNAL 2,600'

ROUTE 66 (7TH STREET)

77+00.00

78+00.00

EQUATION:
STA 78+42.89 BK =
STA 0+00.77

DETECTION ZONE

SPEED LIMIT 35 MPH

-7.0%

-2.94% SPEED LIMIT 35 MPH

2.94% SPEED LIMIT 35 MPH

-4.6%

FLORIDA AVE

NO SIGNALS

SCALE
0 10 20 30

GENERAL NOTES (SIGNALS):
1. TRAFFIC FLOW ARROWS SHOWN FOR INFORMATIONAL PURPOSES. SEE PAVEMENT MARKING SHEETS FOR PAVEMENT MARKING TURN ARROW DETAILS.
2. OFFSET OPPOSING LEFT TURN SIGNAL HEADS AS SHOWN ON THE PLANS.
3. CABINET SHALL BE INSTALLED WITH THE DOOR OPENING AWAY FROM THE INTERSECTION (IF APPLICABLE).
4. REMOVE OR VACATE ANY CONDUIT CONNECTED TO PULL BOXES OR POSTS SHOWN TO BE REMOVED.

SIGNAL SHEET 7 OF 12
ROUTE 66/7TH ST. & FLORIDA AVE. (SHEET 1 OF 6)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	116

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C | CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CONCRETE CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | STANDARD (ITS) | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | TOP MOUNT POST J7S2185G 4 FT. | TOP MOUNT POST J7S2185G 8 FT. | TOP MOUNT POST J7S2185G 15 FT. | POST TYPE C & CL ARM LENGTH 35' A | ARM LENGTH 40' A | ARM LENGTH 45' A | ARM LENGTH 55' A | SIGNAL SPACING B | SIGNAL SPACING C | SIGNAL SPACING D | SIGNAL SPACING D' | SIGN SPACING B | SIGN SPACING C | SIGN SPACING D | SIGN SPACING D' | POST TYPE B & BL ARM LENGTH E | ARM LENGTH K | ARM LENGTH E | ARM LENGTH K | ARM LENGTH E | ARM LENGTH K | LEFT ARM E SIGNAL SPACING F | SIGNAL SPACING G | SIGNAL SPACING H | SIGNAL SPACING H' | LEFT ARM E SIGN SPACING F | SIGN SPACING G | SIGN SPACING H | SIGN SPACING H' | RIGHT ARM K SIGNAL SPACING L | SIGNAL SPACING M | SIGNAL SPACING N | SIGNAL SPACING N' | RIGHT ARM K SIGN SPACING L | SIGN SPACING M | SIGN SPACING N | SIGN SPACING N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			ITS TRENCH			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
PS	[HH]	28'		34'													
PS	[HH] ITS	35'		43'													
[HH]	[HH] ITS	8'										16'					
[HH]	1	6'				18'											TWO RUNS OF 9'
[HH] ITS	11	8'										11'					
1	2	83'								81'							
1	4	116'								114'							
4	3	90'								88'							
11	12	15'										13'					INSTALL TO BLUEBIRD FIBER OPTIC PULLBOX
1	①	6'				7'											
2	②	6'				7'											
2	③	31'			32'												
3	④	24'			25'												
3	⑤	7'				8'											
3	⑥	13'			14'												
4	⑦	18'				19'											
4	⑧	25'			26'												

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY	CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
			DRAWING 902.15	CONTROLLER		POWER SUPPLY DISCONNECT					
						MAIN BREAKER					
APPROACH	STATION	OFFSET	WITHOUT LIGHTING CONTROLLER (902.86-20)	WITH LIGHTING CONTROLLER (902.86-21)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
NW CORNER	78+36.99	58.40' LT	Type II		15 Amps	15 Amps	100 Amps	100 Amps		Amps	CI. Ft.	
			Type		15 Amps	Amps	Amps	Amps		Amps	CI. Ft.	

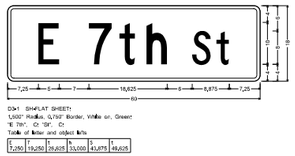
* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

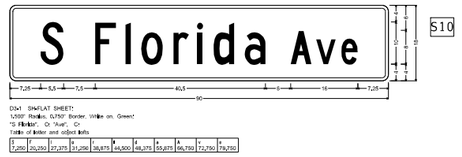
** COST OF DETECTOR CARDS, IF REQUIRED, INCLUDED IN COST OF RADAR DETECTION SYSTEM.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.





CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *					ITS CABINET	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP									
APPROACH	STATION	OFFSET	NEMA	2070	NEMA	2070	I	II	MASTER	LOCAL		NEMA	170	FIBER		E	EV	DOUBLE	332	336S	OMNIeX	WAPITI
NW CORNER	0+17.58	47.11' LT				1													1		1	
NW CORNER	0+25.59	46.98' LT													1							

RADAR DETECTION SYSTEM, CONTRACTOR FURNISHED
CONTRACTOR INSTALLED
1 EACH

UNINTERRUPTIBLE POWER SUPPLY (UPS)
1 EACH
UPS SHALL BE MOUNTED TO POWER SUPPLY ASSEMBLY

CCTV CAMERA ASSEMBLY, INSTALLED
1 EACH

DETECTOR SCHEDULE

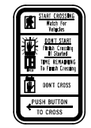
DETECTOR NUMBER	APPROACH	TYPE					
		J7S2185G		INDUCTION LOOP (2)			RADAR
		APS PUSH BUTTON	PUSH BUTTON EXTENSION	STANDARD	DELAY/ EXTEND *	CALL UNIT *	
R1	NORTHBOUND						&&
R2	EASTBOUND						&&
R3	SOUTHBOUND						&&
R4	WESTBOUND						&&
48	N/W CORNER-NORTH LEG	1	1				
49	N/E CORNER-NORTH LEG	1	1				
68	N/W CORNER-WEST LEG	1	1				
69	S/W CORNER-WEST LEG	1					
88	S/W CORNER-SOUTH LEG	1					
89	S/E CORNER-SOUTH LEG	1					
TOTAL		6	3				

INCLUDED IN J7S2185G

&& NO DIRECT PAYMENT FOR INDIVIDUAL DETECTION ZONES. PAYMENT INCLUDED IN COST OF RADAR DETECTION SYSTEM BID ITEM.



S1 R3-5L



S2 R10-3eL



S3 R10-3eR



S4 R10-27a

SIGNAL SIGNS

	QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
			INCHES	SQ.FT.	SQ.FT.	EA.
		R10-10L	24 X 30	5.0		
		R10-10R	24 X 30	5.0		
S1	4	R3-5L	30 X 36	7.5	30.0	4
		R3-5R	30 X 36	7.5		
		R3-5A	30 X 36	7.5		
		R3-6L	30 X 36	7.5		
		R3-6R	30 X 36	7.5		
		R3-2	24 X 24	4.0		
		R3-1	24 X 24	4.0		
		R3-3	24 X 24	4.0		
S6	2	D3-1 ***	60 X 18	7.5	15.0	2
S10	2	D3-1 ***	90 X 18	11.25	22.5	2
		D3-1B ***	VAR. X 18			
S2	4	R10-3eL	9 X 15	0.9	&	&
S3	2	R10-3eR	9 X 15	0.9	&	&
		R10-11A	24 X 30	5.0		
		R10-13	36 X 24	6.0		
S4	4	R10-27A	30 X 36	7.5	30.0	4
				SUBTOTAL	97.5	12
				TOTAL	97.5	12

&: COST OF PEDESTRIAN SIGNS AND MOUNTING HARDWARE INCLUDED IN BID ITEM FOR APS.

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U	51	21			71	41					UPS	P2	P6	FLASH SENSE
	L		22				42					UPS	P4	P8	STOP TIME
"J"	U	11	61			31	81								
	L		62				82								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

MISCELLANEOUS BID ITEMS

BID ITEM	UNIT	QUANTITY
FIBER DISTRIBUTION UNIT	EACH	1
ETHERNET SWITCH	EACH	1
FIELD CONNECTOR, TYPE ST	EACH	8
FIBER SPLICES *	EACH	18

2070 OUTPUT FILE ASSIGNMENTS

FR1	51 RL YL FYL	21,22 R Y G	51 L	71 RL YL FYL	41,42 R Y G	71 48,49 DW L 48,49 W	MONITOR
FR2							
FR3	11 RL YL FYL	61,62 R Y G	11 68,69 DW L 68,69 W	31 RL YL FYL	81,82 R Y G	31 88,89 DW L 88,89 W	
FR4							

ROUTE 66/7TH ST. & FLORIDA AVE.
INTERSECTION

SIGNAL SHEET 10 OF 12
ROUTE 66/7TH ST. & FLORIDA AVE. (SHEET 4 OF 6)

D-37C

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/8/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	119

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

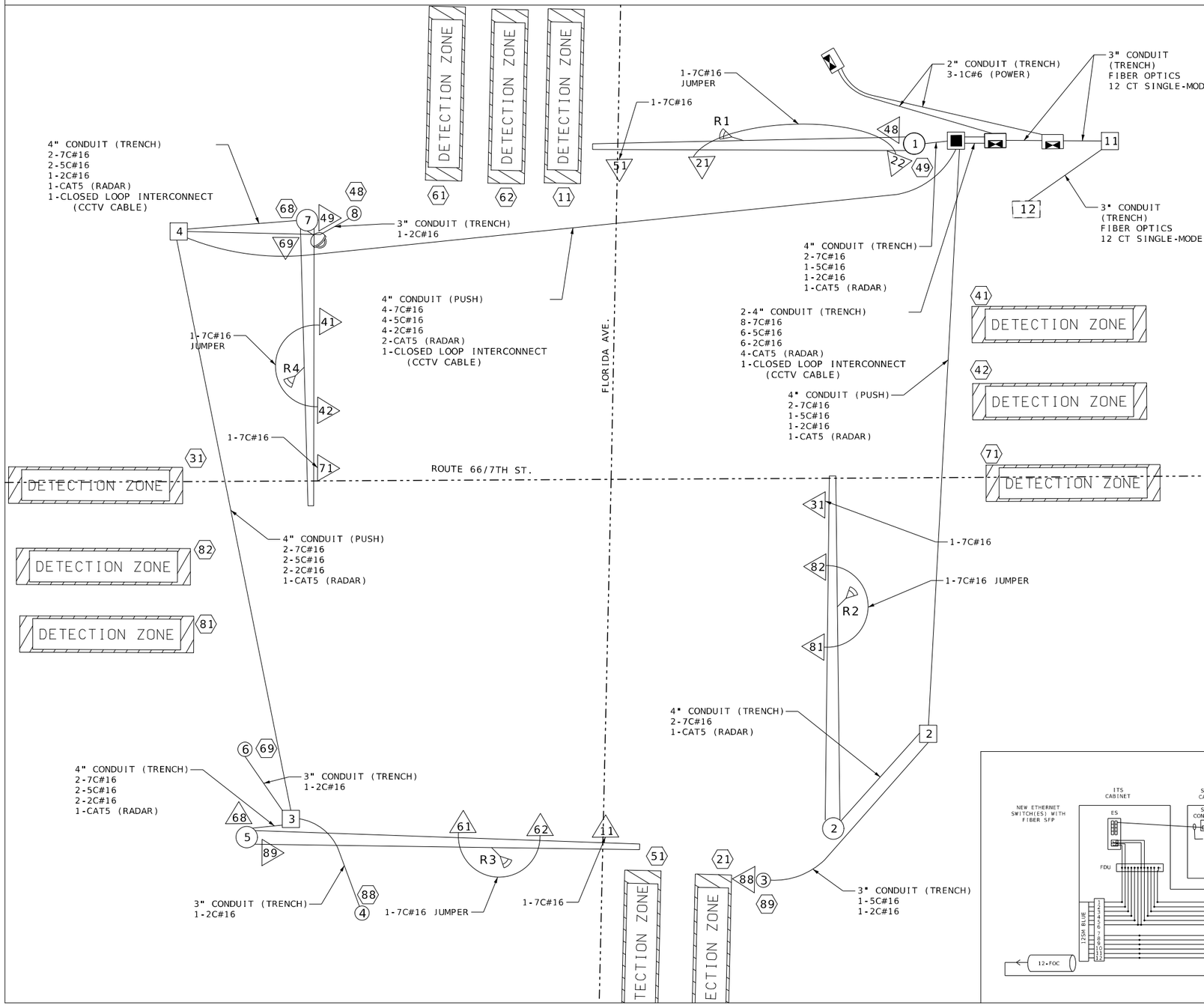
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

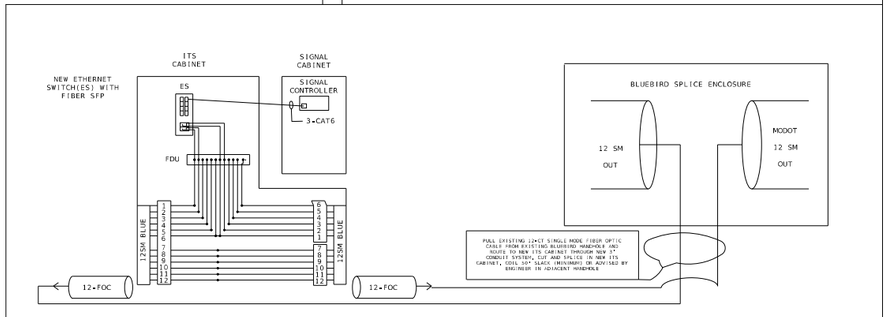
EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

- —3"— CONDUIT CONTAINING CABLE WITH SIZE
- —— CONDUIT EXISTING
- —— CABLE
- X-XC MULTI-CONDUCTOR CABLE #12 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- [X] PULL BOX WITH NUMBER
- (X) POST WITH NUMBER
- (X) DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- POST WITH NUMBER AND MAST ARM
- ∅ POWER SUPPLY
- SIGNAL CABINET
- (X) POST WITH NUMBER (EXISTING)
- (X) DETECTOR WITH NUMBER (EXISTING)
- X SIGNAL HEAD WITH NUMBER (EXISTING)
- POST WITH NUMBER AND MAST ARM (EXISTING)
- RADAR DETECTION



INTERSECTION ROUTE 66/7TH ST. & FLORIDA AVE.

SIGNAL SHEET 11 OF 12
ROUTE 66/7TH ST. & FLORIDA AVE. (SHEET 5 OF 6) D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	120

COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

NO.	DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

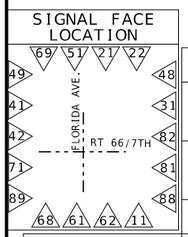
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.900/OpenRoads/plan_sheets/J7S2185E&G - Final Plans/11 Signals (SG)/120_SG_11_J7S2185EG_I1_37D.dgn 5:23:30 PM 10/3/2025

EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS	11	21 22	31	41 42	51	61 62	71	81 82		48 49	68 69	88 89	FACE NUMBERS
SIGNAL INDICATIONS R	RL	R R	RL	R R	RL	R R	RL	R R		DW DW	DW DW	DW DW	R
SIGNAL INDICATIONS Y	YL	Y Y	YL	Y Y	YL	Y Y	YL	Y Y					Y
SIGNAL INDICATIONS FYA	FYL		FYL		FYL		FYL			FDW FDW	FDW FDW	FDW FDW	FYA
SIGNAL INDICATIONS G	L	G G	L	G G	L	G G	L	G G		W W	W W	W W	G
DETECTOR ASSIGNMENTS	11	22 21	31	41 42	51	61 62	71	81 82					DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)										48 49	68 69	88 89	
OVERLAP PARENT PHASES													

PHASE 1	PHASE 2	PHASE 3	PHASE 4
PHASE 5	PHASE 6	PHASE 7	PHASE 8

RING 1

RING 2

BARRIER

RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL APPROACHES	FR
	FY

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE 66/7TH ST.

WITH FLORIDA AVE.

SIGNAL SHEET 12 OF 12
ROUTE 66/7TH ST. & FLORIDA AVE. (SHEET 6 OF 6)

D-38A

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	121

COUNTY: JASPER

JOB NO.: J7S2185E,G

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE J7S2185D FOR SIGNS WEST OF STA. 51+10.00

WEST
M3-4

66
M1-5

BUSINESS LOOP 44
M1-2

(35) RELOCATE SIGN STA 51+34.17 TO NEW PSST POST

W11-2

AHEAD
W16-9P

(36) INSTALL SIGN ON NEW PSST POST STA 53+69.03

50

ST. LOUIS AVE.

DND

(35) RELOCATE SIGN TO NEW PSST POST

S89°14'57"E

S89°34'11"E

POT STA EQ1 52+16.40

(36) INSTALL SIGN ON NEW PSST POST

DND

MATCHLINE STA. 54+17.50

ST. LOUIS AVE.

SCALE
0 20 40 60

SIGNING
SHEET 1 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	122

COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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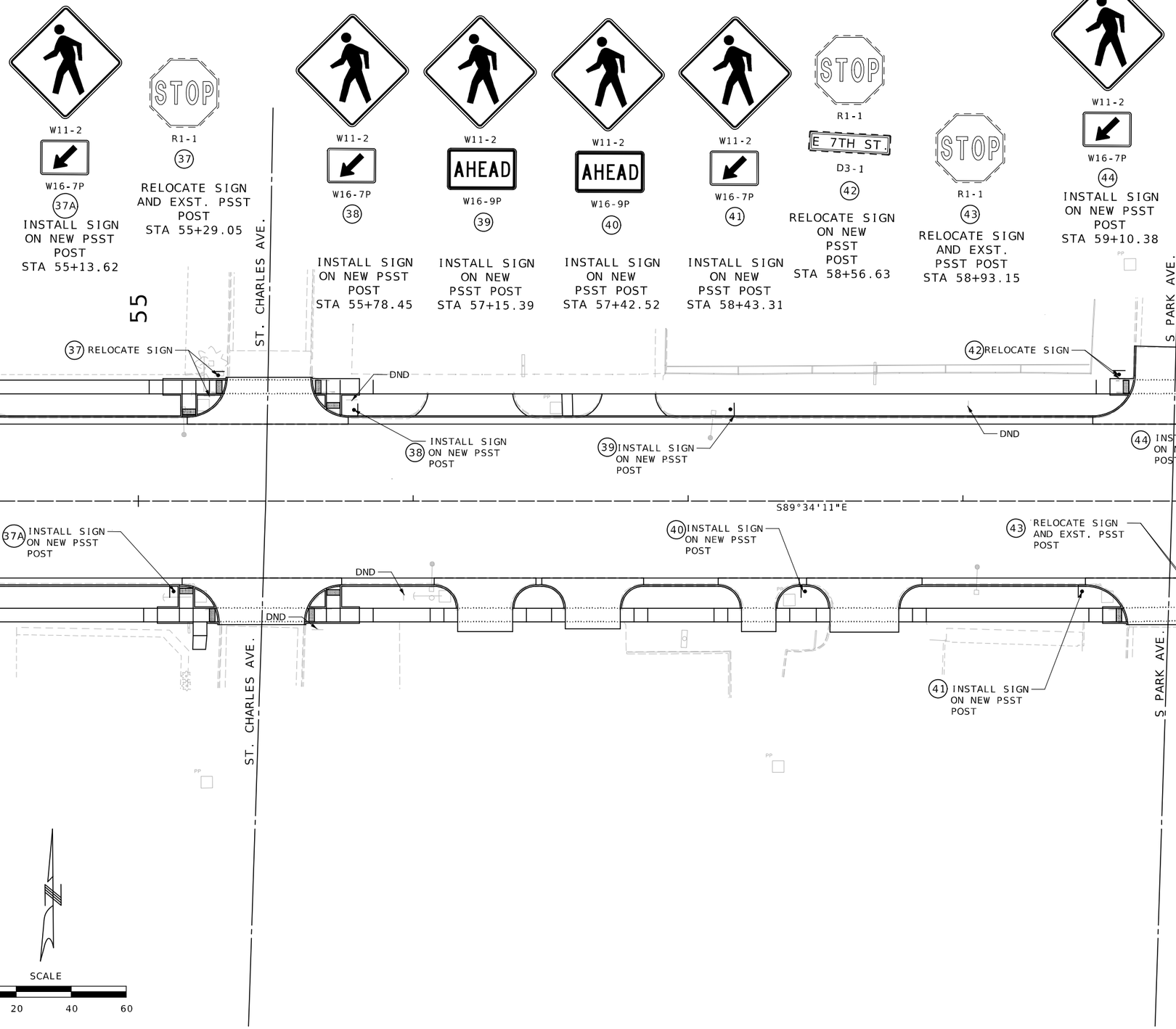

SIGNING
SHEET 2 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/2/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	123

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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WWW.BARTLETTWEST.COM

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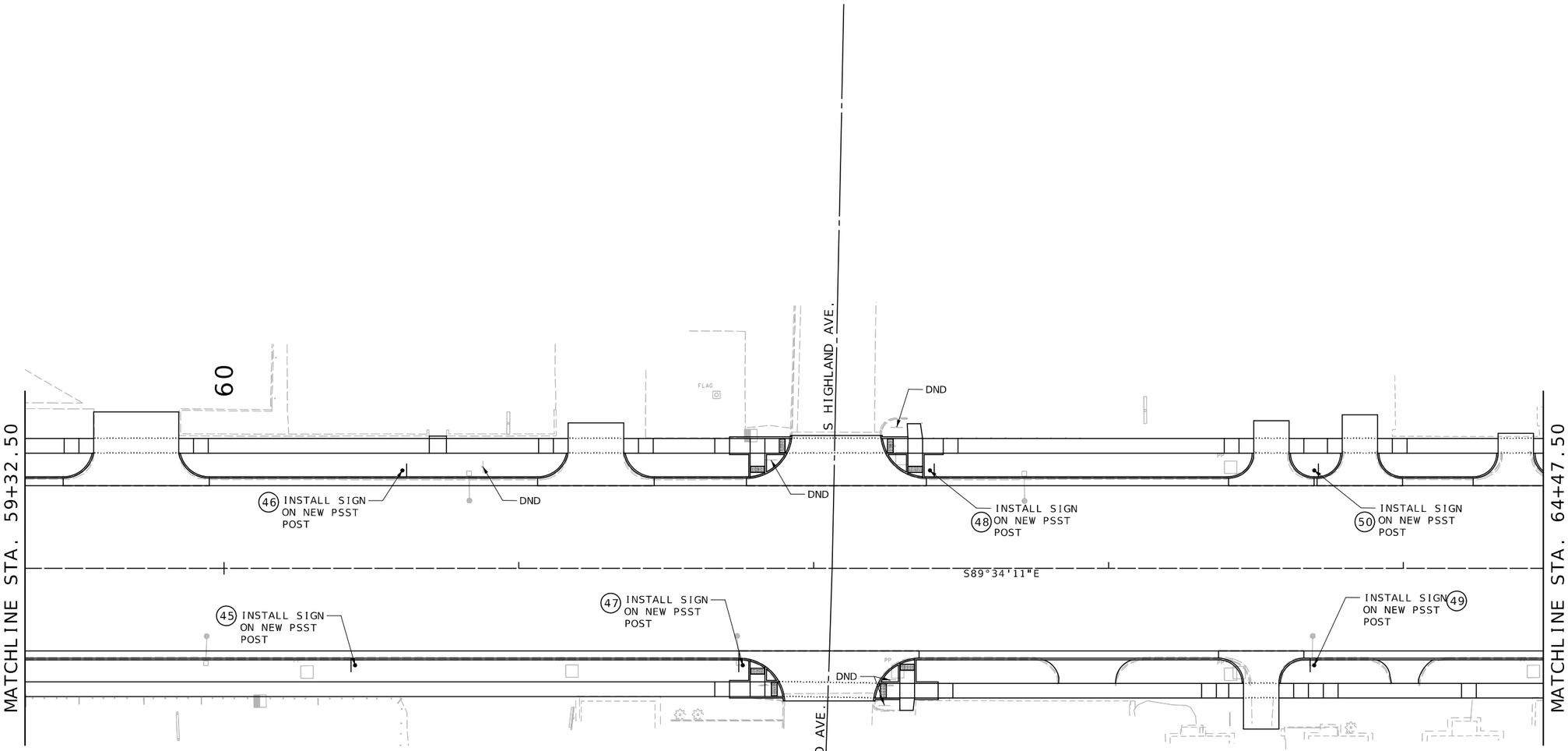

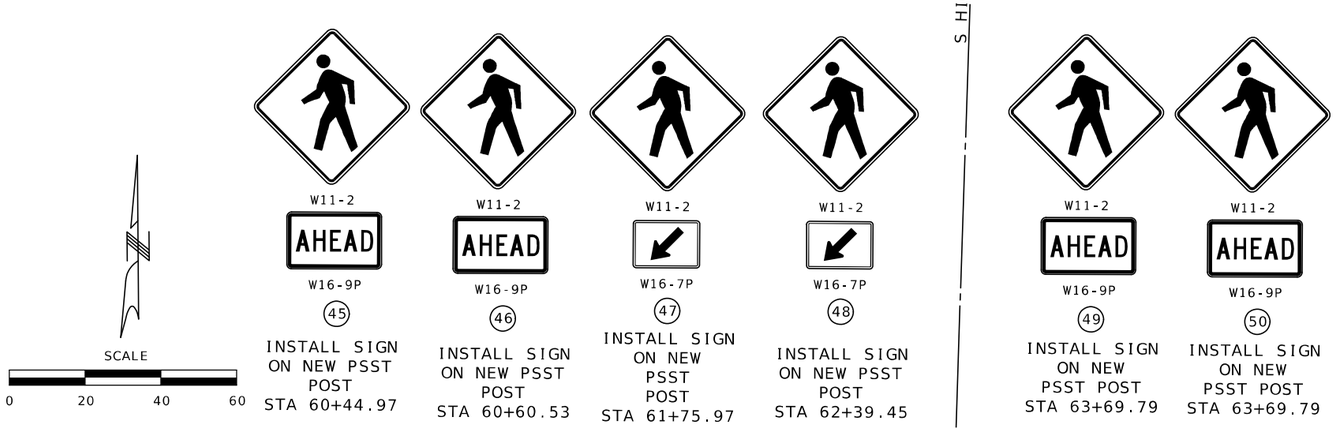

SIGNING
SHEET 3 OF 13

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	124

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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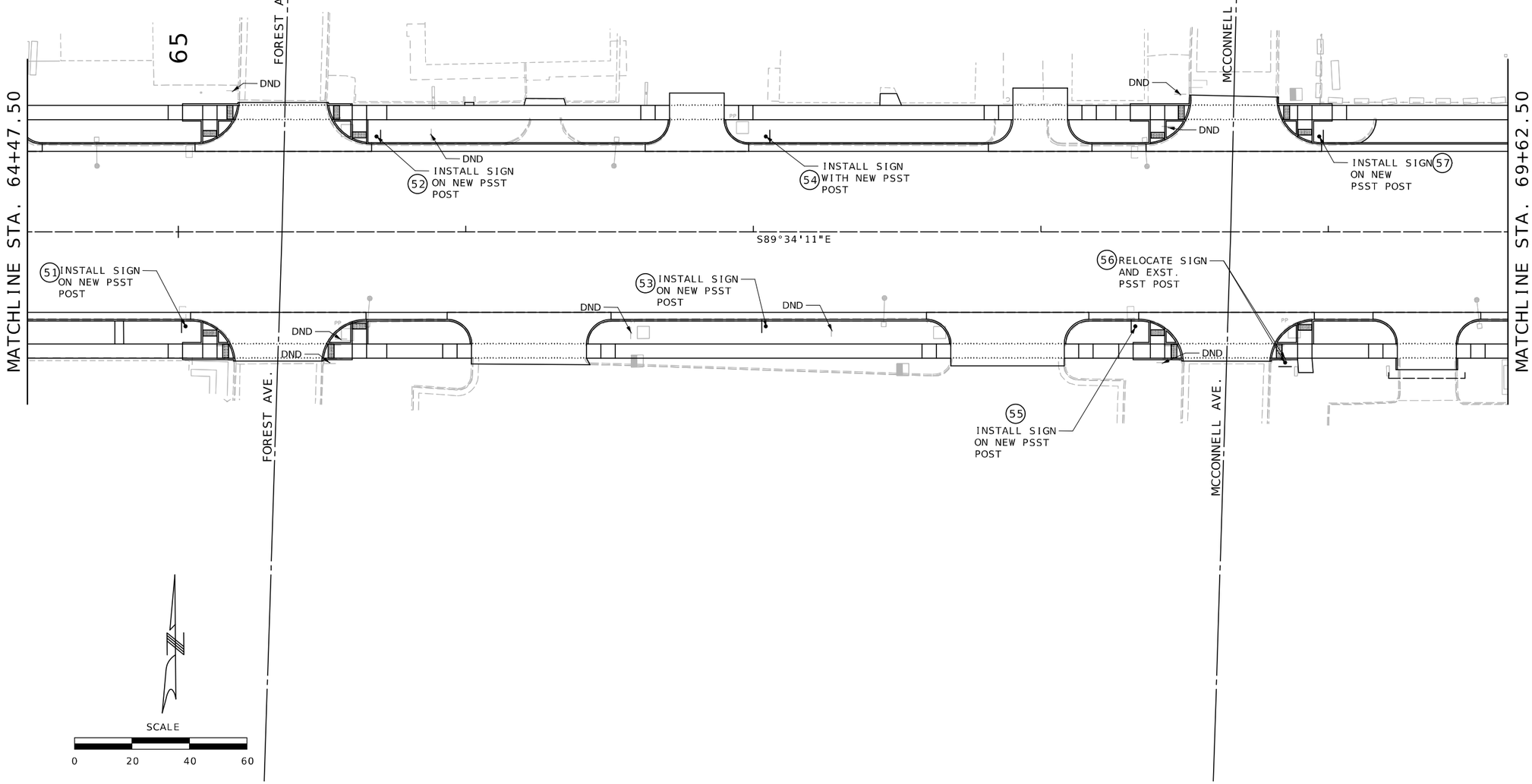


SIGNING
SHEET 4 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	125

COUNTY JASPER
JOB NO. J7S2185E,G
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



58

INSTALL SIGN ON NEW PSST POST STA 70+44.20

59

INSTALL SIGN ON NEW PSST POST STA 70+44.20

60

INSTALL SIGN ON NEW PSST POST STA 71+64.39



61

RELOCATE SIGN ON NEW PSST POST STA 71+75.77



62

INSTALL SIGN ON NEW PSST POST STA 72+28.87



63

INSTALL SIGN ON NEW PSST POST STA 73+23.43



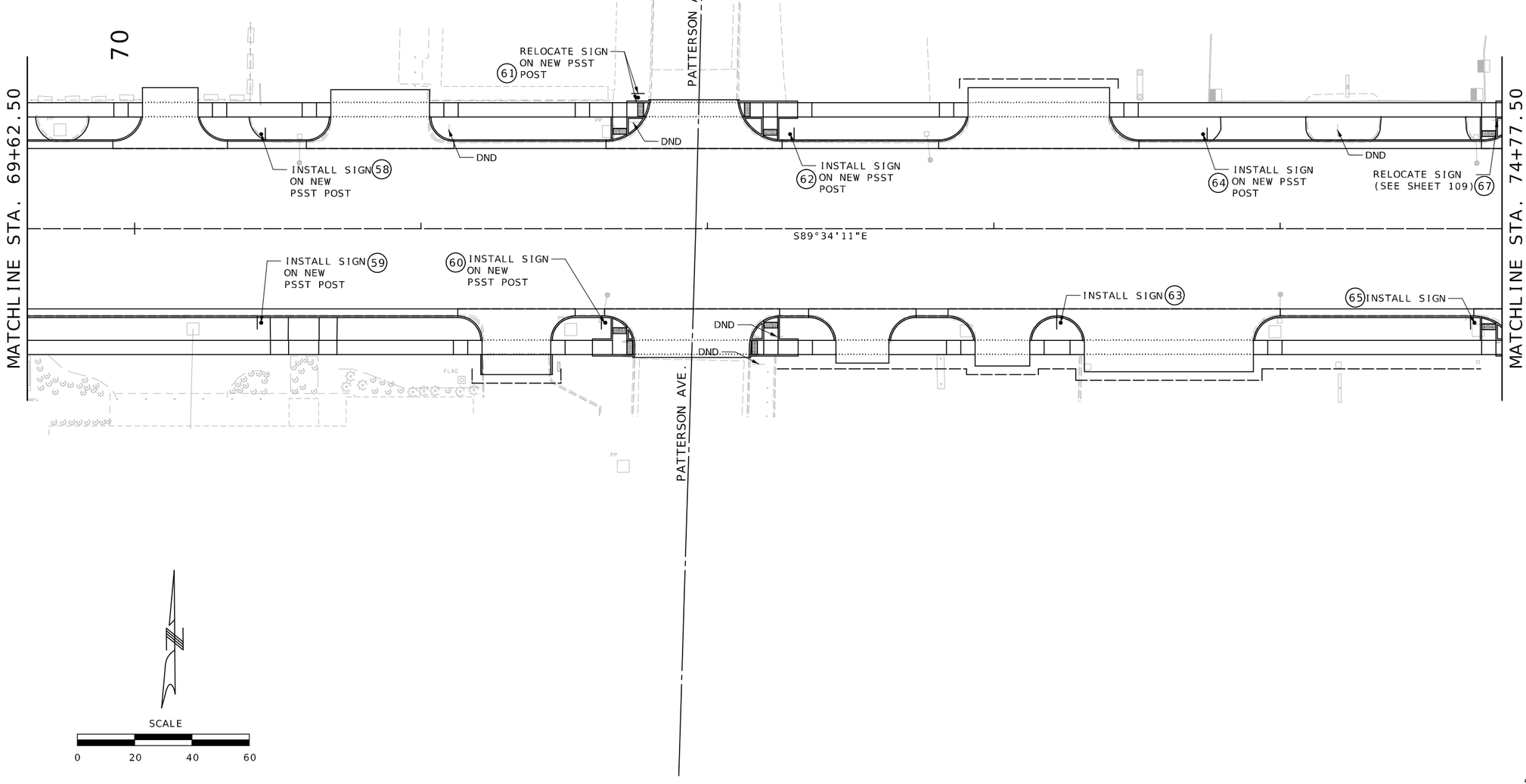
64

INSTALL SIGN ON NEW PSST POST STA 73+73.09



65

INSTALL SIGN ON NEW PSST POST STA 74+67.87



SIGNING
SHEET 5 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	126

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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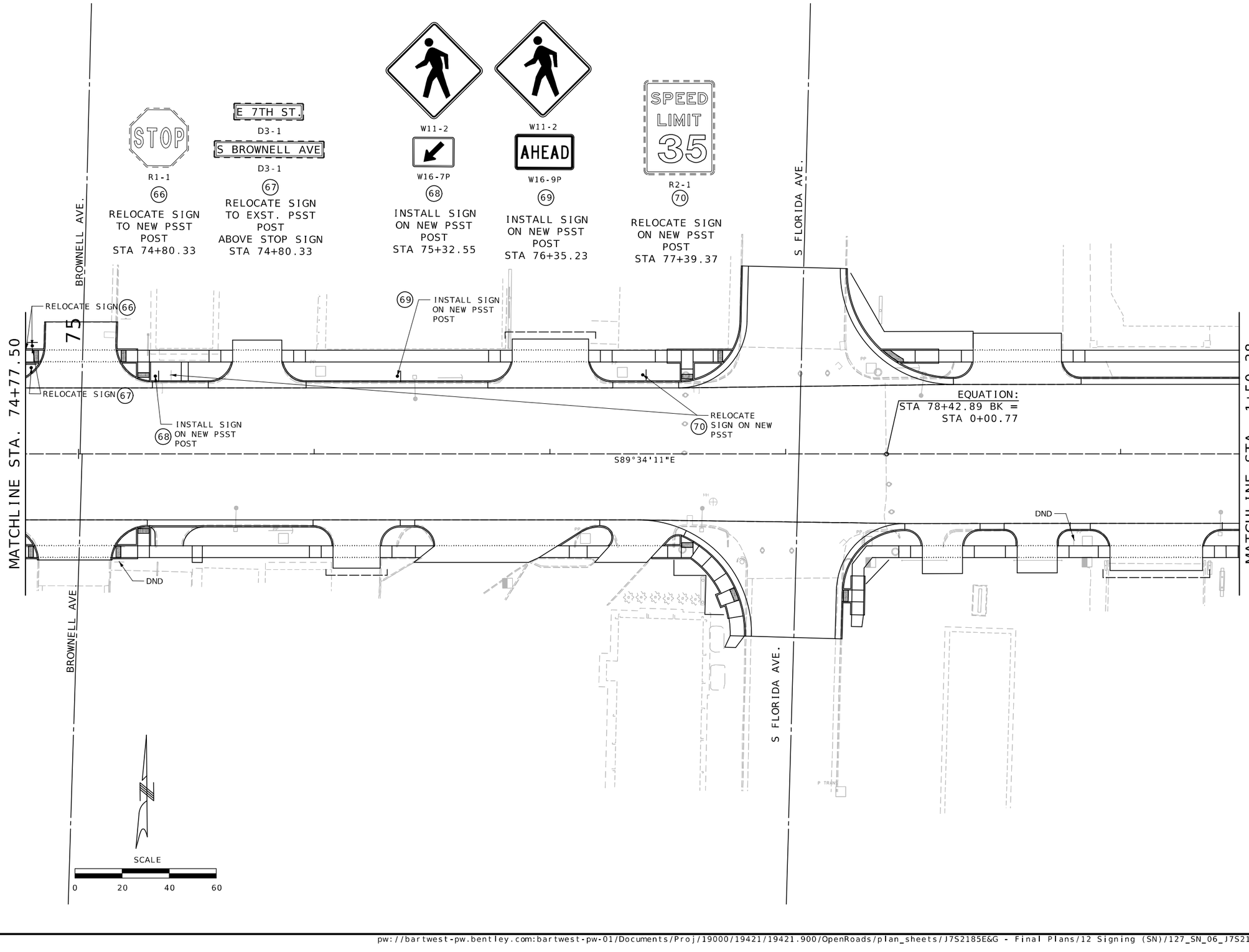

SIGNING
SHEET 6 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	127

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

5

MATCHLINE STA. 1+50.38

MATCHLINE STA. 6+65.38

S89°36'23"E

PC STA EQ2 5+51.17

DND

PP

PI	8+56.10
PC	5+51.17
PT	11+59.73
Δ	9°7'41.4" (LT)
D	1°29'59.8"
L	608.56' (ARC)
T	304.93'
R	3,819.83'

SCALE

0 20 40 60

SIGNING
SHEET 7 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	128

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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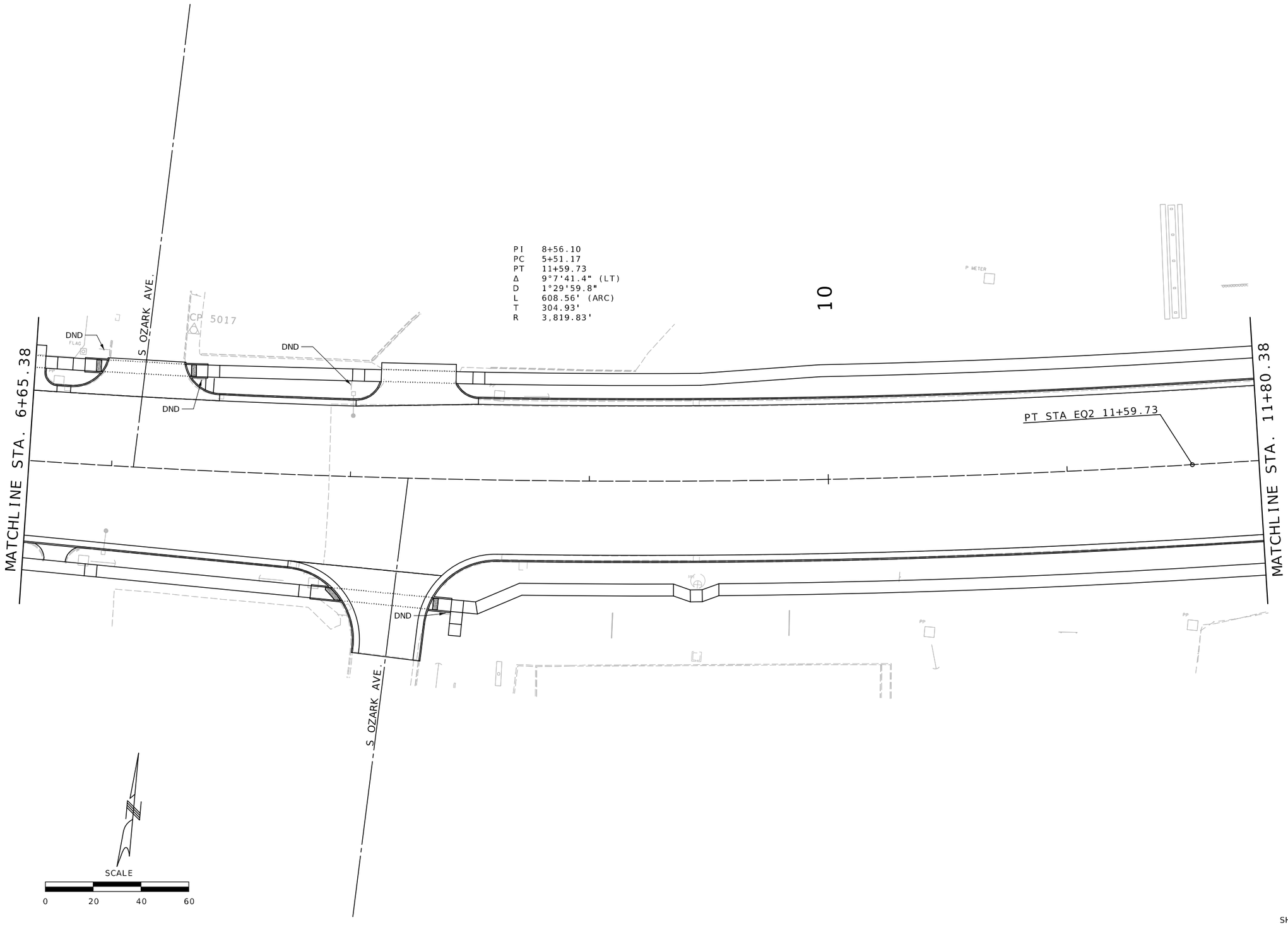


SIGNING
SHEET 8 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	129

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



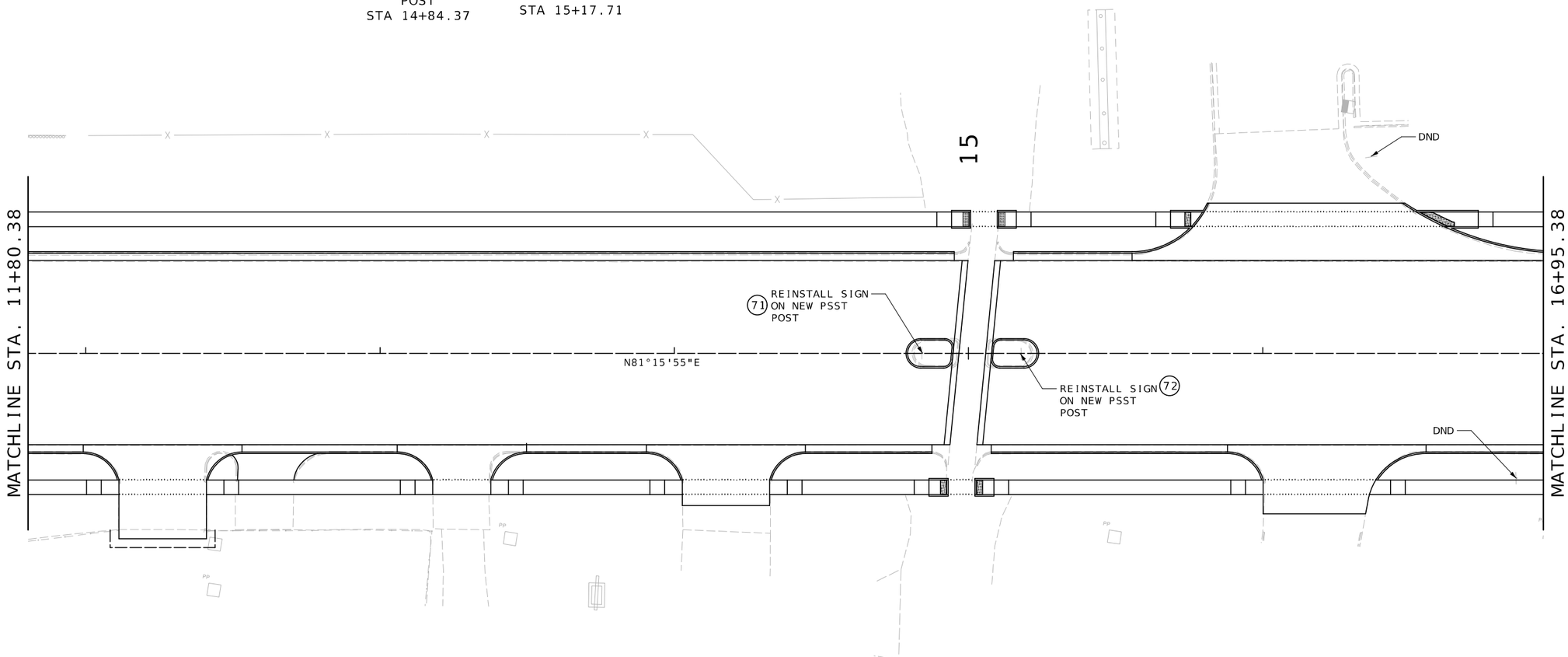
(71)

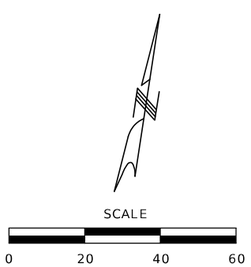
REINSTALL SIGN
ON NEW PSST
POST
STA 14+84.37



(72)

REINSTALL SIGN
ON NEW PSST
POST
STA 15+17.71





SIGNING
SHEET 9 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/5/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	130

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

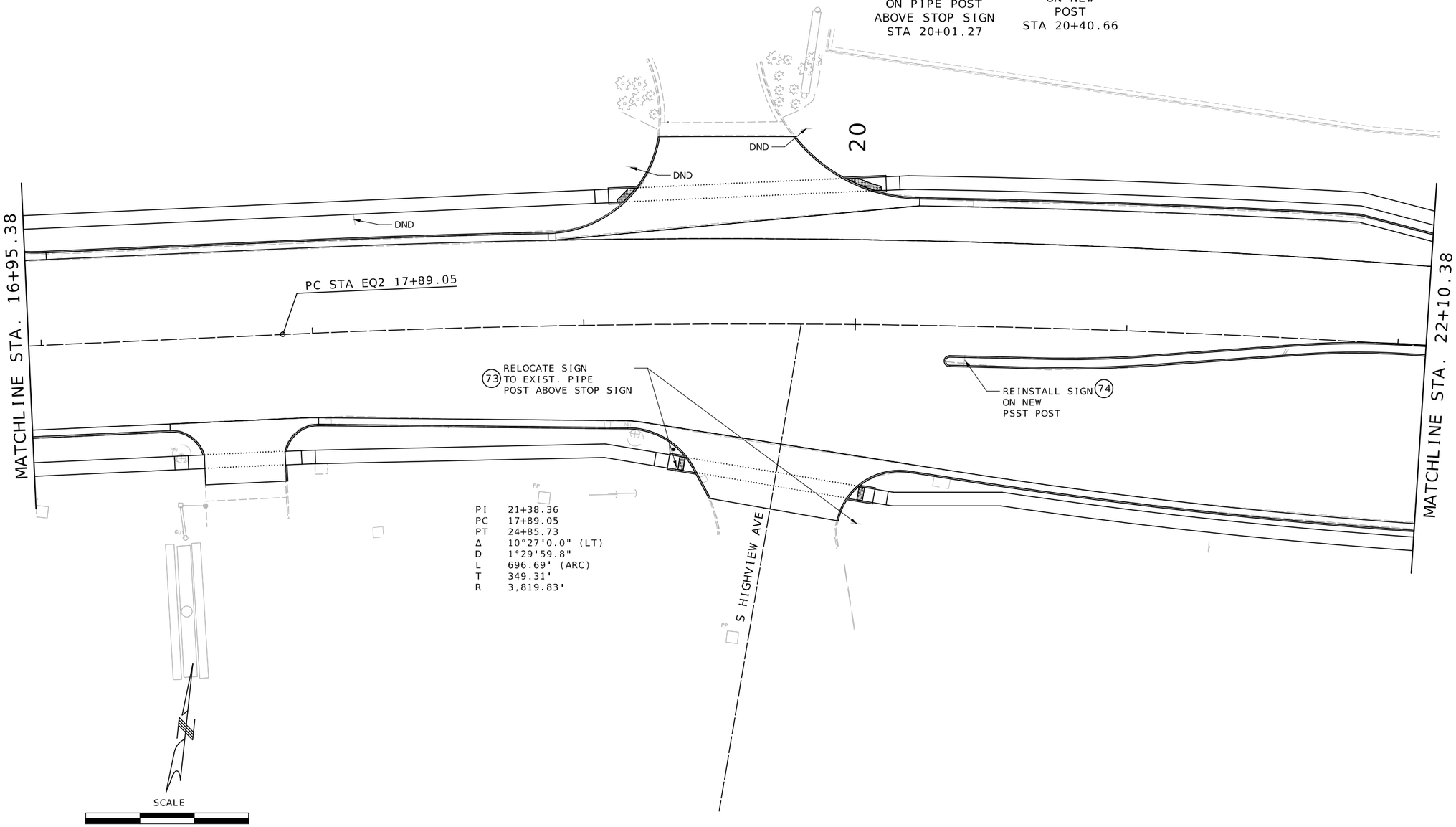
E 7TH ST.
D3-1

S HIGHVIEW AVE
D3-1

(73) RELOCATE SIGN ON PIPE POST ABOVE STOP SIGN STA 20+01.27

R4-7

(74) REINSTALL SIGN ON NEW POST STA 20+40.66



SIGNING
SHEET 10 OF 13

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	131

COUNTY JASPER

JOB NO. J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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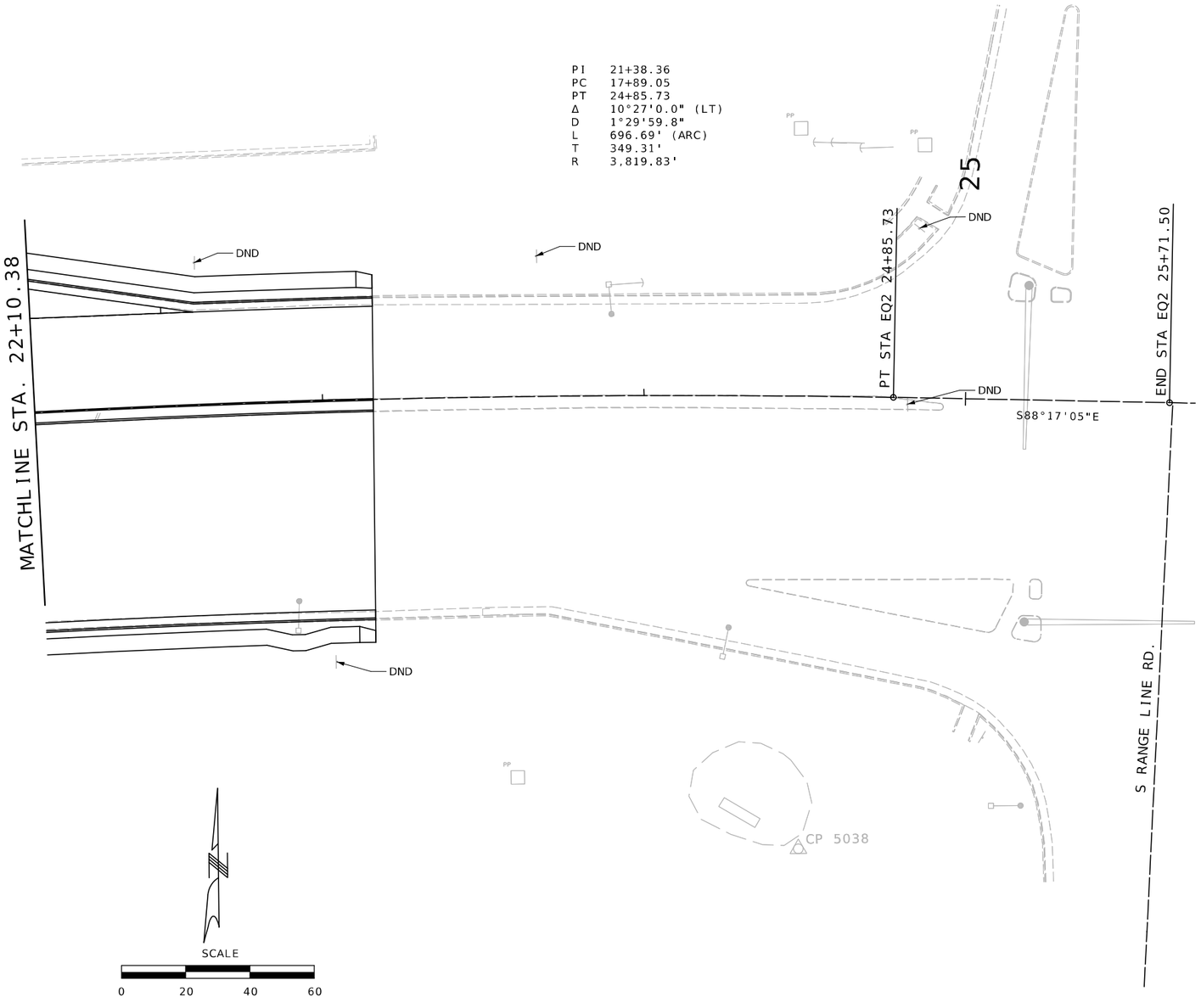

SIGNING
SHEET 11 OF 13

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	132

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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SIGNS						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS*						PIPE POSTS*					BACKING BARS**				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE												BREAK-AWAY ASSEMBLY	RELOCATE SIGN TO EXST. PSST ON STOP SIGN	RELOCATE SIGN TO EXST. PIPE ON STOP SIGN
902 SIGNAL SIGNS TABULATED ON D-37A SHEET																						2-INCH POST						2.5-INCH POST								
																								TOTAL	ANCHORS							TOTAL	2.25"	ANCHORS				
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X 3/8" BARS AT 2.55 LBS/FT NO.	LGTH	TOTAL	TOTAL	ITEM NO. 9031250A	POST NO.1	POST NO.2	ITEM NO. 9031270A	DRIVEN 12 GA. ITEM NO. 9031271A	DRIVEN 7 GA. ITEM NO. 9031273A	CONCRETE 7 GA. ITEM NO. 9031274	POST NO.1	POST NO.2	ITEM NO. 9031280	INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7 GA. ITEM NO. 9031281A	CONCRETE 7 GA. ITEM NO. 9031285	ITEM NO. 9031241	ITEM NO. 9039902	ITEM NO. 9039903
						CY		LF	LF	LF		LBS	IN	LF	LF		LBS	EACH	IN.	LF	LBS	LF	LF	LF	EACH	EACH	EACH	EACH				EACH	EACH	EACH	EACH	EACH	EACH
35	EXST. SGN	51+34	35.55'	LEFT																								16		16		1				
36	VAR.	53+69	33.69'	RIGHT																								16		16		1				
37	EXST. SGN	55+29	45.73'	LEFT																								16		16		1				
37A	VAR.	55+13	32.99'	RIGHT																								16		16		1				
38	VAR.	55+78	33.15'	LEFT																								16		16		1				
39	VAR.	57+15	31.15'	LEFT																								16		16		1				
40	VAR.	57+42	32.90'	RIGHT																								16		16		1				
41	VAR.	58+43	32.90'	RIGHT																								16		16		1				
42	EXST. SGN	58+56	45.05'	LEFT																								16		16		1				
43	EXST. SGN	58+93	45.18'	RIGHT																												1				
44	VAR.	59+10	33.03'	LEFT																								16		16		1				
45	VAR.	60+44	32.90'	RIGHT																								16		16		1				
46	VAR.	60+60	32.15'	LEFT																								16		16		1				
47	VAR.	61+75	32.90'	RIGHT																								16		16		1				
48	VAR.	62+39	33.08'	LEFT																								16		16		1				
49	VAR.	63+69	32.90'	RIGHT																								16		16		1				
50	VAR.	63+69	33.15'	LEFT																								16		16		1				
51	VAR.	65+02	32.90'	RIGHT																								16		16		1				
52	VAR.	65+68	33.15'	LEFT																								16		16		1				
53	VAR.	67+04	32.90'	RIGHT																								16		16		1				
54	VAR.	67+04	33.15'	LEFT																								16		16		1				
55	VAR.	68+32	32.90'	RIGHT																								16		16		1				
56	EXST. SGN	68+84	45.51'	RIGHT																												1				
57	VAR.	68+96	33.07'	LEFT																								16		16		1				
58	VAR.	70+44	32.98'	LEFT																								16		16		1				
59	VAR.	70+44	32.90'	RIGHT																								16		16		1				
60	VAR.	71+64	32.90'	RIGHT																								16		16		1				
61	EXST. SGN	71+75	45.75'	LEFT																								16		16		1				
62	VAR.	72+28	33.06'	LEFT																								16		16		1				
63	VAR.	73+23	32.90'	RIGHT																								16		16		1				
64	VAR.	73+73	32.98'	LEFT																								16		16		1				
65	VAR.	74+67	33.15'	RIGHT																								16		16		1				
66	EXST. SGN	74+80	45.83'	LEFT																								16		16			1			
67	EXST. SGN	74+79	36.58'	LEFT																															1	
68	VAR.	75+32	32.98'	LEFT																								16		16		1				
69	VAR.	76+35	32.54'	LEFT																								16		16		1				
70	EXST. SGN	77+39	33.56'	LEFT																								16		16		1				
71	EXST. SGN	14+84	00.00'	CENTER																								16		16			1	1		
72	EXST. SGN	15+17	00.00'	CENTER																								16		16			1	1		
73	EXST. SGN	20+00	73.30'	RIGHT																																1
74	EXST. SGN	20+40	12.66'	RIGHT																								16		16			1	1		
SUBTOTAL																														592		35	4	3	1	1
TOTAL																					**									592		35	4	3	1	1

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE (IN.)	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	FOOTING DEPTH	CONCRETE C.Y.
2½	5.79	0.48	4'- 3½"	12"	4~6"	0.13
4	10.79	0.90	5'- 3½"	18"	5~6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	POST NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	POST STUB LENGTH	FOOTING DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

SIGNING SHEET
SHEET 12 OF 13

D-29

EFFECTIVE: 07-01-2024

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	133

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	SIGN TYPE, DESCRIPTION, SIZES & NUMBER OF EACH							STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET				
			 W11-2	 W16-9P	 W16-7P								SIZE	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A
			48 X 48	30 X 18	30 X 18												
36	53+69	RIGHT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
37A	55+13	RIGHT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
38	55+78	LEFT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
39	57+15	LEFT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
40	57+42	RIGHT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
41	58+43	RIGHT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
44	59+10	LEFT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
45	60+44	RIGHT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
46	60+60	LEFT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
47	61+75	RIGHT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
48	62+39	LEFT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
49	63+69	RIGHT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
50	63+69	LEFT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
51	65+02	RIGHT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
52	65+68	LEFT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
53	67+04	RIGHT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
54	67+04	LEFT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
55	68+32	RIGHT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
57	68+96	LEFT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
58	70+44	LEFT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
59	70+44	RIGHT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
60	71+64	RIGHT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
62	72+28	LEFT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
63	73+23	RIGHT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
64	73+73	LEFT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
65	74+67	RIGHT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
68	75+32	LEFT	1		1					MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
69	76+35	LEFT	1	1						MULTI- SIGN ASSEMBLY		1	VARIES		19.75		
			28	14	14								TOTAL		553		

* ORANGE, YELLOW & YELLOW/GREEN

SIGNING SHEET
SHEET 13 OF 13

D-30

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	134

COUNTY JASPER

JOB NO. J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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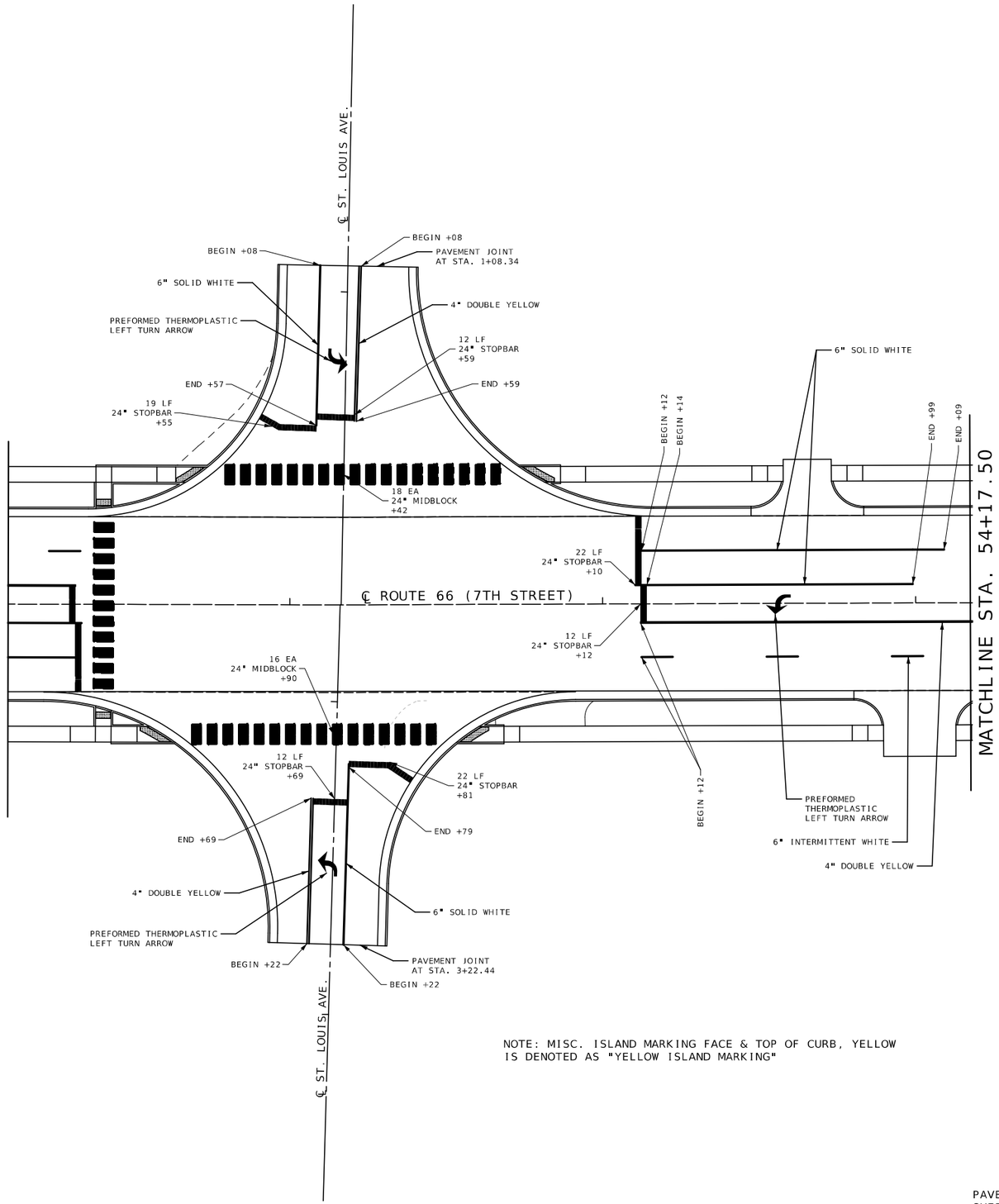
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE J7S2185D PROJECT
FOR IMPROVEMENTS TO
THE WEST



NOTE: MISC. ISLAND MARKING FACE & TOP OF CURB, YELLOW IS DENOTED AS "YELLOW ISLAND MARKING"

SCALE

0 20 40 60

PAVEMENT MARKING
SHEET 1 OF 11

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

MELISSA ANN WILBERS
NUMBER PE-2007002853
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED	8/4/2025
ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	135
COUNTY	JASPER
JOB NO.	J7S2185E,G
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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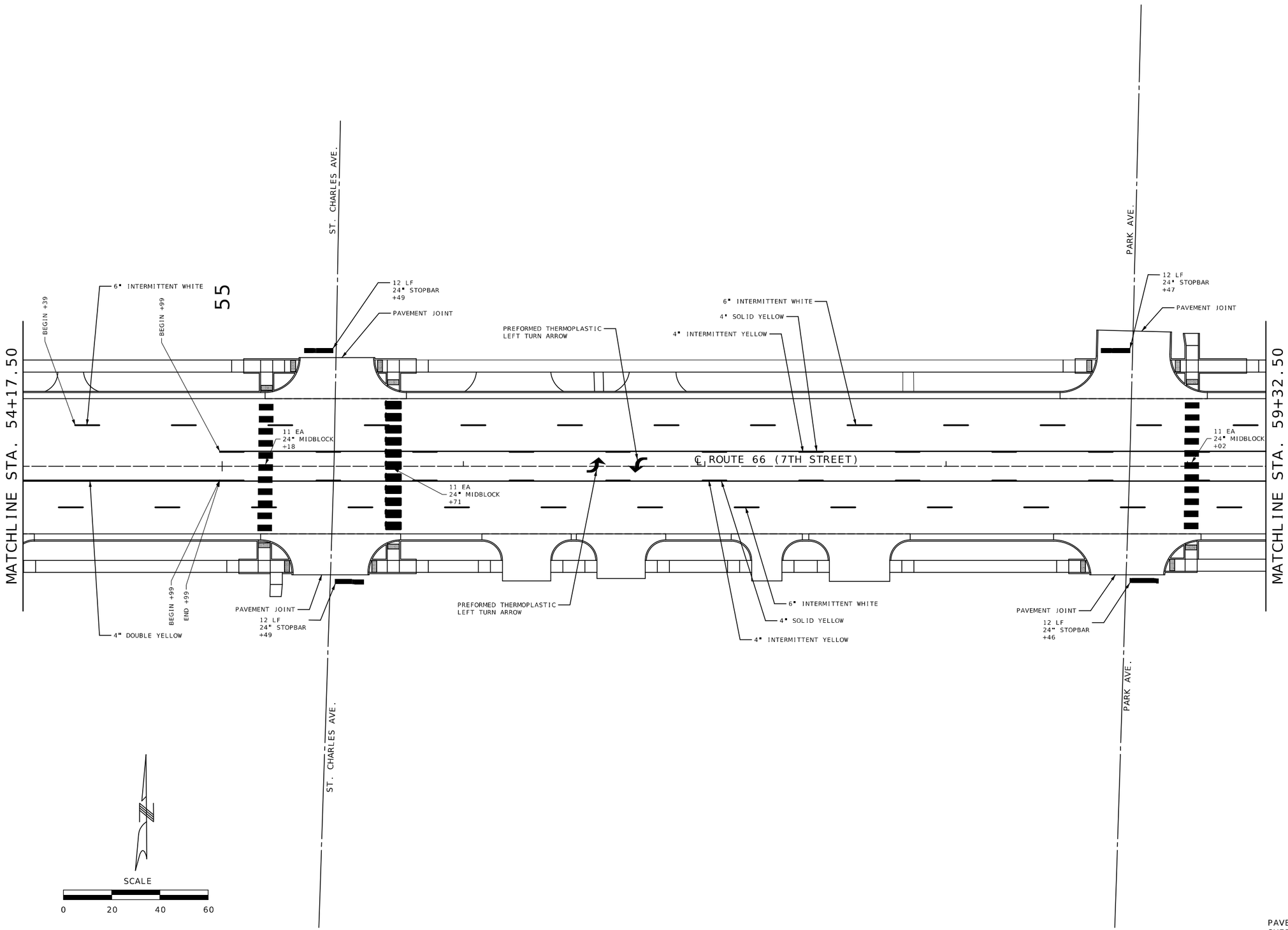

PAVEMENT MARKING
SHEET 2 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/2/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	136

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
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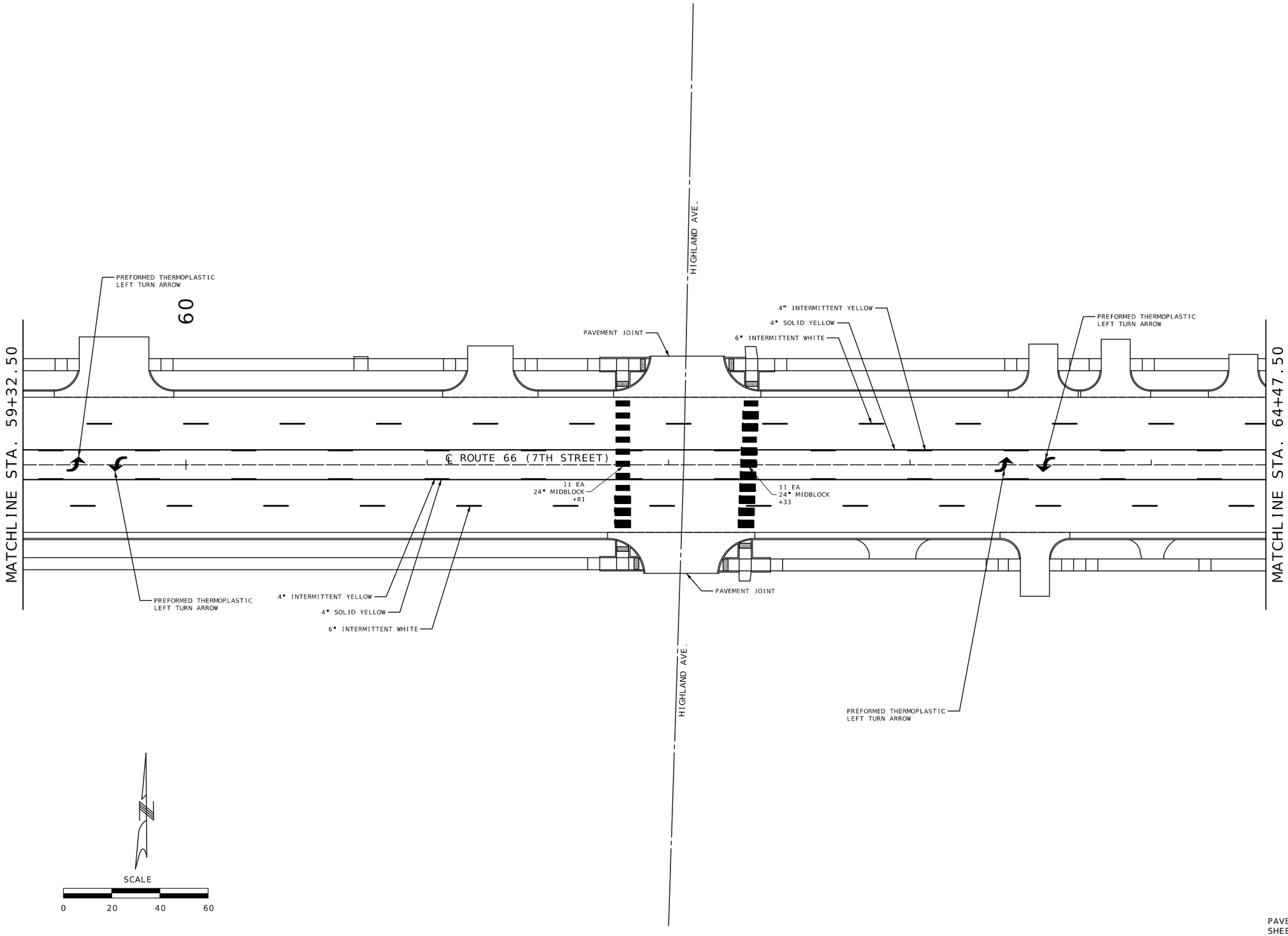

PAVEMENT MARKING
SHEET 3 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	137

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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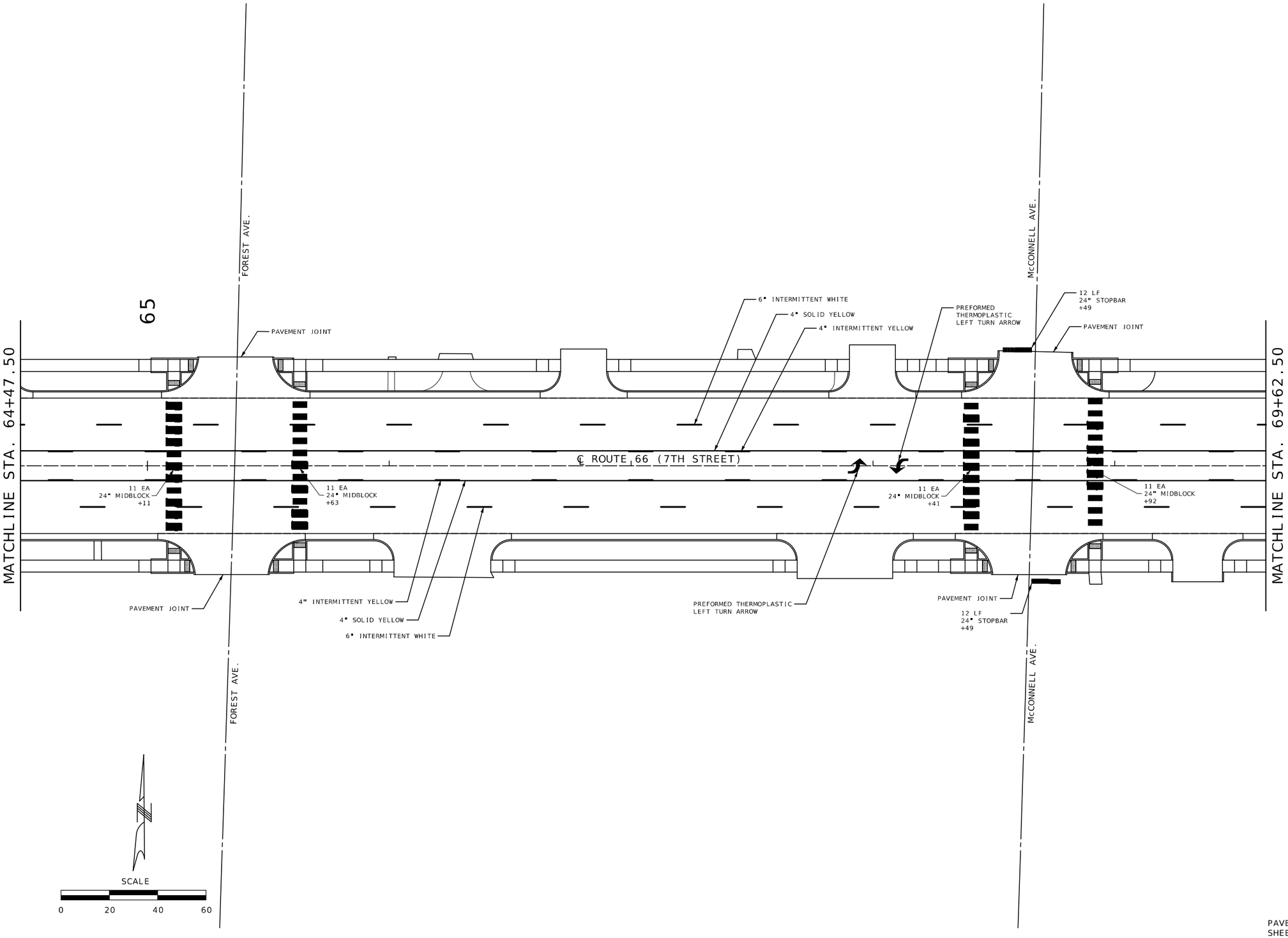

PAVEMENT MARKING
SHEET 4 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	138

COUNTY: JASPER
JOB NO.: J7S2185E,G
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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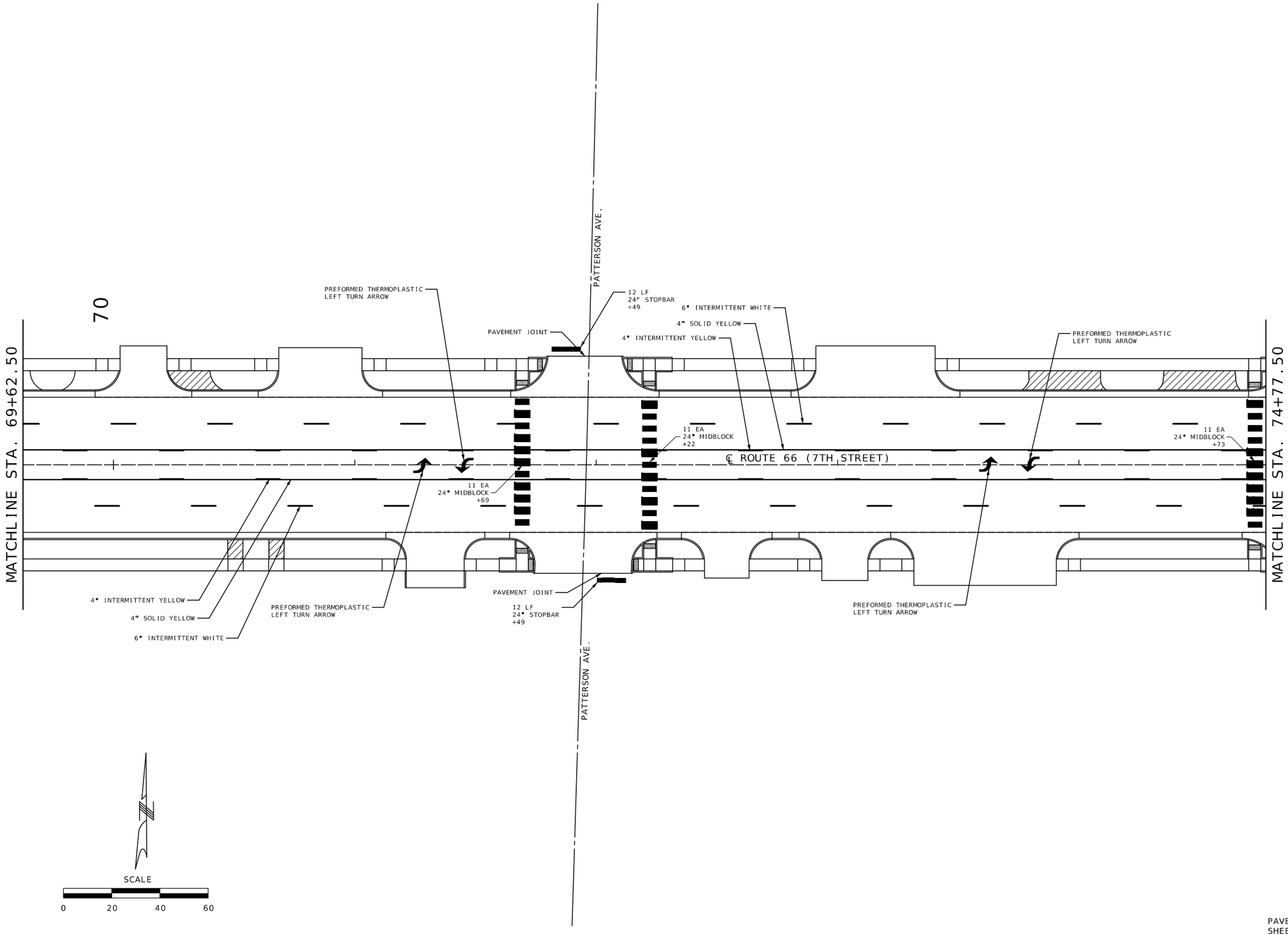
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PAVEMENT MARKING
SHEET 5 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/13/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	139

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

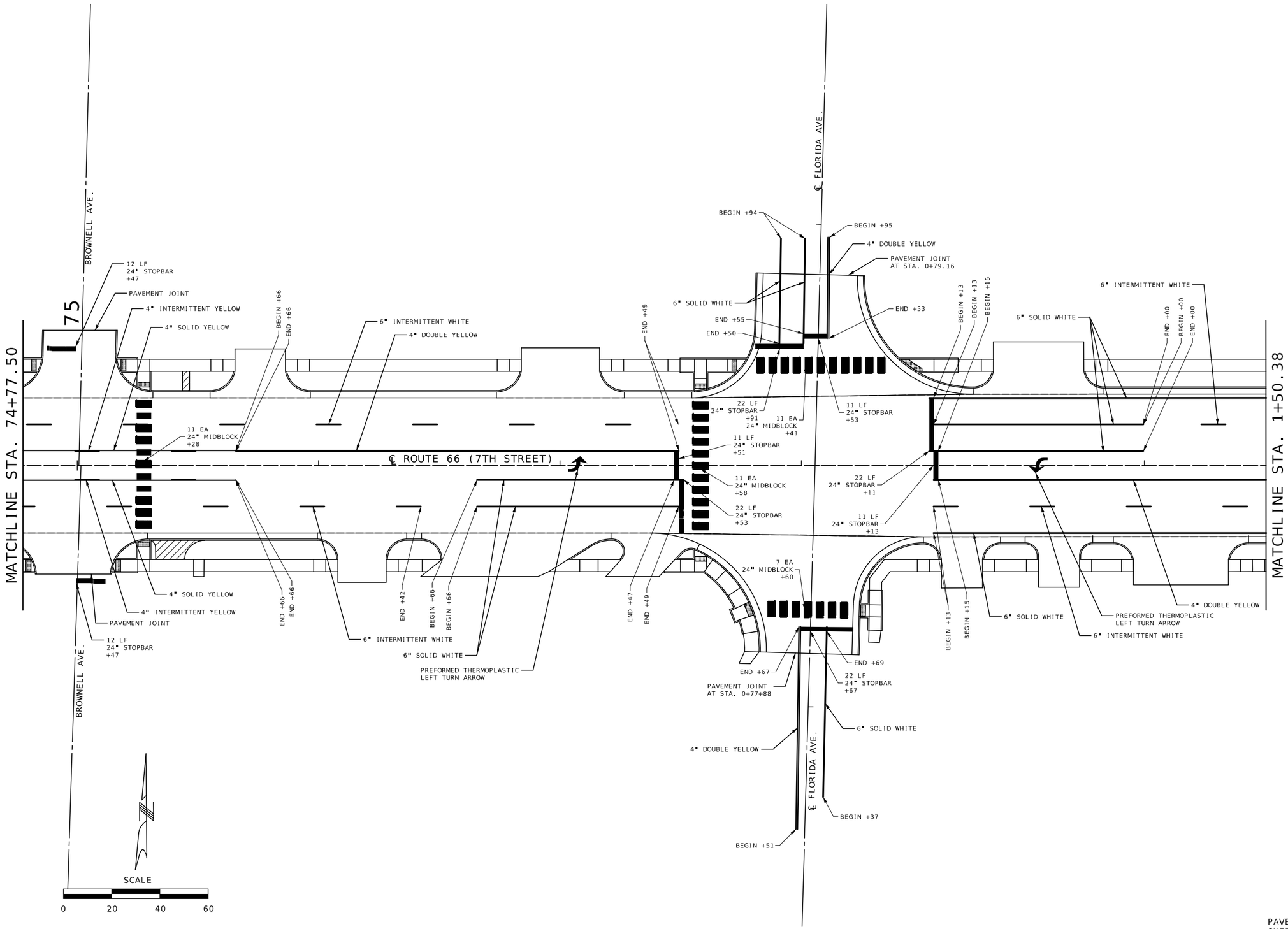
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



PAVEMENT MARKING
SHEET 6 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	140

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

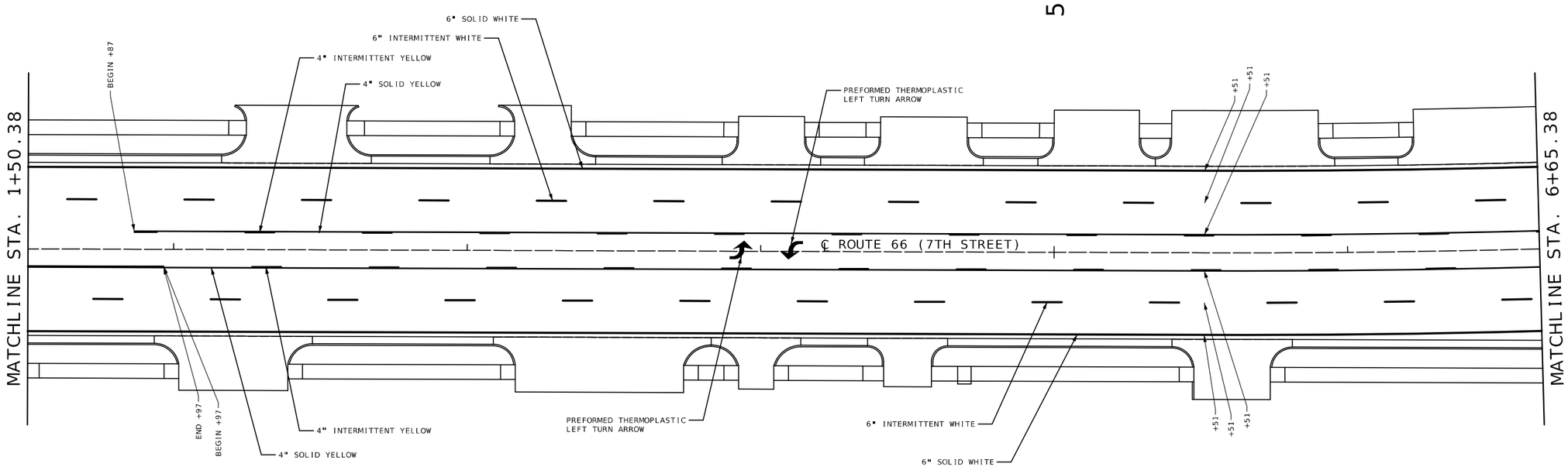
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SCALE

0 20 40 60

PAVEMENT MARKING
SHEET 7 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	141

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

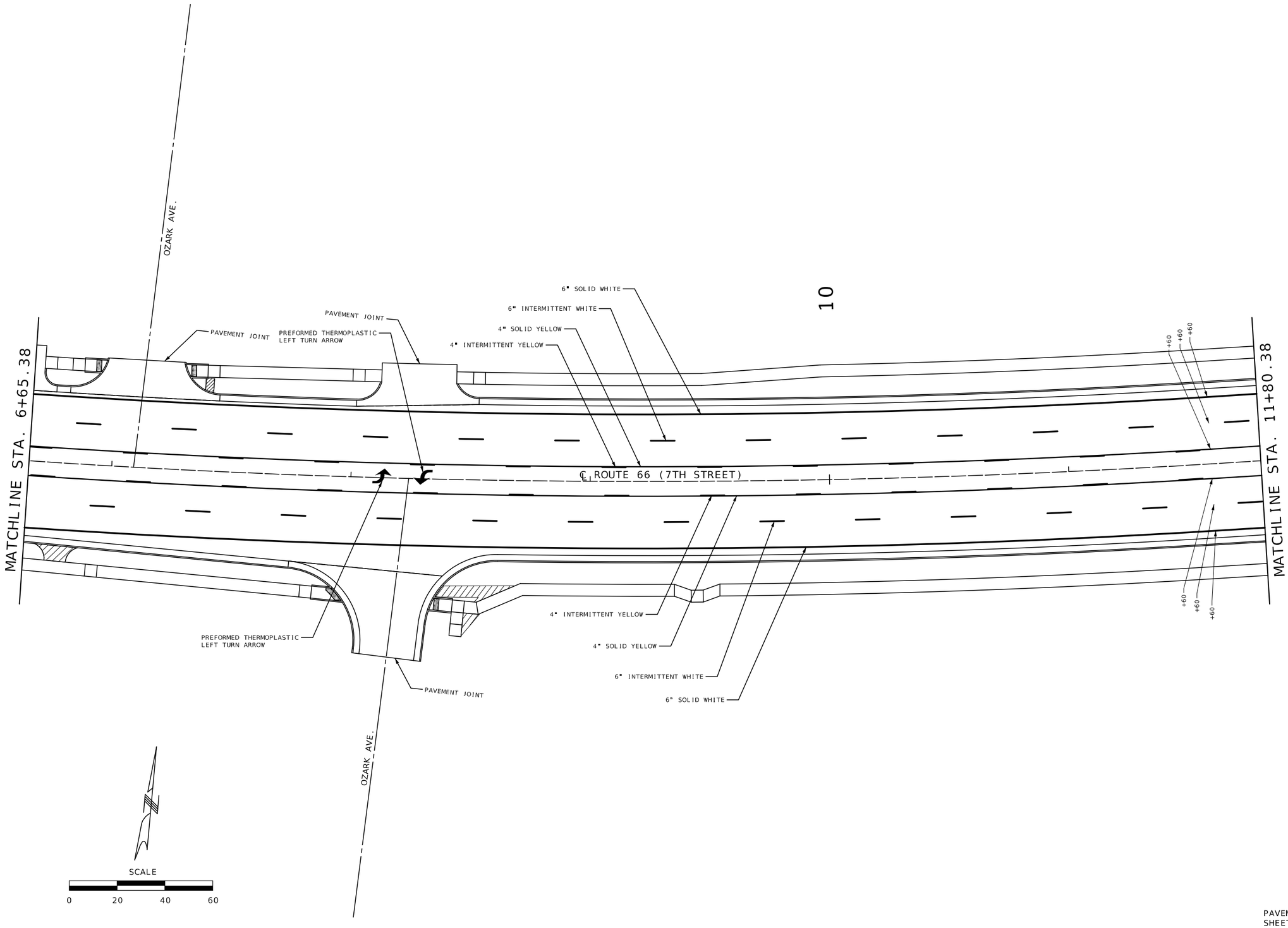
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



PAVEMENT MARKING
SHEET 8 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	142

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

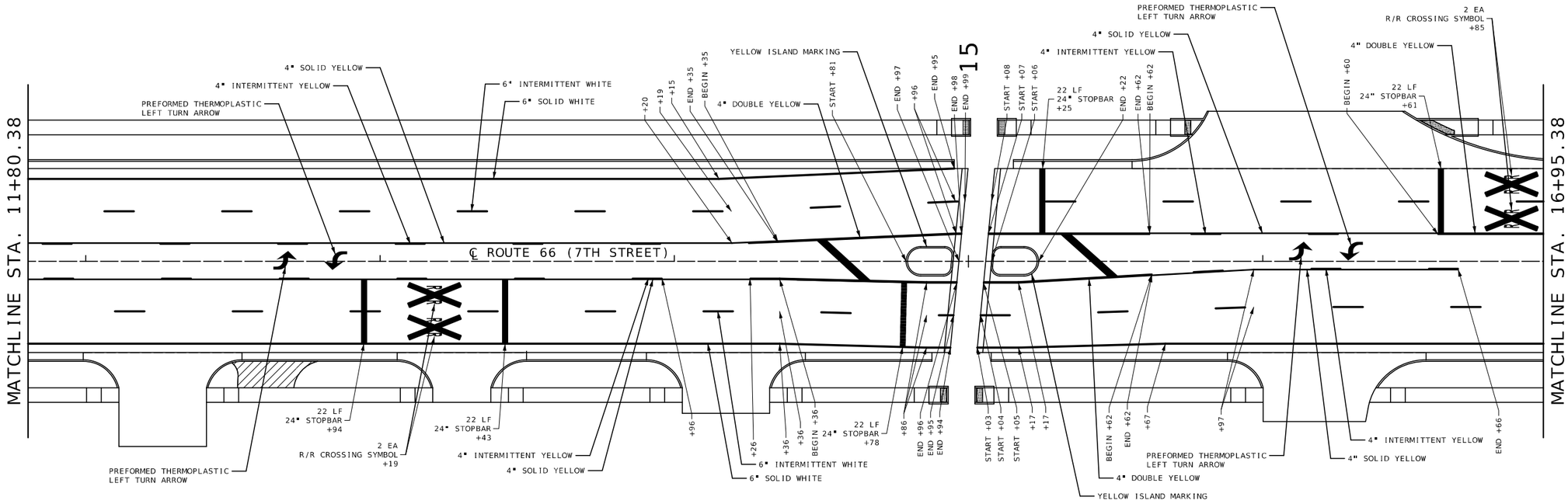
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SCALE

0 20 40 60

PAVEMENT MARKING
SHEET 9 OF 11

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

DATE PREPARED
8/5/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	143

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

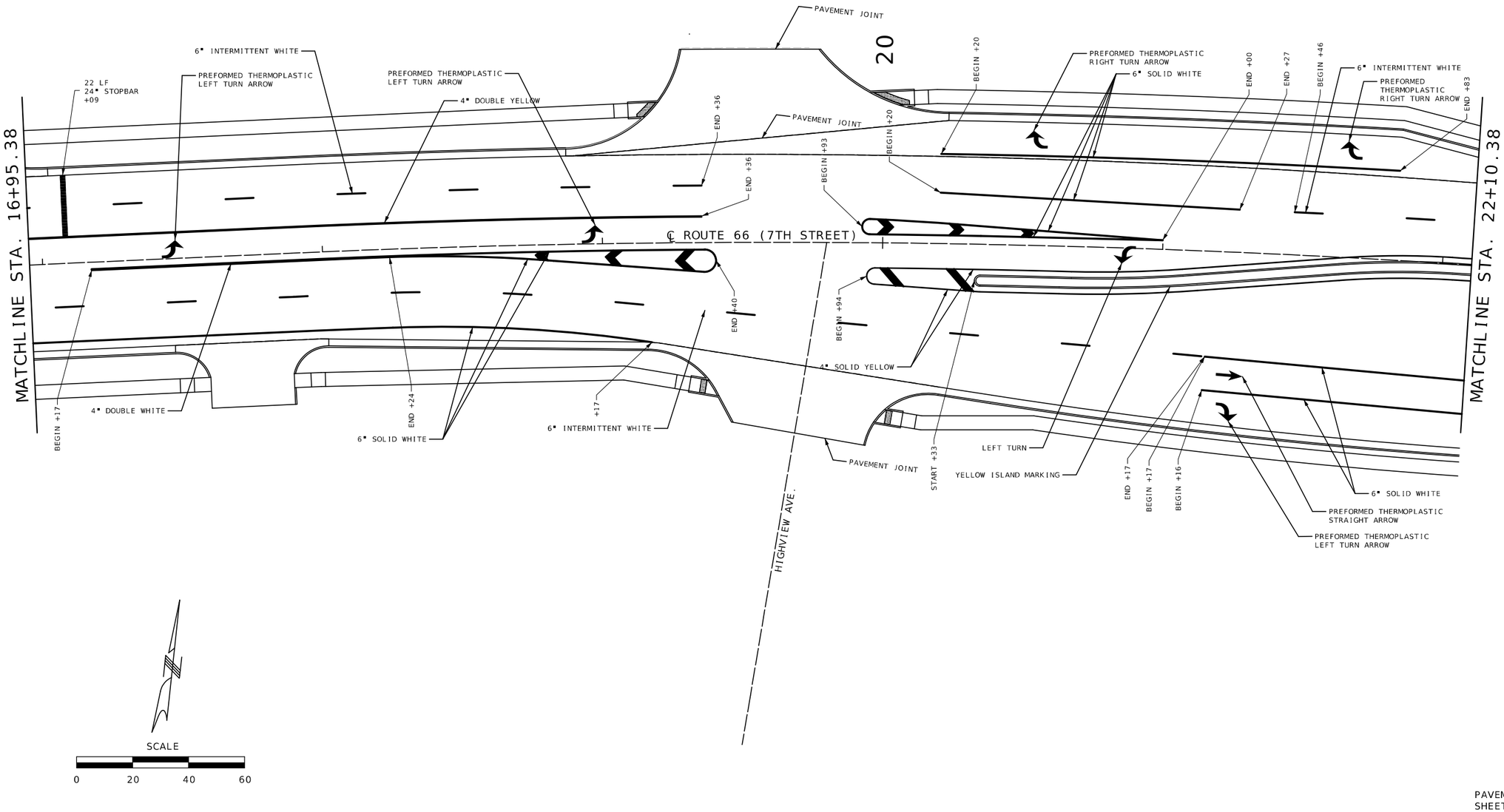
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PAVEMENT MARKING
SHEET 10 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	144

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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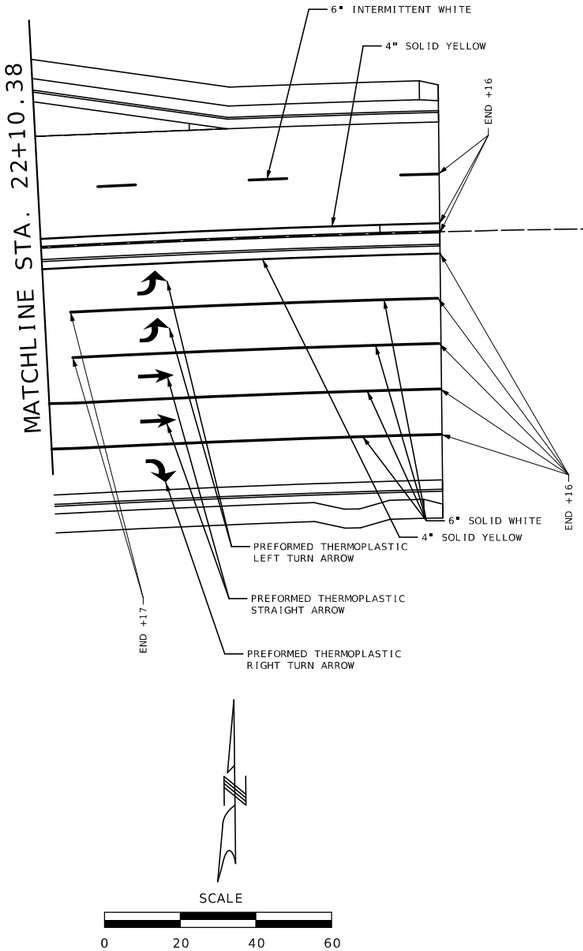

PAVEMENT MARKING
SHEET 11 OF 11

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	145

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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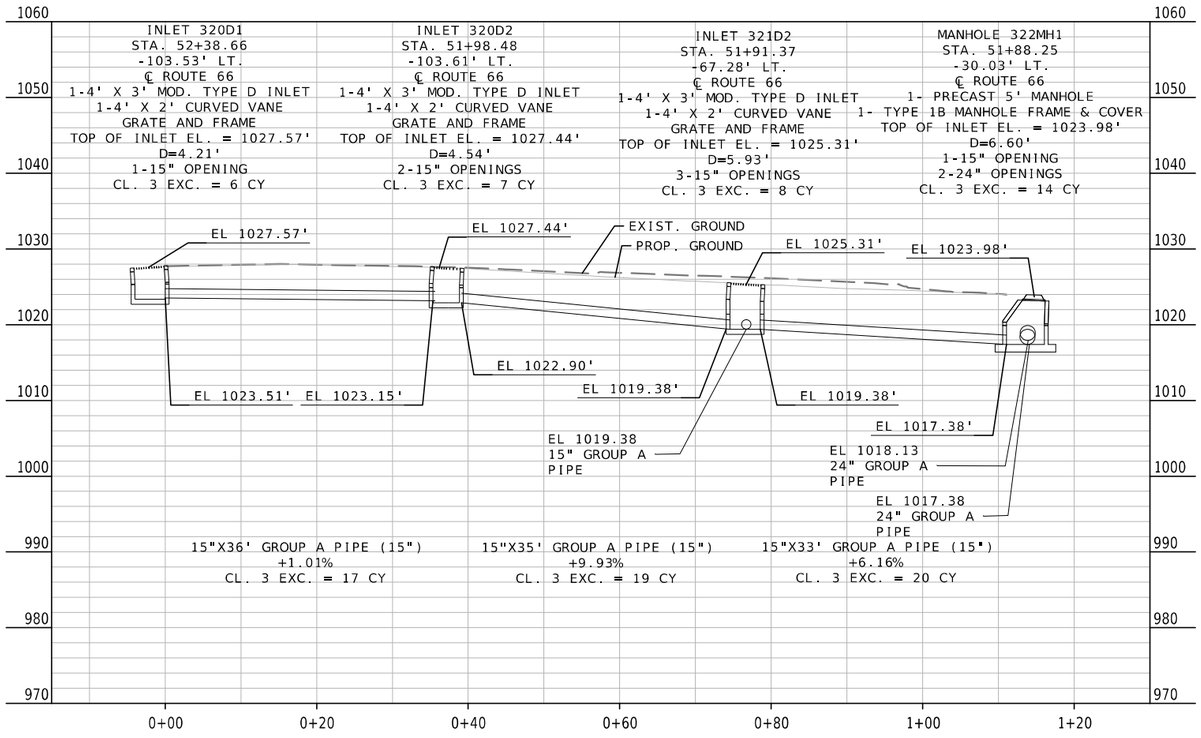
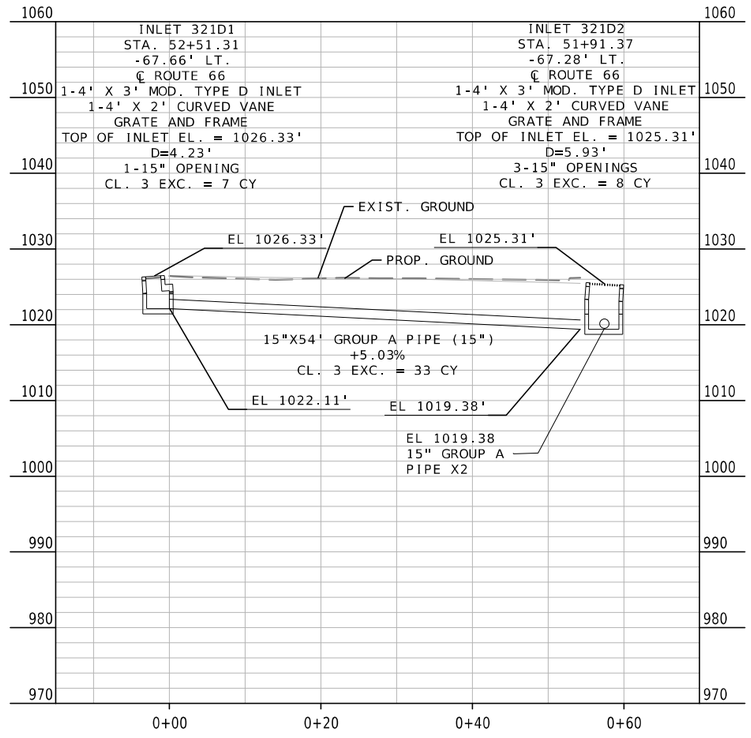
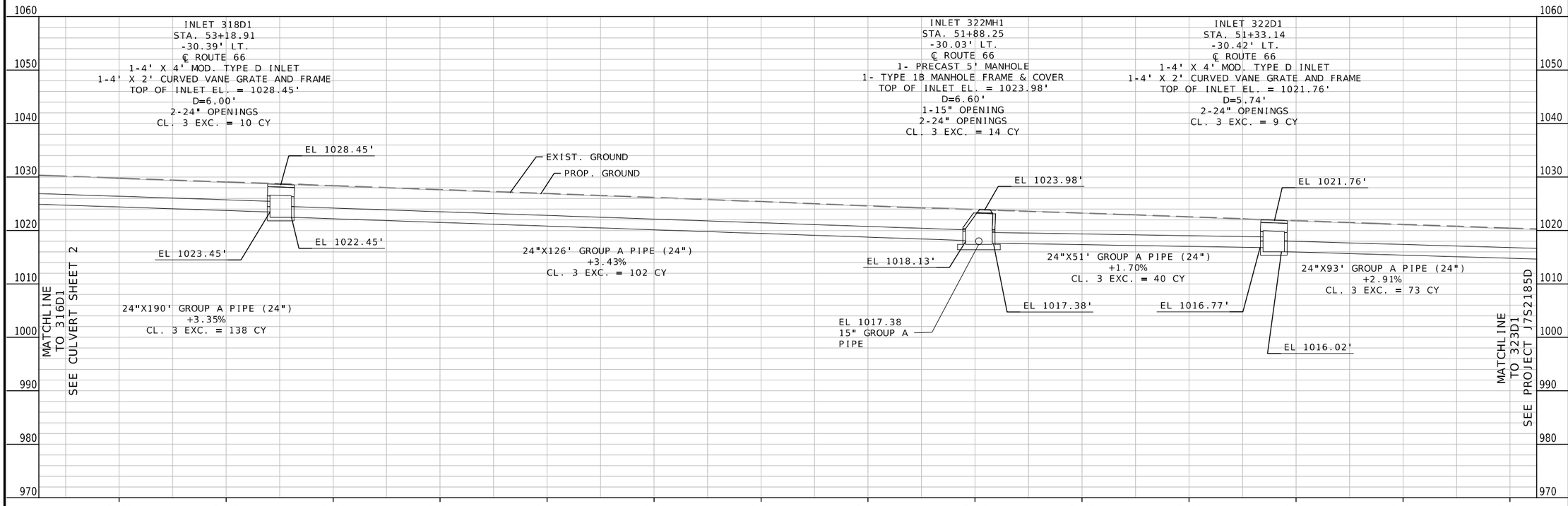
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.







STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	146

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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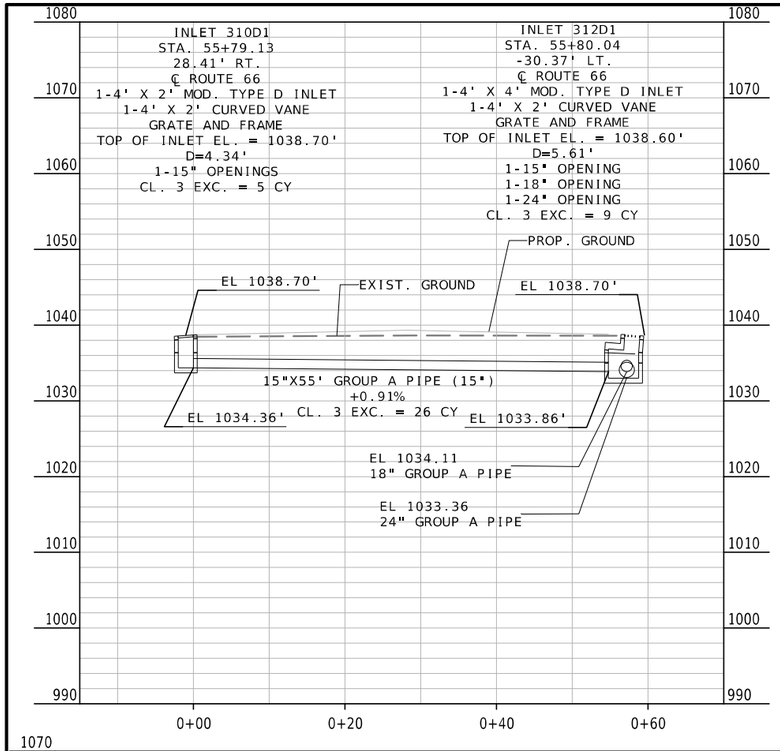
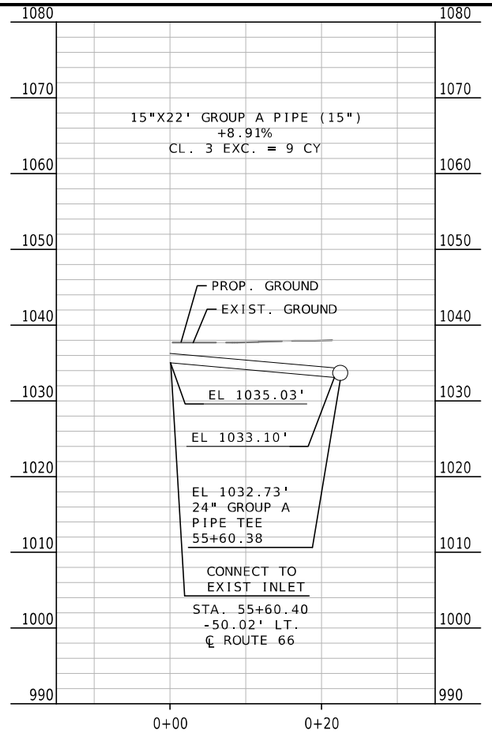
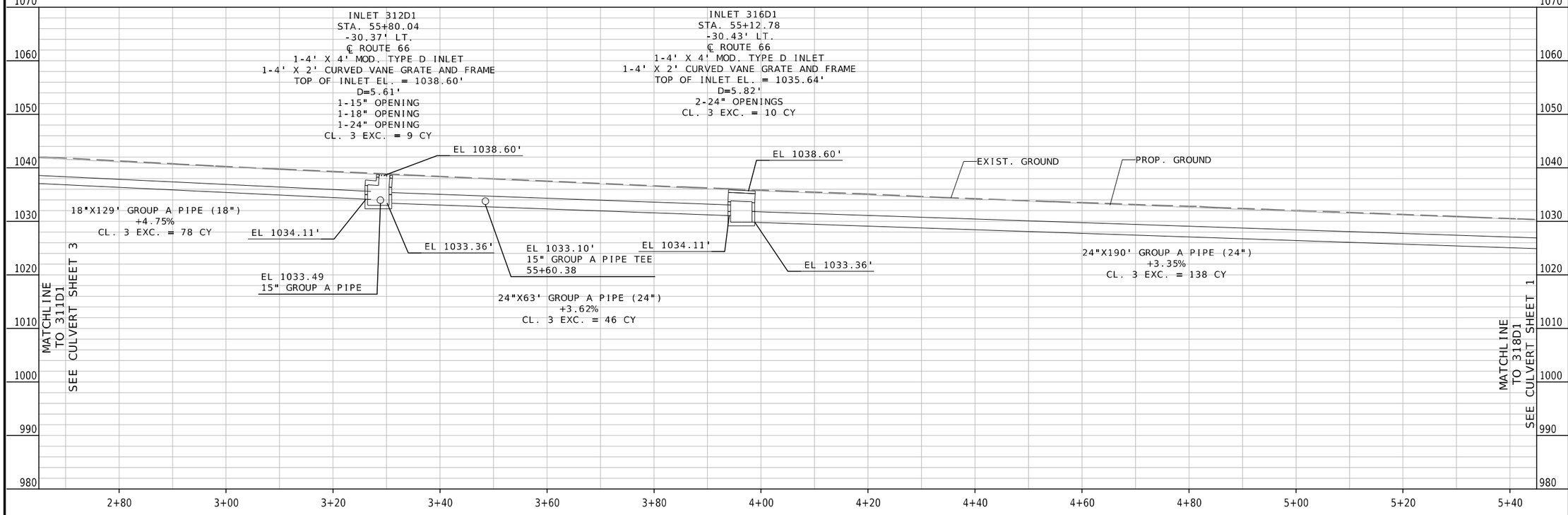
CULVERT SHEET
SHEET 1 OF 21







STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	147

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

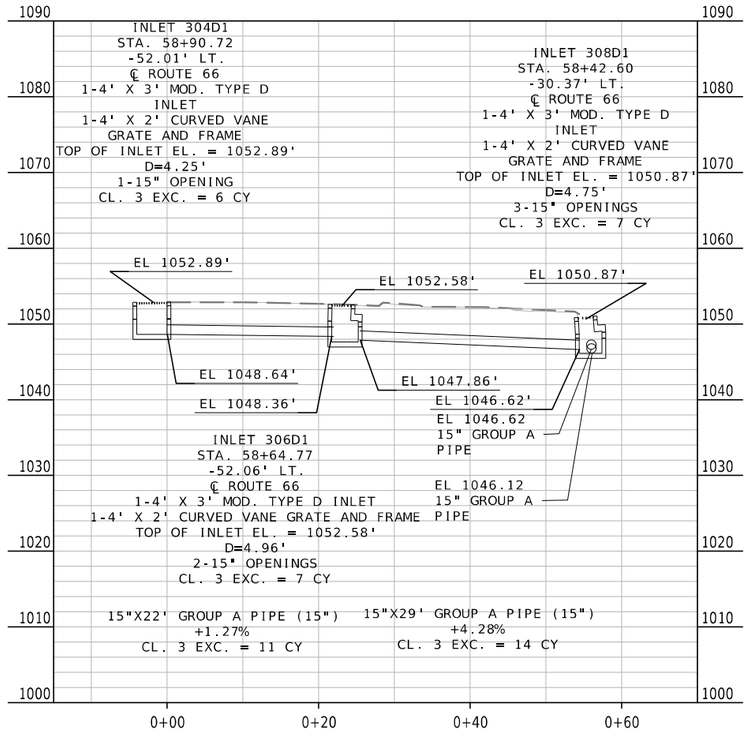
BRIDGE NO.

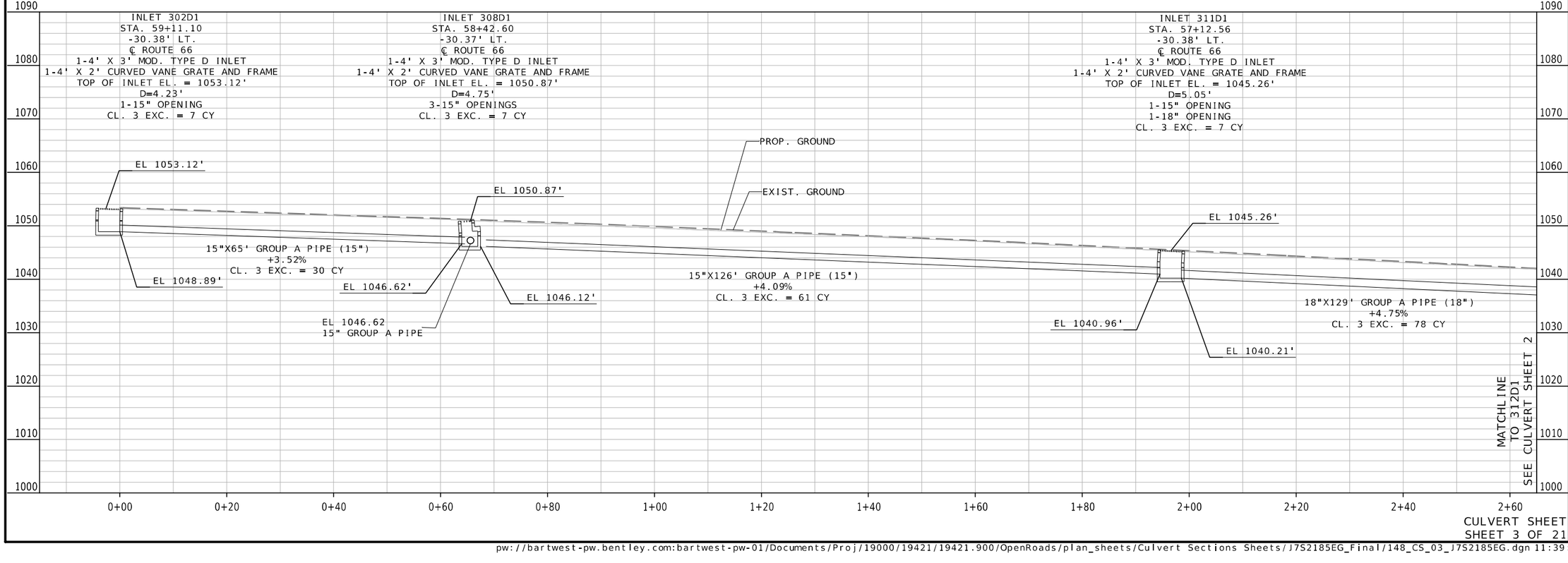
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.900/OpenRoads/plan_sheets/Culvert Sections Sheets/J7S2185EG_Final/147_CS_02_J7S2185EG.dgn 11:38:26 PM 8/4/2025





CULVERT SHEET
SHEET 3 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	148

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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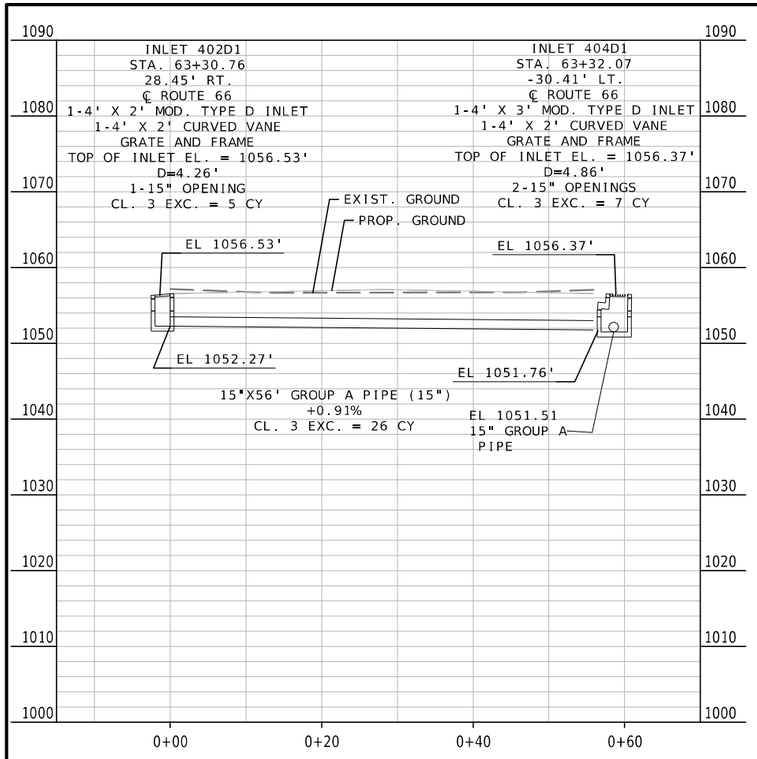
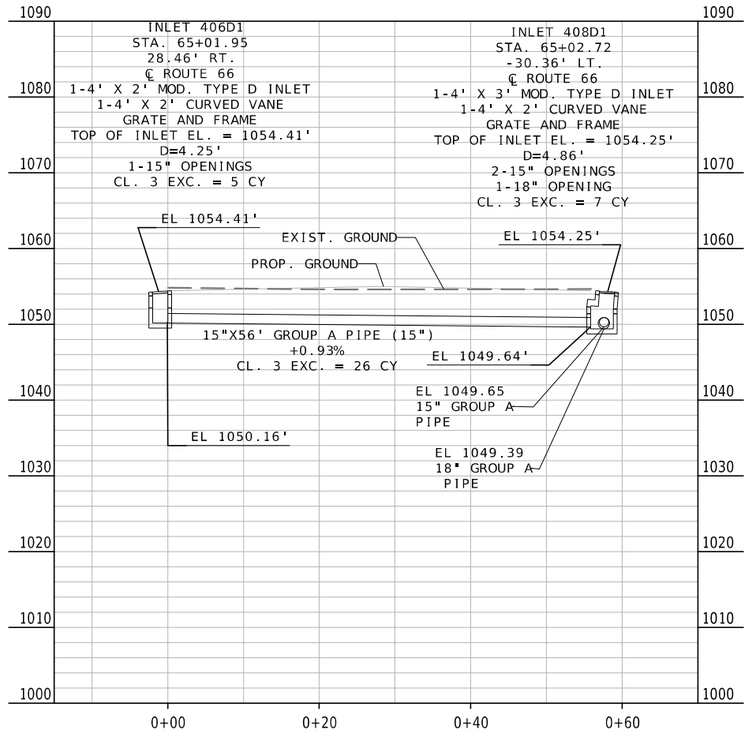
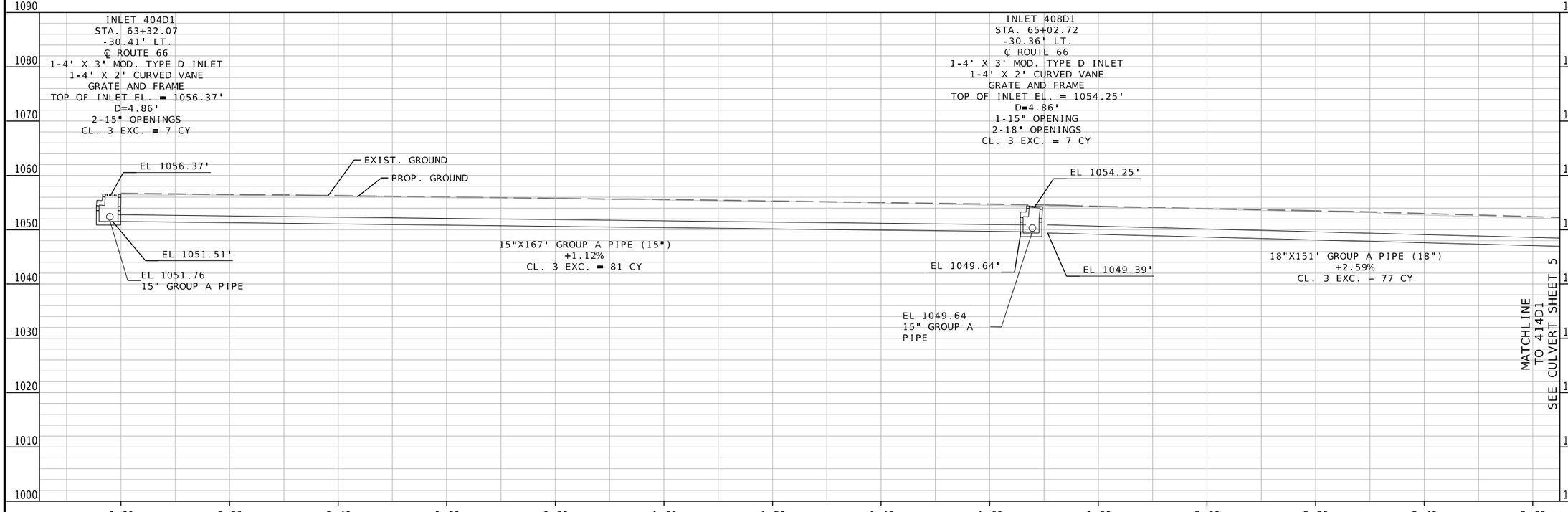
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM







CULVERT SHEET
SHEET 4 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	149

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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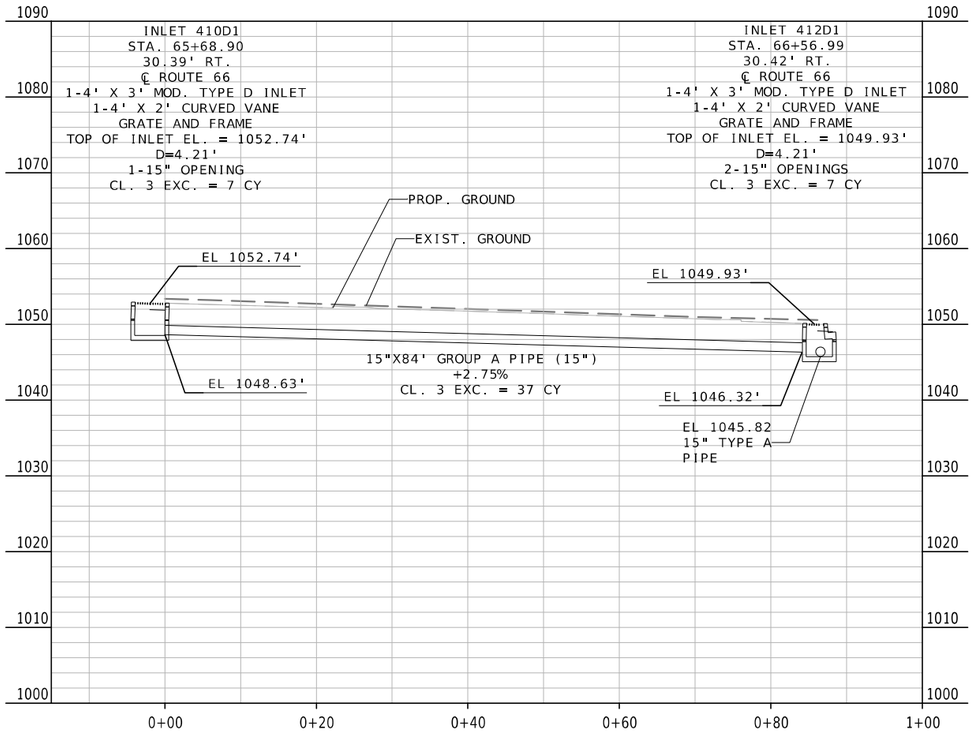

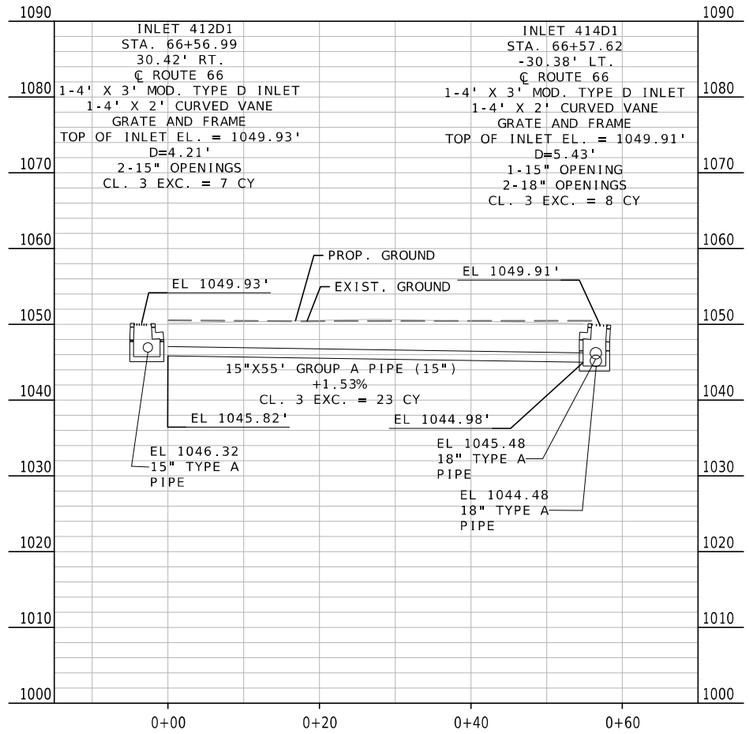

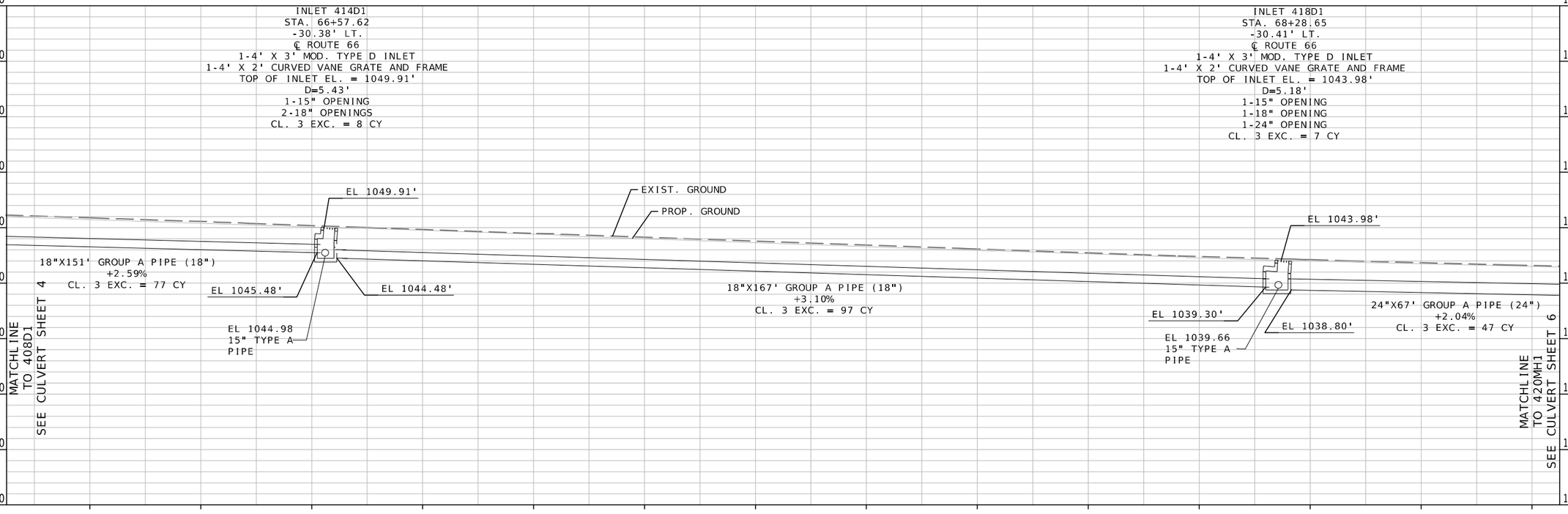

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	150

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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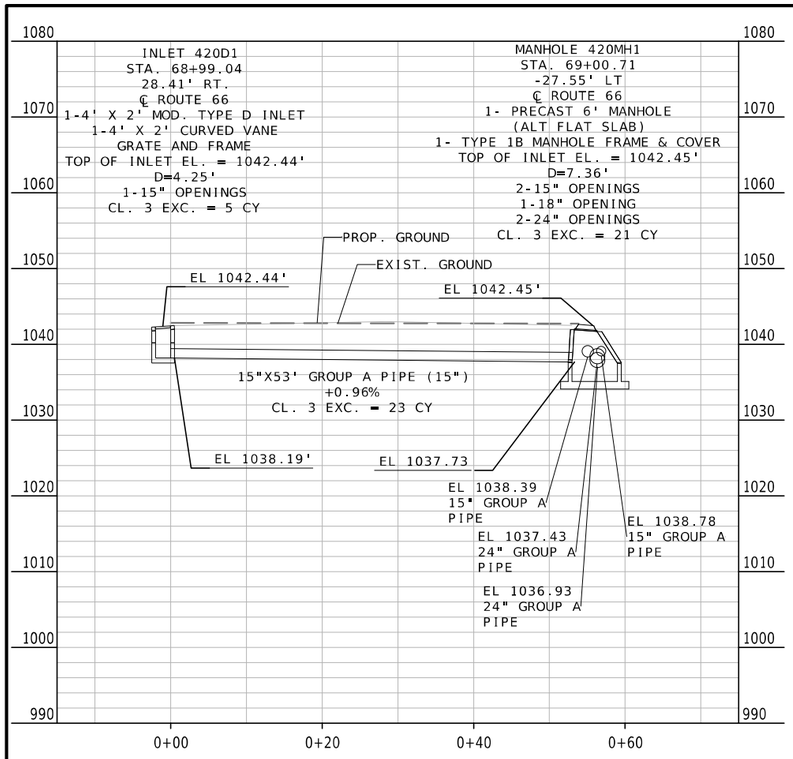
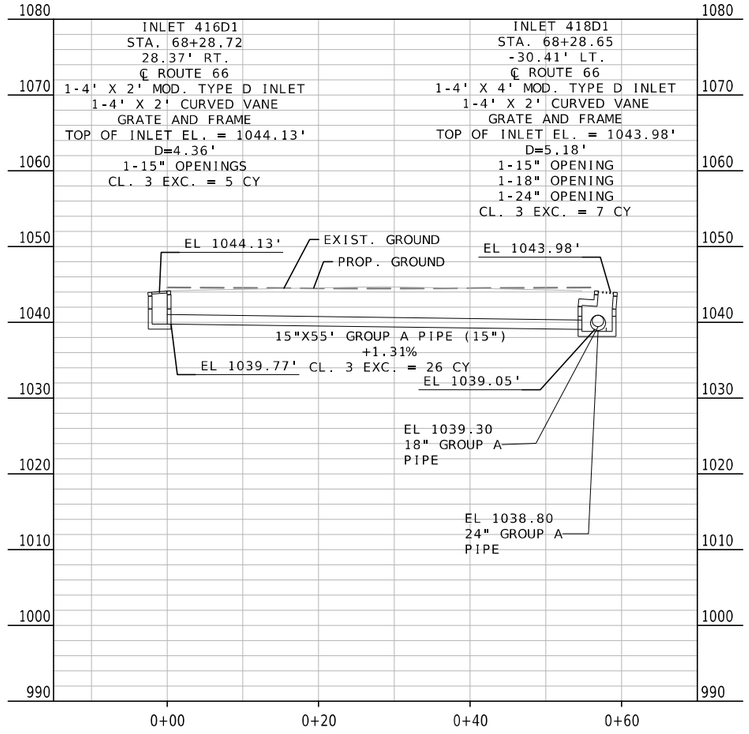
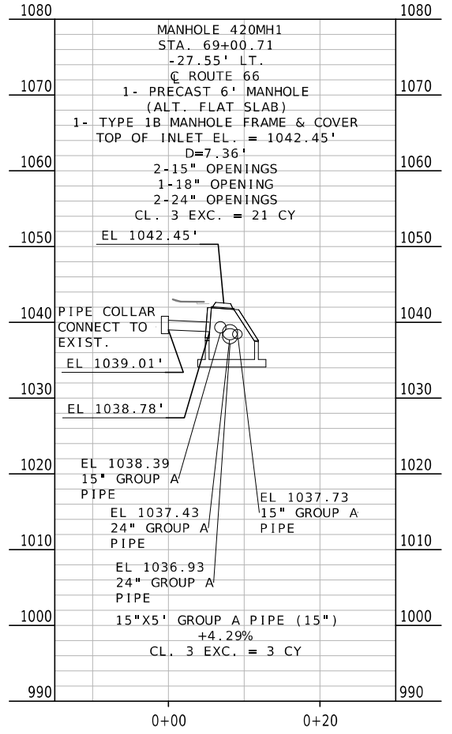
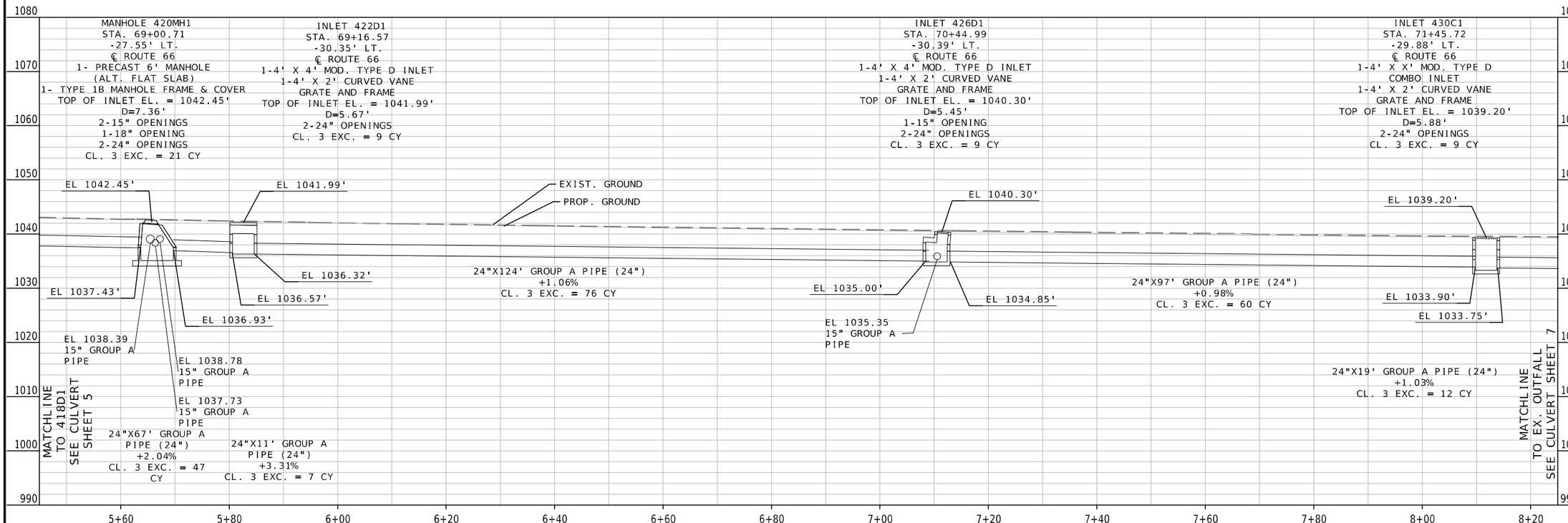
CULVERT SHEET
SHEET 5 OF 21









CULVERT SHEET
SHEET 6 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	151

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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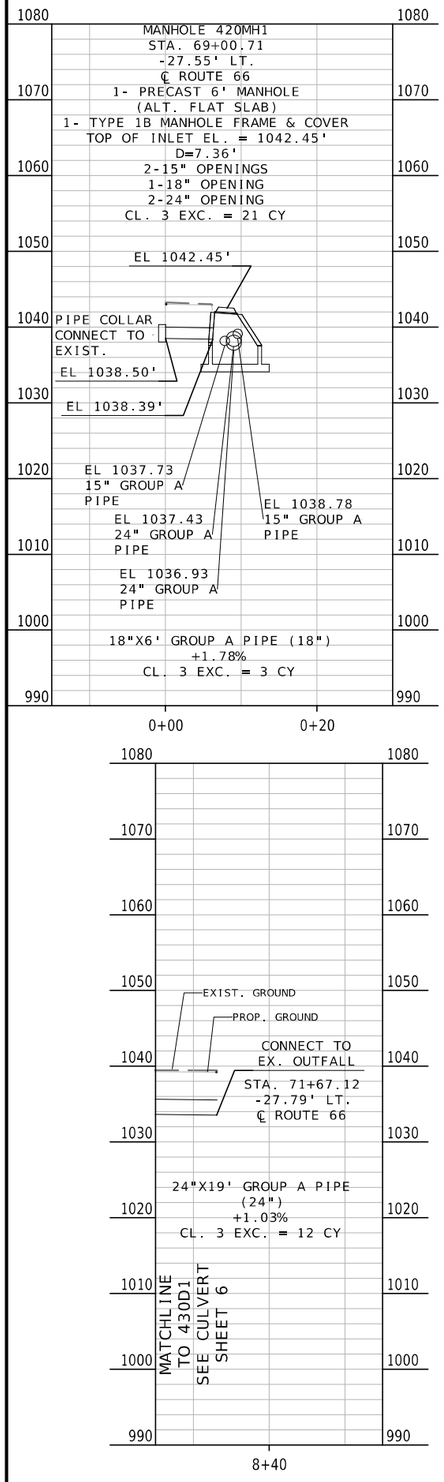
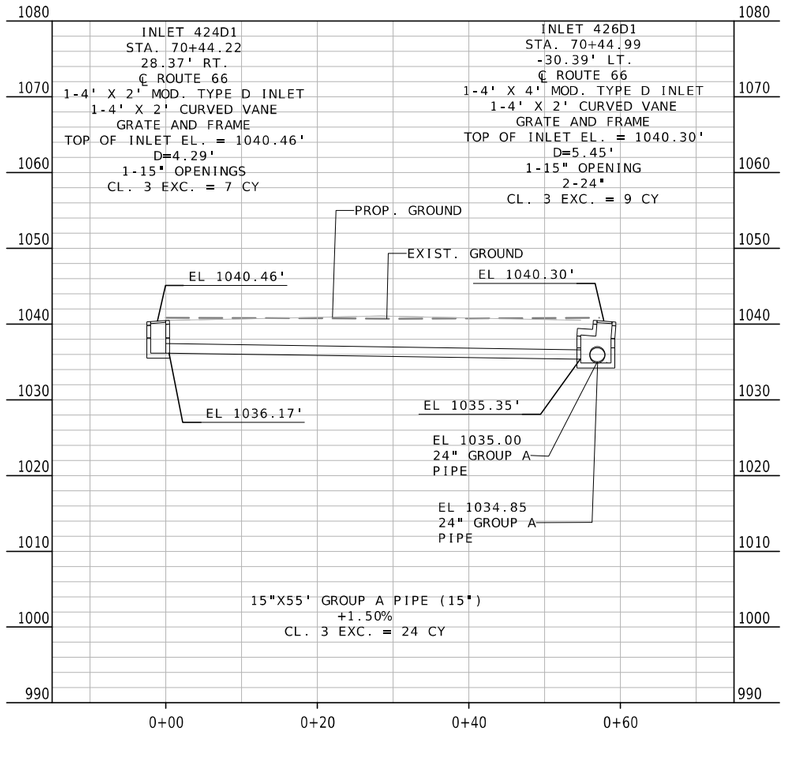
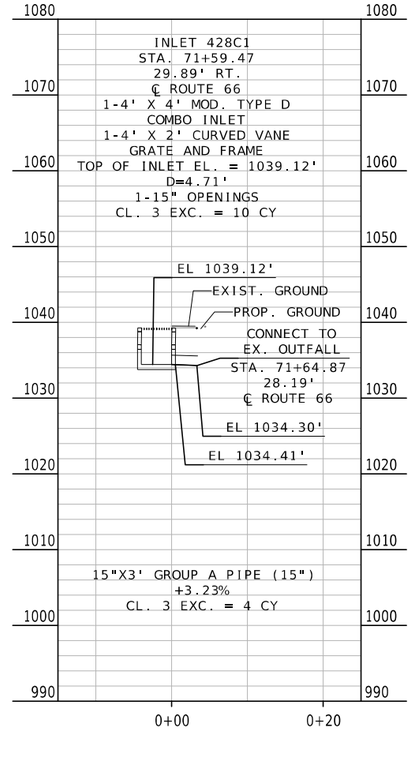
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM







CULVERT SHEET
SHEET 7 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	152

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
.

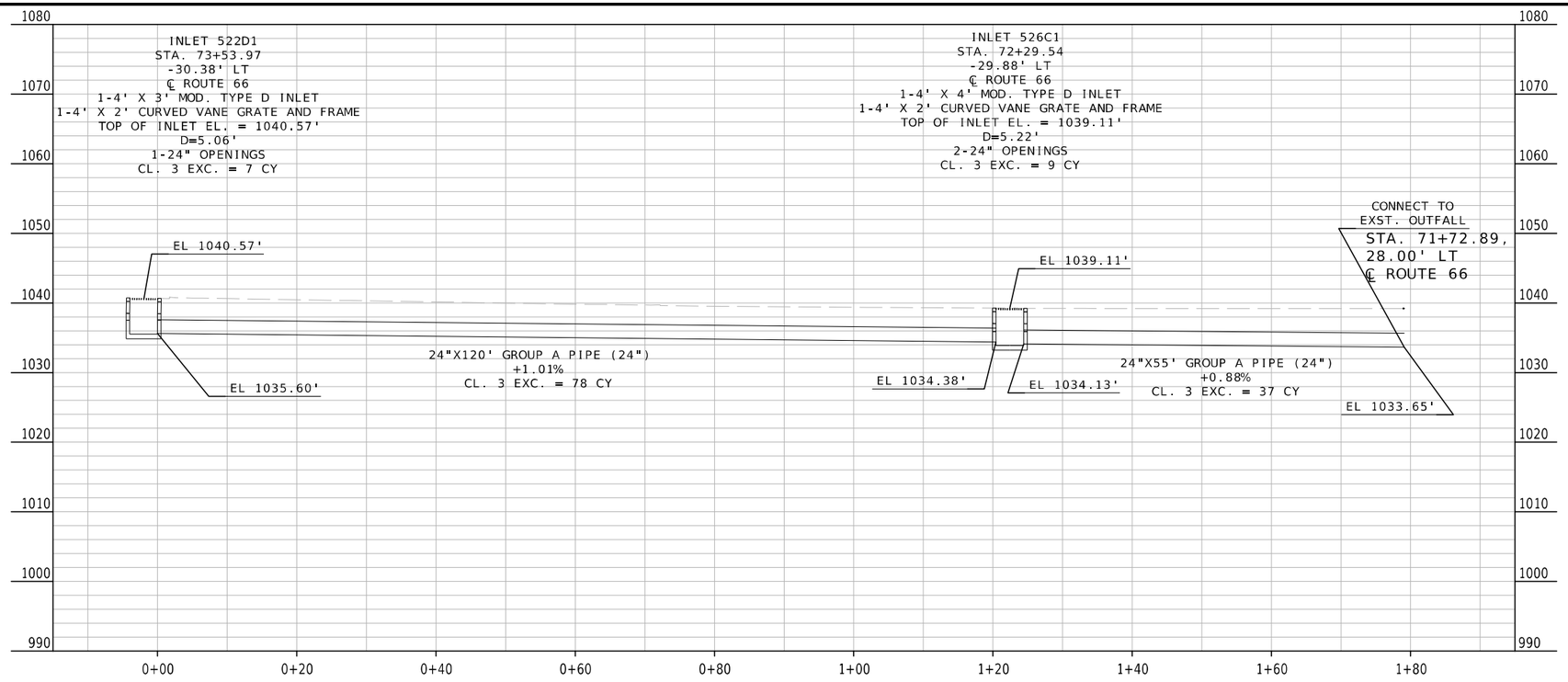
DESCRIPTION	DATE
.	.

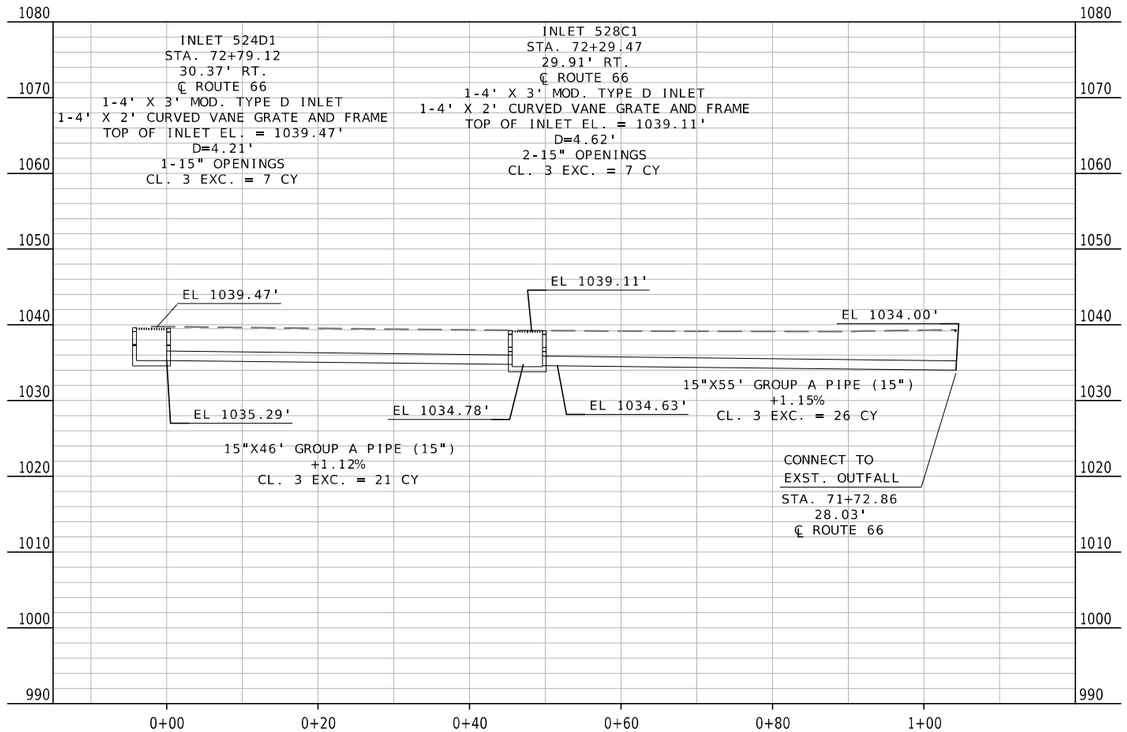
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





CULVERT SHEET
SHEET 8 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	153

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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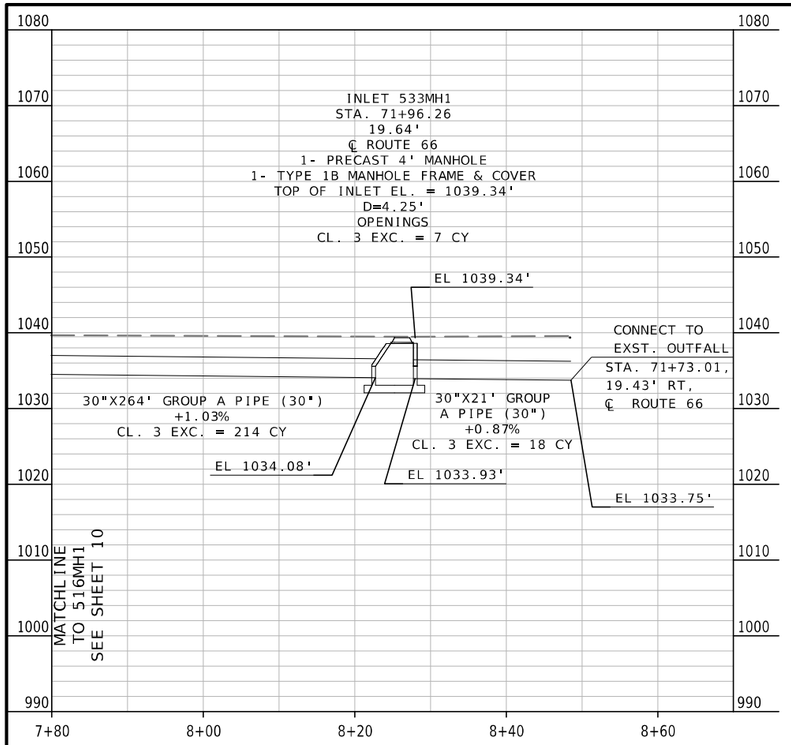

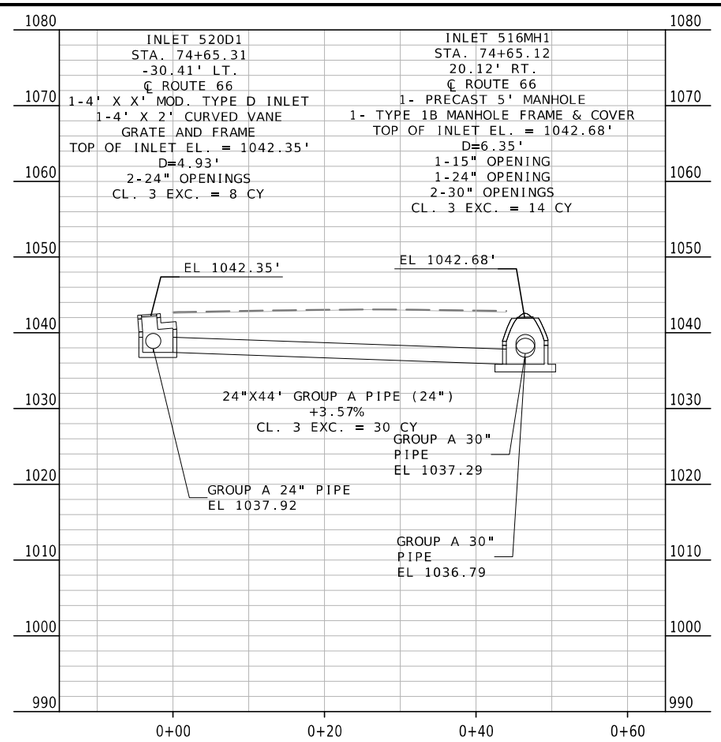

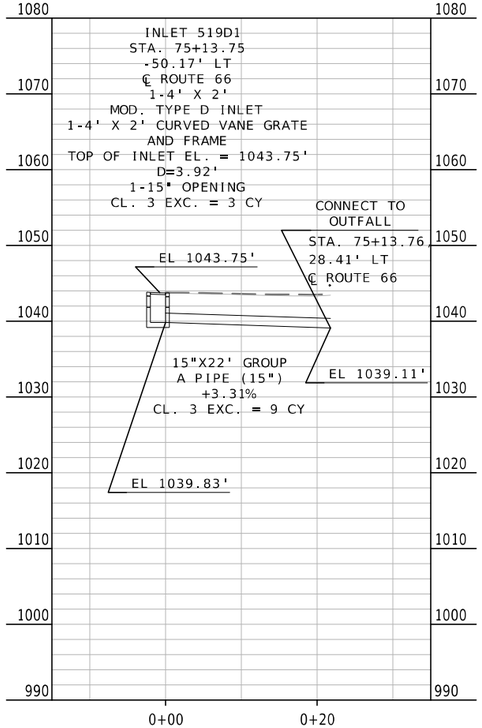

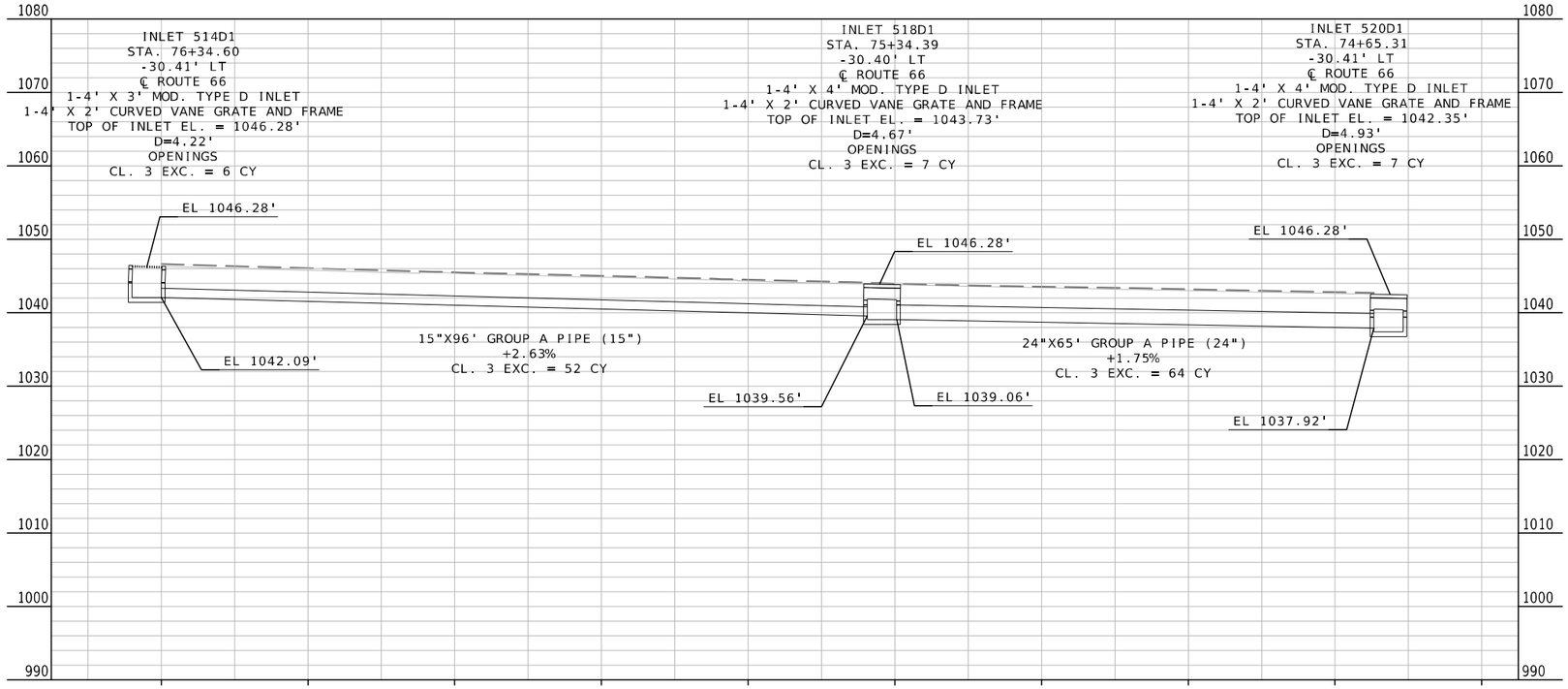

CULVERT SHEET
SHEET 9 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	154

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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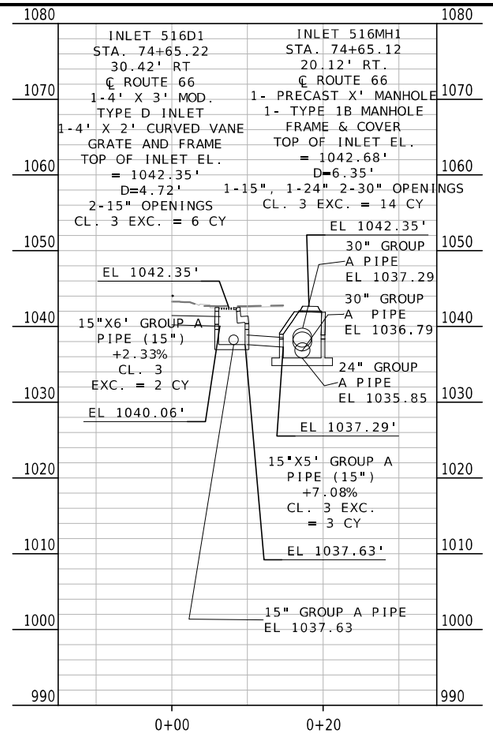

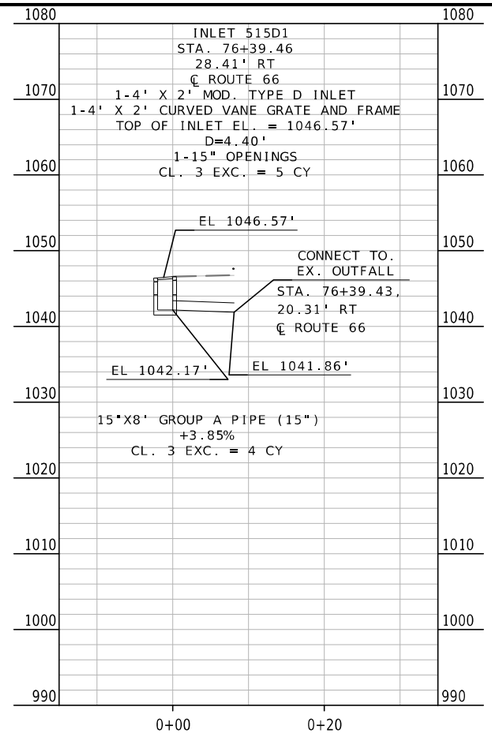

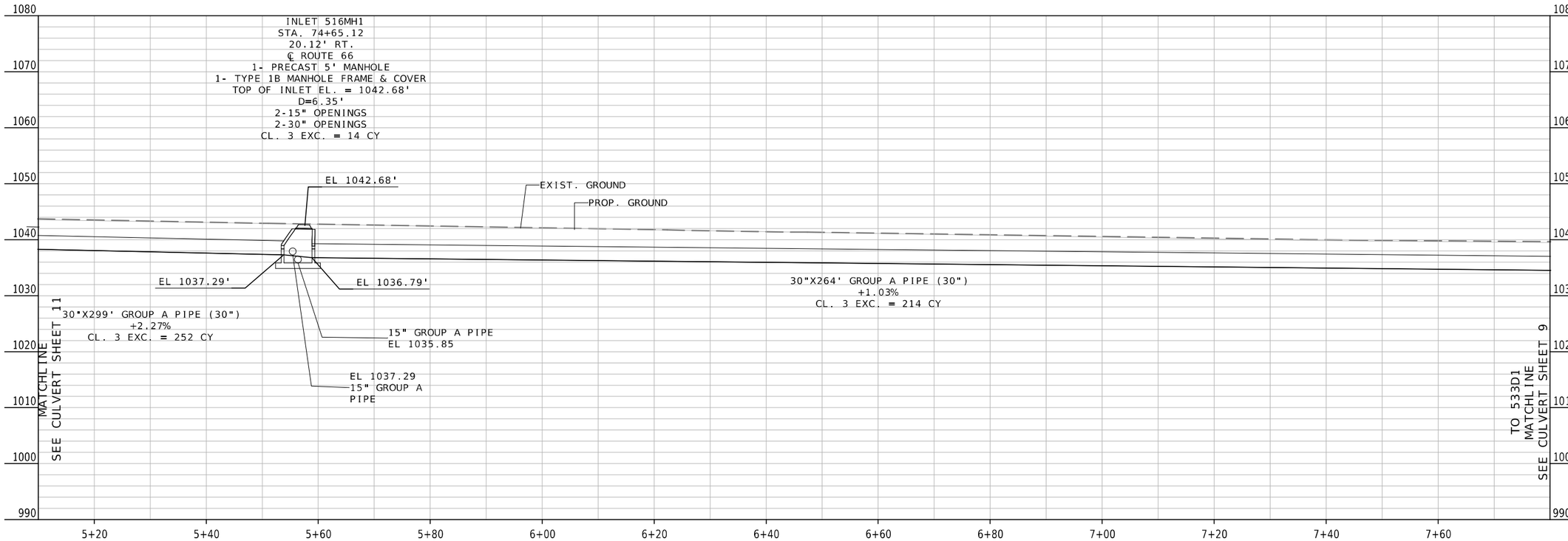

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	155

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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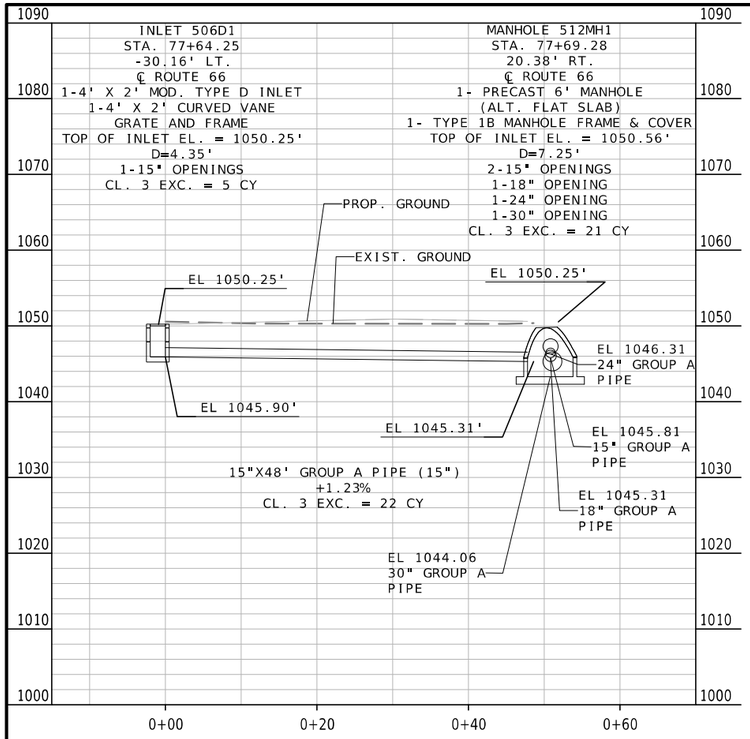
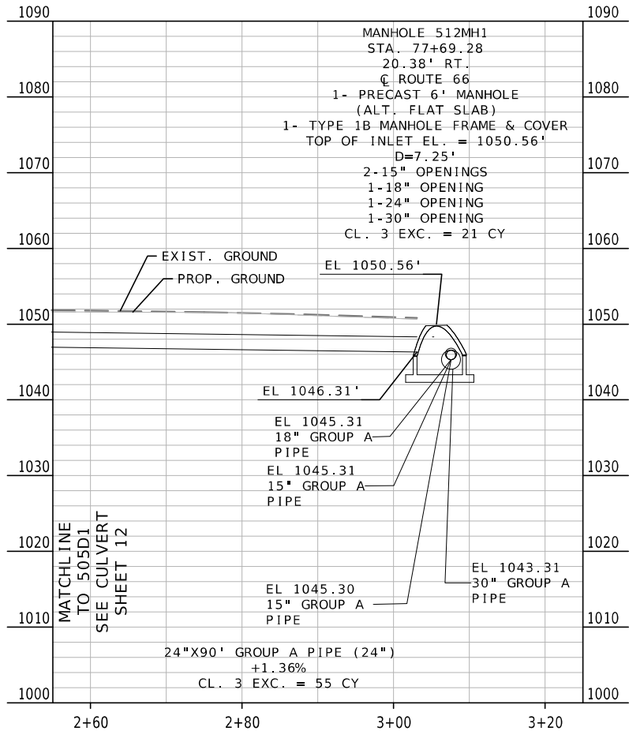
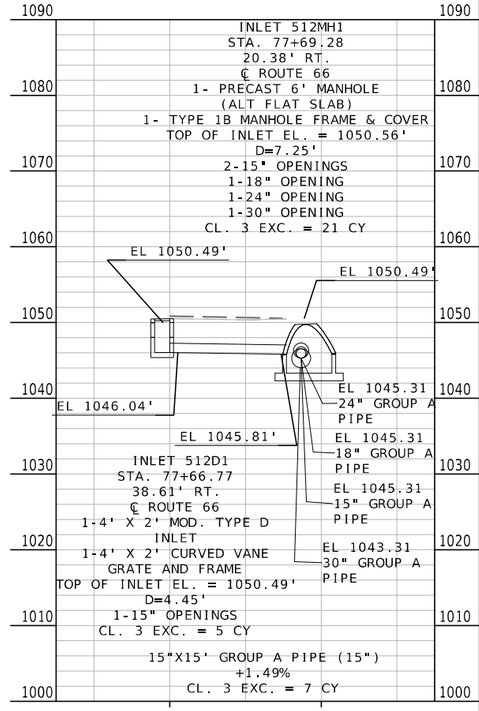
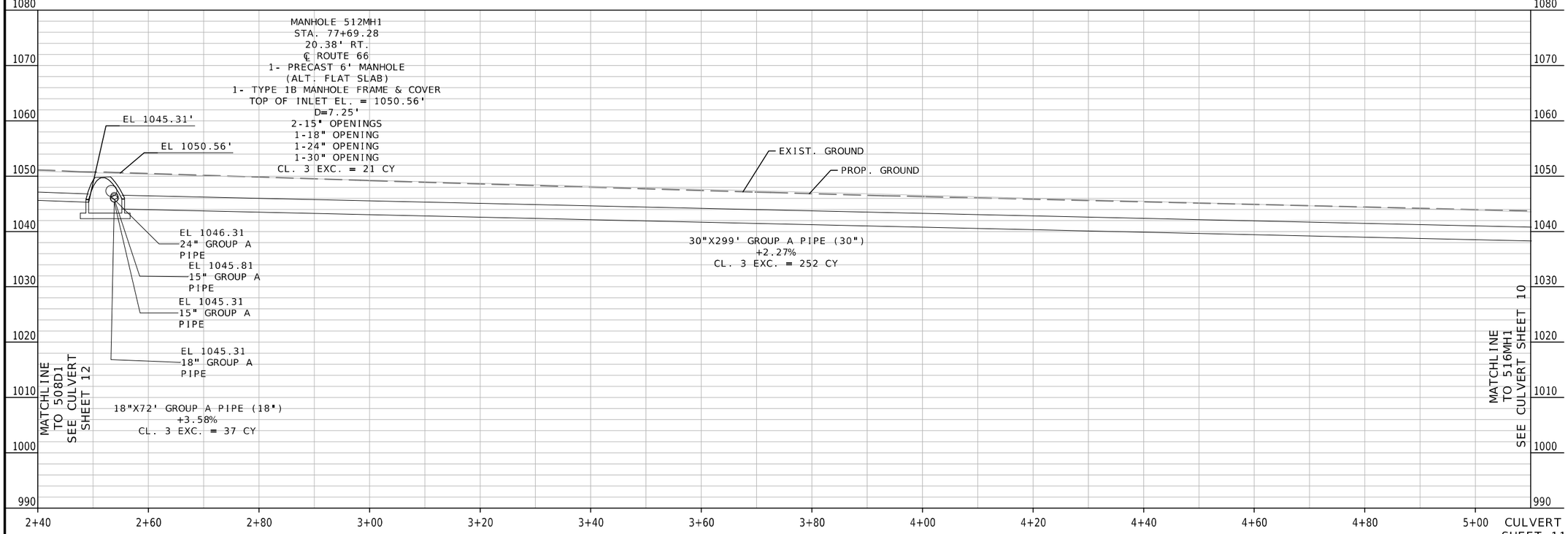
CULVERT SHEET
SHEET 10 OF 21









CULVERT SHEET
SHEET 11 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	156

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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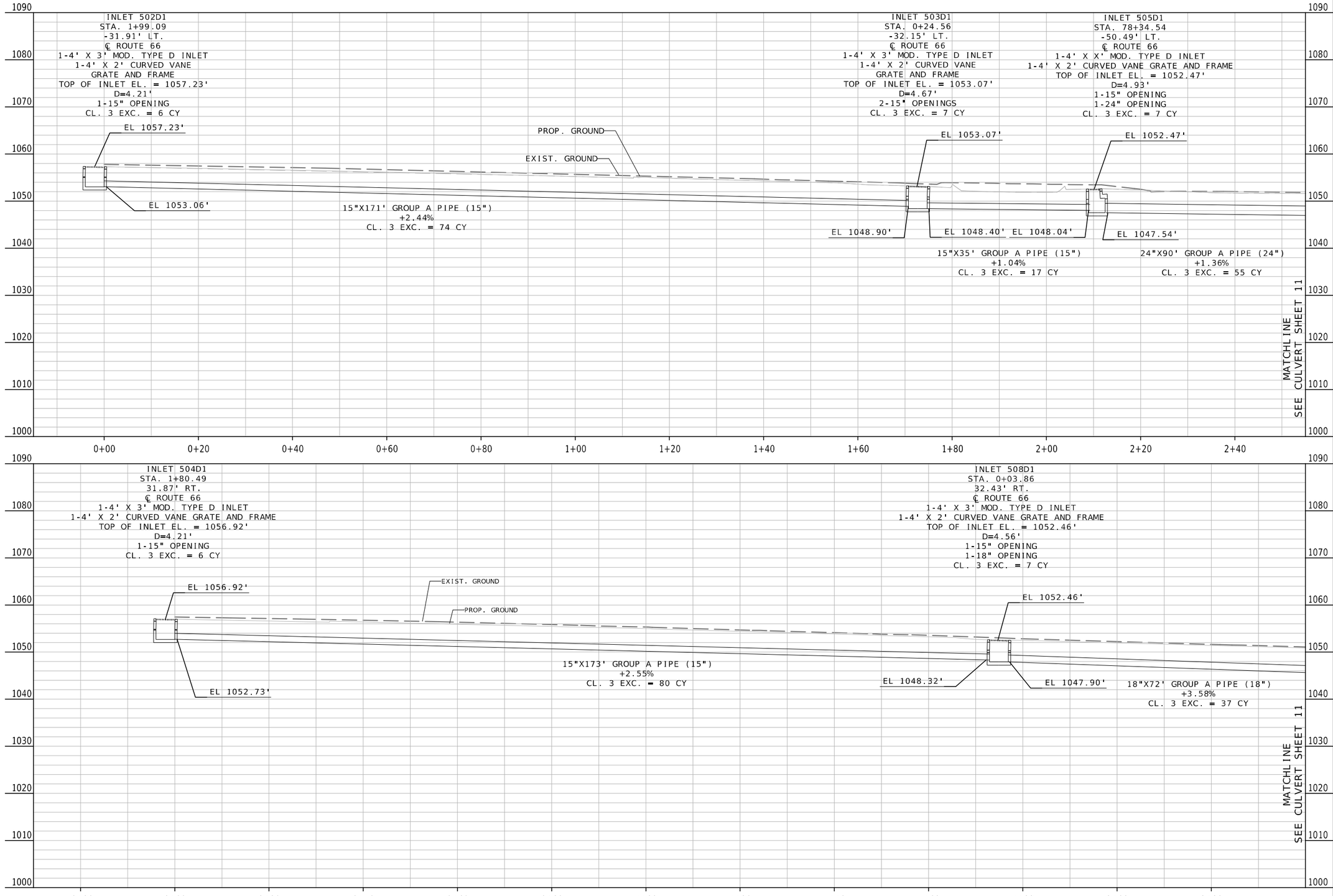
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CULVERT SHEET
SHEET 12 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	157

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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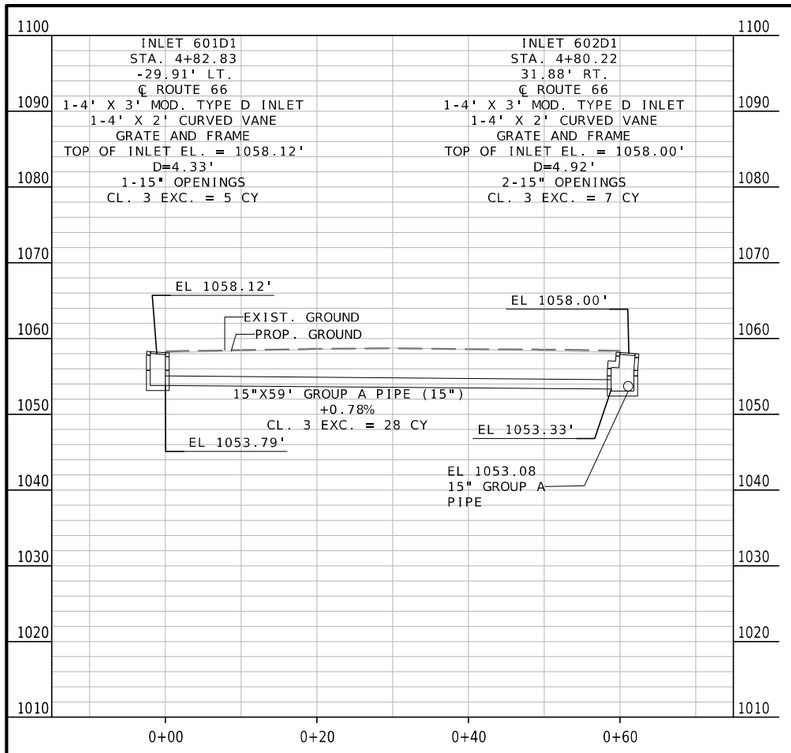

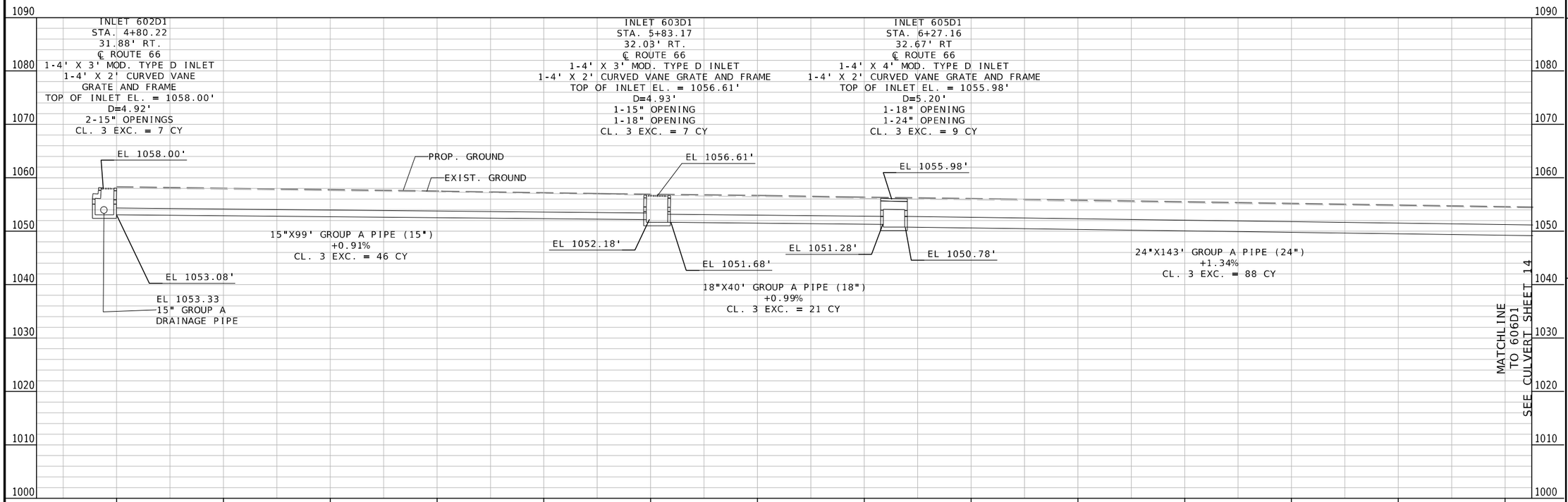

CULVERT SHEET
SHEET 13 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	158

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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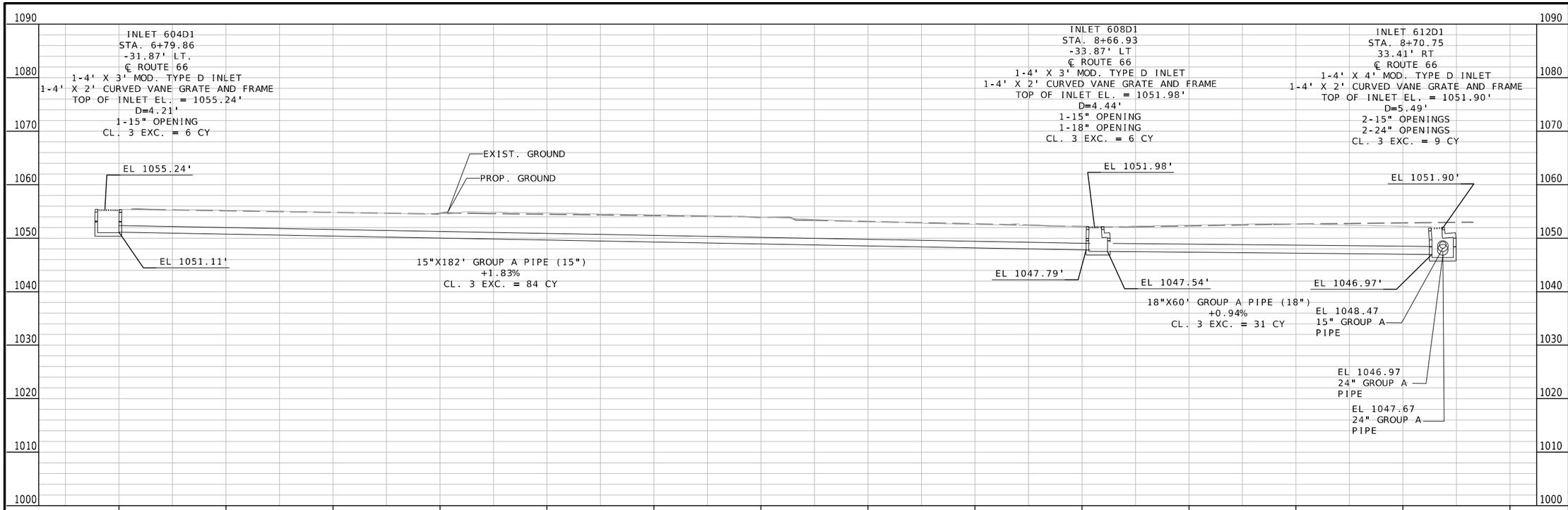

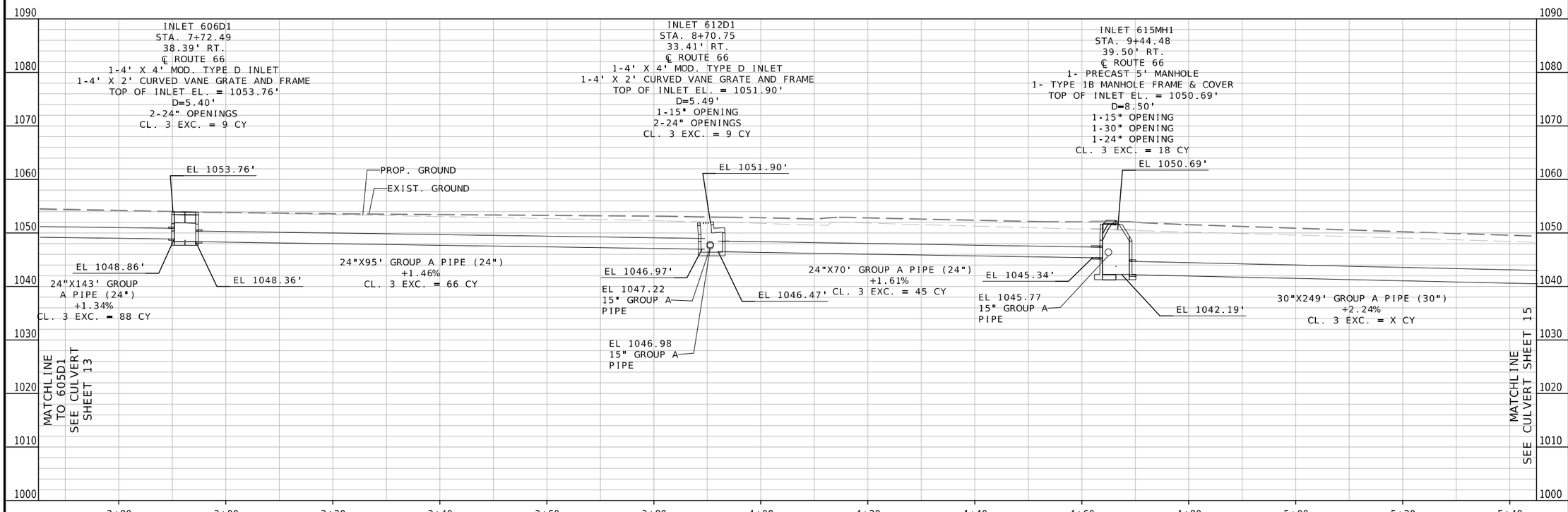

CULVERT SHEET
SHEET 14 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO

DISTRICT	SHEET NO.
SW	159

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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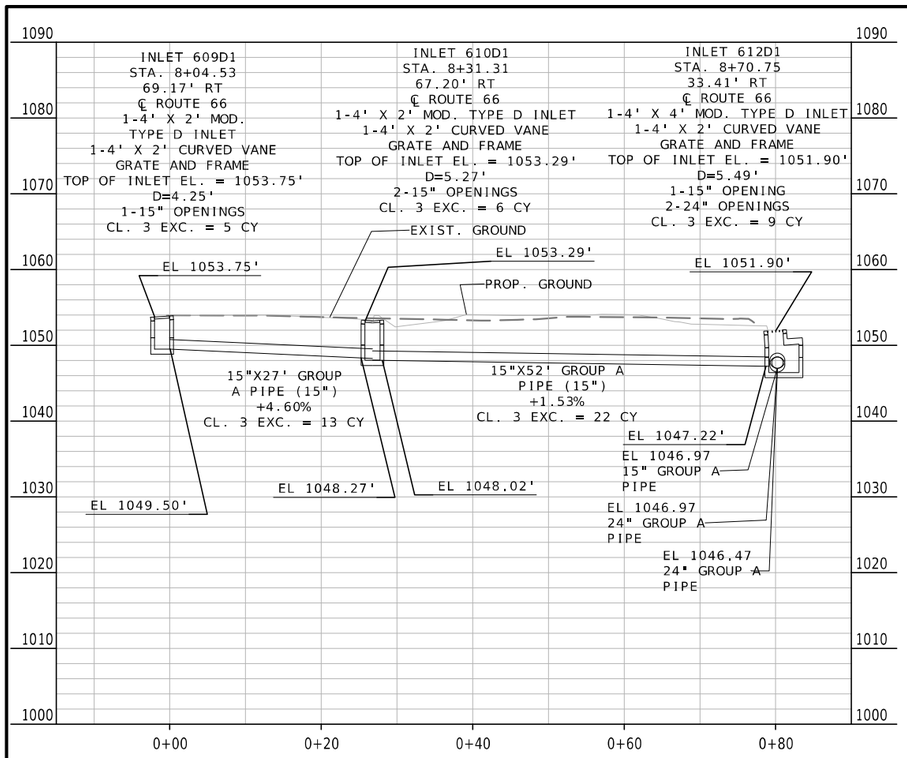

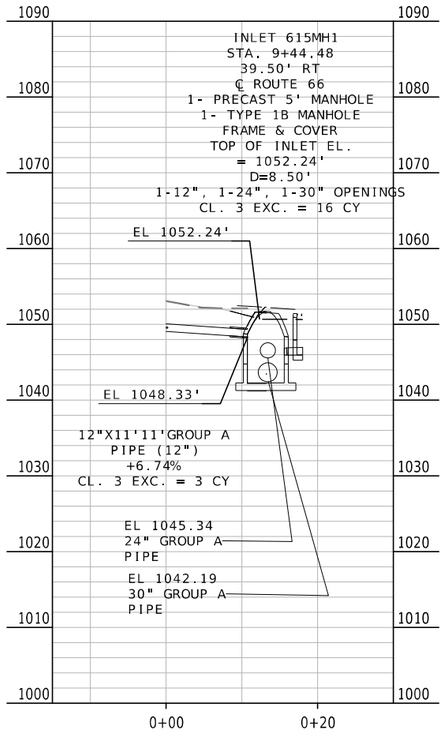

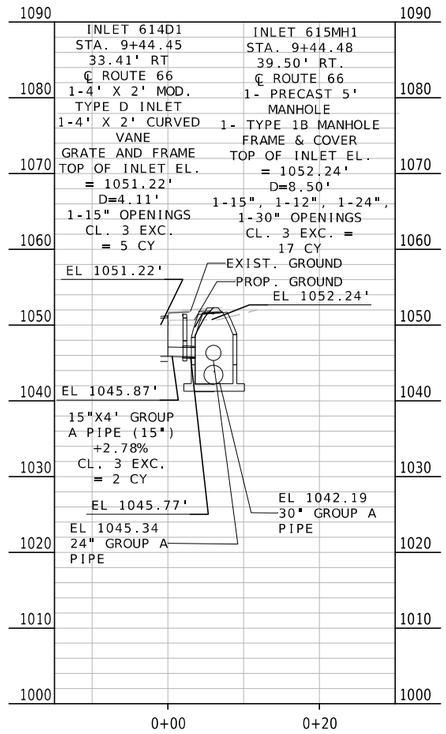

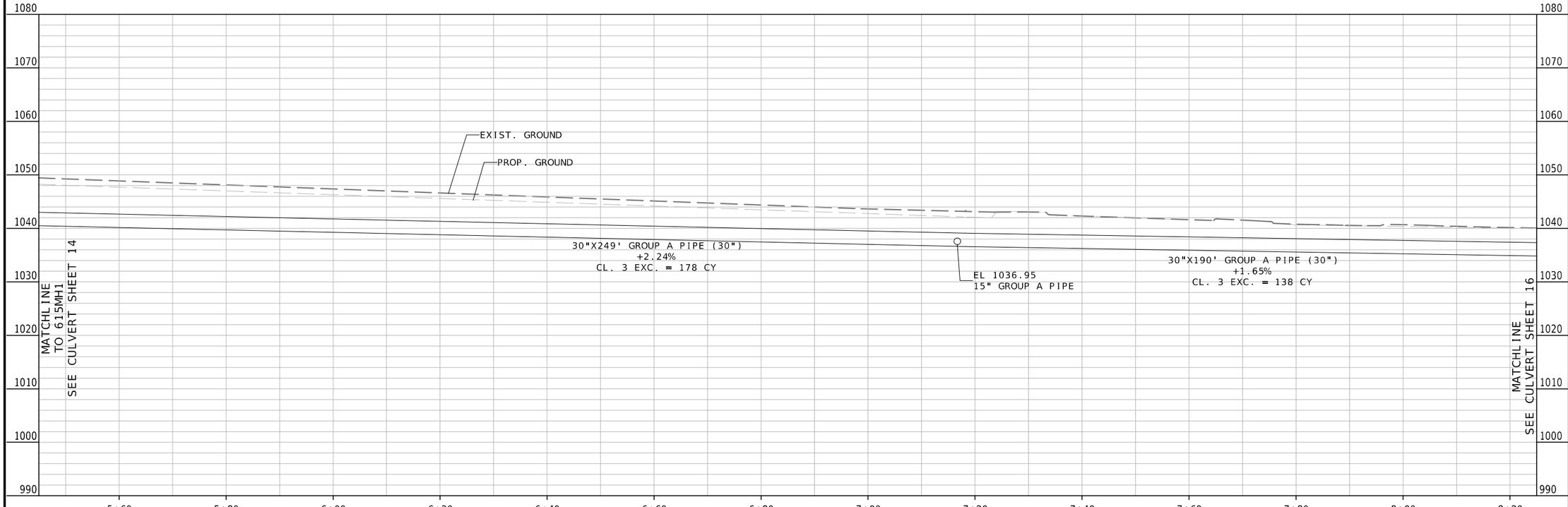

CULVERT SHEET
SHEET 15 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	160

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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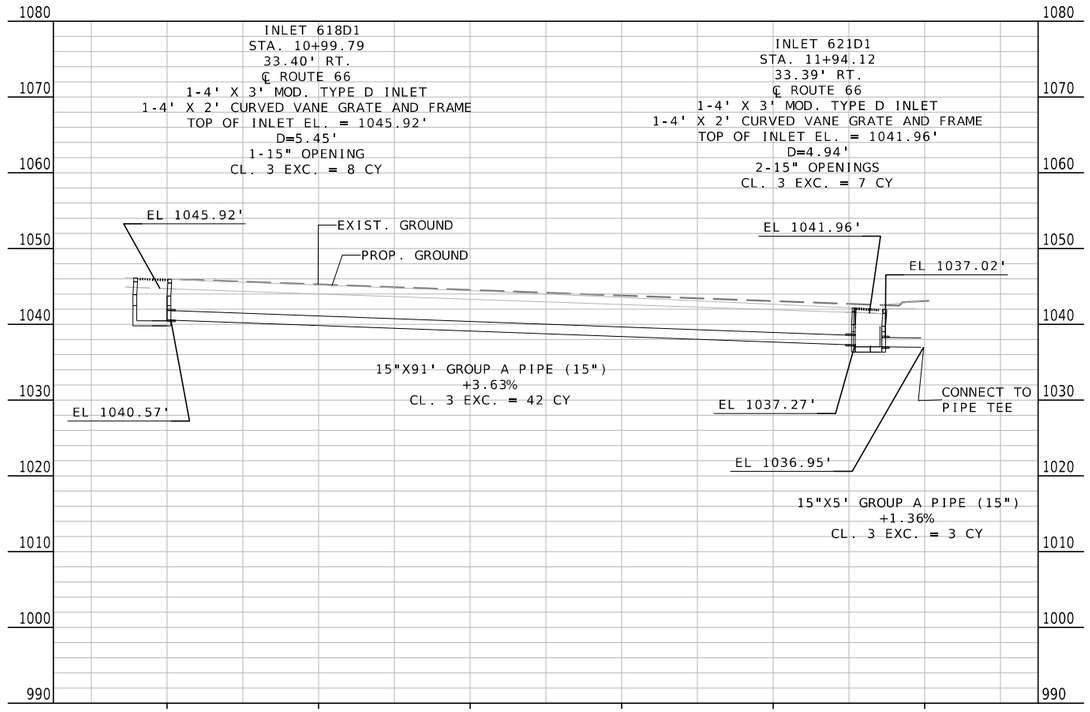

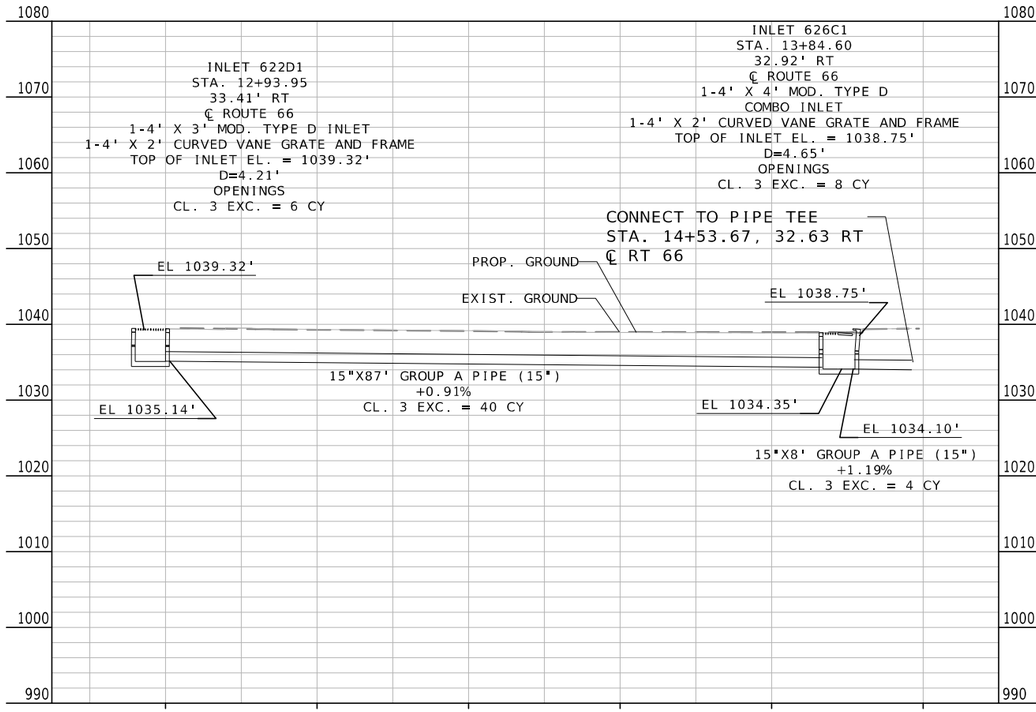

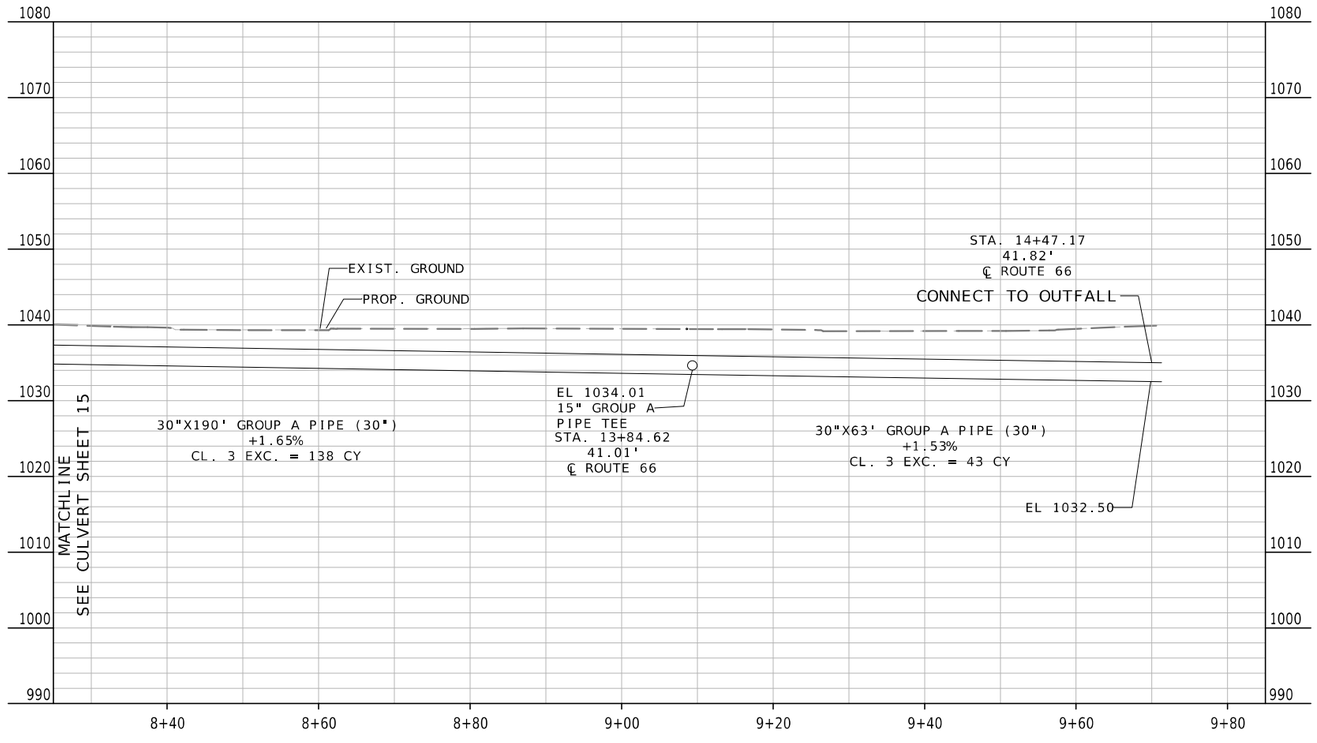

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	161

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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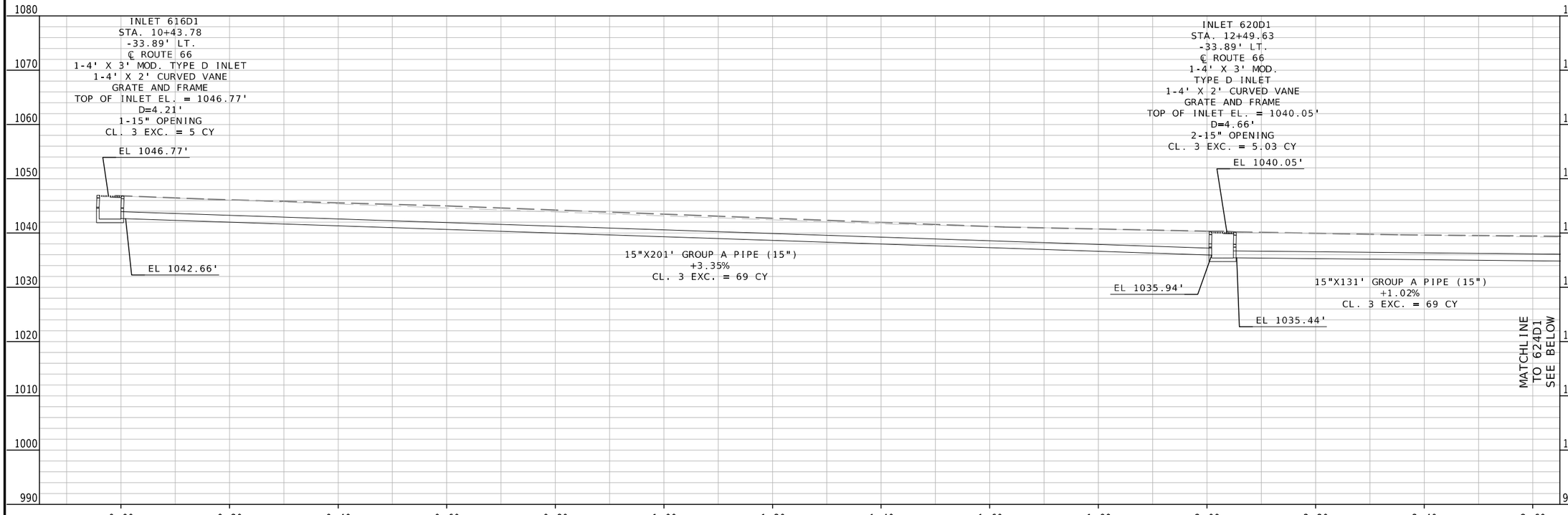

CULVERT SHEET
SHEET 17 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

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DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	162

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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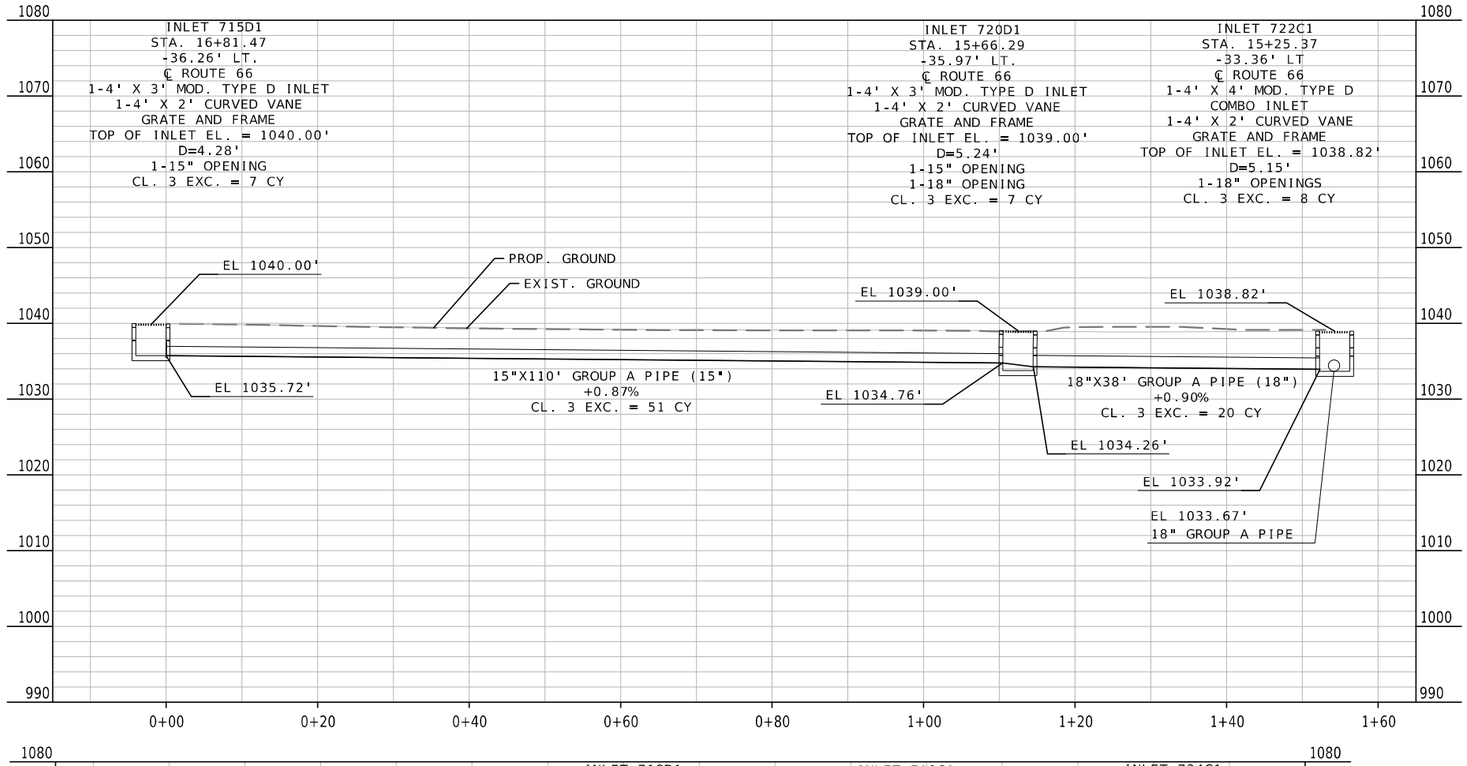

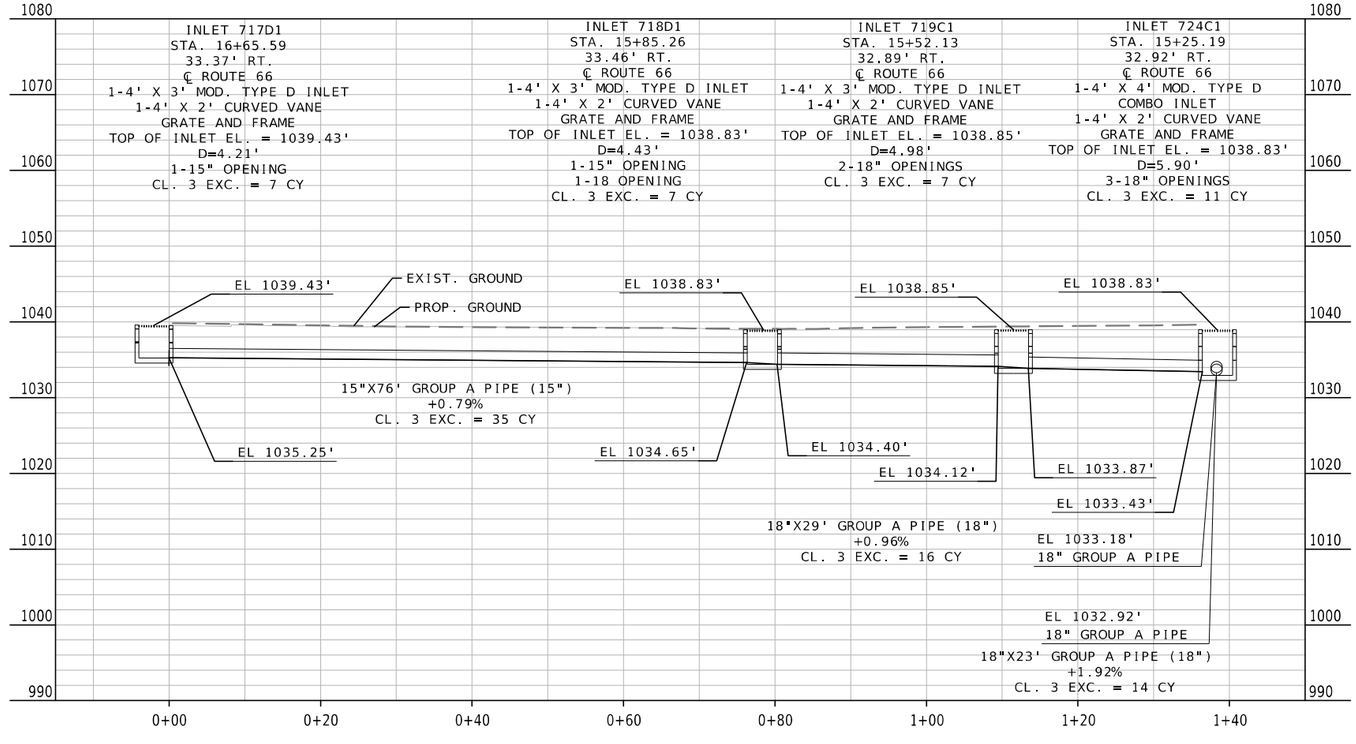

CULVERT SHEET
SHEET 18 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
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PROFESSIONAL ENGINEER

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DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	163

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.

PROJECT NO.

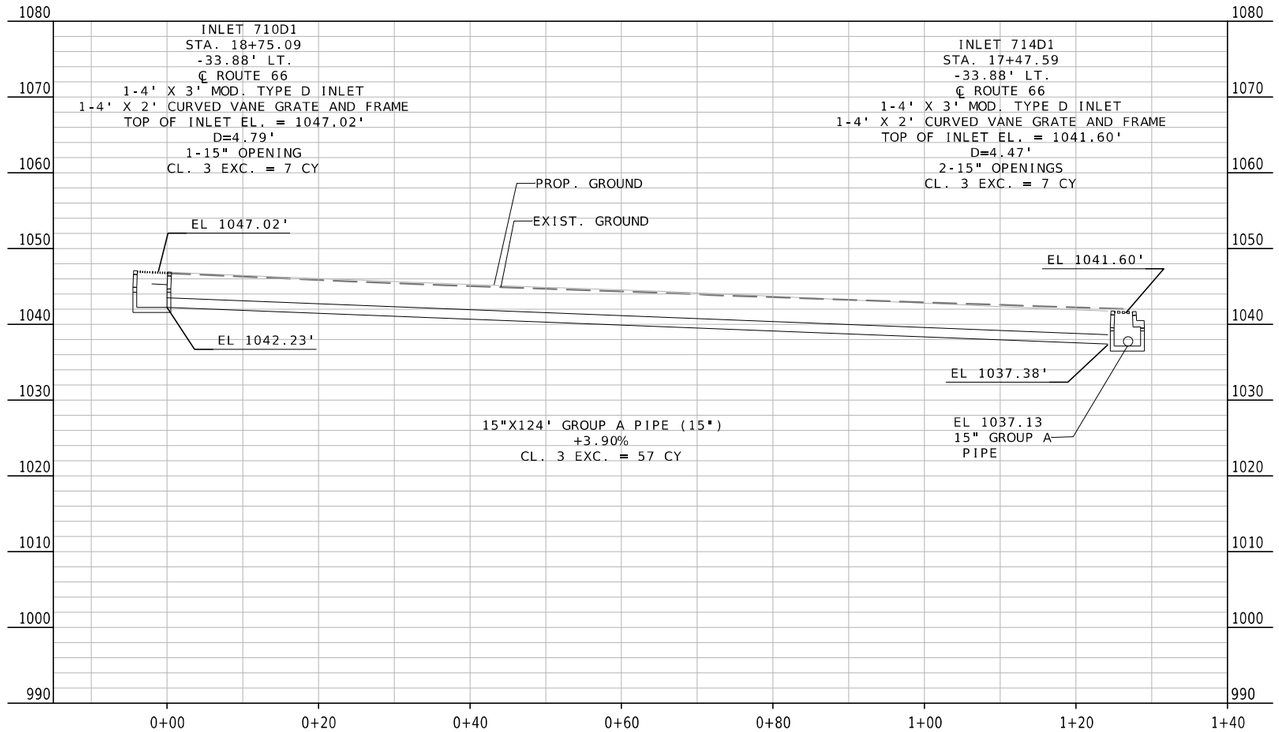
BRIDGE NO.

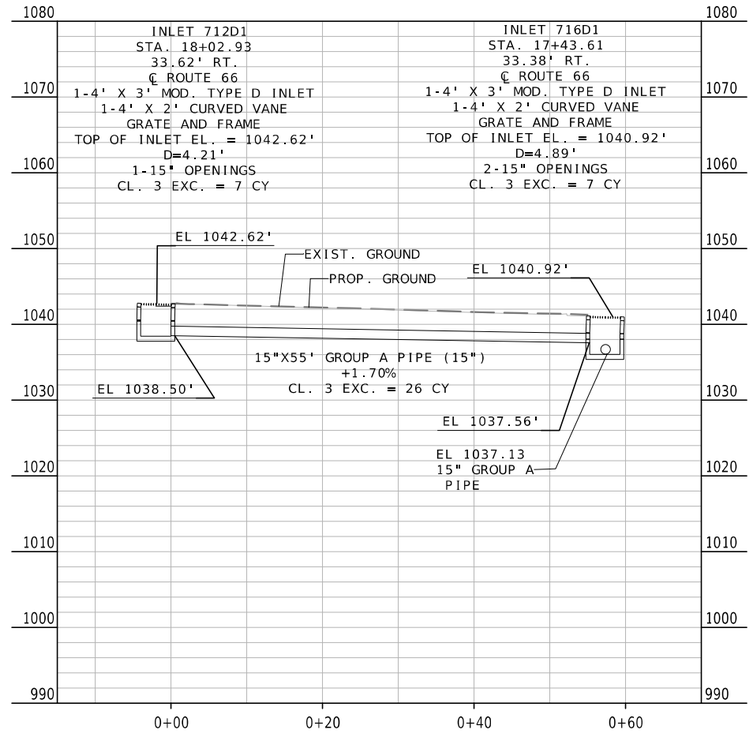
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





CULVERT SHEET
SHEET 19 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	164

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 05101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

INLET 708D1
STA. 19+19.42
38.08' RT.
℄ ROUTE 66
1-4' X 2' MOD. TYPE D INLET
1-4' X 2' CURVED VANE
GRATE AND FRAME
TOP OF INLET EL. = 1047.31'
D=5.11'
1-15" OPENING
CL. 3 EXC. = 5 CY

EL 1047.31'
EL 1047.22'
EL 1042.20'
EL 1042.05'
EL 1041.22
30" GROUP A
PIPE
EL 1040.22
30" GROUP A
PIPE

MANHOLE 708MH1
STA. 19+18.74
42.22' RT.
℄ ROUTE 66
1- PRECAST 5' MANHOLE
1- TYPE 1B MANHOLE
FRAME & COVER
TOP OF INLET EL. =
1047.22'
D=7.02'
1-15" OPENING
2-30" OPENINGS
CL. 3 EXC. = 11 CY

15"X2' GROUP A PIPE (15")
+8.87%
CL. 3 EXC. = 2 CY

INLET 714D1
STA. 17+47.59
-33.88' LT.
℄ ROUTE 66
1-4' X 3' MOD. TYPE D INLET
1-4' X 2' CURVED VANE
GRATE AND FRAME
TOP OF INLET EL. = 1041.60'
D=4.47'
2-15" OPENINGS
CL. 3 EXC. = 7 CY

INLET 716D1
STA. 17+43.61
33.38' RT.
℄ ROUTE 66
1-4' X 3' MOD. TYPE D INLET
1-4' X 2' CURVED VANE
GRATE AND FRAME
TOP OF INLET EL. = 1040.92'
D=4.89'
3-15" OPENINGS
CL. 3 EXC. = 7 CY

MANHOLE 716MH1
STA. 17+43.82
39.33' RT.
℄ ROUTE 66
1- PRECAST 6' MANHOLE
1- TYPE 1B MANHOLE FRAME & COVER
TOP OF INLET EL. = 1041.64'
D=7.36'
1-18" OPENING
2-36" OPENING
CL. 3 EXC. = 20 CY

PROP. GROUND
EXIST. GROUND
EL 1041.60'
EL 1040.92'
EL 1041.64'
EL 1037.13'
EL 1035.14
36" GROUP A
PIPE
EL 1037.13'
EL 1036.03'
EL 1037.54
15" GROUP A
PIPE
EL 1035.94'
EL 1037.56
15" GROUP A
PIPE
EL 1035.14
36" GROUP A
PIPE

15"X61' GROUP A PIPE (15")
+0.98%
CL. 3 EXC. = 28 CY

15"X3' GROUP A PIPE (15")
+3.03%
CL. 3 EXC. = 2 CY

INLET 722C1
STA. 15+25.37
-33.36' LT.
℄ ROUTE 66
1-4' X 4' MOD. TYPE D
COMBO INLET
1-4' X 2' CURVED VANE
GRATE AND FRAME
TOP OF INLET EL. = 1038.82'
D=5.15'
2-18" OPENINGS
CL. 3 EXC. = 8 CY

INLET 724C1
STA. 15+25.19
32.92' RT.
℄ ROUTE 66
1-4' X 4' MOD. TYPE D
COMBO INLET
1-4' X 2' CURVED VANE
GRATE AND FRAME
TOP OF INLET EL. = 1038.83'
D=5.90'
3-18" OPENINGS
CL. 3 EXC. = 10 CY

MANHOLE 724MH1
STA. 15+25.32
41.73' RT.
℄ ROUTE 66
1- PRECAST 6' MANHOLE
1- TYPE 1B MANHOLE FRAME & COVER
TOP OF INLET EL. = 1039.94'
D=7.71'
1-18" OPENING
1-36" OPENING
1-42" OPENING
CL. 3 EXC. = 21 CY

EL 1038.82'
EXIST. GROUND
PROP. GROUND
EL 1038.83'
EL 1039.94'
EL 1033.18'
EL 1033.67'
EL 1033.43
18" GROUP A
PIPE
EL 1032.93'
EL 1033.92
18" GROUP A
PIPE
EL 1032.85'
EL 1032.95
36" GROUP A
PIPE
EL 1032.45
42" GROUP A
PIPE

15"X58' GROUP A PIPE (15")
+0.84%
CL. 3 EXC. = 27 CY

18"X5' GROUP A PIPE (18")
+1.51%
CL. 3 EXC. = 3 CY

INLET 716MH1
STA. 17+43.82
39.33' RT.
℄ ROUTE 66
1- PRECAST 6' MANHOLE
1- TYPE 1B MANHOLE FRAME & COVER
TOP OF INLET EL. = 1041.64'
D=7.36'
1-18" OPENING
2-36" OPENINGS
CL. 3 EXC. = 21 CY

INLET 724MH1
STA. 15+25.32
41.73' RT.
℄ ROUTE 66
1- PRECAST X' MANHOLE
1- TYPE 1B MANHOLE FRAME & COVER
TOP OF INLET EL. = 1039.94'
D=7.71'
1-18" OPENING
1-36" OPENING
1-42" OPENING
CL. 3 EXC. = 21 CY

EL 1041.64'
EXIST. GROUND
PROP. GROUND
EL 1039.94'
EL 1035.14'
EL 1035.94
18" GROUP A
PIPE
EL 1035.64'
EL 1032.95'
EL 1032.37'
EL 1032.45'
EL 1032.85
18" GROUP A
PIPE

36"X213' GROUP A PIPE (36")
+1.03%
CL. 3 EXC. = 269 CY

42"X5' GROUP A PIPE (42")
+1.56%
CL. 3 EXC. = 8 CY
PIPE COLLAR
CONNECT TO
EXIST.

MATCHLINE
TO 708MH1
SEE CULVERT SHEET 21

0+00 0+20 0+40 0+60 0+80 2+60 2+80 3+00 3+20 3+40 3+60 3+80 4+00 4+20 4+40 4+60 4+80 5+00 5+20

CULVERT SHEET
SHEET 20 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	165

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
.

PROJECT NO.
.

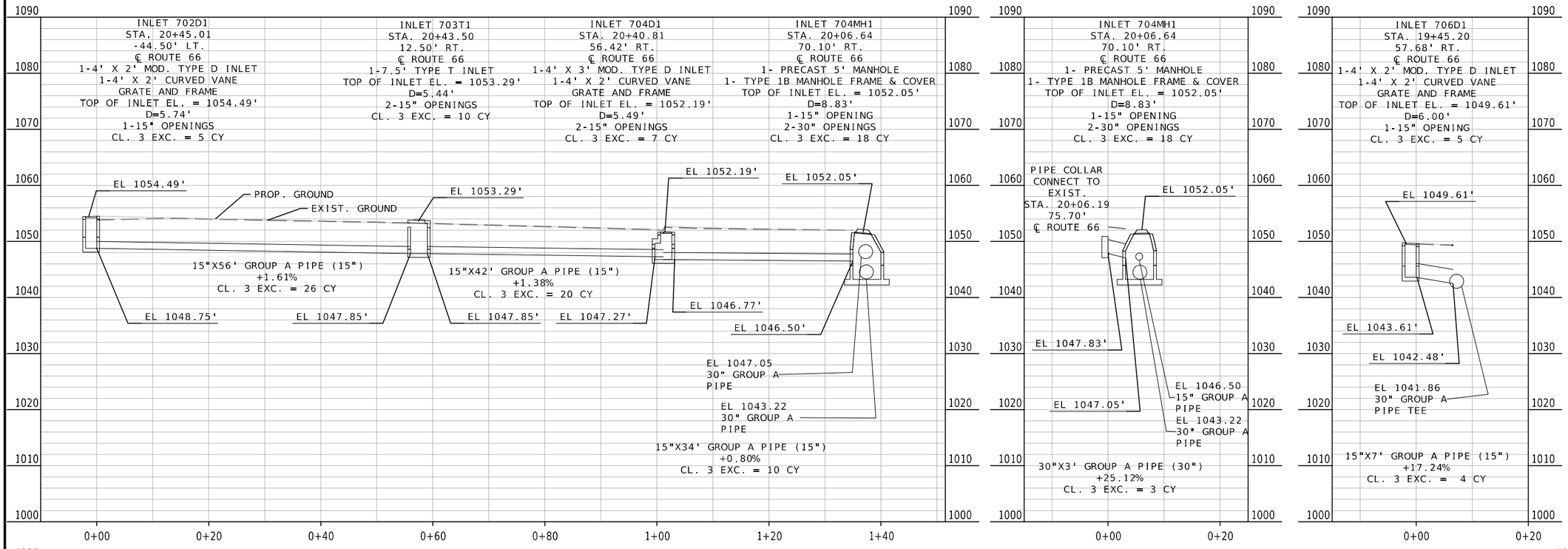
BRIDGE NO.
.

DESCRIPTION	DATE
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



CULVERT SHEET
SHEET 21 OF 21

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/4/2025

ROUTE	STATE
66	MO
DISTRICT	SHEET NO.
SW	166

COUNTY
JASPER

JOB NO.
J7S2185E,G

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
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WWW.BARTLETTWEST.COM

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY JASPER COUNTY

DESIGN DESIGNATION

A.A.D.T. - 2023 = 2978

T = 7%

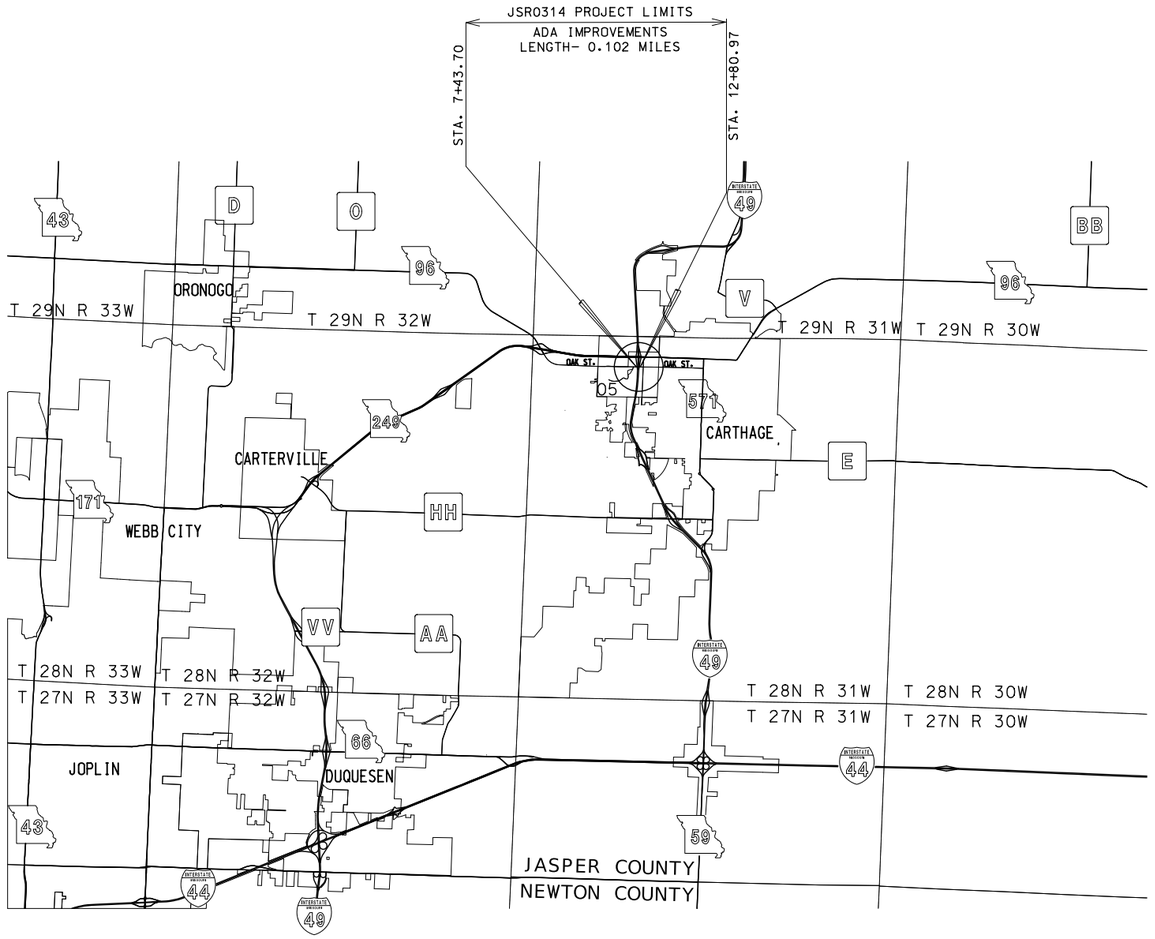
V = 30 M.P.H.

FUNCTIONAL CLASSIFICATION-MAJOR COLLECTOR

NO NEW R/W REQUIRED



KEY MAP
LOCATION OF
JASPER COUNTY



CONVENTIONAL SYMBOLS

(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	~~FO~~
OVERHEAD CABLE TV	-OTV-	~~OTV~~
UNDERGROUND CABLE TV	-UTV-	~~UTV~~
OVERHEAD TELEPHONE	-OT-	~~OT~~
UNDERGROUND TELEPHONE	-UT-	~~UT~~
OVERHEAD POWER	-OE-	~~OE~~
UNDERGROUND POWER	-UE-	~~UE~~
SANITARY SEWER	-S-	~~S~~
STORM SEWER	-SS-	~~SS~~
GAS	-G-	~~G~~
WATER	-W-	~~W~~
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	DI	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	-V-	
WOVEN WIRE	-X-	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

NOT TO SCALE

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEETS)	2
QUANTITIES (QU) (2 SHEETS)	3
SPECIAL SHEETS (SS)	4-5
TRAFFIC CONTROL SHEETS (TC)	6-8a
EROSION CONTROL SHEETS (EC)	9
SIGNING (SN)	10-11
PAVEMENT MARKING (PM)	12-13
BRIDGE DRAWINGS (B)	
A3561	1 -10

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 7+43.70	
END OF PROJECT	STA. 12+80.97	
APPARENT LENGTH	537.27	FEET
EQUATIONS AND EXCEPTIONS:	NONE	
TOTAL CORRECTIONS	0.00	FEET
NET LENGTH OF PROJECT	537.27	FEET
STATE LENGTH	0.102	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.01	ACRES

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/09/2025 9:18:54 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/9/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	1

COUNTY: JASPER

JOB NO.: JSR0314

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

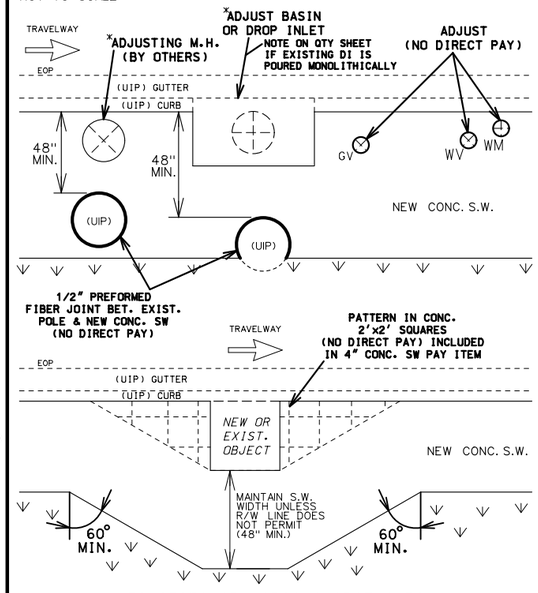
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

1. CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 609.00.
2. TINTED CONCRETE SHALL NOT BE USED. TRUNCATED DOMES SHALL BE OF A COLOR CONTRASTING WITH UNTINTED CONCRETE AND APPROVED BY THE ENGINEER. TRUNCATED DOMES ARE REQ'D. AT STREET INTERSECTIONS AND COMMERCIAL ENTRANCES WITH TRAFFIC CONTROL ONLY. (STOP/YIELD SIGNS OR SIGNALS)
3. CONCRETE SHALL BE IN ACCORDANCE WITH SEC. 608 & SEC. 609. CURING COMPOUND SHALL BE TRANSPARENT.
4. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE 4" THICK, WITH THE EXCEPTION OF THE BOTTOM TRANSITION WHICH TIES INTO THE EXISTING PAVED APPROACH AND ROADWAY. THIS TRANSITION, OR LANDING AREA, MUST BE 8" THICK IF IT FALLS WITHIN THE RADIUS OF THE APPROACH AND SITS AT THE BACK OF CURB OF THE ROADWAY. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE ON 4" TYPE 1 AGGREGATE BASE.
5. AGGREGATE BASE DENSITY - CONTRACTOR SHALL EXERCISE GOOD COMPACTIVE EFFORT AS APPROVED BY THE ENGINEER. DENSITY REQUIREMENTS BY NUCLEAR METHOD WILL NOT BE REQUIRED DUE TO WORK AREA CONSTRAINTS.
6. CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (16' MAX.)
   RUNNING SLOPE = >5% (MIN.) TO 8.33% (MAX.) UNIFORMLY DOWN THE LENGTH OF THE RAMP.

   CONCRETE LANDING - WIDTH = TO MATCH PROPOSED CURB RAMP AND SIDEWALK WIDTH LENGTH = 5' MIN.
   SLOPE IN ALL DIRECTIONS = 1% PREFERRED (2% MAX.) UNLESS TIED TO ROADWAY EXCEPTION.
7. ALL EXISTING UTILITIES SHALL BE USED IN PLACE UNLESS OTHERWISE NOTED. ALL MANHOLE OR VALVE COVER, ETC. ELEVATIONS SHALL BE ADJUSTED AS REQUIRED IF THEY ARE LOCATED WITHIN THE IMPROVEMENT AREA.
8. "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1057 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
9. REINFORCING STEEL TIE BARS SHALL BE IN ACCORDANCE WITH SECTION 706. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND USED AS APPROVED BY THE ENGINEER. WHERE TIE BARS ARE USED, THE CONCRETE SHALL BE 8" THICK (NO DIRECT PAY).
10. CONSTRUCTION AND LENGTH OF EACH CURB RAMP INCLUDING LANDINGS AND TRANSITION AREAS SHALL BE AS SHOWN ON THE PLANS UNLESS DIFFERING FIELD CONDITIONS ARE FOUND OR AS APPROVED BY THE ENGINEER. CURB RAMP CROSS SLOPES SHALL BE 1% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMPS ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
11. SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMPS OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
12. S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
13. SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MIN.
14. IF THERE IS NO EXISTING CURB & GUTTER, OFFSET THE EOP 2.5' BEFORE CONSTRUCTING ANY CURBING, RAMP OR SIDEWALK.

NOT TO SCALE

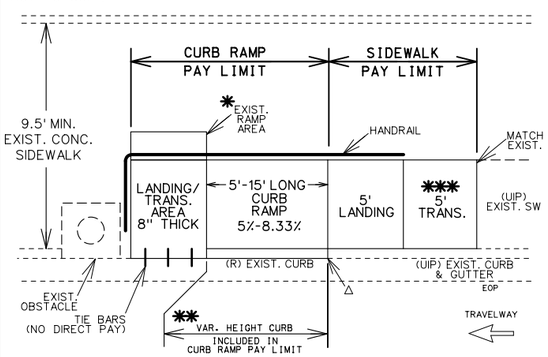


UTILITIES OR VARIOUS OBSTACLES

NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AREAS AND SIDEWALK WITH A MINIMUM OF 4' CLEARANCE AROUND THE POLE

NOT TO SCALE

REVISED: 2025-06-24



△ MATCH EXIST CURB

* FILL IN WHERE EXIST. RAMP WAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

** VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS.

*** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

HANDRAIL 2' OFF E.O.P (SEE HANDRAIL STANDARDS)

CURB RAMP - IN EXISTING 9.5'+ WIDE SW

PAY LIMITS

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:30:49 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/8/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: JASPER

JOB NO.: JSR0314

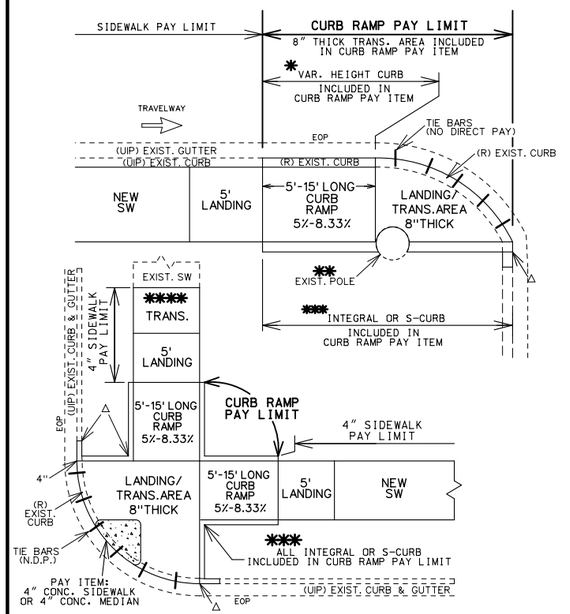
CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



△ MATCH EXIST CURB HEIGHT, OPTIONAL 1' TIE-IN TO EXIST CURB

* VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONST. MONOLITHIC OR SEP. DEPENDING ON CONST. OPERATIONS.

** NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AND TRANSITION AREAS.

*** TYPE OF CURB WILL DEPEND ON FIELD CONDITIONS.

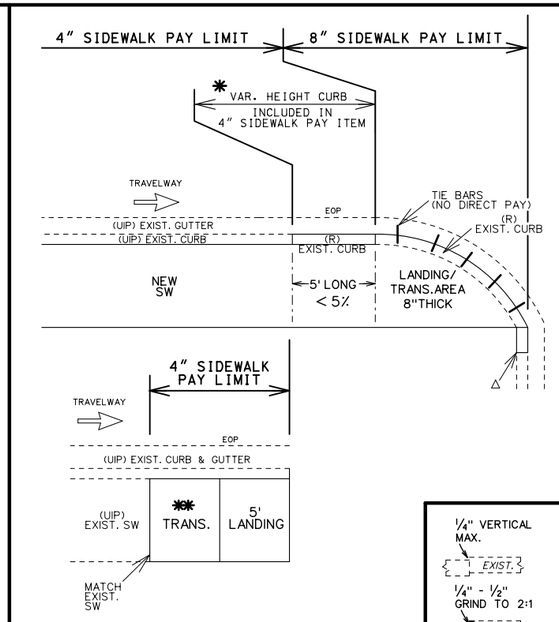
**** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

CURB RAMP

PAY LIMITS

WHEN RAMP AREA IS LONGER THAN 5'AND BETW. 5%-8.33% GRADE, IT IS CONSIDERED A CURB RAMP

NOT TO SCALE



△ MATCH EXIST CURB HEIGHT (1' TAPER FROM SIDEWALK UP TO EXIST CURB HEIGHT)

* VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS. DOWEL TO EXIST. GUTTER/PAVEMENT (NO DIRECT PAY).

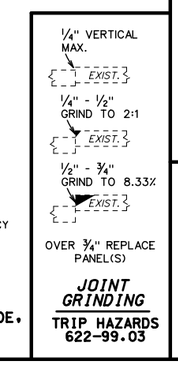
** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

SIDEWALK

PAY LIMITS

WHEN RAMP AREA IS LESS THAN 5% GRADE, IT IS CONSIDERED SIDEWALK

NOT TO SCALE

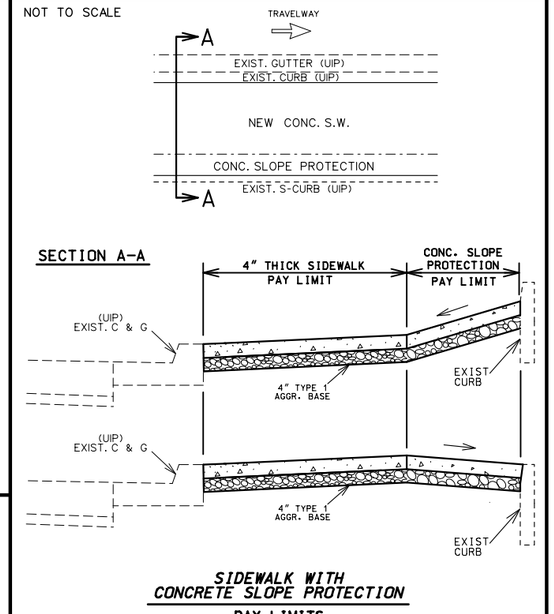


OVER 3/4" REPLACE PANEL(S)

JOINT GRINDING

TRIP HAZARDS 622-99.03

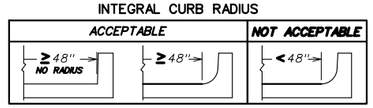
NOT TO SCALE



SIDEWALK WITH CONCRETE SLOPE PROTECTION

PAY LIMITS

INTEGRAL CURB RADIUS



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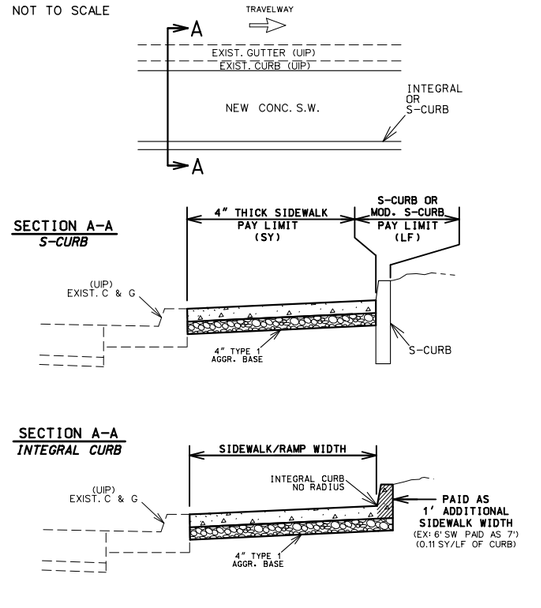


SECTION A-A
INTEGRAL CURB WITH RADIUS

ADA LIBRARY TYPICAL

SIDEWALK & RAMP WITH CURB

PAY LIMITS

TYPICAL SHEET
SHEET 1 OF 8

REVISED: 2025-05-30

TYPE 1-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	22.0	24.0	–	22.0	24.0	–	22.0	24.0	
CURB RAMP SY	–	10.9	13.1	–	13.6	16.3	–	16.2	19.3	
CONC. SIDEWALK SY	–	5.6	6.3	–	5.6	6.4	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	16.5	19.4	–	19.2	22.7	–	21.1	25.0	
ADA LINEAR GRADING LF	–	28.0	28.0	–	34.5	34.5	–	38.0	38.0	
SODDING SY	–	7.4	7.8	–	8.4	8.7	–	9.1	9.5	

TYPE 1-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	10.0	12.0	–	10.0	12.0	–	10.0	12.0	
CURB RAMP SY	–	8.8	10.3	–	11.5	13.4	–	14.1	16.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	5.6	6.4	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	14.4	16.7	–	17.1	19.8	–	19.0	22.1	
ADA LINEAR GRADING LF	–	22.0	22.0	–	26.5	26.5	–	30.0	30.0	
SODDING SY	–	11.5	11.7	–	13.5	13.5	–	15.0	15.2	

TYPE 1-C

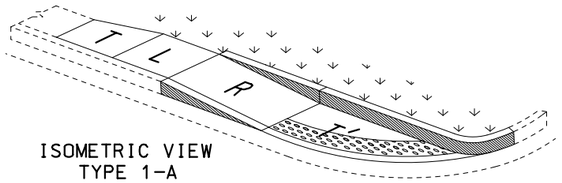
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	18.6	22.8	–	24.0	29.0	–	29.3	35.3	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	29.8	35.6	–	35.2	41.8	–	39.1	46.7	
ADA LINEAR GRADING LF	–	42.0	50.0	–	57.0	61.0	–	67.0	72.0	
SODDING SY	–	11.0	11.3	–	13.0	13.3	–	14.5	14.9	

TYPE 1-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	14.8	19.0	–	20.1	25.2	–	25.5	31.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	26.0	31.8	–	31.3	38.0	–	35.3	42.8	
ADA LINEAR GRADING LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING SY	–	13.3	13.6	–	16.0	16.9	–	18.6	19.3	

TYPE 1-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	14.0	16.0	–	14.0	16.0	–	14.0	16.0	
CURB RAMP SY	–	15.5	19.0	–	20.8	25.2	–	26.2	31.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	26.7	31.8	–	32.0	38.0	–	36.0	42.8	
ADA LINEAR GRADING LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING SY	–	18.4	18.8	–	22.4	22.8	–	25.6	25.9	



ISOMETRIC VIEW
TYPE 1-A

T'- IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED AT PAVED APPROACH IF CONDITIONS ALLOW)

* - T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L - LANDING

R - RAMP

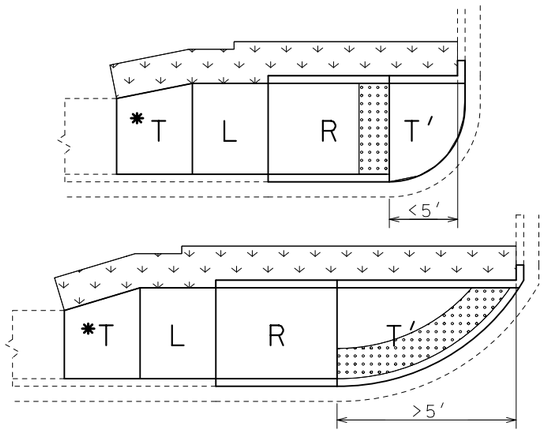
- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

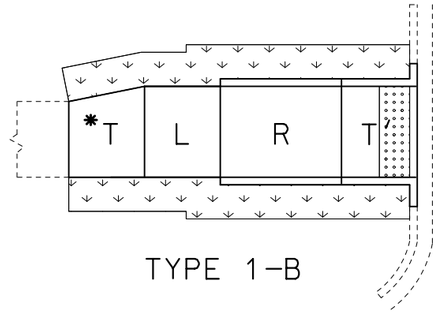
- TRUNCATED DOME LOCATION IF DIST. IS <5' OR >5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

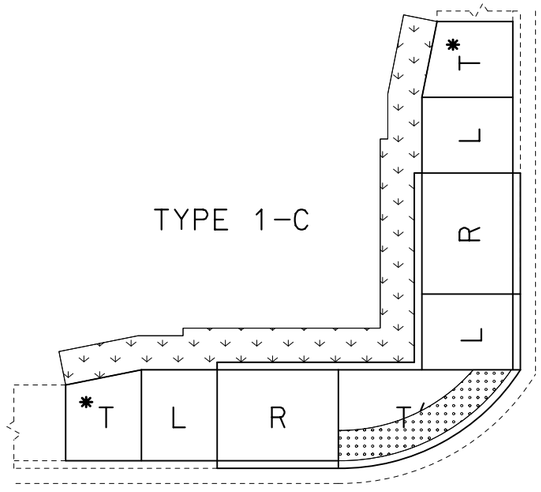
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



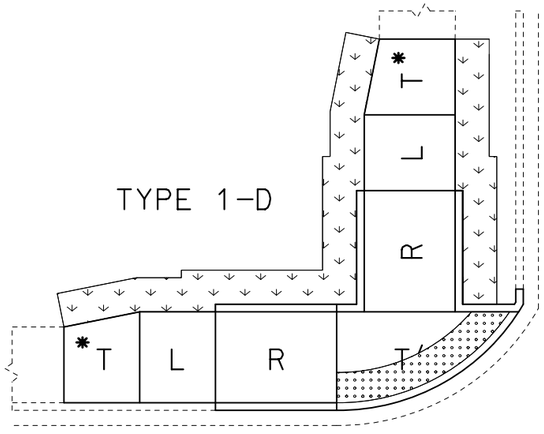
TYPE 1-A



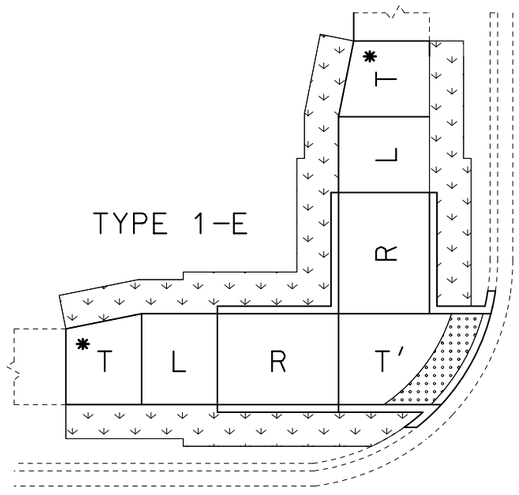
TYPE 1-B



TYPE 1-C



TYPE 1-D



TYPE 1-E

ADA LIBRARY TYPICAL

TYPE 1

PERPENDICULAR CURB RAMPS

TYPICAL SHEET 2 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:31:29 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/8/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
JSR0314

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 2025-05-30

PARALLEL - TYPE 2

TYPE 2-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	9.1	10.6	-	11.8	13.7	-	14.4	16.8	
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	
TYPE 1 AGGREGATE SY	-	14.7	17.0	-	16.7	19.4	-	19.3	22.5	
ADA LINEAR GRADING LF	-	26.0	26.0	-	29.0	29.0	-	33.0	33.0	
SODDING SY	-	8.0	8.3	-	8.6	8.8	-	9.6	9.8	

TYPE 2-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	11.8	13.3	-	14.5	16.4	-	17.2	19.5	
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	
TYPE 1 AGGREGATE SY	-	17.4	19.7	-	19.4	22.1	-	22.1	25.2	
ADA LINEAR GRADING LF	-	26.0	26.0	-	29.0	29.0	-	33.0	33.0	
SODDING SY	-	13.8	14.1	-	15.1	15.5	-	17.1	17.5	

TYPE 2-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	16.4	18.7	-	21.7	24.9	-	27.0	31.2	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	27.6	31.5	-	31.5	36.3	-	36.8	42.6	
ADA LINEAR GRADING LF	-	41.0	41.0	-	47.0	47.0	-	55.0	55.0	
SODDING SY	-	12.3	12.5	-	13.6	13.9	-	15.6	15.9	

TYPE 2-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	16.8	19.2	-	22.2	25.4	-	27.5	31.6	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	28.0	32.0	-	32.0	36.8	-	37.3	43.0	
ADA LINEAR GRADING LF	-	41.0	41.0	-	47.0	47.0	-	55.0	55.0	
SODDING SY	-	20.2	20.3	-	22.4	23.2	-	26.4	27.2	

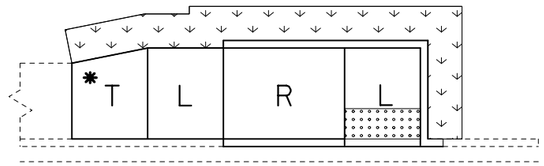
TYPE 2-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	10.8	11.5	-	13.2	14.4	-	15.7	17.3	
CONC. SIDEWALK SY	-	5.6	6.7	-	5.0	6.0	-	5.0	6.0	
TYPE 1 AGGREGATE SY	-	16.4	18.2	-	18.2	20.4	-	20.7	23.3	
ADA LINEAR GRADING LF	-	22.5	22.5	-	26.5	26.5	-	30.5	30.5	
SODDING SY	-	-	-	-	-	-	-	-	-	
HANDRAIL LF	-	-	-	-	-	-	-	-	-	SEE STANDARDS FOR LENGTH

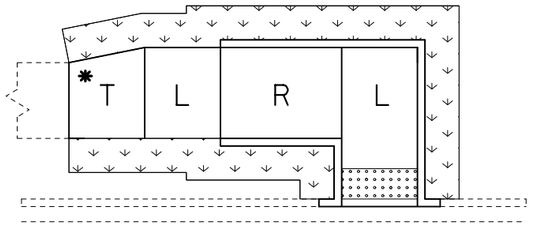
TYPE 2-F

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	15.5	17.1	-	20.4	23.1	-	25.5	28.9	
CONC. SIDEWALK SY	-	11.2	13.4	-	10.0	12.0	-	10.0	12.0	
TYPE 1 AGGREGATE SY	-	26.7	30.5	-	30.4	35.1	-	35.5	40.9	
ADA LINEAR GRADING LF	-	39.0	39.0	-	47.0	47.0	-	55.0	55.0	
SODDING SY	-	-	-	-	-	-	-	-	-	
HANDRAIL LF	-	-	-	-	-	-	-	-	-	SEE STANDARDS FOR LENGTH

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



TYPE 2-A



TYPE 2-B

** 3.5' LANDING EXTENSION REQ'D. FOR INSTALLATION OF FUTURE OR NEW PED.PUSH BUTTON

NOTE: SEE STANDARDS FOR ALL PED. PUSH BUTTON LOCATIONS

- TRUNCATED DOME

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

T - TRANSITION TO EXISTING SW

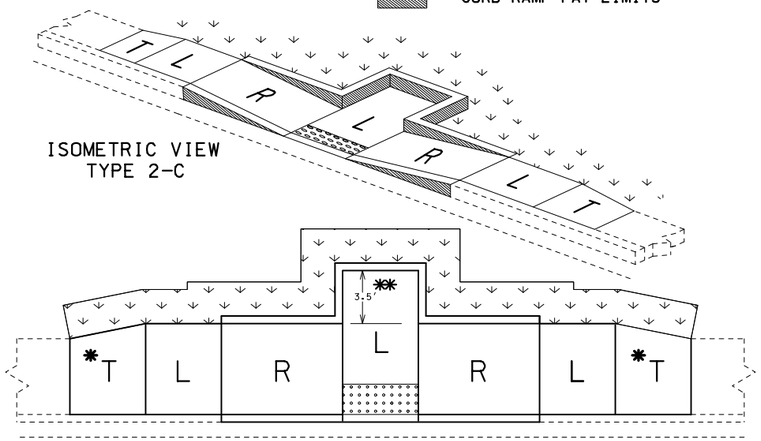
* - T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L - LANDING

R - RAMP

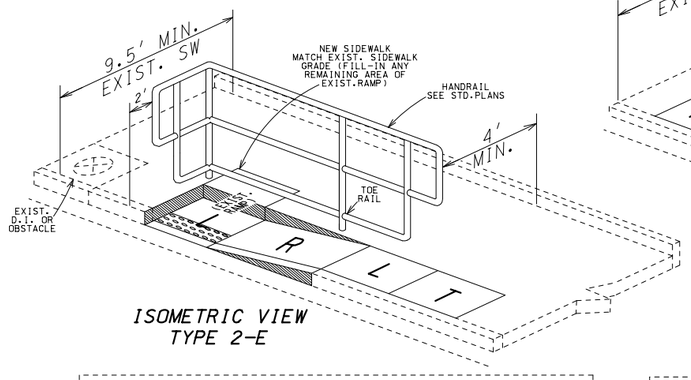
- SOD SLOPE 6:1 MIN.

- CURB RAMP PAY LIMITS

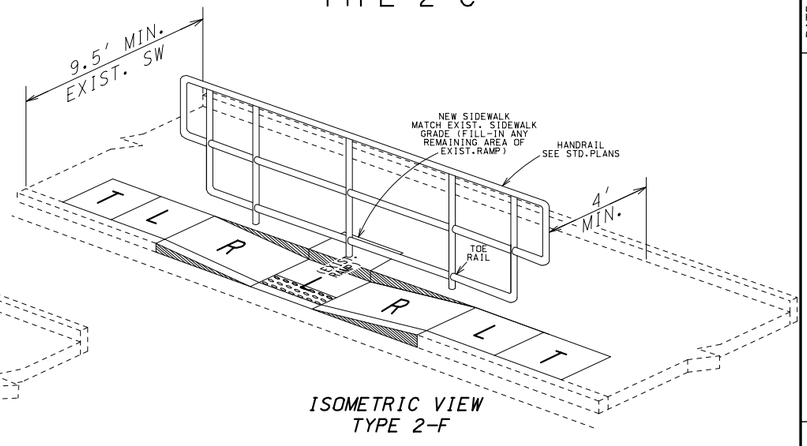


ISOMETRIC VIEW
TYPE 2-C

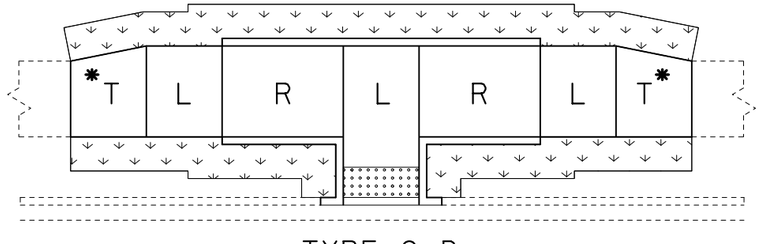
TYPE 2-C



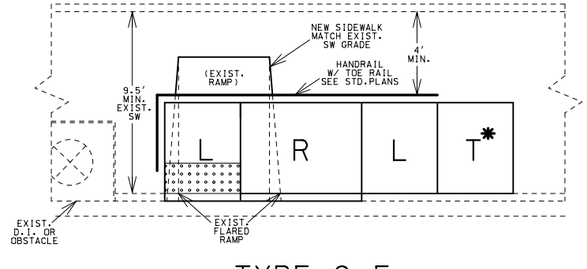
ISOMETRIC VIEW
TYPE 2-E



ISOMETRIC VIEW
TYPE 2-F



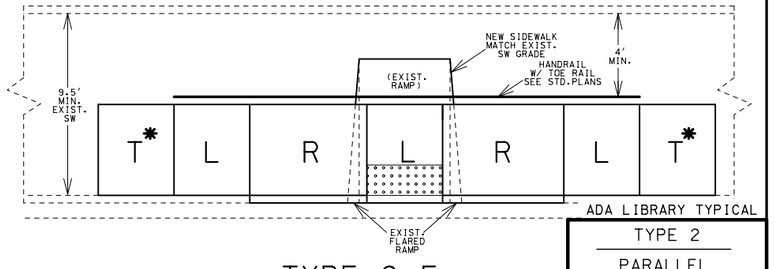
TYPE 2-D



TYPE 2-E

USE ONLY WHEN TYPE 2-F IS UNABLE TO BE CONSTRUCTED DUE TO AN EXIST. D.I. OR OTHER OBSTACLE

SEE STANDARDS FOR HANDRAIL SPECS



TYPE 2-F

SEE STANDARDS FOR HANDRAIL SPECS

TYPE 2

PARALLEL CURB RAMPS

TYPICAL SHEET 3 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:31:34 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/8/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
JSR0314

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 2025-05-30

PARALLEL – TYPE 2 (cont'd.)

TYPE 2-G

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	20.8	23.7	–	25.8	30.2	
CONC. SIDEWALK SY	–	21.4	25.0	–	17.6	20.3	–	15.2	17.5	
TYPE 1 AGGREGATE SY	–	37.1	43.0	–	38.4	44.0	–	41.0	47.7	
ADA LINEAR GRADING LF	–	52.0	52.0	–	54.0	54.0	–	58.0	58.0	
SODDING SY	–	13.6	13.6	–	13.7	13.5	–	14.5	14.9	

TYPE 2-H

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	21.0	24.5	–	26.9	31.4	
CONC. SIDEWALK SY	–	13.2	16.0	–	12.0	14.2	–	12.0	14.4	
TYPE 1 AGGREGATE SY	–	28.9	34.0	–	33.0	38.6	–	38.9	45.8	
ADA LINEAR GRADING LF	–	42.0	42.0	–	49.0	49.0	–	55.0	55.0	
SODDING SY	–	11.1	11.2	–	12.5	12.5	–	14.5	14.9	

T* – IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

T – TRANSITION TO EXISTING SW

L – LANDING

R – RAMP

– SOD SLOPE 6:1 MIN.

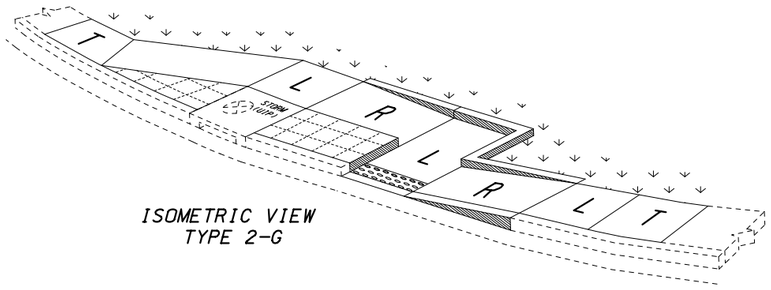
– TRUNCATED DOME LOCATION, IF DIST. IS <5' OR > 5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

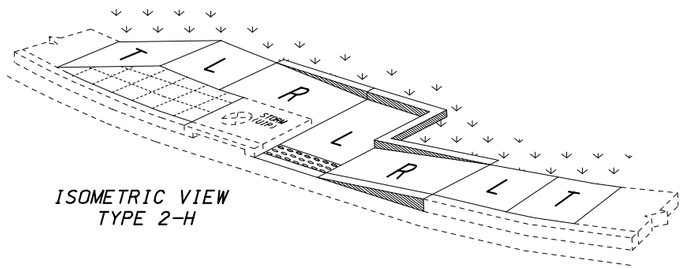
– CURB RAMP PAY LIMITS

– INCLUDED IN 4" CONC. SIDEWALK PAY LIMIT

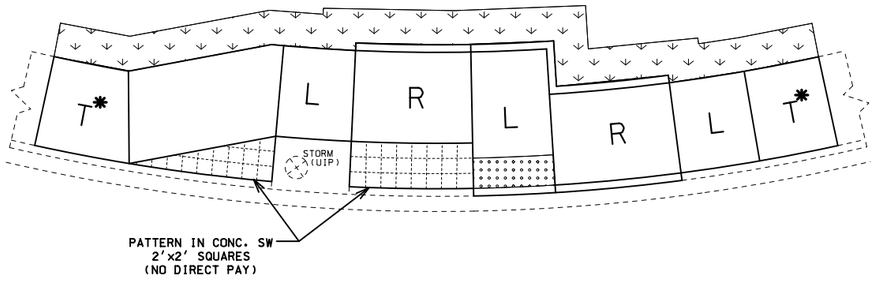
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



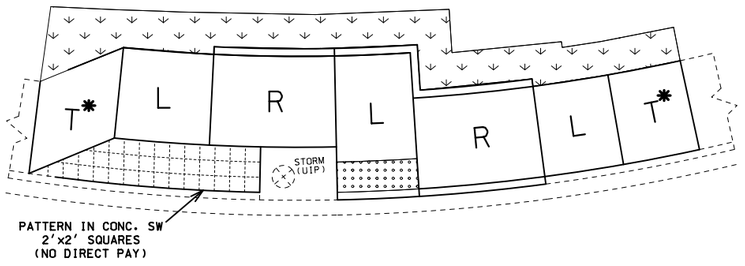
ISOMETRIC VIEW
TYPE 2-G



ISOMETRIC VIEW
TYPE 2-H



TYPE 2-G



TYPE 2-H

ADA LIBRARY TYPICAL

TYPE 2

PARALLEL
CURB RAMPS

TYPICAL SHEET
4 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:31:42 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/8/2025

ROUTE OAK | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY JASPER
JOB NO. JSR0314
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 2025-06-09

DIAGONAL – TYPE 3

TYPE 3-A

LENGTH (LF) / WIDTH (LF)	8			12			16			REMARKS
	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	20.6	25.0	–	20.6	25.0	
CURB RAMP SY	–	24.4	27.0	–	26.9	31.2	–	32.2	37.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	35.6	39.8	–	36.7	42.6	–	42.0	48.8	
ADA LINEAR GRADING LF	–	51.0	51.0	–	59.0	59.0	–	67.0	67.0	
SODDING SY	–	11.6	11.4	–	12.9	12.9	–	14.9	14.9	
4"SW OR MED STRIP SY	–	3.0	2.2	–	3.0	2.2	–	3.0	2.2	

TYPE 3-B

LENGTH (LF) / WIDTH (LF)	8			12			16			REMARKS
	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	20.6	25.0	–	20.6	25.0	
CURB RAMP SY	–	22.0	26.3	–	25.9	31.2	–	31.2	37.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	33.2	39.1	–	35.7	42.6	–	41.0	48.8	
ADA LINEAR GRADING LF	–	51.0	51.0	–	59.0	59.0	–	67.0	67.0	
SODDING SY	–	15.2	15.3	–	17.1	17.5	–	20.1	20.5	
4"SW OR MED STRIP SY	–	1.5	1.5	–	1.5	1.5	–	1.5	1.5	

TYPE 3-C

LENGTH (LF) / WIDTH (LF)	8			12			16			REMARKS
	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP SY	–	20.7	26.8	–	25.1	31.5	–	30.4	37.7	
CONC. SIDEWALK SY	–	11.2	12.8	–	9.8	11.4	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	31.9	39.6	–	34.9	42.9	–	40.2	49.1	
ADA LINEAR GRADING LF	–	51.0	51.0	–	58.0	58.0	–	67.0	67.0	
SODDING SY	–	18.8	19.3	–	21.3	22.1	–	25.3	26.1	
4"SW OR MED STRIP SY	–	1.0	1.6	–	1.0	1.6	–	1.0	1.6	

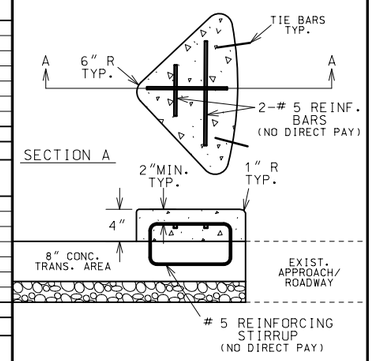
TYPE 3-D

LENGTH (LF) / WIDTH (LF)	8			12			16			REMARKS
	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	24.0	28.0	–	22.4	26.5	–	22.4	26.5	
CURB RAMP SY	–	15.9	19.1	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK SY	–	5.6	6.4	–	4.9	5.7	–	4.9	5.7	
TYPE 1 AGGREGATE SY	–	21.5	25.5	–	22.6	27.1	–	25.3	30.2	
ADA LINEAR GRADING LF	–	31.0	31.0	–	34.0	34.0	–	38.0	38.0	
SODDING SY	–	12.6	12.9	–	13.5	14.0	–	15.5	16.0	
4"SW OR MED STRIP SY	–	1.0	0.8	–	1.0	0.8	–	1.0	0.8	

TYPE 3-E

LENGTH (LF) / WIDTH (LF)	8			12			16			REMARKS
	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP SY	–	17.2	19.8	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK SY	–	8.4	10.7	–	7.3	9.4	–	7.3	9.4	
TYPE 1 AGGREGATE SY	–	25.6	30.5	–	25.0	30.8	–	27.7	33.9	
ADA LINEAR GRADING LF	–	30.0	30.0	–	35.5	35.5	–	39.5	39.5	
SODDING SY	–	12.4	12.4	–	12.9	13.3	–	14.9	15.3	
4"SW OR MED STRIP SY	–	1.6	1.6	–	1.6	1.6	–	1.6	1.6	

– DETAIL – 4" SIDEWALK OR 4" MEDIAN STRIP



T′ – IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

TYPE 3-A

T – TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED IF CONDITIONS ALLOW)

T* – IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE WITH THE NEW LANDING XSLOPE)

L – LANDING

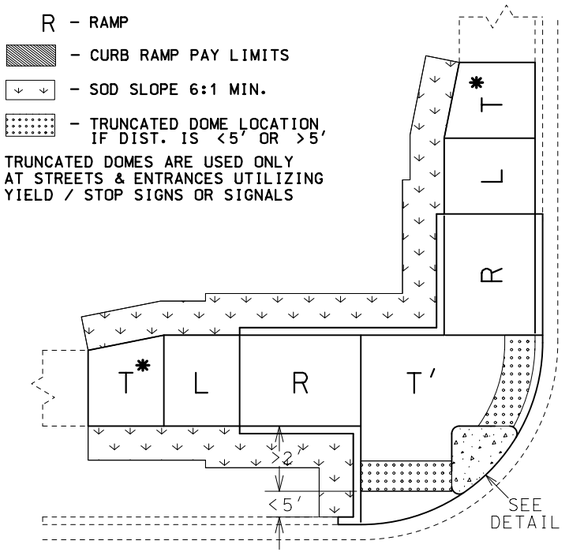
R – RAMP

– CURB RAMP PAY LIMITS

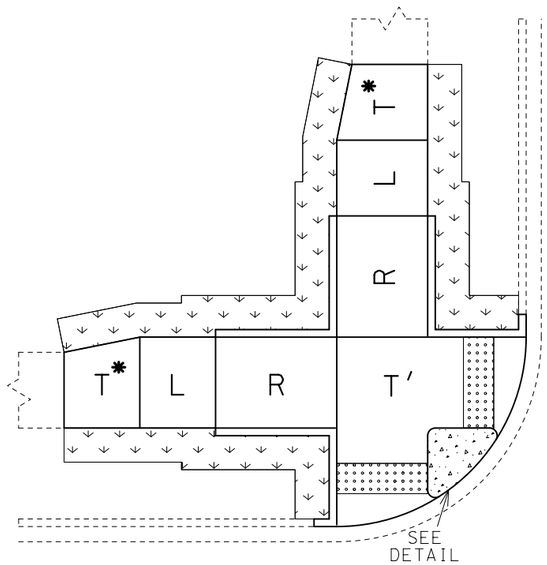
– SOD SLOPE 6:1 MIN.

– TRUNCATED DOME LOCATION, IF DIST. IS <5′ OR >5′

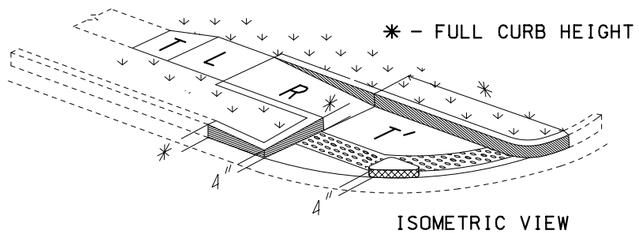
TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS



TYPE 3-B

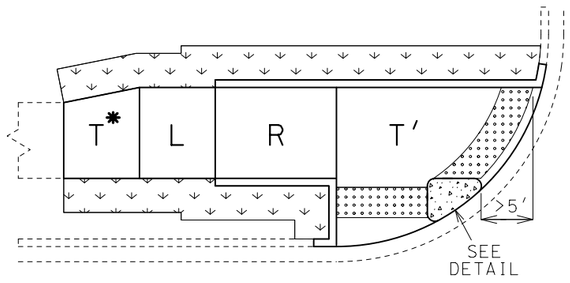


TYPE 3-C

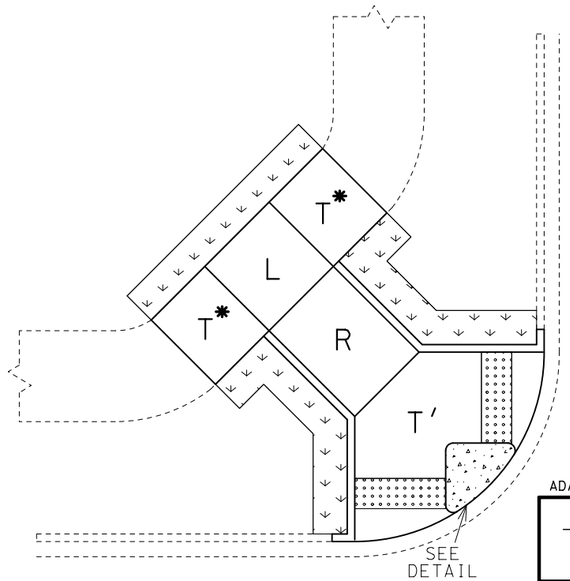


* – FULL CURB HEIGHT

ISOMETRIC VIEW
TYPE 3-D



TYPE 3-D



TYPE 3-E

ADA LIBRARY TYPICAL

TYPE 3
DIAGONAL CURB RAMPS

TYPICAL SHEET 5 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:31:56 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/8/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
JSR0314

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

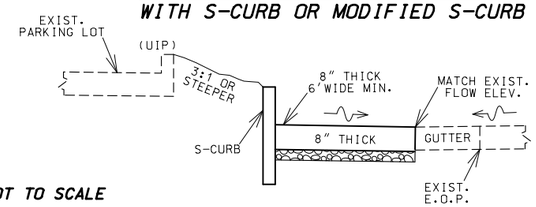
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 2022-05-16

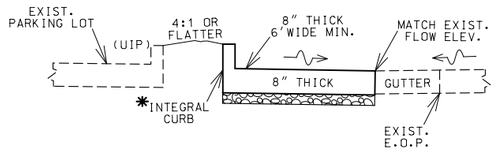
NOTES FOR MODIFIED SIDEWALK:

1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 8" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ADJACENT TO MODIFIED SIDEWALK.
5. MODIFIED SIDEWALK PAID FOR AS 8" SIDEWALK.
6. 6' MINIMUM WIDTH.
7. NO DIRECT PAY FOR SAW CUTS AND TIE BARS (ON 12" CENTERS MAX.)
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

SECTION A-A
WITH S-CURB OR MODIFIED S-CURB



SECTION A-A
WITH INTEGRAL CURB

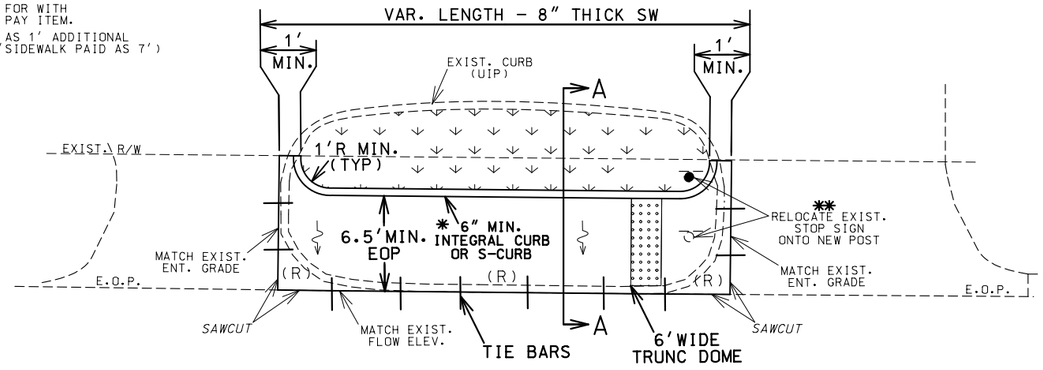


NOT TO SCALE

TYPICAL
MODIFIED SIDEWALK
8" THICK

** TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP/YIELD SIGNS OR SIGNALS.

* INTEGRAL CURB IS PAID FOR WITH THE 8" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

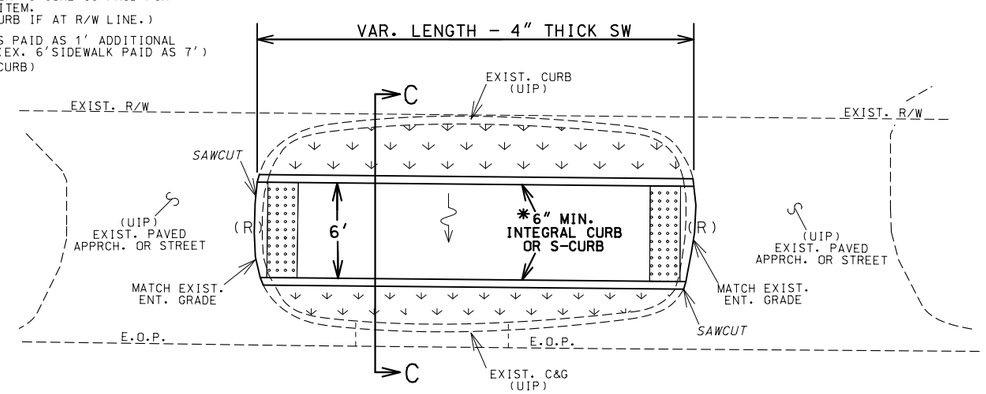


NOTES FOR CUT-THRU SIDEWALK:

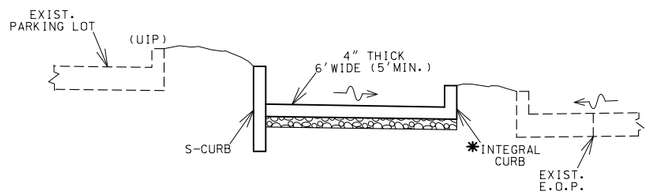
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ON BOTH SIDES ADJACENT TO SIDEWALK.
5. CUT-THRU SIDEWALK PAID FOR AS 4" SIDEWALK.
6. 6' PREFERRED WIDTH (5' MIN.)
7. SAW CUTS (NO DIRECT PAY).
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

TYPICAL
CUT-THRU SIDEWALK

* INTEGRAL CURB IS PAID FOR AS 4" CONC. SIDEWALK PAY ITEM. S-CURB IS PAID FOR AS ITS OWN PAY ITEM.
(ALWAYS USE S-CURB IF AT R/W LINE.)
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)



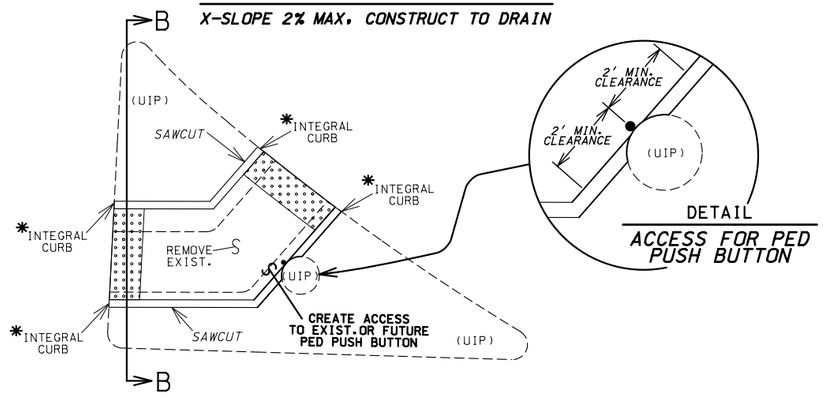
SECTION C-C
WITH S-CURB OR INTEGRAL



NOT TO SCALE

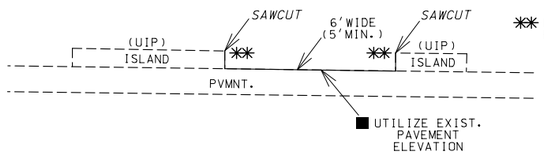
NOT TO SCALE

TYPICAL
ISLAND CUT-THRU SIDEWALK
X-SLOPE 2% MAX. CONSTRUCT TO DRAIN



DETAIL
ACCESS FOR PED PUSH BUTTON

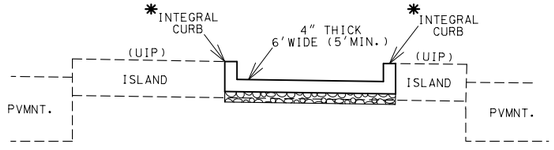
SECTION B-B
ISLAND CUT-THRU SIDEWALK
FOR EXISTING 'PINNED-ON' ISLAND



■ SMALL QTY. HAS BEEN INCLUDED FOR 8" THICK SIDEWALK TO ADDRESS ANY UNFORSEEN PVMNT. REPAIRS OR DIFFERENCES IN ELEVATION. (UNDERRUN IF FIELD CONDITIONS DO NOT WARRANT)

** NO INTEGRAL CURB, AGGR. OR LIN. GRADING REQUIRED IF THE ISLAND IS 'PINNED-ON'

SECTION B-B
ISLAND CUT-THRU SIDEWALK



* INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

ADA LIBRARY TYPICAL

MODIFIED SIDEWALK AND SIDEWALK CUT-THRUs

TYPICAL SHEET 6 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:32:04 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/8/2025
ROUTE: OAK | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: JASPER
JOB NO.: JSR0314
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

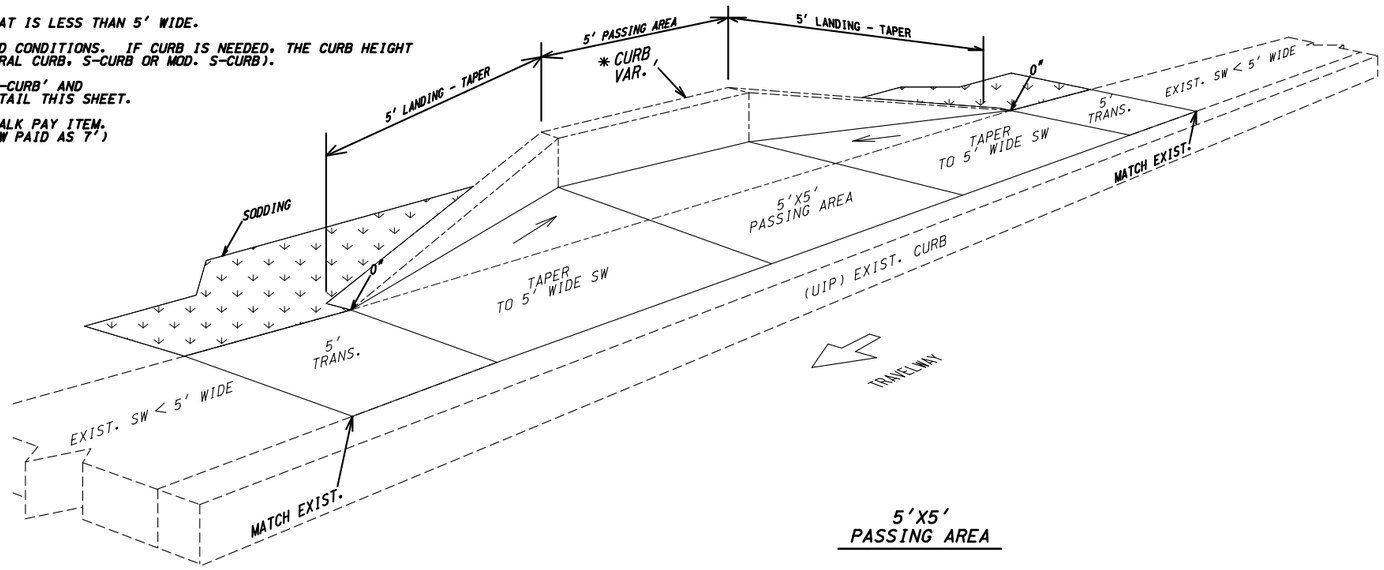
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 2024-01-18

NOTES:

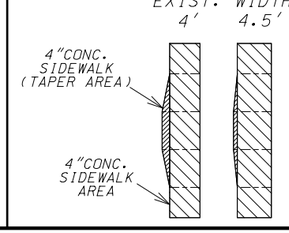
1. PASSING AREA REQUIRED EVERY 200' ON SIDEWALK THAT IS LESS THAN 5' WIDE.
2. * CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS NEEDED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
4. ** INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6' SW PAID AS 7') (0.11 SY/LF OF CURB)



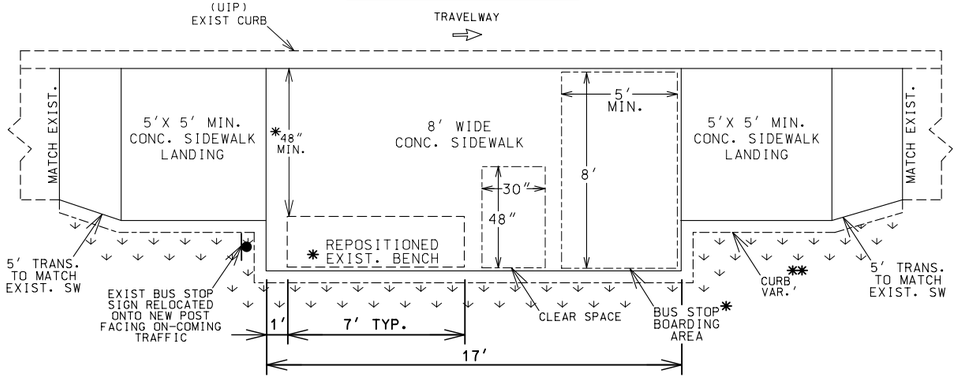
5'X5' PASSING AREA

NOT TO SCALE

QUANTITIES FOR PASSING AREAS				
EXISTING SW WIDTH			4'	4.5'
4" CONC. SIDEWALK (TAPER)		SY	1.3	0.7
TYPE 1 AGGREGATE		SY	1.3	0.7
4" CONC. SIDEWALK		SY	10.4	11.7
TYPE 1 AGGREGATE		SY	10.4	11.7
INTEGRAL CURB	**	SY	2.0	2.0
TYPE 1 AGGREGATE		SY	1.0	1.0
S-CURB		LF	17.2	16.0
MODIFIFED S-CURB		LF	17.2	16.0
SODDING		SY	53.0	53.0
LINEAR GRADING		LF	25.0	25.0



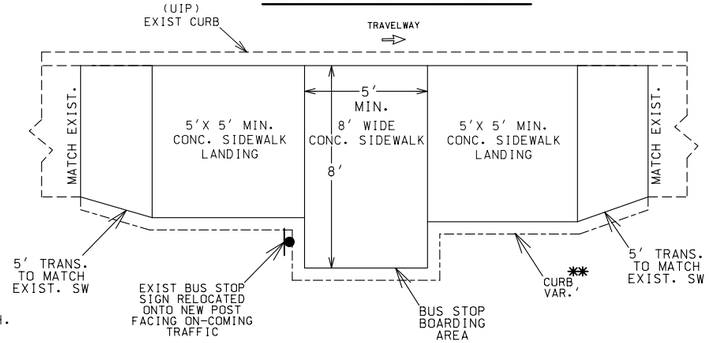
BUS STOP WITH BENCH

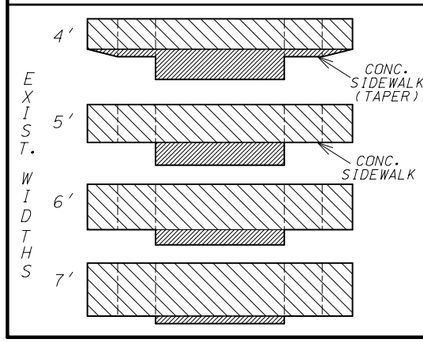


NOTES:

* 1. THE REPOSITIONED BENCH SHALL NOT BE PLACED ON THE 5'X8' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH AT THE BACK EDGE OF THE CONC. PAD TO PROVIDE MAX.CLEARANCE.
** 2. CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS NEEDED DUE TO CUT, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
*** 4. INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. INTEGRAL CURB PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6'SW PAID AS 7') (0.11 SY/LF OF CURB)

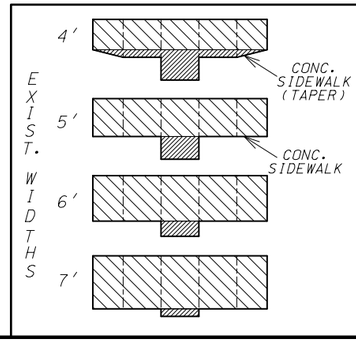
BUS STOP WITHOUT BENCH





QUANTITIES FOR BUS STOPS WITH BENCH					
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	9.3	5.8	3.9	1.9
TYPE 1 AGGREGATE	SY	9.3	5.8	3.9	1.9
4" CONC. SIDEWALK	SY	16.5	20.4	24.3	28.2
TYPE 1 AGGREGATE	SY	16.5	20.4	24.3	28.2
INTEGRAL CURB ***	SY	5.4	3.4	3.2	2.9
TYPE 1 AGGREGATE	SY	2.7	1.7	1.6	1.5
S-CURB	LF	43.5	27.0	25.0	23.0
MODIFIFED S-CURB	LF	43.5	27.0	25.0	23.0
SODDING	SY	10.6	10.4	9.8	9.4
LINEAR GRADING	LF	37.0	37.0	37.0	37.0

NOT TO SCALE



QUANTITIES FOR BUS STOPS – NO BENCH					
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	3.9	1.8	1.3	0.7
TYPE 1 AGGREGATE	SY	3.9	1.8	1.3	0.7
4" CONC. SIDEWALK	SY	10.4	12.9	15.5	18.0
TYPE 1 AGGREGATE	SY	10.4	12.9	15.5	18.0
INTEGRAL CURB ***	SY	3.8	2.0	1.8	1.6
TYPE 1 AGGREGATE	SY	1.9	1.0	0.9	0.8
S-CURB	LF	31.0	15.0	13.0	11.0
MODIFIFED S-CURB	LF	31.0	15.0	13.0	11.0
SODDING	SY	7.6	7.4	6.8	6.4
LINEAR GRADING	LF	25.0	25.0	25.0	25.0

ADA LIBRARY TYPICAL

PASSING AREAS AND BUS STOPS

TYPICAL SHEET 7 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:32:12 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/8/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: JASPER
JOB NO.: JSR0314
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

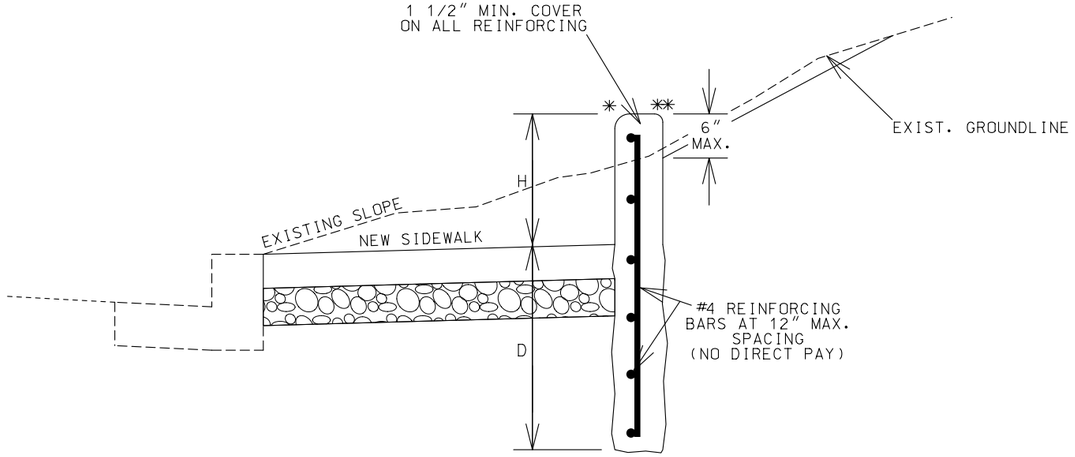
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

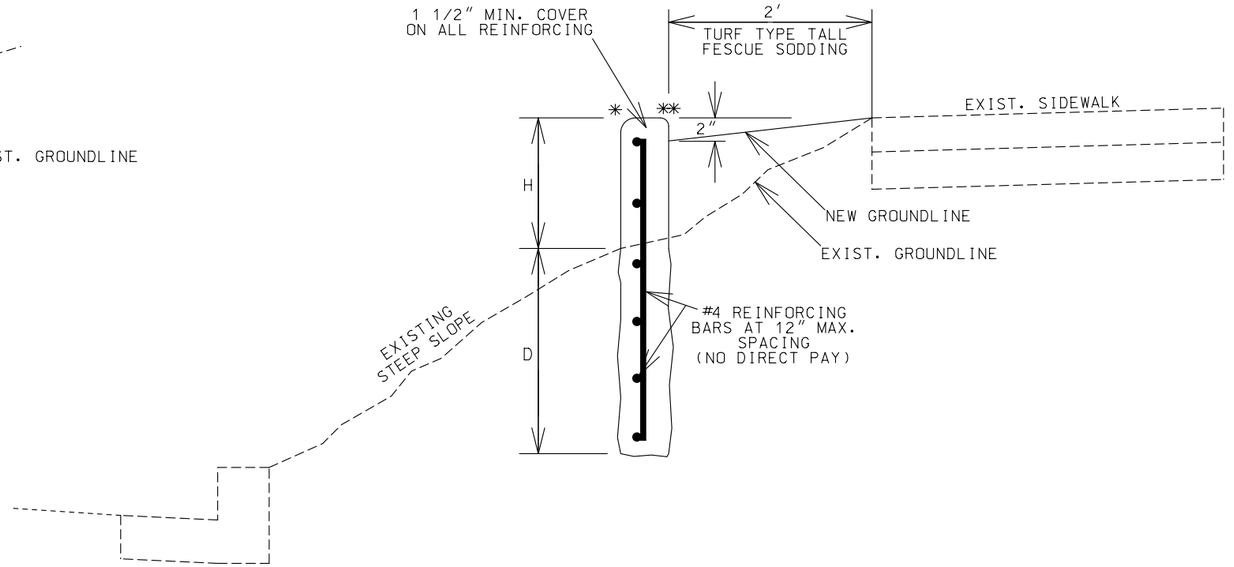
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CREATED: 2023-11-16
REVISED: 2024-02-13

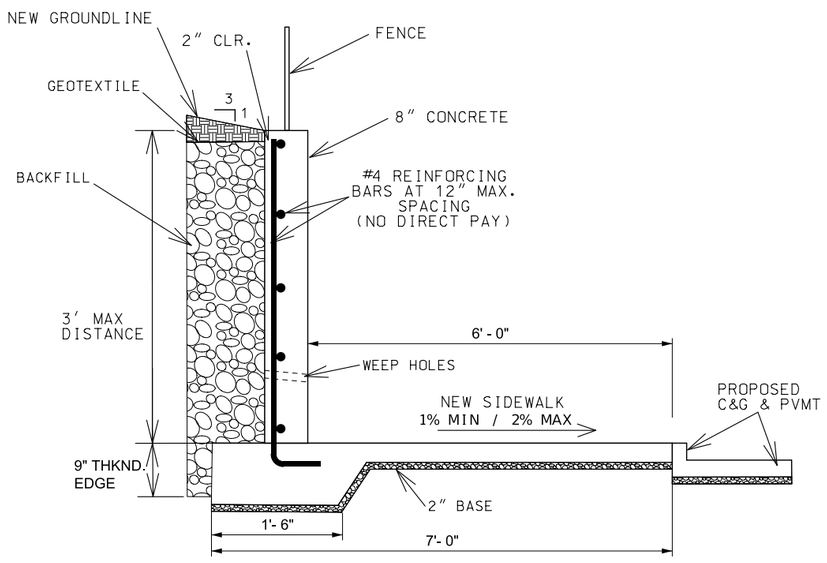
* ROUND TO 3/4" RADIUS
** ROUND TO 1/4" RADIUS
H = 2'-6" MAX. (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER.
VERTICAL REINFORCING LENGTHS VARY AS NEEDED.
DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK

MODIFIED S-CURB
> 12" TALL (2'-6" MAX.)





NOT TO SCALE



MODIFIED S-CURB
> 12" TALL (3'-0" MAX.)
POURED CONCRETE SIDEWALK WALL

NOT TO SCALE

ADA LIBRARY TYPICAL

MODIFIED S-CURB

TYPICAL SHEET
8 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:32:31 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/8/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
JASPER

JOB NO.
JSR0314

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REMOVAL OF IMPROVEMENTS

ROUTE	STA.	-	STA.	LOCATION	DESCRIPTION	UNITS	TOTAL	REMARKS
OAK ST.	7+62.20	-	8+28.52	RT	GUARDRAIL	LF	66.3	GUARDRAIL ON SW SIDE OF BRIDGE
OAK ST.	8+02.68	-	8+43.71	RT	SIDEWALK	SY	41.0	SIDEWALK ON SW SIDE OF BRIDGE
OAK ST.	11+80.99	-	12+25.25	RT	SIDEWALK	SY	22.3	SIDEWALK ON SE SIDE OF BRIDGE
OAK ST.	11+98.30	-	12+23.63	RT	GUARDRAIL	LF	25.3	GUARDRAIL ON SE SIDE OF BRIDGE
OAK ST.	11+96.75	-	12+21.75	LT	GUARDRAIL	LF	25.0	GUARDRAIL ON NE SIDE OF BRIDGE
						TOTAL	1 LUMP SUM	

TRUNCATED DOMES, CURB RAMP, SIDEWALK, TYPE 1 AGGREGATE, ADA LINEAR GRADING, TURF TYPE TALL FESCUE SODDING, CURBS

SHEET	STATION	STATION	LOCATION	LT RT	TRUNC. DOMES	CURB RAMP				SIDEWALK									4" TYPE 1 AGGR.	ADA LINEAR GRADING	SOD	S-CURB			REMARKS
										S.W. WIDTH	PAY WIDTH	4" SDWLK.	4" CUT THRU	4" BUS STOP	4" PASS AREA	8" SDWLK.	8" MODIFD. SDWLK.	INTEGRAL CURB				LESS/EQ 6" (1"-6")	OVER 6" (6"-12")	MODIFIED (12"-30")	
					SF	LENGTH	WIDTH	TYPE	SY	LF	LF	SY	SY	SY	SY	SY	SY	LF	SY	LF	SY	LF	LF	LF	
4	8+02.68	8+43.71	OAK ST.	RT						5	5	23.2							23.2	41.1	6.9				WEST OF BRIDGE
5	11+80.99	12+25.25	OAK ST.	RT						5	5	24.8							24.8	44.3	7.4				EAST OF BRIDGE
TOTAL						--	--	--		--	--	48.0							48.0	85.4	14.3				
USE						--	--	--		--	--	48.0							48	86	15				

SOD IS ESTIMATED AT 2.25' FOR CURB RAMP AREAS AND AT 1.5' FOR LONG SIDEWALK RUNS.

MOBILIZATION
1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

PAVEMENT MARKING AND REMOVAL

ROUTE	STA.	TO	STA.	LOCATION	4" YELLOW CLASS 1	PAVEMENT MARKING REMOVAL	REMARKS
					LF	LF	
OAK ST.	8+03.87		12+26.21	CL	840.0		DOUBLE YELLOW CL
OAK ST.	8+22.70		12+01.97	CL		759.0	YELLOW CL PAVE. MARKING
TOTALS					840	759	

EROSION CONTROL

STATION	STATION	SILT FENCE LOCATION	LENGTH	SILT FENCE	SEDIMENT REMOVAL	REMARKS
				LF	CY	
8+02.68	8+43.71	VARIOUS, LT & RT	41.0	41.0	0.4	WEST OF BRIDGE
11+80.99	12+25.25	VARIOUS, LT & RT	44.3	44.3	0.4	EAST OF BRIDGE
TOTAL				85.3	0.8	
USE				85	1.0	

GUARDRAIL

ROUTE	STA	TO	STA	OFFSET	NET LENGTH	TYPE C CRASHWORTHY END TERMINAL	LINEAR GRADING CLASS 2	REMARKS
					FT	EACH	STA.	
OAK ST.	12+01.96	-	12+23.96	17.000	22.0	1	0.2	NE BRIDGE CORNER
TOTALS						1	0.2	
USE						1	0.2	

SUMMARY OF QUANTITIES
SHEET 1 OF 2

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:59:24 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/8/2025

ROUTE OAK | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY JASPER
JOB NO. JSR0314
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00	1	16.00				MERGE (LEFT)
WO4-1aR	48X48	16.00	1	16.00				MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	10	160.00				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	2	32.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	2	32.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	1	16.00				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	4	64.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	4	24.00				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	8	96.00				SPEED LIMIT 4@30,2@60,2@70
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	2	4.00				SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	2	64.00				POINT OF PRESENCE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	564

616-10.10 RELOCATED SIGNS	TOTAL

ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025 DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	50	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033	15	DIRECTION INDICATOR BARRICADE
6161040	1	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055	15	SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A	1	WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6169902	2	ADA COMPLIANT MOVEABLE BARRICADES

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/14/2025 10:30:39 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/14/2025

ROUTE	STATE
OTK	MO
DISTRICT	SHEET NO.
SW	3

COUNTY: JASPER

JOB NO.: JSR23314

CONTRACT ID.: X

PROJECT NO.: X

BRIDGE NO.: X

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SUMMARY OF QUANTITIES

SHEET 2 OF 2

WEST OF BRIDGE A3561

* SEE BRIDGE PLANS FOR MORE INFORMATION ON BRIDGE A3561.

R/W EXIST

SEC5 T28N R31W
SW¼ NE¼

START STA 7+43.70

¼ SECTION LINE

R/W EXIST

OAK STREET

BRIDGE A35611

N89°52'59"E

BRIDGE A35611

EXIST. BARRIER *

1 — OM3-L — STA 7+82.53 OFF 17.83' LT

2 — OM3-L — STA 8+02.52 OFF 16.33' LT

3 — OM3-L — STA 8+22.52 OFF 15.17' LT

4 — OM3-R — STA 7+82.53 OFF 17.83' RT

5 — OM3-R — STA 8+02.53 OFF 16.33' RT

6 — OM3-R — STA 8+22.53 OFF 15.83' RT

STA 7+62.55
OFF 17.91'

STA 8+02.68
OFF 28.50' RT.

STA 8+26.24
OFF 19.88' RT.

STA 8+43.71
OFF 16.50' RT.

EXIST. EOP

(R) EXIST. GUARDRAIL

EXIST. EOP

PROPOSED TYPE D BARRIER *

EXIST. 4' SIDEWALK *

EXIST RAIL *

PROPOSED PED. FENCE *

PROPOSED 5' SIDEWALK

R/W EXIST

EXIST. SIDEWALK

(DND FENCE)

STA 8+04.84
OFF 32.99' RT.

STA 8+27.55
OFF 24.72' RT.

STA 8+43.70
OFF 21.59' RT.

I-49
SOUTHBOUND

R/W EXIST

SEC5 T28N R31W
SE¼ NW¼

GENERAL NOTES:

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

THE APPROXIMATE LOCATION OF UTILITY FACILITIES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS AND REPRESENTATION OF WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

ALL BEARINGS BASED ON STATE PLANE BEARINGS WESTERN ZONE.

TRAFFIC BARRIER DELINEATORS SHALL BE PLACED AT 50' SPACING AS DETAILED IN STANDARD PLANS 903.00.

THE CONTRACTOR IS ADVISED THAT A CONDUIT BELONGING TO AT&T IS ATTACHED TO THE UNDERSIDE OF THE BRIDGE. THE CONTRACTOR SHALL CONTACT AT&T TO CONFIRM NO UTILITY IMPACTS BEFORE BEGINNING CONSTRUCTION.

SCALE
0 5 10 15

SPECIAL SHEET
SHEET 1 OF 2

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:47:56 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED	10/8/2025
ROUTE	OAK
STATE	MO
DISTRICT	SW
SHEET NO.	4
COUNTY	JASPER
JOB NO.	JSR0314
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

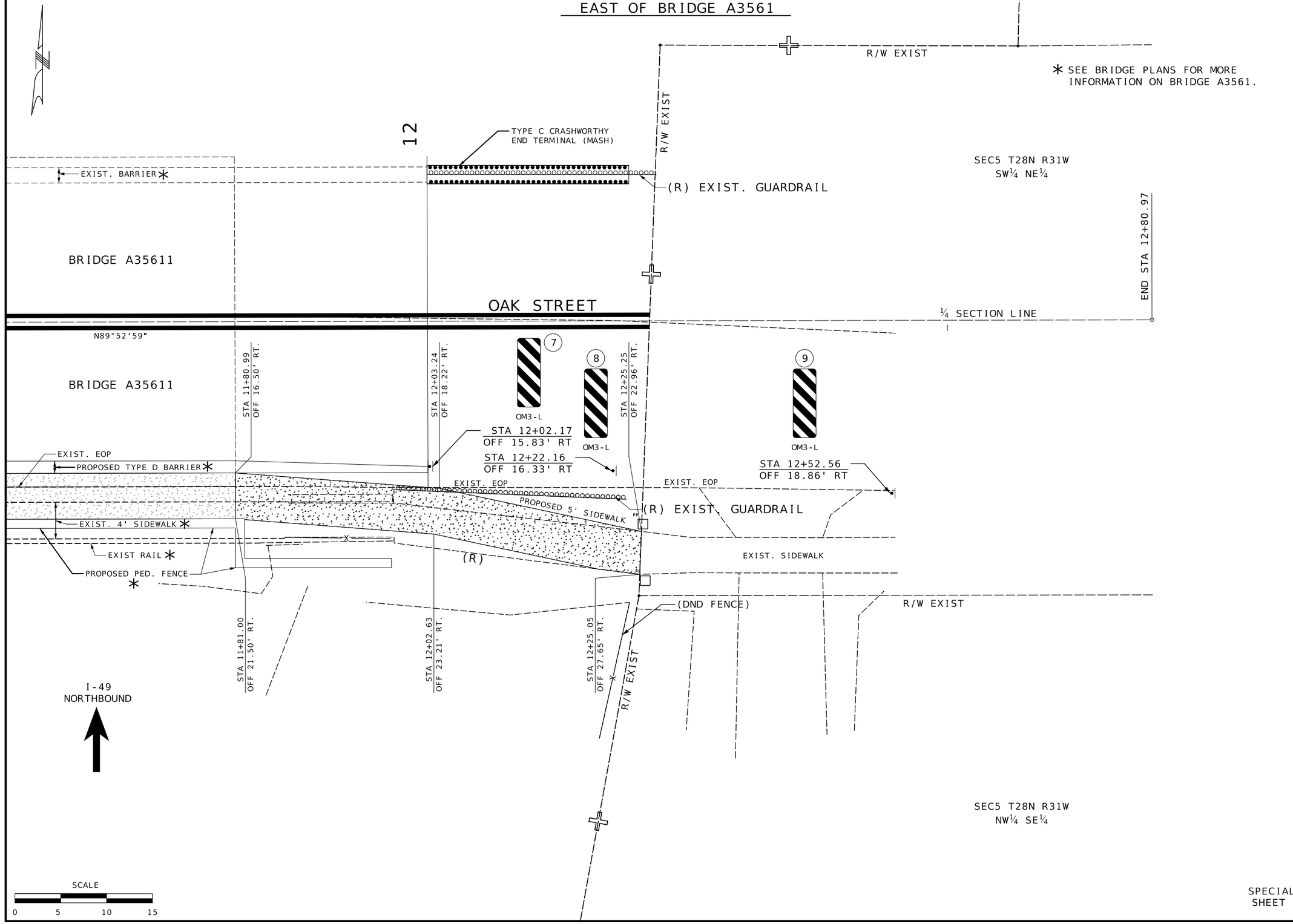
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EAST OF BRIDGE A3561



SPECIAL SHEET
SHEET 2 OF 2

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 4:48:05 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/8/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
JASPER

JOB NO.
JSR0314

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

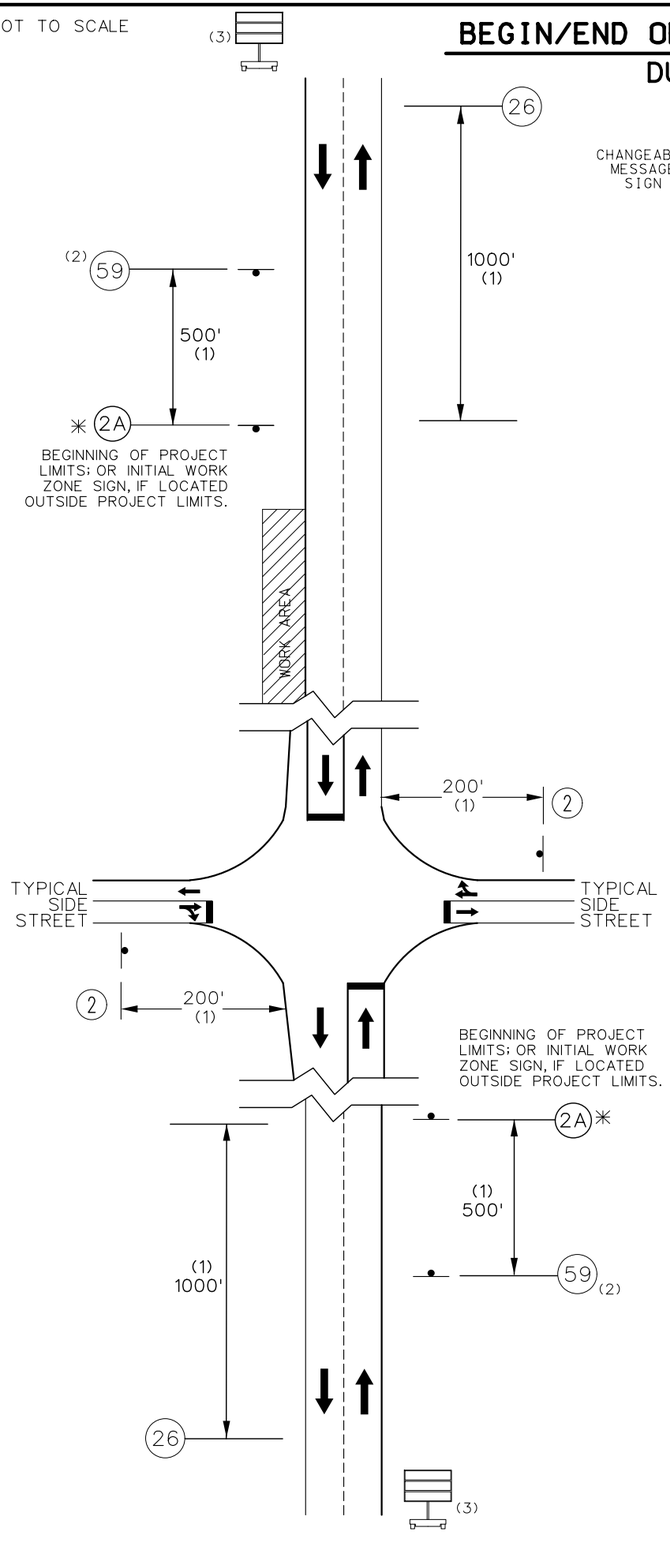
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOT TO SCALE

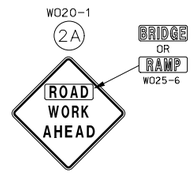
BEGIN/END OF PROJECT SIGNING

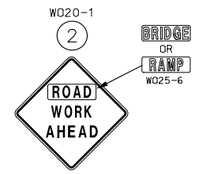
DUAL-LANE

EFFECTIVE: 06-08-2016
REVISED (ADA): 04-22-2024



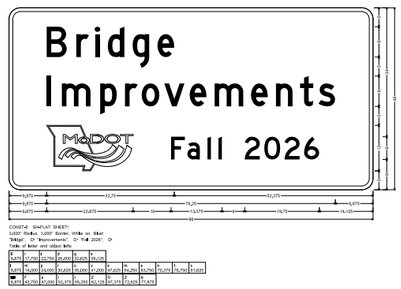
CHANGEABLE MESSAGE SIGN (3)

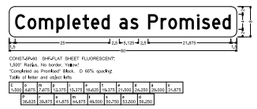












SIGN SPACING FOR ADVANCE SIGN SERIES

SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

SPEED MPH (S)	NON-DIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200 FT	200 FT
40-45	350 FT	500 FT
50-55	500 FT	1000 FT
60-70	1000 FT	1000 FT

GENERAL NOTES:

1. ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
3. SEE STANDARD DRAWING 616.10 AND 620.10 FOR ADDITIONAL DETAILS, AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
4. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
5. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
6. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS OR FLASHING ARROW PANEL.
7. NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD CONDITIONS AS APPROVED BY THE ENGINEER.
8. ALL SIGNS, EXCEPT "RATE OUR WORK ZONE" SIGN, SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
10. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
11. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
12. ALL PEDESTRIAN TRAFFIC CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE CURB RAMP & SIDEWALK IS OPENED FOR PEDESTRIAN TRAVEL.
13. PEDESTRIAN TRAFFIC CONTROL SIGNS MAY BE MOUNTED ON PORTABLE MOUNTS AT 1 FT. PROVIDED THEY DO NOT INTERFERE WITH PEDESTRIAN MOVEMENT OR BE OBSTRUCTED BY PARKING. OTHERWISE, SIGNS SHALL BE MOUNTED AT 7 FT.
14. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(3) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

TRAFFIC CONTROL
SHEET 1 OF 3

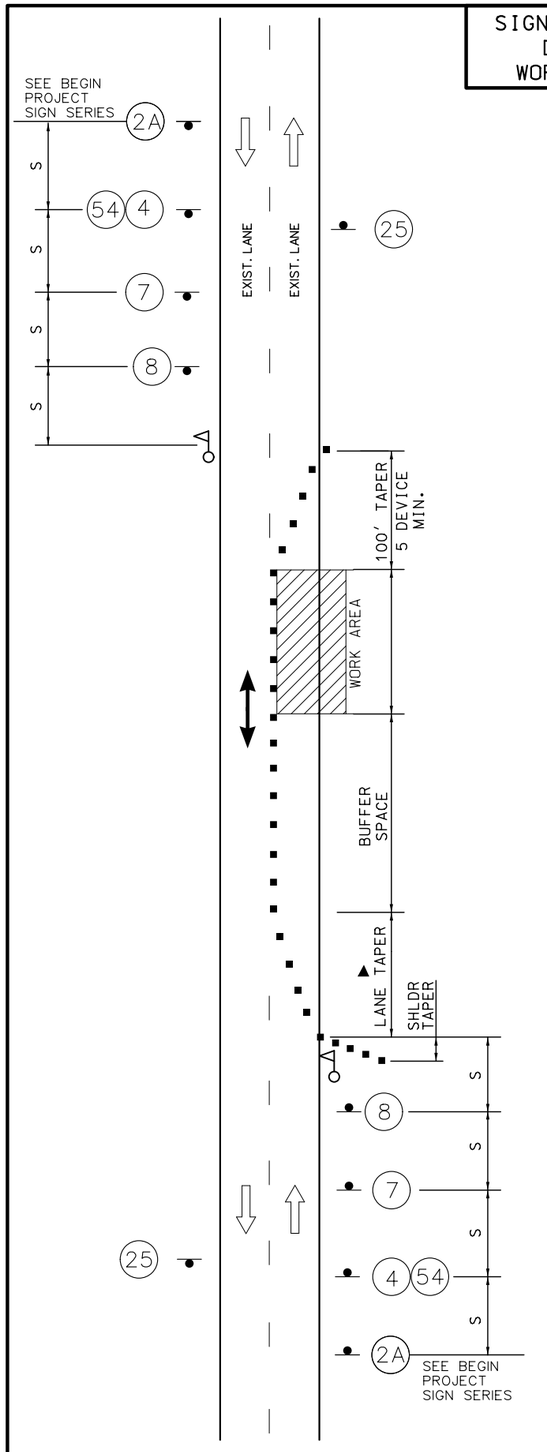
STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/8/2025 5:10:08 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/8/2025
ROUTE: OAK
STATE: MO
DISTRICT: SW
SHEET NO.: 6
COUNTY: JASPER
JOB NO.: JSR0314
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SIGNING REFLECTS
DAY TIME
WORKING HOURS



DUAL-LANE
LANE CLOSURE - DAY OR NIGHT

NOT TO SCALE

EFFECTIVE: 06-08-2016
REVISED (ADA): 04-22-2024

Speed Limit[1], mph	Taper Length[2], ft.		Channelizing Spacing [3], ft.	
	Shoulder[4] (T1)	Lane[5] (T2)	Tapers	Buffer/Work Areas
up to 35	70	245	35[6]	40[6]
40 to 45	150	540	40[6]	80[6]
50 to 55	185	660	50[7]	80[7]
60 to 70	235	840	60[7]	120[7]

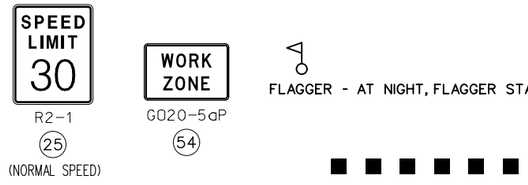
[1] Speed limit is based on posted speed limit.
[2] Taper lengths may be adjusted to accommodate crossroads, curves, intersections, ramps or other geometric features.
[3] Channelizer spacing may be reduced to discourage traffic encroachment.
[4] Based on 10 ft. shoulder width.
[5] Based on 12 ft. lane width.
[6] Spacing reduced to 1/2 at intersections.
[7] Spacing may be reduced to 1/2 at intersections.

Speed Limit[1], mph	Sign Spacing[2], ft.	
	Undivided Highway	Divided Highway
up to 35	200[3]	200[3]
40 to 45	350	500
50 to 55	500	1000
60 to 70	1000	SA-1000 SB-1500 SC-2640

[1] Speed limit is based on posted speed limit.
[2] Sign spacing may be adjusted, normally by increasing it, to accommodate field conditions and visibility.
[3] For urban low speed, minimum recommended spacing in MUTCD is 100 ft.



* SIGN W020-7A (FLAGGER SYMBOL) FLAGS ARE INCIDENTAL TO THE SIGN. NO DIRECT PAY.



NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

▲ IN TAPER SECTIONS: QUANTITY OF TRIMLINE CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAX. CHANNELIZER SPACING IN THE CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES (NO DIRECT PAY)

NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS, OR FLASHING ARROW PANEL.

NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD CONDITONS AS APPROVED BY THE ENGINEER.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING ARE ONE-HALF OF THE SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "RATE OUR WORK ZONE", SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY ENGINEER.

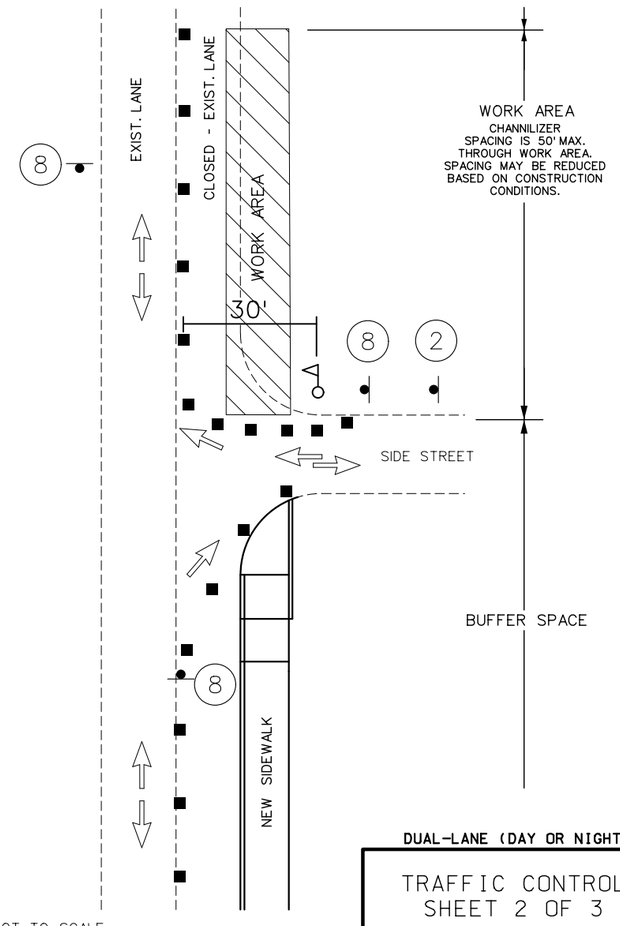
LAYOUT IS TYPICAL FOR EITHER DIRECTION. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER. SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.

THE MAX. CHANNELIZER SPACING WITHIN THE WORK ZONE AREA MAY BE REDUCED BASED ON CONSTRUCTION CONDITIONS, AS APPROVED BY ENGINEER.

WORK ZONE TRAFFIC SIGNAL SYSTEM TO BE UTILIZED FOR TYPE D BARRIER CONSTRUCTION AND OTHER OPERATIONS AS AS APPROVED BY THE ENGINEER.

TEMPORARY PAVEMENT MARKING SHALL BE INCIDENTAL TO THE WORK ZONE TRAFFIC SIGNAL SYSTEM.

SIDE STREET FLAGGING DETAIL



NOT TO SCALE

DUAL-LANE (DAY OR NIGHT)

TRAFFIC CONTROL
SHEET 2 OF 3

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/09/2025 9:19:14 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/9/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
JASPER

JOB NO.
JSR0314

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

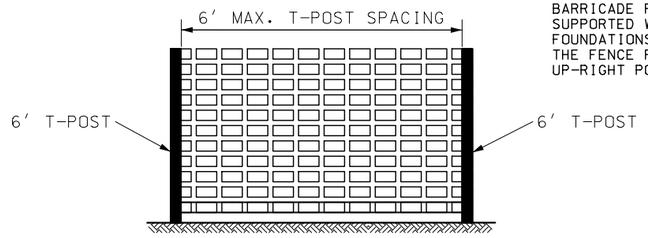
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 11-19-2018

NOTES:

1. NO DIRECT PAYMENT WILL BE MADE FOR ORANGE SAFETY FENCE AS REQUIRED AROUND EXCAVATION OF SIDEWALK & CURB RAMP AREAS.
2. SEE JSP's FOR PEDESTRIAN TRAFFIC DEVICES.
3. WORKING AREAS SHALL BE GUARDED FROM PEDESTRIAN ACCESS BY BARRICADE FENCING 36" TO 48" IN HEIGHT WITH A GAP NO GREATER THAN 6" FROM THE GROUND AND HOLES NO GREATER THAN 4" IN ANY DIRECTION.
4. PEDESTRIAN ACCESS ON SIDEWALK SHALL BE PROVIDED WITH A WIDTH NOT LESS THAN 4' OF SMOOTH STABLE SURFACING ADJACENT TO BARRICADE FENCING FOR ACCESS TO THE MAIN BUILDING.
5. SIDEWALK RAMP CLOSURES FOR RECONSTRUCTION SHALL BE PERFORMED WITH ADA COMPLIANT MOVEABLE BARRICADES. TWO BARRICADES PER PEDESTRIAN APPROACH. ONE SIDEWALK CLOSED SIGN WILL BE PLACED UPON ONE BARRICADE FOR EACH APPROACH, NO MORE THAN ONE 5' SECTION OF SIDEWALK RAMP SHALL BE CLOSED LEADING TO THE MAIN BUILDING AT ANY TIME ADJACENT TO THE WORK AREA.

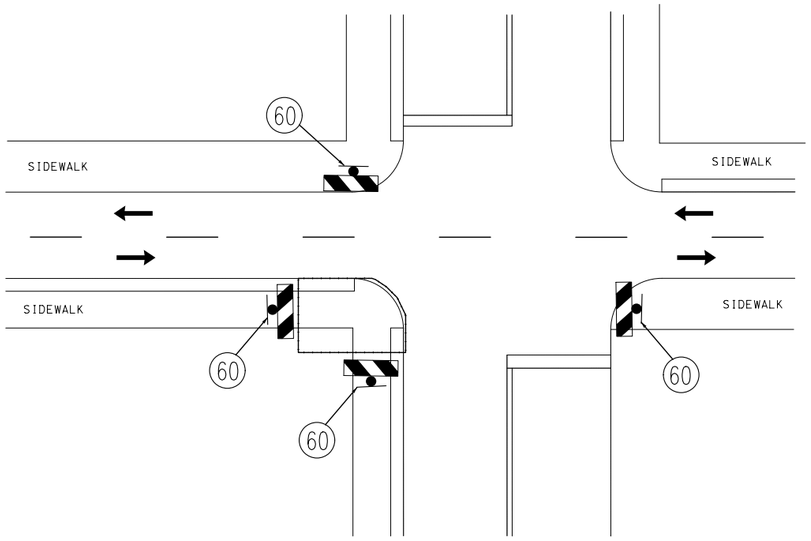
ORANGE PLASTIC SAFETY FENCE



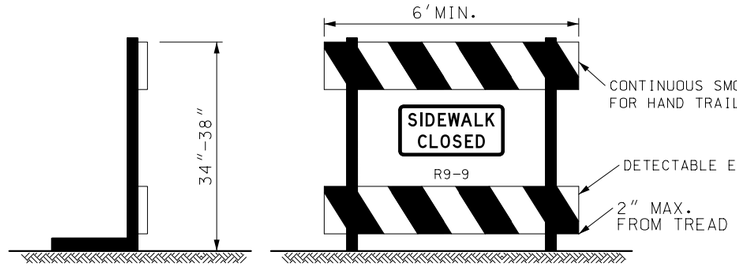
NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST. ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

DUAL-LANE TYPICAL SIDEWALK CLOSURE

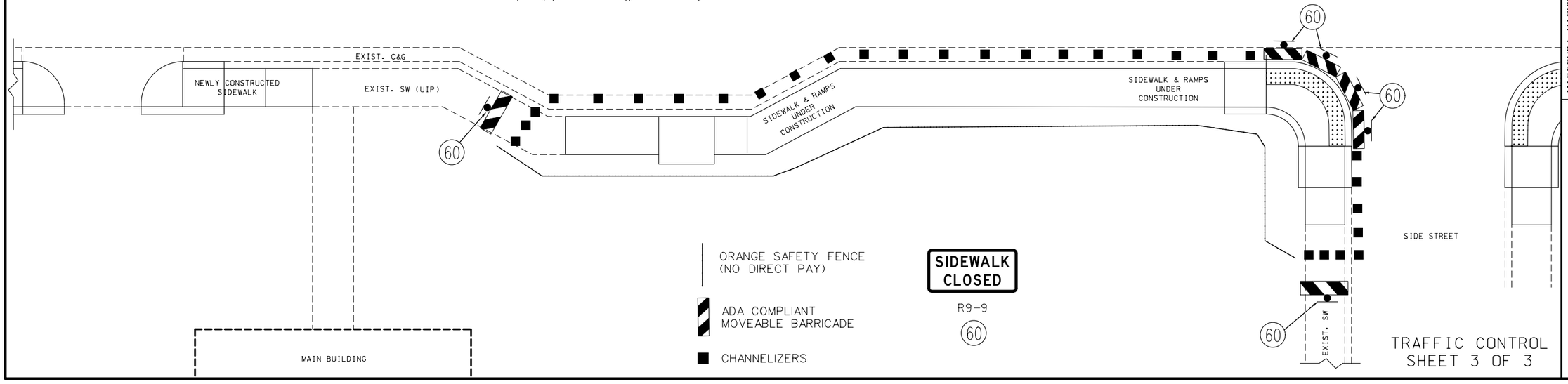
NOT TO SCALE



ADA COMPLIANT MOVEABLE BARRICADE



1. WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
2. CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS IS REQUIRED.
3. NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
4. THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.



TRAFFIC CONTROL
SHEET 3 OF 3

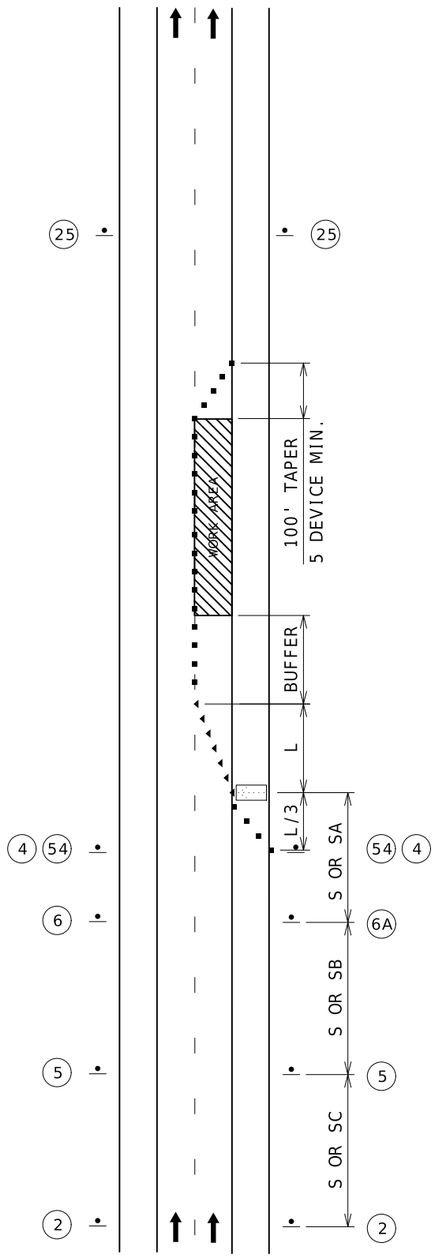
STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 5:29:08 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

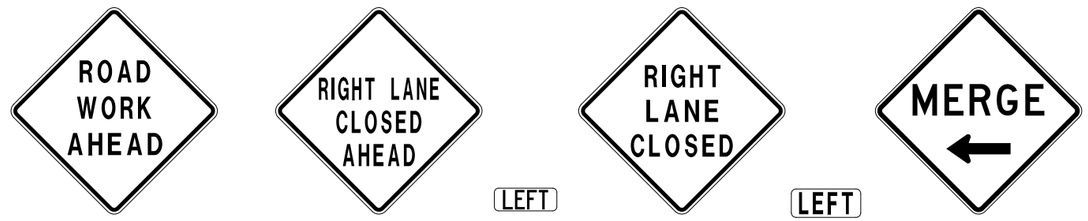
DATE PREPARED: 10/8/2025
ROUTE: OAK | STATE: MO
DISTRICT: SW | SHEET NO.: 8
COUNTY: JASPER
JOB NO.: JSR0314
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

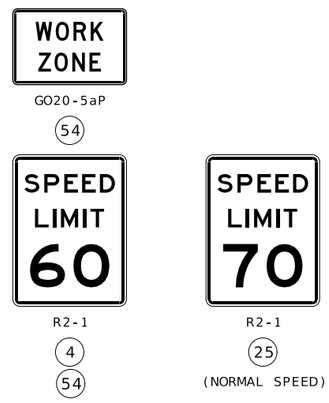
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOT TO SCALE







FLASHING ARROW PANEL

CHANNELIZER

DIRECTIONAL INDICATOR BARRICADE WITH SEQUENTIAL FLSHING WARNING LIGHT

SINGLE LANE CLOSURE

TEMPORARY TRAFFIC CONTROL
TA-33
SHEET 3a OF 3a

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/09/2025 9:19:24 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
10/9/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	8a

COUNTY
JASPER

JOB NO.
JSR0314

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 11-18-2021

NOTES:

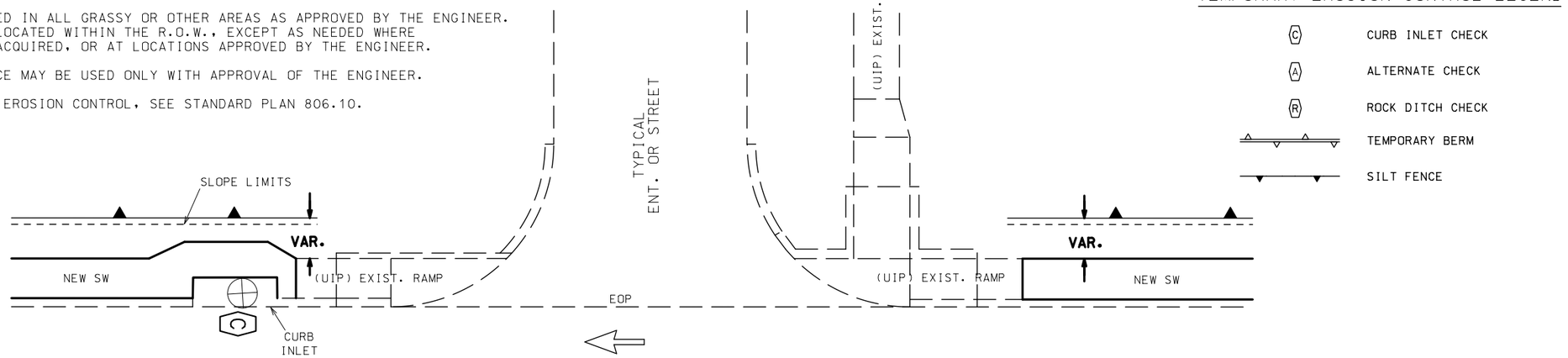
(1) SILT FENCE SHALL BE PLACED IN ALL GRASSY OR OTHER AREAS AS APPROVED BY THE ENGINEER. THE SILT FENCE SHALL BE LOCATED WITHIN THE R.O.W., EXCEPT AS NEEDED WHERE RIGHT-OF-ENTRY HAS BEEN ACQUIRED, OR AT LOCATIONS APPROVED BY THE ENGINEER.

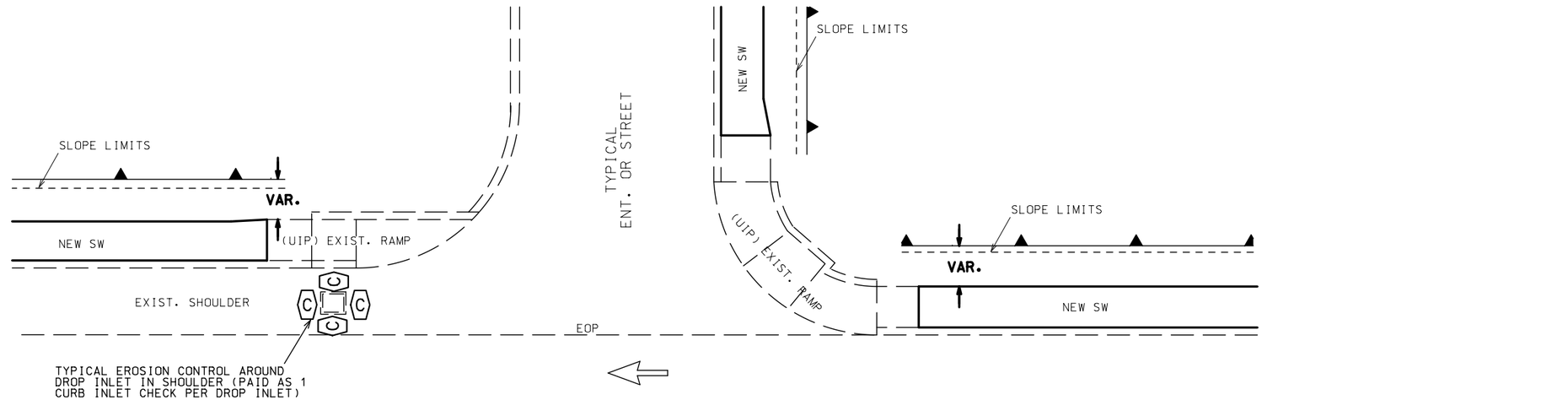
(2) ALTERNATIVES TO SILT FENCE MAY BE USED ONLY WITH APPROVAL OF THE ENGINEER.

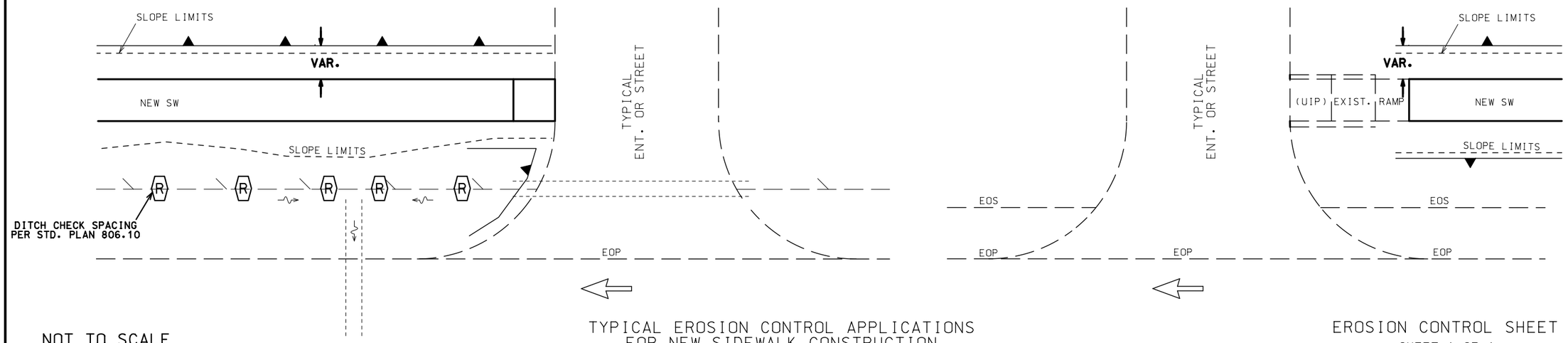
(3) FOR DETAILS OF TEMPORARY EROSION CONTROL, SEE STANDARD PLAN 806.10.

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (A) ALTERNATE CHECK
- (R) ROCK DITCH CHECK
- TEMPORARY BERM
- SILT FENCE







NOT TO SCALE

TYPICAL EROSION CONTROL APPLICATIONS FOR NEW SIDEWALK CONSTRUCTION

EROSION CONTROL SHEET
SHEET 1 OF 1

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 6:19:24 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED	
10/8/2025	
ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	9
COUNTY	
JASPER	
JOB NO.	
JSR0314	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SIGNS (902 SIGNAL SIGNS TABULATED ON D-37A SHEET)						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS*						PIPE POSTS*					BACKING BARS**				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE												BREAK-AWAY ASSEMBLY	REMARKS AND OTHER REQUIRED ITEMS
																							2-INCH POST						2.5-INCH POST							
																									TOTAL	ANCHORS					TOTAL	2.25"	ANCHORS				
SIGN NO.	SIGN SIZE	STATION	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.	ITEM NO. 9031010	POST DES NO.	POST NO. 1	POST NO. 2	POST NO. 3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X 3/8" BARS AT 2.55 LBS/FT NO.	LGTH	TOTAL	TOTAL	ITEM NO. 9031250A	POST NO. 1	POST NO. 2	ITEM NO. 9031270A	DRIVEN 12 GA. ITEM NO. 9031271A	DRIVEN 7 GA. ITEM NO. 9031273A	CONCRETE 7 GA. ITEM NO. 9031274	POST NO. 1	POST NO. 2	ITEM NO. 9031280	INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7 GA. ITEM NO. 9031281A	CONCRETE 7 GA. ITEM NO. 9031285	ITEM NO. 9031241	
						CY		LF	LF	LF		LBS	IN	LF	LF		LBS	EACH	IN.	LF	LBS	LF	LF	LF	LF	EACH	EACH	EACH	LF	LF	LF	EACH	EACH	EACH	EACH	
1	36 x 12	7+82.53		LT	4																		16		16			1								WHITE DELINEATOR-LT - 16
2	36 x 12	8+02.52		LT	4																		16		16			1								WHITE DELINEATOR-RT - 16
3	36 x 12	8+22.52		LT	4																		16		16			1								TOTALS - 32***
4	36 x 12	7+82.53		RT	4																		16		16			1								
5	36 x 12	8+02.53		RT	4																		16		16			1								
6	36 x 12	8+22.53		RT	4																		16		16			1								
7	36 x 12	12+02.17		RT	5																		16		16			1								
8	36 x 12	12+22.16		RT	5																		16		16			1								
9	36 x 12	12+52.56		RT	5																		16		16			1								
				SUBTOTAL																					144			9								
				TOTAL																		**			144			9								

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.
***NO DIRECT PAY FOR DELINEATORS ON THE SOUTH BARRIER.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4~6"	0.13
4	10.79	0.90	5'- 3½"	18"	5~6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	LEVEL GROUND DEPTH	LEVEL GROUND C.Y.	6:1 GRADE DEPTH	6:1 GRADE C.Y.	4:1 GRADE DEPTH	4:1 GRADE C.Y.	3:1 OR 2:1 GRADE DEPTH	3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

EFFECTIVE: 07-01-2024

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 6:32:04 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 10/8/2025
ROUTE: OAK | STATE: MO
DISTRICT: SW | SHEET NO.: 10
COUNTY: JASPER
JOB NO.: JSR0314
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

STANDARD SIGN ASSEMBLIES

SIGN NO.	STATION OR LOG MILE	LOCATION	SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH																					
			SH OM3-L 36x12	SH OM3-R 36x12																				
1	7+82.53	LT	1																					
2	8+02.52	LT	1																					
3	8+22.52	LT	1																					
4	7+82.53	RT		1																				
5	8+02.53	RT		1																				
6	8+22.53	RT		1																				
7	12+02.17	RT	1																					
8	12+22.16	RT	1																					
9	12+52.56	RT	1																					
		TOTALS	6	3																				

SIGN SUMMARY

EFFECTIVE: 10-01-2016

STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL. SHT. NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET			
				FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A
OM3-L		6	36x12		18.00		
OM3-R		3	36x12		9.00		
			TOTALS		27		

*ORANGE, YELLOW AND YELLOW-GREEN

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
10/08/2025 6:32:26 PM
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MO-PE-2003015045

DATE PREPARED: 10/8/2025

ROUTE	STATE
OAK	MO

DISTRICT	SHEET NO.
SW	11

COUNTY: JASPER

JOB NO.: JSR0314

CONTRACT ID.:

PROJECT NO.:

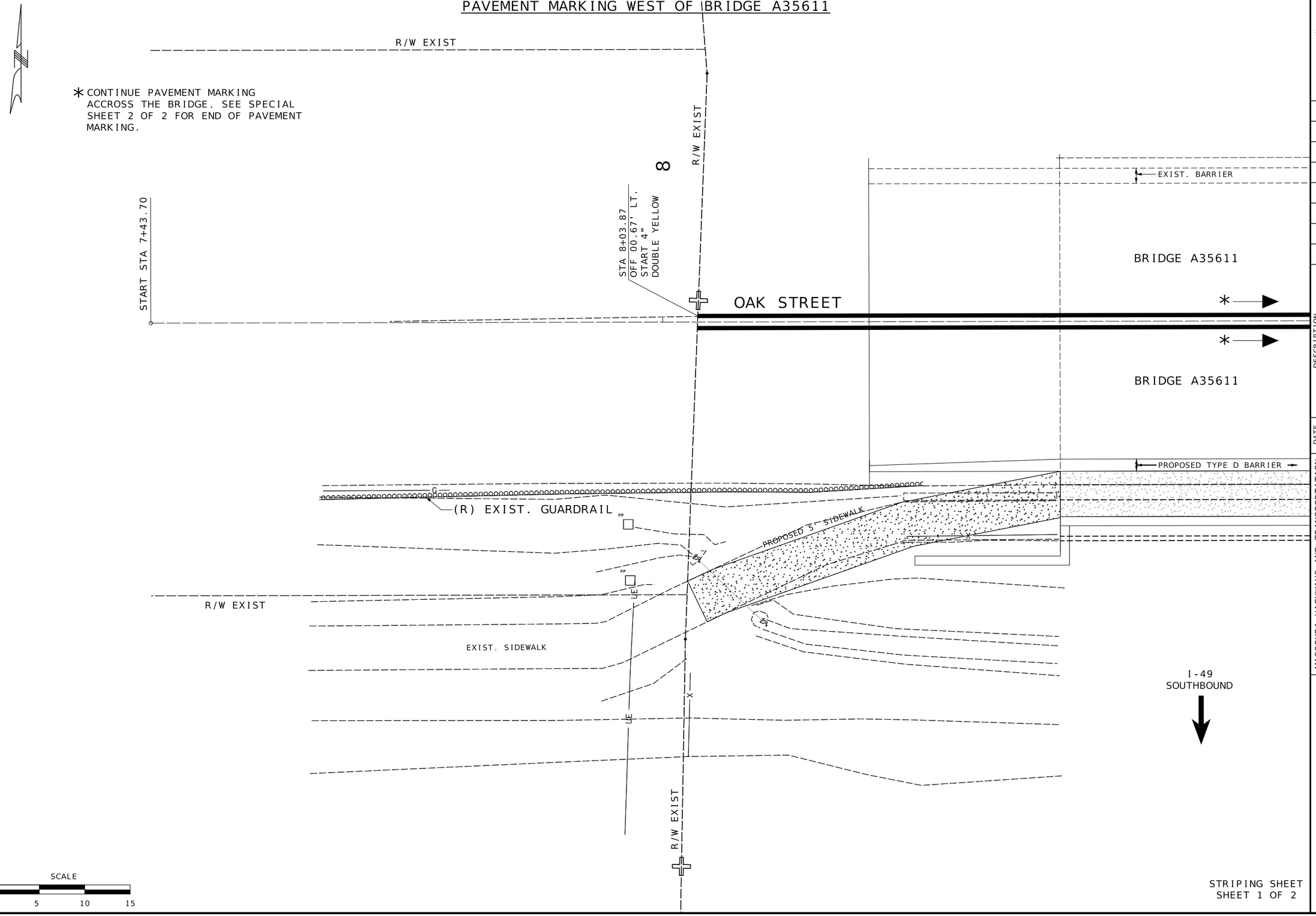
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PAVEMENT MARKING WEST OF BRIDGE A35611



STRIPING SHEET
SHEET 1 OF 2

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/11/2025 6:27:11 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
JASPER

JOB NO.
JSR0314

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PAVEMENT MARKING EAST OF BRIDGE A35611

12

TYPE C CRASHWORTHY
END TERMINAL (MASH)

EXIST. BARRIER

BRIDGE A35611

BRIDGE A35611

OAK STREET

R/W EXIST

R/W EXIST

STA 12+26.21
OFF 00.67' LT.
END 4" DOUBLE
YELLOW

END STA 12+80.97

* CONTINUE PAVEMENT MARKING ACROSS THE BRIDGE. SEE SPECIAL SHEET 1 OF 2 FOR BEGINNING OF PAVEMENT MARKING.

EXIST. EOP

PROPOSED TYPE D BARRIER

PROPOSED 5' SIDEWALK

PP

(R) EXIST. GUARDRAIL

EXIST. SIDEWALK

R/W EXIST

R/W EXIST

I-49
NORTHBOUND

SCALE

0 5 10 15

STRIPING SHEET
SHEET 2 OF 2

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

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MO-PE-2003015045

DATE PREPARED
8/6/2025

ROUTE	STATE
OAK	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
JASPER

JOB NO.
JSR0314

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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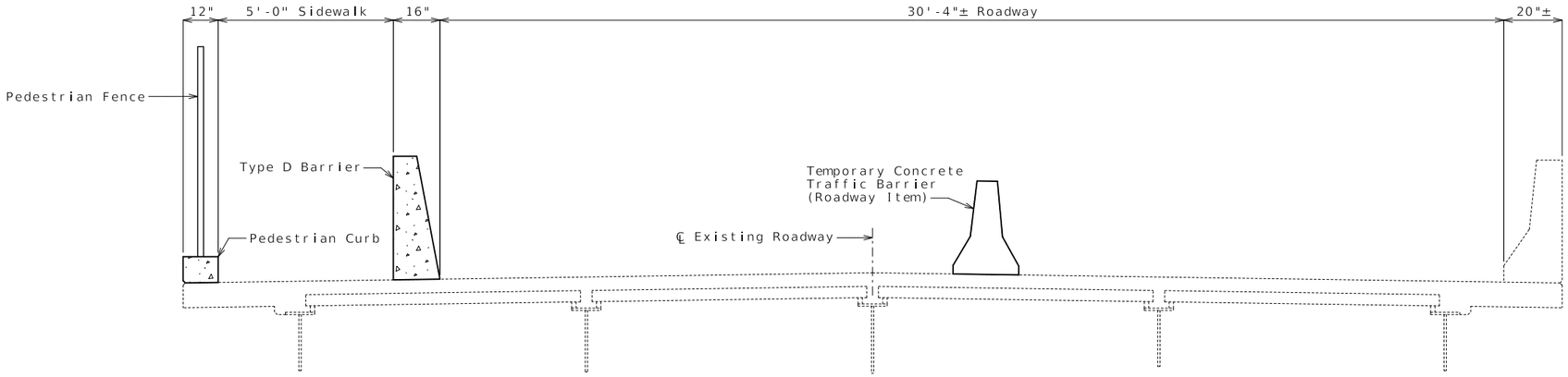
SEC/SUR 5 TWP 28N RGE 31W

U.I.P. AND REHABILITATE EXISTING (41') SIMPLE COMPOSITE PLATE GIRDER SPAN, (2.5'-111'-121'-61') CONTINUOUS COMPOSITE PLATE GIRDER SPANS



TYPICAL SECTION THRU EXISTING DECK

Note: Existing conduit hanger not shown for clarity.

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7

Design Loading:

HS20-44 (1977 & New Construction)

Design Unit Stresses:

Class B-1 Concrete (Curb & Barrier) f'c = 4,000 psi
Reinforcing Steel (ASTM A615 Grade 60) fy = 60,000 psi

Joint Filler:

All joint filler shall be in accordance with Sec 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise noted.

Miscellaneous:

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before finalizing the shop drawings.

Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, existing bars shall extend into new concrete at least 40 diameters for plain bars and 30 diameters for deformed bars, unless otherwise noted.

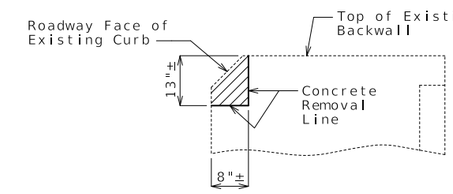
The area exposed by the removal of concrete and not covered with new concrete shall be coated with an approved qualified special mortar in accordance with Sec 704.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

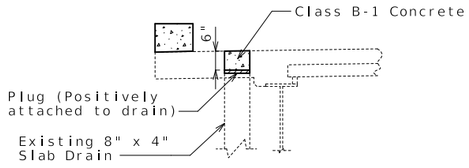
Estimated Quantities

Item		Total
Removal of Existing Expansion Joint Seal or Sealant	linear foot	118
Removal of Existing Structural Sign Support	lump sum	1
Removal of Existing Cantilever Sidewalk	sq. foot	2,082
(72 in.) Pedestrian Fence (Structures)	linear foot	380
Type D Barrier	linear foot	338
Pedestrian Curb	linear foot	338
Type D Barrier Transition	linear foot	42
Plugging Existing Deck Drains	each	10
Open Cell Foam Joint Seal	linear foot	79
Silicone Expansion Joint Sealant	linear foot	37



PART ELEVATION SHOWING BACKWALL REMOVAL AT END BENTS NO. 1 & 5

The cost of removal as shown will be considered completely covered by the contract unit price for Removal of Existing Cantilever Sidewalk.



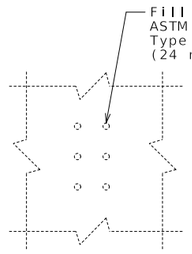
PART SECTION SHOWING PLUGGING EXISTING DECK DRAINS

The cost of labor and materials required to plug existing deck drains will be considered completely covered by the contracl unit price for Plugging Existing Deck Drains.

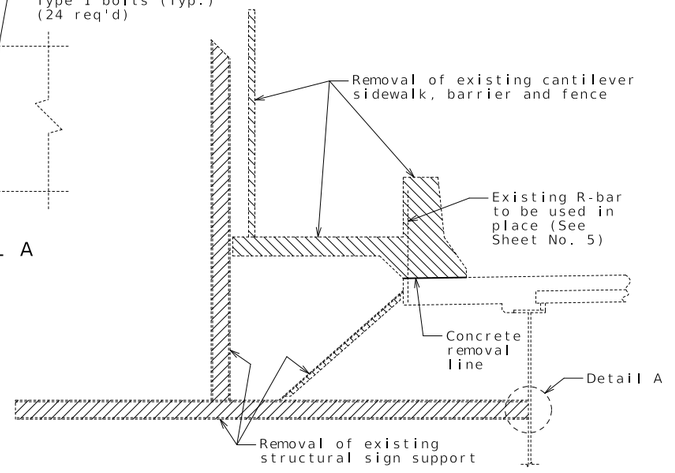
Plug to be positively attached to drain to prevent being dislodged.

Fill drain with concrete after plugging.

Estimated material required to fill deck drains as shown is 1.1 cubic yards (for information only) (See Sheet No. 2 for locations).



DETAIL A



PART SECTION SHOWING REMOVAL OF CANTILEVER SIDEWALK AND STRUCTURAL SIGN SUPPORT

The cost to remove existing cantilever sidewalk, barrier and fence will be considered completely covered by the contract unit price for Removal of Cantilever Sidewalk.

The cost to remove existing structural sign support and install high strength bolts will be considered completely covered by the contract lump sum price for Removal of Existing Structural Sign Support.

REPAIRS TO BRIDGE: OAK STREET OVER ROUTE I-49

OAK STREET FROM ROUTE 66 TRAIL TO ROUTE 571
ABOUT 0.5 MILE EAST OF ROUTE 66 TRAIL
BEGINNING STATION 8+43.70± (Match Existing)

Detailed Jan. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TYLER R. LINDSAY
NUMBER PE-2019000128
PROFESSIONAL ENGINEER
08/25/2025 12:56:49 PM
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MO-PE-2019000128

DATE PREPARED 8/25/2025
ROUTE I-49 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY JASPER
JOB NO. JSR0314
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A35611

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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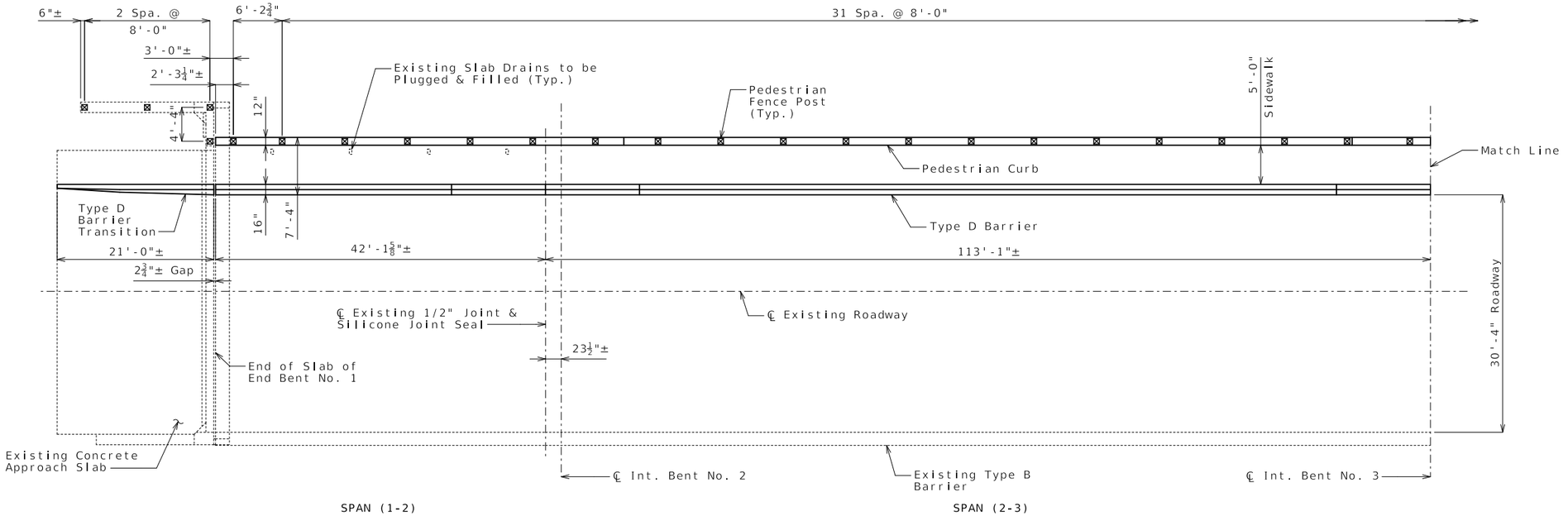

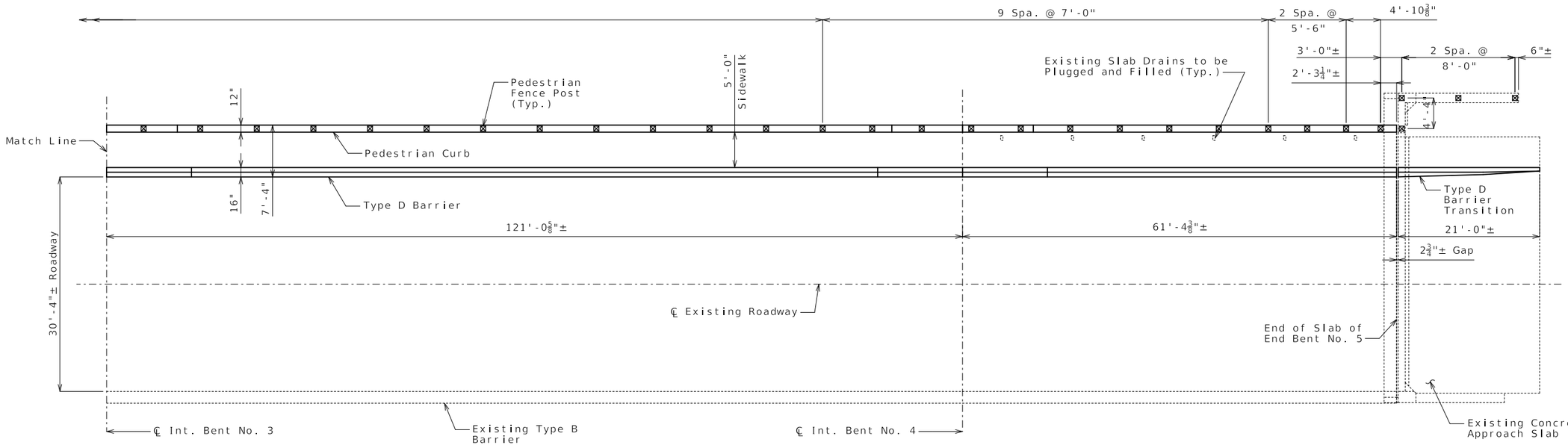

Notes:

For details of Type D Barrier, see Sheet No. 3.

For details of Type D Barrier Transition, see Sheet No. 4.

For details of Pedestrian Curb, see Sheet No. 5.

For details of Pedestrian Chain Link Fence, see Sheets No. 6 & 7.

For details of expansion joints, see Sheet No. 8.

PLAN OF SLAB SHOWING BARRIER, CURB & FENCE LAYOUT

Detailed Jan. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TYLER R. LINDSAY
NUMBER PE-2019000128
PROFESSIONAL ENGINEER
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TYLER R. LINDSAY - CIVIL
MO-PE-2019000128

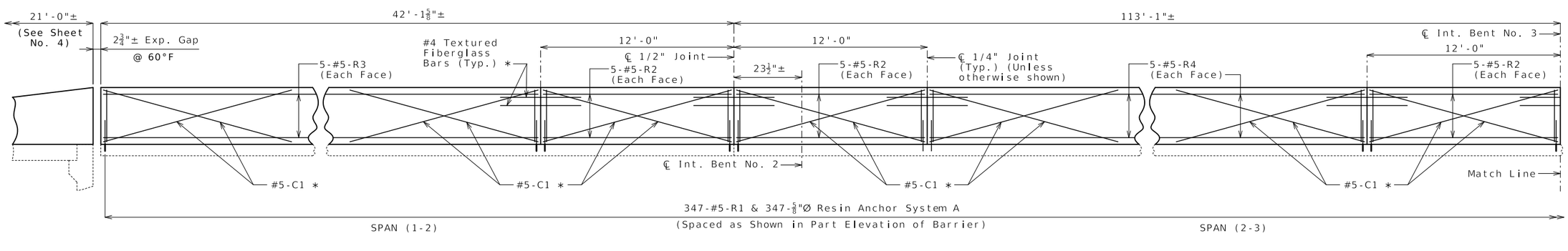
DATE PREPARED: 8/25/2025

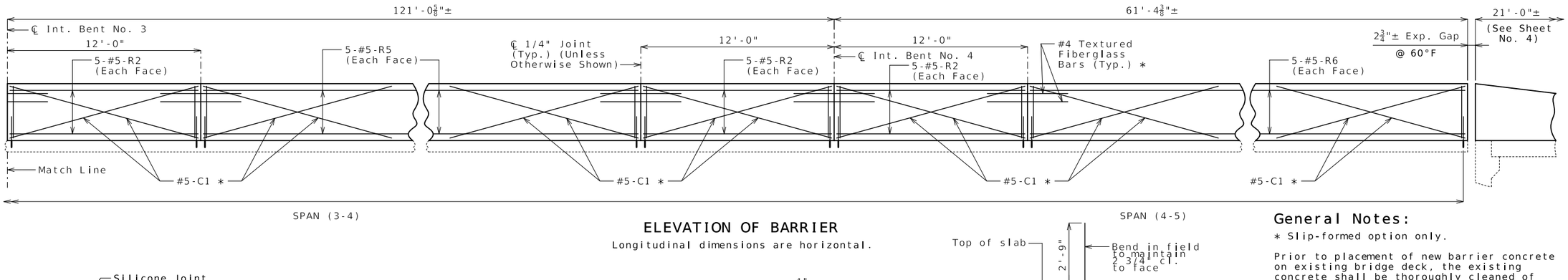
ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
BR	2

COUNTY: JASPER
JOB NO.: JSR0314
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A35611

DATE	DESCRIPTION

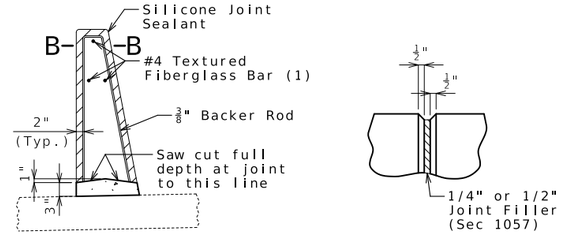
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)





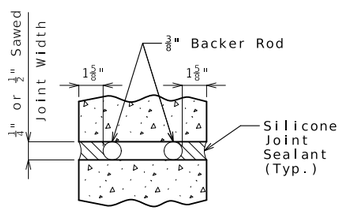
ELEVATION OF BARRIER

Longitudinal dimensions are horizontal.

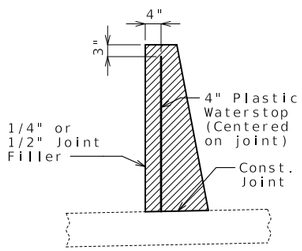


SECTION THRU SAW CUT JOINT

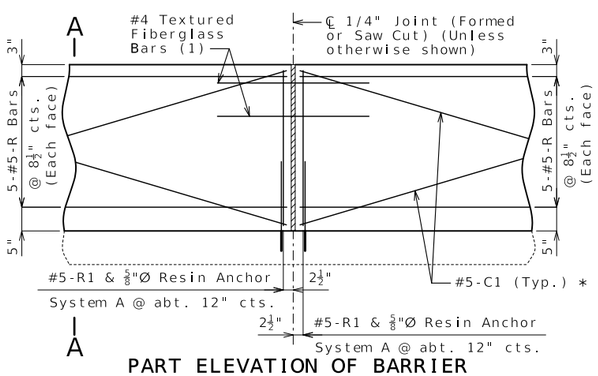
PART ELEVATION AT FORMED JOINT



SECTION B-B

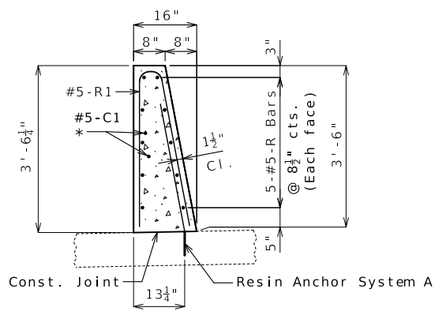


WATERSTOP DETAIL



PART ELEVATION OF BARRIER

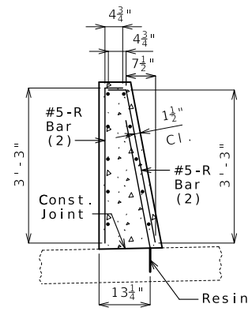
(1) Four feet long, centered on joint, slip-formed option only



SECTION A-A

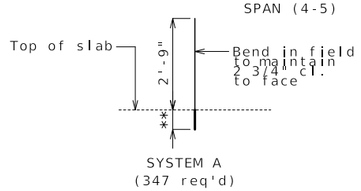
Use a minimum lap of 3'-1" for #5 horizontal barrier bars.

The cross-sectional area above the slab is 3.52 square feet.



R-BAR PERMISSIBLE ALTERNATE SHAPE

(2) The R1 bar may be separated into two bars as shown, at the contractor's option, only when slip forming is not used. (All dimensions are out to out.)



DETAILS OF RESIN ANCHOR SYSTEMS

** Manufacturer's recommended embedment length (5" maximum)

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Type D Barrier.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be greater than 5".

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8"Ø threaded rod.

General Notes:

* Slip-formed option only.

Prior to placement of new barrier concrete on existing bridge deck, the existing concrete shall be thoroughly cleaned of all dirt, debris, oil and any other foreign matter for the width of the barrier plus 3 inches on each side by pressure washing, sand blasting or other approved methods. This work is considered completely covered by the contract unit price for Type D Barrier.

Conventional forming or slip forming may be used. Saw cut joints may be used with conventional forming.

Top of barrier shall be built parallel to grade and barrier joints normal to grade.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete, reinforcement and waterstop, complete in place, will be considered completely covered by the contract unit price for Type D Barrier per linear foot.

Concrete in barrier shall be Class B-1.

Measurement of barrier is to the nearest linear foot for each structure, measured along the outside top of slab from end of slab to end of slab.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Type D Barrier.

Joint sealant and backer rods shall be in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

For slip-formed option, both sides of barrier shall have a vertically broomed finish and the top shall have a transversely broomed finish.

Plastic waterstop shall not be used with saw cut joints.

TYPE D BARRIER

Detailed Jan. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TYLER R. LINDSAY
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PROFESSIONAL ENGINEER
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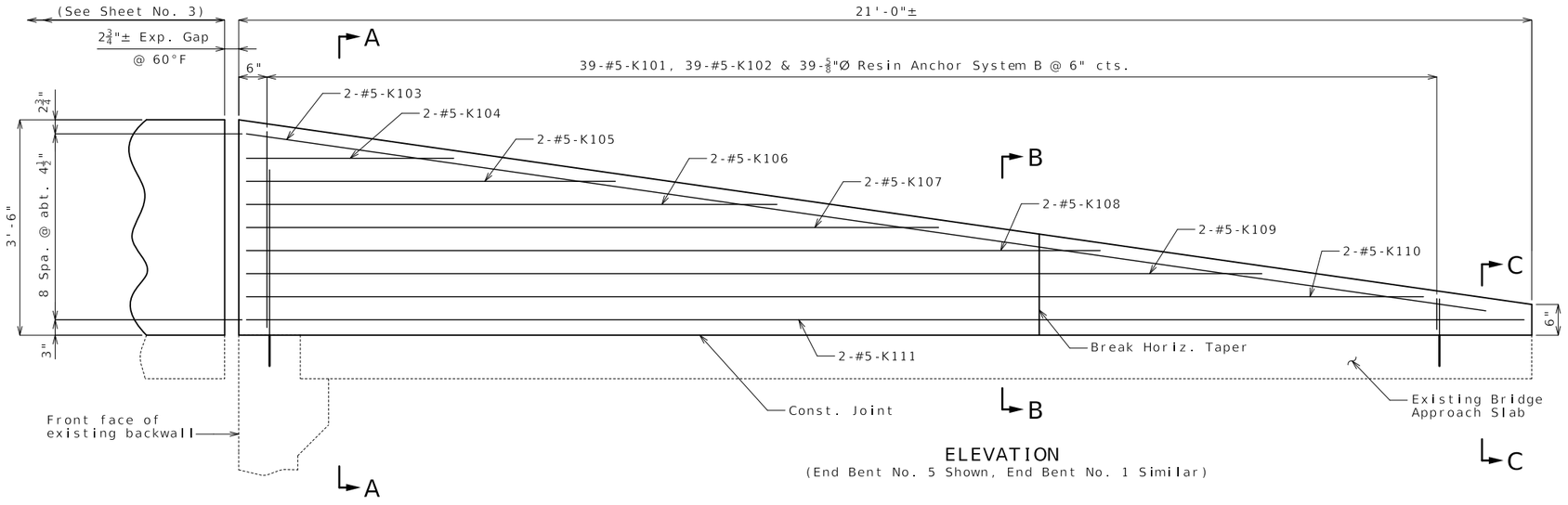
MO-PE-2019000128

DATE PREPARED: 8/25/2025
ROUTE: I-49 | STATE: MO
DISTRICT: BR | SHEET NO.: 3
COUNTY: JASPER
JOB NO.: JSR0314
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A35611

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



ELEVATION
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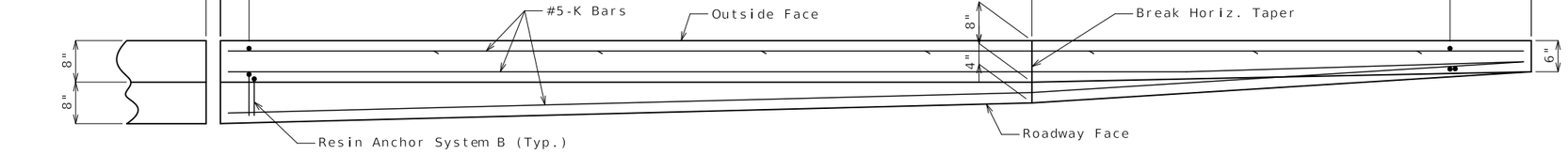

PLAN
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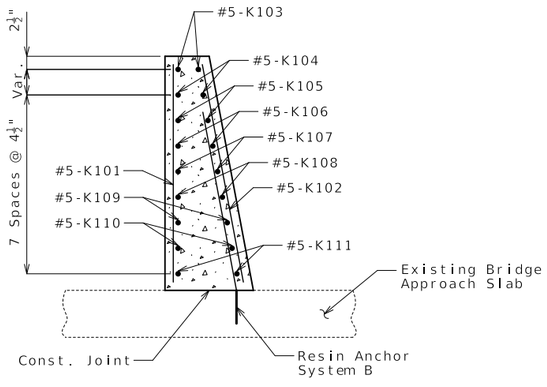
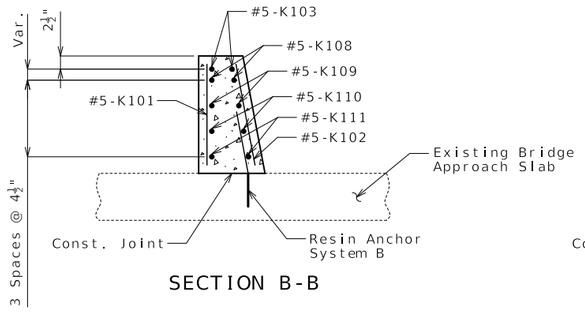
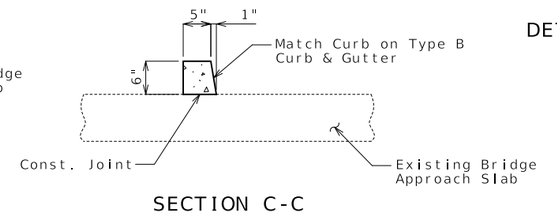


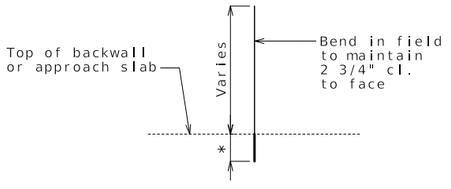
SECTION A-A



SECTION B-B



SECTION C-C



SYSTEM B
(78 req'd)

DETAILS OF RESIN ANCHOR SYSTEMS

* Manufacturer's recommended embedment length (5" minimum)

Notes:

Prior to placement of new barrier concrete on existing approach, the existing concrete shall be thoroughly cleaned of all dirt, debris, oil and other foreign matter for the width of the barrier plus 3 inches on each side by pressue washing, sand blasting or other approved methods. This work is considered completely covered by the contract unit price for Type D Barrier Transition.

Conventional forming shall be used. Slip forming not allowed.

All exposed edges of barrier transition shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the contract unit price for Type D Barrier Transition.

Concrete in barrier transition shall be Class B-1.

Measurement of barrier transition is to the nearest linear foot, measured along the outside face from end of transition to end of transition.

Concrete traffic barrier delineators shall be placed on top of the Type D Barrier Transition as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators on bridges with two lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Type D Barrier Transition.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Type D Barrier Transition.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5".

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8"Ø threaded rod.

DETAILS OF TYPE D BARRIER TRANSITION ON APPROACHES

Detailed Jan. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

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08/25/2025 12:57:35 PM
TYLER R. LINDSAY - CIVIL
MO-PE-2019000128

DATE PREPARED
8/25/2025

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
BR	4

COUNTY
JASPER

JOB NO.
JSR0314

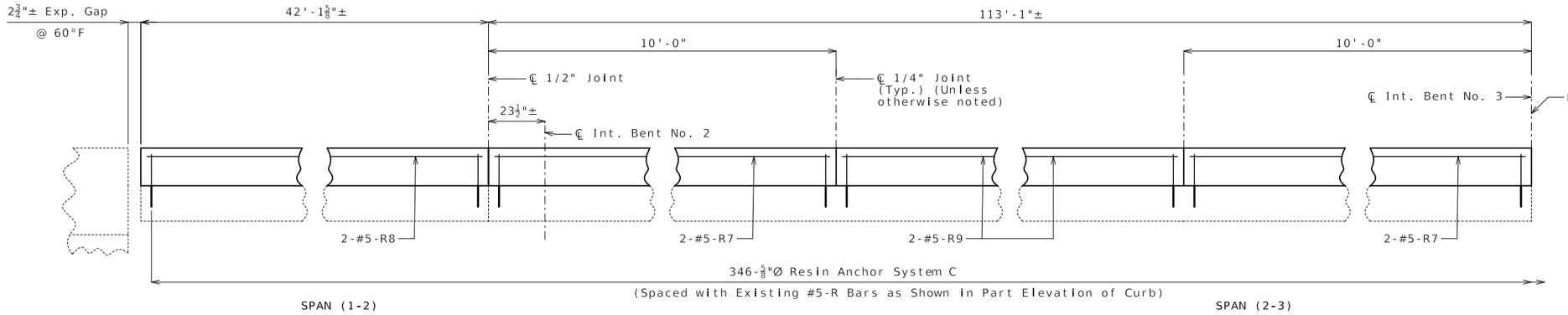
CONTRACT ID.

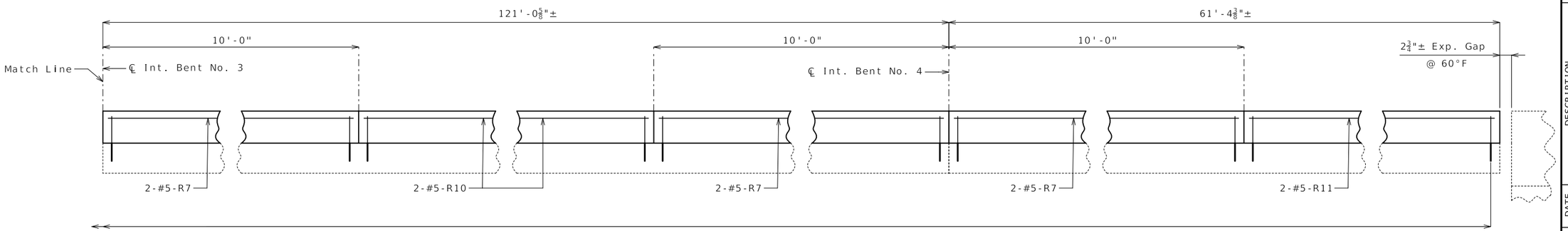
PROJECT NO.

BRIDGE NO.
A35611

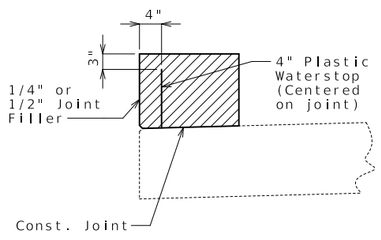
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

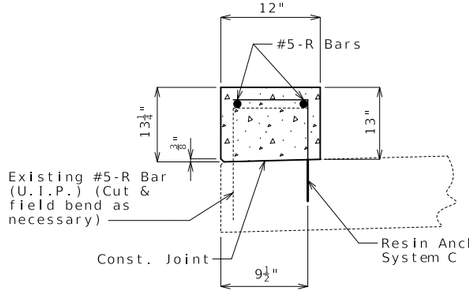




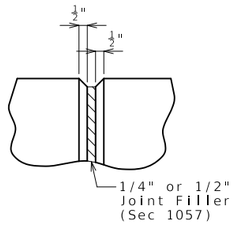
ELEVATION OF PEDESTRIAN CURB



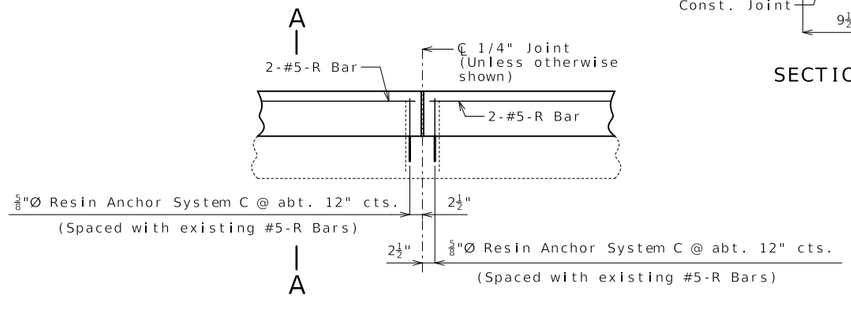
WATERSTOP DETAIL



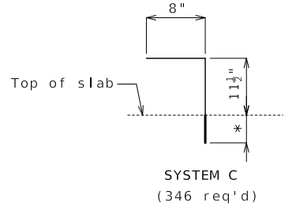
SECTION A-A



PART ELEVATION
AT FORMED JOINT



PART ELEVATION OF PEDESTRIAN CURB



DETAILS OF RESIN ANCHOR SYSTEMS

* Manufacturer's embedment
length (5" minimum)

Notes:

Prior to placement of new curb concrete on existing bridge deck, the existing concrete shall be thoroughly cleaned of all dirt, debris, oil and other foreign matter for the width of the curb plus 3 inches by pressure washing, sand blasting or other approved methods. This work is considered completely covered by the contract unit price for Pedestrian Curb.

Top of curb shall be built parallel to grade and curb joints normal to grade.

All exposed edges of curb shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Use a minimum lap of 3'-1" for #5 horizontal bars.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the contract unit price for Pedestrian Curb per linear foot.

Concrete in curb shall be Class B-1.

Measurement of curb is to the nearest linear foot, measured along the outside top of slab from end of slab to end of slab.

Joint sealant and backer rods shall be in accordance with Sec 717 for silicone joint sealant for formed joints.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Pedestrian Curb.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5".

An epoxy coated #5 Grade 50 reinforcing bar shall be substituted for the 5/8"Ø threaded rod.

For details of pedestrian chain link fence, see Sheets No. 6 & 7.

DETAILS OF PEDESTRIAN CURB

Detailed Jan. 2025
Checked Feb. 2025

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TYLER R. LINDSAY
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TYLER R. LINDSAY - CIVIL
MO-PE-2019000128

DATE PREPARED
8/25/2025

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
BR	5

COUNTY
JASPER

JOB NO.
JSR0314

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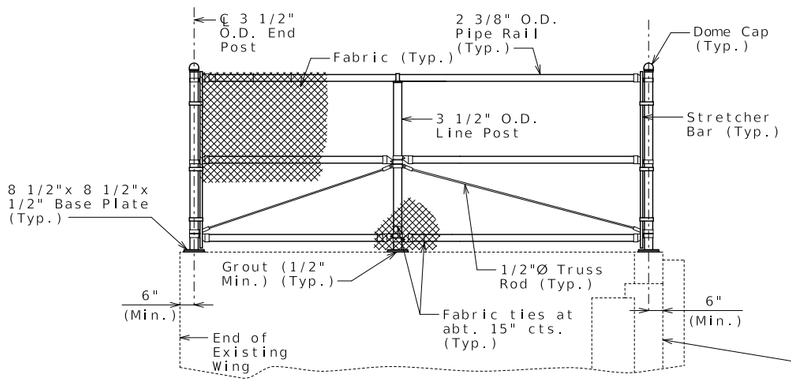
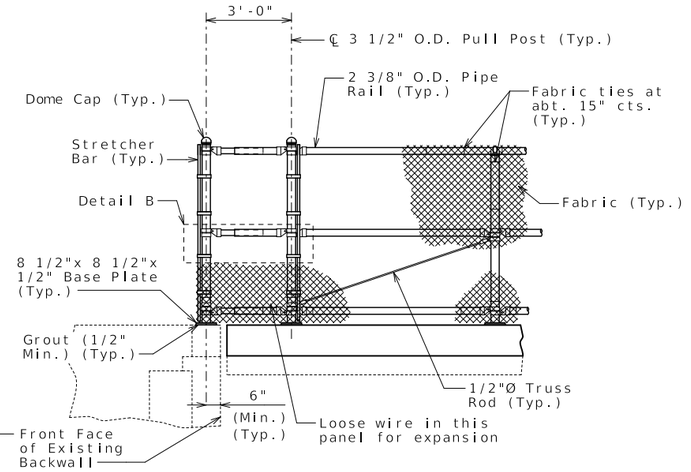
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



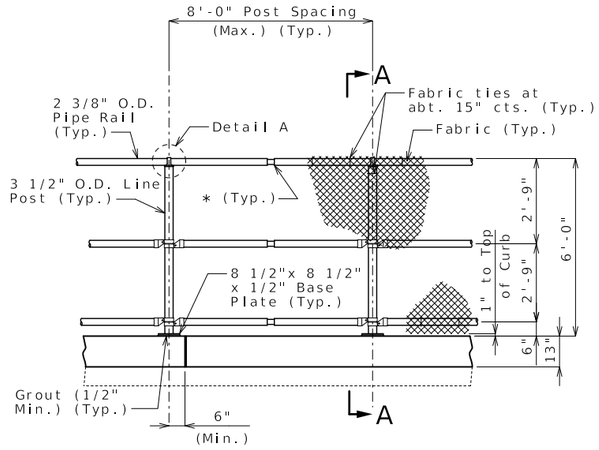
ELEVATION AT WING

(End Bent No. 1 shown, End Bent No. 5 similar)



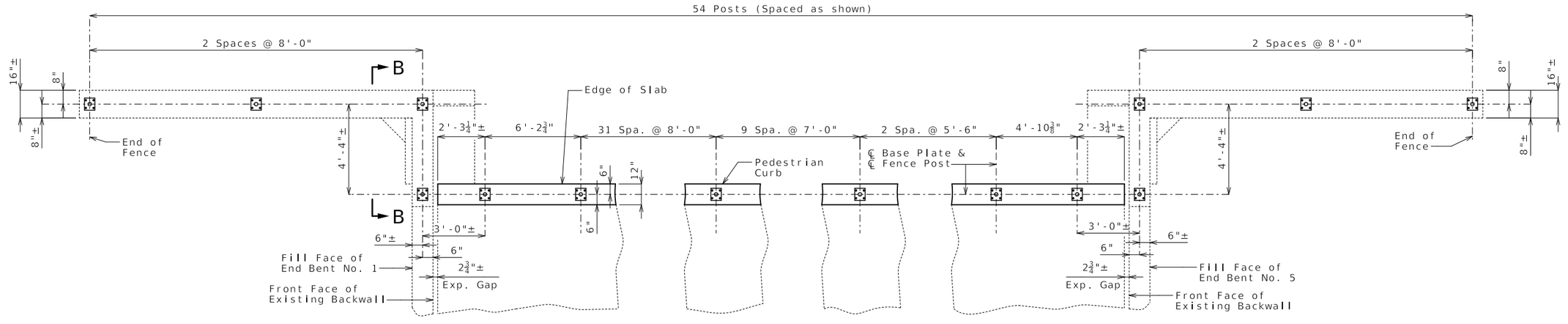
ELEVATION AT EXPANSION GAP

(End Bent No. 1 shown, End Bent No. 5 similar)



ELEVATION

* 3/8" Gap for splice at about 30'-0" centers with at least one splice gap between pull or end posts.



PART PLAN OF LEFT EDGE OF SLAB SHOWING PEDESTRIAN FENCE POST SPACING

GENERAL NOTES:

Pedestrian chain link fence shall be in accordance with Sec 1043 except all fabric shall have the top and bottom edges knuckled and pipe members shall be in accordance with ASTM F1043, high strength grade (minimum yield = 50 ksi) heavy industrial steel pipe Group 1A.

All posts shall be vertical. Grout shall be placed under the post base plates in accordance with Sec 1066.

Payment for furnishing, galvanizing and erecting the fence and frame complete in place will be considered completely covered by the contract unit price for (72 in.) Pedestrian Fence (Structures) per linear foot.

Dimensions of pedestrian chain link fence are measured horizontally.

The maximum spacing allowed between pull posts and end posts is 100 feet. Post brace and 1/2-inch diameter truss rod are required for panels adjacent to pull post and end posts only. Connect the lower end of truss rod to bottom of pull posts and end posts to which the stretcher bar is attached.

Rail clamps, dome cap, bands, tie wires, stretcher bars and truss rod connections shall be in accordance with the manufacturer's recommendations. The truss rod and truss rod connections shall have a minimum capacity of 2000 pounds. Dome cap shall fit tightly.

Expansion joints shall be placed in the horizontal pieces at not more than 30-foot centers and at all joint filler locations in the curb with a minimum gap of 3/8 inch at 60 degrees F.

Steel for truss rods shall be ASTM A709 Grade 36. Steel for base plates shall be ASTM A709 Grade 50.

(72 in.) Pedestrian Fence (Structures) will be measured to the nearest linear foot for each structure, measured along the centerline fence from end of fence to end of fence.

Contractor shall submit complete detailed shop drawings in accordance with Sec 1080.

Chain link wire fabric shall be 9 gage minimum, 2-inch diamond mesh.

For details of pedestrian curb, see Sheet No. 5.

The chain link fence shall be built in accordance with Sec 607 & Sec 1043.

Work this sheet with Sheet No. 7.

PEDESTRIAN CHAIN LINK FENCE ON PEDESTRIAN CURB

Detailed May 2025
Checked May 2025

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
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PROFESSIONAL ENGINEER
08/25/2025 12:58:10 PM
TYLER R. LINDSAY - CIVIL
MO-PE-2019000128

DATE PREPARED 8/25/2025

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
BR	6

COUNTY JASPER

JOB NO. JSR0314

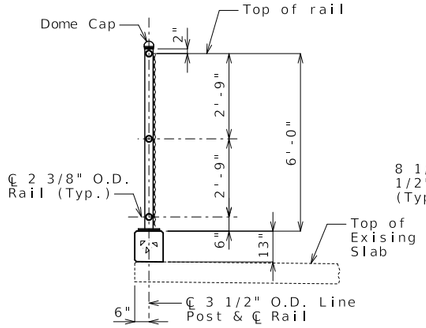
CONTRACT ID.

PROJECT NO.

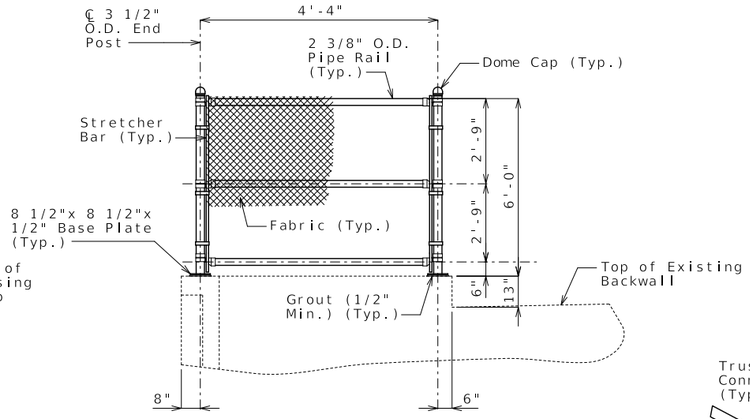
BRIDGE NO. A35611

DESCRIPTION	DATE

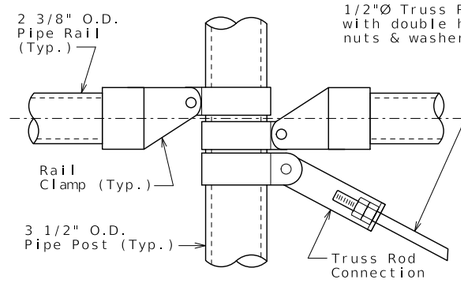
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



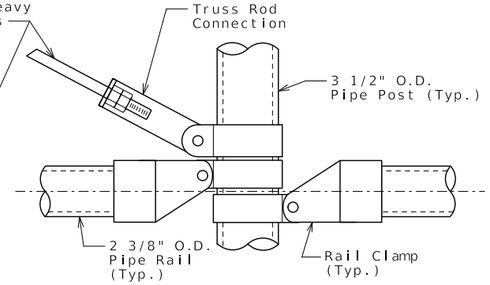
SECTION A-A



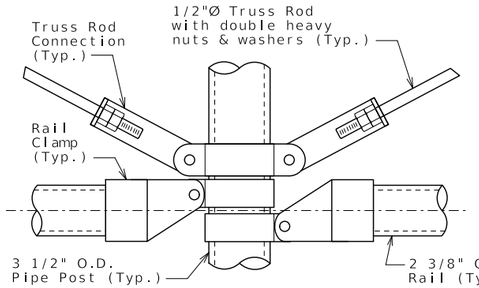
SECTION B-B



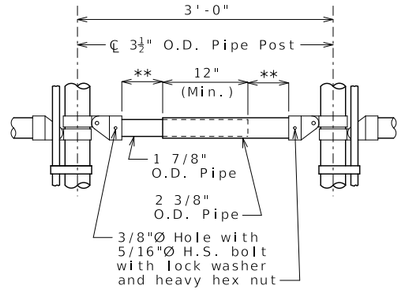
UPPER TRUSS ROD CONNECTION DETAIL



LOWER TRUSS ROD CONNECTION DETAIL

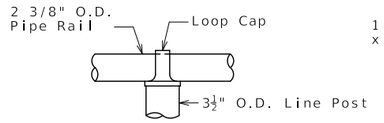


DUAL LOWER TRUSS ROD CONNECTION DETAIL

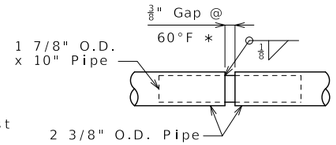


DETAIL B

** 3" min. gap at 60°F

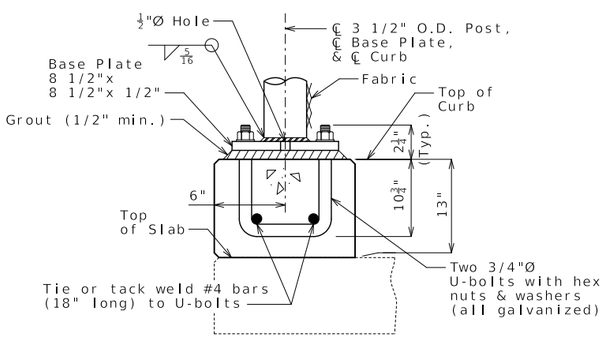


DETAIL A

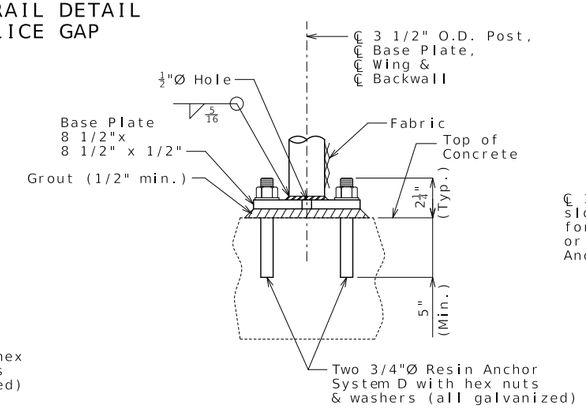


TYPICAL RAIL DETAIL AT SPLICE GAP

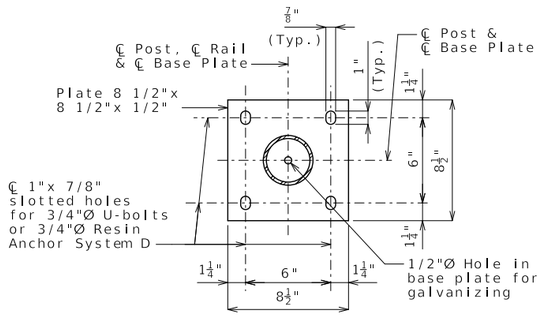
Note: At the contractor's option, manufacturer-approved expansion coupling may be used in lieu of detail shown. No additional payment will be made for this substitution.



POST CONNECTION (TYPICAL) ALONG PEDESTRIAN CURB



POST CONNECTION (TYPICAL) ALONG TOP OF WING & BACKWALL



PLAN OF BASE PLATE

Note: Base plate shall be welded to the post prior to galvanizing the post with base plate.

GENERAL NOTES:

All base plates, U-bolts, hex nuts and washers shall be galvanized in accordance with ASTM A123 and Sec 1081.

U-bolts shall be ASTM F1554 Grade 36.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for (72 in.) Pedestrian Fence (Structures).

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor system shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039, but shall not be less than 5".

For details of pedestrian curb, see Sheet No. 5.

Work this sheet with Sheet No. 6.

PEDESTRIAN CHAIN LINK FENCE ON PEDESTRIAN CURB

Detailed May 2025
Checked May 2025

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TYLER R. LINDSAY
NUMBER PE-2019000128
PROFESSIONAL ENGINEER
08/25/2025 12:58:24 PM
TYLER R. LINDSAY - CIVIL
MO-PE-2019000128

DATE PREPARED
8/25/2025

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
BR	7

COUNTY
JASPER

JOB NO.
JSR0314

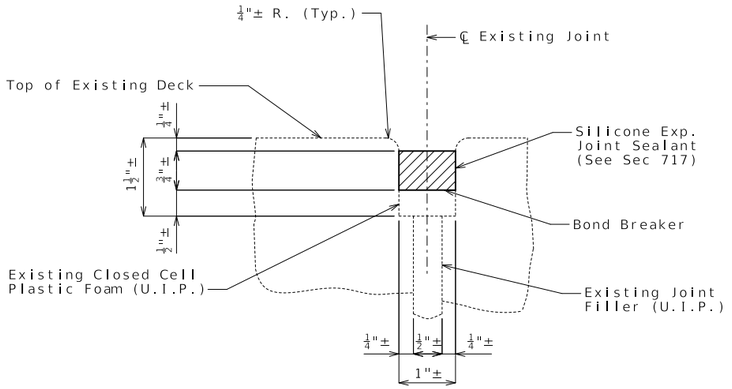
CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A35611

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



SECTION THRU JOINT
NEAR INT. BENT NO. 2

Note:

The contractor shall ensure the lower foam is not damaged during removal of existing sealant and placement of new bond breaker and sealant.

General Notes:

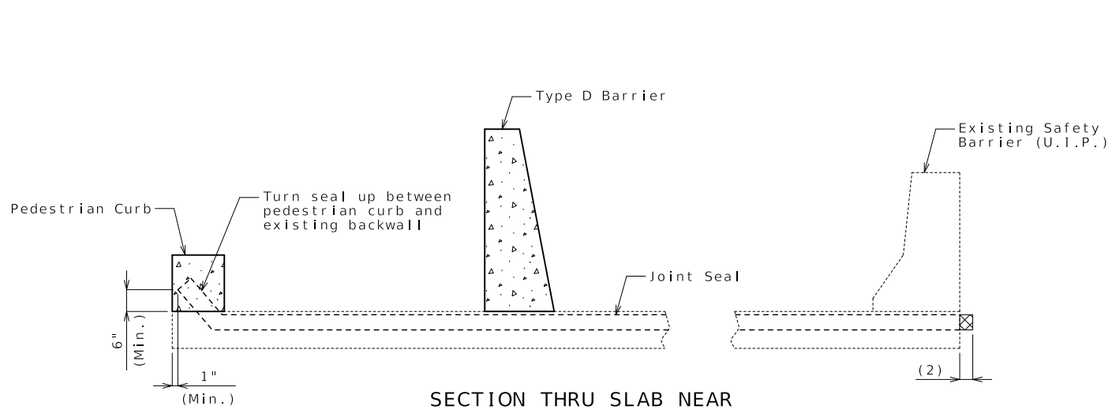
Open cell foam joint seal size (width and depth) shall be determined by the manufacturer. Manufacturer recommended seal size shall meet the movement and installation gap requirements and skew effect.

The open cell foam joint seal shall be installed according to the manufacturer's recommendations.

The installation temperature shall be taken as the actual air temperature averaged over the 24-hour period immediately preceding installation.

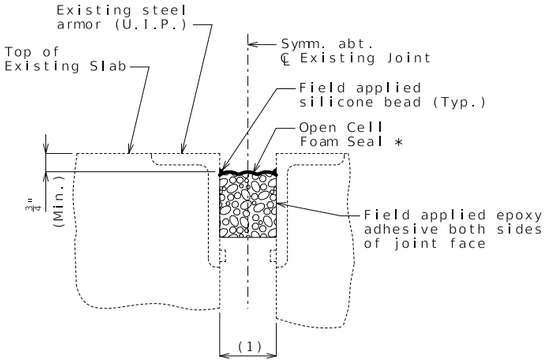
(1) Allowed installation gap (±) normal to joint at roadway surface (see table)

(2) Extend seal 3-inch past edge of slab.



SECTION THRU SLAB NEAR
END BENTS NO. 1 & 5
SHOWING JOINT SEAL ENDS

Note: Existing joint armor not shown for clarity (U.I.P).



SECTION THRU JOINT
AT END BENTS NO. 1 & 5

SKEW = 0°

* Manufacturer's recommended size

Location	Movement Parallel to Rdwy	Movement Normal to Joint	Min. Jt. Width (Normal to Joint)	Max. Jt. Width (Normal to Joint)	(1) Allowed Installation Gap (±) Normal to Joint at Roadway Surface at Air/Surface Temperature				Manufacturer	Seal Name
					@ 40°F	@ 50°F	@ 60°F	@ 70°F		
End Bent No. 1	1.81"	1.81"	2.03"	3.84"	3"	2⅞"	2¾"	2⅝"		
End Bent No. 5	2.13"	2.13"	1.90"	4.03"	3 1/16"	2⅞"	2¾"	2⅝"		

MoDOT construction personnel will record the manufacturer and seal name that was used.

JOINT DETAILS

Detailed Jan. 2025
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MO-PE-2019000128

DATE PREPARED: 8/25/2025
ROUTE: I-49 | STATE: MO
DISTRICT: BR | SHEET NO.: 8
COUNTY: JASPER
JOB NO.: JSR0314
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A35611

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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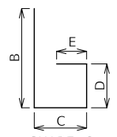
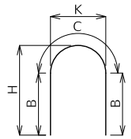


SHAPE 6
or 6S



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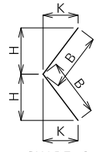

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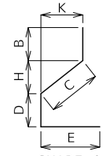

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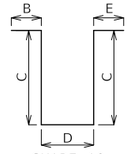
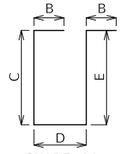
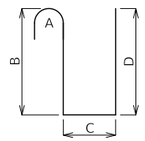


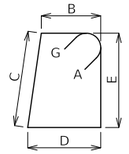
SHAPE 10
or 10S



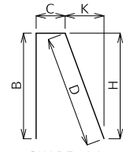
SHAPE 11
or 11S



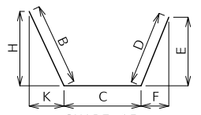
SHAPE 12



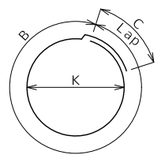
SHAPE 13S



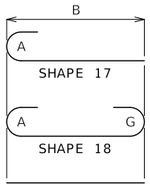
SHAPE 14
or 14S



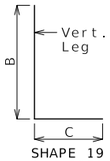
SHAPE 15
or 15S



SHAPE 16



SHAPE 17
SHAPE 18
SHAPE 20



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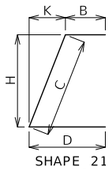
or 19S



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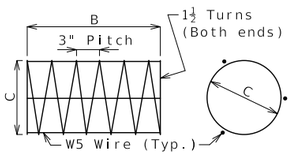

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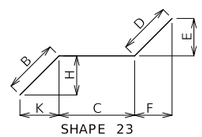

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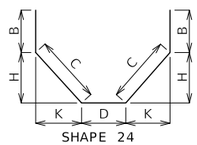
or 23S



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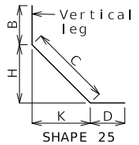
or 24S



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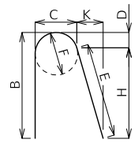
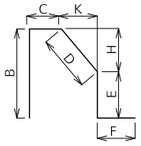
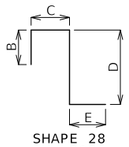
or 25S



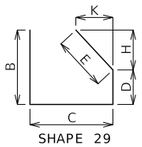
SHAPE 26



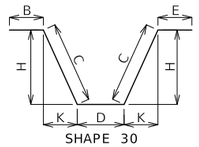
SHAPE 27S



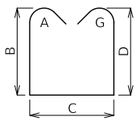
SHAPE 28
or 28S



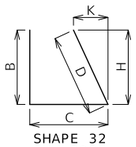
SHAPE 29
or 29S



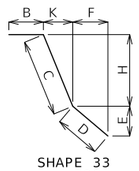
SHAPE 30
or 30S



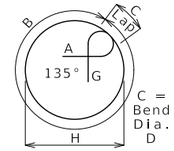
SHAPE 31S



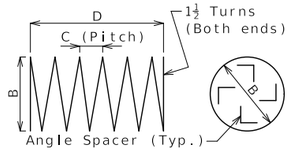
SHAPE 32
or 32S



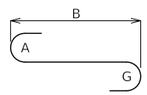
SHAPE 33
or 33S



SHAPE 34S



SHAPE 35 (1)

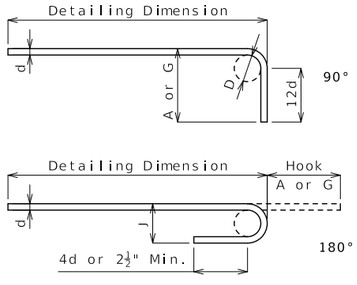


SHAPE 36

Finished Bend Diameters D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G		J
			90°	180°	180°
#4	1	3"	8"	6"	4"
#5	1	3¾"	10"	7"	5"
#6	1	4½"	12"	8¼"	6"
#7	2	5¼"	14"	9¾"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¾"	28½"

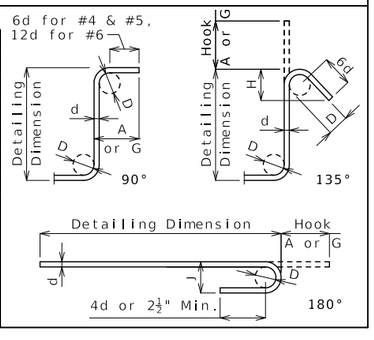


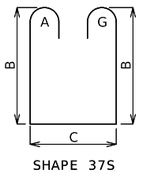
Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G			H	J
			90°	135°	180°	135°	180°
#4	2	2"	4½"	4½"	5"	2⅝"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6½"	7"	3⅞"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

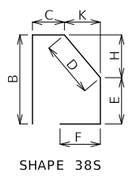
Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.





SHAPE 37S



SHAPE 38S

BENDING DIAGRAMS

All dimensions are out to out.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

(1) Shall be a deformed or plain spiral bar or wire.

Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Reinforcing Steel Totals (Pounds)

		Substructure		Superstructure				Entire Bridge	
	Size	Plain	Epoxy	Slab	Barrier	Curb	Slip Form	Plain	Epoxy
By Size	W5	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	6,806	713	350	0	7,869
	6	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0
	14	0	0	0	0	0	0	0	0
	18	0	0	0	0	0	0	0	0
By Type		0	0	0	6,806	713	350	0	7,869

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

STATE OF MISSOURI
TYLER R. LINDSAY
NUMBER PE-2019000128
PROFESSIONAL ENGINEER
08/25/2025 12:58:55 PM
TYLER R LINDSAY - CIVIL
MO-PE-2019000128

DATE PREPARED
8/25/2025

ROUTE	STATE
I-49	MO
DISTRICT	SHEET NO.
BR	9

COUNTY
JASPER

JOB NO.
JSR0314

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A35611

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BENDING DIAGRAMS AND REINFORCING STEEL TOTALS

Detailed May 2025
Checked May 2025

Note: This drawing is not to scale. Follow dimensions.

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes C	SH	V	Dimensions B ft in.	C ft in.	D ft in.	E ft in.	F ft in.	H ft in.	K ft in.	Nom. Length ft in.	Actual Length ft in.	Weight lb
		Barrier													
		Type D													
78	5 K101	BARRIER	E	20	2	3 2.00							3 2	3 2	
		Incr. = 0.875"				6.00							6	6	149
78	5 K102	BARRIER	E	20	2	3 3.00							3 3	3 3	
		Incr. = 0.875"				6.00							6	6	153
4	5 K103	BARRIER	E	20		20 4.00							20 4	20 4	85
4	5 K104	BARRIER	E	20		3 4.00							3 4	3 4	14
4	5 K105	BARRIER	E	20		5 11.00							5 11	5 11	25
4	5 K106	BARRIER	E	20		8 7.00							8 7	8 7	36
4	5 K107	BARRIER	E	20		11 2.00							11 2	11 2	47
4	5 K108	BARRIER	E	20		13 10.00							13 10	13 10	58
4	5 K109	BARRIER	E	20		16 5.00							16 5	16 5	68
4	5 K110	BARRIER	E	20		19 1.00							19 1	19 1	80
4	5 K111	BARRIER	E	20		20 9.00							20 9	20 9	87
347	5 R1	BARRIER	E	26		3 3.00	5.50	2.25	3 1.25	5.50	3 0.75	6.75	7	6 9	2,443
60	5 R2	BARRIER	E	20		11 9.00							11 9	11 9	735
10	5 R3	BARRIER	E	20		29 10.00							29 10	29 10	311
20	5 R4	BARRIER	E	20		46 0.00							46 0	46 0	960
20	5 R5	BARRIER	E	20		50 0.00							50 0	50 0	1,043
10	5 R6	BARRIER	E	20		49 1.00							49 1	49 1	512
		Curb													
10	5 R7	CURB	E	20		9 9.00							9 9	9 9	102
2	5 R8	CURB	E	20		41 10.00							41 10	41 10	87
4	5 R9	CURB	E	20		48 0.00							48 0	48 0	200
4	5 R10	CURB	E	20		52 0.00							52 0	52 0	217
2	5 R11	CURB	E	20		51 1.00							51 1	51 1	107
		Slip-Form													
28	5 C1	SLIP FORM	E	20		12 0.00							12	12	350

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes C	SH	V	Dimensions B ft in.	C ft in.	D ft in.	E ft in.	F ft in.	H ft in.	K ft in.	Nom. Length ft in.	Actual Length ft in.	Weight lb

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

For bending diagrams and steel reinforcing totals, see Sheet No. 9.

All bars shall be Grade 60.

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

Detailed May 2025
Checked May 2025

BILL OF REINFORCING STEEL

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
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08/25/2025 12:59:22 PM
TYLER R. LINDSAY - CIVIL
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