MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

NEWTON COUNTY



KEY MAP
LOCATION OF NEWTON COUNTY

DESIGN DESIGNATION

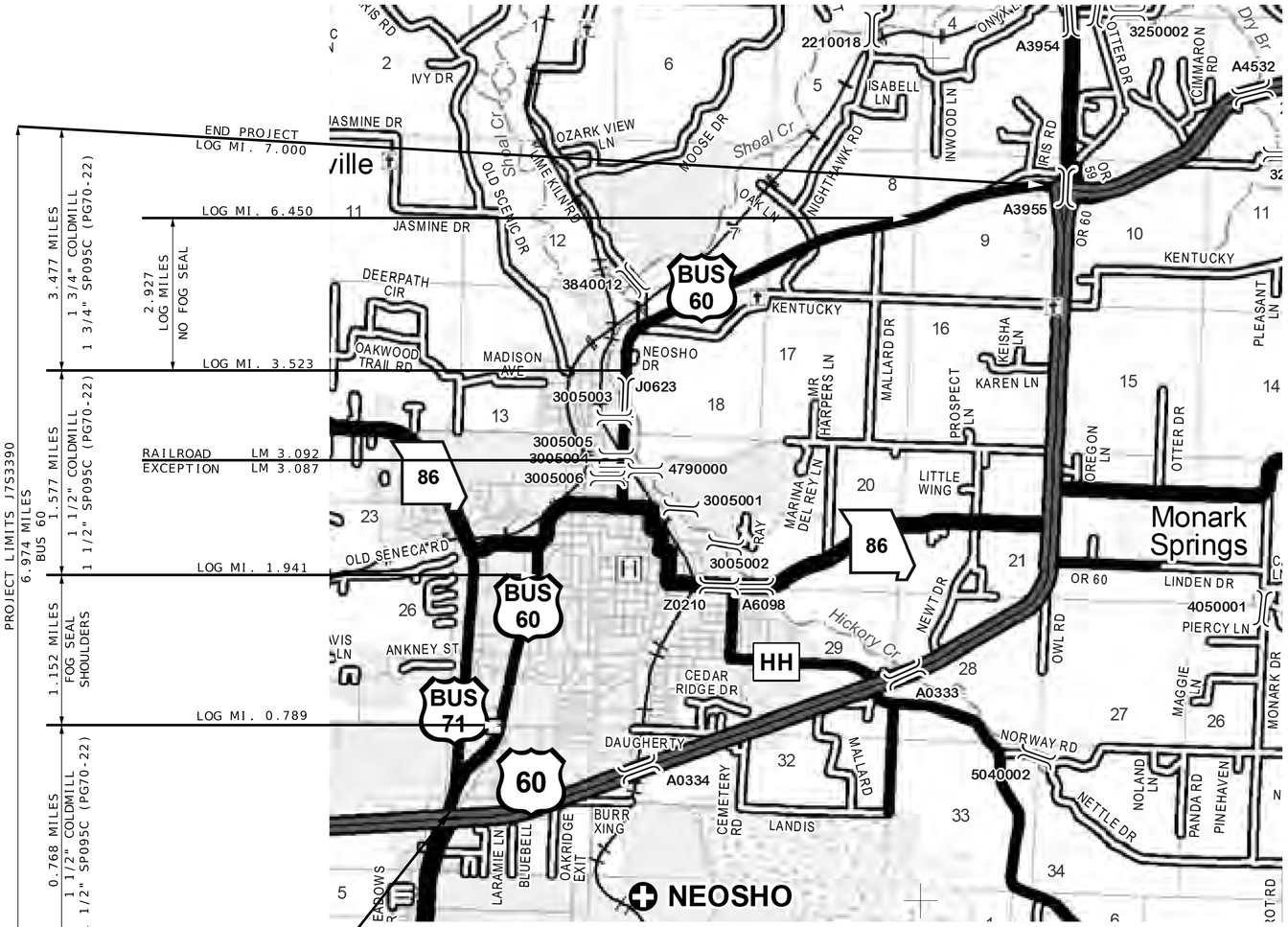
A.A.D.T. - 2027 = 11,275
A.A.D.T. - 2047 = 12,458
D.H.V. = 9%
T = 4%
V = 30,35,45,55 M.P.H.
D = 49%/51%
FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

NO NEW RIGHT OF WAY REQUIRED

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



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
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TRAFFIC CONTROL SHEETS (TC)	13-32
EROSION CONTROL SHEETS (EC)	33-35
PAVEMENT MARKING (PM)	36
BRIDGE DRAWINGS (B)	
J0623	1

LENGTH OF PROJECT

BUS 60

BEGINNING OF PROJECT	LOG MILE 0.021
END OF PROJECT	LOG MILE 7.000
APPARENT LENGTH	36849.12 FEET
EQUATIONS AND EXCEPTIONS:	
RAILROAD LOG MILE 3.087 LOG MILE 3.092	26.40 FEET
TOTAL CORRECTIONS	26.40 FEET
NET LENGTH OF PROJECT	36822.72 FEET
STATE LENGTH	6.974 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.0 ACRES

Jonathan Peitz 2026.08.06 12:46:08-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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

NOTES:
EXISTING TYPICALS ARE FOR INFORMATION ONLY.
PAVEMENT LAYERS MAY VARY FROM TYPICALS.
LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
CONTRACTOR SHALL ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

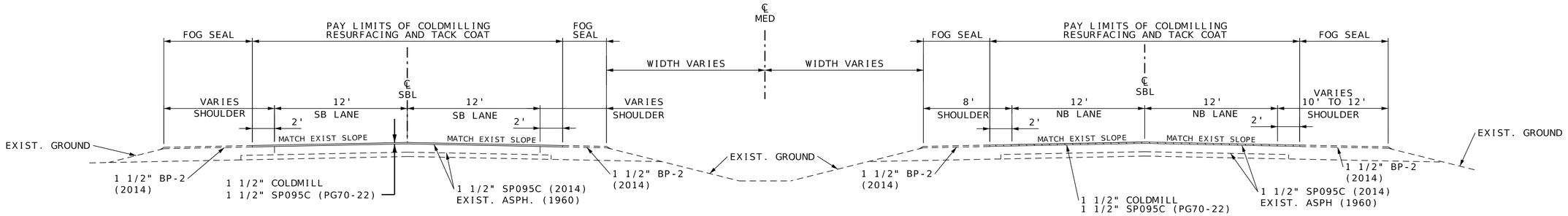
NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

LOG MILE LOCATIONS APPROXIMATE. ADJUST AS DIRECTED BY ENGINEER TO FIT FIELD CONDITIONS.

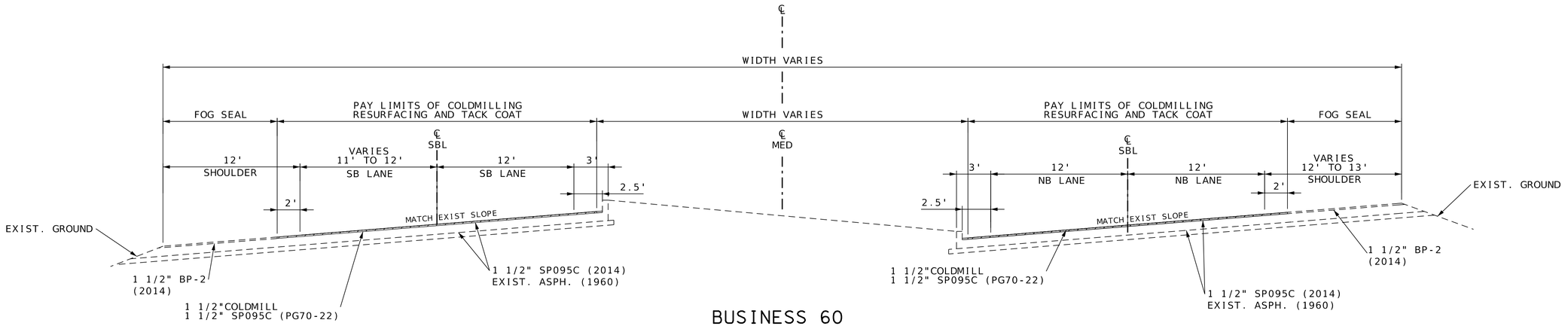
SURFACE PLACEMENT - ONE PASS PER LANE.

NO S.E. CORRECTION.

ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SP095C (PG70-22)	1.960 TONS/CY	5.8
PMBP (BASE)	1.943 TONS/CY	
TACK COAT		
MILLING		0.10 GAL/SY
FOG SEAL		
SHOULDERS		0.10 GAL/SY UNDILUTED
IRREGULARITIES: 75 TONS/MI		



BUSINESS 60/BUSINESS LOOP 49
SOUTHBOUND LANE LOG MILE 0.021 TO 0.516
NORTHBOUND LANE LOG MILE 0.027 TO 0.516



BUSINESS 60
LOG MILE 0.516 TO 0.637

NOT TO SCALE

TYPICAL SECTION
SHEET 1 OF 14

Jonathan Peitz 2026.08.10 14:06:08 -05'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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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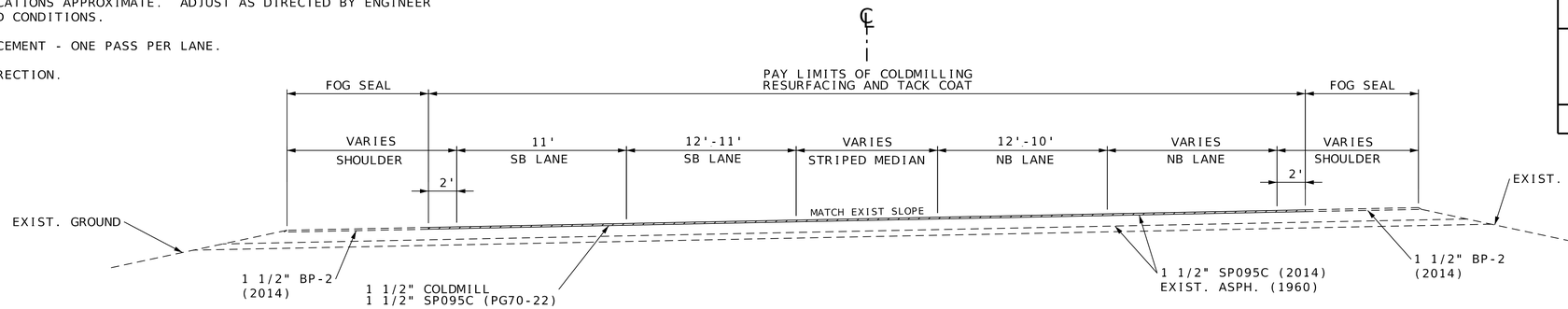
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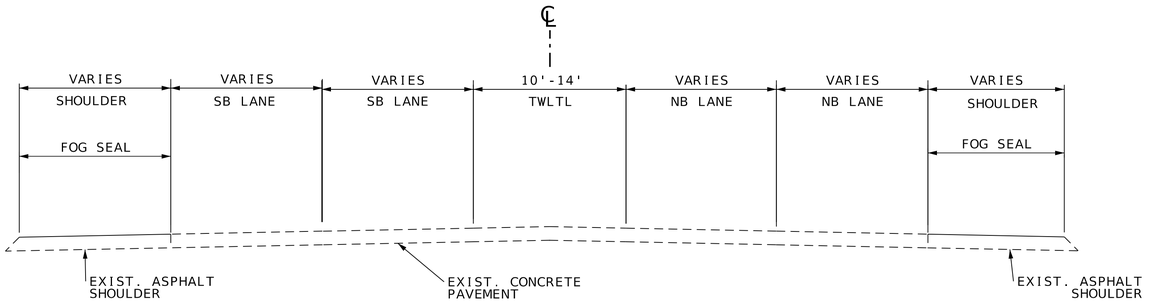
SURFACE PLACEMENT - ONE PASS PER LANE.

NO S.E. CORRECTION.

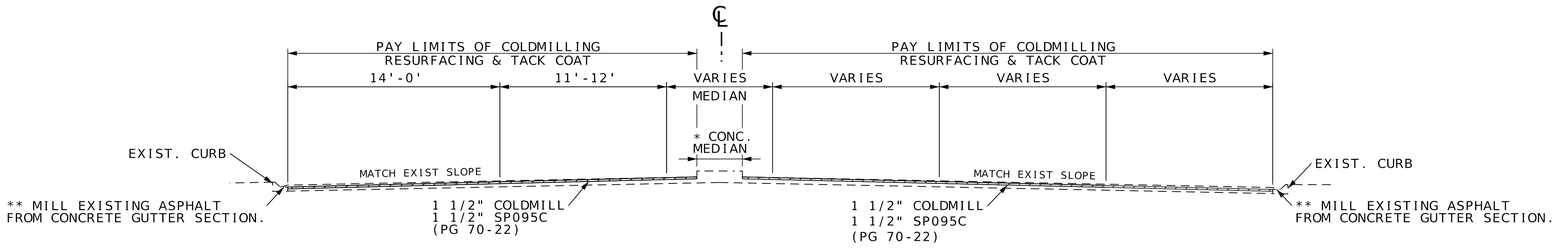
ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SP095C (PG70-22)	1.960 TONS/CY	5.8
PMBP (BASE)	1.943 TONS/CY	
TACK COAT		
MILLING	0.10 GAL/SY	
FOG SEAL		
SHOULDERS	0.10 GAL/SY UNDILUTED	
IRREGULARITIES: 75 TONS/MI		



BUSINESS 60
LOG MILE 0.637 TO 0.789



BUSINESS 60
LOG MILE 0.789 TO 1.941



BUSINESS 60
LOG MILE 1.941 TO 2.029

✳ CONCRETE MEDIAN, LOG MILE 1.976 TO 2.018
✳✳ NEW PAVEMENT SURFACE SHALL MATCH THE ELEVATION OF THE EDGE OF CURB AND GUTTER SECTION. NO NEW PAVEMENT SHALL BE PLACED IN THE GUTTER. COLDMILLING UP TO 3" MAY BE REQUIRED AT THE EDGE OF ROADWAY TO COMPLY WITH THESE REQUIREMENTS.

NOT TO SCALE

TYPICAL SECTION
SHEET 2 OF 14

Jonathan Peitz
2026.08.24 13:49:35 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/24/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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:\2023\00001-00500\023-00372\40-Design\Microstation\J7S3390\plan_sheets\2 Typicals\002_TS_02_J7S3390_I5.dgn 3:49:10 PM 8/24/2026

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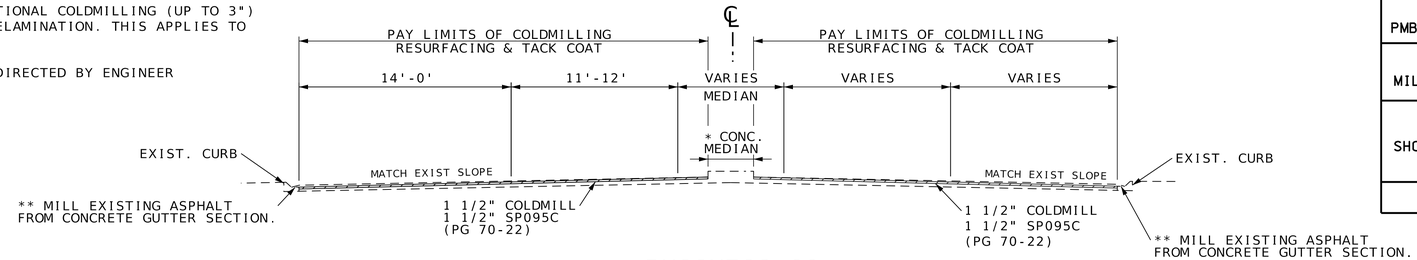
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LOG MILE LOCATIONS APPROXIMATE. ADJUST AS DIRECTED BY ENGINEER TO FIT FIELD CONDITIONS.

SURFACE PLACEMENT - ONE PASS PER LANE.

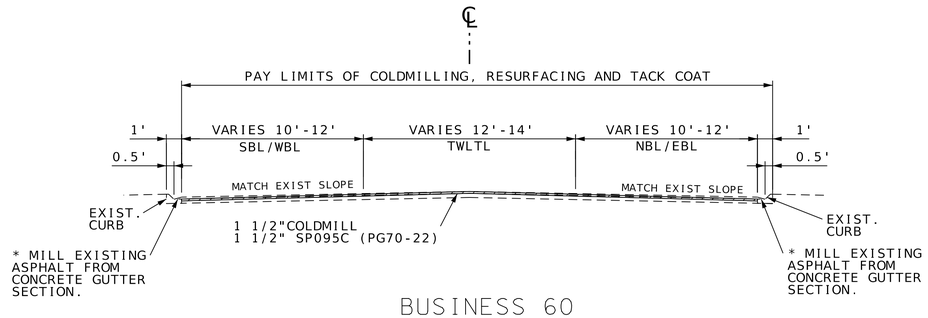
NO S.E. CORRECTION.

ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SP095C (PG70-22)	1.960 TONS/CY	5.8
PMBP (BASE)	1.943 TONS/CY	
TACK COAT		
MILLING	0.10 GAL/SY	
FOG SEAL		
SHOULDERS	0.10 GAL/SY UNDILUTED	
IRREGULARITIES: 75 TONS/MI		



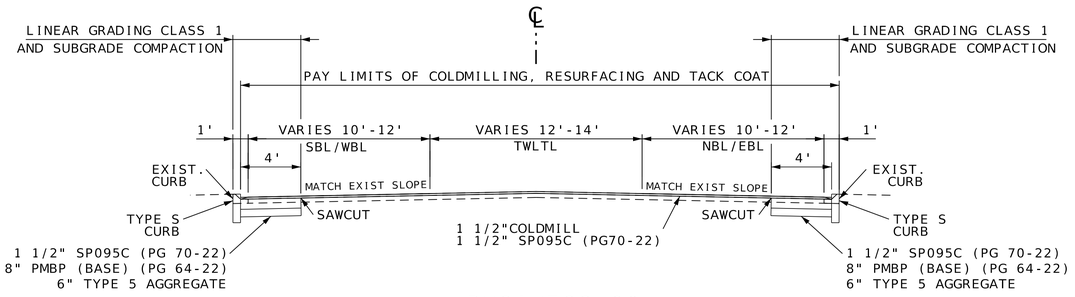
BUSINESS 60
LOG MILE 2.029 TO 2.088

* CONCRETE MEDIAN, LOG MILE 2.037 TO 2.056
** NEW PAVEMENT SURFACE SHALL MATCH THE ELEVATION OF THE EDGE OF CURB AND GUTTER SECTION. NO NEW PAVEMENT SHALL BE PLACED IN THE GUTTER. COLDMILLING UP TO 3" MAY BE REQUIRED AT THE EDGE OF ROADWAY TO COMPLY WITH THESE REQUIREMENTS.

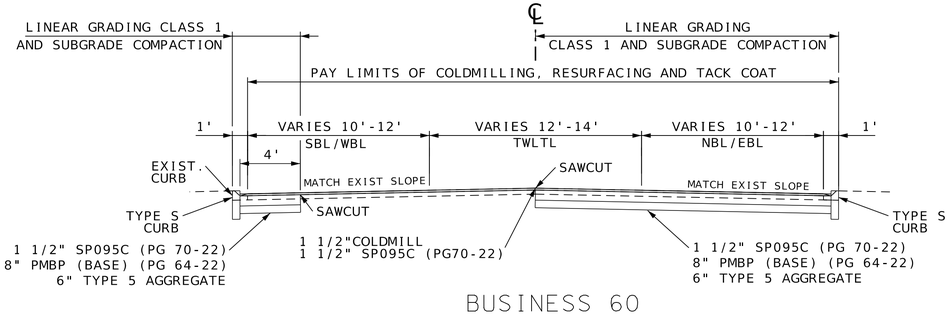


BUSINESS 60
LOG MILE 2.088 TO 2.420

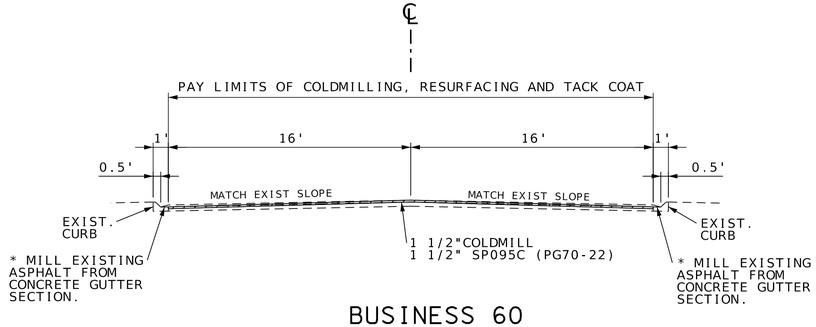
* NEW PAVEMENT SURFACE SHALL MATCH THE ELEVATION OF THE EDGE OF CURB AND GUTTER SECTION. NO NEW PAVEMENT SHALL BE PLACED IN THE GUTTER. COLDMILLING UP TO 3" MAY BE REQUIRED AT THE EDGE OF ROADWAY TO COMPLY WITH THESE REQUIREMENTS.



BUSINESS 60
LOG MILE 2.420 TO 2.587
LOG MILE 2.626 TO 2.750



BUSINESS 60
LOG MILE 2.587 TO 2.626



BUSINESS 60
LOG MILE 2.750 TO 3.062

* NEW PAVEMENT SURFACE SHALL MATCH THE ELEVATION OF THE EDGE OF CURB AND GUTTER SECTION. NO NEW PAVEMENT SHALL BE PLACED IN THE GUTTER. COLDMILLING UP TO 3" MAY BE REQUIRED AT THE EDGE OF ROADWAY TO COMPLY WITH THESE REQUIREMENTS.

NOT TO SCALE

TYPICAL SECTION
SHEET 3 OF 14

Jonathan Peitz
2026.08.24 10:49:15 -05'00'
STATE OF MISSOURI
JONATHAN W. PEITZ NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED 8/24/2026
ROUTE BUS 60 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY NEWTON
JOB NO. J7S3390
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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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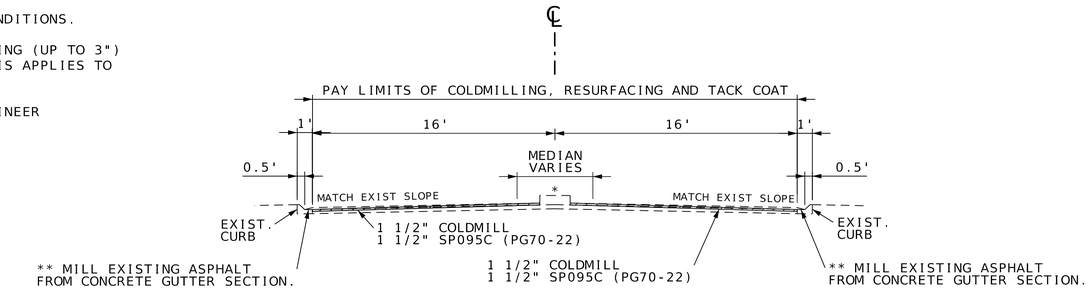
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LOG MILE LOCATIONS APPROXIMATE. ADJUST AS DIRECTED BY ENGINEER TO FIT FIELD CONDITIONS.

SURFACE PLACEMENT - ONE PASS PER LANE.

NO S.E. CORRECTION.

ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SP095C (PG70-22)	1.960 TONS/CY	5.8
PMBP (BASE)	1.943 TONS/CY	
TACK COAT		
MILLING	0.10 GAL/SY	
FOG SEAL		
SHOULDERS	0.10 GAL/SY UNDILUTED	
IRREGULARITIES: 75 TONS/MI		

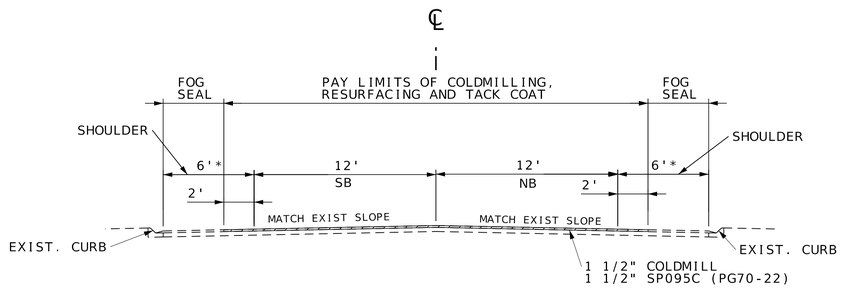


BUSINESS 60

LOG MILE 3.062 TO 3.118

✱ 2' CONCRETE MEDIAN LOG MILE 3.062 TO 3.084 AND 3.094 TO 3.118
NOTE: LOG MILE 3.087 TO LOG MILE 3.092 RAILROAD CROSSING, NO MILL AND OVERLAY

✱✱ NEW PAVEMENT SURFACE SHALL MATCH THE ELEVATION OF THE EDGE OF CURB AND GUTTER SECTION. NO NEW PAVEMENT SHALL BE PLACED IN THE GUTTER. COLDMILLING UP TO 3" MAY BE REQUIRED AT THE EDGE OF ROADWAY TO COMPLY WITH THESE REQUIREMENTS.

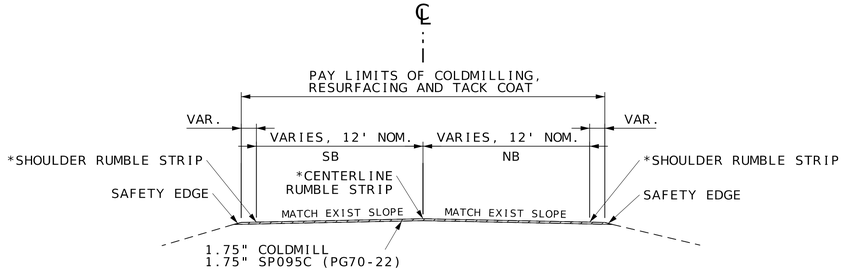


BUSINESS 60

LOG MILE 3.118 TO 3.523

✱ SHOULDER VARIES LOG MILE 3.449 TO 3.502
1 1/2" SP095C (PG70-22) OVERLAY ON 22' WIDE BRIDGE, LOG MILE 3.502 TO 3.523, NO COLDMILLING

NOTE:
SEE TYPICAL SECTION SHEET 6 OF 14 FOR COLDMILLING DEPTH TRANSITION DETAILS AT BRIDGE J0623.



BUSINESS 60

LOG MILE 3.523 TO 6.467

✱ RUMBLE STRIPS, LOG MILE 4.118 TO 6.467

NOT TO SCALE

TYPICAL SECTION
SHEET 4 OF 14

Jonathan Peitz
2026.08.24 10:49:15 -05'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/24/2026
ROUTE: BUS 60
STATE: MO
DISTRICT: SW
SHEET NO.: 2
COUNTY: NEWTON
JOB NO.: J7S3390
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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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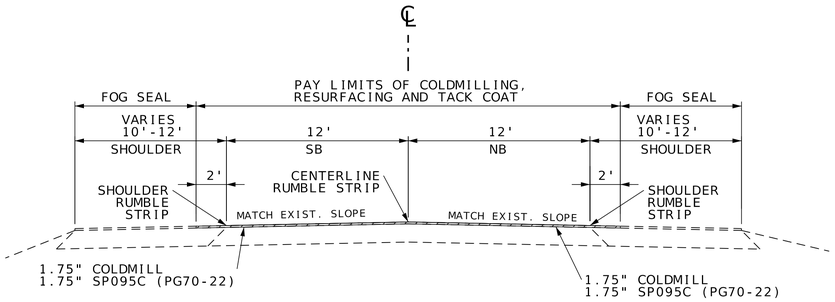
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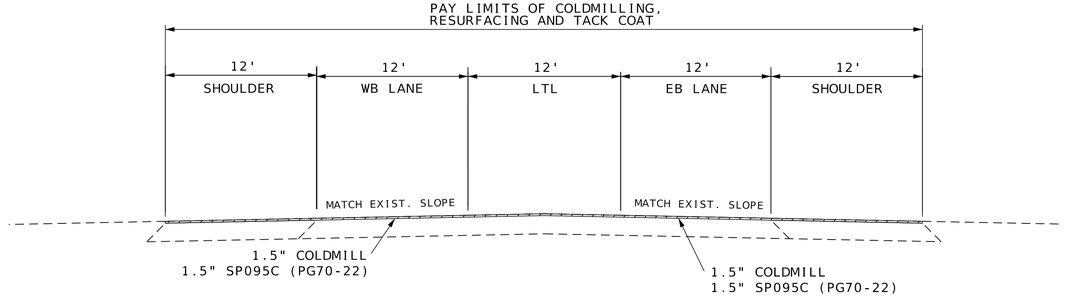
SURFACE PLACEMENT - ONE PASS PER LANE.

NO S.E. CORRECTION.

ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SP095C (PG70-22)	1.960 TONS/CY	5.8
PMBP (BASE)	1.943 TONS/CY	
TACK COAT		
MILLING	0.10 GAL/SY	
FOG SEAL		
SHOULDERS	0.10 GAL/SY UNDILUTED	
IRREGULARITIES: 75 TONS/MI		



BUSINESS 60
LOG MILE 6.467 TO 7.000



LUSK DRIVE
LOG MILE 0.801 TO 0.829

NOT TO SCALE

TYPICAL SECTION
SHEET 5 OF 14

Jonathan Peitz 2026.08.10 14:46:08-05'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 8/10/2026
ROUTE: BUS 60 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: NEWTON
JOB NO.: J7S3390
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

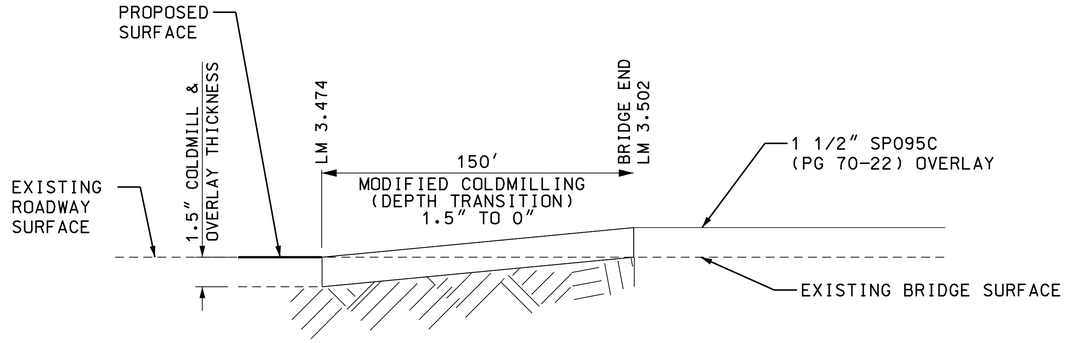
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

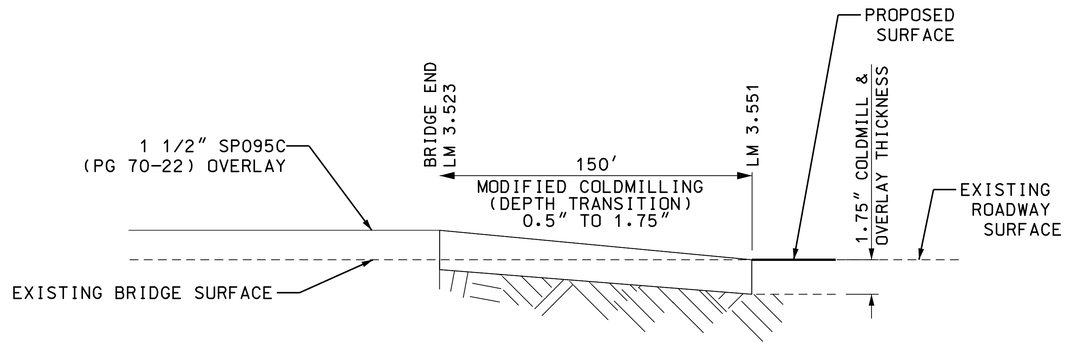
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

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COLDMILL AND OVERLAY - SOUTH SIDE OF BRIDGE
AT BRIDGE J0623



COLDMILL AND OVERLAY - NORTH SIDE OF BRIDGE
AT BRIDGE J0623

NOT TO SCALE

TYPICAL SECTION
SHEET 6 OF 14

JONATHAN W. PEITZ - CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

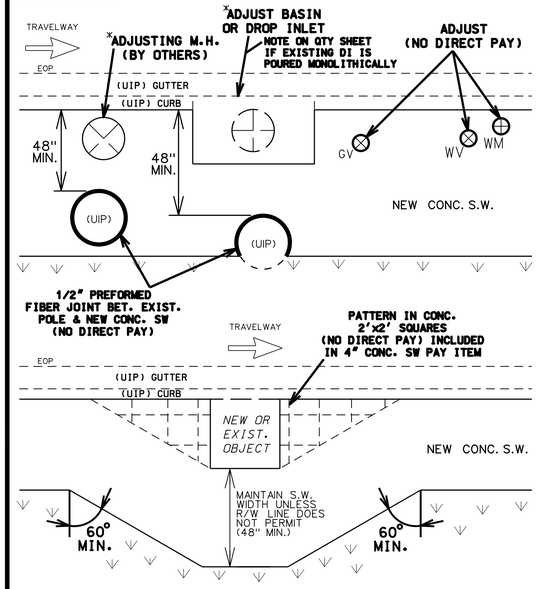
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

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

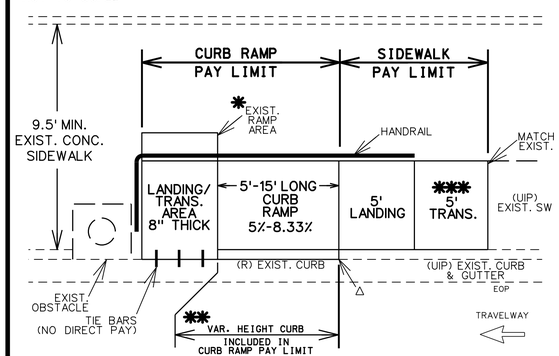


UTILITIES OR VARIOUS OBSTACLES

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)

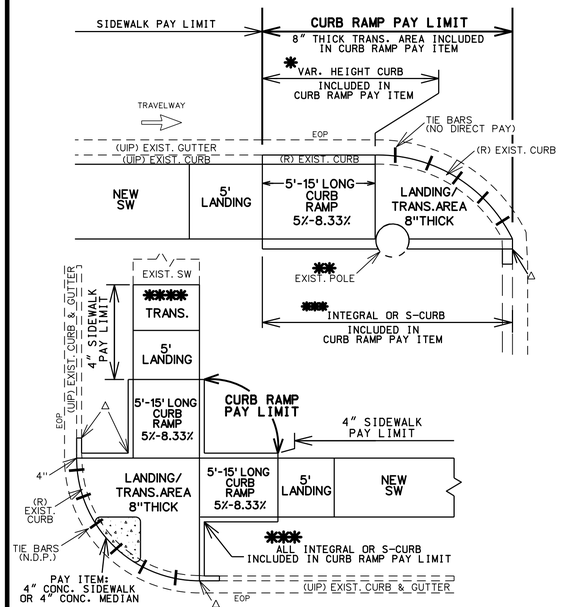
** VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS.

*** 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



△ 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.

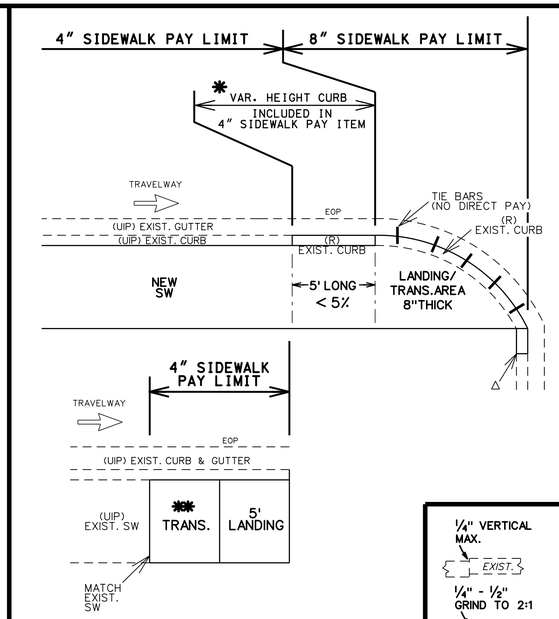
*** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

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

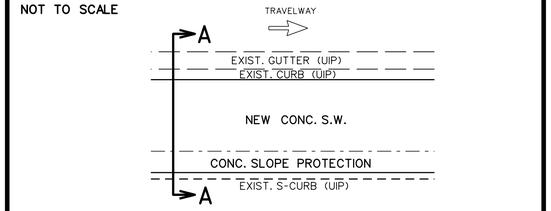


OVER 3/4" REPLACE PANEL(S)

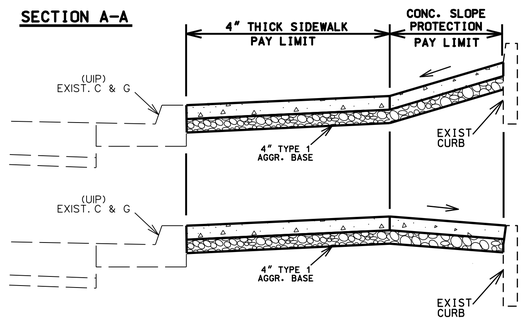
JOINT GRINDING

TRIP HAZARDS 622-99.03

NOT TO SCALE



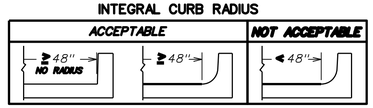
SECTION A-A



SIDEWALK WITH CONCRETE SLOPE PROTECTION

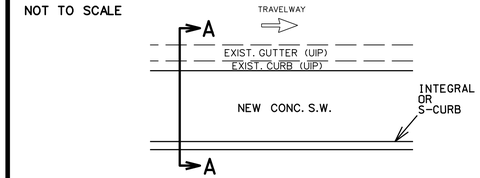
PAY LIMITS

INTEGRAL CURB RADIUS

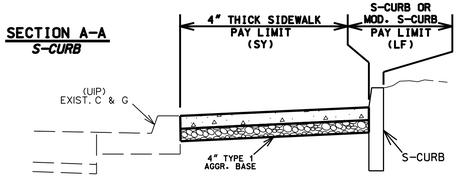


SECTION A-A
INTEGRAL CURB WITH RADIUS

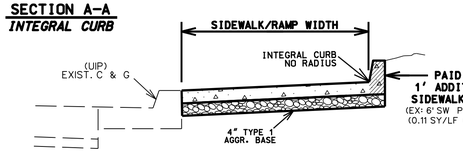
NOT TO SCALE

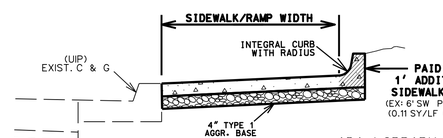


SECTION A-A
S-CURB



SECTION A-A
INTEGRAL CURB





ADA LIBRARY TYPICAL

SIDEWALK & RAMP WITH CURB

PAY LIMITS

TYPICAL SHEET
SHEET 7 OF 14

Jonathan W. Peitz 2026.08.10 14:46:39 -05'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ - CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 8/10/2026
ROUTE: BUS 60 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: NEWTON
JOB NO.: J7S3390
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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: 2025-05-30

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

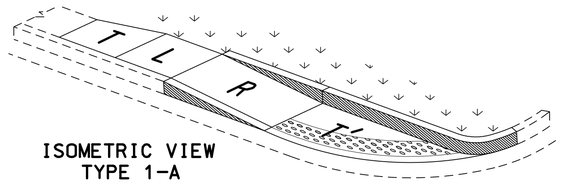
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	18.6	22.8	–	24.0	29.0	–	29.3	35.3	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	29.8	35.6	–	35.2	41.8	–	39.1	46.7	
ADA LINEAR GRADING LF	–	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

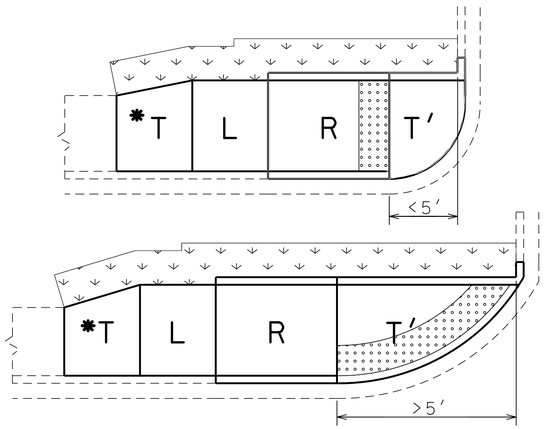
- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

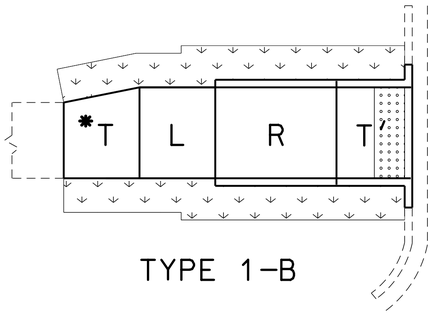
- TRUNCATED DOME LOCATION IF DIST. IS <5' OR >5'

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

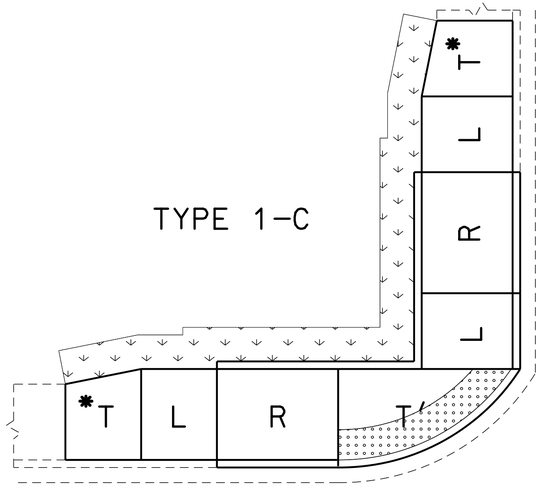
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



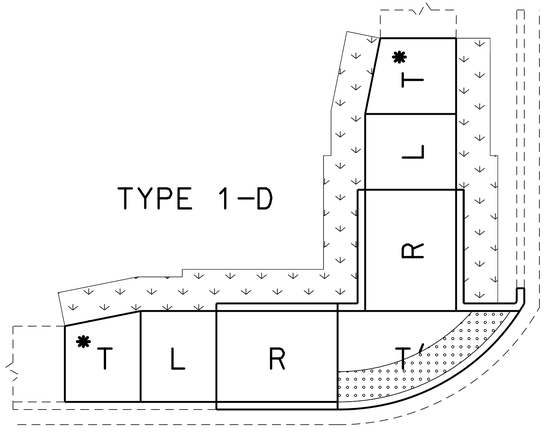
TYPE 1-A



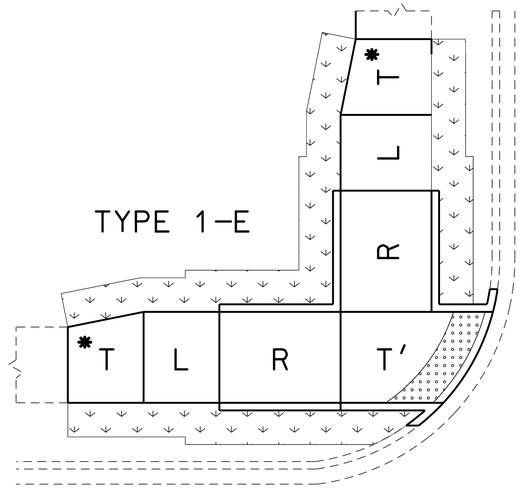
TYPE 1-B



TYPE 1-C



TYPE 1-D



TYPE 1-E

ADA LIBRARY TYPICAL

TYPE 1

PERPENDICULAR CURB RAMPS

TYPICAL SHEET 8 OF 14

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

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
Jonathan Peitz 2026.08.10 14:46:39 -05'00'

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
NEWTON

JOB NO.
J7S3390

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)

MoDOT

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	

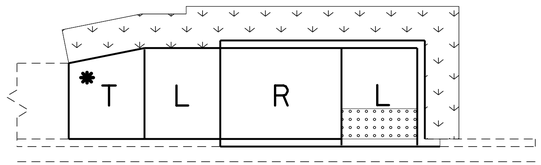
TYPE 2-E

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

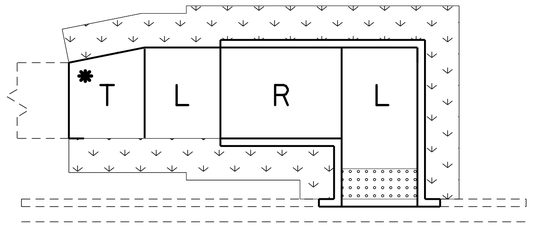
TYPE 2-F

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

** 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

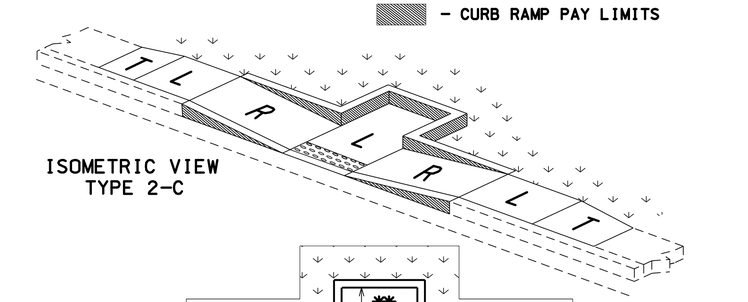
* – T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK. (IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L – LANDING

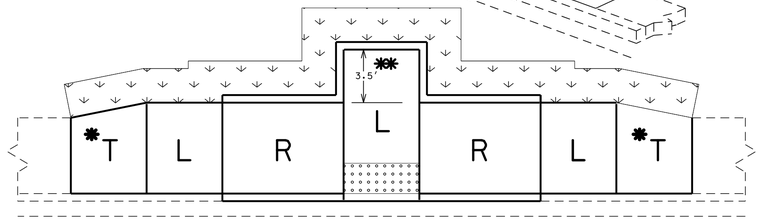
R – RAMP

– SOD SLOPE 6:1 MIN.

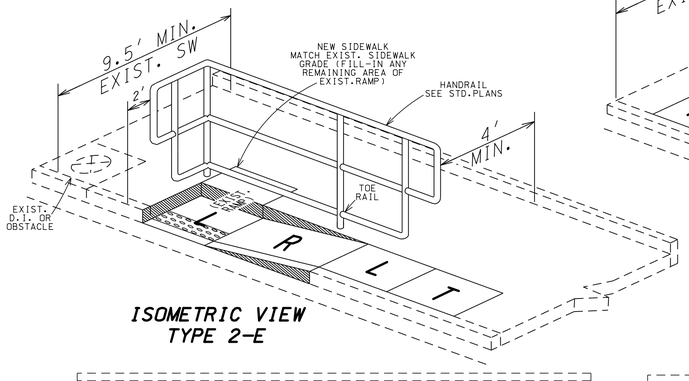
– CURB RAMP PAY LIMITS



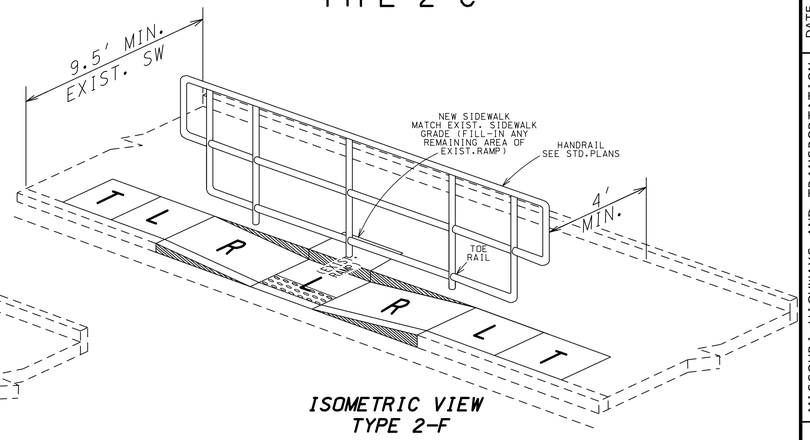
ISOMETRIC VIEW
TYPE 2-C



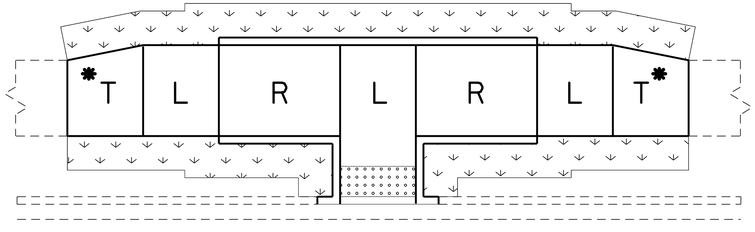
TYPE 2-C



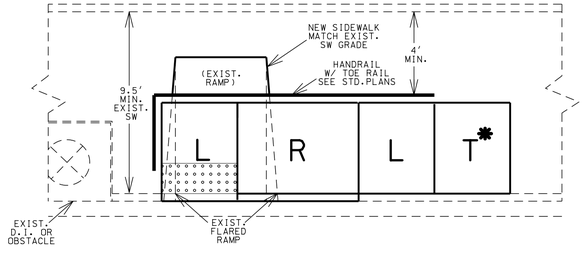
ISOMETRIC VIEW
TYPE 2-E



ISOMETRIC VIEW
TYPE 2-F



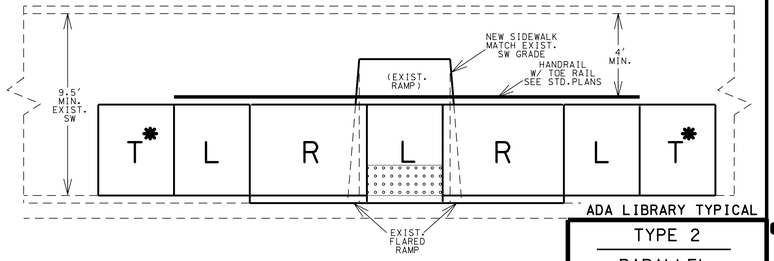
TYPE 2-D



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

REVISED: 2025-05-30

Jonathan Peitz 2026.08.10 14:46:40 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 8/10/2026
ROUTE: BUS 60 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: NEWTON
JOB NO.: J7S3390
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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 9 OF 14

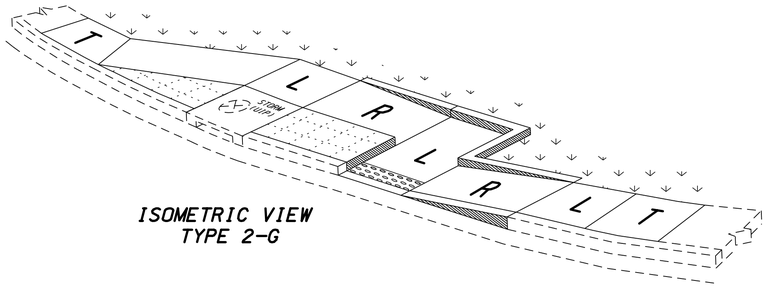
PARALLEL – TYPE 2 (cont'd.)

TYPE 2-G

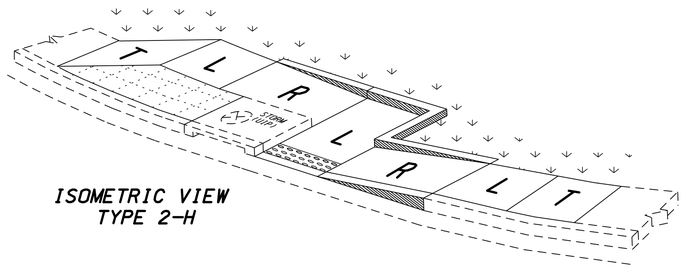
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	20.8	23.7	–	25.8	30.2	
CONC. SIDEWALK SY	–	21.4	25.0	–	17.6	20.3	–	15.2	17.5	
TYPE 1 AGGREGATE SY	–	37.1	43.0	–	38.4	44.0	–	41.0	47.7	
ADA LINEAR GRADING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

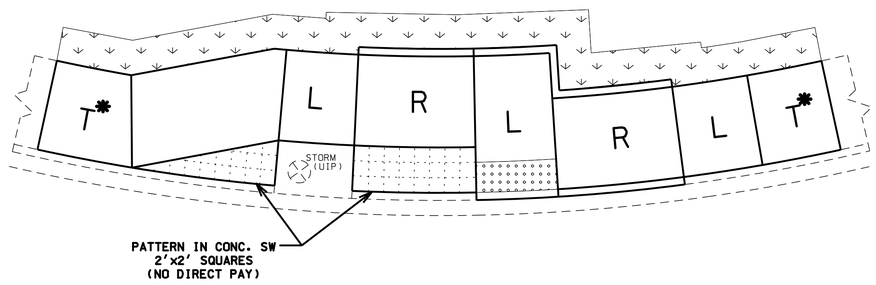
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	21.0	24.5	–	26.9	31.4	
CONC. SIDEWALK SY	–	13.2	16.0	–	12.0	14.2	–	12.0	14.4	
TYPE 1 AGGREGATE SY	–	28.9	34.0	–	33.0	38.6	–	38.9	45.8	
ADA LINEAR GRADING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



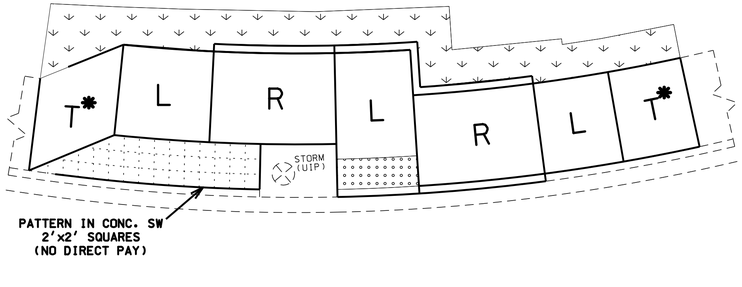
ISOMETRIC VIEW
TYPE 2-G



ISOMETRIC VIEW
TYPE 2-H



TYPE 2-G



TYPE 2-H

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: 2025-05-30

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.

Jonathan Peitz 2026.08.06 14:46:08-05'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 8/10/2026
ROUTE: BUS 60 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: NEWTON
JOB NO.: J7S3390
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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) / 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	

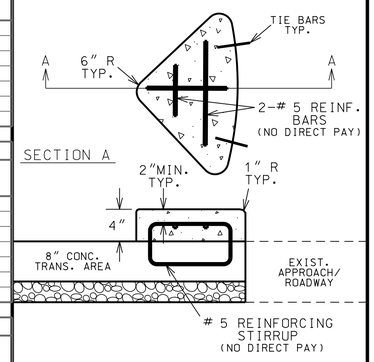
TYPE 3-D

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

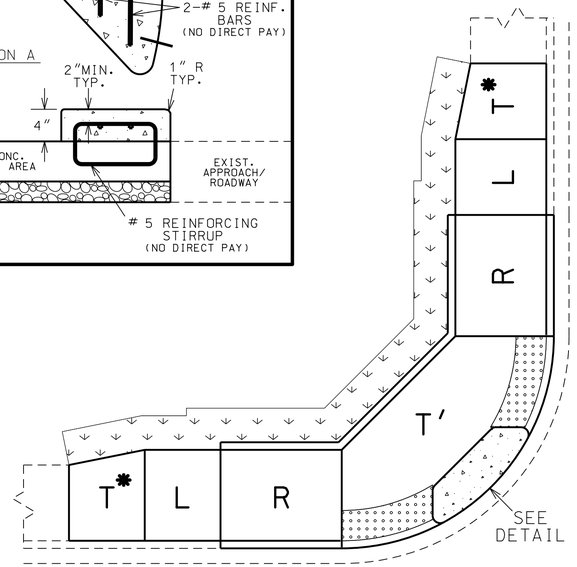
LENGTH (LF) / WIDTH (LF)		8			12			16			REMARKS
		4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	–	20.0	24.0	–	20.0	24.0	–	20.0	24.0	
CURB RAMP	SY	–	17.2	19.8	–	17.7	21.4	–	20.4	24.5	
CONC. SIDEWALK	SY	–	8.4	10.7	–	7.3	9.4	–	7.3	9.4	
TYPE 1 AGGREGATE	SY	–	25.6	30.5	–	25.0	30.8	–	27.7	33.9	
ADA LINEAR GRADING	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

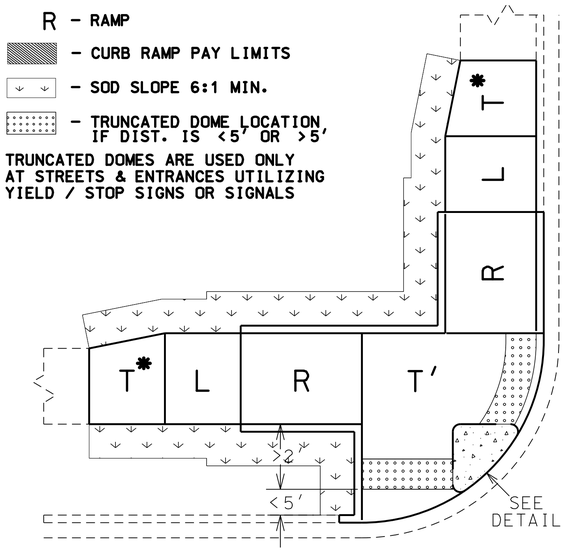
R – RAMP

– CURB RAMP PAY LIMITS

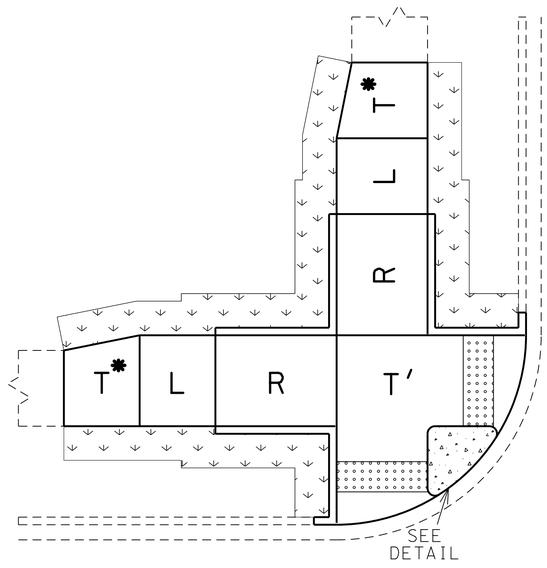
– SOD SLOPE 6:1 MIN.

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

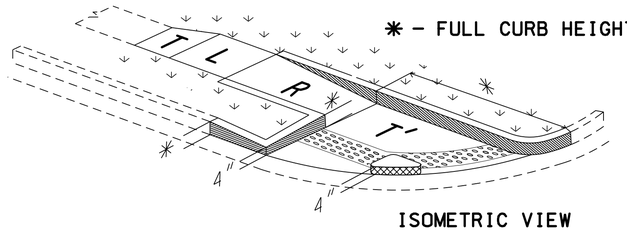
TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS



TYPE 3-B

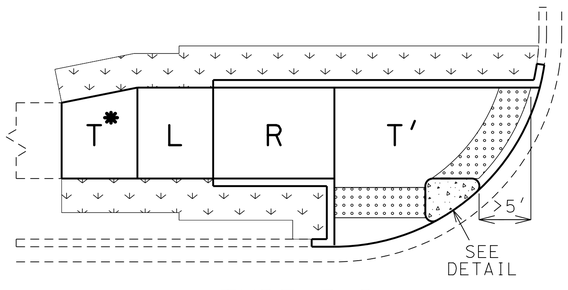


TYPE 3-C

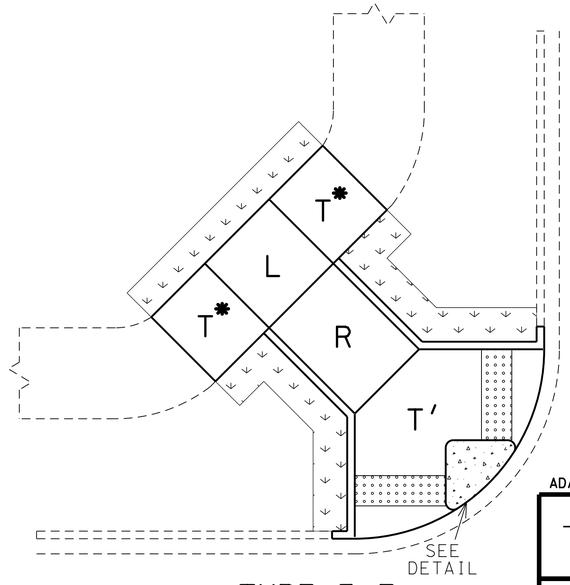


* – FULL CURB HEIGHT

ISOMETRIC VIEW
TYPE 3-D



TYPE 3-D



TYPE 3-E

ADA LIBRARY TYPICAL

TYPE 3
DIAGONAL CURB RAMPS

TYPICAL SHEET 11 OF 14

REVISED: 2025-06-09

Jonathan Peitz 2026.08.10 14:46:08 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 8/10/2026
ROUTE: BUS 60 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: NEWTON
JOB NO.: J7S3390
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN 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

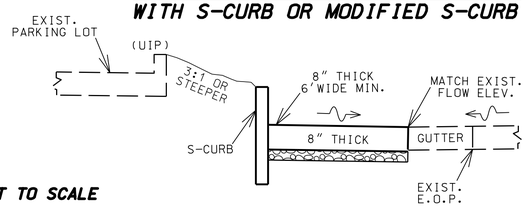
REVISED: 2022-05-16

NOTES FOR MODIFIED SIDEWALK:

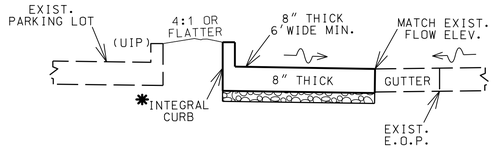
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 8" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ADJACENT TO MODIFIED SIDEWALK.
5. MODIFIED SIDEWALK 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



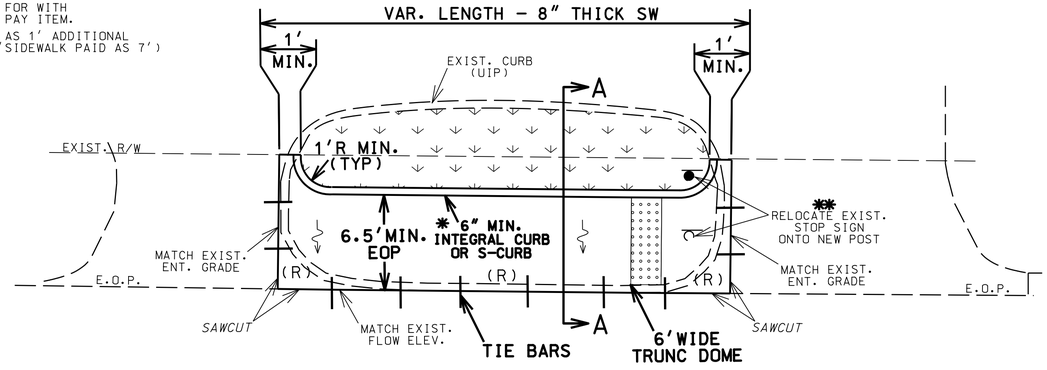
SECTION A-A
WITH INTEGRAL CURB



NOT TO SCALE

TYPICAL MODIFIED SIDEWALK
8" THICK

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

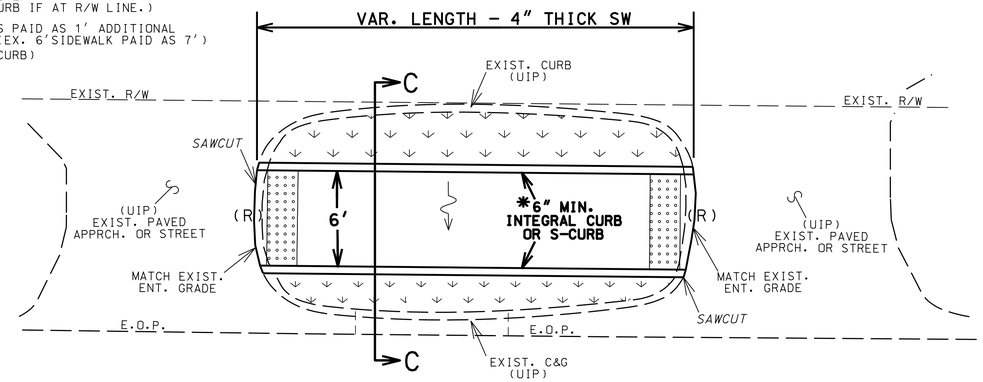


NOTES FOR CUT-THRU SIDEWALK:

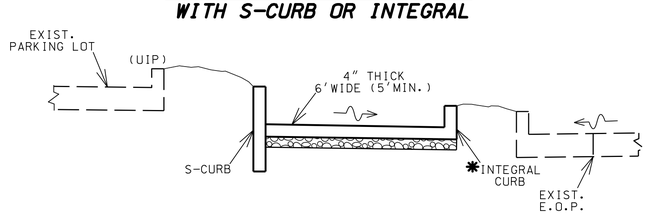
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ON BOTH SIDES ADJACENT TO SIDEWALK.
5. CUT-THRU 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



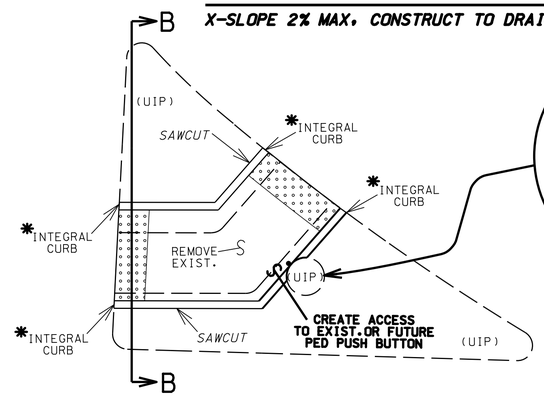
SECTION C-C
WITH S-CURB OR INTEGRAL

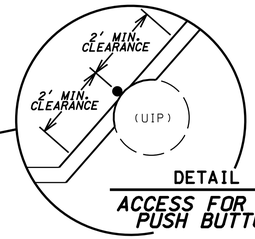


NOT TO SCALE

NOT TO SCALE

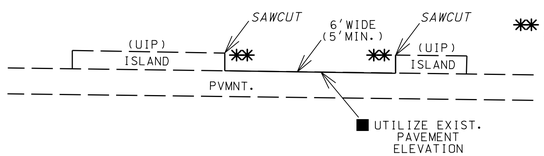
TYPICAL ISLAND CUT-THRU SIDEWALK
X-SLOPE 2% MAX. CONSTRUCT TO DRAIN





DETAIL
ACCESS FOR PED PUSH BUTTON

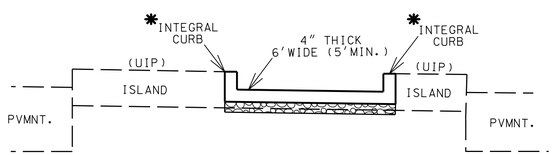
SECTION B-B
ISLAND CUT-THRU SIDEWALK FOR EXISTING 'PINNED-ON' ISLAND



■ 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 12 OF 14

Jonathan Peitz 2026.08.10 14:46:08 -05'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 8/10/2026
ROUTE: BUS 60 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: NEWTON
JOB NO.: J7S3390
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

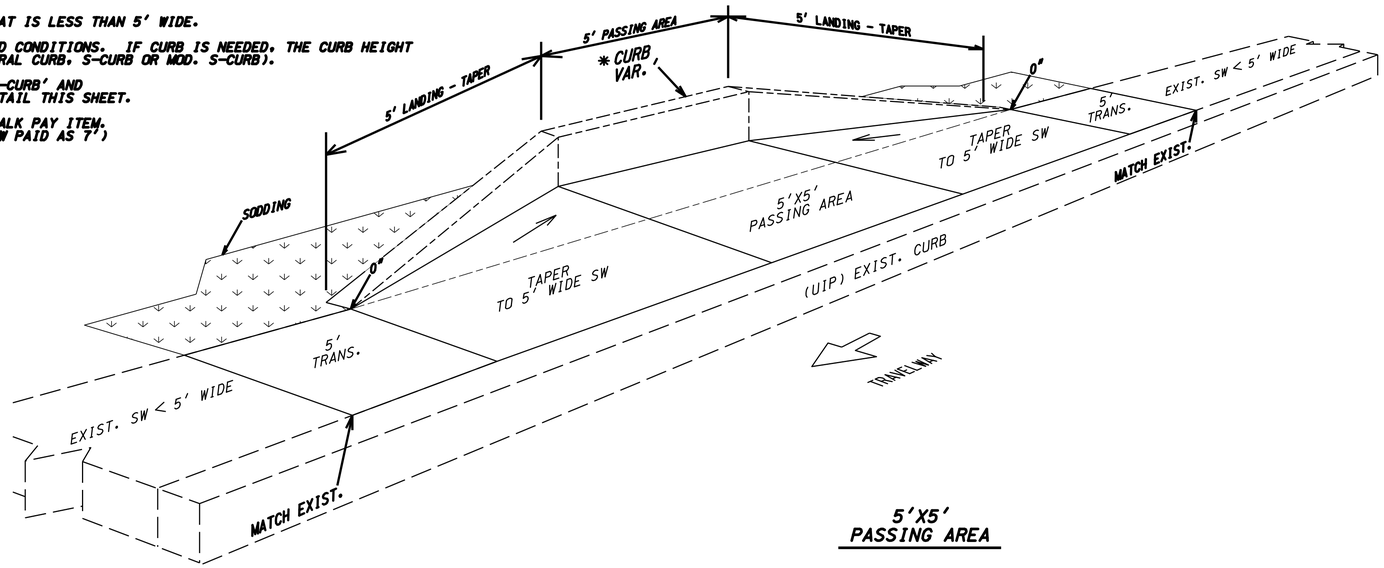
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

REVISED: 2024-01-18

NOTES:

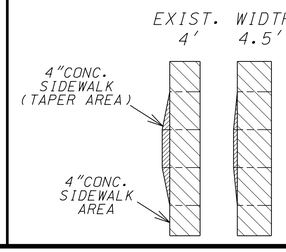
1. PASSING AREA REQUIRED EVERY 200' ON SIDEWALK THAT IS LESS THAN 5' WIDE.
2. * CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS NEEDED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED 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)



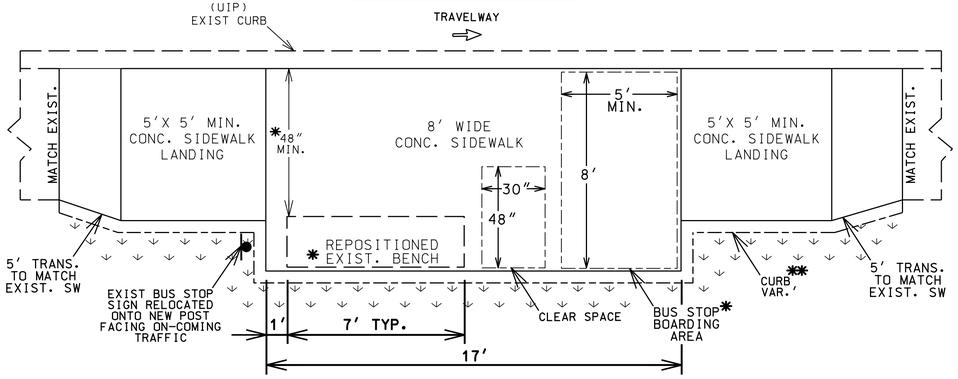
5'X5' PASSING AREA

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:

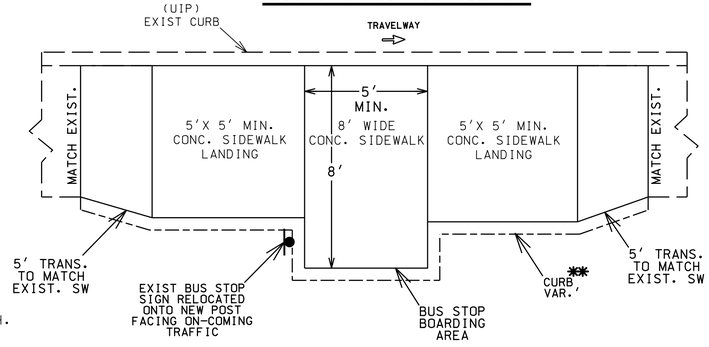
* 1. THE REPOSITIONED BENCH SHALL NOT BE PLACED ON THE 5'X8' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH AT THE BACK EDGE OF THE CONC. PAD TO PROVIDE MAX.CLEARANCE.

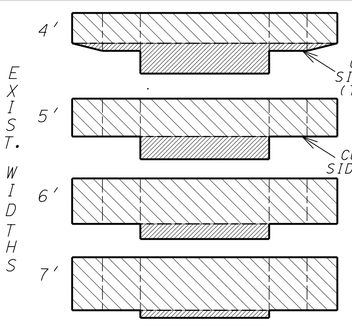
** 2. CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS NEEDED DUE TO CUT, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).

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)

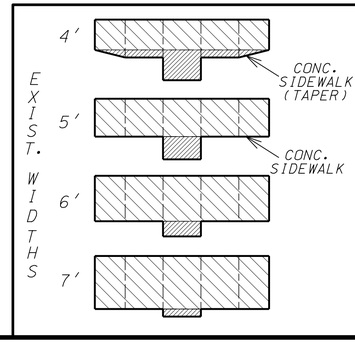
BUS STOP WITHOUT BENCH





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 13 OF 14

Jonathan Peitz 2026.08.10 14:46:58 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

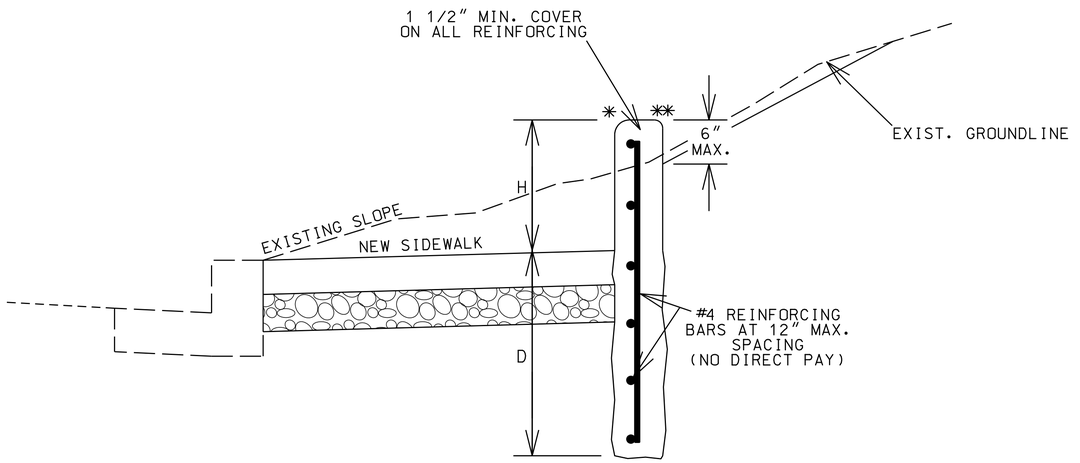
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

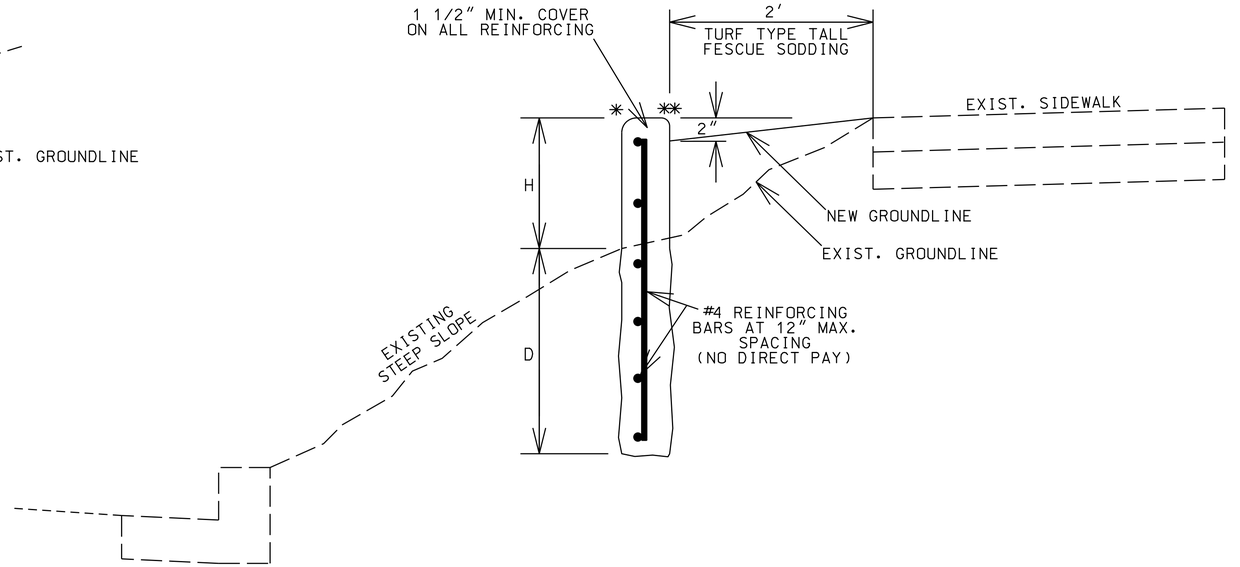
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

CREATED: 2023-11-16
REVISED: 2026-03-17

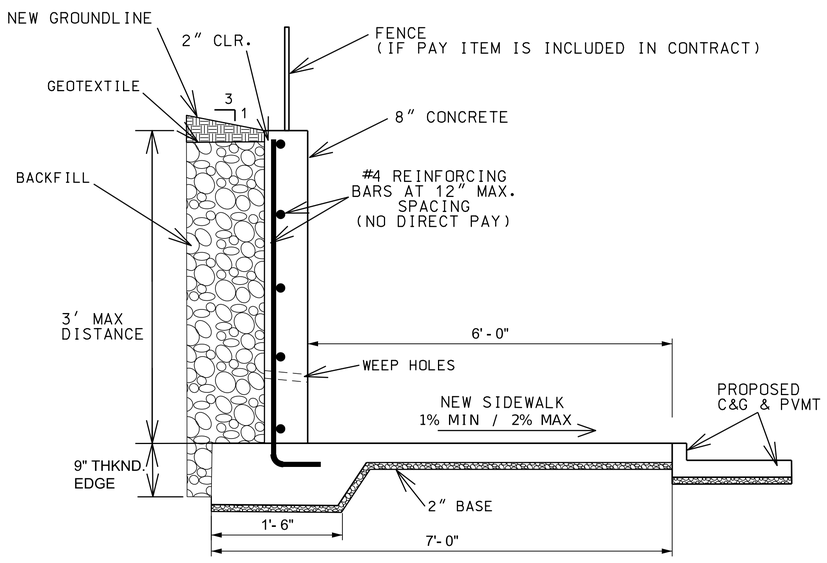
✳ ROUND TO 3/4" RADIUS
✳✳ ROUND TO 1/4" RADIUS
H = 2'-6" MAX. (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER.
VERTICAL REINFORCING LENGTHS VARY AS NEEDED.
DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK

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
14 OF 14

Jonathan Peitz
2026.03.06 14:36:08-06'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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

BEGIN LOG MILE	END LOG MILE	LOCATION	DESCRIPTION
2.168		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.171		BUS 60 LT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.215		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.234		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.249		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.257		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.270		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.274		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.286		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.303		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.329		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.360		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.388		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.399		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.413		BUS 60 RT	INLET GRATE AND TOP, (2x) 3' SAWCUT, 8 L.F. CONC. C&G
2.420	2.750	BUS 60 LT	775 SY PAVEMENT, 1742 LF CONC. C&G,1742' SAWCUT
2.420	2.587	BUS 60 RT	392 SY PAVEMENT, 882 LF CONC. C&G, 882' SAWCUT
2.433		BUS 60 LT	INLET GRATE AND TOP
2.433		BUS 60 RT	INLET GRATE AND TOP
2.587	2.626	BUS 60 RT	585 SY PAVEMENT
2.587	2.626	BUS 60 RT	67 L.F. CURB
2.587	2.626	BUS 60 RT	277 L.F. SAWCUT
2.626	2.750	BUS 60 RT	291 SY PAVEMENT, 655 LF CONC. C&G, 655' SAWCUT
1 LUMP SUM			

GRATE INLET TOP REPLACEMENT

LOG MILE	LOCATION	ADJUSTING INLET (EACH)	CURVED VANE GRATE & FRAME 2' X 2' (EACH)	TYPE A CURB & GUTTER (LF)	DESCRIPTION
2.168	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.171	BUS 60 LT	1	1	8	REPLACE EXIST. INLET GRATE
2.215	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.234	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.249	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.257	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.270	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.274	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.286	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.303	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.329	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.360	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.388	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.399	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.413	BUS 60 RT	1	1	8	REPLACE EXIST. INLET GRATE
2.433	BUS 60 LT	1	1	8	REPLACE EX. INLET GRATE & HOOD
2.433	BUS 60 RT	1	1	8	REPLACE EX. INLET GRATE & HOOD
TOTAL		17	17	136	

MOBILIZATION

1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING

1 LUMP SUM

COLDMILLING

BEGIN LOG MILE	END LOG MILE	LENGTH (MI)	WIDTH (AVG. FT.)	SQ. YDS.	REMARKS
0.027	0.516	0.489	28	7832	TRAVELWAY (NBL)
0.021	0.516	0.495	28	12653	TRAVELWAY (SBL & INTERSECTIONS)
0.516	0.637	0.121	28.5	1991	TRAVELWAY (NBL)
0.516	0.637	0.121	28.5	1911	TRAVELWAY (SBL)
0.637	0.690	0.053	59	1780	TRAVELWAY (SBL & NBL WITH STRIPED MEDIAN)
0.690	0.789	0.099	57	3366	TRAVELWAY (SBL & NBL WITH LEFT TURN LANE)
1.941	2.088	0.147	61	6104	TRAVELWAY (HARMONY ST & ROUTE 60 INTERSECTION)
2.088	2.750	0.662	36	14700	2 LANE NBL/EBL & SBL/WBL WITH TWLT
2.750	3.087	0.337	32	6397	2 LANE TRAVELWAY NBL & SBL ENDS SOUTH SIDE OF RR
3.092	3.153	0.061	30	1067	2 LANE TRAVELWAY NBL & SBL BEGINS NORTH SIDE OF RR
3.156	3.474	0.318	28	5159	2 LANE TRAVELWAY NBL & SBL SOUTH SIDE OF BRIDGE
3.551	6.467	2.916	24	40957	2 LANE TRAVELWAY NBL & SBL NORTH OF BRIDGE
6.467	7.000	0.533	28	8749	2 LANE TRAVELWAY NBL & SBL TO END OF PROJECT
			TOTAL	112666	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)

BEGIN LOG MILE	END LOG MILE	LENGTH (MI)	WIDTH (AVG. FT.)	SQ. YDS.	REMARKS
3.474	3.502	0.028	28	439	2 LANE TRAVELWAY NBL & SBL SOUTH SIDE OF BRIDGE
3.523	3.551	0.028	24	402	2 LANE TRAVELWAY NBL & SBL NORTH OF BRIDGE
			TOTAL	841	

RESURFACING

LOG MILE NB	LOG MILE NB	LANE WIDTH (LF)	LENGTH (MI)	SP095C (PG70-22) 1.5" (TON)	SP095C (PG70-22) 1.75" (TON)	SP095C (PG70-22) IRREGULARITIES (TON)	TACK COAT 0.10 GAL/SY (GAL)	REMARKS
0.027	0.516	28	0.489	639.6			783.2	TRAVELWAY (NBL)
0.021	0.516	28	0.495	1033.3			1265.3	TRAVELWAY (SBL & INTERSECTIONS)
0.516	0.637	28.5	0.121	162.6			199.1	TRAVELWAY (NBL)
0.516	0.637	28.5	0.121	156.1			191.1	TRAVELWAY (SBL)
0.637	0.690	59	0.053	145.4			178.0	TRAVELWAY (SBL & NBL WITH STRIPED MEDIAN)
0.690	0.789	57	0.100	274.9			336.6	TRAVELWAY (SBL & NBL WITH LEFT TURN LANE)
1.941	2.088	61	0.147	498.5			610.4	TRAVELWAY (HARMONY ST & ROUTE 60 INTERSECTION)
2.088	2.750	36	0.662	1200.5			1470.0	2 LANE NBL/EBL & SBL/WBL WITH TWLT
2.750	3.087	32	0.337	522.4			639.7	2 LANE TRAVELWAY NBL & SBL ENDS SOUTH SIDE OF RR
3.092	3.153	30	0.061	87.2			106.7	2 LANE TRAVELWAY NBL & SBL BEGINS NORTH SIDE OF RR
3.156	3.502	28	0.346	457.2			559.8	2 LANE TRAVELWAY NBL & SBL SOUTH SIDE OF BRIDGE
3.502	3.523	22	0.021	23.0			28.1	BRIDGE J0623 OVERLAY
3.523	6.467	24	2.945		3939.7		4135.9	2 LANE TRAVELWAY NBL & SBL NORTH OF BRIDGE
6.467	7.000	28	0.533		833.4		874.9	2 LANE TRAVELWAY NBL & SBL TO END OF PROJECT
0.021	7.000	28	6.431			482.3		75 TONS/MILE FOR IRREGULARITIES
			SUBTOTAL	5200.7	4773.1	482.3	11378.8	
			TOTAL	10456.1			11379	

NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO UNIT BID COST WILL BE MADE.

BITUMINOUS RUMBLE STRIPS

LOG MILE NB	LOG MILE NB	LENGTH (LF)	SHOULDER (STA)	CENTERLINE (STA)	ENTRANCE/SIDE ROAD EXCEPTIONS SHOULDER (STA)	ENTRANCE/SIDE ROAD EXCEPTIONS CENTERLINE (STA)	REMARKS
4.118	7.000	15217	304.3	152.2			
4.393	4.430	194			1.9		LEFT ENTRANCE
4.764	4.802	199			2.0		RIGHT ENTRANCE
4.847	4.886	204			2.0		LEFT ENTRANCE
4.849	4.888	205			2.1		RIGHT ENTRANCE
5.014	5.051	196			2.0		LEFT ENTRANCE
5.322	5.359	200			2.0		LEFT ENTRANCE
5.304	5.342	203			2.0		RIGHT ENTRANCE
5.755	5.794	205			2.1		RIGHT ENTRANCE
5.831	5.871	213			2.1		RIGHT ENTRANCE
5.843	5.880	194			1.9		LEFT ENTRANCE
5.949	5.995	244			2.4		LEFT ENTRANCE
5.986	6.029	231			2.3		RIGHT ENTRANCE
6.026	6.152	664			6.6		LEFT ENTRANCES
6.181	6.221	212			2.1		RIGHT ENTRANCE
6.242	6.278	191			1.9		LEFT ENTRANCE
6.368	6.404	193			1.9		RIGHT ENTRANCE
6.382	6.422	209			2.1		LEFT ENTRANCE
6.431	6.547	614			6.1		RIGHT ENTRANCES
6.572	6.613	217			2.2		LEFT ENTRANCE
6.656	6.694	203			2.0		RIGHT ENTRANCE
6.776	6.813	191			1.9		LEFT ENTRANCE
6.887	6.924	194			1.9		RIGHT ENTRANCE
6.952	6.988	191			1.9		LEFT ENTRANCE
SUBTOTAL			304.3	152.2	55.4		
TOTAL MINUS EXCEPTIONS			248.9	152.2			

FOG SEAL

BEGIN LOG MILE	END LOG MILE	LENGTH (MI)	WIDTH (AVG. FT.)	BIT. FOG SEAL (GAL.)	REMARKS
0.027	0.770	0.743	10	391.2	NB BUS 60 OUTSIDE SHOULDER
0.027	0.220	0.193	8	145.6	NB BUS 60/ SB 49 INSIDE SHOULDERS
0.052	0.302	0.250	10	124.9	SB BUS 49 OUTSIDE SHOULDER
0.200	0.343	0.143	8	135.3	NB BUS 60/ SB 49 INSIDE SHOULDERS
0.326	0.515	0.189	7	150.4	NB AND SB BUS 60 INSIDE SHOULDERS
0.329	0.789	0.460	10	269.1	SB BUS 60 OUTSIDE SHOULDER
0.789	1.941	1.152	7	379.9	NB BUS 60 OUTSIDE SHOULDER
0.789	1.665	0.876	8	333.2	SB BUS 60 OUTSIDE SHOULDER
3.088	3.502	0.414	4	186.8	NB AND SB BUS 60 SHOULDERS
6.452	7.000	0.548	10	268.9	NB BUS 60 SHOULDER
6.467	7.000	0.533	10	250.5	SB BUS 60 SHOULDER
			TOTAL	2635.8	
			USE	2636	

SUMMARY OF QUANTITIES
SHEET 1 OF 3

Jonathan Peitz
2026.08.24 10:49:53 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/24/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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

ROUTE	LOG MILE	LOG MILE	LENGTH (FT)	CLASS 1 PAINT YELLOW 4" (LF)	CLASS 2 PAINT WHITE 6" (LF)	CLASS 2 PAINT YELLOW 6" (LF)	PREFORMED THERMOPLASTIC WHITE 24" (LF)	PREFORMED THERMOPLASTIC YELLOW 24" (LF)	PREFORMED THERMOPLASTIC LEFT/RIGHT ARROW (EA)	PREFORMED THERMOPLASTIC STRAIGHT ARROW (EA)	PREFORMED THERMOPLASTIC STRAIGHT-LEFT/RIGHT ARROW (EA)	PREFORMED THERMOPLASTIC ONLY (EA)	PREFORMED THERMOPLASTIC RAILROAD CROSSING MARKER (EA)
BUS 60 NB AND SB	0.021	0.067	242		855	455			2				
BUS 60 NB AND SB	0.067	0.184	619		1548	1238							
INT LUSK / LOOP 49	0.184	0.356	908	1676	3440	1588	96	86	5		2	2	
BUS 60 NB AND SB	0.356	0.789	2288	2072	5720	2963		57	3				
INT BUS 60 / HARMONY ST.	1.941	2.088	775	1539	1495	645	176	98	5	2	2	2	
BUS 60 NB AND SB	2.088	2.750	3496	8523	108		24		15				
BUS 60 NB AND SB	2.750	3.087	1780	3607	91		60	5	1				
BUS 60 NB	3.022												1
BUS 60 NB AND SB	3.093	7.000	20631	23115	40441		36						
BUS 60 NB AND SB	3.158												1
			TOTAL	40532	53698	6889	392	246	31	2	4	4	2
			USE	40532	53698	6889	392	246	31	2	4	4	2

TEMPORARY PAVEMENT MARKING PAINT

1 LUMP SUM

PAVEMENT REPLACEMENT

LOG MILE	LOG MILE	LOCATION	LINEAR GRADING CLASS I (STA)	SUBGRADE COMPACTION (6- INCH DEPTH) (100 FT)	TYPE S CURB (LF)	8" PMBP (BASE) (TON)	6" TYPE 5 AGGREGATE (SY)
2.420	2.750	BUS 60 LT	17.43	17.43	1742	334.3	774.2
2.420	2.587	BUS 60 RT	8.82	8.82	882	169.2	392.0
2.587	2.626	BUS 60 RT	2.06	2.06		194.9	451.4
2.626	2.750	BUS 60 RT	6.55	6.55	655	125.7	291.1
		TOTAL	34.86	34.86	3279	824.1	1909
		USE	34.9	35	3279	824.1	1909

SIDEWALK REPLACEMENT

LOG MILE	LOG MILE	LOCATION	4" CONCRETE SIDEWALK (SY)	CONCRETE CURB RAMP (SY)	8" PAVED APPROACH (SY)	4" TYPE 5 AGGREGATE (SY)	TRUNCATED DOMES (SF)	TYPE S CURB (LF)	MODIFIED S CURB (LF)	LINEAR GRADING FOR ADA FACILITIES (LF)	TURF TYPE TALL FESCUE SODDING (SY)	SILT FENCE (LF)	SEDIMENT REMOVAL (CY)
2.587	2.592	BUS 60 RT	8.6	6.7		15		23	23	24			
2.587	2.607	BUS 60 RT			109.9	110				104			
2.607	2.613	BUS 60 RT	6.6	19.4		26	16	42		32	6	32.2	0.3
2.610	2.621	BUS 60 RT			133.6	134		61		58			
2.619	2.626	BUS 60 RT	19.8	16.3		36	20	31		39	7	54.0	0.5
		TOTAL	35.0	42.4	243.5	321	36	157	23	257	13	86.2	0.8
		USE	35.0	42.4	248	331	36	157	23	257	13	86	1

SIGNING

LOG MILE	LOG MILE	TRAFFIC SEPARATOR CURB WITH DELINEATORS (LF)	2.5" PSST POST 12 GA. (LF)	DRIVEN POST ANCHOR FOR 2.5" PSST - 7 GA. (EACH)	OBJECT MARKER SIGN (OM3) (SF)	REMARKS
0.728	0.770	220				BUS 60 AT W DAUGHERTY RD
2.106	2.117		64	4	12	4 OBJECT MARKERS AT BRIDGE J0621
2.423	2.430		64	4	12	4 OBJECT MARKERS AT BRIDGE J0622
	TOTALS	220	128	8	24	
LOCATIONS DETERMINED BY THE ENGINEER						

CABLE LOOP DETECTOR, IN DUCT

LOCATION	QUANTITY	1C#14 IN-DUCT CABLE (LF)	REMARKS
NORTH LOOP I-49	1	414	SB LT. TURN LANE LOOP AND CABLE TO PULLBOX
NORTH LOOP I-49	1	414	SB THROUGH LANE LOOP AND CABLE TO PULLBOX
LOOP 49 AND BUS. 60	1	414	WB LT. TURN LANE LOOP AND CABLE TO PULLBOX
LOOP 49 AND BUS. 60	1	414	WB THROUGH LANE LOOP AND CABLE TO PULLBOX
LUSK DR.	1	414	EB LT. TURN LANE LOOP AND CABLE TO PULLBOX
LUSK DR.	1	414	EB THROUGH LANE LOOP AND CABLE TO PULLBOX
LOOP 49 AND BUS. 60	1	414	NB LT. TURN LANE LOOP AND CABLE TO PULLBOX
LOOP 49 AND BUS. 60	1	414	NB THROUGH LANE LOOP AND CABLE TO PULLBOX
	TOTAL	3312	
	USE	3320	

NOTE: UNDERRUN CABLE, LOOP DETECTORS, IN DUCT IF NOT DAMAGED BY CONTRACTOR OPERATIONS

SUMMARY OF QUANTITIES
SHEET 2 OF 3

Jonathan Peitz
2026.08.24 10:38:33 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/24/2026

ROUTE BUS 60 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY NEWTON
JOB NO. J7S3390
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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 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	4	64				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	2	32				MERGE (LEFT)
WO4-1aR	48X48	16.00	2	32				MERGE (RIGHT)
WO5-1	48X48	16.00	4	64				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
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	40	640				UNEVEN LANES
WO8-12	48X48	16.00	24	384				NO CENTER LINE
WO8-15	48X48	16.00	2	32				GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00	10	160				SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00	10	160				SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00	10	50				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	48	768				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	10	160				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	4	64				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00	4	64				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	2	20				ROAD WORK NEXT 7 MILES
GO20-2	48X24	8.00	2	16				END ROAD WORK
GO20-4	36X18	4.50	4	18				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	20	175				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	26	39				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	4	24				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				SPEED LIMIT 30
R2-1	36X48	12.00	8	96				SPEED LIMIT 35
R2-1	36X48	12.00	8	96				SPEED LIMIT 45
R2-1	36X48	12.00	8	96				SPEED LIMIT 55
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	4	25				LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	4	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	2	24				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	4	8				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	2	20				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						POINT OF PRESENCE
CONST-7	48X24	8.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24				WORK ZONE NO PHONE ZONE
CONST-5-96	96X48	32	2	64				ROAD RESURFACING FALL 2027

616-10.05 CONSTRUCTION SIGNS	TOTAL	3636
616-10.10 RELOCATED SIGNS	TOTAL	

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 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	250	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030	4	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 WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	4	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	4	ADA COMPLIANT BARRICADES

Jonathan Peitz
2026.08.10 16:21:47 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
NEWTON

JOB NO.
J7S3390

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

SUMMARY OF QUANTITIES
SHEET 3 OF 3



Jonathan Peitz
2026.08.10 14:49:08 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
NEWTON

JOB NO.
J7S3390

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

SPECIAL SHEET
SHEET 1 OF 9

F:\2023\00001-00500\023-00372\40-Design\Microstation\J7S3390\plan_sheets\8 Special Sheets\004_SS_01_J7S3390_140.dgn 2:00:54 PM 8/10/2026

SCALE

0 40 80 120

LEGEND

1.5" COLDMILL
1.5" SP095C (PG70-22)

LUSK DRIVE

LIMITS OF COLDMILLING AND OVERLAY MATCH EXIST. PAVEMENT SEAM

LUSK DRIVE LOG MILE 0.801

78'

INTERSECTION
BUS 60 LOG MILE 0.315
LUSK DRIVE LOG MILE 0.829

15'

LIMITS OF COLDMILLING AND OVERLAY MATCH EXIST. PAVEMENT SEAM

LOOP 49

BUSINESS 60

14'

49'

LOOP 49

4'

55'

REMOVE AND REPLACE INDUCTION LOOP DETECTORS (TYP)

NEOSHO BLVD

LOG MILE 0.346

LAQUESTA DRIVE

SPECIAL SHEET
SHEET 2 OF 9

Jonathan Peitz 2026.08.10 14:00:56-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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

2:01:04 PM 8/10/2026



Jonathan Peitz
2026.08.10 14:09:08-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ - CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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
SHEET 3 OF 9

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STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

Jonathan Peitz
2026.08.10 14:09:36 -05'00'

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

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

SPECIAL SHEET
SHEET 4 OF 9

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SCALE

0 40 80 120

LEGEND

1.5" COLDMILL

1.5" SP095C (PG70-22)

W MCCORD STREET

W MCCORD STREET

INTERSECTION
LOG MILE 2.179

INTERSECTION
LOG MILE 2.120

BRIDGE BOX J0621
LOG MILE 2.111

NEOSHO BLVD.

BUSINESS 60
MO 86

SPRING STREET

04 OM3-R

03 OM3-L

01 OM3-L

02 OM3-R

STOP

SIGN

NOTICE

YIELD

Jonathan Peitz
2026.08.10 14:39:36-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ - CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO

DISTRICT	SHEET NO.
SW	8

COUNTY
NEWTON

JOB NO.
J7S3390

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
SHEET 5 OF 9

F:\2023\00001-00500\023-00372\40-Design\Microstation\J7S3390\plan_sheets\8 Special Sheets\008_SS_05_J7S3390_140.dgn 2:01:33 PM 8/10/2026

SCALE

0 40 80 120

LEGEND

1.5" COLDMILL
1.5" SP095C (PG70-22)

ADAMS STREET

N VALLEY STREET

N LINCOLN STREET

NOTE:
THE CITY OF NEOSHO IS CURRENTLY REPLACING BOX BRIDGE J0622 WITH A NEW STRUCTURE. MILL/FILL AND TYPE 3 OBJECT MARKERS MAY BE UNDERRUN THROUGH THE LIMITS OF THE CITY PROJECT AS DIRECTED BY THE ENGINEER.

BOX BRIDGE J0622
LOG MILE 2.427

OM3-L

04

03

OM3-R

BUSINESS 60
MO 86

COLER ST

INTERSECTION
LOG MILE 2.420

01

02

OM3-L

OM3-R

W BROOK STREET

SPECIAL SHEET
SHEET 6 OF 9

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

Jonathan Peitz
2026.08.10 14:09:08-05'00'

JONATHAN W. PEITZ - CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED	8/10/2026
ROUTE	BUS 60
STATE	MO
DISTRICT	SW
SHEET NO.	9
COUNTY	NEWTON
JOB NO.	J7S3390
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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 40 80 120

LEGEND

1.5" COLDMILL

1.5" SP095C (PG70-22)

ADAMS STREET

N HIGH STREET

BUSINESS 60

LOG MILE 2.587

TYPE 1-A SIDEWALK RAMP

TYPE 1-A SIDEWALK RAMP

6' SIDEWALK

TYPE 2-A SIDEWALK RAMP

LOG MILE 2.626

SAWCUT

6' SIDEWALK

PAVED APPROACH

CONTRACTOR SHALL ENSURE PAVEMENT DRAINS ALONG CURB AND ACROSS INTERSECTION (MIN. 1%)

SAWCUT

6' SIDEWALK

TYPE 1-D SIDEWALK RAMP

SAWCUT

PAVED APPROACH

BUSINESS 60
MO 86

MO 86
COLER STREET

INTERSECTION LOG MILE 2.750

COLDMILLING AND OVERLAY LIMITS. MATCH EXIST. PAVEMENT SEAMS.

N HIGH STREET

COLLEGE STREET

W BROOK STREET

SPECIAL SHEET
SHEET 7 OF 9

Jonathan Peitz 2026.08.10 14:49:36 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
NEWTON

JOB NO.
J7S3390

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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CERTIFICATE OF AUTHORITY NO. 001592



Jonathan Peitz
2026.08.10 14:39:08 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
NEWTON

JOB NO.
J7S3390

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

SPECIAL SHEET
SHEET 8 OF 9

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SCALE

0 40 80 120

LEGEND

1.75" COLDMILL
1.75" SP095C (PG70-22)

BUSINESS 60

ROUTE 59 SB OFF RAMP

END RESURFACING
PROJECT J7S3390
LOG MILE 7.000

END OF COLDMILLING
AND OVERLAY
MATCH EXISTING PAVEMENT

ROUTE 59 SB ON RAMP

SPECIAL SHEET
SHEET 9 OF 9

Jonathan Peitz
2026.08.10 14:09:08-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO

DISTRICT	SHEET NO.
SW	12

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

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)

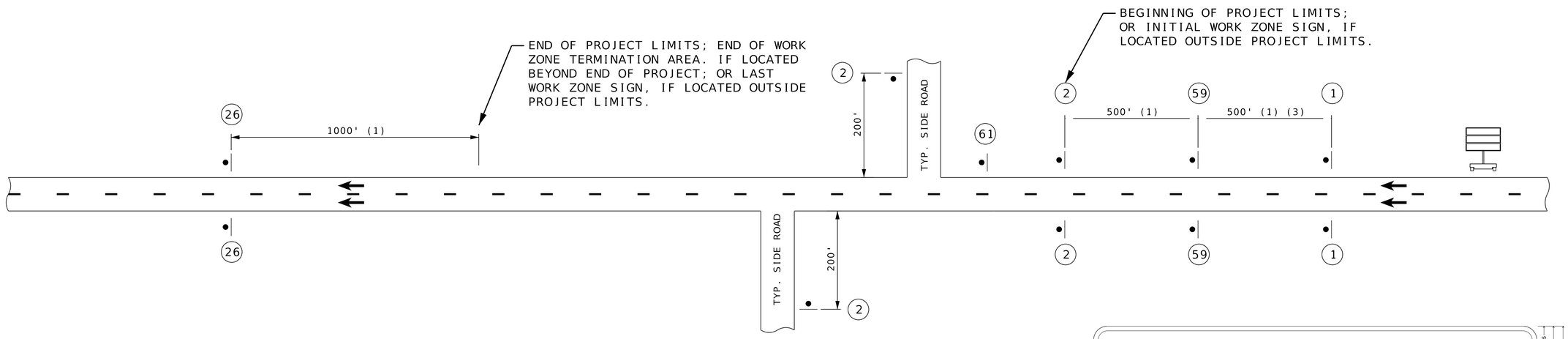
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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GENERAL NOTES:

REVISED: 2/19/2026

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. 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.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS 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.
10. 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.
11. 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.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



TYPICAL BEGINNING AND END OF PROJECT

(DIVIDED HIGHWAY)

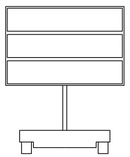
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.

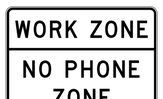
(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

(5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED.

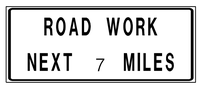


(4)



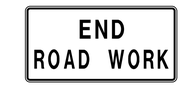
CONST-8

59 (3)



GO20-1

1 (5)



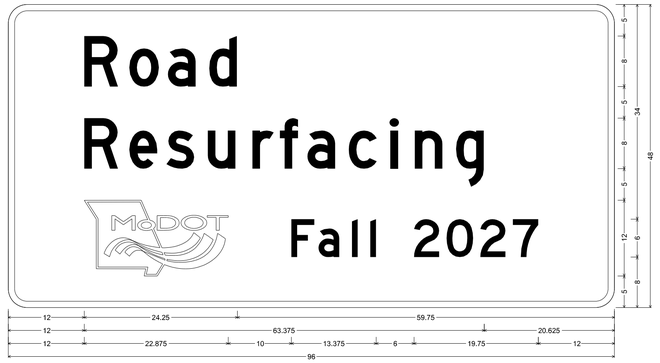
GO20-2

26 (5)



WO20-1

2



CONST-5 SH-FLAT SHEET:
3.000" Radius, 1.000" Border, White on, Green;
"Road", D; "Resurfacing", D; "Fall 2027", D;
Table of letter and object lefts

R 12.000	o 19.125	a 25.250	d 31.875

R 12.000	e 19.125	s 25.000	u 31.625	r 38.625	f 43.000	a 47.375	c 53.875	i 60.500	n 64.375	g 70.875
12.000	F 44.875	a 49.125	l 54.500	l 57.375	2 64.250	0 69.375	2 74.750	7 79.875		

CONST-5-96

61 (2)

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 1 OF 20

Jonathan W. Peitz 2026.02.19 09:27:52 -06'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 9/21/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	13

COUNTY: NEWTON

JOB NO.: J7S3390

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

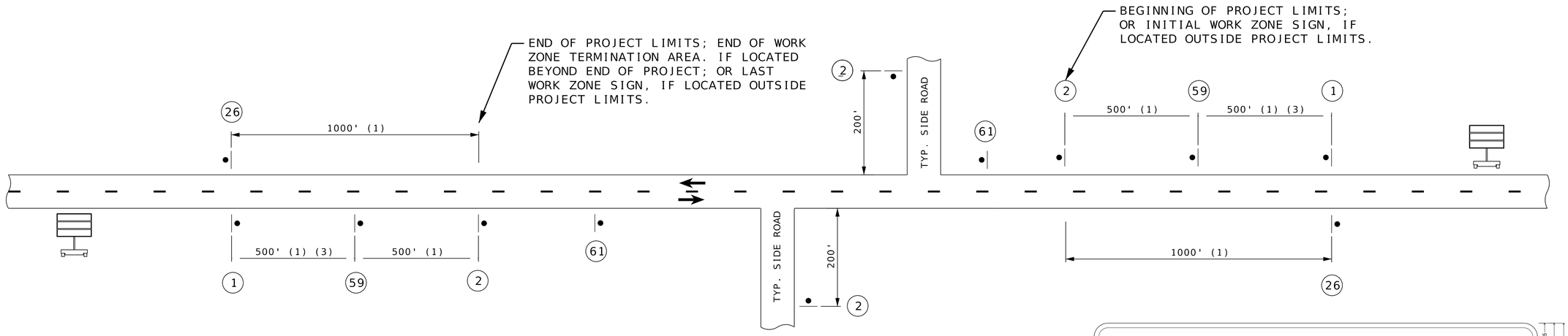
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

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GENERAL NOTES:

REVISED: 2/19/2026

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
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6. 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.
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9. ALL SIGNS 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.
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11. 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.
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15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

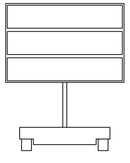
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.

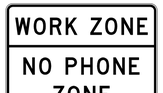
(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

(5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED



(4)



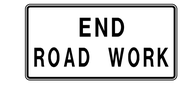
CONST-8

59 (3)



GO20-1

1 (5)



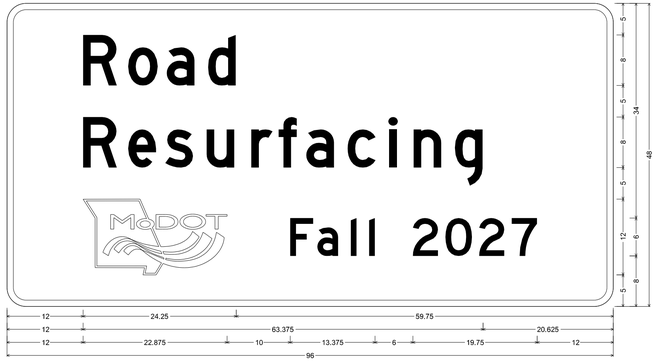
GO20-2

26 (5)



WO20-1

2



CONST-6 SH-FLAT SHEET;
3.000" Radius, 1.000" Border, White on, Green;
"Road", D; "Resurfacing", D; "Fall 2027", D;
Table of letter and object lefts

R 12.000	o 19.125	r 25.250	d 31.875

R 12.000	e 19.125	s 25.000	u 31.625	r 38.625	f 43.000	a 47.375	c 53.875	l 60.500	n 64.375	g 70.875	
▶▶ 12.000	F 44.875	o 49.125	r 54.500	2 57.375	0 64.250	2 69.375	7 74.750	79.875			

CONST-5-96

61 (2)

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 2 OF 20

Jonathan W. Peitz
2026.02.19 16:55:53 -06'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
9/21/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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: 4/2/2026



WO20-1

2



WO20-4

7



WO20-7a

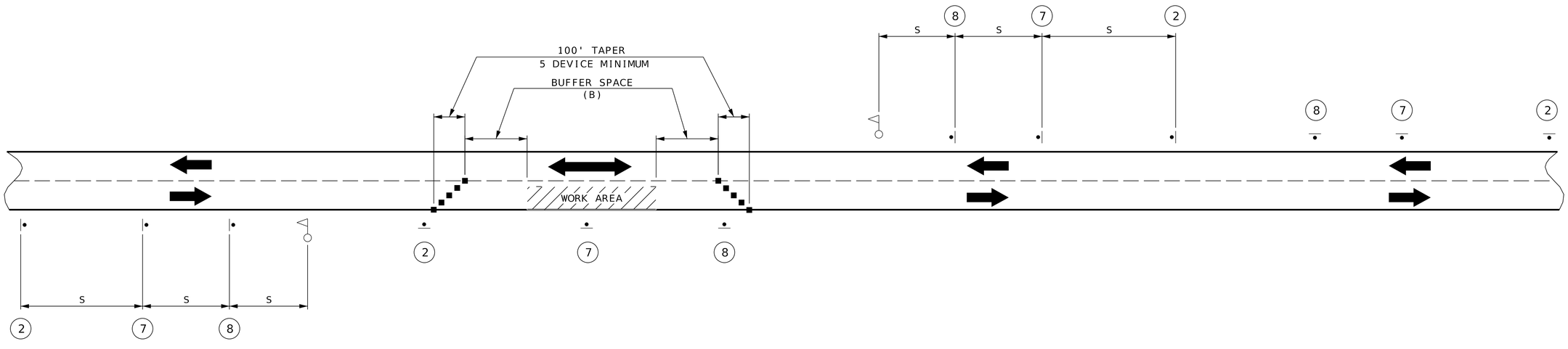
8



GO20-4

57

SIGN 57, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC). SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT) (B)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

SPACING NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

MOVING FLAGGER OPERATION
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 3 OF 20

Jonathan Peitz
2026.08.10 14:09:36-05'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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: 2/19/2026



WO20-1

(2)



WO20-4

(7)



WO20-7a

(8)

GO20-5aP



R2-1

(54)
(4)

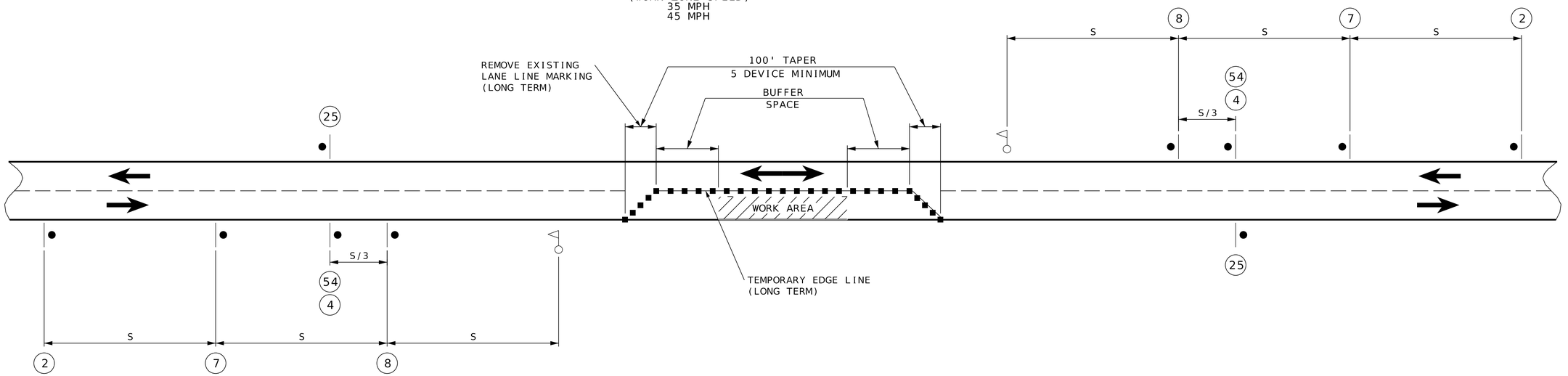
(WORK ZONE SPEED)
35 MPH
45 MPH



R2-1

(25)

(NORMAL SPEED)
45 MPH
55 MPH



NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL.
THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE. NO DIRECT PAY.

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)	OPTIONAL
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	BUFFER/ WORK AREAS	BUFFER LENGTH (FT)
0-35	200	40	250
40-45	350	80	360
50-55	500	80	495
60-70	1000	120	730

SPACING NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

• SIGN (SINGLE SIDED)

FLAGGER

■ CHANNELIZER

NOT TO SCALE

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

TRAFFIC CONTROL SHEET
SHEET 4 OF 20

Jonathan Peitz 2026.08.10 14:09:34 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

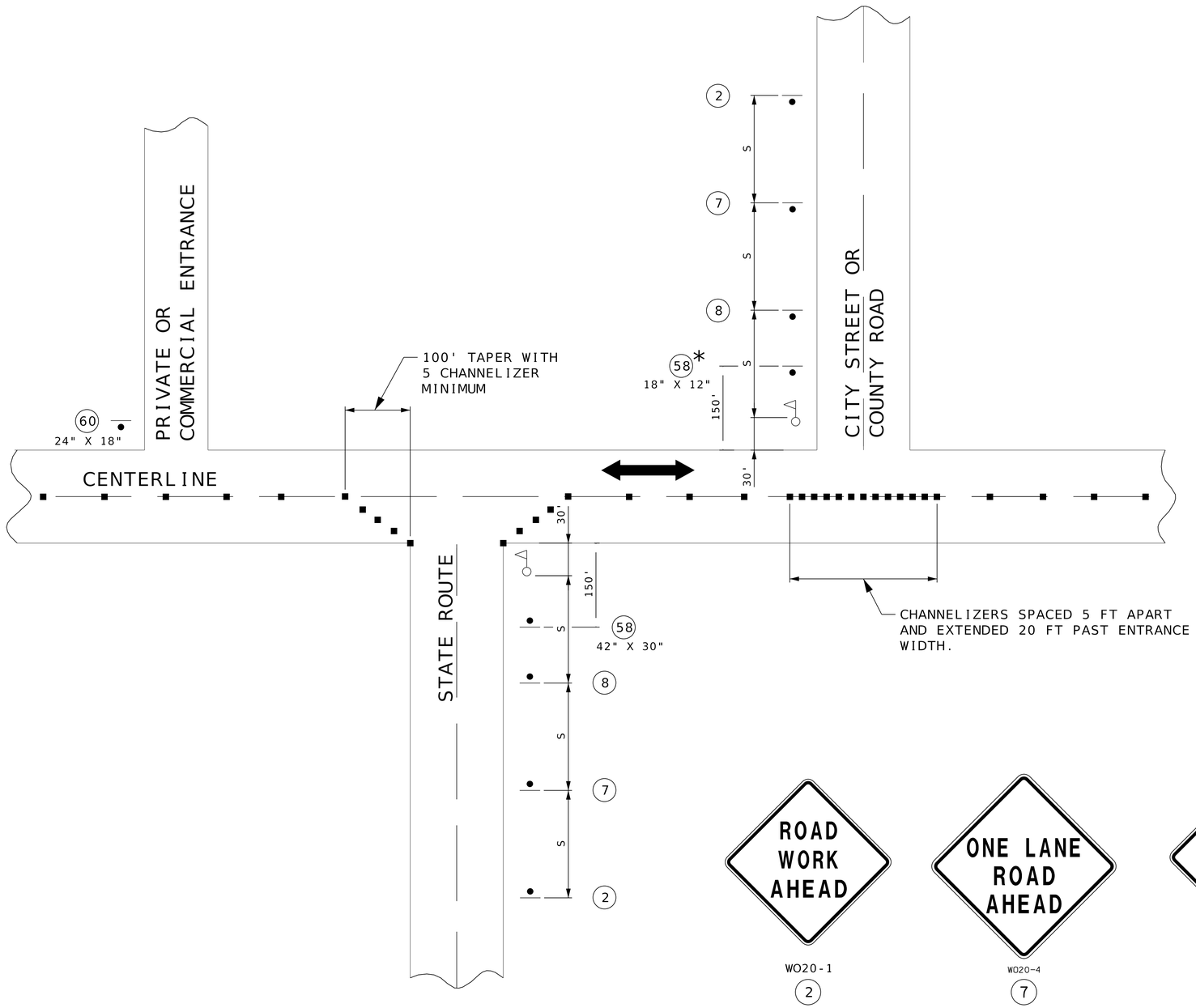
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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: 2/19/2026

SIDE ROADS ENTERING WORK ZONES



SPEED	SIGN SPACING (FT.)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER WORK AREA
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).



GO20-4a
58

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).



24" X 18"
60

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

WO20-1
2

WO20-4
7



WO20-7a
8

NOT TO SCALE

TRAFFIC CONROL SHEET
SHEET 5 OF 20

Jonathan Peitz
2026.08.10 14:09:34 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

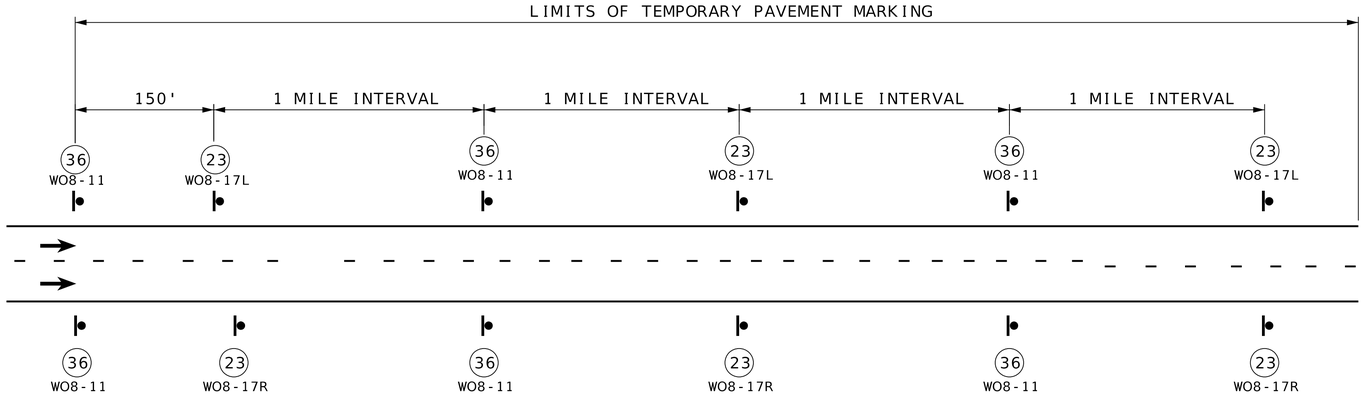
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

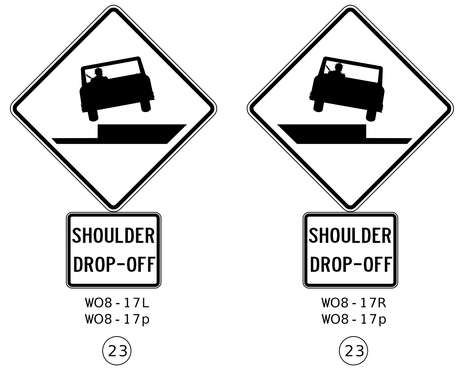
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REVISED: 2/19/2026



SIGN SPACING FOR DIVIDED OR MULTI-LANE HIGHWAY

(DETAIL SHOWN IS BASED ON A PROJECT MEETING CONDITIONS OF UNEVEN LANES AND SHOULDER DROP-OFF.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGNS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXISTS.
WHEN ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF), SIGN SPACING SHALL BE AT 1 MILE INTERVALS

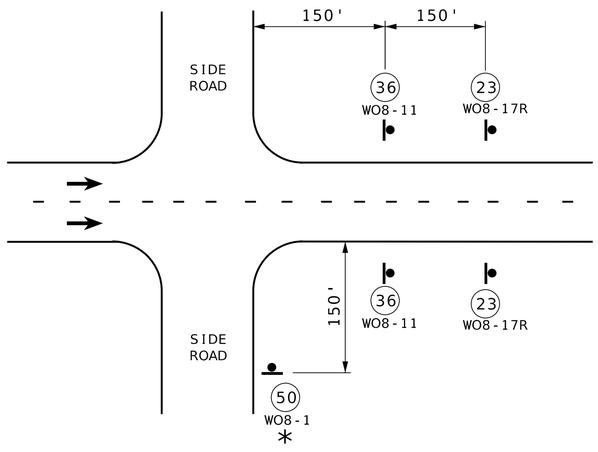


GENERAL NOTES:

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLANS 616.10 AND 903.03.

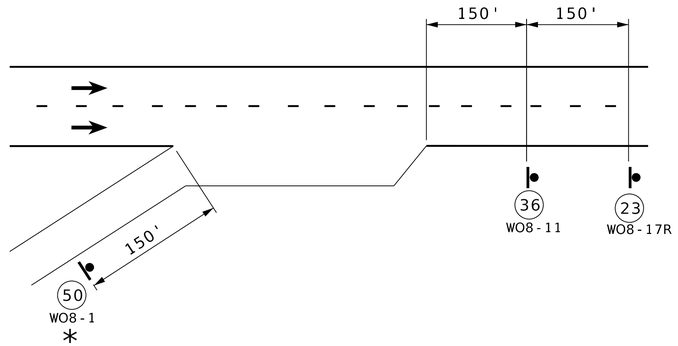
WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.



SIGN SPACING AT SIDE ROAD INTERSECTIONS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10. UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.



SIGN SPACING AT RAMPS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10. UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 6 OF 20

Jonathan Peitz 2026.08.10 14:09:08 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 8/10/2026
ROUTE: BUS 60 | STATE: MO
DISTRICT: SW | SHEET NO.: 18
COUNTY: NEWTON
JOB NO.: J7S3390
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

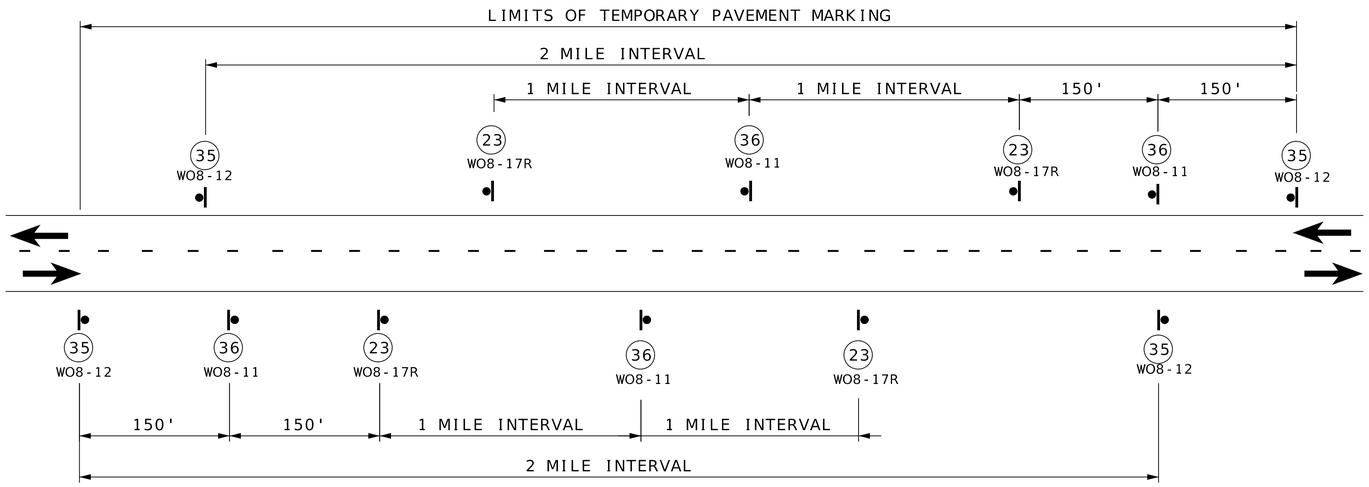
DESCRIPTION	DATE

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

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

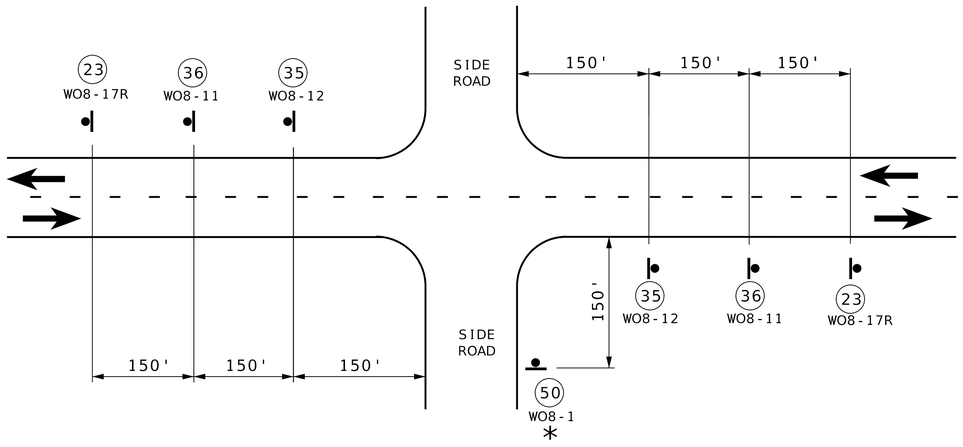
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

REVISED: 2/19/2026



SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.



SIGN SPACING AT STATE ROUTE INTERSECTIONS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.



SHOULDER DROP-OFF

WO8-17R
WO8-17p
(23)



WO8-1
(50) *



WO8-11
(36)



WO8-12
(35)

GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35) , THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 7 OF 20

Jonathan Peitz 2026.08.08 14:39:30-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

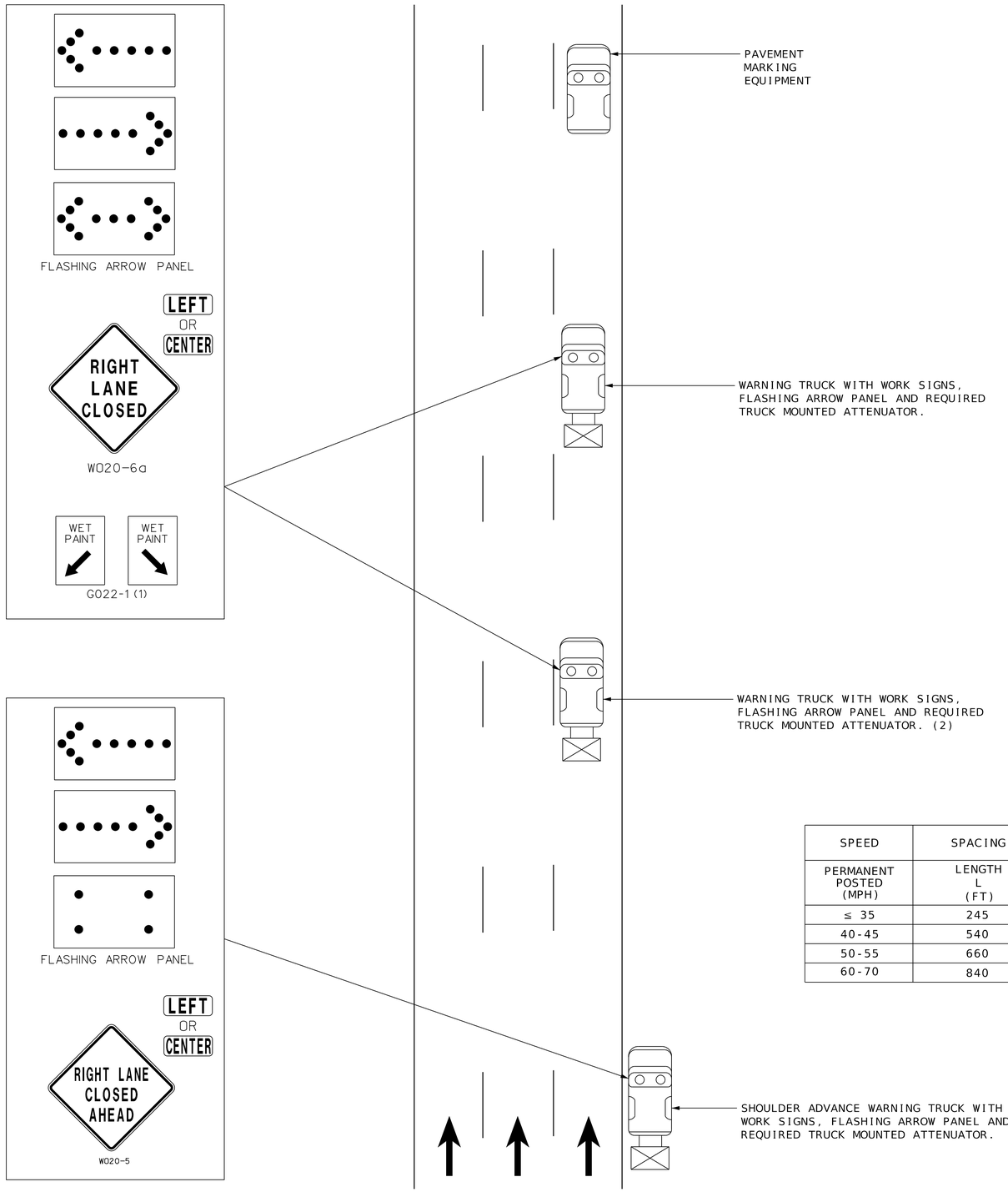
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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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REVISED: 2/19/2026



SPEED	SPACING
PERMANENT POSTED (MPH)	LENGTH L (FT)
≤ 35	245
40-45	540
50-55	660
60-70	840

NOTES:
UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

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 AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT SHALL BE MADE.

(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, WHICH EVER IS GREATER.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED, A SEPARATE FLASHING ARROW PANEL BOARD SHALL BE USED FOR EACH CLOSED LANE.

NOT TO SCALE

PAVEMENT MARKING ON DIVIDED HIGHWAY

TRAFFIC CONTROL SHEET
SHEET 8 OF 20

Jonathan Peitz
2026.08.10 14:39:36-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

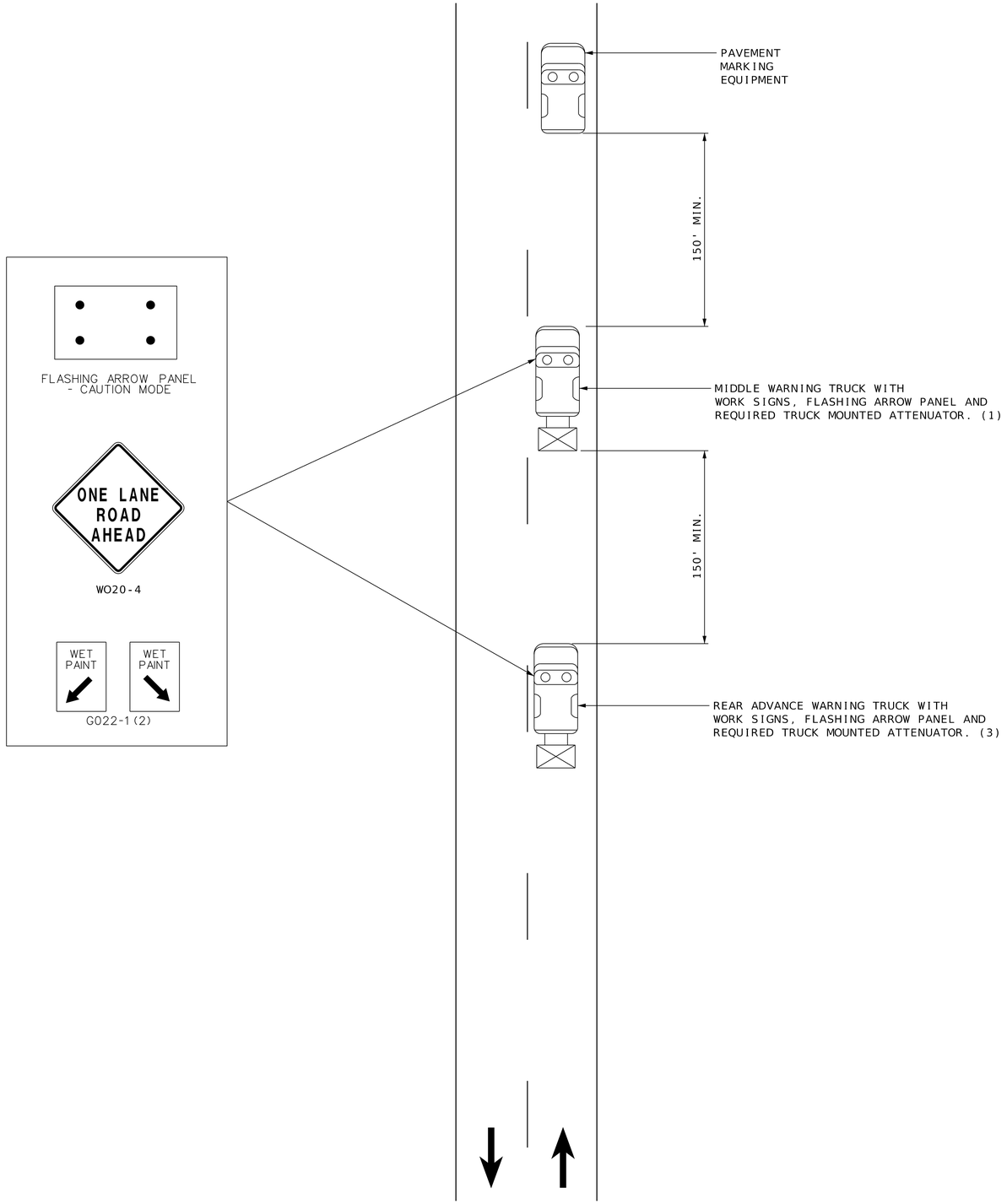
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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: 2/19/2026



PAVEMENT MARKING ON TWO-LANE HIGHWAY

NOTES:
UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

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 AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT SHALL BE MADE.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) 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.

(3) REAR ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN.

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 9 OF 20

Jonathan Peitz
2026.08.10 14:39:36-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	21

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

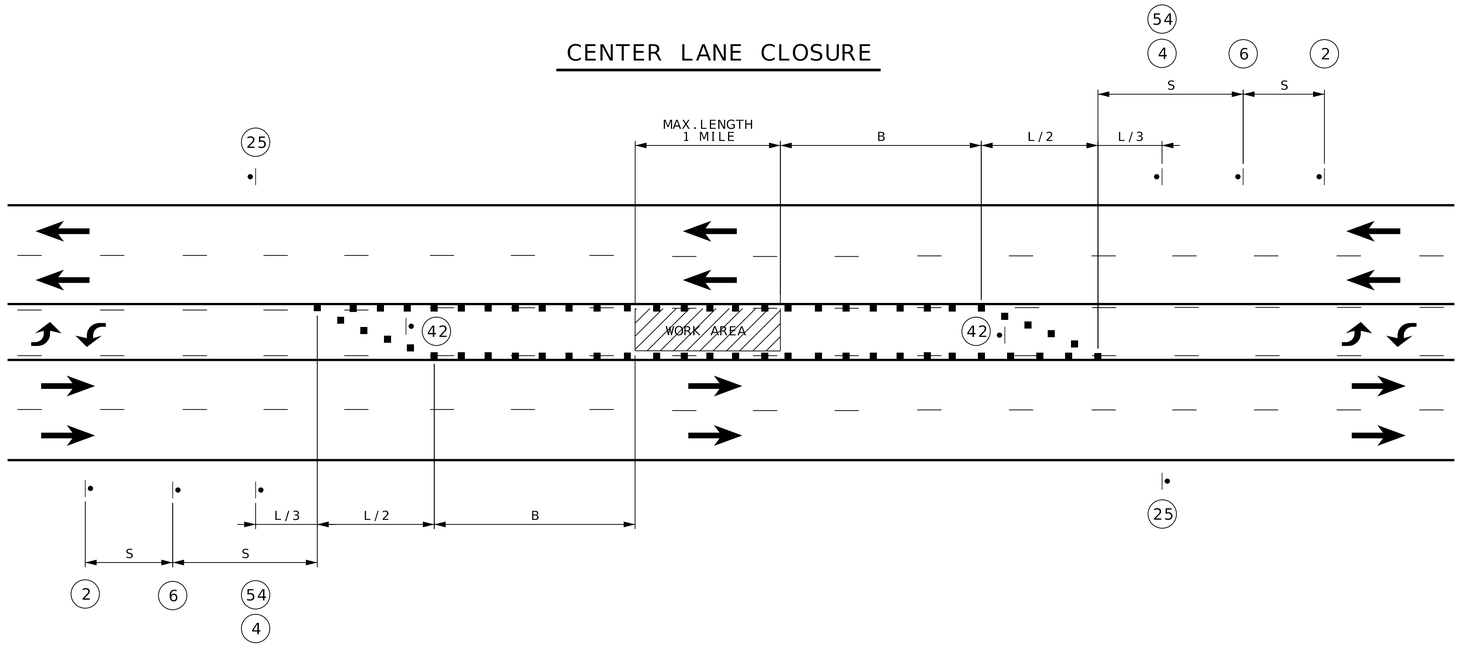
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

REVISED: 2/19/2026

CENTER LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE ZONE" AND "POINT OF PRESENCE" 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. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



WO20-1

(2)



WO20-6

(6)



R4-7a

(42)

GO20-5aP



R2-1

(54)
(4)

(WORK ZONE SPEED)
30 MPH
35 MPH



R2-1

(25)

(NORMAL SPEED)
30 MPH
45 MPH

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 10 OF 20

JONATHAN W. PEITZ - CIVIL ENGINEER
MO# PE-2017019023

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

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

DATE	DESCRIPTION

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

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
NEWTON

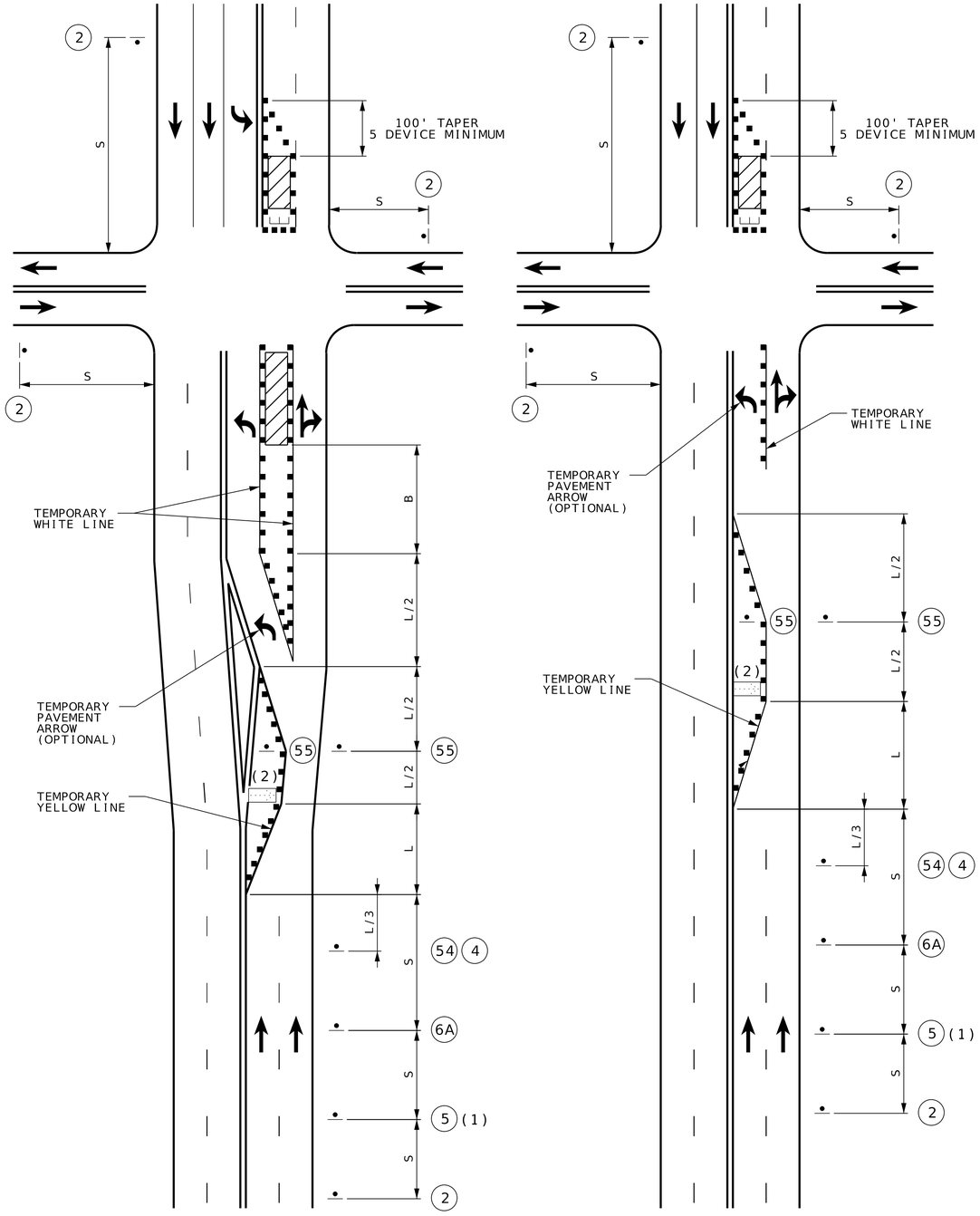
JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REVISED: 3/17/2026



WORK ON NEAR OR FAR SIDE

WORK ON FAR SIDE ONLY

LEFT LANE CLOSURE AT INTERSECTION

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	540	360	40	80
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(1) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(2) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

TRAFFIC CONTROL LEGEND

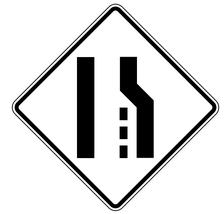
- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



WO20-1
2



WO20-5
5



WO4-2R
6A



R3-7L
55

GO20-5aP





R2-1
54
4
(WORK ZONE SPEED)
30 MPH
35 MPH



R2-1
25
(NORMAL SPEED)
30 MPH
35 MPH
45 MPH

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 11 OF 20

Jonathan Peitz
2026.08.10 14:06:08-05'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE BUS 60
STATE MO
DISTRICT SW
SHEET NO. 23
COUNTY NEWTON
JOB NO. J7S3390
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

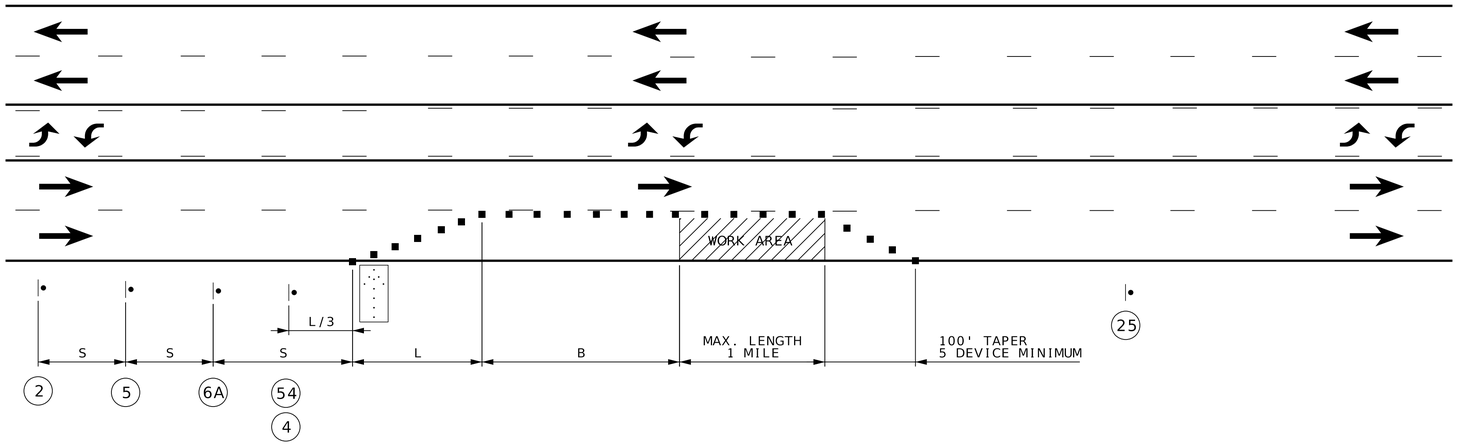
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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: 2/19/2026

OUTSIDE LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

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ALL SIGNS, EXCEPT "NO PHONE ZONE" AND "POINT OF PRESENCE" 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. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

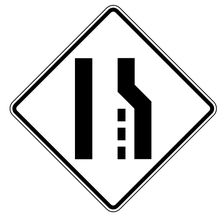
SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



WO20-1
(2)



WO20-5
(5)



WO4-2R
(6A)

GO20-5aP



R2-1
(54)
(4)
(WORK ZONE SPEED)
30 MPH
35 MPH



R2-1
(25)
(NORMAL SPEED)
30 MPH
45 MPH

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 12 OF 20

Jonathan Peitz 2026.08.06 14:09:46-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	24

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

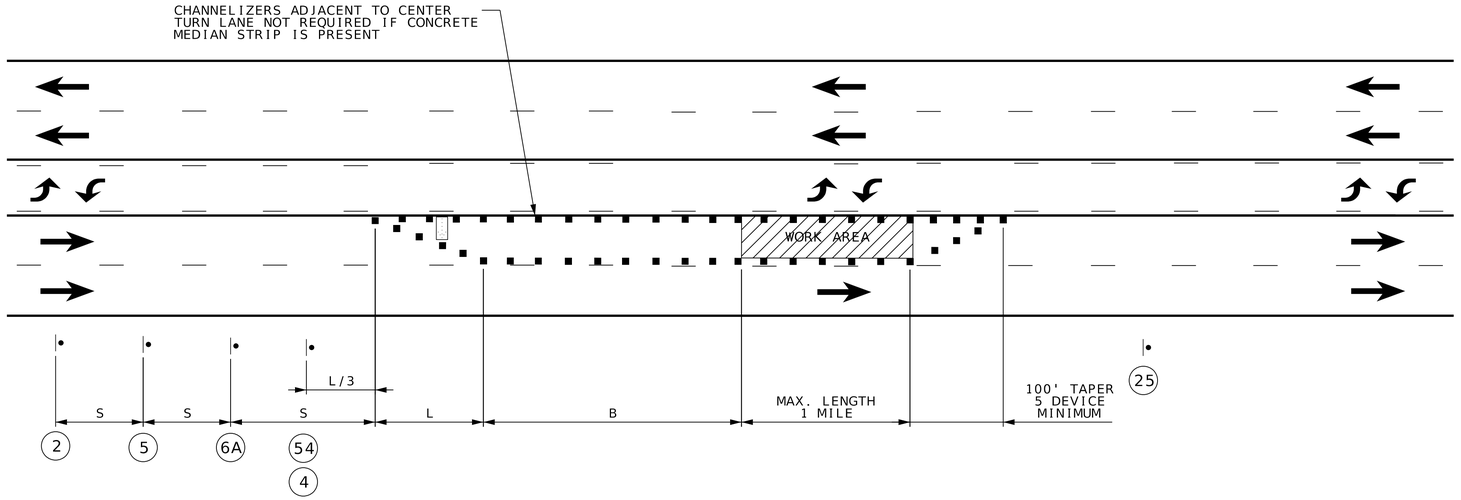
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

F:\2023\00001-00500\023-00372\40-Design\Microstation\J7S3390\plan_sheets\9 Traffic Control\024_TC_12_J7S3390_I1_OUTSIDE_LANE_CLOSURE_5_LANE.dgn 2:02:41 PM 8/10/2026

REVISED: 2/19/2026

PASSING LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

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WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



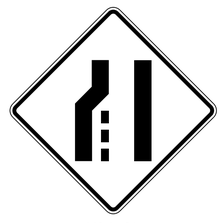
WO20-1

(2)



WO20-5

(5)



WO4-2L

(6A)

GO20-5aP





R2-1

(54)

(4)

(WORK ZONE SPEED)
30 MPH
35 MPH



R2-1

(25)

(NORMAL SPEED)
30 MPH
45 MPH

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 13 OF 20

Jonathan Peitz
2026.08.10 14:49:46-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	25

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

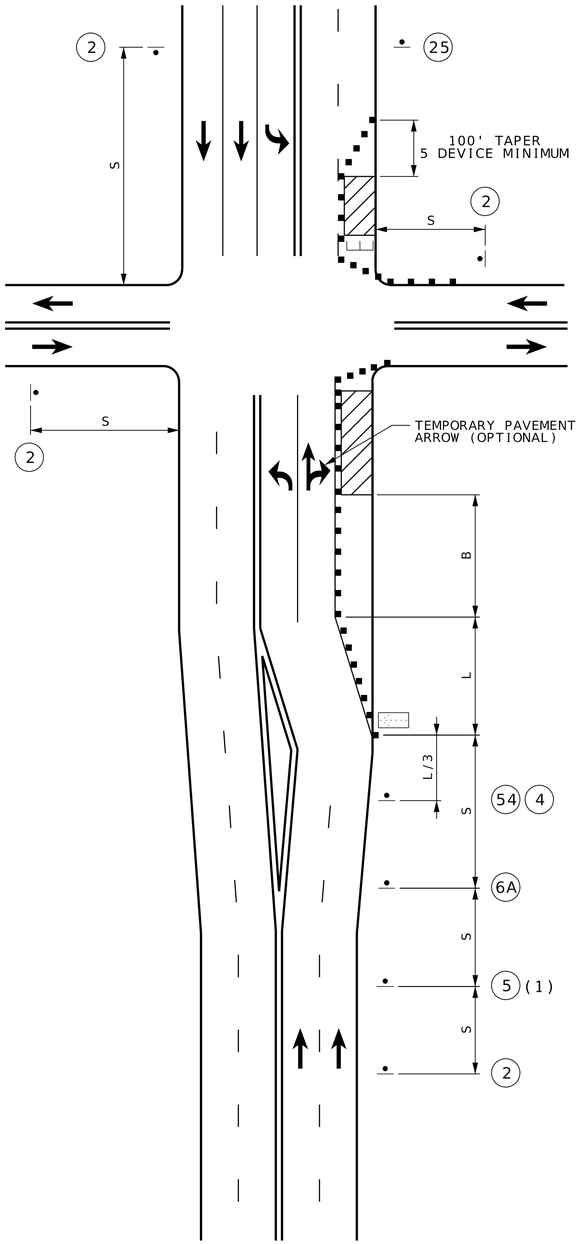
DESCRIPTION	DATE

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

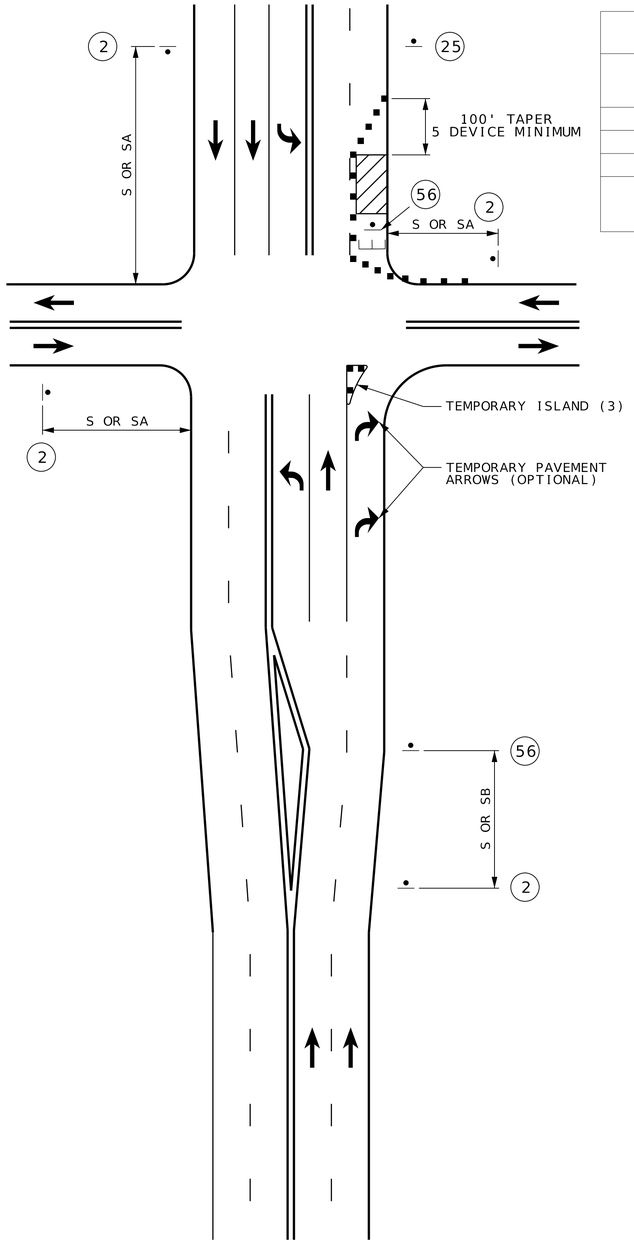
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

REVISED: 3/17/2026



WORK ON NEAR OR FAR SIDE



WORK ON FAR SIDE ONLY (2)

RIGHT LANE CLOSURE AT INTERSECTION

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	540	360	40	80
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:
FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

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(1) RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(2) TYPICAL APPLICATION ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH TRAFFIC TURNS RIGHT.

(3) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.

TRAFFIC CONTROL LEGEND

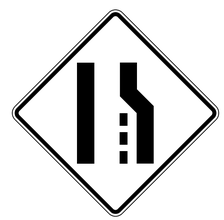
- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



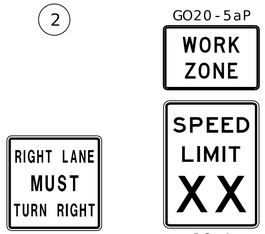
WO20-1
2



WO20-5
5



WO4-2R
6A



R3-7R
56

R2-1
54
4
(WORK ZONE SPEED)
30 MPH
35 MPH

R2-1
25
(NORMAL SPEED)
30 MPH
35 MPH
45 MPH

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 14 OF 20

Jonathan Peitz 2026.08.10 14:09:36 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	26

COUNTY
NEWTON

JOB NO.
J7S3390

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

REVISED: 2/19/2026

RIGHT SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT (DIVIDED HIGHWAY)

SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	500	450	495	540	360	40	80
50-55	1000	550	605	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

(1) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



WO20-1

2



WO21-5bR

21B



WO21-5aR

21A



R2-1

25

(NORMAL SPEED)



WO5-1





(1)

WO7-3a

43 *

GO20-5aP





R2-1

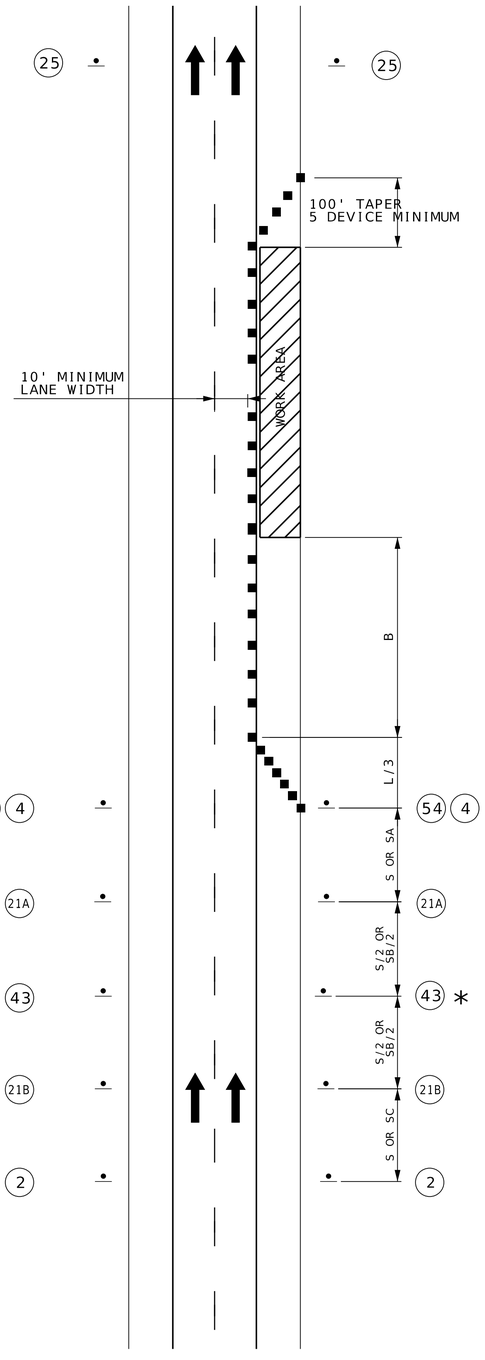
54

4

*OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- • SIGN (SINGLE SIDED)
- ■ CHANNELIZER



NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 15 OF 20

Jonathan Peitz 2026.08.10 14:09:34-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	27

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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

SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT (UNDIVIDED HIGHWAY)

REVISED: 2/19/2026

SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

(1) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



WO20-1

(2)



WO21-5

(21)



WO5-1

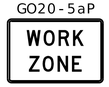


(1)

WO7-3a

(43) *

GO20-5aP





R2-1

(54)
(4)

(WORK ZONE SPEED)
35 MPH
45 MPH



R2-1

(25)

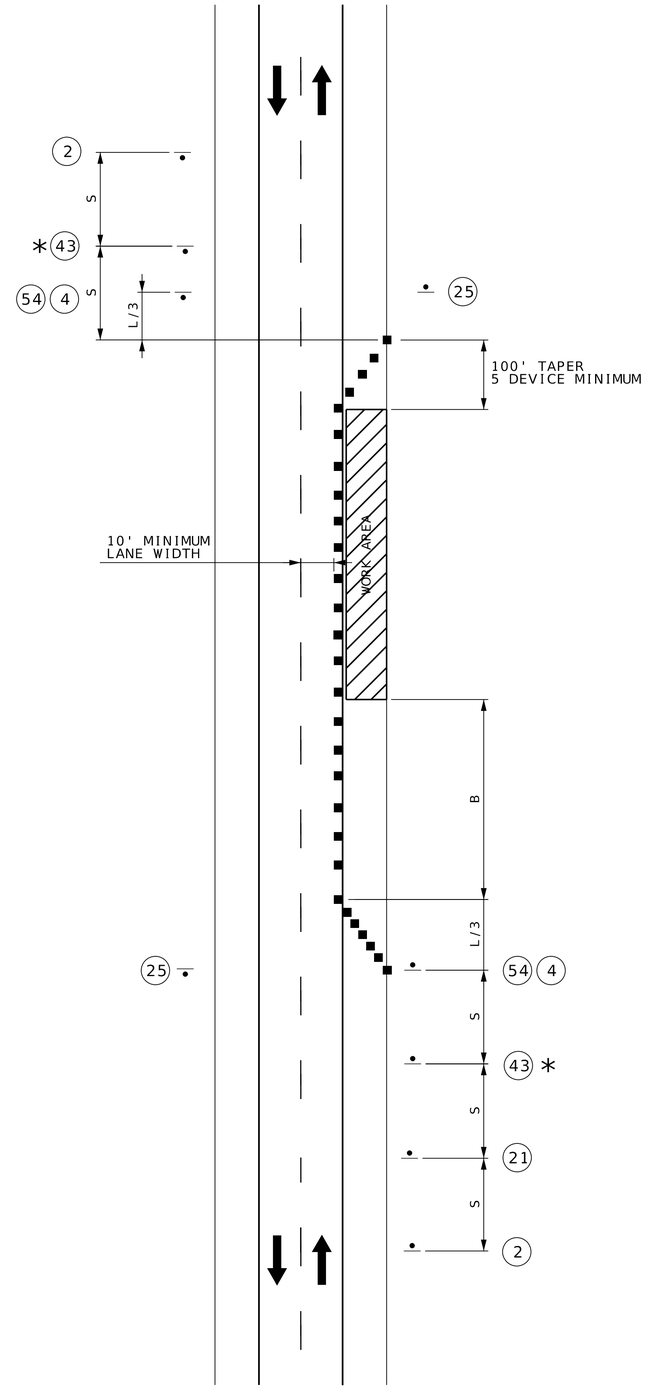
(NORMAL SPEED)
35 MPH
45 MPH
55 MPH

* OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

■ CHANNELIZER



NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 16 OF 20

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

Jonathan Peitz 2026.08.10 14:39:36 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	28

COUNTY
NEWTON

JOB NO.
J7S3390

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)

MoDOT

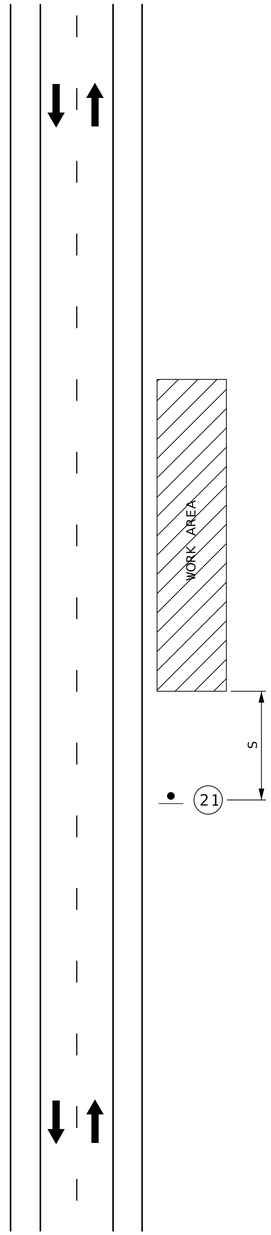
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

F:\2023\00001-00500\023-00372\40-Design\Microstation\J7S3390\plan_sheets\9 Traffic Control\028_TC_16_J7S3390_I1_SHOULDER_WORK_MINOR_ENCROACHMENT_UNDIVIDED.dgn 2:02:45 PM 8/10/2026

REVISED: 2/19/2026

WORK BEYOND THE SHOULDER

(UNDIVIDED HIGHWAY)



SPEED	SIGN SPACING (FT) (1)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)
0-35	200
40-45	350
50-55	500
60-70	1000

SPACING NOTES:

(1) SPACING BETWEEN SIGNS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.



WO21-5

21

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 17 OF 20

Jonathan Peitz
2026.08.10 15:39:40-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	29

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

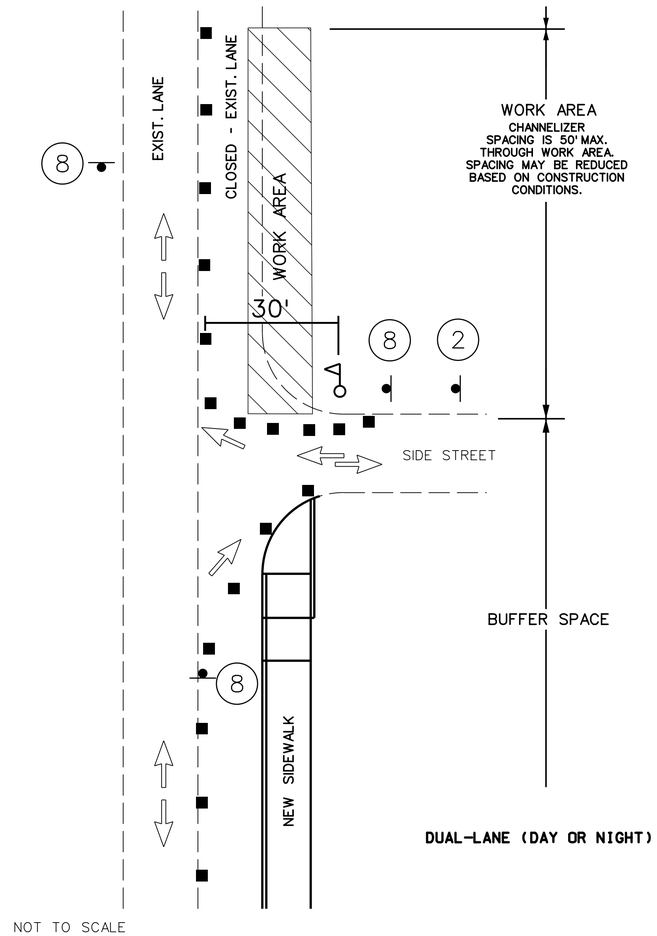
MoDOT

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

F:\2023\00001-00500\023-00372\40-Design\Microstation\J7S3390\plan_sheets\9 Traffic Control\029_TC_17_J7S3390_I1_WORK_BEYOND_SHOULDER_UNDIVIDED.dgn 2:02:46 PM 8/10/2026

SIDE STREET FLAGGING DETAIL



NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 18 OF 20

Jonathan Peitz
2026.08.06 15:09:08-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	30

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

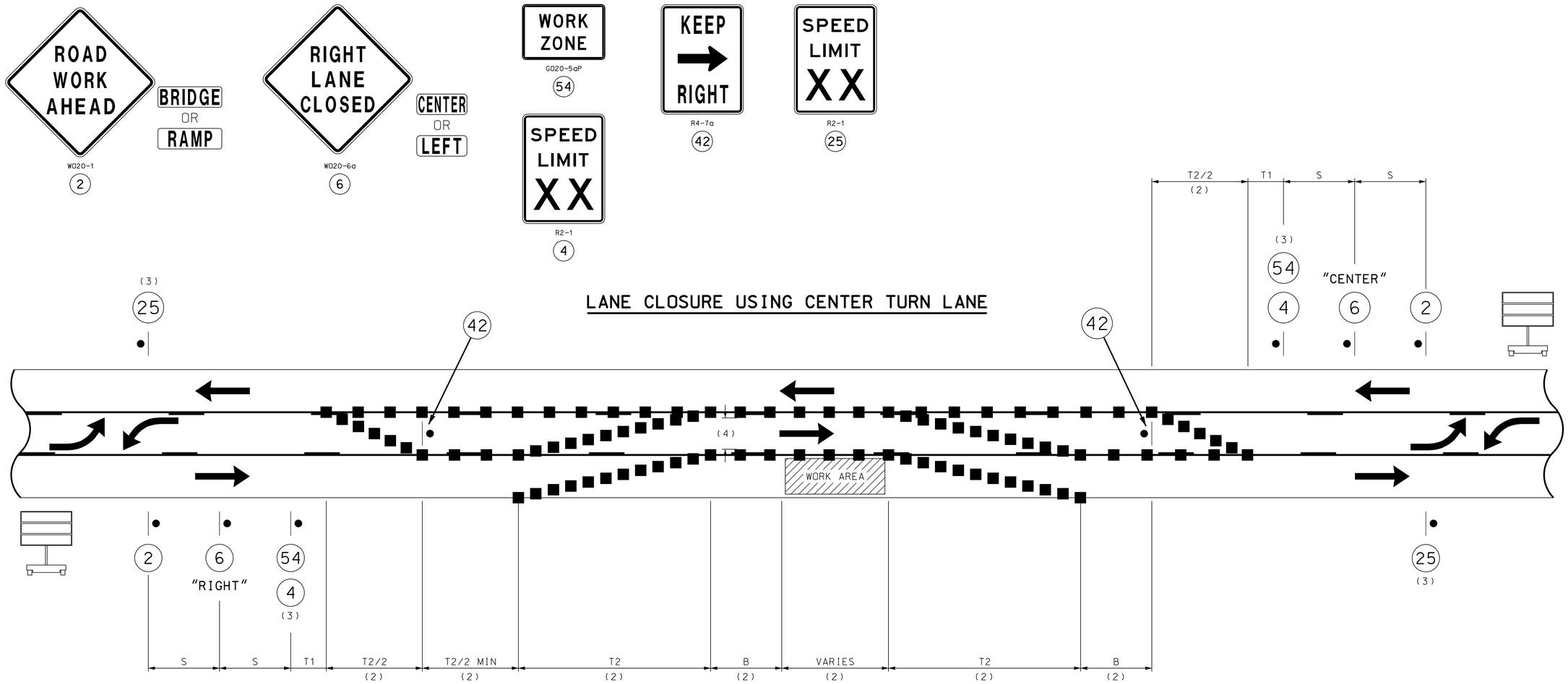
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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:

ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BE THE ENGINEER.

ANY EXISTING SIGNING OR PAVEMENT MARKING THAT CONFLICTS WITH THE TRAFFIC CONTROL SHALL BE COMPLETELY COVERED OR REMOVED AT NO DIRECT PAY.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES. NO DIRECT PAY.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVMENT MARKING, CHANNELIZER SPACINGS SHALL BE ONE-HALF OF THE SPACINGS SHOWN IN THE TABLE.

CHANNELIZER SPACINGS SHALL BE REDUCED TO ONE-HALF OF THE SPACINGS SHOWN IN THE TABLE AT INTERSECTIONS.

NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS OR FLASHING ARROW PANEL.

REDUCED SPEED LIMIT SIGNING SHALL BE REMOVED, COVERED OR TURNED FROM TRAFFIC WHEN CONDITIONS REQUIRING THE REDUCED SPEED NO LONGER EXIST.

SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDING NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT ½ MILE.

SEE STANDARD PLAN 616.10 FOR ADDITIONAL DETAILS.

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

(2) SEE TABLE FOR CHANNELIZER SPACING AND TAPER AND BUFFER LENGTHS.

(3) OMIT SPEED LIMIT SIGNS IN AREAS WHERE THE POSTED SPEED LIMIT IS LESS THAN 45 MPH.

(4) 10′ MINIMUM

SPEED	SIGN SPACING (FT) (1)		CHANNELIZER SPACING (FT)		BUFFER LENGTH (FT) (B)	TAPER LENGTH (FT)		LONGITUDINAL TRANSITION (FT) (X)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	TAPERS	BUFFER/ WORK AREAS		SHOULDER[1] (T1)	LANE[2] (T2)	
0-35	200	200	35	40	280	70	245	490
40-45	350	500	40	80	400	150	540	1080
50-55	500	1000	50	80	560	185	660	1320
60-70	1000	SA - 1000 SB - 1500 SC - 2640	60	120	840	235	840	1680

[1]BASED ON 10′ SHOULDER WIDTH
[2]BASED ON 12′ LANE WIDTH

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- CHANGEABLE MESSAGE BOARD

TRAFFIC CONTROL SHEET
SHEET 19 OF 20

Jonathan Peitz 2026.08.06 15:58:09-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	31

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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

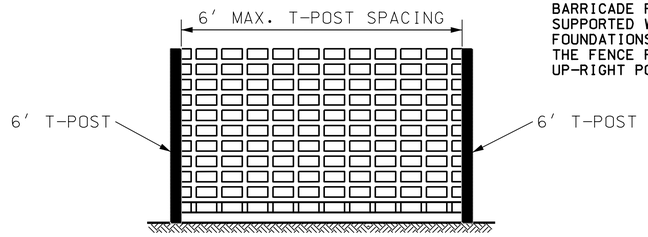
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

REVISED: 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.

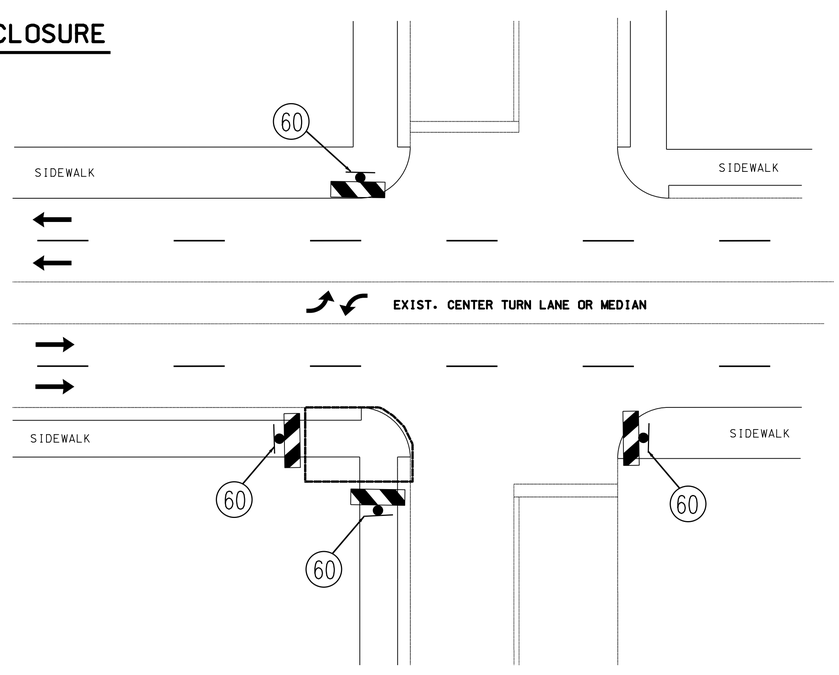
ORANGE PLASTIC SAFETY FENCE

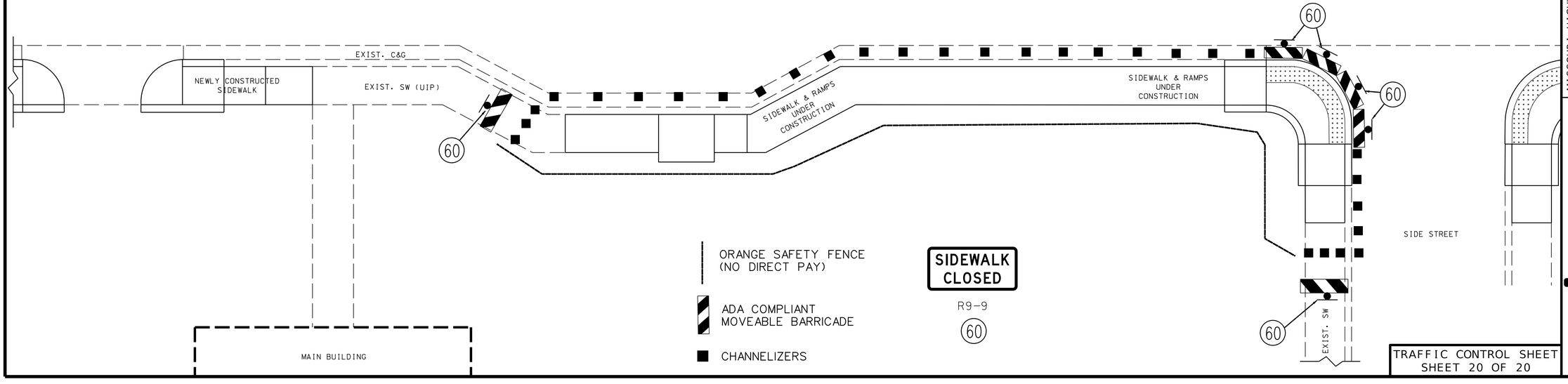


NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST. ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

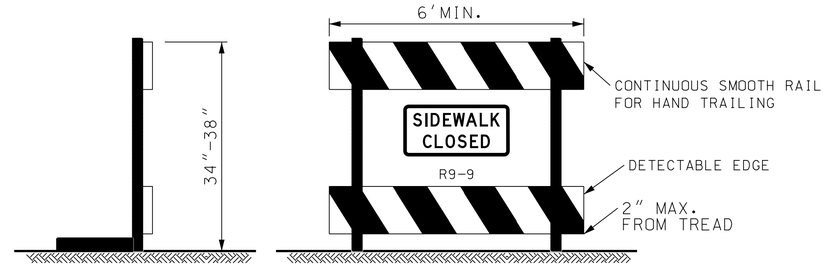
MULTI-LANE TYPICAL SIDEWALK CLOSURE

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
SHEET 20 OF 20

Jonathan Peitz 2026.08.10 15:59:08-05'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 8/10/2026
ROUTE: BUS 60 | STATE: MO
DISTRICT: SW | SHEET NO.: 32
COUNTY: NEWTON
JOB NO.: J7S3390
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY 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: 11-18-2021

NOTES:

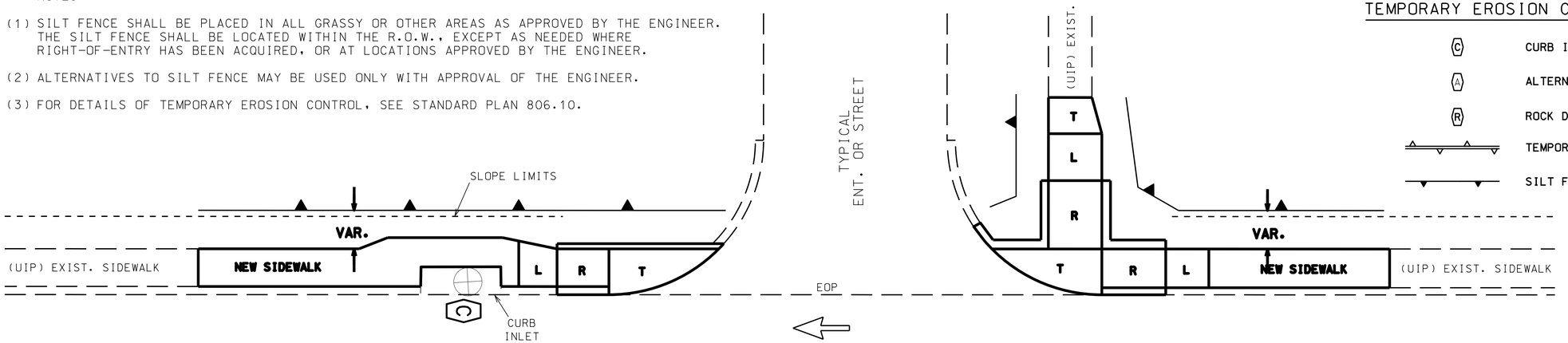
(1) SILT FENCE SHALL BE PLACED IN ALL GRASSY OR OTHER AREAS AS APPROVED BY THE ENGINEER. THE SILT FENCE SHALL BE LOCATED WITHIN THE R.O.W., EXCEPT AS NEEDED WHERE RIGHT-OF-ENTRY HAS BEEN ACQUIRED, OR AT LOCATIONS APPROVED BY THE ENGINEER.

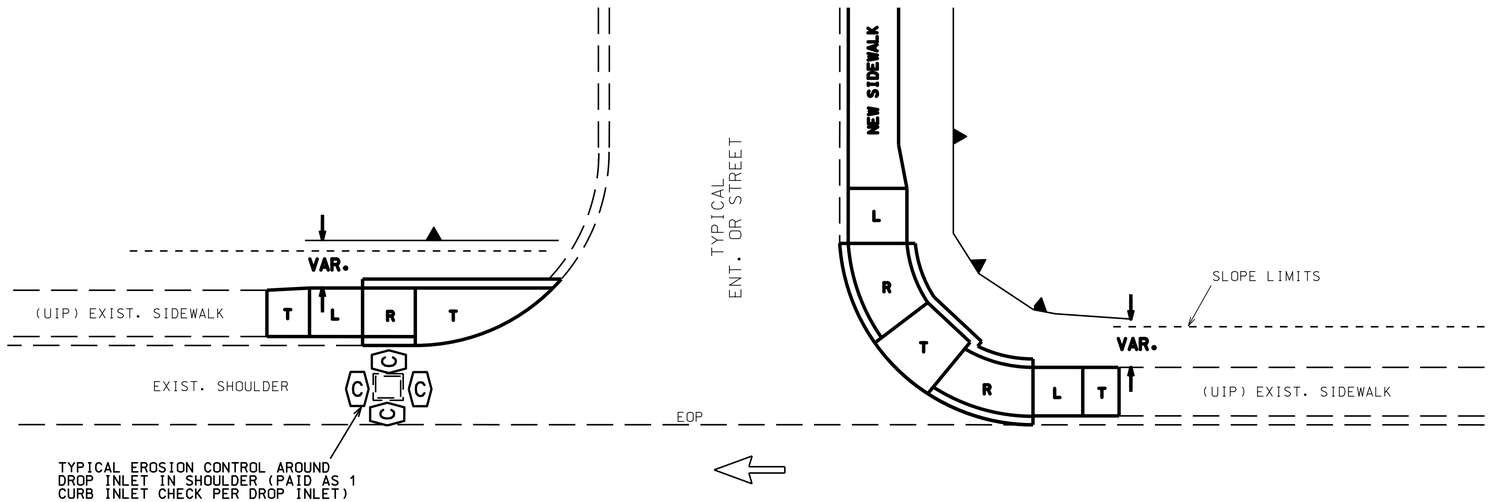
(2) ALTERNATIVES TO SILT FENCE MAY BE USED ONLY WITH APPROVAL OF THE ENGINEER.

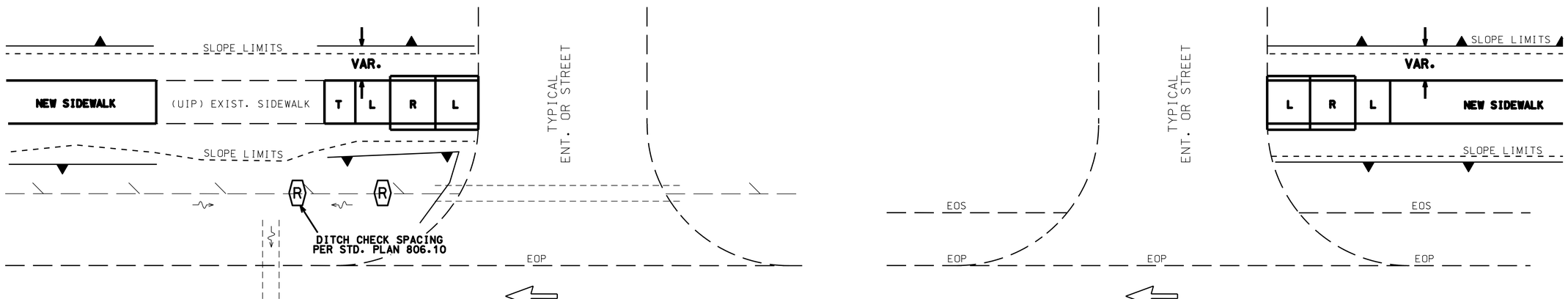
(3) FOR DETAILS OF TEMPORARY EROSION CONTROL, SEE STANDARD PLAN 806.10.

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 CURB RAMP & SIDEWALK CONSTRUCTION

EROSION CONTROL SHEET
SHEET 1 OF 3

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

Jonathan Peitz 2026.08.10 15:09:36 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	33

COUNTY: NEWTON
JOB NO.: J7S3390
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

REVISED: 11-18-2021

NOTES:

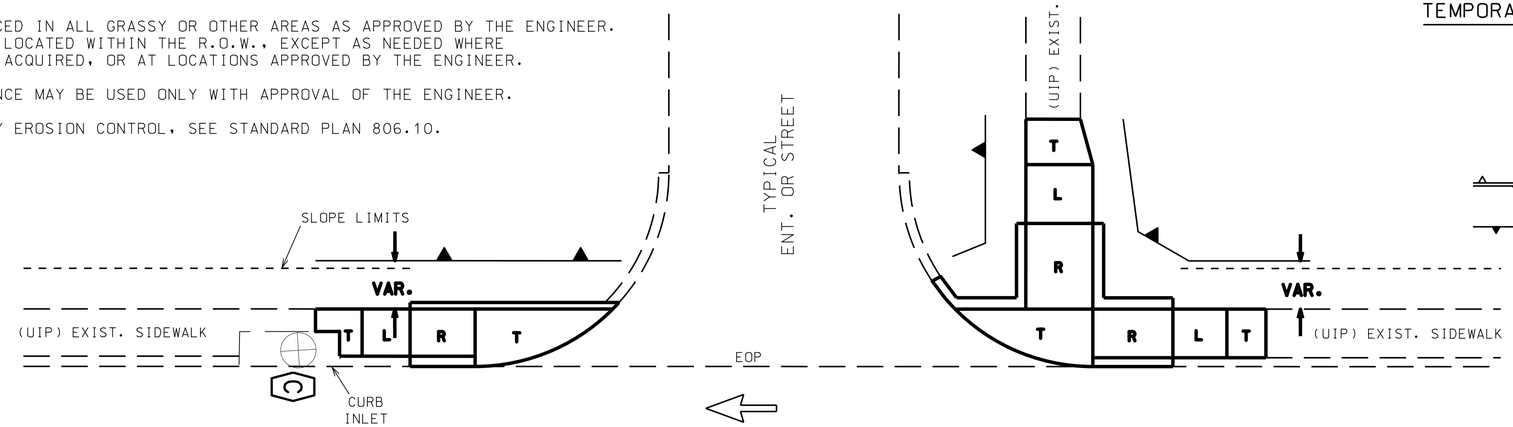
(1) SILT FENCE SHALL BE PLACED IN ALL GRASSY OR OTHER AREAS AS APPROVED BY THE ENGINEER. THE SILT FENCE SHALL BE LOCATED WITHIN THE R.O.W., EXCEPT AS NEEDED WHERE RIGHT-OF-ENTRY HAS BEEN ACQUIRED, OR AT LOCATIONS APPROVED BY THE ENGINEER.

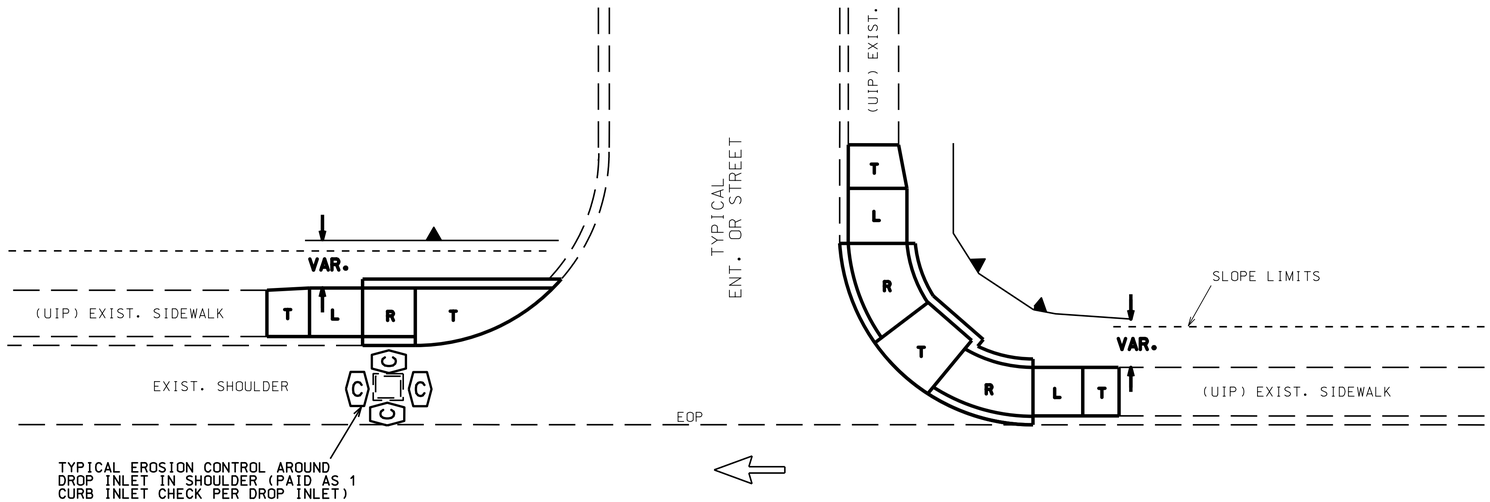
(2) ALTERNATIVES TO SILT FENCE MAY BE USED ONLY WITH APPROVAL OF THE ENGINEER.

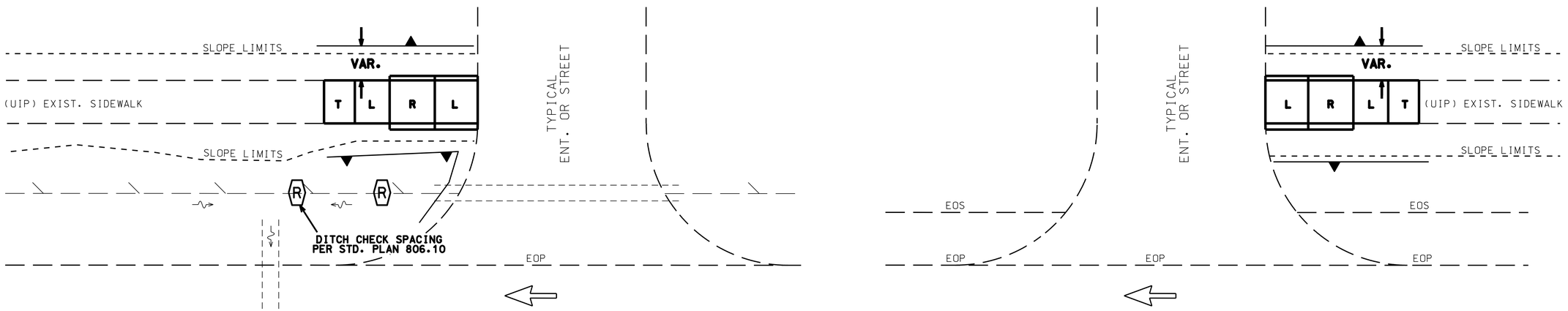
(3) FOR DETAILS OF TEMPORARY EROSION CONTROL, SEE STANDARD PLAN 806.10.

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 CURB RAMP CONSTRUCTION

EROSION CONTROL SHEET
SHEET 2 OF 3

Jonathan Peitz 2026.08.10 15:09:06-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	34

COUNTY
NEWTON

JOB NO.
J7S3390

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: 11-18-2021

NOTES:

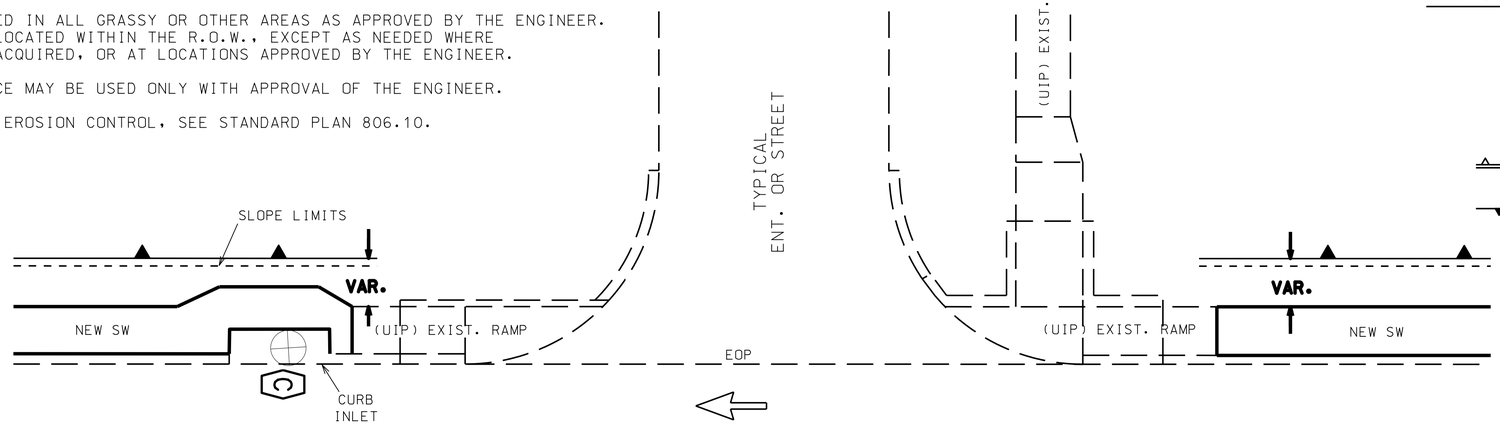
(1) SILT FENCE SHALL BE PLACED IN ALL GRASSY OR OTHER AREAS AS APPROVED BY THE ENGINEER. THE SILT FENCE SHALL BE LOCATED WITHIN THE R.O.W., EXCEPT AS NEEDED WHERE RIGHT-OF-ENTRY HAS BEEN ACQUIRED, OR AT LOCATIONS APPROVED BY THE ENGINEER.

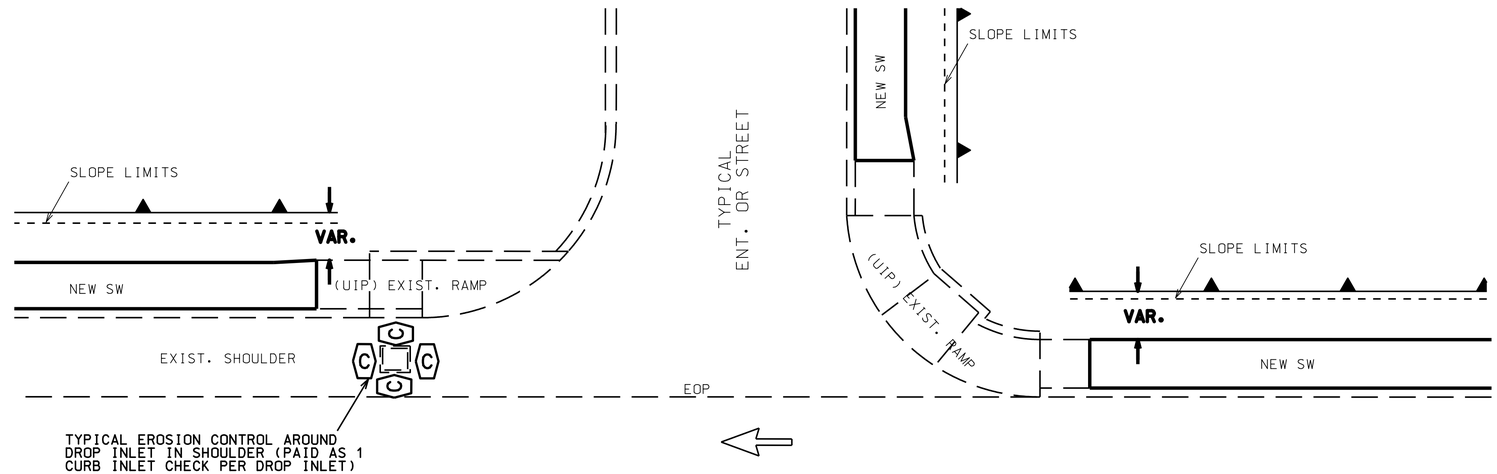
(2) ALTERNATIVES TO SILT FENCE MAY BE USED ONLY WITH APPROVAL OF THE ENGINEER.

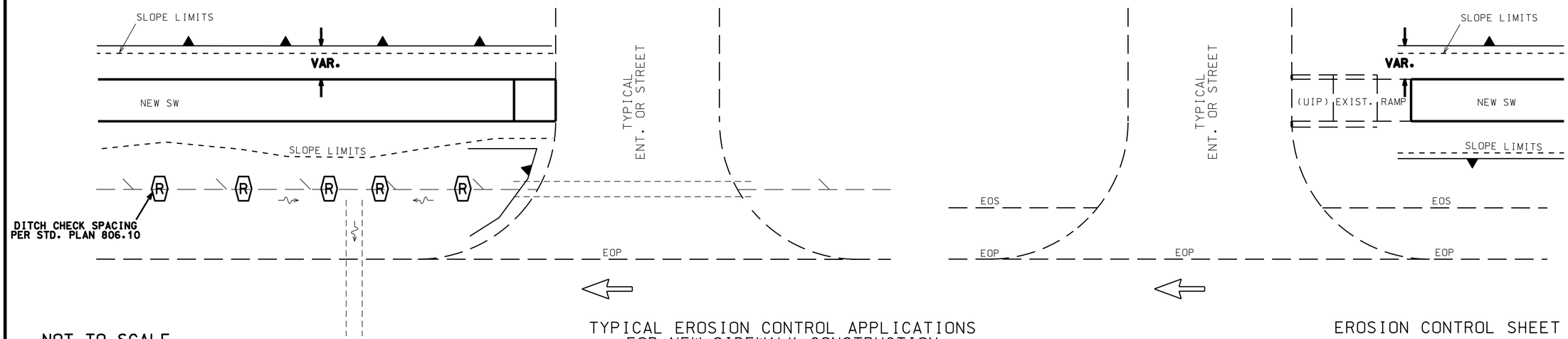
(3) FOR DETAILS OF TEMPORARY EROSION CONTROL, SEE STANDARD PLAN 806.10.

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 3 OF 3

Jonathan Peitz 2026.08.10 15:09:36 -05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	35

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

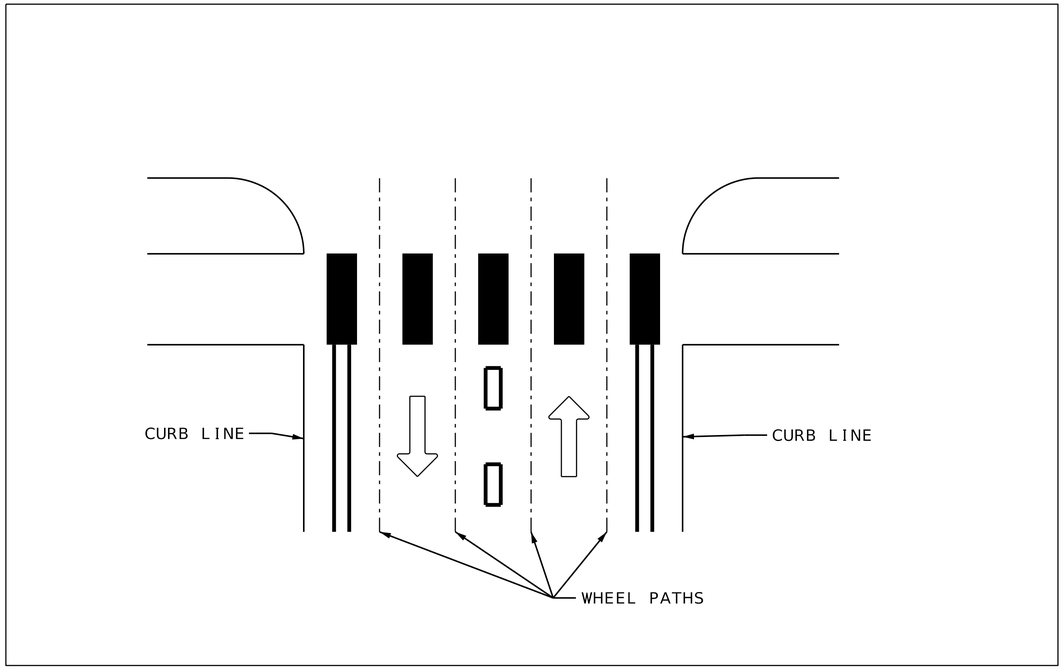
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

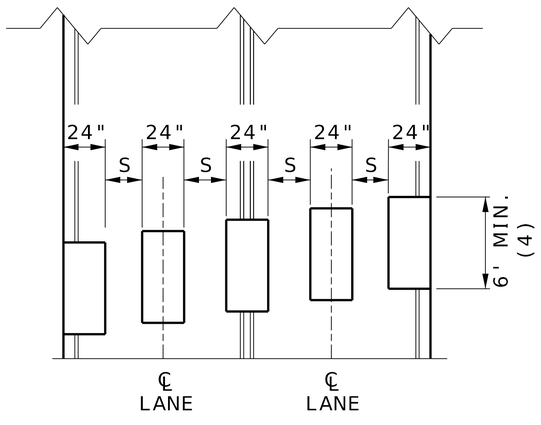
PEDESTRIAN CROSSING EXAMPLE



NOTES:
SEE STANDARD PLANS 620.00 FOR SPACING REQUIREMENTS.
MIDBLOCK SPACING DOES NOT HAVE TO BE EQUAL THROUGHOUT THE CROSSWALK RUN.
SPACING CAN VARY TO ELIMINATE MIDBLOCKS BEING IN THE WHEEL PATH.
MIDBLOCKS SHOULD EXTEND FROM CURB TO CURB AND CAN BE PLACED IN THE GUTTER
HALF BLOCKS MAY BE USED AT CURBS WHERE FULL BLOCKS WILL NOT FIT.

(4) MINIMUM CROSSWALK WIDTH SHALL BE 8' AT A NON-INTERSECTION CROSSWALK WHERE THE POSTED SPEED LIMIT IS 40 MPH OR GREATER.

"S" SPACING TO AVOID WHEEL PATHS BUT SHALL NOT EXCEED 48". IF SHOULDERS EXIST, THE PATTERN SHALL EXTEND TO THE CURB ADDING BARS AS NEEDED.



LONGITUDINAL BAR CROSSWALK	
NUMBER OF 10'-12' LANES	NUMBER OF 24" WHITE BARS
1	3
2	5
3	7
4	9
5	11

NOT TO SCALE

PAVEMENT MARKING
SHEET 1 OF 1

Jonathan Peitz
2026.08.10 15:39:30-05'00'

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED
8/10/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
SW	36

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

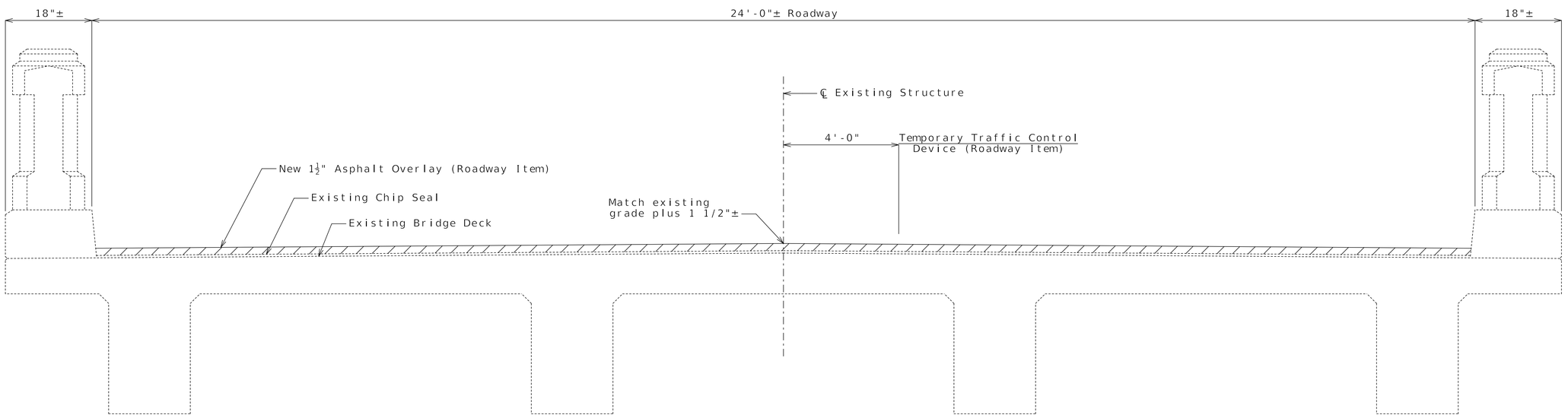
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

SEC/SUR 18 TWP 25N RGE 31W

U.I.P. AND REHABILITATE EXISTING (35',35',35') SIMPLE REINFORCED CONCRETE DECK GIRDER SPANS (SKEW: 25° L.A.)



TYPICAL SECTION THRU EXISTING SLAB

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 5

Design Loading:

H15 (1931)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: BUSINESS ROUTE 60 OVER HICKORY CREEK

BUSINESS ROUTE 60 FROM ROUTE 86 TO ROUTE 59
ABOUT 0.8 MILE NORTH OF ROUTE 86
BEGINNING STATION 78+15.00± (Match Existing)

Detailed June 2026
Checked July 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
GARRETT L. HAGER
NUMBER PE-2023000437
PROFESSIONAL ENGINEER
Garrett L. Hager
GARRETT L. HAGER - CIVIL
MO-PE-2023000437

DATE PREPARED
7/14/2026

ROUTE	STATE
BUS 60	MO
DISTRICT	SHEET NO.
BR	1

COUNTY
NEWTON

JOB NO.
J7S3390

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
J06231

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 BARRY COUNTY

DESIGN DESIGNATION

A.A.D.T. - 2026 = 1871

T = 9.3%

V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION- MINOR COLLECTOR

NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS

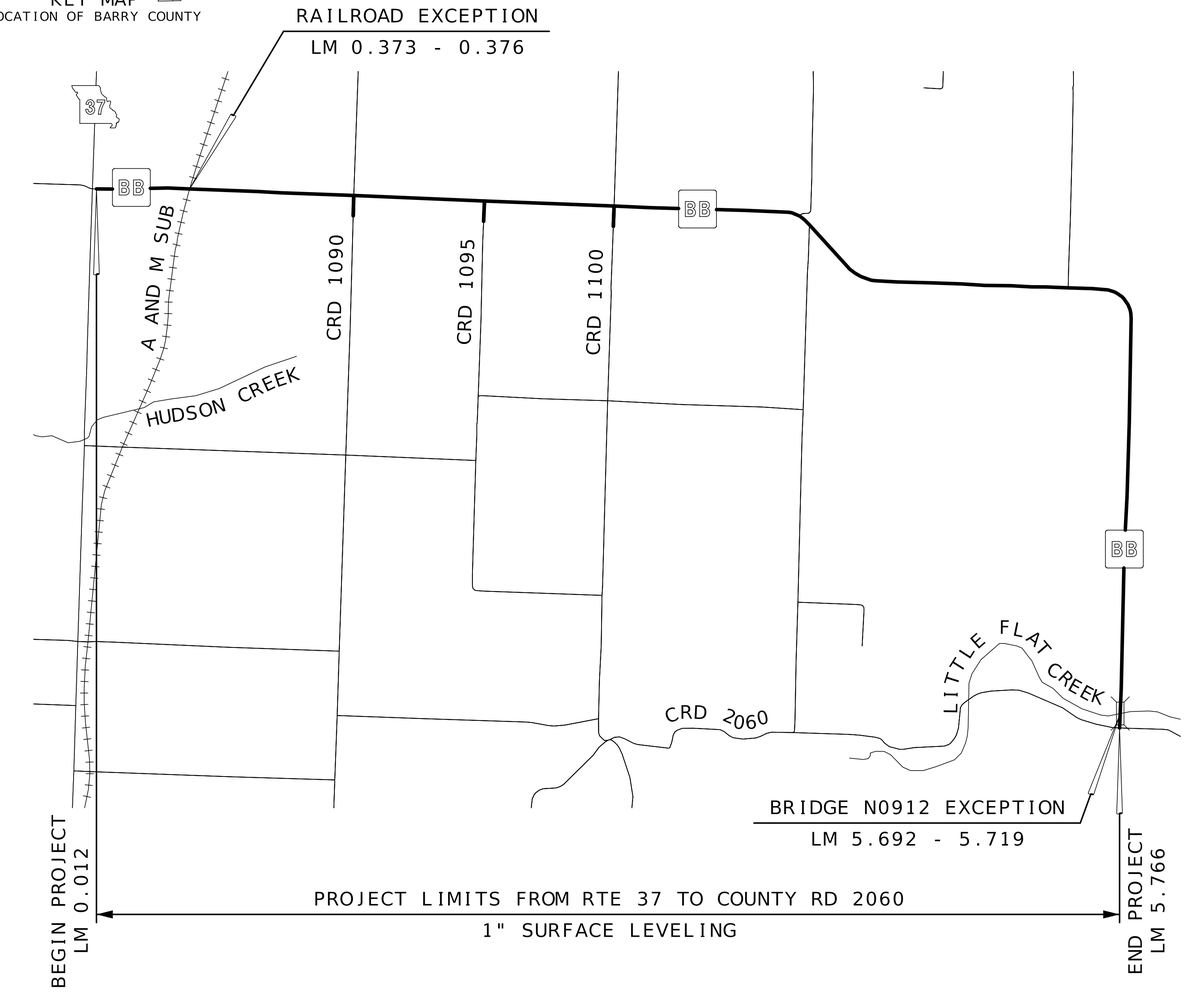
(USED IN PLANS)

	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



KEY MAP
LOCATION OF BARRY 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

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (4 SHEETS)	2
QUANTITIES (QU) (3 SHEETS)	3
SPECIAL SHEETS (SS)	4-9
TRAFFIC CONTROL SHEETS (TC)	10-15
SIGNING (SN)	16-17

LENGTH OF PROJECT

LOG MILES FROM 2026 ARAN

RTE. 37 TO COUNTRY RD 2060		
BEGINNING OF PROJECT	LM. 0.012	
END OF PROJECT	LM. 5.766	
APPARENT LENGTH	30,381.12	FEET
EQUATIONS AND EXCEPTIONS:		
BRIDGE N0912 EXCEPTION: LM: 5.692 - 5.719	142.56	FEET
RAILROAD EXCEPTION: LM: 0.373 - 0.376	15.84	FEET
TOTAL CORRECTIONS	158.40	FEET
NET LENGTH OF PROJECT	30,222.72	FEET
STATE LENGTH	5.724	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.000	ACRES

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:41:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026

ROUTE	STATE
BB	MO

DISTRICT	SHEET NO.
SW	1

COUNTY: BARRY

JOB NO.: J7S3493

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION | DATE

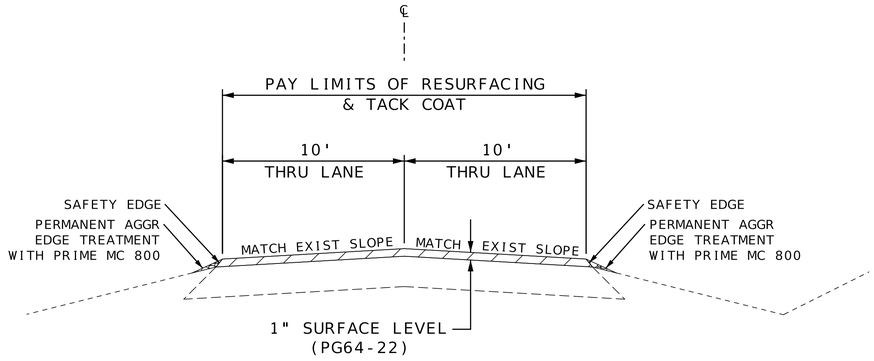
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	
COMBINED FACTOR	
SURFACE LEVEL	1.970 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
COLDMILL	0.10 GAL/SY
PERMANENT AGGREGATE EDGE TREATMENT	
AGGREGATE	200 TON/MILE
PRIME MC 800	590 GAL/MILE
IRREGULARITIES:	75 TONS/MI



ROUTE BB

LOG MILE 0.012 TO LOG MILE 5.766

BRIDGE N0912 EXCEPTION
LOG MILE 5.692 TO LOG MILE 5.719

RAILROAD EXCEPTION
LOG MILE 0.373 TO LOG MILE 0.376

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:41:56 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: BARRY

JOB NO.: J7S3493

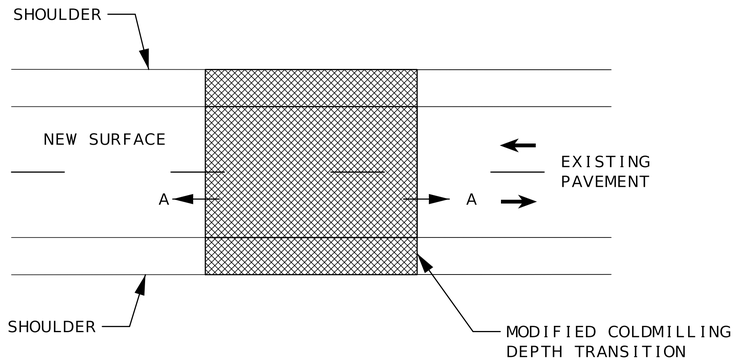
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PROJECT NO.:

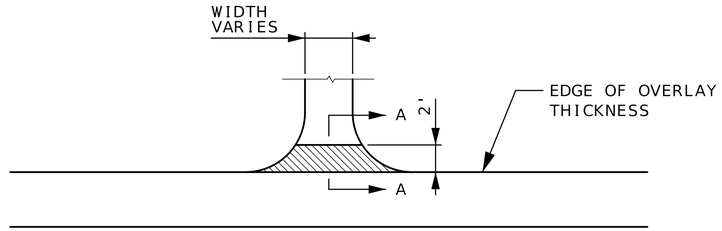
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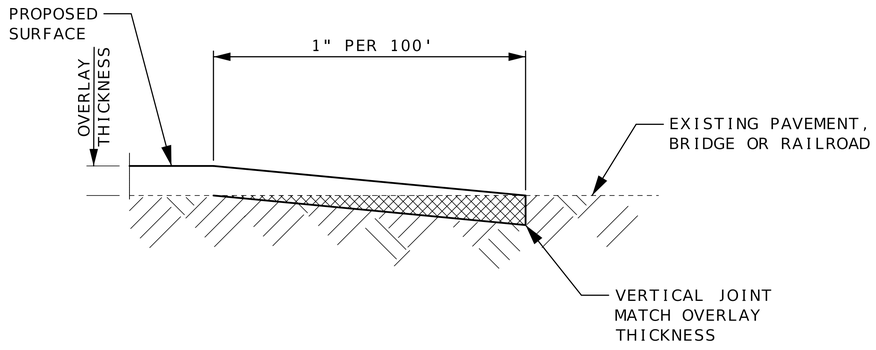
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



MAINLINE, BRIDGE, AND RAILROAD PLAN

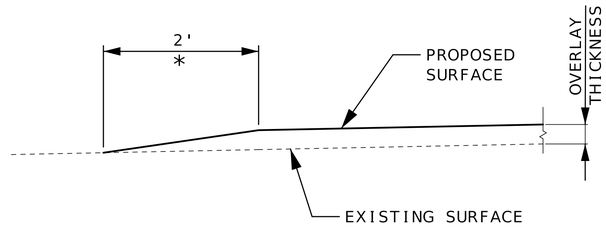




SECTION A-A

TRANSVERSE JOINT TRANSITION FOR SINGLE LIFT
PROJECT BEGINNING, END, BRIDGE, OR RAILROAD

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.



SECTION A-A

TYPICAL ENTRANCE - NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

NOTE: 4 TONS GRAVEL A OR CRUSHED STONE
CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:41:56 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: BARRY
JOB NO.: J7S3493
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

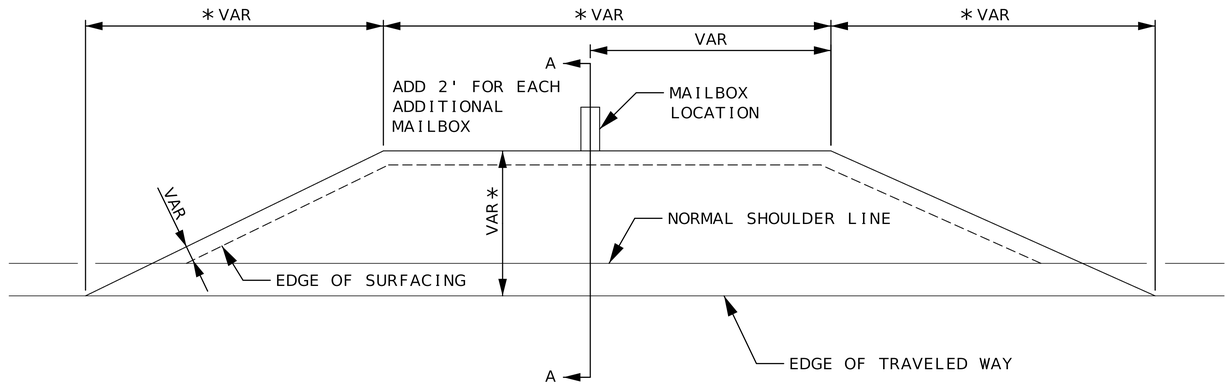
DESCRIPTION	DATE

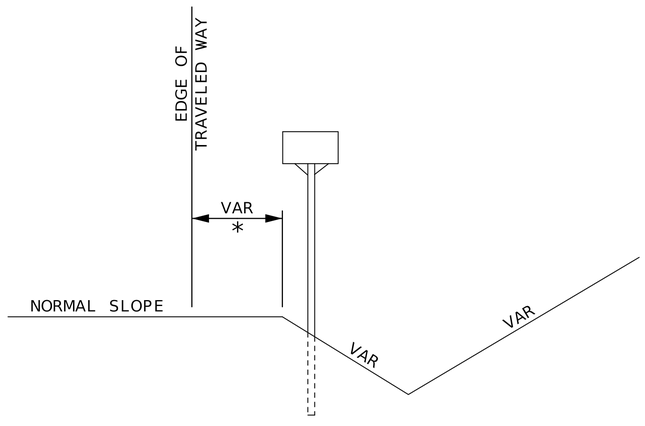
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND
15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL
MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

TYPICAL MAILBOX TURNOUT

*AS APPROVED BY THE ENGINEER





SECTION A-A
NO SHOULDER

TYPICAL SECTIONS
SHEET 3 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:42:08 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
BARRY

JOB NO.
J7S3493

CONTRACT ID.

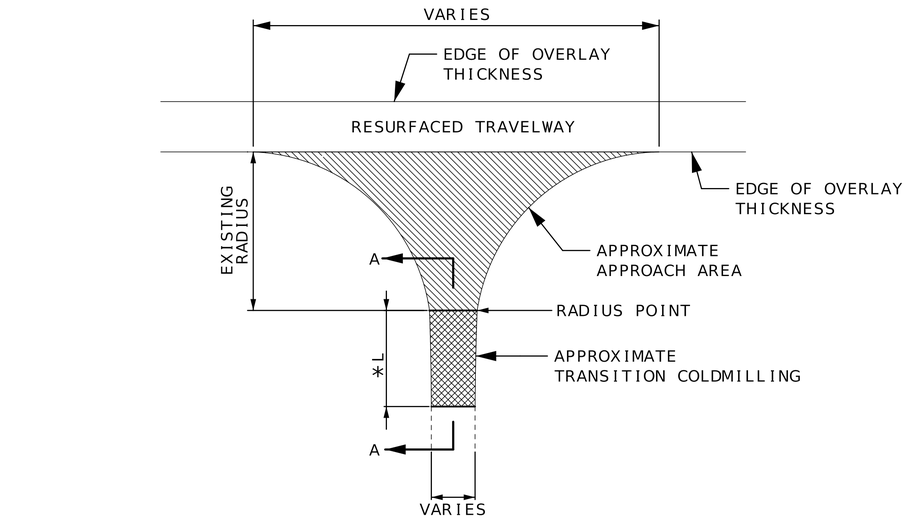
PROJECT NO.

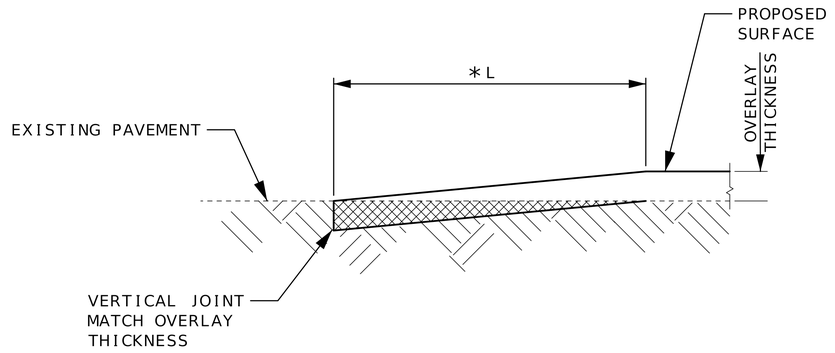
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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





SECTION A-A

SURFACING REQUIREMENTS FOR
OVERLAYS AT STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LENGTHS

OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 ¾"	50.0'
2"	60.0'

TYPICAL SECTIONS
SHEET 4 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:42:09 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: BARRY
JOB NO.: J7S3493
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 LUMP SUM
CONTRACTOR FURNISHED SURVEYING & STAKING

188 TONS
GRAVEL (A) OR CRUSHED STONE (B)

1 LUMP SUM
MOBILIZATION

REMOVAL OF IMPROVEMENTS								
ROUTE	LOG MILE	TO	LOG MILE	LOCATION	DESCRIPTION	UNITS	TOTAL	REMARKS
BB	0.250	–		RT	SIGN	EA	1	W10-1
BB	5.678	–		RT	SIGN	EA	3	OM3-R
BB	5.678	–		LT	SIGN	EA	3	OM3-L
BB	5.719	–		LT	SIGN	EA	3	OM3-L
BB	5.719	–		RT	SIGN	EA	3	OM3-R
BB	0.470	–		LT	SIGN	EA	1	W10-1
						TOTAL	1 LUMP SUM	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACE (3 IN. THICK OR LESS)							
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	AREA SY	REMARKS
BB	5.719	–	5.766	255.0	VAR	654.0	SOUTH OF BRIDGE N0912
					TOTAL	654.0	
					USE	654	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)							
ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	AREA SY	REMARKS
BB	0.012	–	0.031	100.0	VAR	367.0	APPROACH AREA TO MO 37
BB	0.355	–	0.373	100.0	20.0	222.2	RAILROAD
BB	0.376	–	0.394	100.0	20.0	222.2	RAILROAD
BB	5.673	–	5.692	100.0	20.0	222.2	BRIDGE N0912
1090	2.000	–	2.003	20.0	VAR	78.8	APPROACH AREA 1090 TO BB
1090	2.011	–	2.014	20.0	VAR	70.9	APPROACH AREA BB TO 1090
1095	0.001	–	0.004	20.0	VAR	66.6	APPROACH AREA BB TO 1095
1100	4.022	–	4.025	20.0	VAR	61.8	APPROACH AREA 1100 TO BB
1100	4.031	–	4.034	20.0	VAR	73.8	APPROACH AREA BB TO 1100
					TOTAL	1385.6	
					USE	1386	

SUMMARY OF QUANTITIES
SHEET 1 OF 3

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:42:14 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
BARRY

JOB NO.
J7S3493

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)

BITUMINOUS PAVEMENT

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	APPROACH AREA SF	1" SURFACE LEVEL TONS	TACK COAT 0.08 GAL/SY GAL	TACK COAT 0.10 GAL/SY GAL	REMARKS
BB	0.012	–	0.031	100.0	VAR	3305.0	20.5		36.7	APPROACH AREA TO MO 37
BB	0.031	–	0.355	1710.7	20.0		212.2	304.1		
BB	0.355	–	0.373	100.0	20.0		12.4		22.2	RAILROAD
BB	0.376	–	0.394	100.0	20.0		12.4		22.2	RAILROAD
BB	0.394	–	5.673	27873.1	20.0		3457.3	4955.2		
BB	5.673	–	5.692	100.0	20.0		12.4		22.2	BRIDGE N0912
BB	5.719	–	5.766	255.0	VAR	5886.0	36.5		65.4	SOUTH OF BRIDGE N0912
1090	2.000	–	2.003	20.0	VAR	709.0	4.4		7.9	APPROACH AREA 1090 TO BB
1090	2.003	–	2.004	5.0	VAR	1033.0	6.4	9.2		APPROACH AREA 1090 TO BB
1090	2.010	–	2.011	5.0	VAR	980.0	6.1	8.7		APPROACH AREA BB TO 1090
1090	2.011	–	2.014	20.0	VAR	638.0	4.0		7.1	APPROACH AREA BB TO 1090
1095	0.000	–	0.001	5.0	VAR	954.0	5.9	8.5		APPROACH AREA BB TO 1095
1095	0.001	–	0.004	20.0	VAR	600.0	3.7		6.7	APPROACH AREA BB TO 1095
1100	4.022	–	4.025	20.0	VAR	556.0	3.4		6.2	APPROACH AREA 1100 TO BB
1100	4.025	–	4.026	5.0	VAR	880.0	5.5	7.8		APPROACH AREA 1100 TO BB
1100	4.030	–	4.031	5.0	VAR	979.0	6.1	8.7		APPROACH AREA BB TO 1100
1100	4.031	–	4.034	20.0	VAR	664.0	4.1		7.4	APPROACH AREA BB TO 1100
ENTRANCES AND IRREGULARITIES										
BB	0.012	–	5.766	30381.1	20.0		431.6			75 IRREGULARITIES TONS/MILE
BB	0.012	–	5.766	423.0	2.0		6.0	7.5		ENTRANCES
BB	0.012	–	5.766	195.0	2.0		2.8	3.5		MAILBOXES
						TOTALS	4253.7	5313.2	204.0	
						USE	4253.7	5517		
NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.										

PERMANENT AGGREGATE EDGE TREATMENT

ROUTE	LOG MILE	TO	LOG MILE	LENGTH MILES	AGGREGATE 200 TON/MILE✳ TON	PRIME MC 800 590 GAL/MILE✳ GAL	REMARKS
BB	0.012	–	5.766	5.754	1150.8	3394.9	
1090	2.000	–	2.004	0.004	0.8	2.4	APPROACH AREA 1090 TO BB
1090	2.010	–	2.014	0.004	0.8	2.4	APPROACH AREA BB TO 1090
1095	0.000	–	0.004	0.004	0.8	2.4	APPROACH AREA 1095 TO BB
1100	4.022	–	4.026	0.004	0.8	2.4	APPROACH AREA 1100 TO BB
1100	4.030	–	4.034	0.004	0.8	2.4	APPROACH AREA BB TO 1100
				TOTALS	1154.8	3406.7	✳INCLUDES 2' WIDTH BOTH SIDES
				USE	1155	3407	OF ROADWAY

PAVEMENT MARKING

ROUTE	LOG MILE	TO	LOG MILE	LOCATION	CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS) 4" SOLID WHITE LF	4" SOLID YELLOW LF	PREFORMED THERMOPLASTIC 24" WHITE LF	RAILROAD CROSSING EA	REMARKS
BB	0.012	–	5.766	LT, RT, CR	60760.0	60760.0	20.0	2	
				TOTALS	60760	60760	20	2	
				USE	60760	60760	20	2	

SUMMARY OF QUANTITIES
SHEET 2 OF 3

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:42:2 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026
ROUTE: BB | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: BARRY
JOB NO.: J7S3493
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)
WO4-2L	48X48	16.00						LANE ENDS LEFT
WO4-2R	48X48	16.00						LANE ENDS 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	8	128.00				UNEVEN LANES
WO8-12	48X48	16.00	6	96.00				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	6	96.00				SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00	6	30.00				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	18	288.00				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	4	64.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	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	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	1	8.75				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	11	16.50				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	2	12.00				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	4	48.00				SPEED LIMIT (2@45, 2@55)
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						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
	985

616-10.10 RELOCATED SIGNS	TOTAL

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 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	150	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		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 WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		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

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:42:39 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	3

COUNTY: BARRY

JOB NO.: J7S3493

CONTRACT ID.:

PROJECT NO.:

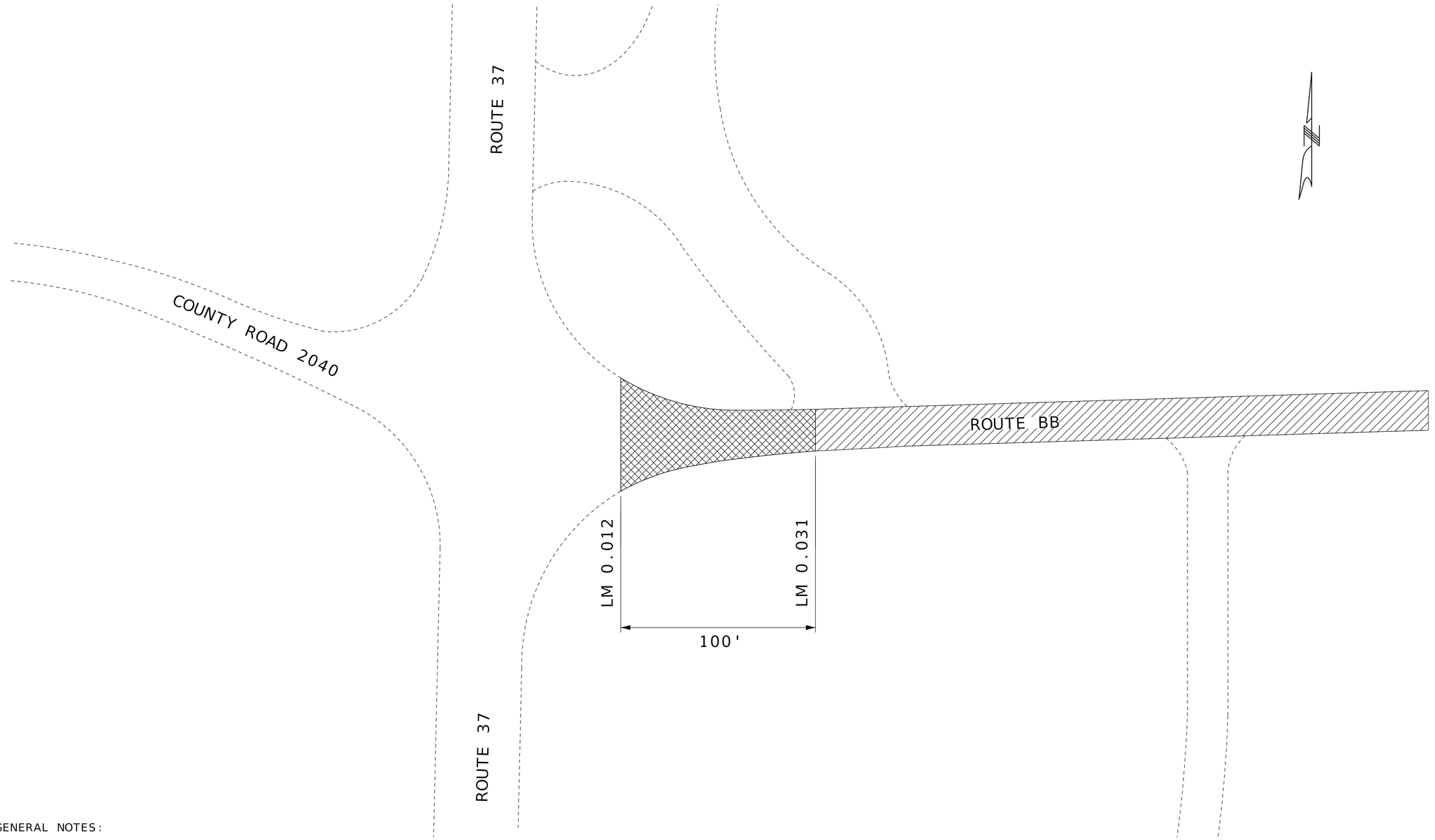
BRIDGE NO.:

DESCRIPTION	DATE

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

SUMMARY OF QUANTITIES

SHEET 3 OF 3



GENERAL NOTES:

(1) 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.

(2) ALL LOG MILES AND/OR LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY THE ENGINEER

NOT TO SCALE

LEGEND

- MODIFIED COLDMILLING WITH 1" SURFACE LEVELING (PG64-22)

- 1" SURFACE LEVELING (PG64-22)

SPECIAL SHEET
SHEET 1 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

08/10/2026 9:42:39 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
BARRY

JOB NO.
J7S3493

CONTRACT ID.

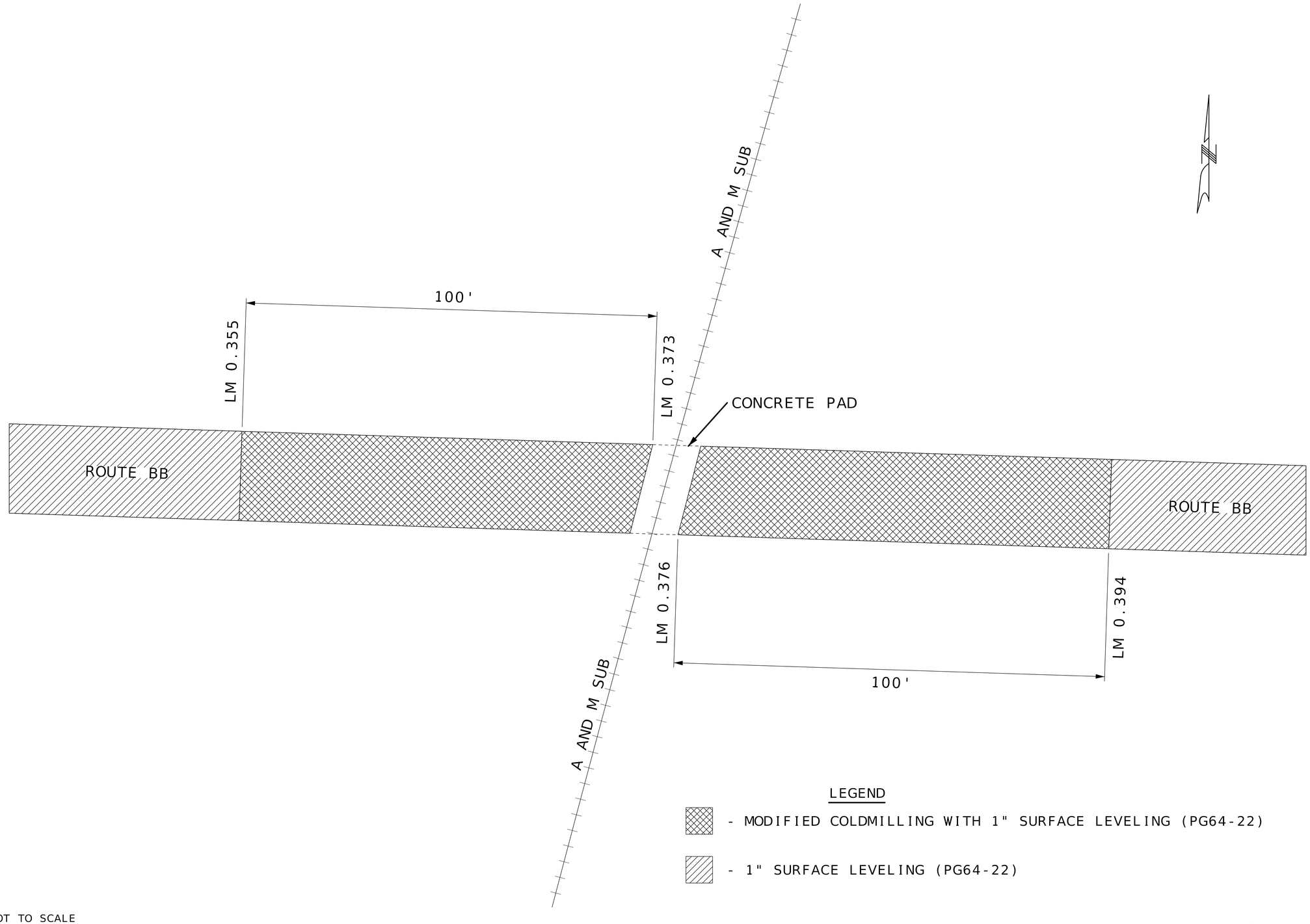
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



LEGEND

- MODIFIED COLDMILLING WITH 1" SURFACE LEVELING (PG64-22)

- 1" SURFACE LEVELING (PG64-22)

NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

08/10/2026 9:42:45 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
BARRY

JOB NO.
J7S3493

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

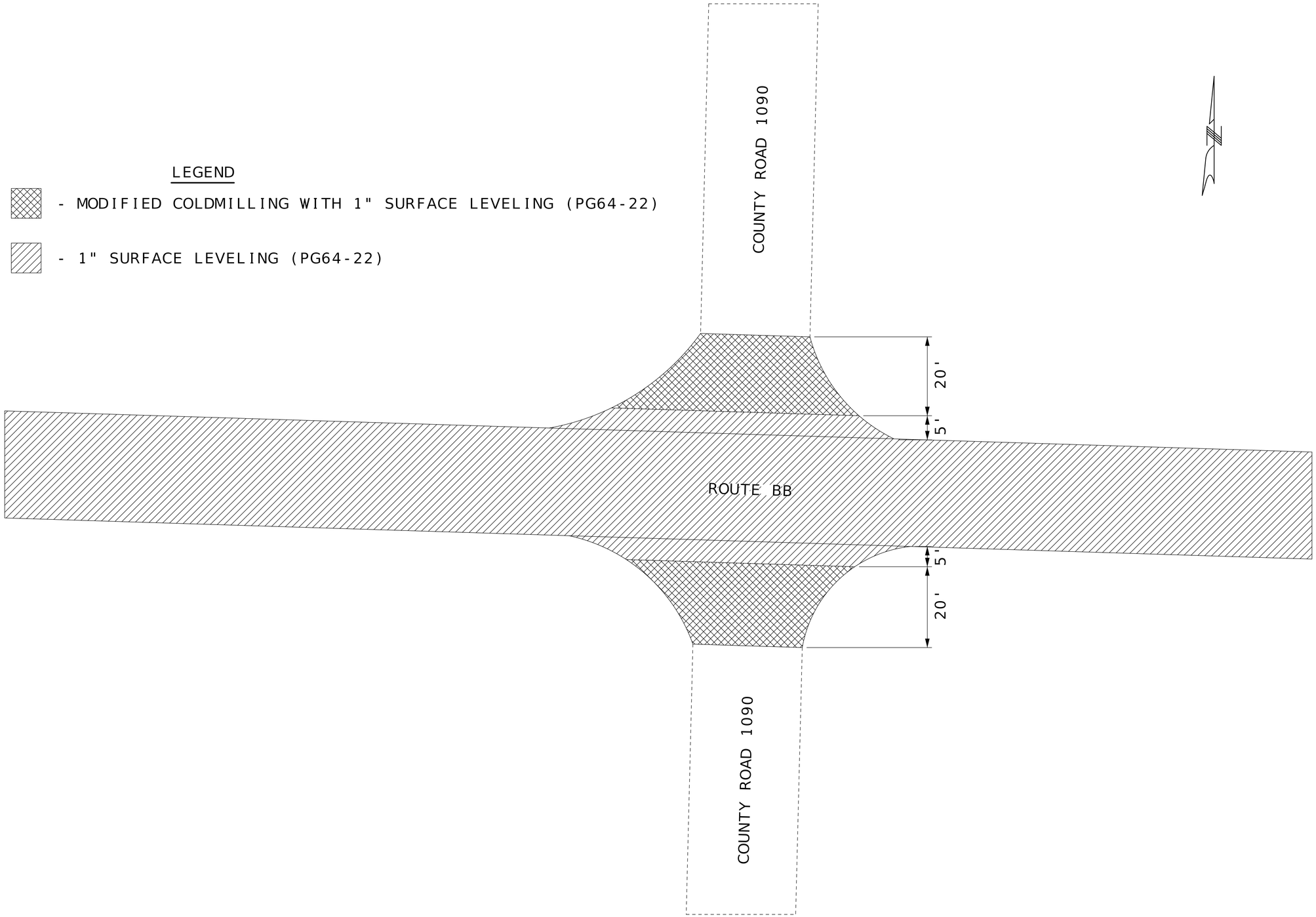
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LEGEND

- MODIFIED COLDMILLING WITH 1" SURFACE LEVELING (PG64-22)

- 1" SURFACE LEVELING (PG64-22)



NOT TO SCALE

SPECIAL SHEET
SHEET 3 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:42:59 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
BARRY

JOB NO.
J7S3493

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

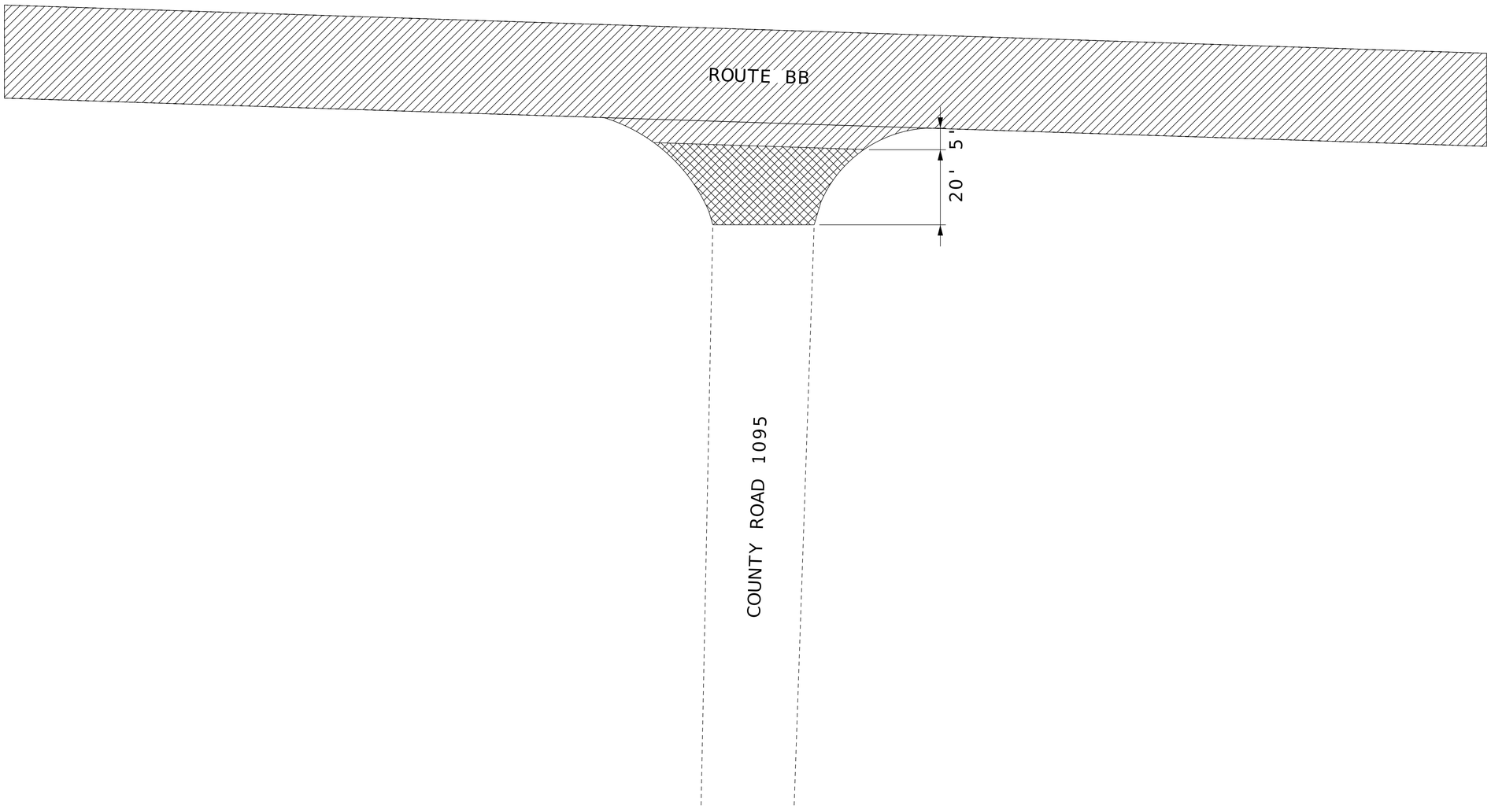
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LEGEND

- MODIFIED COLDMILLING WITH 1" SURFACE LEVELING (PG64-22)

- 1" SURFACE LEVELING (PG64-22)



NOT TO SCALE

SPECIAL SHEET
SHEET 4 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

08/10/2026 9:46:12 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
BARRY

JOB NO.
J7S3493

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

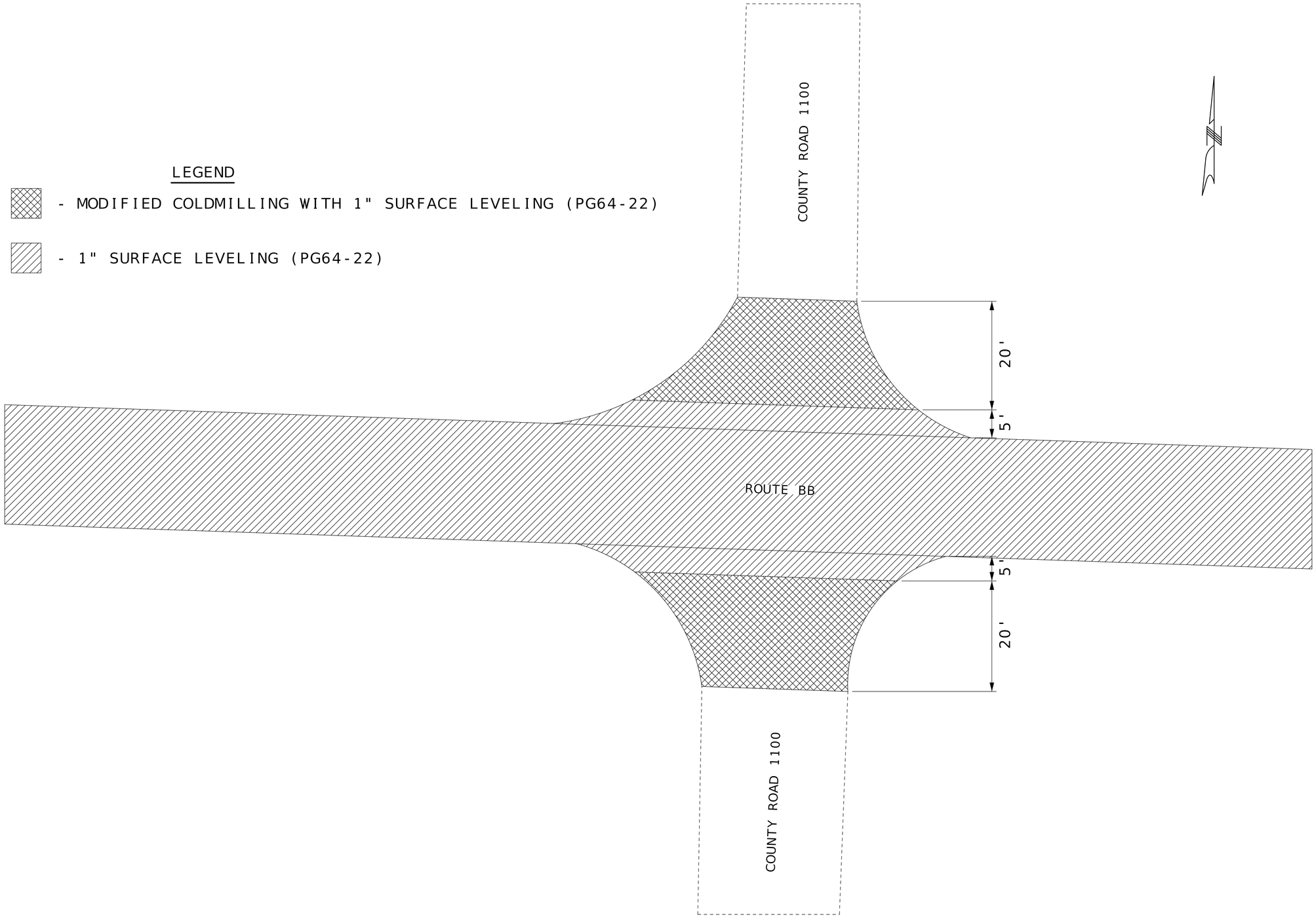
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LEGEND

- MODIFIED COLDMILLING WITH 1" SURFACE LEVELING (PG64-22)

- 1" SURFACE LEVELING (PG64-22)



NOT TO SCALE

SPECIAL SHEET
SHEET 5 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

08/10/2026 9:46:19 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
BARRY

JOB NO.
J7S3493

CONTRACT ID.

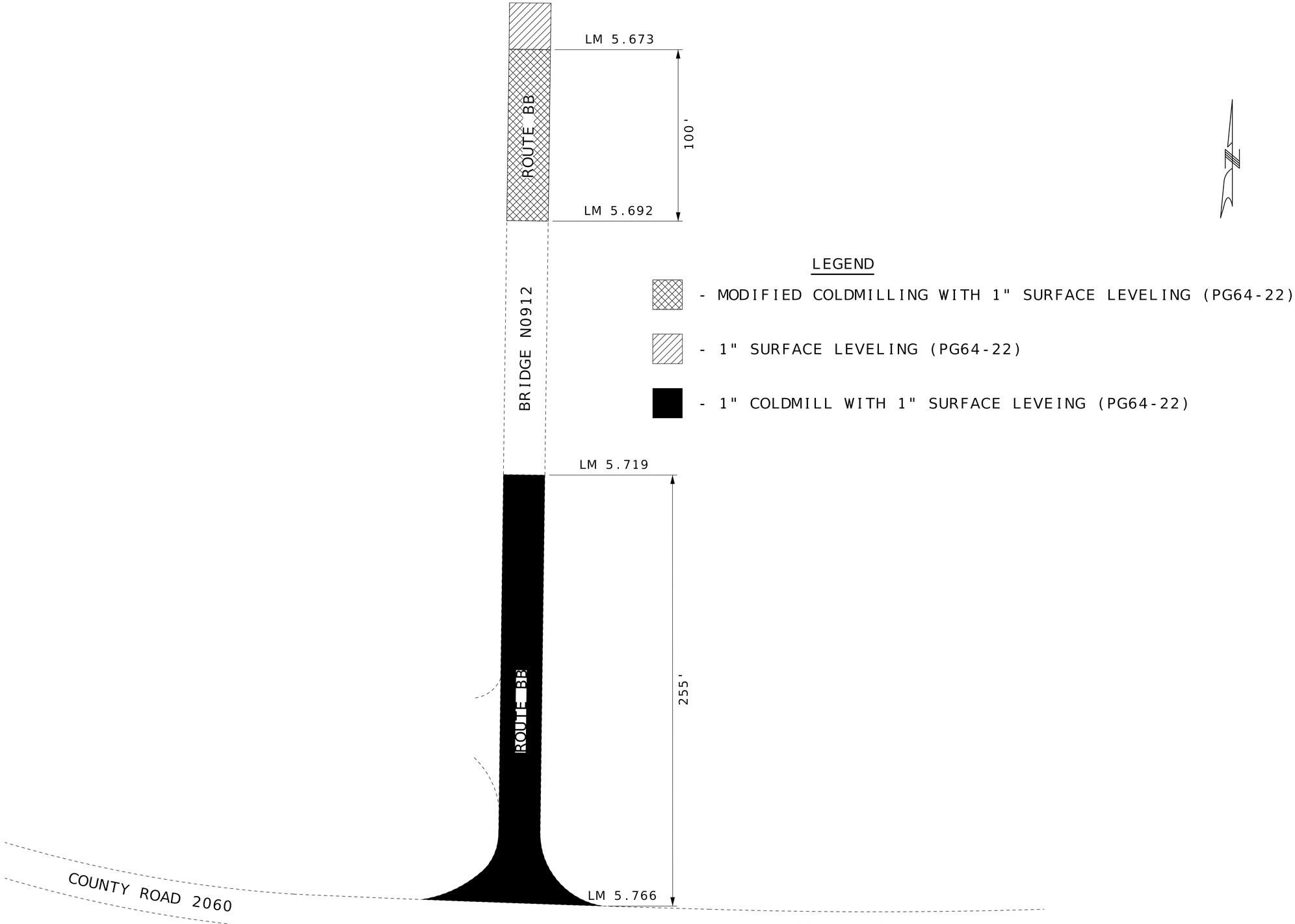
PROJECT NO.

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

SPECIAL SHEET
SHEET 6 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:46:24 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO

DISTRICT	SHEET NO.
SW	9

COUNTY
BARRY

JOB NO.
J7S3493

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

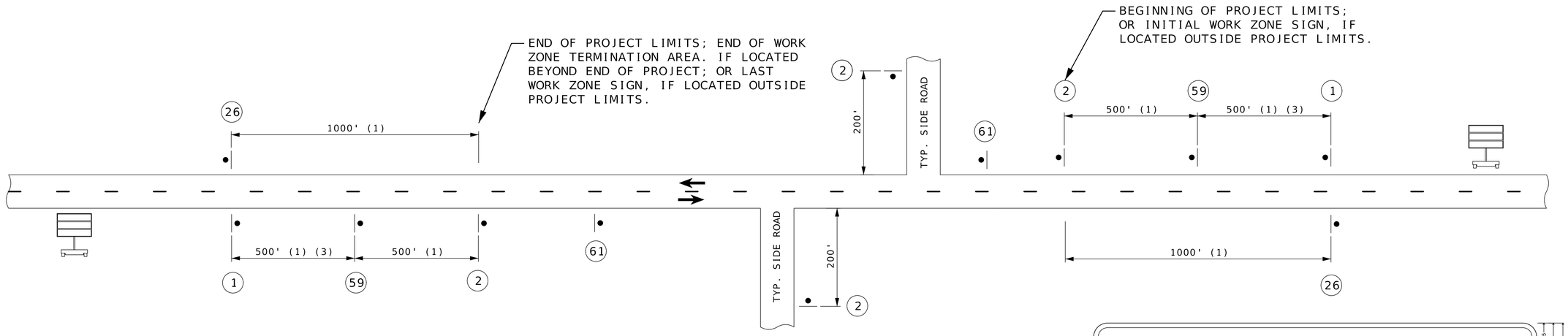
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. 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.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS 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.
10. 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.
11. 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.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

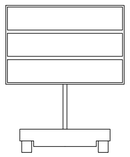
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.

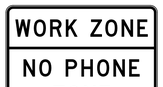
(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

(5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED

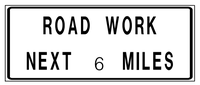


(4)



CONST-8

59 (3)



GO20-1

1 (5)



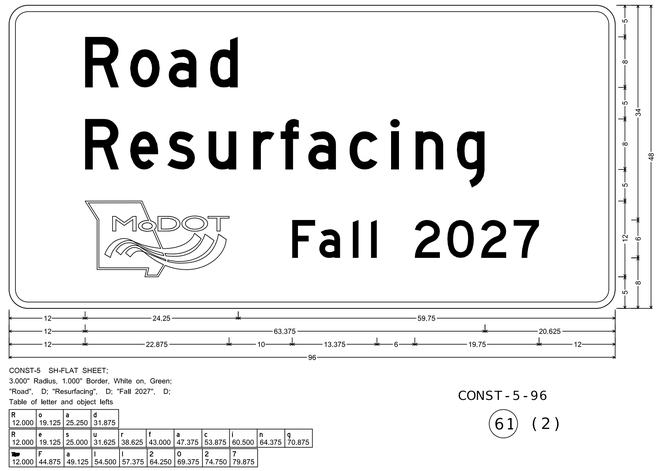
WO20-1

2



GO20-2

26 (5)



CONST-5 SH-FLAT SHEET:
3.000" Radius, 1.000" Border, White on, Green: "Road", D; "Resurfacing", D; "Fall 2027", D;
Table of letter and object lefts

R 12.000	o 19.125	a 25.250	d 31.875

P 12.000	e 19.125	s 25.000	u 31.625	r 38.625	f 43.000	a 47.375	c 53.875	i 60.500	n 64.375	g 70.875	
12.000	F 44.875	a 49.125	l 54.500	l 57.375	2 64.250	0 69.375	2 74.750	7 79.875			

CONST-5-96

61 (2)

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/21/2026 2:33:43 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/21/2026

ROUTE	STATE
BB	MO

DISTRICT	SHEET NO.
SW	10

COUNTY: BARRY

JOB NO.: J7S3493

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)



WO20-1

(2)



WO20-4

(7)



WO20-7a

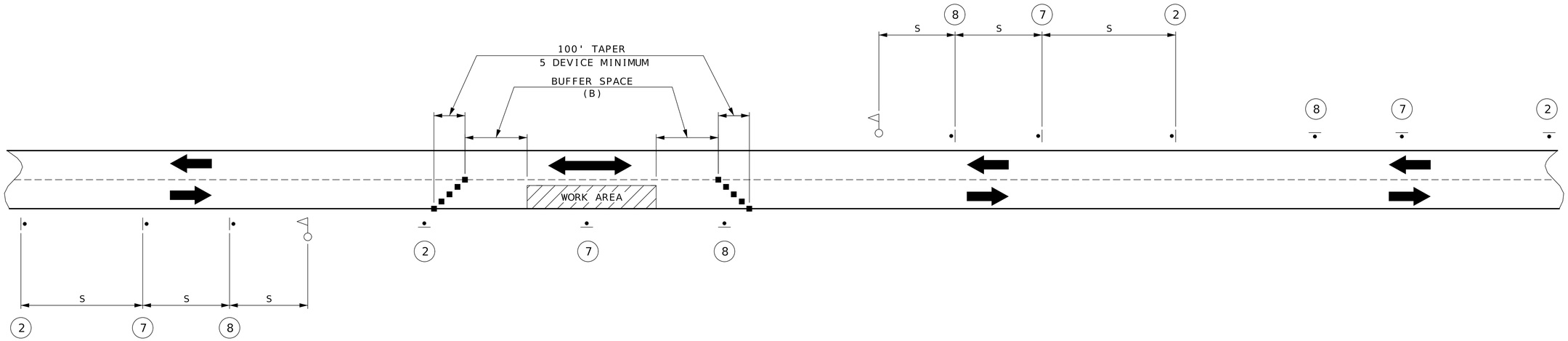
(8)



GO20-4

(57)

SIGN 57, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC). SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT) (B)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

SPACING NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

MOVING FLAGGER OPERATION
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:46:35 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
BARRY

JOB NO.
J7S3493

CONTRACT ID.

PROJECT NO.

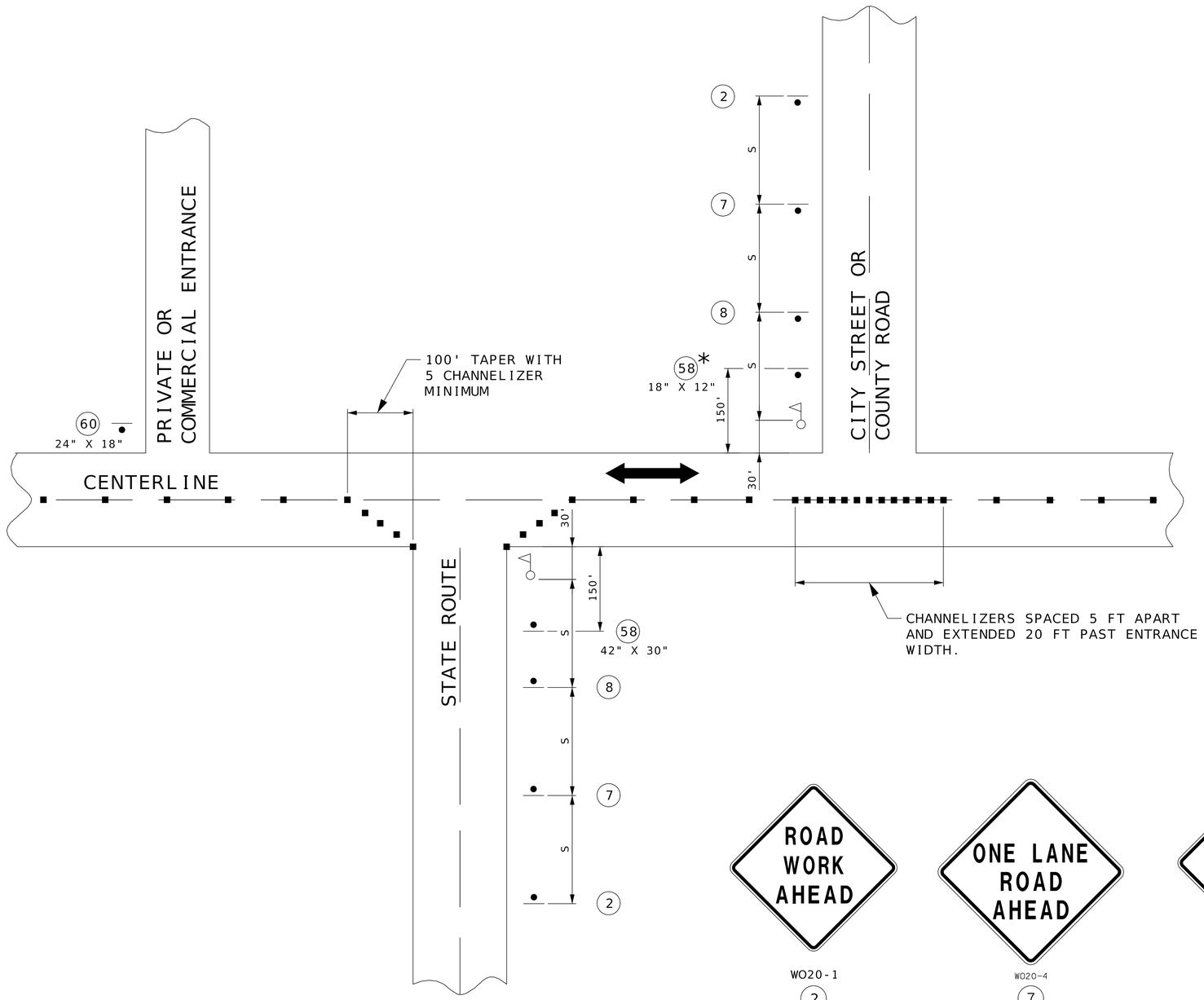
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIDE ROADS ENTERING WORK ZONES



SPEED	SIGN SPACING (FT.)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER WORK AREA
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).



GO20-4a
(58)

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).



24" X 18"
(60)

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

WO20-1
(2)

WO20-4
(7)



WO20-7a
(8)

NOT TO SCALE

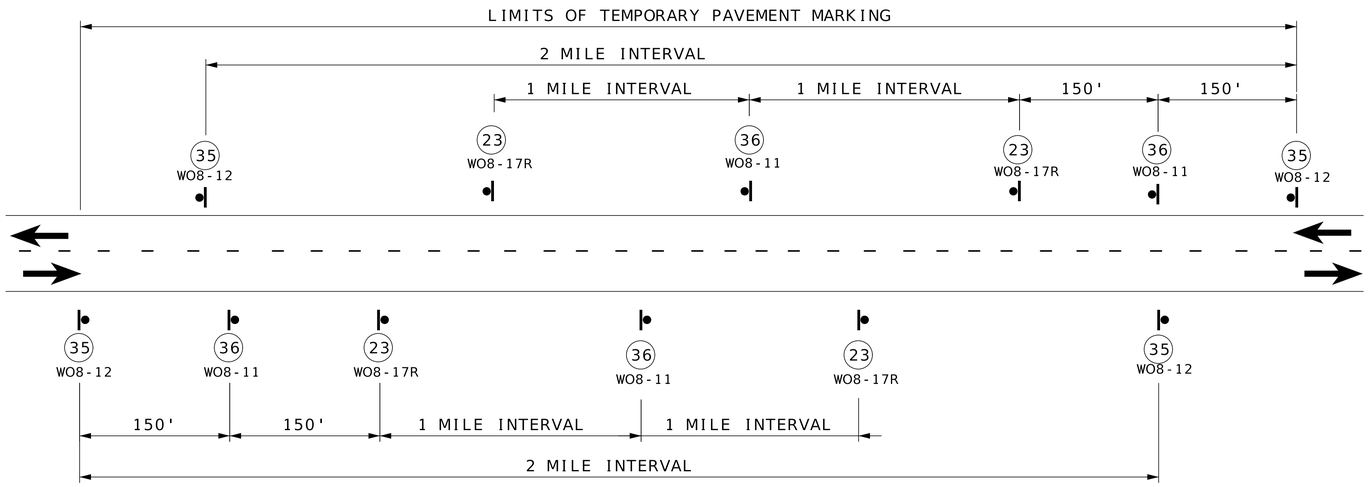
TRAFFIC CONTROL
SHEET 3 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:46:41 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026
ROUTE: BB | STATE: MO
DISTRICT: SW | SHEET NO.: 12
COUNTY: BARRY
JOB NO.: J7S3493
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

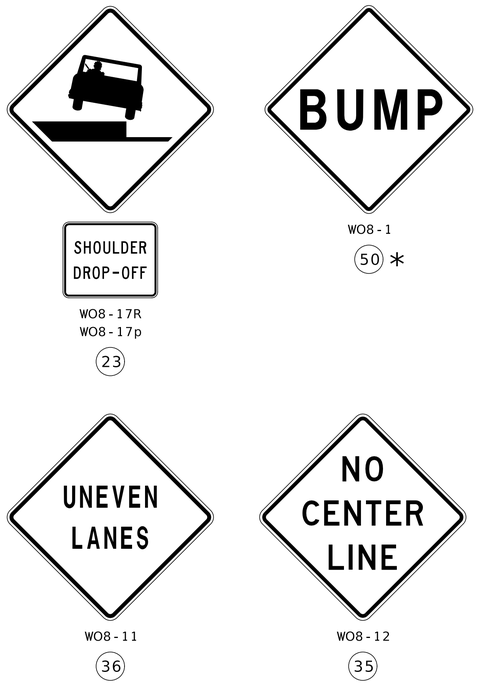
DESCRIPTION | DATE

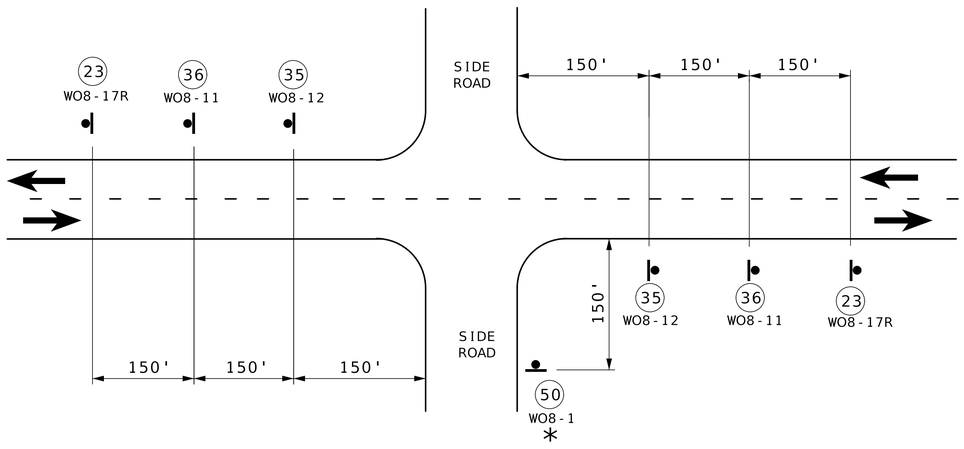
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.





SIGN SPACING AT STATE ROUTE INTERSECTIONS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35) , THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:46:46 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
BARRY

JOB NO.
J7S3493

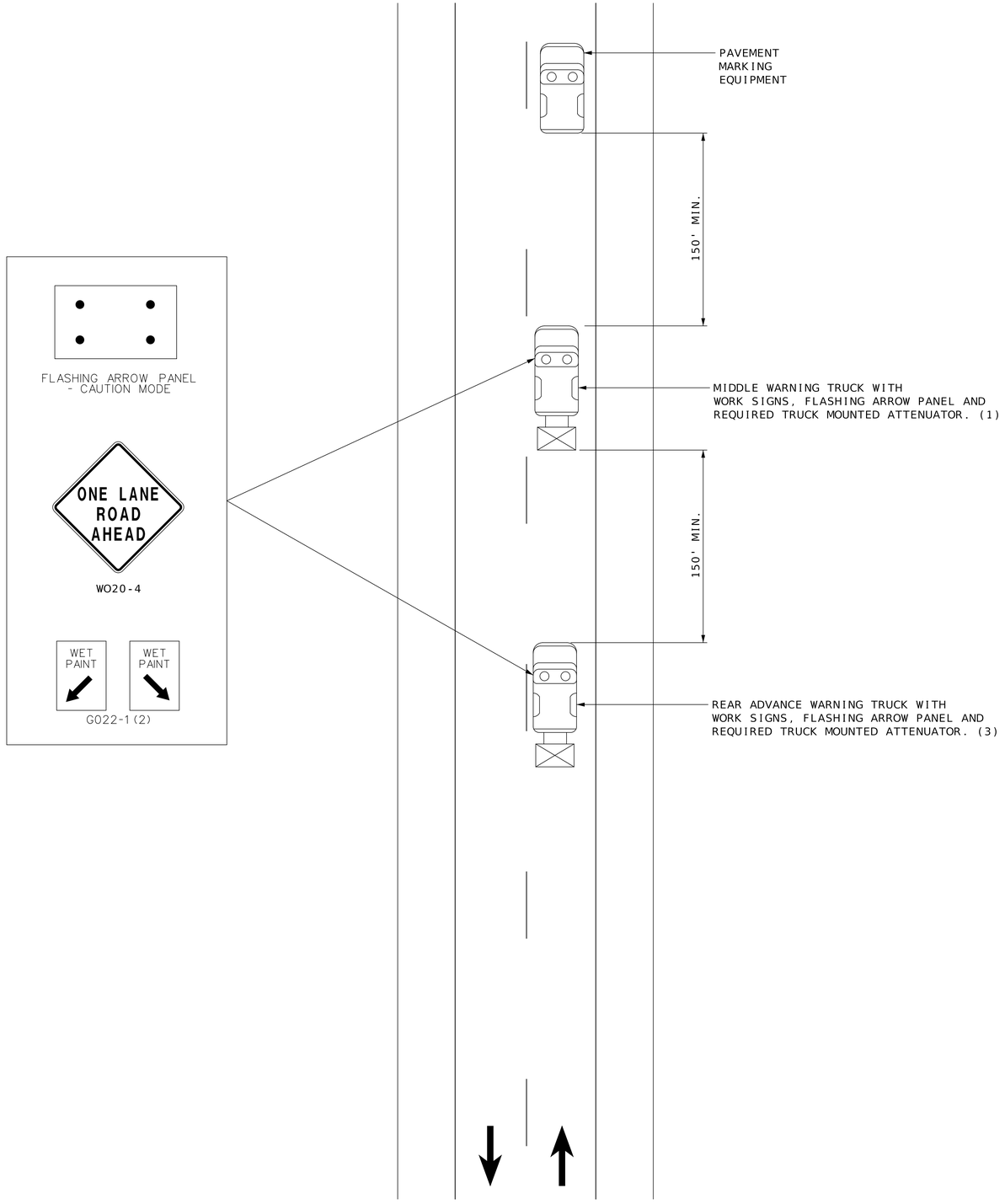
CONTRACT ID.

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 ON TWO-LANE HIGHWAY

NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCKS 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.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) 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.

(3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:46:55 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
BARRY

JOB NO.
J7S3493

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)



BRIDGE
OR
RAMP

WO20-1

2



WO20-4

7



WO20-7a

8

GO20-5aP



R2-1

54

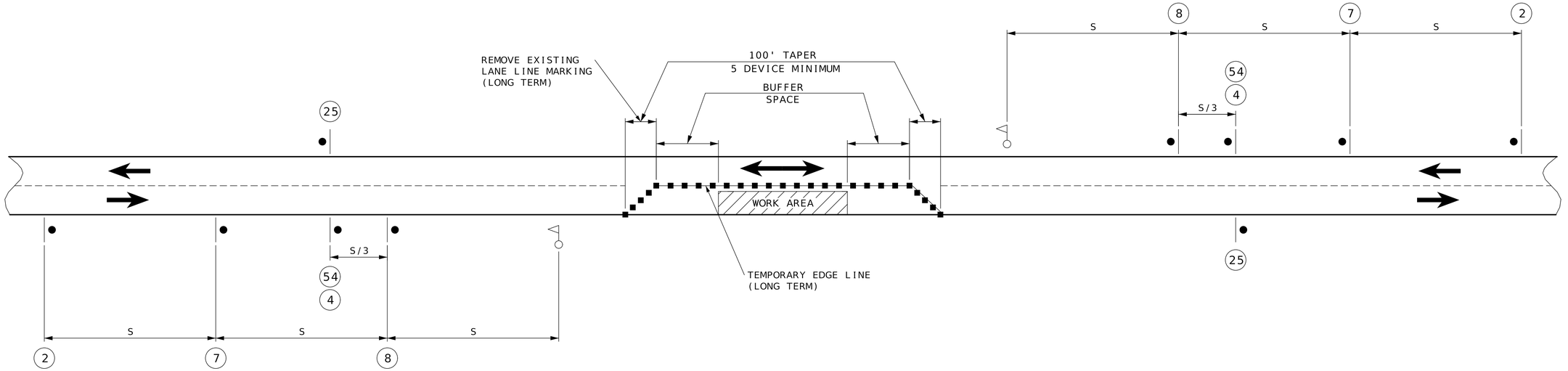
4



R2-1

25

(NORMAL SPEED)



NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL.
THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE. NO DIRECT PAY.

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)	OPTIONAL
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	BUFFER/ WORK AREAS	BUFFER LENGTH (FT)
0-35	200	40	250
40-45	350	80	360
50-55	500	80	495
60-70	1000	120	730

SPACING NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

• SIGN (SINGLE SIDED)

FLAGGER

■ CHANNELIZER

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:46:58 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
BARRY

JOB NO.
J7S3493

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

SIGN NO.	SIGN SIZE	STATION/ LOG MILE	LOCATION	SIGN DTL SHT NO.	CONCRETE FOOTINGS EMBEDDED (I-BEAM/PIPE) ITEM NO. 9031010 CY	I-BEAM POSTS* POST + STUB DES NO.	NO.1 LF	NO.2 LF	NO.3 LF	LBS PER FT	TOTAL ITEM NO. 9031210 LBS	PIPE POSTS* POST + STUB SIZE IN.	NO.1 LF	NO.2 LF	LBS PER FT	TOTAL ITEM NO. 9031220 LBS	4"SQUARE STEEL POST* BASE ITEM NO. 9031005 EACH	POST ITEM NO. 9031230 LF	PERFORATED SQUARE STEEL TUBE** 2" POST POST NO.1 LF	NO.2 LF	TOTAL ITEM NO. 9031270A LF	ANCHORS DRIVEN ITEM NO. 9031273A EACH	CONCRETE ITEM NO. 9031274 EACH	2.5" POST POST NO.1 LF	NO.2 LF	TOTAL ITEM NO. 9031280 LF	ANCHORS DRIVEN ITEM NO. 9031281A EACH	CONCRETE ITEM NO. 9031285 EACH	BREAK-AWAY ASSEMBLY ITEM NO. 9031241 EACH	U-CHANNEL POST ITEM NO. 9031250A LF	ALUMINUM BACKING BARS COUNT EACH	LENGTH IN.	TOTAL ITEM NO. 9035030 LF	COLUMN MOUNTING C-CHANNEL ITEM NO. 9035031 LF	REMARKS AND OTHER REQUIRED ITEMS
1	42 DIA.	0.272	RT																					16		16		1						
2	12 x 36	5.692	RT																					16		16		1						
3	12 x 36	5.692	RT																					16		16		1						
4	12 x 36	5.692	RT																					16		16		1						
5	12 x 36	5.692	LT																					16		16		1						
6	12 x 36	5.692	LT																					16		16		1						
7	12 x 36	5.692	LT																					16		16		1						
8	12 x 36	5.719	RT																					16		16		1						
9	12 x 36	5.719	RT																					16		16		1						
10	12 x 36	5.719	RT																					16		16		1						
11	12 x 36	5.719	LT																					16		16		1						
12	12 x 36	5.719	LT																					16		16		1						
13	12 x 36	5.719	LT																					16		16		1						
14	42 DIA.	0.472	LT																					16		16		1						
			SUBTOTAL																							224		14						
			TOTAL																							224		14						

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR I-BEAM, PIPE AND 4" SQUARE STEEL POSTS.

**FOR PSST WITHOUT BREAKAWAY DEVICES, POST LENGTH SHALL INCLUDE AN ADDITIONAL 6" FOR INSERTION INTO ANCHOR; FOR SURFACED MOUNTED PSST ON ISLANDS, NO ANCHOR IS USED, JUST A SURFACE MOUNT BREAKAWAY ASSEMBLY.

EFFECTIVE: 07-01-2026

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/23/2026 2:26:23 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/18/2026

ROUTE: BB | STATE: MO

DISTRICT: SW | SHEET NO.: 16

COUNTY: BARRY

JOB NO.: J7S3493

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)

STANDARD SIGN ASSEMBLIES

SIGN NO.	LOG MILE OR STATION	LOCATION	TYPE		
					
			STANDARD SIGN TYPE & NUMBER OF EACH		
			W10-1	OM3-R	OM3-L
			42 DIA.	12 X 36	12 X 36
1	0.272	RT	1		
2-4	5.692	RT		3	
5-7	5.692	LT			3
8-10	5.719	RT		3	
11-13	5.719	LT			3
14	0.472	LT	1		
	NO. OF STD SIGNS		2	6	6

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN	SIGN DETAIL SHEET NO.	NO. EACH	SIGN SIZE & TYPE & SQUARE FEET				
			SIGN SIZE	FLAT SHEET SH	FLAT SHEET FLUORESCENT SHF *	STRUCTURAL ST	STRUCTURAL FLUORESCENT STF *
			INCHES	ITEM NO. 9035004A	ITEM NO. 9035069A	ITEM NO. 9035011A	ITEM NO. 9035071A
W10-1		2	42 dia.		24.5		
OM3-R		6	12 x 36		18		
OM3-L		6	12 x 36		18		
			TOTALS		60.5		
			USE		61		

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:47:09 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026

ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SW	17

COUNTY: BARRY
JOB NO.: J7S3493
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)

DESIGN DESIGNATION

A.A.D.T. - 2025 = 758

T = 25.70%

V = 30, 55 M.P.H.

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

NO NEW R/W REQUIRED

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	

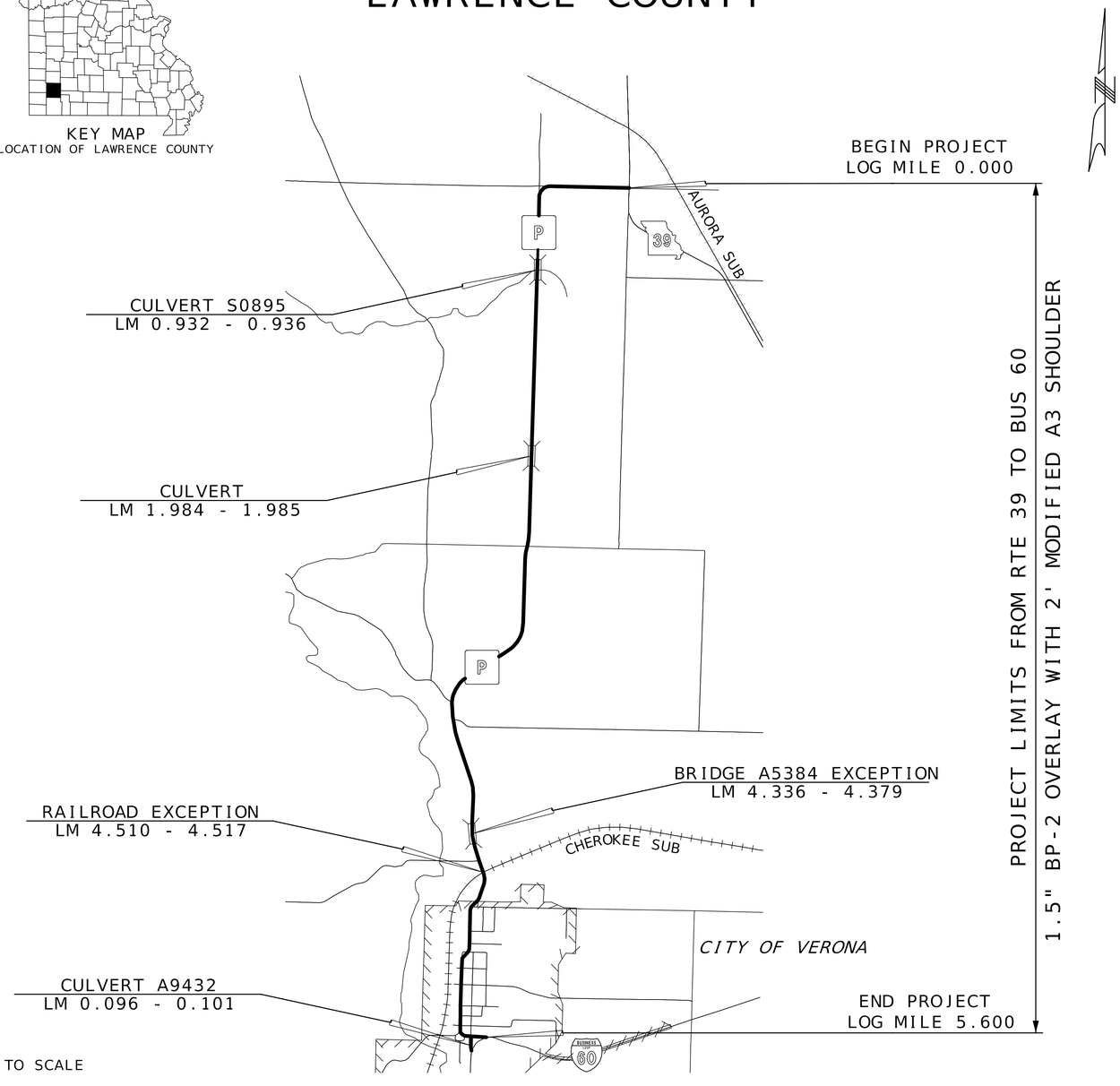
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY LAWRENCE COUNTY



KEY MAP
LOCATION OF LAWRENCE 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

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (7 SHEETS)	2
QUANTITIES (QU) (4 SHEETS)	3
SPECIAL SHEETS (SS)	4-7
TRAFFIC CONTROL SHEETS (TC)	8-16
SIGNING SHEETS (SN)	17-18

LENGTH OF PROJECT

LOG MILES FROM 2025 ARAN

39 TO 60		
BEGINNING OF PROJECT	LM. 0.000	
END OF PROJECT	LM. 5.600	
APPARENT LENGTH	29,568.00	FEET
EQUATIONS AND EXCEPTIONS:		
BRIDGE A5384 EXCEPTION: LM.4.336 - 4.379	227.04	FEET
RAILROAD EXCEPTION: LM. 4.510 - 4.517	36.96	FEET
2ND STREET		
BEGINNING OF PROJECT	LM. 0.471	
END OF PROJECT	LM. 0.563	
APPARENT LENGTH	485.76	FEET
TOTAL CORRECTIONS	264.00	FEET
NET LENGTH OF PROJECT	29,789.76	FEET
STATE LENGTH	5.642	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	2.111	ACRES

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	1

COUNTY: LAWRENCE

JOB NO.: J7S3494

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)

NOTES: AS APPROVED BY THE ENGINEER, THE 2' MODIFIED A3 SHOULDER MAY BE REDUCED TO 1' MINIMUM WIDTH IN SPECIFIC AREAS BASED ON EXISTING FIELD CONDITIONS. THE MODIFIED TYPE A3 SHOULDER SHALL NOT BE BUILT IN AREAS WHERE THE EXISTING SLOPE, GUARDRAIL, OR CULVERT HEADWALLS DO NOT PERMIT. SEE JOB SPECIAL PROVISIONS.

IF THE CONTRACTOR ELECTS TO USE CONCRETE FOR THE SHOULDERS, THE QUANTITY OF ASPHALT AND TACK SHALL BE ADJUSTED IN ACCORDANCE WITH THE JOB SPECIAL PROVISION-OPTIONAL SHOULDER.

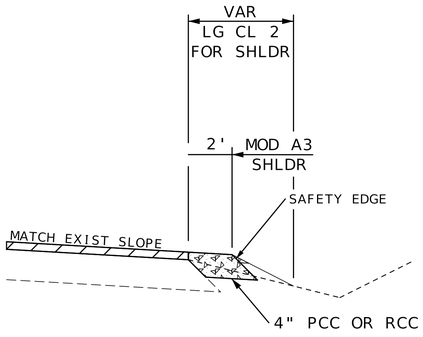
LINEAR GRADING CLASS 2 FOR SHOULDERS CONFINED TO FORESLOPE.

LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

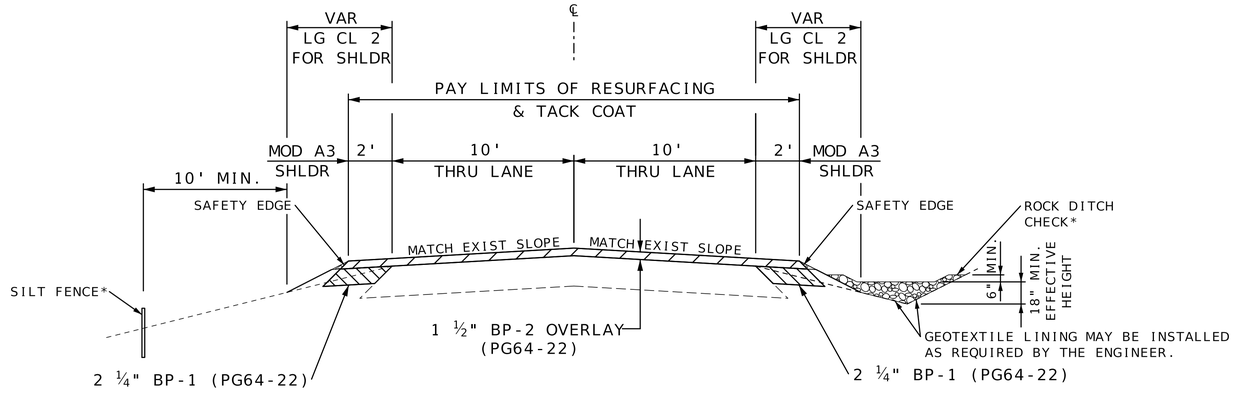
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	
	COMBINED FACTOR
BP-1	1.964 TONS/CY
BP-2	1.961 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
COLDMILL	0.10 GAL/SY
IRREGULARITIES: 75 TONS/MI	



CONCRETE SHOULDERS



ROUTE P

LOG MILE 0.000 TO LOG MILE 0.010 RT
LOG MILE 0.010 TO LOG MILE 4.176
LOG MILE 4.517 TO LOG MILE 4.707

* AT LOCATIONS SHOWN ON THE QUANTITY SHEETS, ALL DEVICES WILL BE INSTALLED AS NECESSARY AT THE DISCRETION OF THE ENGINEER.

TYPICAL SECTIONS
SHEET 1 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/8/2026
ROUTE: P | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: LAWRENCE
JOB NO.: J7S3494
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

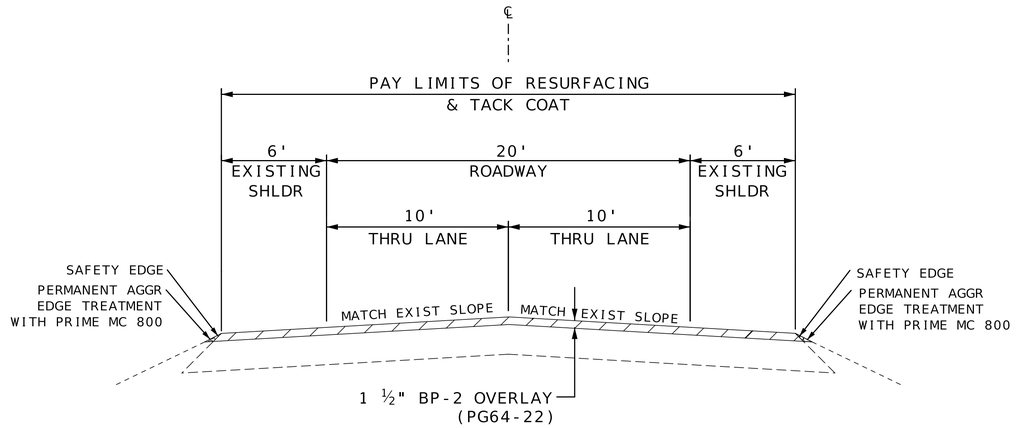
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	
	COMBINED FACTOR
BP-1	1.964 TONS/CY
BP-2	1.961 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
COLDMILL	0.10 GAL/SY
PERMANENT AGGREGATE EDGE TREATMENT	
AGGREGATE	200 TON/MILE
PRIME MC 800	590 GAL/MILE
IRREGULARITIES:	75 TONS/MI



ROUTE P

LOG MILE 4.176 TO LOG MILE 4.336
LOG MILE 4.379 TO LOG MILE 4.510

RAILROAD EXCEPTION
LOG MILE 4.510 TO LOG MILE 4.517

BRIDGE A5384 EXCEPTION
LOG MILE 4.336 TO LOG MILE 4.379

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
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09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

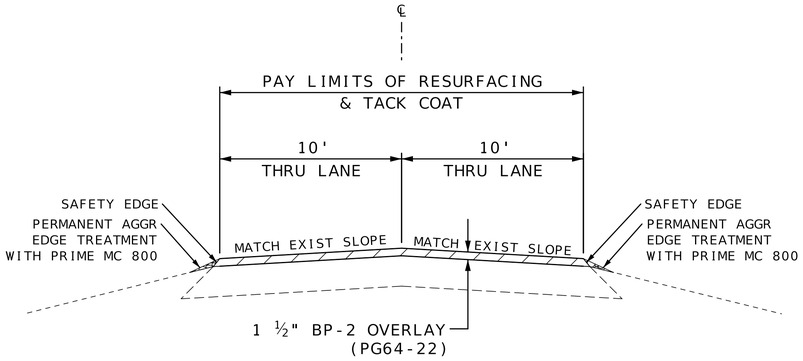
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

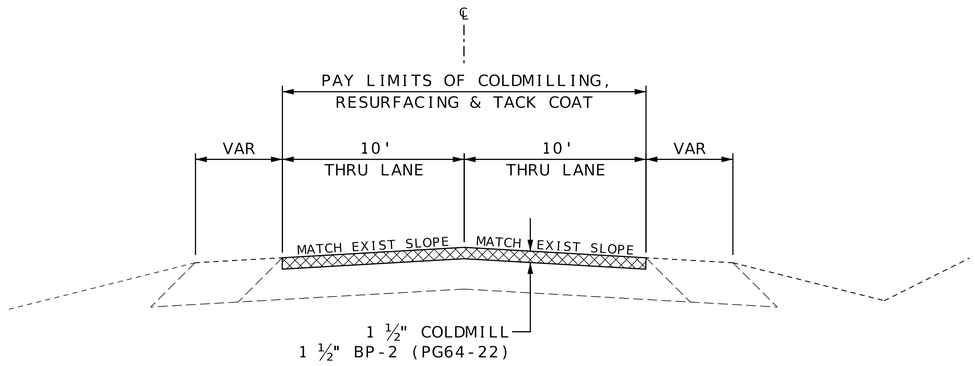
NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE THE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO THE ENTIRE PROJECT LIMITS.



ROUTE P

LOG MILE 0.000 TO 0.010 LT
LOG MILE 4.707 TO 5.110
LOG MILE 5.304 TO 5.593
LOG MILE 0.471 TO 0.544 (2ND STREET)

ASPHALT FACTORS	
COMBINED FACTOR	
BP-1	1.964 TONS/CY
BP-2	1.961 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
COLDMILL	0.10 GAL/SY
PERMANENT AGGREGATE EDGE TREATMENT	
AGGREGATE	200 TON/MILE
PRIME MC 800	590 GAL/MILE
IRREGULARITIES:	75 TONS/MI



ROUTE P

LOG MILE 5.110 TO 5.304
LOG MILE 5.593 TO 5.600
LOG MILE 0.544 TO 0.563 (2ND STREET)

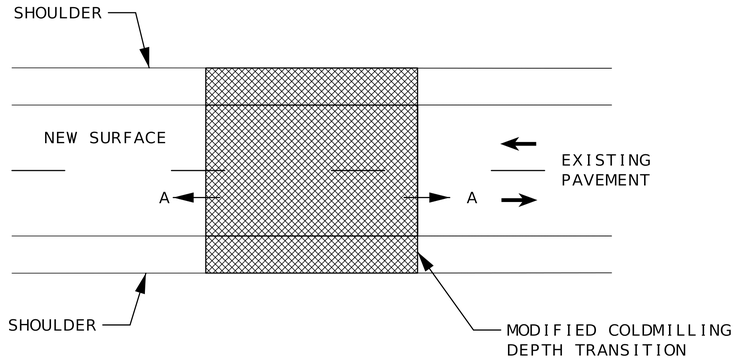
TYPICAL SECTIONS
SHEET 3 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

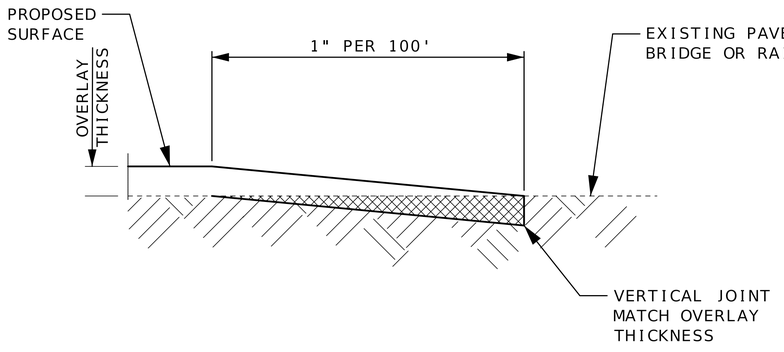
DATE PREPARED: 9/8/2026
ROUTE: P | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: LAWRENCE
JOB NO.: J7S3494
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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



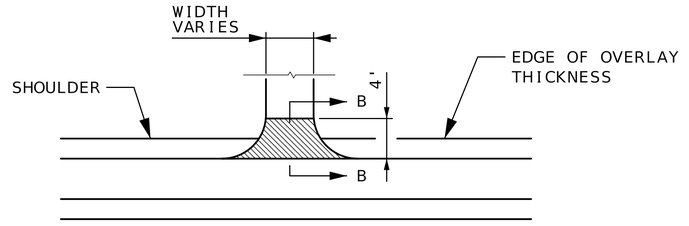
MAINLINE, BRIDGE, AND RAILROAD PLAN

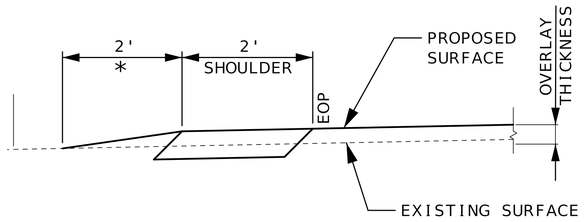


SECTION A-A

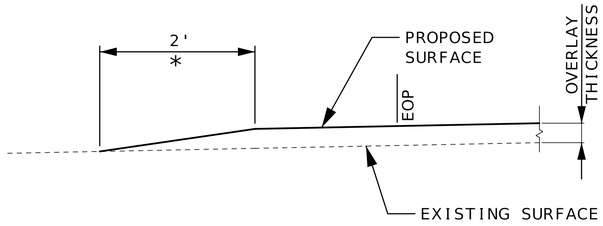
TRANSVERSE JOINT TRANSITION FOR SINGLE LIFT
PROJECT BEGINNING, END, BRIDGE, OR RAILROAD

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.





AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

SECTION B-B

TYPICAL ENTRANCE - EXIST/NEW SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

NOTES: DO NOT BUILD 2' MODIFIED A3 SHOULDERS ACROSS CONCRETE OR ASPHALT ENTRANCES, STREETS OR ROADS.

4 TONS GRAVEL A OR CRUSHED STONE B CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:54:21 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

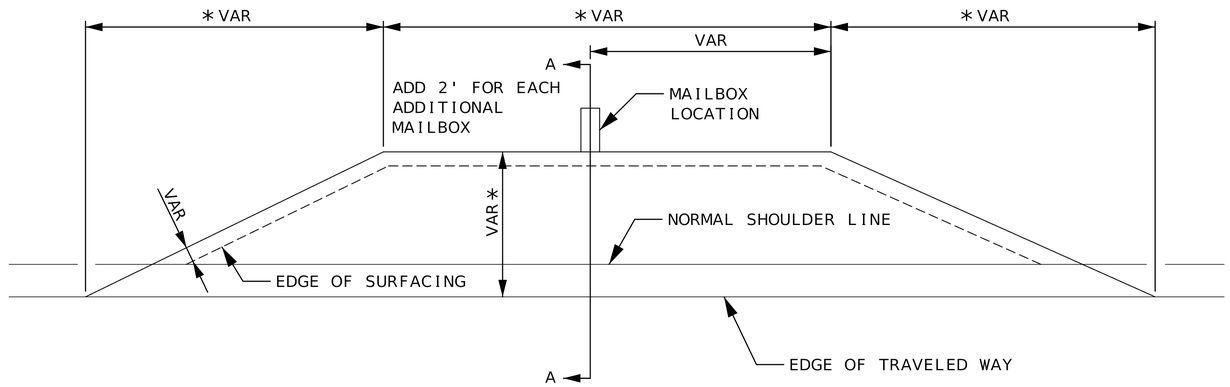
DESCRIPTION	DATE

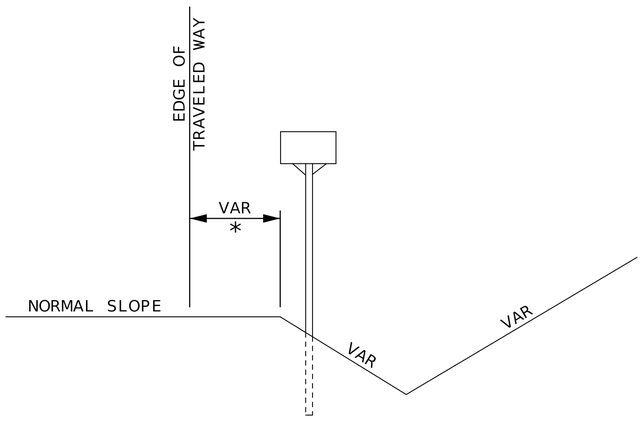
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND
15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL
MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

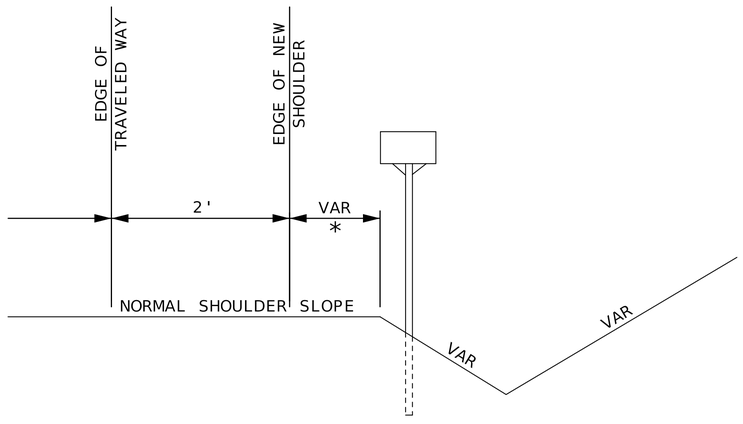
TYPICAL MAILBOX TURNOUT

*AS APPROVED BY THE ENGINEER





SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER

TYPICAL SECTIONS
SHEET 5 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:54:16 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
P	MO

DISTRICT	SHEET NO.
SW	2

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

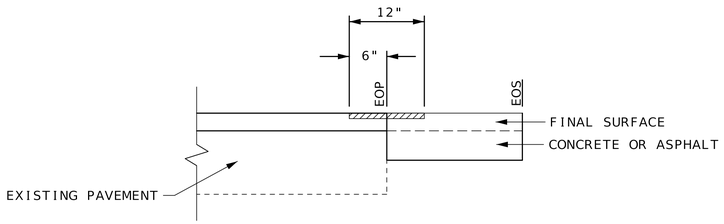
DESCRIPTION	DATE

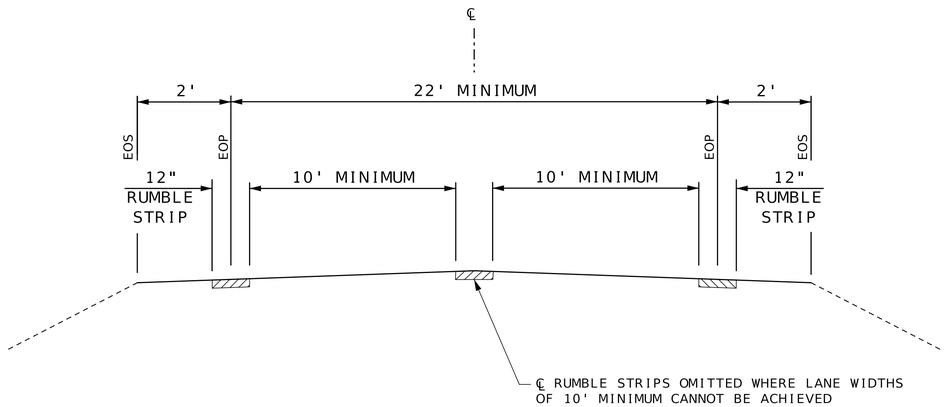
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

RUMBLE STRIPS FOR 2' MODIFIED A3 SHOULDERS

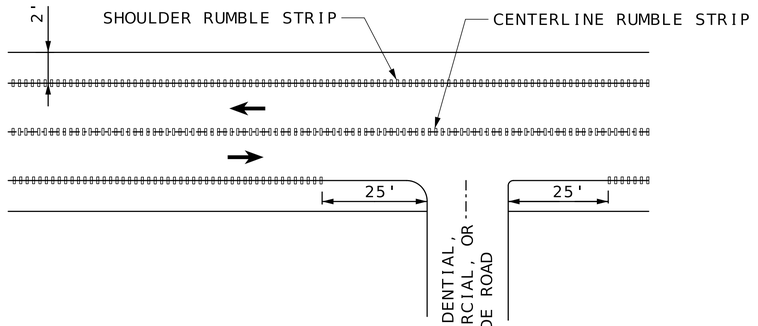
AS APPROVED BY THE ENGINEER, A 6" MINI RUMBLE STRIP
MAY BE USED WHERE A 12" RUMBLE STRIP DOES NOT FIT.

RUMBLE STRIP DETAILS





INTERSECTION RUMBLE STRIP LAYOUT



TYPICAL SECTIONS
SHEET 6 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:54:11 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

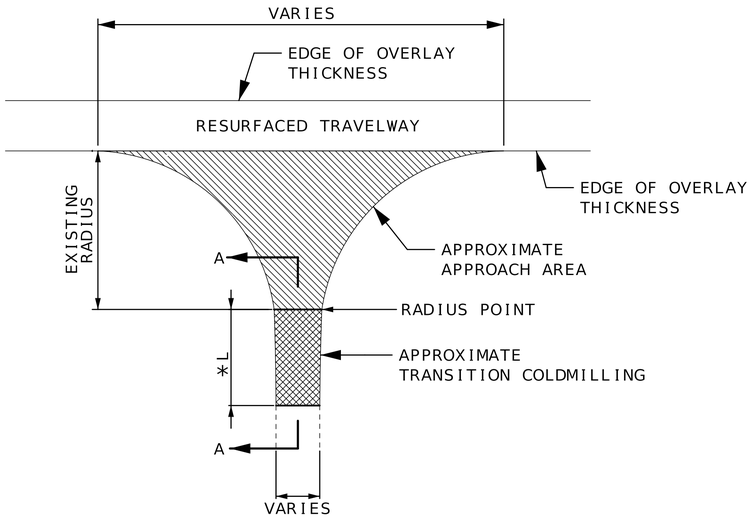
PROJECT NO.

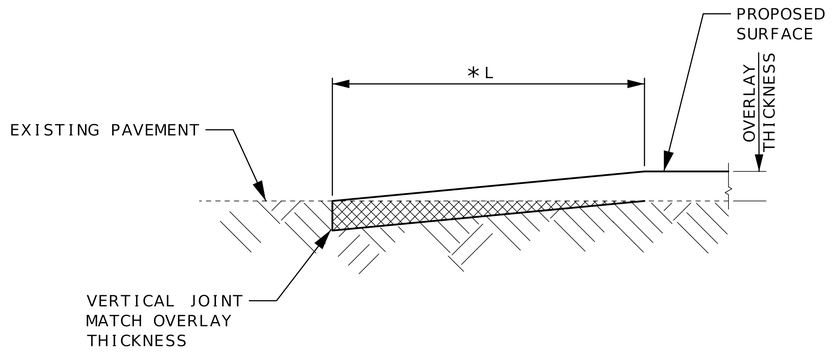
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



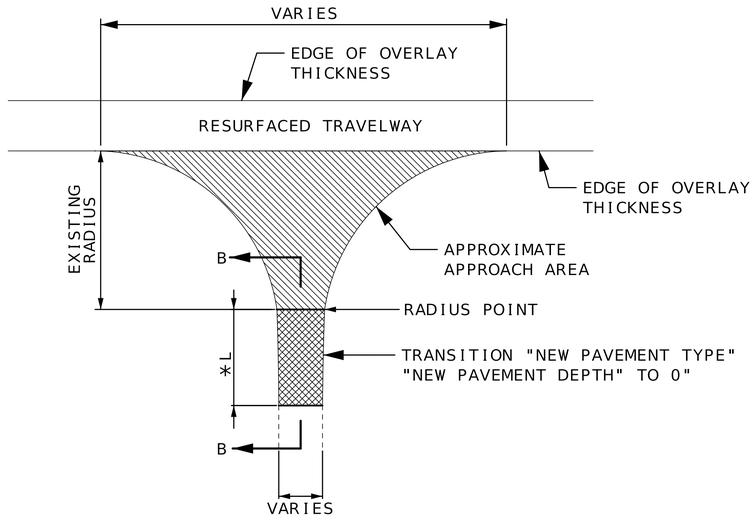


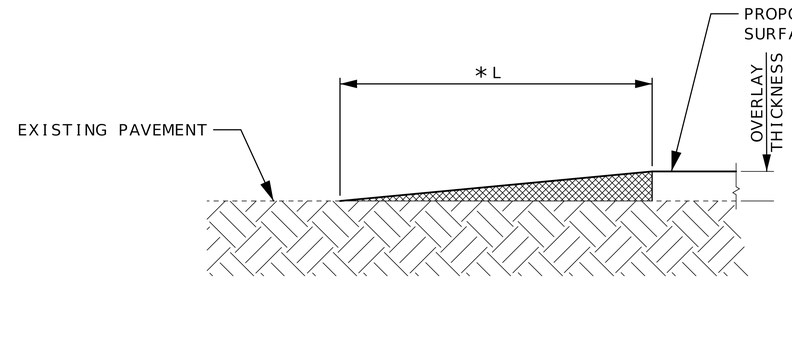
SECTION A-A

SURFACING REQUIREMENTS FOR
OVERLAYS AT STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LENGTHS

OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 ¾"	50.0'
2"	60.0'





SECTION B-B

SURFACING REQUIREMENTS FOR OVERLAYS
AT EXISTING COLD MIX STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LENGTHS

OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 ¾"	50.0'
2"	60.0'

TYPICAL SECTIONS
SHEET 7 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:54:09 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/6/2026
ROUTE: P | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: LAWRENCE
JOB NO.: J7S3494
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	LOG MILE	TO	LOG MILE	LOCATION	DESCRIPTION	UNITS	TOTAL	REMARKS
P	4.327	–	4.347	RT	GUARDRAIL	LF	110	BRIDGE A5384, NW
P	4.369	–	4.389	RT	GUARDRAIL	LF	110	BRIDGE A5384, SW
P	4.327	–	4.347	LT	GUARDRAIL	LF	110	BRIDGE A5384, NE
P	4.369	–	4.389	LT	GUARDRAIL	LF	110	BRIDGE A5384, SE
P	0.920	–		LT	SIGN	EA	1	OM3-L
P	0.920	–		RT	SIGN	EA	1	OM3-R
P	0.940	–		LT	SIGN	EA	1	OM3-L
P	0.940	–		RT	SIGN	EA	1	OM3-R
P	3.537	–		LT	SIGN	EA	1	OM3-R
P	3.537	–		RT	SIGN	EA	1	OM3-R
P	4.517	–	4.545	LT/RT	SHOULDER PAVEMENT	SY	65.71	EXISTING 2" SHOULDERS RT AND LT
P	4.395	–		RT	SIGN	EA	1	W10-1
P	4.647	–		LT	SIGN	EA	1	W10-1
P	4.826	–		LT	SIGN	EA	1	OM3-R
P	4.826	–		RT	SIGN	EA	1	OM3-R
P	5.439	–		RT	SIGN	EA	1	OM3-R
P	5.439	–		LT	SIGN	EA	1	OM3-R
P	5.079	–		LT	SIGN	EA	1	OM3-R
P	5.079	–		RT	SIGN	EA	1	OM3-R
P	5.079	–		RT	SIGN	EA	1	W11-8
P	5.169	–		LT	SIGN	EA	1	W16-7P
P	5.169	–		RT	SIGN	EA	1	W16-7P
P	5.169	–		LT	SIGN	EA	1	W11-2
P	5.169	–		RT	SIGN	EA	1	W11-2
P	5.213	–		LT	SIGN	EA	1	W11-8
P	5.289	–		LT	SIGN	EA	1	W11-2
P	5.289	–		RT	SIGN	EA	1	W11-2
P	5.289	–		LT	SIGN	EA	1	W16-7P
P	5.289	–		RT	SIGN	EA	1	W16-7P
P	5.011	–		LT	PIPE	FT	1	18" PIPE
2ND STREET	0.518	–		LT	SIGN	EA	1	OM3-L
2ND STREET	0.518	–		RT	SIGN	EA	1	OM3-R
2ND STREET	0.523	–		LT	SIGN	EA	1	OM3-L
2ND STREET	0.523	–		RT	SIGN	EA	1	OM3-R
2ND STREET	0.518	–	0.523	RT/LT	36" SURFACE-MOUNT DELINEATOR POSTS	EA	10	5 LT AND 5 RT
						TOTAL	1 LUMP SUM	

EROSION CONTROL

LOG MILE	LOG MILE	SILT FENCE LOCATION	LENGTH	# OF DITCH CHECKS EACH STRUCTURE	# OF CROSSROAD STRUCTURES	SILT FENCE	ROCK DITCH CHECK	SEDIMENT REMOVAL	REMARKS
				EA	EA	LF	LF	CY	
0.000	0.010	RT	52.8			0.8		0.0	NEW 2' SHOULDER RT
0.010	4.176	RT/LT	21996.5	4	19	333.3	760.0	79.3	NEW 2' SHOULDER RT & LT
4.517	4.707	RT/LT	1003.2			15.2		0.2	NEW 2' SHOULDER RT & LT
					TOTAL	349	760	79	
10 LF PER ROCK DITCH CHECK									

DRAINAGE, PIPES, AND CLASS 3 EXCAVATION

LT/RT	ROUTE	LOG MILE	PIPE GROUP GROUP A 15" LF	PIPE GROUP GROUP A 18" LF	TYPE A PIPE COLLAR (SMOOTH TAPERED SLEEVE) EACH	CULVERT CLEANOUT EACH	CLASS 3 EXCAVATION CY	REMARKS
RT	P	0.008	4.0		1	1		
LT	P	5.011		3.0	1		12	
		TOTALS	4	3	2	1	12	
		USE	4	3	2	1	12	

SLAB JACKING MATERIAL HIGH DENSITY POLYURETHANE

LOG MILE	LOCATION BR #	SLAB JACKING (LB)	REMARKS
4.342	A5384	600	NB APPROACH SLAB (1/4")
4.379	A5384	600	SB APPROACH SLAB (1/4")
	TOTAL	1200.0	1200 LB PER LANE PER INCH PER APPROACH
	USE	1200	

CONTRACTOR FURNISHED SURVEYING & STAKING

1 LUMP SUM

MOBILIZATION

1 LUMP SUM

GRAVEL (A) OR CRUSHED STONE (B)

208 TONS

SUMMARY OF QUANTITIES
SHEET 1 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE P | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY LAWRENCE
JOB NO. J7S3494
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)

BITUMINOUS PAVEMENT

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	APPROACH AREA SF	1.75" BP-2 TONS	1.5" BP-2 TONS	TACK COAT 0.08 GAL/SY GAL	TACK COAT 0.10 GAL/SY GAL	REMARKS
P	0.000	–	0.001	4.0	VAR	50.9	0.5			0.6	1.75" to 1.5" TAPER AREA 39 TO RTE. P
P	0.001	–	4.176	22044.0	20.0			4082.7	3918.9		BEGINNING OF RTE. P
P	4.176	–	4.308	697.0	32.0			206.5	198.2		BRIDGE A5384
P	4.308	–	4.336	150.0	32.0			44.4		53.3	BRIDGE A5384
P	4.379	–	4.407	150.0	32.0			44.4		53.3	BRIDGE A5384
P	4.407	–	4.482	396.0	32.0			117.3	112.6		
P	4.482	–	4.510	150.0	32.0			44.4		53.3	RAILROAD
P	4.517	–	4.545	150.0	20.0			27.8		33.3	RAILROAD
P	4.545	–	5.082	2835.4	20.0			525.1	504.1		
P	5.082	–	5.110	150.0	20.0			27.8		33.3	MILL/FILL TRANSITION
P	5.110	–	5.304	1024.3	20.0			189.7		227.6	MILL FILL
P	5.304	–	5.332	150.0	20.0			27.8		33.3	MILL/FILL TRANSITION
P	5.332	–	5.565	1230.2	20.0			227.8	218.7		
P	5.565	–	5.593	150.0	20.0			27.8		33.3	END OF RTE. P
P	5.593	–	5.600	37.0	VAR	852.0		7.9		9.5	MILL/FILL TO RADIUS
2ND STREET	0.471	–	0.516	237.6	20.0			44.0	42.2		
2ND STREET	0.516	–	0.544	150.0	20.0			27.8		33.3	END OF 2ND STREET
2ND STREET	0.544	–	0.563	100.3	VAR	945.0		8.8		10.5	MILL/FILL TO RADIUS
ENTRANCES AND IRREGULARITIES											
P	0.000	–	0.001	5.3	20.0		0.1				IRREGULARITIES 75 TONS/MILE
P	0.001	–	5.600	29562.7	20.0			419.9			IRREGULARITIES 75 TONS/MILE
P	0.001	–	5.600	2489.5	2.0			35.4	44.3		ENTRANCES
P	0.001	–	5.600	514.00	2.0			7.3	9.1		MAILBOXES
2ND STREET	0.471	–	0.563	485.76	20.0			6.9			IRREGULARITIES 75 TONS/MILE
2ND STREET	0.471	–	0.563	485.76	2.0			6.9	8.6		ENTRANCES
2ND STREET	0.471	–	0.563	485.76	2.0			6.9	8.6		MAILBOXES
						TOTALS	0.7	6165.5	5065.3	574.6	
						USE	SEE BP-2 TABLE		SEE TACK COAT TABLE		

NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.

MODIFIED A3 SHOULDERS

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	2.25" BP-1 TONS	1.5" BP-2 TONS	TACK COAT 0.08 GAL/SY	REMARKS
P	0.000	–	0.010	52.8	2.0	1.5	1.0	0.9	NEW 2' SHOULDER RT
P	0.010	–	4.176	21996.5	4.0	1224.0	814.8	782.1	NEW 2' SHOULDER RT & LT
P	4.517	–	4.707	1003.2	4.0	55.8	37.2	35.7	NEW 2' SHOULDER RT & LT
					TOTAL	1281.3	852.9	818.7	
					USE	1281.3	SEE BP-2 TABLE	SEE TACK COATS TABLE	

GUARDRAIL

LOG MILE	TO	LOG MILE	LOCATION	BRIDGE APPROACH TRANSITION EA	CWT TYPE A EA	MGS GUARDRAIL LF	SHAPING SLOPES CLASS III 100 FT	REMARKS
4.320	–	4.347	RT	1	1	75	1.4	BRIDGE A5384, NW
4.369	–	4.384	RT	1	1	12.5	0.7	BRIDGE A5384, SW
4.320	–	4.347	LT	1	1	12.5	0.7	BRIDGE A5384, NE
4.369	–	4.384	LT	1	1	75	1.4	BRIDGE A5384, SE
		TOTAL		4	4	175	4.2	
		USE		4	4	175	4	

PERMANENT AGGREGATE EDGE TREATMENT

ROUTE	LOG MILE	TO	LOG MILE	LENGTH MILES	AGGREGATE 200 TON/MILE* TON	PRIME MC 800 590 GAL/MILE* GAL	REMARKS
P	4.176	–	4.336	0.160	32.0	94.4	BRIDGE EXCEPTION
P	4.379	–	4.510	0.131	26.2	77.3	RAILROAD EXCEPTION
P	4.707	–	5.110	0.403	80.6	237.8	
P	5.304	–	5.593	0.289	57.8	170.5	
2ND STREET	0.471	–	0.544	0.073	14.6	43.1	
				TOTALS	211.2	623.0	*INCLUDES 2' WIDTH BOTH SIDES
				USE	211	623	OF ROADWAY

TACK COAT

TABLE	TACK COAT GAL	REMARKS
BITUMINOUS PAVEMENT	5639.9	
MODIFIED A3 SHOULDERS	818.7	
TOTAL	6458.6	
USE	6459	

BP-2

TABLE	BP-2 TONS	REMARKS
BITUMINOUS PAVEMENT	6166.2	
MODIFIED A3 SHOULDERS	852.9	
TOTAL	7019.1	
USE	7019.1	

SUMMARY OF QUANTITIES

SHEET 2 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	3

COUNTY: LAWRENCE
JOB NO.: J7S3494
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)

MODIFIED COLDMILLING (DEPTH TRANSITIONS)

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	WIDTH LF	AREA SY	REMARKS
P	0.000	–	0.001	4.0	VAR	50.9	TRANSITION 1.75" TO 0"
P	4.308	–	4.336	150.0	32.0	533.3	BRIDGE BEG
P	4.379	–	4.407	150.0	32.0	533.3	BRIDGE END
P	4.482	–	4.510	150.0	32.0	533.3	RAILROAD CROSSING
P	4.517	–	4.545	150.0	20.0	333.3	RAILROAD CROSSING
P	5.082	–	5.110	150.0	20.0	333.3	MILL/FILL TRANSITON
P	5.304	–	5.332	150.0	20.0	333.3	MILL/FILL TRANSITON
P	5.565	–	5.593	150.0	20.0	333.3	TRANSITION TO 0"
2ND STREET	0.516	–	0.544	150.0	20.0	333.3	TRANSITION TO 0"
					TOTAL	3317.6	
					USE	3318	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACE (3 IN. THICK OR LESS)

ROUTE	LOG MILE	TO	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	AREA SY	REMARKS
2ND STREET	0.544	–	0.563	100.3	VAR	105.0	1.5" COLDMILLING
P	5.110	–	5.304	1024.3	20.0	2276.3	1.5" COLDMILLING
P	5.593	–	5.600	37.0	VAR	94.6	1.5" COLDMILLING
					TOTAL	2475.9	
					USE	2476	

SHOULDER GRADING, SEEDING & MULCHING

LT/RT OFFSET	BEGIN LOG MILE	END LOG MILE	NET LENGTH LF	AVG. WIDTH LF	MODIFIED LINEAR GRADING CLASS 2 100FT	LINEAR GRADING CLASS 2 FOR SHOULDERS 100FT	COOL SEASON SEEEDING ACRE	TEMPORARY SEEDING ACRE	MULCHING ACRE	REMARKS
LT	0.010	4.176	21996.5	2.0	132.0	88.0	1.01	0.25	1.26	2' SHOULDER
LT	0.444	0.512	346.0	2.0	2.1		0.02	0.00	0.02	GRADE DRAIN
LT	4.520	4.707	987.4	2.0	5.9	3.9	0.05	0.01	0.06	2' SHOULDER
RT	0.000	4.176	22049.3	2.0	132.3	88.2	1.01	0.25	1.27	2' SHOULDER, INCLUDE APRON
RT	4.520	4.707	987.4	2.0	5.9	3.9	0.05	0.01	0.06	2' SHOULDER
RT	4.993	5.026	174.2	2.0	1.0		0.01	0.00	0.01	GRADE DRAIN, EASTERN DTICH
LT	4.996	5.048	273.0	2.0	1.6		0.01	0.00	0.02	GRADE DRAIN
RT	66.777✳	66.822✳	232.0	2.0	1.4		0.01	0.00	0.01	ROUTE 39 TO BEGINNING OF P APRON
				TOTAL	282.3	184.1	2.16	0.54	2.70	✳ROUTE 39 LOG MILES
				USE	282.0	184	2.2	0.5	2.7	

PAVEMENT MARKING

ROUTE	LOG MILE	TO	LOG MILE	LOCATION	CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS) 4" SOLID WHITE LF	CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS) 4" SOLID YELLOW LF	PREFORMED THERMOPLASTIC MARKING 24" WHITE LF	PREFORMED THERMOPLASTIC MARKING RAILROAD CROSSING EA	REMARKS
P	0.000	–	5.600	LT & RT & CR	59140.0	59140.0	80	2	
2ND STREET	0.471	–	0.570	LT & RT & CR	1050.0	1050.0			P TO BUS 60
				TOTALS	60190	60190	80	2	
				USE	60190	60190	80	2	

BITUMINOUS RUMBLE STRIPS

LOG MILE	TO	LOG MILE	LENGTH LF	SHOULDER RUMBLE STRIPS STA.	REMARKS
LT & RT					
0.000	–	4.336	22894.1	457.9	BEGIN PROJECT TO BRIDGE EXCEPTION
4.379	–	4.508	681.1	13.6	BRIDGE EXCEPTION TO RAILROAD
4.520	–	4.707	987.4	19.7	CITY LIMIT
			LT/RT	-121.3	SUBTRACT ENT/SIDEROADS
			TOTAL	369.9	
			USE	370	

SUMMARY OF QUANTITIES
SHEET 3 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
LAWRENCE

JOB NO.
J7S3494

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)
WO4-2L	48X48	16.00						LANE ENDS LEFT
WO4-2R	48X48	16.00						LANE ENDS RIGHT
WO5-1	48X48	16.00	2	32.00				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	2	10.00				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	12	192.00				UNEVEN LANES
WO8-12	48X48	16.00	6	96.00				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	6	96.00				SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00	6	30.00				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	36	576.00				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	5	80.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	5	80.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00	2	32.00				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	2	4.38				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	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	1	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	12.00				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	4	48.00				SPEED LIMIT (2@45, 2@55)
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						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
	1431

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	100	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		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 WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		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

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

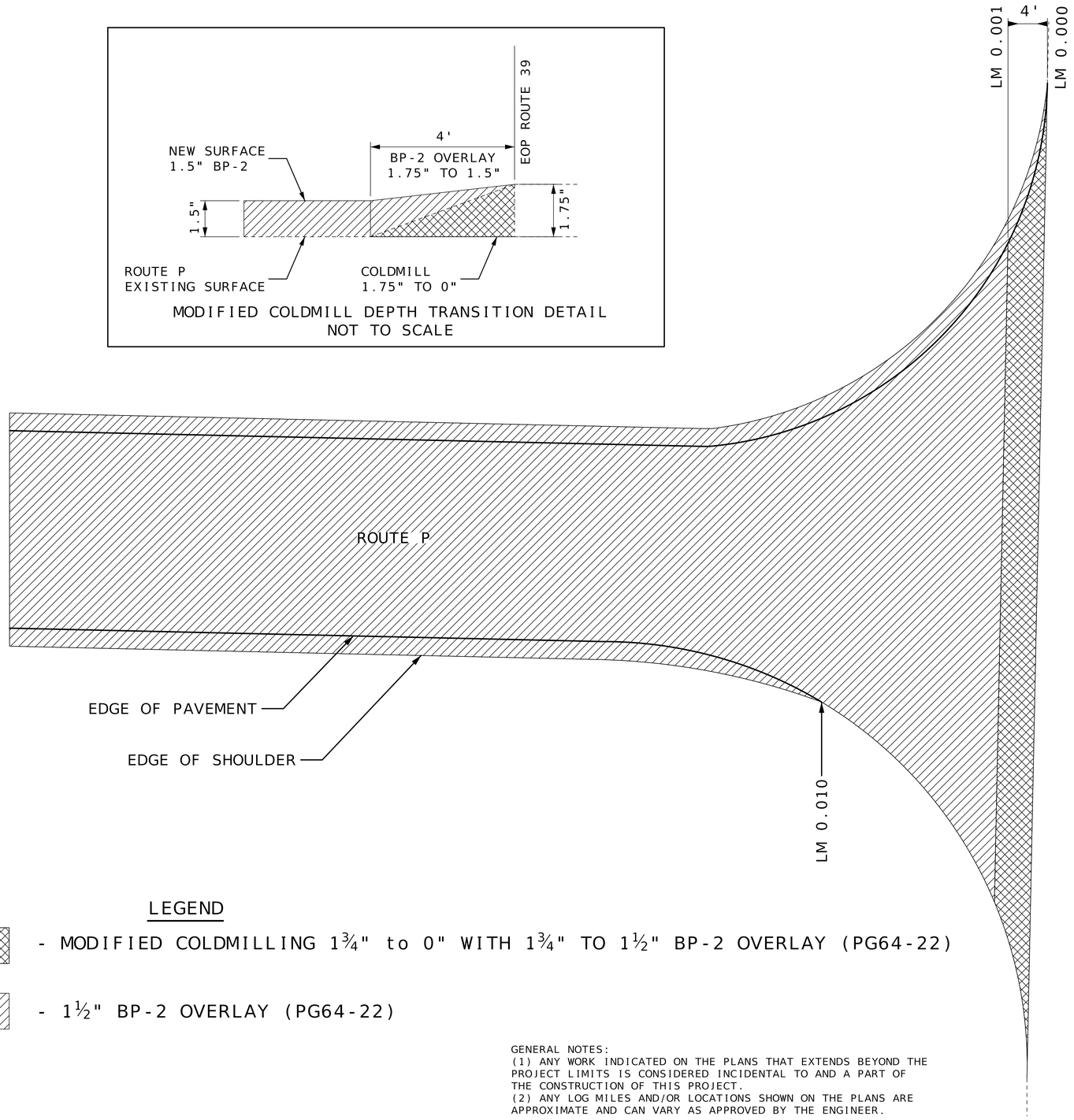
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

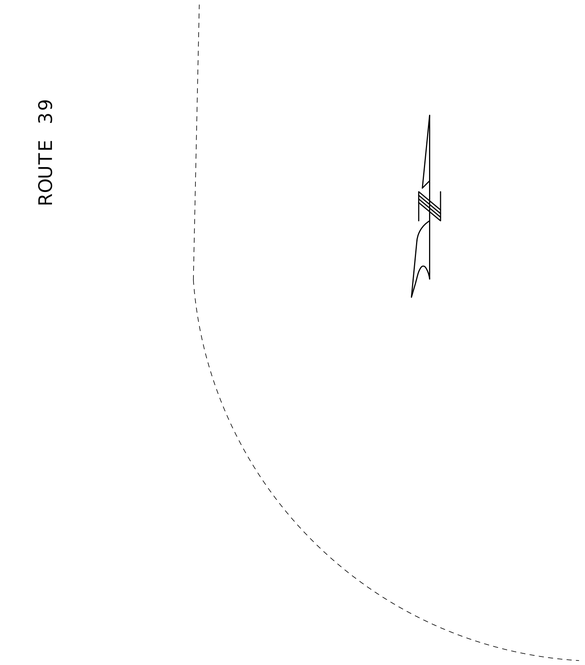
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SUMMARY OF QUANTITIES

SHEET 4 OF 4

MODIFIED COLDMILL DEPTH TRANSITION DETAIL
NOT TO SCALE





LEGEND

- MODIFIED COLDMILLING 1¾" to 0" WITH 1¾" TO 1½" BP-2 OVERLAY (PG64-22)

- 1½" BP-2 OVERLAY (PG64-22)

GENERAL NOTES:
(1) 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.
(2) ANY LOG MILES AND/OR LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY THE ENGINEER.

NOT TO SCALE

SPECIAL SHEET
SHEET 1 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
LAWRENCE

JOB NO.
J7S3494

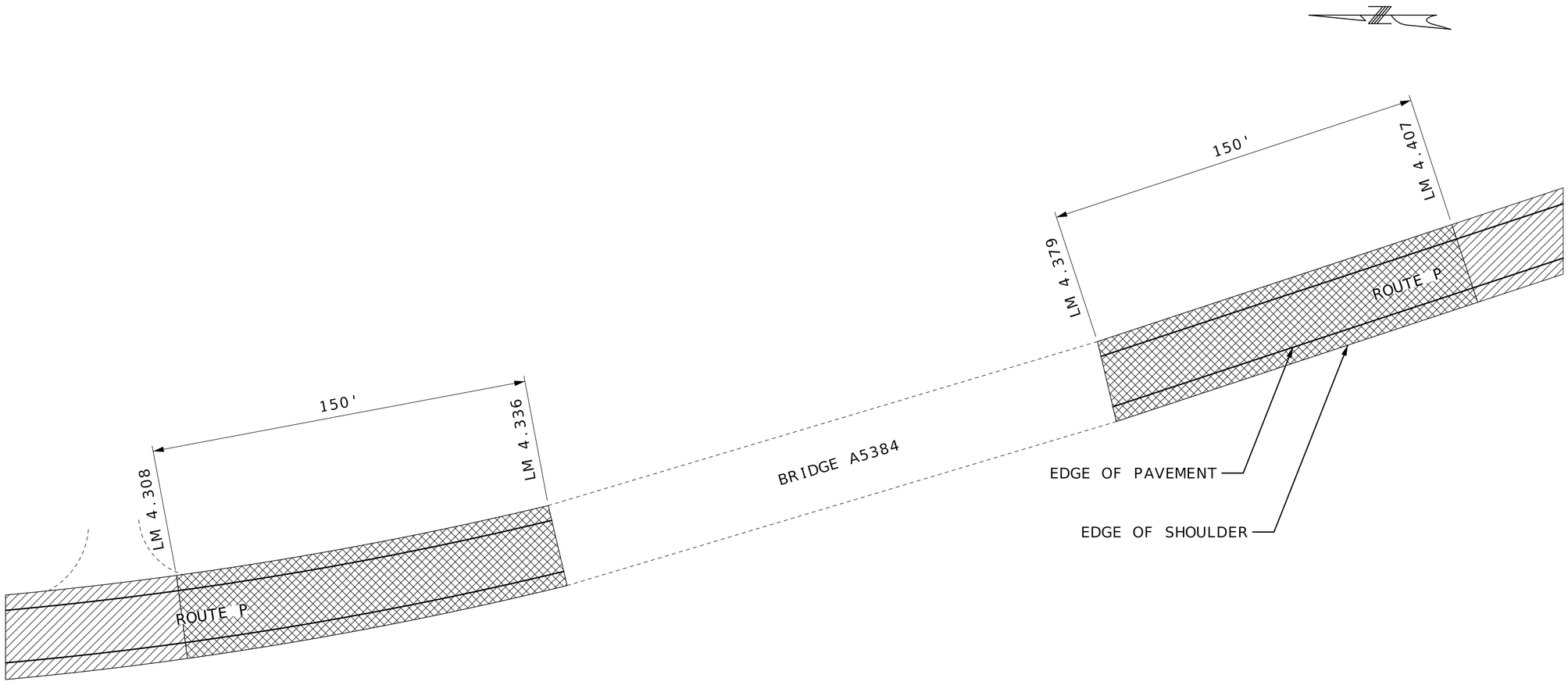
CONTRACT ID.

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)



LEGEND

- MODIFIED COLDMILLING WITH 1½" BP-2 (PG64-22)

- 1½" BP-2 OVERLAY (PG64-22)

NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

09/09/2026 1:00:44PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO

DISTRICT	SHEET NO.
SW	5

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

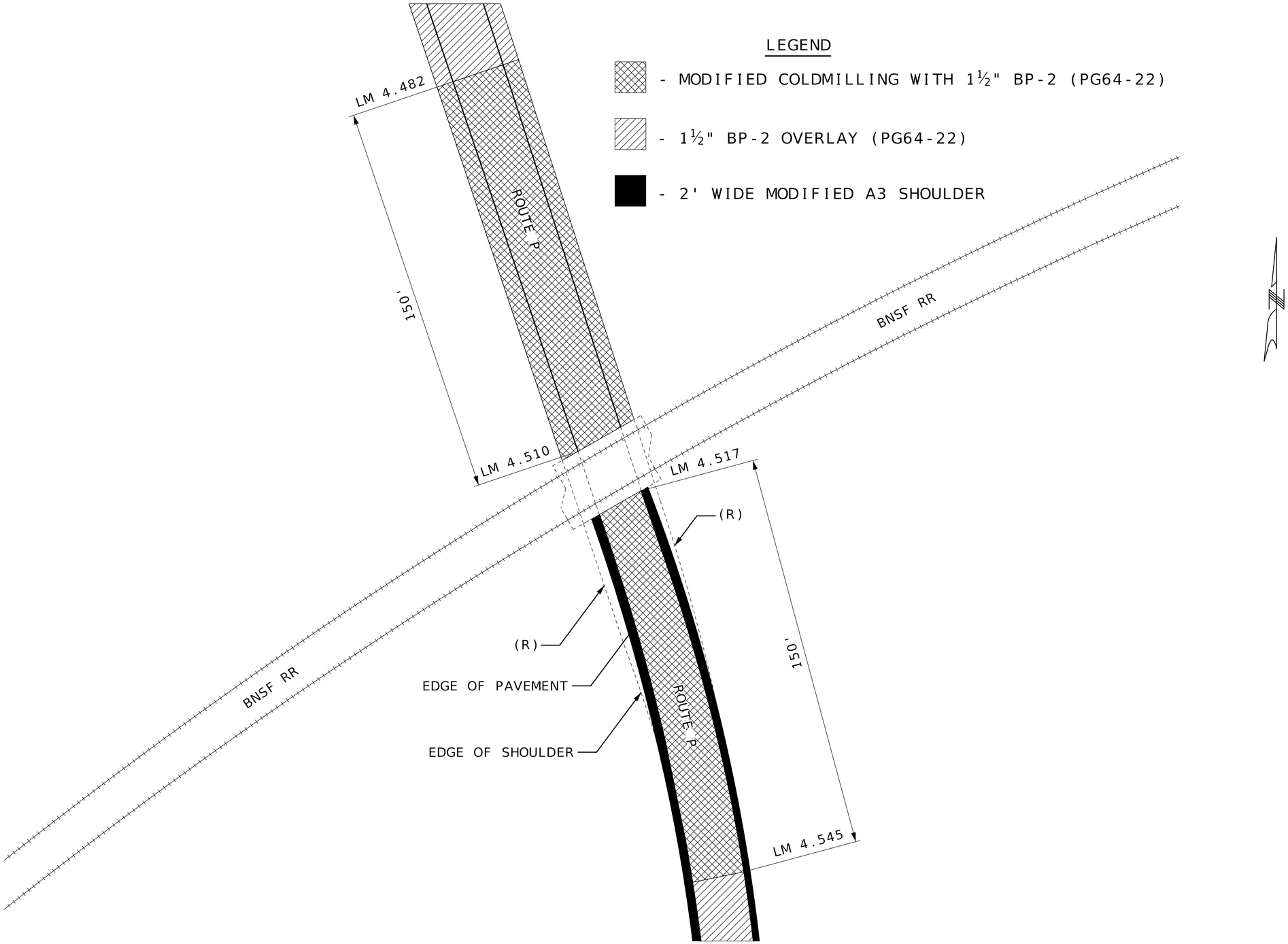
PROJECT NO.

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

SPECIAL SHEET
SHEET 3 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

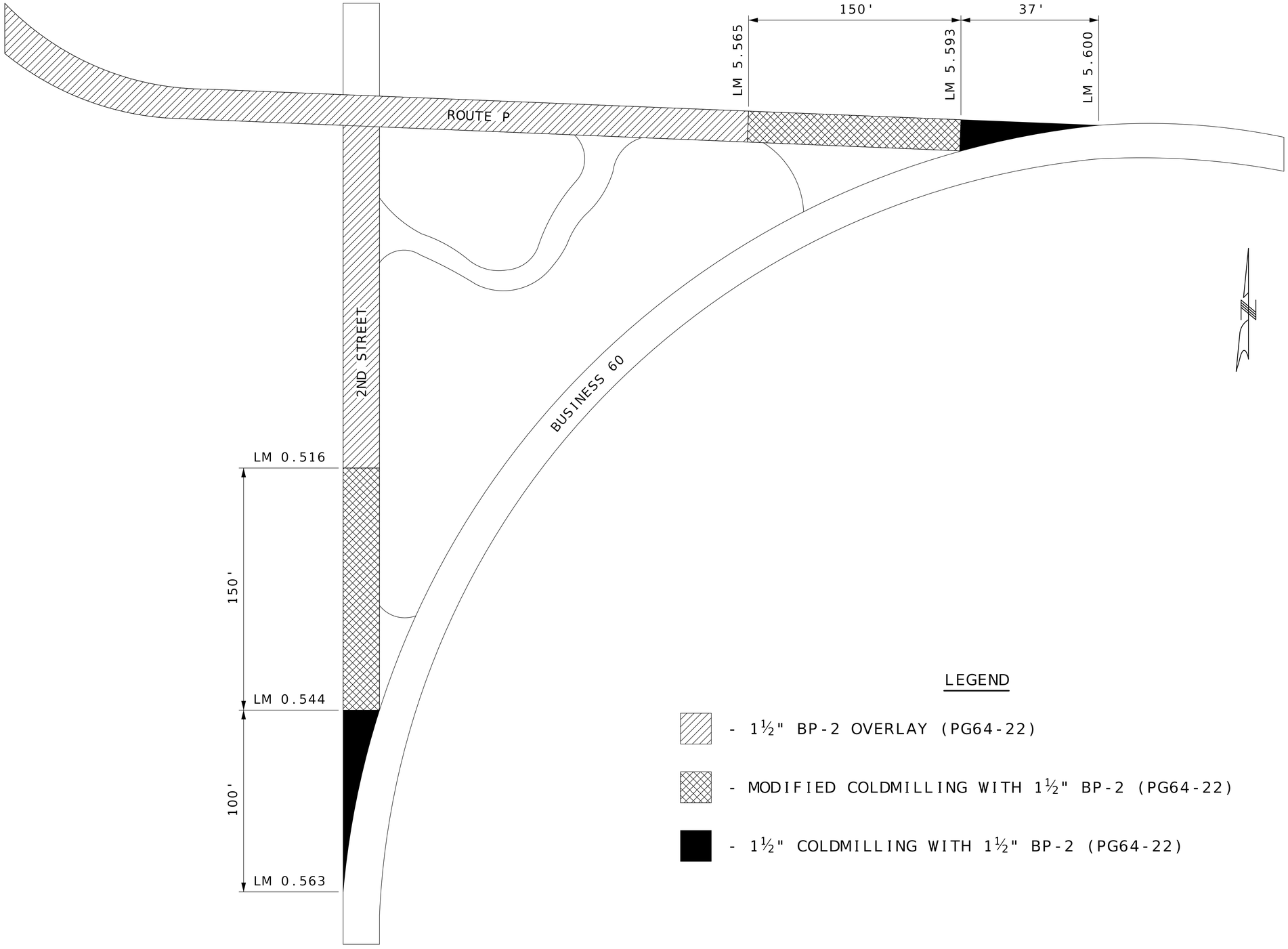
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



LEGEND

- $1\frac{1}{2}$" BP-2 OVERLAY (PG64-22)
- MODIFIED COLDMILLING WITH $1\frac{1}{2}$" BP-2 (PG64-22)
- $1\frac{1}{2}$" COLDMILLING WITH $1\frac{1}{2}$" BP-2 (PG64-22)

NOT TO SCALE

SPECIAL SHEET
SHEET 4 OF 4

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 9:58:46 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/6/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

PROJECT NO.

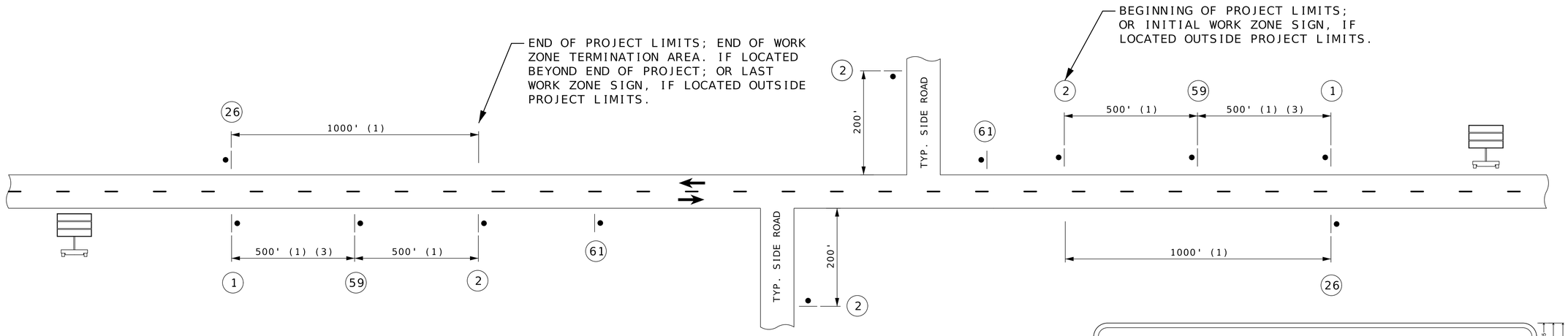
BRIDGE NO.

DESCRIPTION	DATE

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

GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. 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.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS 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.
10. 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.
11. 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.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

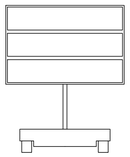
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.

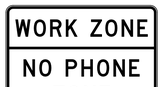
(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

(5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED

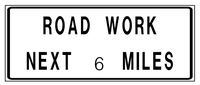


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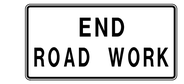
CONST-8

59 (3)



GO20-1

1 (5)



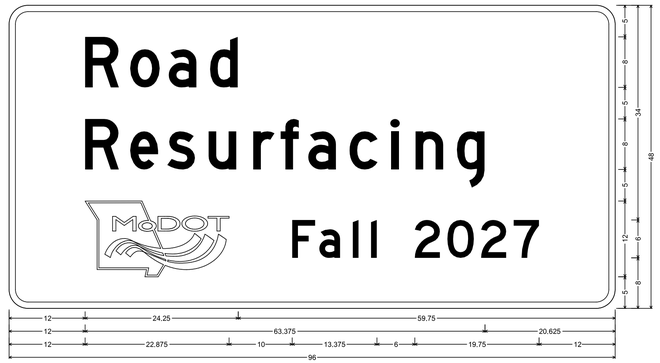
GO20-2

26 (5)



WO20-1

2



CONST-5 SH-FLAT SHEET:
3.000" Radius, 1.000" Border, White on, Green: "Road", D; "Resurfacing", D; "Fall 2027", D;
Table of letter and object lefts

R 12.000	o 19.125	a 25.250	d 31.875

R 12.000	e 19.125	s 25.000	u 31.625	r 38.625	f 43.000	a 47.375	c 53.875	i 60.500	n 64.375	g 70.875	
12.000	F 44.875	a 49.125	l 54.500	l 57.375	2 64.250	0 69.375	2 74.750	7 79.875			

CONST-5-96

61 (2)

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 9

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/21/2026 2:41:01 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/21/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	8

COUNTY: LAWRENCE

JOB NO.: J7S3494

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)



WO20-1

2



WO20-4

7



WO20-7a

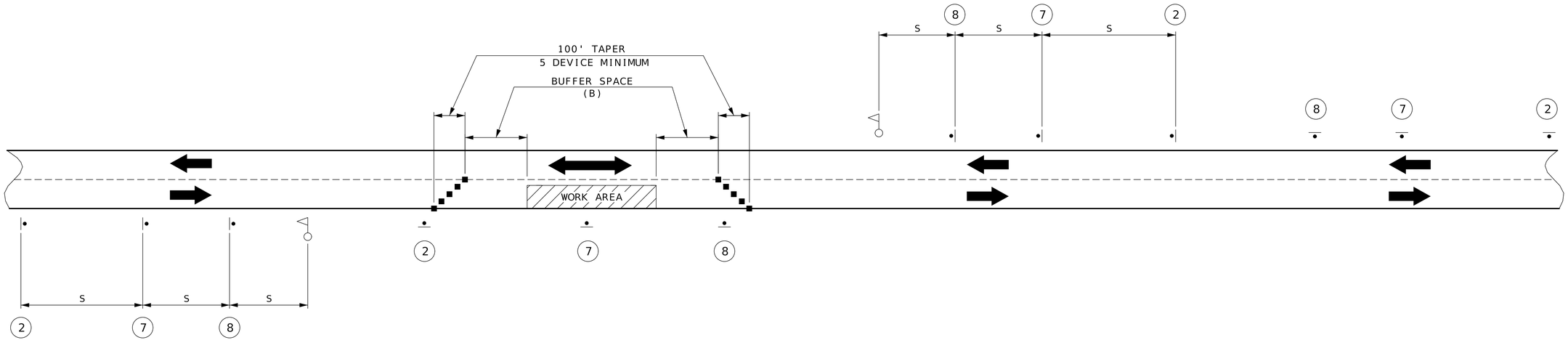
8



GO20-4

53

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC). SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT) (B)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

SPACING NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

MOVING FLAGGER OPERATION
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 9

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

PROJECT NO.

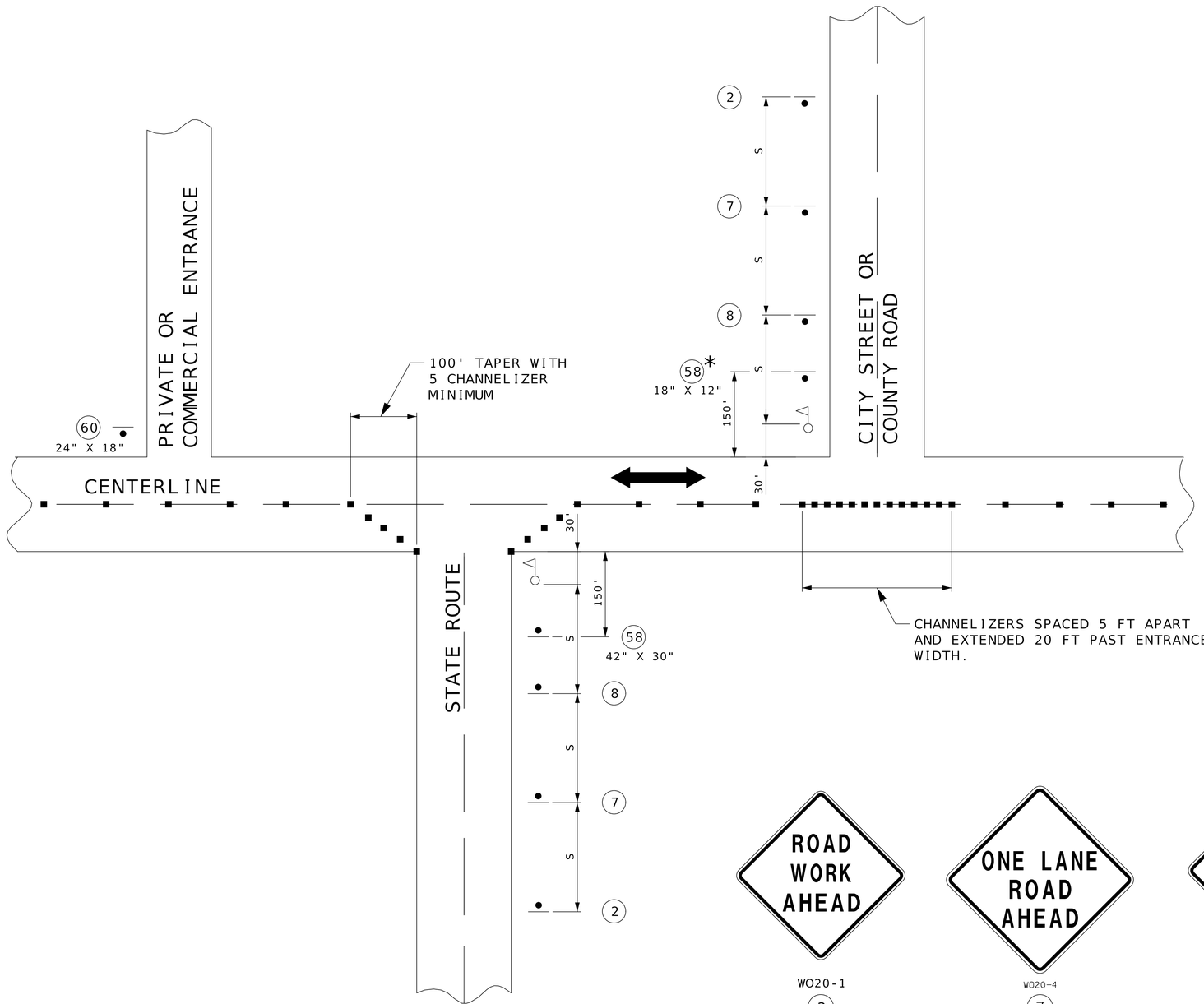
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIDE ROADS ENTERING WORK ZONES



SPEED	SIGN SPACING (FT.)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER WORK AREA
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).



GO20-4a
(58)

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).



24" X 18"
(60)

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

WO20-1
(2)

WO20-4
(7)



WO20-7a
(8)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 9

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
LAWRENCE

JOB NO.
J7S3494

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)



WO20-1

(2)



WO20-4

(7)



WO20-7a

(8)

GO20-5aP





R2-1

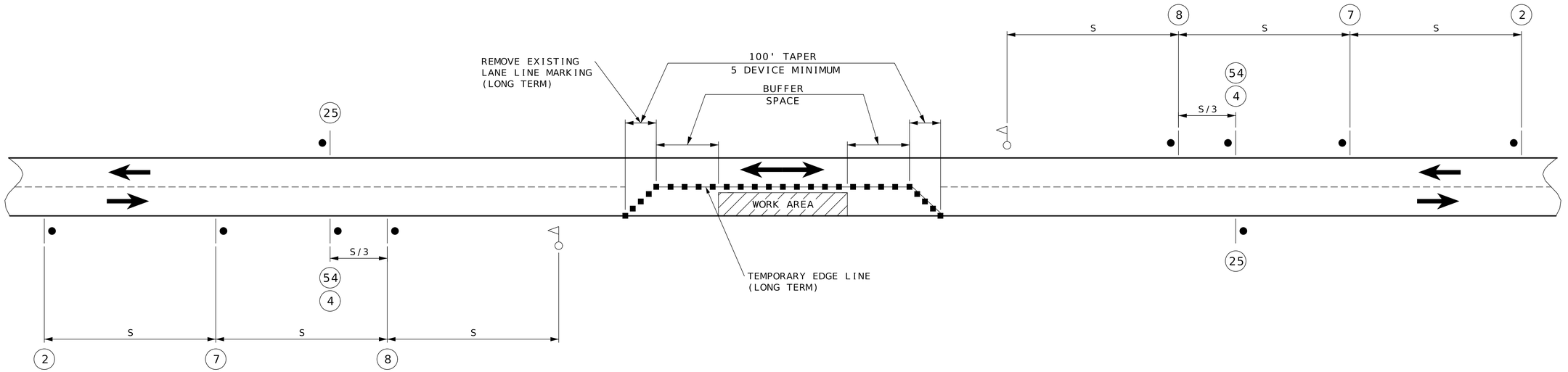
(54)
(4)



R2-1

(25)

(NORMAL SPEED)



NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL.
THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE. NO DIRECT PAY.

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)	OPTIONAL
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	BUFFER/ WORK AREAS	BUFFER LENGTH (FT)
0-35	200	40	250
40-45	350	80	360
50-55	500	80	495
60-70	1000	120	730

SPACING NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

• SIGN (SINGLE SIDED)

FLAGGER

■ CHANNELIZER

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 9

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

PROJECT NO.

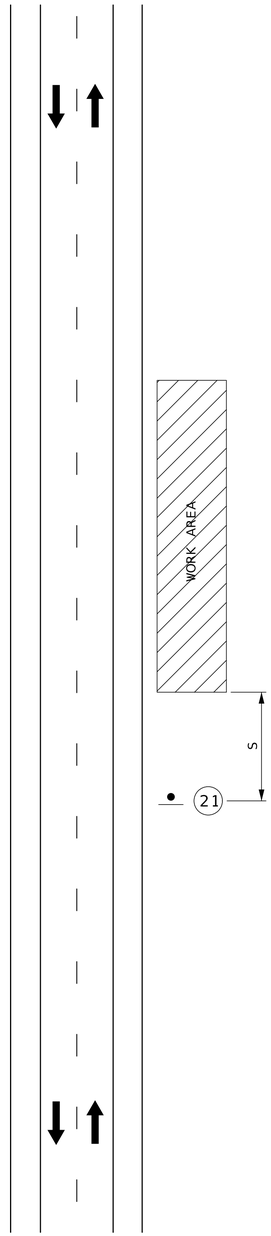
BRIDGE NO.

DESCRIPTION	DATE

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

WORK BEYOND THE SHOULDER

(UNDIVIDED HIGHWAY)



SPEED	SIGN SPACING (FT) (1)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)
0-35	200
40-45	350
50-55	500
60-70	1000

SPACING NOTES:

(1) SPACING BETWEEN SIGNS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.



WO21-5

21

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 9

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
LAWRENCE

JOB NO.
J7S3494

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)

SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

(1) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



WO20-1

(2)



WO21-5

(21)



WO5-1

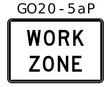


(1)

WO7-3a

(43) *

GO20-5aP





R2-1

(54)
(4)



R2-1

(25)

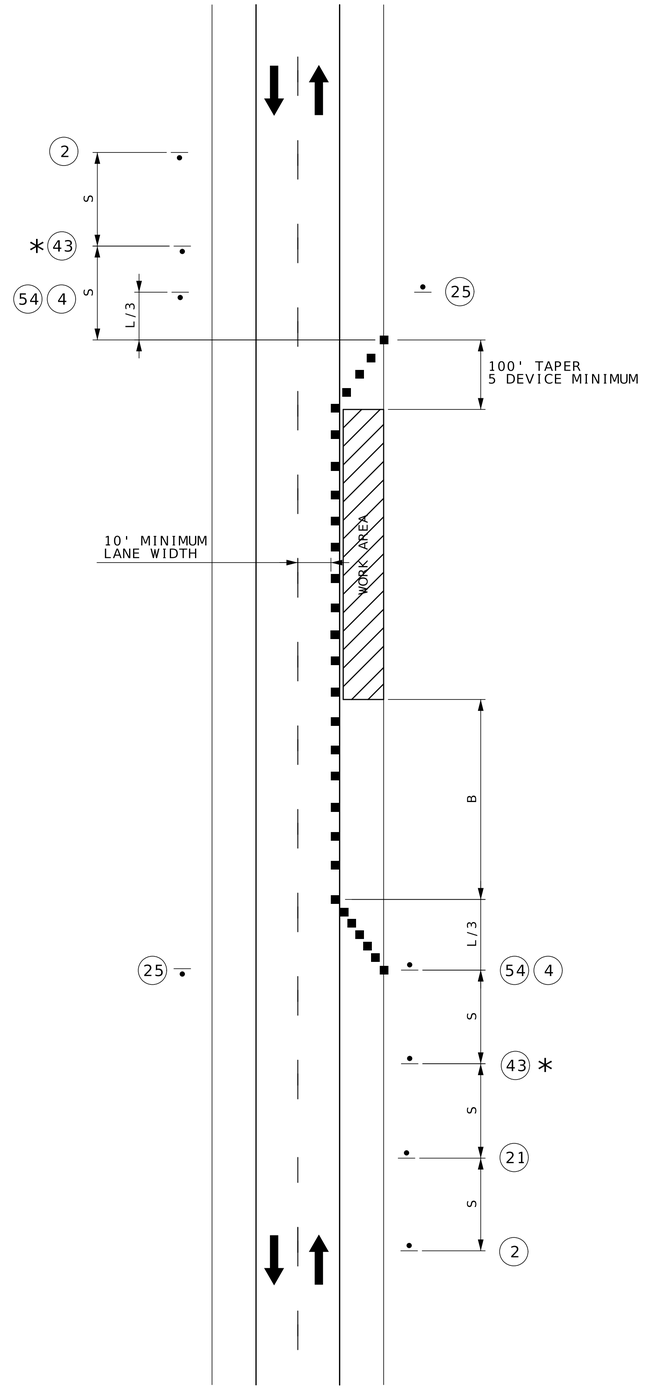
(NORMAL SPEED)

* OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- • SIGN (SINGLE SIDED)
- ■ CHANNELIZER

SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT (UNDIVIDED HIGHWAY)



NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 9

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 12:59:37 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

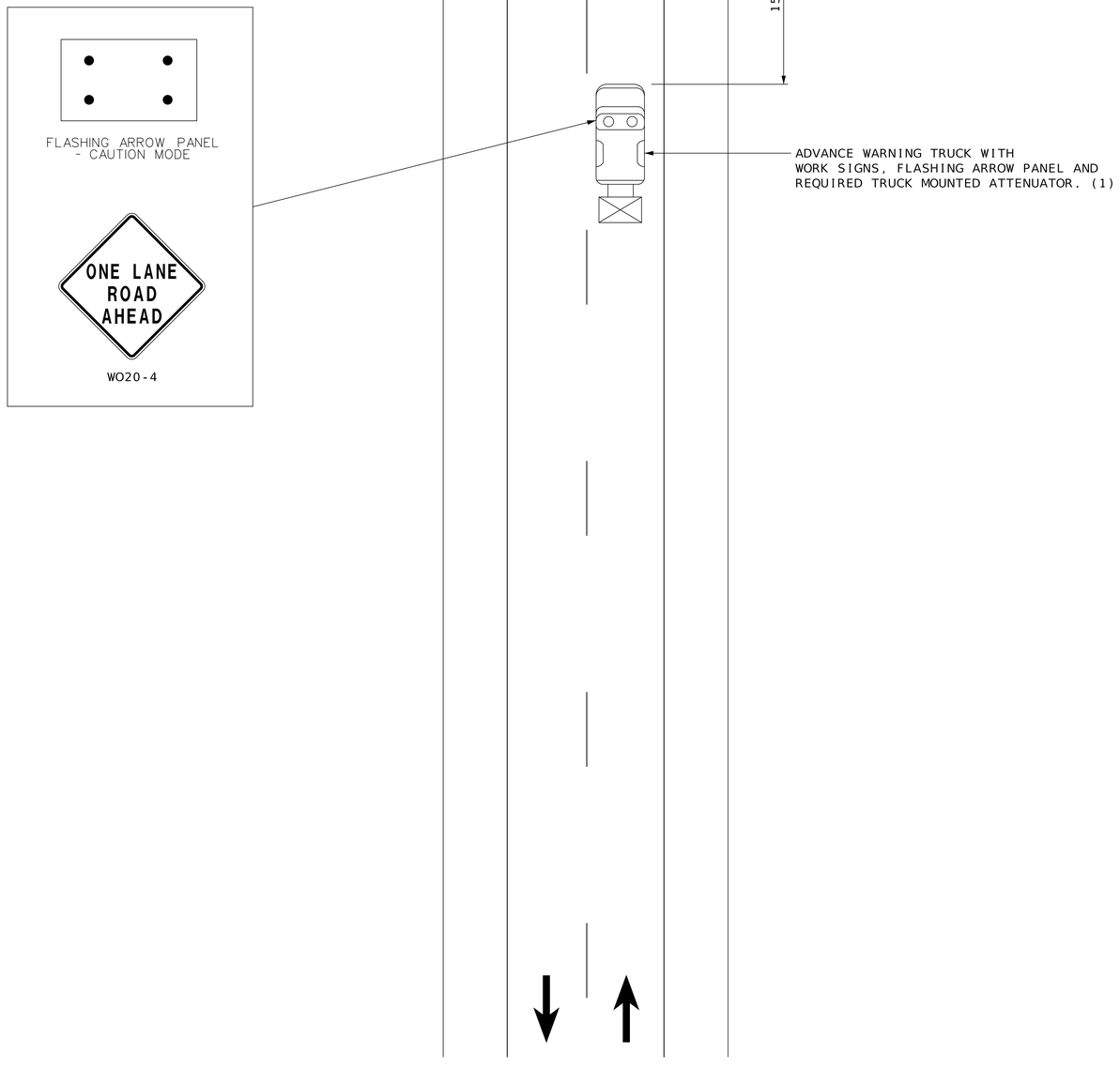
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



MOBILE OPERATION ON TWO-LANE HIGHWAY

NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCKS 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.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

FLASHING ARROW PANELS AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) ADVANCE WARNING TRUCK IS POSITIONED AT VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 9

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
LAWRENCE

JOB NO.
J7S3494

CONTRACT ID.

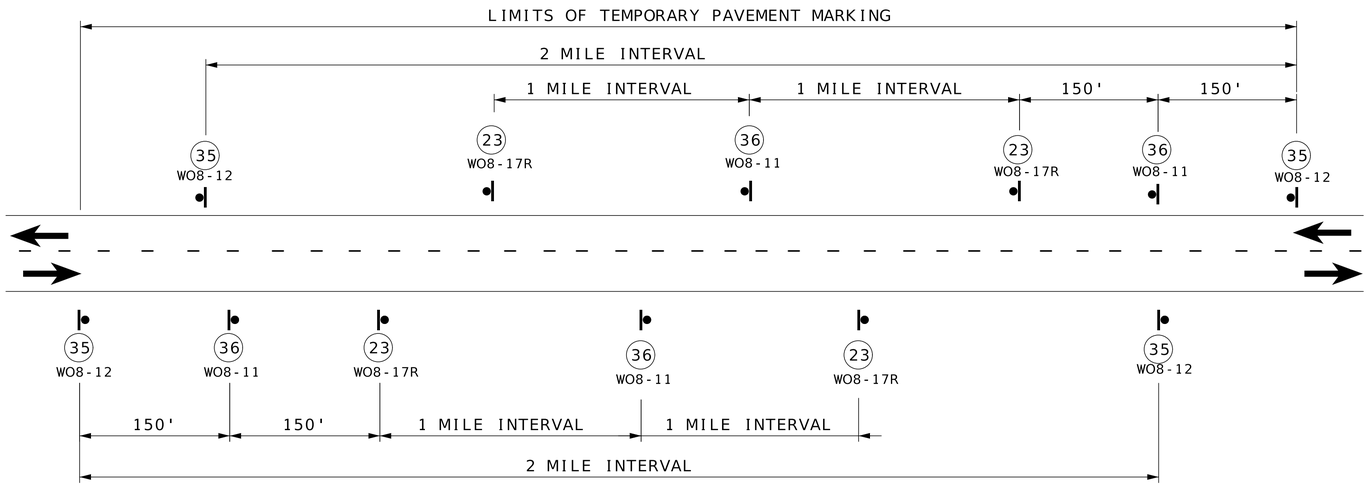
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

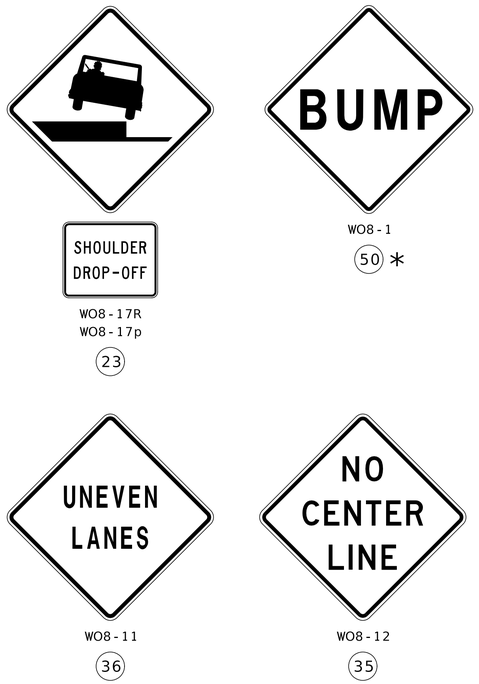
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

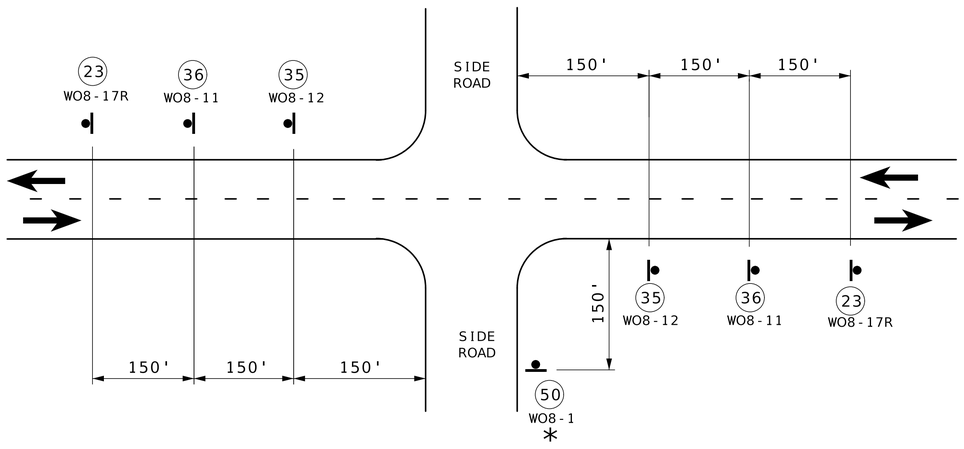
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.





SIGN SPACING AT STATE ROUTE INTERSECTIONS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35) , THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

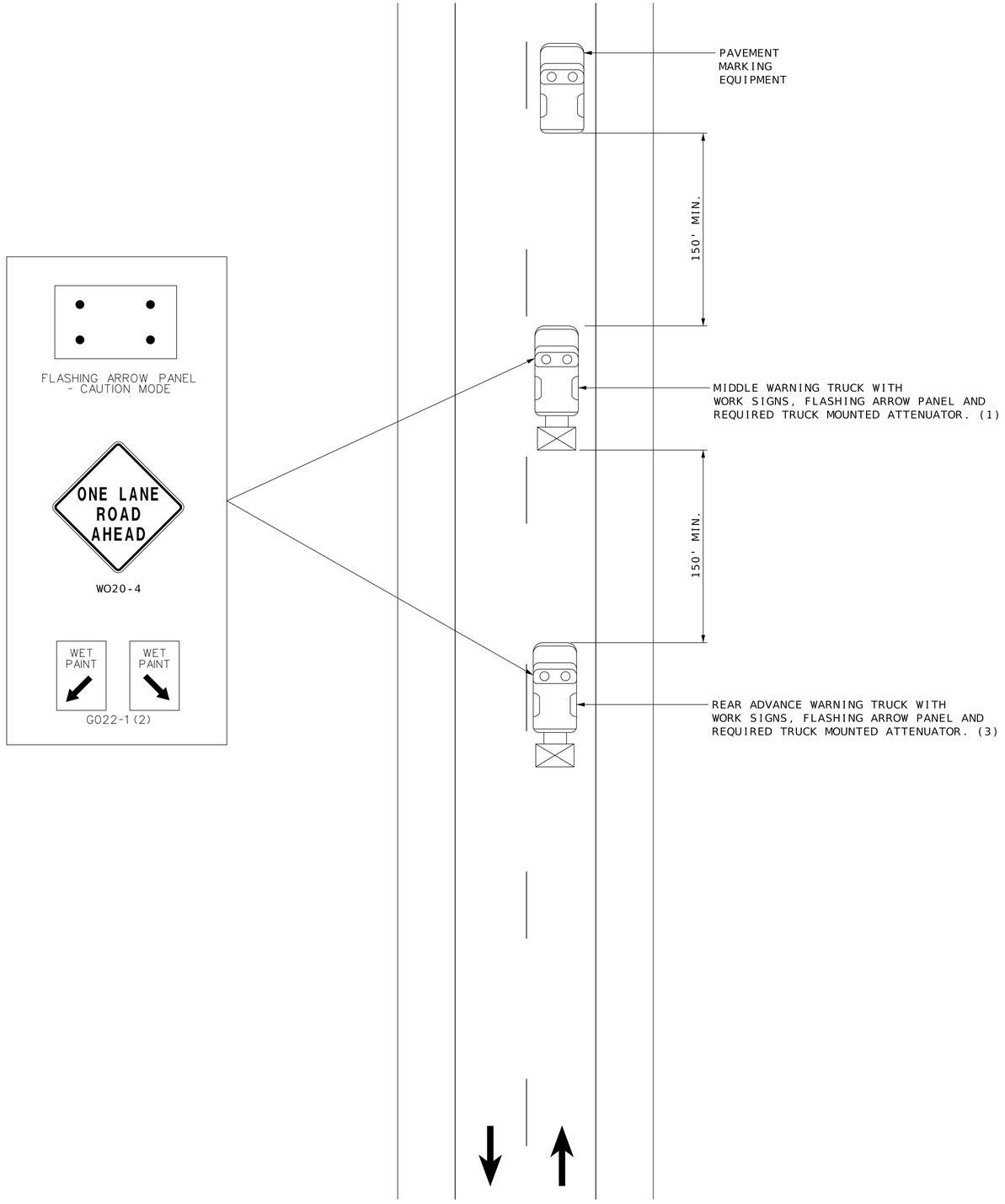
NOT TO SCALE

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/8/2026
ROUTE: P | STATE: MO
DISTRICT: SW | SHEET NO.: 15
COUNTY: LAWRENCE
JOB NO.: J7S3494
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 ON TWO-LANE HIGHWAY

NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCKS 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.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) 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.

(3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 9 OF 9

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
LAWRENCE

JOB NO.
J7S3494

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

SIGN NO.	SIGN SIZE	STA/ LM	LOCATION	SIGN DTL SHT NO.	CONCRETE FOOTINGS EMBEDDED (I-BEAM/PIPE) ITEM NO. 9031010 CY	I-BEAM POSTS* POST + STUB DES NO.	NO.1 LF	NO.2 LF	NO.3 LF	LBS PER FT	TOTAL ITEM NO. 9031210 LBS	PIPE POSTS* POST + STUB SIZE IN.	NO.1 LF	NO.2 LF	LBS PER FT	TOTAL ITEM NO. 9031220 LBS	4"SQUARE STEEL POST* BASE ITEM NO. 9031005 EACH	POST ITEM NO. 9031230 LF	PERFORATED SQUARE STEEL TUBE** 2" POST NO.1 LF	NO.2 LF	TOTAL ITEM NO. 9031270A LF	ANCHORS DRIVEN ITEM NO. 9031273A EACH	CONCRETE ITEM NO. 9031274 EACH	2.5" POST NO.1 LF	NO.2 LF	TOTAL ITEM NO. 9031280 LF	ANCHORS DRIVEN ITEM NO. 9031281A EACH	CONCRETE ITEM NO. 9031285 EACH	BREAK-AWAY ASSEMBLY ITEM NO. 9031241 EACH	U-CHANNEL POST ITEM NO. 9031250A LF	ALUMINUM BACKING BARS COUNT EACH	LENGTH IN.	TOTAL ITEM NO. 9035030 LF	COLUMN MOUNTING C-CHANNEL ITEM NO. 9035031 LF	REMARKS AND OTHER REQUIRED ITEMS
1	12 X 36		LT																					16		16		1							WHITE DELINEATOR - LT: 5
2	12 X 36		LT																					16		16		1							WHITE DELINEATOR - RT: 5
3	12 X 36		LT																					16		16		1							TOTAL : 10
4	12 X 36		RT																					16		16		1							
5	12 X 36		RT																					16		16		1							
6	12 X 36		RT																					16		16		1							
7	12 X 36		LT																					16		16		1							
8	12 X 36		LT																					16		16		1							
9	12 X 36		LT																					16		16		1							
10	12 X 36		RT																					16		16		1							
11	12 X 36		RT																					16		16		1							
12	12 X 36		RT																					16		16		1							
13	12 X 36		LT																					16		16		1							
14	12 X 36		RT																					16		16		1							
15	12 X 36		LT																					16		16		1							
16	12 X 36		RT																					16		16		1							
17	12 X 36		LT																					16		16		1							
18	12 X 36		LT																					16		16		1							
19	12 X 36		LT																					16		16		1							
20	12 X 36		RT																					16		16		1							
21	12 X 36		RT																					16		16		1							
22	12 X 36		RT																					16		16		1							
23	12 X 36		LT																					16		16		1							
24	12 X 36		LT																					16		16		1							
25	12 X 36		LT																					16		16		1							
26	12 X 36		RT																					16		16		1							
27	12 X 36		RT																					16		16		1							
28	12 X 36		RT																					16		16		1							
29	36 DIA.		RT																					16		16		1							
30	36 DIA.		LT																					16		16		1							
31	12 X 36		LT																					16		16		1							
32	12 X 36		RT																					16		16		1							
33	12 X 36		RT																					16		16		1							
34	12 X 36		LT																					16		16		1							
35	12 X 36		LT																					16		16		1							
36	12 X 36		RT																					16		16		1							
37	12 X 36		2ND ST. , LT																					16		16		1							
38	12 X 36		2ND ST. , LT																					16		16		1							
39	12 X 36		2ND ST. , LT																					16		16		1							
40	12 X 36		2ND ST. , RT																					16		16		1							
41	12 X 36		2ND ST. , RT																					16		16		1							
42	12 X 36		2ND ST. , RT																					16		16		1							
43	12 X 36		2ND ST. , LT																					16		16		1							
44	12 X 36		2ND ST. , LT																					16		16		1							
45	12 X 36		2ND ST. , LT																					16		16		1							
46	12 X 36		2ND ST. , RT																					16		16		1							
47	12 X 36		2ND ST. , RT																					16		16		1							
48	12 X 36		2ND ST. , RT																					16		16		1							
			SUBTOTAL																							768		48							
			TOTAL																							768		48							

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR I-BEAM, PIPE AND 4" SQUARE STEEL POSTS.

**FOR PSST WITHOUT BREAKAWAY DEVICES, POST LENGTH SHALL INCLUDE AN ADDITIONAL 6" FOR INSERTION INTO ANCHOR;
FOR SURFACED MOUNTED PSST ON ISLANDS, NO ANCHOR IS USED, JUST A SURFACE MOUNT BREAKAWAY ASSEMBLY.

EFFECTIVE: 07-01-2026

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:46 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/8/2026

ROUTE: P
STATE: MO
DISTRICT: SW
SHEET NO.: 17
COUNTY: LAWRENCE
JOB NO.: J7S3494
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.	LOG MILE OR STATION	LOCATION	TYPE					SIGN DESCRIPTION, SIZES, & NUMBER OF EACH				
								W10-1	W11-2	W16-7P	OM3-L	OM3-R
								36. DIA	18 X 18	21 X 15	12 X 36	12 X 36
1-3	0.920	LT				3						
4-6	0.920	RT					3					
7-9	0.940	RT					3					
10-12	0.940	LT				3						
13	1.984	LT					1					
14	1.984	RT					1					
49	2.357	RT										
50	2.557	LT										
51	3.477	RT										
15	3.537	LT					1					
16	3.537	RT					1					
52	3.716	LT										
20-22	4.315	RT					3					
17-19	4.315	LT				3						
23-25	4.395	LT				3						
26-28	4.395	RT					3					
29	4.416	RT	1									
30	4.614	LT	1									
31	4.826	LT					1					
32	4.826	RT					1					
33	5.439	RT					1					
34	5.439	LT					1					
35	5.079	LT					1					
36	5.079	RT					1					
53	5.169	LT		1								
54	5.169	RT		1								
27	5.289	LT		1								
28	5.289	RT		1								
29	5.169	LT			1							
30	5.169	RT			1							
31	5.289	LT			1							
32	5.289	RT			1							
37-39	0.518	2ND STREET, LT				3						
40-42	0.518	2ND STREET, RT					3					
43-45	0.523	2ND STREET, LT				3						
46-48	0.523	2ND STREET, RT					3					
	NO. OF STD SIGNS		2	4	4	18	28					

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN	SIGN DETAIL SHEET NO.	NO. EACH	SIGN SIZE & TYPE & SQUARE FEET				
			SIGN SIZE	FLAT SHEET SH	FLAT SHEET FLUORESCENT SHF *	STRUCTURAL ST	STRUCTURAL FLUORESCENT STF *
			INCHES	ITEM NO. 9035004A	ITEM NO. 9035069A	ITEM NO. 9035011A	ITEM NO. 9035071A
W10-1		2	36 DIA.		18		
W11-2		4	18 X 18		9		
W16-7P		4	21 x 15		9		
OM3-L		18	12 X 36		54		
OM3-R		28	12 X 36		84		
TOTALS					174		
USE					174		

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/09/2026 1:00:44PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/8/2026

ROUTE	STATE
P	MO
DISTRICT	SHEET NO.
SW	18

COUNTY: LAWRENCE

JOB NO.: J7S3494

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)

DESIGN DESIGNATION

A.A.D.T. CONST.- 2026 = 7911
A.A.D.T. DESIGN - 2046 = 8740
DHV (N/S) = 49.6% / 50.4%
T = 7.64%
V = 25/35/45 M.P.H.

FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

NO NEW R/W REQUIRED

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	

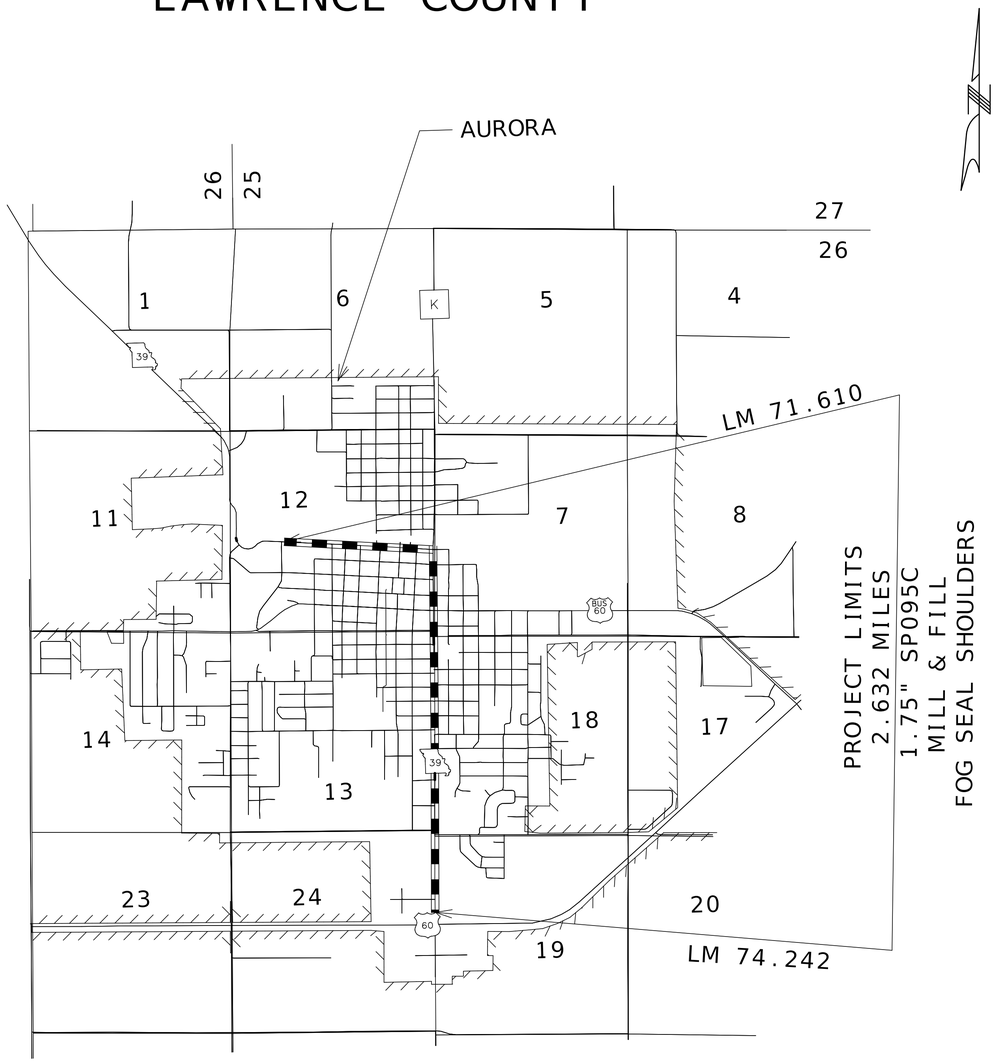
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY LAWRENCE COUNTY



KEY MAP
LOCATION OF LAWRENCE 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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TYPICAL SECTIONS (TS) (7 SHEETS)	2
QUANTITIES (QU) (3 SHEETS)	3
SPECIAL SHEETS (SS)	4-6
TRAFFIC CONTROL SHEETS (TC)	7-17

LENGTH OF PROJECT

LOG MILES FROM 2024 ARAN

BEGINNING OF PROJECT	LM. 71.610	
END OF PROJECT	LM. 74.242	
APPARENT LENGTH	13896.96	FEET
EQUATIONS AND EXCEPTIONS:	NONE	
TOTAL CORRECTIONS	0.00	FEET
NET LENGTH OF PROJECT	13896.96	FEET
STATE LENGTH	2.632	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.00	ACRES

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/22/2026 11:08:57 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/18/2026
ROUTE: 39 | STATE: MO
DISTRICT: SW | SHEET NO.: 1
COUNTY: LAWRENCE
JOB NO.: JSR0019
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)

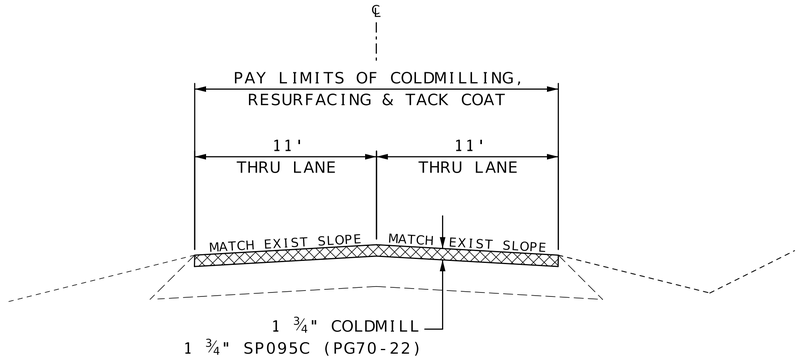
NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	
	COMBINED FACTOR
SP095C (PG70-22)	1.980 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
BITUMINOUS FOG SEAL	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE 39

LOG MILE 71.610 TO LOG MILE 71.879

TYPICAL SECTIONS
SHEET 1 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:07:38 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
LAWRENCE

JOB NO.
JSR0019

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)

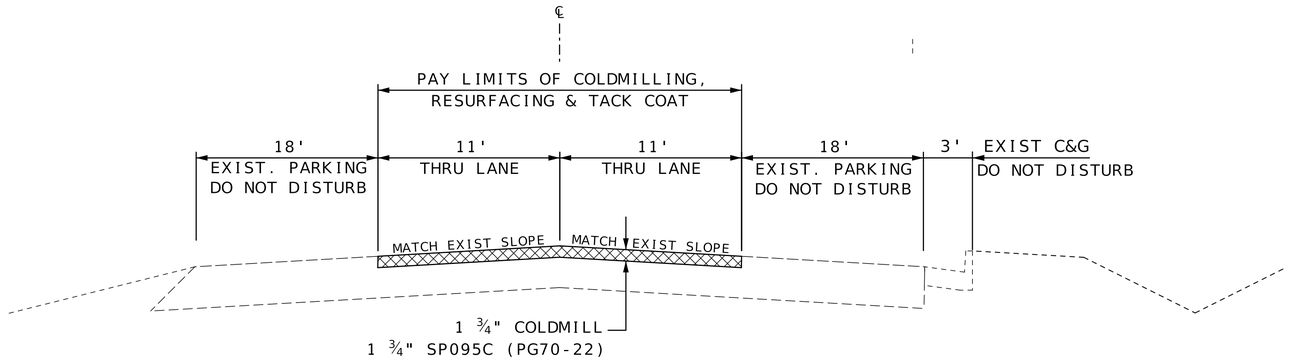
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SURFACE PLACEMENT - ONE PASS PER LANE

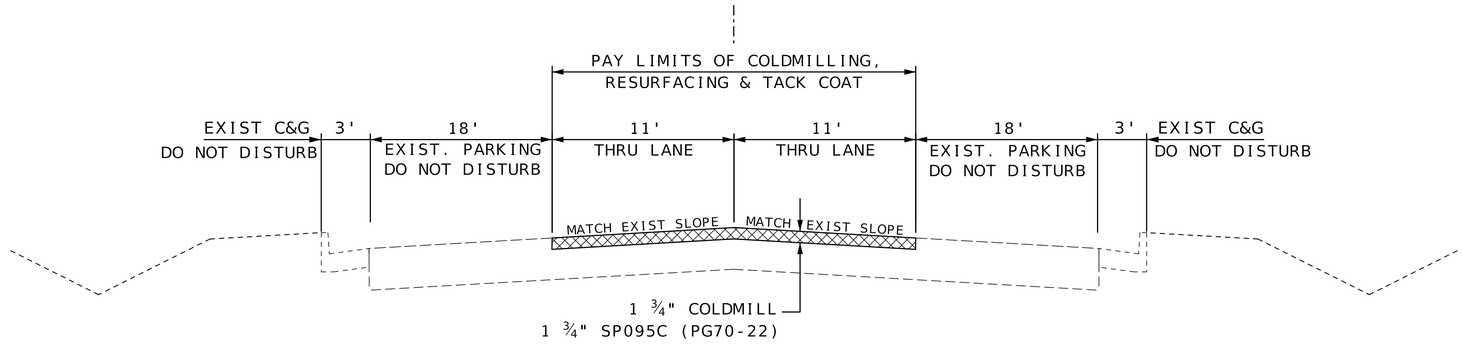
NO S.E. CORRECTION

ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG70-22)	1.980 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
BITUMINOUS FOG SEAL	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE 39

LOG MILE 71.879 TO LOG MILE 72.017



ROUTE 39

LOG MILE 72.017 TO LOG MILE 72.389

TYPICAL SECTIONS
SHEET 2 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:07:38 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026
ROUTE: 39 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: LAWRENCE
JOB NO.: JSR0019
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)

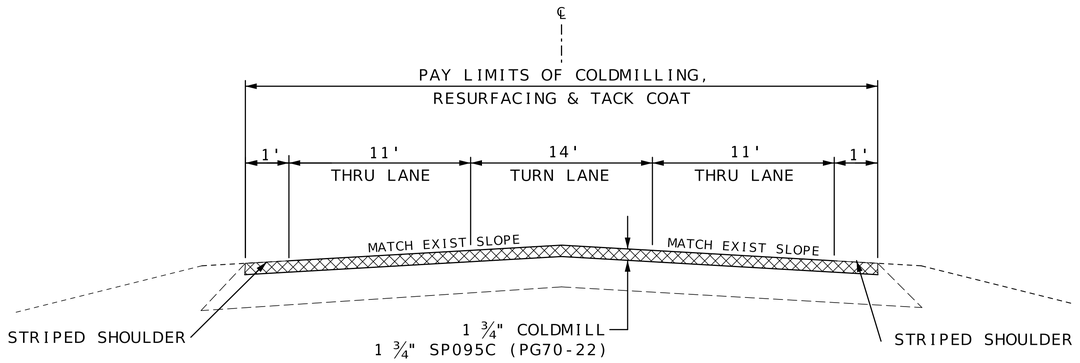
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ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG70-22)	1.980 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
BITUMINOUS FOG SEAL	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE 39

LOG MILE 72.389 TO LOG MILE 72.443

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:07:38 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026
ROUTE: 39 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: LAWRENCE
JOB NO.: JSR0019
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)

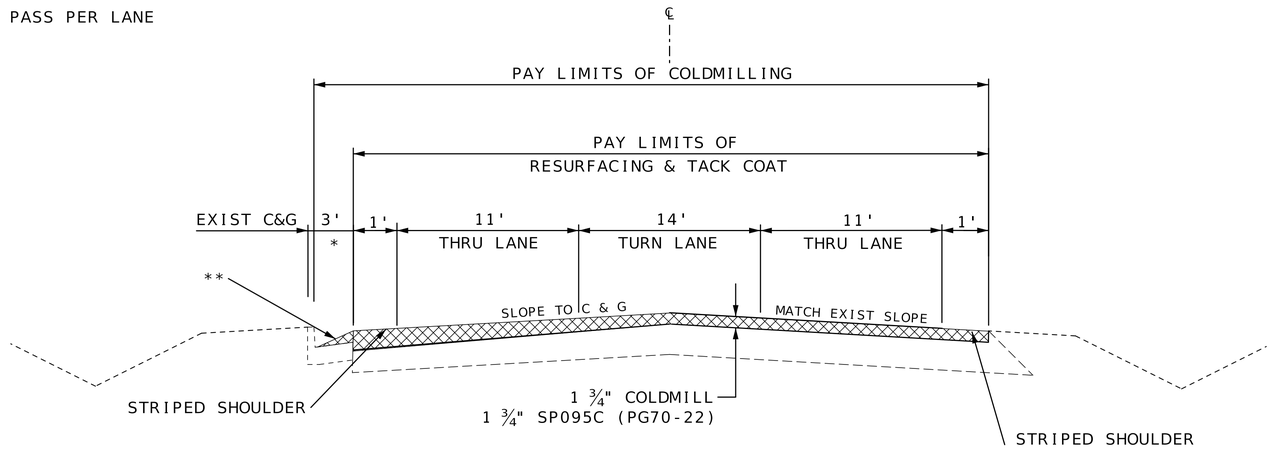
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NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG70-22)	1.980 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
BITUMINOUS FOG SEAL	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	

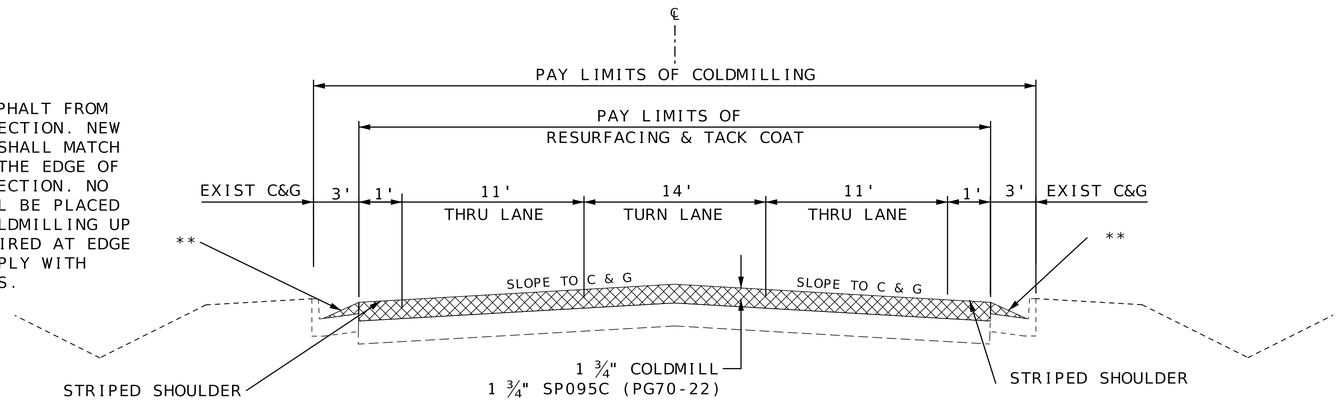


* NOTES: GUTTER IS NOT PAVED
LM 72.433-72.466

ROUTE 39

LOG MILE 72.443 TO LOG MILE 72.553

** NOTES: MILL EXISTING ASPHALT FROM CONCRETE GUTTER SECTION. NEW PAVEMENT SURFACE SHALL MATCH THE ELEVATION OF THE EDGE OF CURB AND GUTTER SECTION. NO NEW PAVEMENT SHALL BE PLACED IN THE GUTTER, COLDMILLING UP TO 3" MAY BE REQUIRED AT EDGE OF ROADWAY TO COMPLY WITH THESE REQURIEMENTS.



ROUTE 39

LOG MILE 72.553 TO LOG MILE 72.665
LOG MILE 72.697 TO LOG MILE 73.228

TYPICAL SECTIONS
SHEET 4 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/24/2026 11:45:42 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/22/2026
ROUTE: 39 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: LAWRENCE
JOB NO.: JSR0019
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)

NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

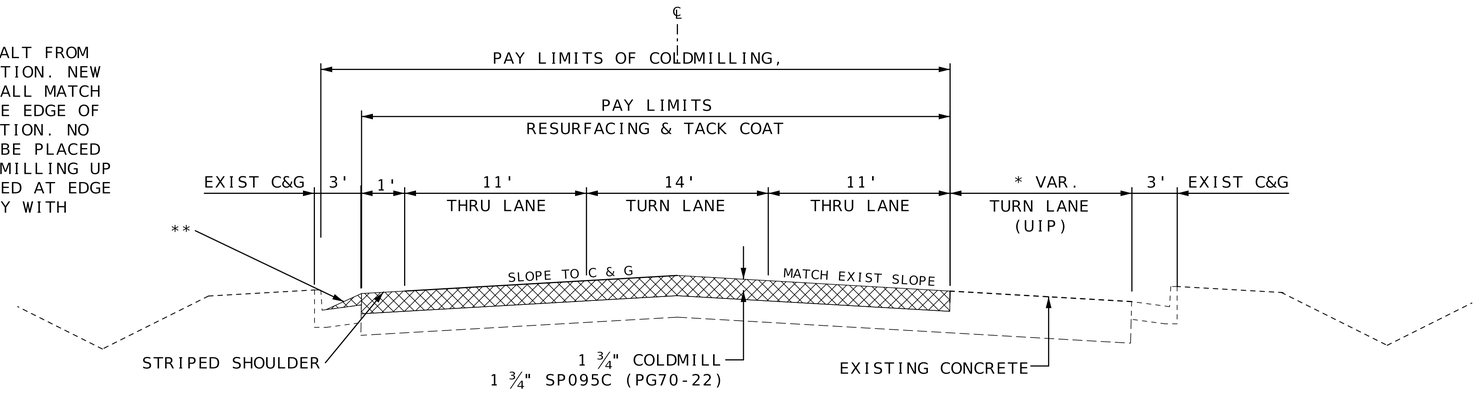
NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	
	COMBINED FACTOR
SP095C (PG70-22)	1.980 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
BITUMINOUS FOG SEAL	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	

** NOTES: MILL EXISTING ASPHALT FROM CONCRETE GUTTER SECTION. NEW PAVEMENT SURFACE SHALL MATCH THE ELEVATION OF THE EDGE OF CURB AND GUTTER SECTION. NO NEW PAVEMENT SHALL BE PLACED IN THE GUTTER, COLDMILLING UP TO 3" MAY BE REQUIRED AT EDGE OF ROADWAY TO COMPLY WITH THESE REQURIEMENTS.



ROUTE 39

LOG MILE 72.665 TO LOG MILE 72.697

*NOTE
TURN LANE 0'-12'

TYPICAL SECTIONS
SHEET 5 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/24/2026 11:45:58 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/22/2026
ROUTE: 39 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: LAWRENCE
JOB NO.: JSR0019
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)

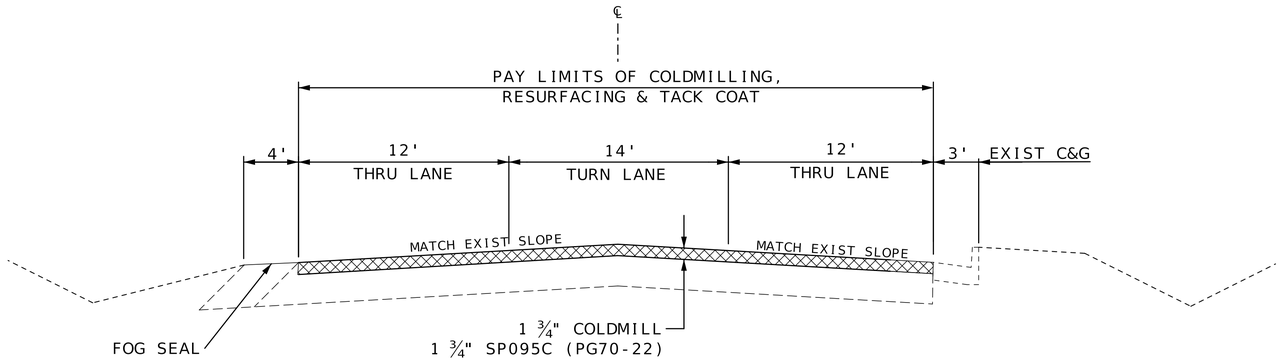
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SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG70-22)	1.980 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
BITUMINOUS FOG SEAL	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE 39

LOG MILE 73.228 TO LOG MILE 73.268

TYPICAL SECTIONS
SHEET 6 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/22/2026 11:09:04 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/9/2026
ROUTE: 39 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: LAWRENCE
JOB NO.: JSR0019
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)

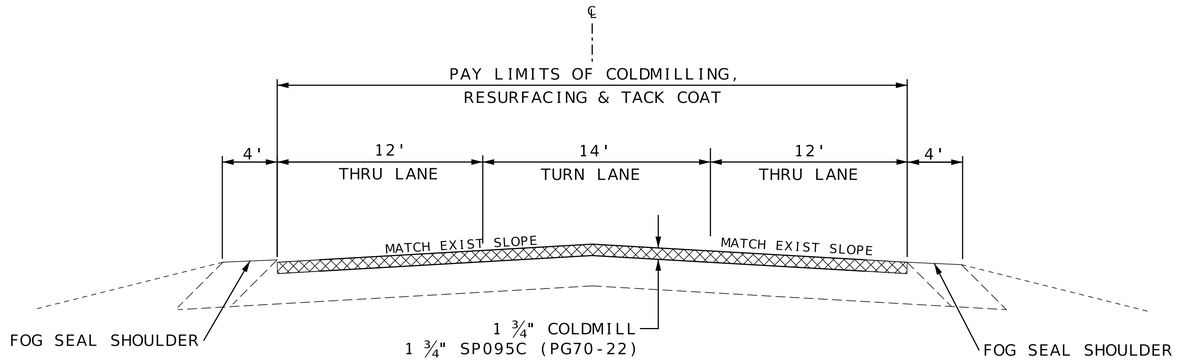
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NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG70-22)	1.980 TONS/CY
TACK COAT	
MILLING	0.10 GAL/SY
BITUMINOUS FOG SEAL	
FOG SEAL	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	



ROUTE 39

LOG MILE 73.268 TO LOG MILE 74.242

TYPICAL SECTIONS
SHEET 7 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:07:39 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026
ROUTE: 39 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: LAWRENCE
JOB NO.: JSR0019
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)

ASPHALT & TACK

LT/RT OFFSET	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	SP095C (PG 70-22) 1.75" 1.980 TONS/CY	MILLED AREA?	NON- TRACKING TACK 0.10	REMARKS
			LF	LF	SF	TONS	(Y/N)	GAL	
MO 39	71.610	72.379	4060.3	22.0		955.3	Y	992.5	MAINLINE
MO 39	72.379	72.407			5311.0	56.8	Y	59.0	CORNER INTERSECTION NEAR RR
MO 39	72.407	72.443	190.1	38.0		77.3	Y	80.3	MAINLINE
MO 39	72.443	72.553	580.8	38.0		236.0	Y	245.2	MAINLINE
MO 39	72.553	72.665	591.4	38.0		240.3	Y	249.7	MAINLINE
MO 39	72.665	72.697	169.0	37.0		66.9	Y	69.5	MAINLINE
MO 39	72.697	73.228	2803.7	38.0		1139.4	Y	1183.8	MAINLINE
MO 39	73.228	73.268	211.2	38.0		85.8	Y	89.2	MAINLINE FOGSEAL LT SIDE ONLY
MO 39	73.268	74.242	5142.7	38.0		2089.9	Y	2171.4	MAINLINE FOGSEAL LT & RT SIDES
LT/RT	71.610	74.242	-	-	-	197.4	N	-	IRREGULARITIES 75 TONS/MILE
					TOTAL	5145.1	-	5140.6	ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT
					USE	5145.1	-	5141	TO ANY UNIT BID COST WILL BE MADE

FOG SEAL & COLDMILLING

LT/RT OFFSET	BEGIN LOG MILE	END LOG MILE	NET LENGTH	AVG. WIDTH	MEASURED AREA	FOG SEAL SHLDR?	FOG SEAL 4.0' 0.20 GAL/SY	FOG SEAL 8.0' 0.20 GAL/SY	FULL DEPTH COLDMILL 3" OR LESS	REMARKS
			LF	LF	SF	(Y/N)	GAL	GAL	SY	
MO 39	71.610	72.379	4060.3	22.0		N			9925.2	MAINLINE
MO 39	72.379	72.407			5311.0	N			590.1	CORNER INTERSECTION NEAR RR
MO 39	72.407	72.443	190.1	38.0		N			802.6	MAINLINE
MO 39	72.443	72.553	580.8	41.0		N			2645.9	MAINLINE
MO 39	72.553	72.665	591.4	44.0		N			2891.3	MAINLINE
MO 39	72.665	72.697	169.0	40.0		N			751.1	MAINLINE
MO 39	72.697	73.228	2803.7	44.0		N			13707.0	MAINLINE
MO 39	73.228	73.268	211.2	38.0		Y	18.8		891.7	MAINLINE FOGSEAL LT SIDE ONLY
MO 39	73.268	74.242	5142.7	38.0		Y		914.3	21713.6	MAINLINE FOGSEAL LT & RT SIDES
					TOTAL	-	18.8	914.3	53918.5	
					USE	-	933		53919	

REMOVAL OF IMPROVEMENTS

BEGIN LOG MILE	RT/LT OFFSET	UNIT	TOTAL	DESCRIPTION	REMARKS
72.445	LT	EACH	1	INLET GRATE AND TOP	
72.698	LT	EACH	1	DAMAGED PARALLEL BAR GRATE	
72.708	LT	EACH	1	INLET GRATE AND TOP	
72.725	LT	EACH	1	INLET GRATE AND TOP	
72.747	LT	EACH	1	INLET GRATE AND TOP	
72.768	LT	EACH	1	INLET GRATE AND TOP	
72.902	LT	EACH	1	INLET GRATE AND TOP	
72.960	LT & RT	EACH	2	INLET GRATE AND TOP	
72.974	LT & RT	EACH	2	INLET GRATE AND TOP	
72.986	LT & RT	EACH	2	INLET GRATE AND TOP	
73.000	LT	EACH	1	INLET GRATE AND TOP	
73.080	LT	EACH	1	INLET GRATE AND TOP	
73.140	LT	EACH	1	INLET GRATE AND TOP	
73.247	LT	EACH	1	INLET GRATE AND TOP	
73.270	LT	EACH	1	INLET GRATE AND TOP	
TOTAL = 1 LUMP SUM					

ADJUST MANHOLE

LT/RT LOCATION	LOG MILE	ADJUST MANHOLE EA	REMARKS
MO 39 LT	73.053	1	
MO 39 LT	73.152	1	
	TOTAL	2	
	USE	2	

DROP INLET

LT/RT LOCATION	LOG MILE	2'X2' CURVED VANE GRATE & FRAME	2'X4' CURVED VANE GRATE & FRAME	3'x5' GRATE & BEARING PLATE	ADJUST BASIN OR INLET	REMARKS
		EA	EA	EA	EA	
MO 39 LT	72.445		1		1	
MO 39 LT	72.698			1		
MO 39 LT	72.708		1		1	
MO 39 LT	72.725	1			1	
MO 39 LT	72.747	1			1	
MO 39 LT	72.768		1		1	
MO 39 LT	72.902		1		1	
MO 39 LT & RT	72.960	1	1		2	
MO 39 LT & RT	72.974	2			2	
MO 39 LT & RT	72.986	1	1		2	
MO 39 LT	73.000		1		1	
MO 39 LT	73.080		1		1	
MO 39 LT	73.140		1		1	
MO 39 LT	73.247		1		1	
MO 39 LT	73.270	1			1	
	TOTAL	7	10	1	17	
	USE	7	10	1	17	

CABLE LOOP DETECTOR, IN DUCT

LOG MILE	1C # 14 IN-DUCT CABLE (FT)	REMARKS
72.68	464.0	SB MO 39 @ BU 60 LT TURN LANE
72.692	324.0	SB MO 39 @ BU 60 THRU LANE
6.017	380.0	EB BU 60 @ MO 39 LT TURN LANE
6.024	329.0	EB BU 60 @ MO 39 THRU LANE
72.710	380.0	NB MO 39 @ BU 60 THRU LANE
72.723	504.0	NB MO 39 @ BU 60 LT TURN LANE
6.014	329.0	WB BU 60 @ MO 39 THRU LANE
6.051	380.0	WB BU 60 @ MO 39 LT TURN LANE
73.288	382.0	SB MO 39 @ E HADLEY ST THRU LANE
73.288	358.0	SB MO 39 @ E HADLEY ST LT TURN LANE
73.333	366.0	NB MO 39 @ E HADLEY ST THRU LANE
73.333	342.0	NB MO 39 @ E HADLEY ST LT TURN LANE
73.791	356.0	SB MO 39 @ E PROSPECT ST THRU LANE
73.791	394.0	SB MO 39 @ E PROSPECT ST LT TURN LANE
73.826	368.0	NB MO 39 @ E PROSPECT ST THRU LANE
73.826	400.0	NB MO 39 @ E PROSPECT ST LT TURN LANE
		UNDERRUN CABLE, LOOP DETECTORS, IN DUCT IF NOT DAMAGED BY CONTRACTOR OPERATIONS. SEE COOPERATION BETWEEN CONTRACTOR JSP FOR LOOP DETECTORS AT HADLEY STREET
TOTAL	6056.0	
USE	6060	

SUMMARY OF QUANTITIES
SHEET 1 OF 3

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/24/2026 1:49:55 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/24/2026
ROUTE: 39 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: LAWRENCE
JOB NO.: JSR0019
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

BEGIN LOG MILE	END LOG MILE	CLASS LT/RT LOCATION	2 PAINT TYPE P BEADS 6" SOLID WHITE	2 PAINT TYPE P BEADS 4" INT YELLOW	2 PAINT TYPE P BEADS 4" SOLID YELLOW	THERMOPLASTIC 24" LONGITUDINAL BAR CROSSWALK	THERMOPLASTIC 24" WHITE	THERMOPLASTIC LT TURN ARROW	PAVEMENT MARKING REMOVAL (SYMBOLS)	REMARKS
			LF	LF	LF	LF	LF	EACH	EACH	
71.610	71.713	MO 39	1087.7		1087.7					
71.713	71.879	MO 39	1753.0	219.1	876.5					
71.879	71.915	MO 39		47.5	190.1					
71.915	72.188	MO 39		360.4						
72.188	72.221	MO 39			348.5					
72.221		MO 39				54	12.0		4	STOP BAR / CROSSWALK
72.237	72.384	MO 39			1552.3					
72.238		MO 39				54	12.0		4	STOP BAR / CROSSWALK
72.384		MO 39					12.0			STOP BAR
72.401		MO 39					12.0			STOP BAR
72.405		MO 39					12.0			STOP BAR
72.400	72.405	MO 39	79.2							
72.405	72.420	MO 39	79.2		158.4					
72.418		MO 39						1		LEFT TURN LANE
72.420	72.431	MO 39			116.2					
72.431	72.651	MO 39	2323.2	580.8	2323.2					
72.460		MO 39				30				CROSSWALK
72.512		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
72.538		MO 39				36				CROSSWALK
72.610		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
72.616		MO 39				36				CROSSWALK
72.631		MO 39				36				CROSSWALK
72.651	72.692	MO 39	649.4	108.2	216.5			1		LEFT TURN LANE
72.679		MO 39					12.0			STOP BAR
72.691		MO 39				42.0	12.0			STOP BAR / CROSS WALK
72.680		MO 39	60.0			18.0			3	NW ISLAND/ CROSS WALK
72.709	72.722	MO 39	205.9			42.0	12.0			STOP BAR / CROSS WALK
72.722	72.753	MO 39	437.4		327.4		12.0			STOP BAR
72.735		MO 39						1		LEFT TURN LANE
72.753	73.262	MO 39	5375.0	1343.8	5375.0					
72.800		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
72.895		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
72.988		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
73.080		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
73.180		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
73.262	73.288	MO 39	349.6		274.6					
73.275		MO 39						1		LEFT TURN LANE
73.288		MO 39				48.0	24.0			STOP BARS / CROSS WALK
73.288	73.326	MO 39	265.0							
73.326		MO 39					24.0			STOP BARS
73.326	73.353	MO 39	375.1		285.1					
73.338		MO 39						1		LEFT TURN LANE
73.353	73.761	MO 39	4308.5	1077.2	4308.5					
73.370		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
73.467		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
73.560		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
73.656		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
73.750		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
73.761	73.790	MO 39	406.2		291.2					
73.773		MO 39						1		LEFT TURN LANE
73.787		MO 39					24.0			STOP BARS
73.790	73.825	MO 39	221.0							
73.825	73.863	MO 39	531.3		381.3					
73.826		MO 39					24.0			STOP BARS
73.841		MO 39						1		LEFT TURN LANES
73.863	74.242	MO 39	4002.2	1000.6	2001.1					
73.931		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
74.026		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
74.121		MO 39						2		CENTER TURN LANE (LEFT TURN ARROWS)
74.221		MO 39						1		LEFT TURN LANE
		TOTAL	22508.9	4737.6	20113.6	396.0	204.0	38	11	
		USE	22509	24851		600		38	11	

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

MOBILIZATION
1 LUMP SUM

EROSION CONTROL		
LOG MILE	SEDIMENT REMOVAL CY	REMARKS
72.698	1	CLEAN OUT GRATE
	1.0	

SUMMARY OF QUANTITIES
SHEET 2 OF 3

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/24/2026 11:57:58 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/22/2026
ROUTE: 39 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: LAWRENCE
JOB NO.: JSR0019
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						MERGE (LEFT)
WO4-1aR	48X48	16.00	2	32.00				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	4	64.00				UNEVEN LANES
WO8-12	48X48	16.00	4	64.00				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	35	560.00				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	6	96.00				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	2	32.00				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	6	96.00				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
WO24-1L	48X48	16.00	1	16.00				DOUBLE REVERSE CURVE (LEFT)
GO22-1	21X15	2.19	2	4.38				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	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	1	4.50				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	2	17.50				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	33	49.50				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	8	48.00				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@25, 2@35, 2 @45
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	4	25.00				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	2	24.00				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						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
	1385

616-10.10 RELOCATED SIGNS	TOTAL

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 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	200	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030	2	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 WITHOUT 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		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

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/24/2026 11:54:32 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/22/2026

ROUTE	STATE
39	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
LAWRENCE

JOB NO.
JSR0019

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)

SUMMARY OF QUANTITIES
SHEET 3 OF 3

GENERAL NOTES:
(1) 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
(2) ALL LOG MILES AND/OR LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE CAN VARY AS APPROVED BY THE ENGINEER

START OF PROJECT
LM 71.610



LEGEND

1.75" SP095C M/F

NOT TO SCALE

BEGINNING OF PROJECT

SPECIAL SHEET
SHEET 1 OF 3

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/22/2026 11:09:32 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/9/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
LAWRENCE

JOB NO.
JSR0019

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)



LEGEND

1.75" SP095C M/F

NOT TO SCALE

CORNER NEAR RR CROSSING

SPECIAL SHEET
SHEET 2 OF 3

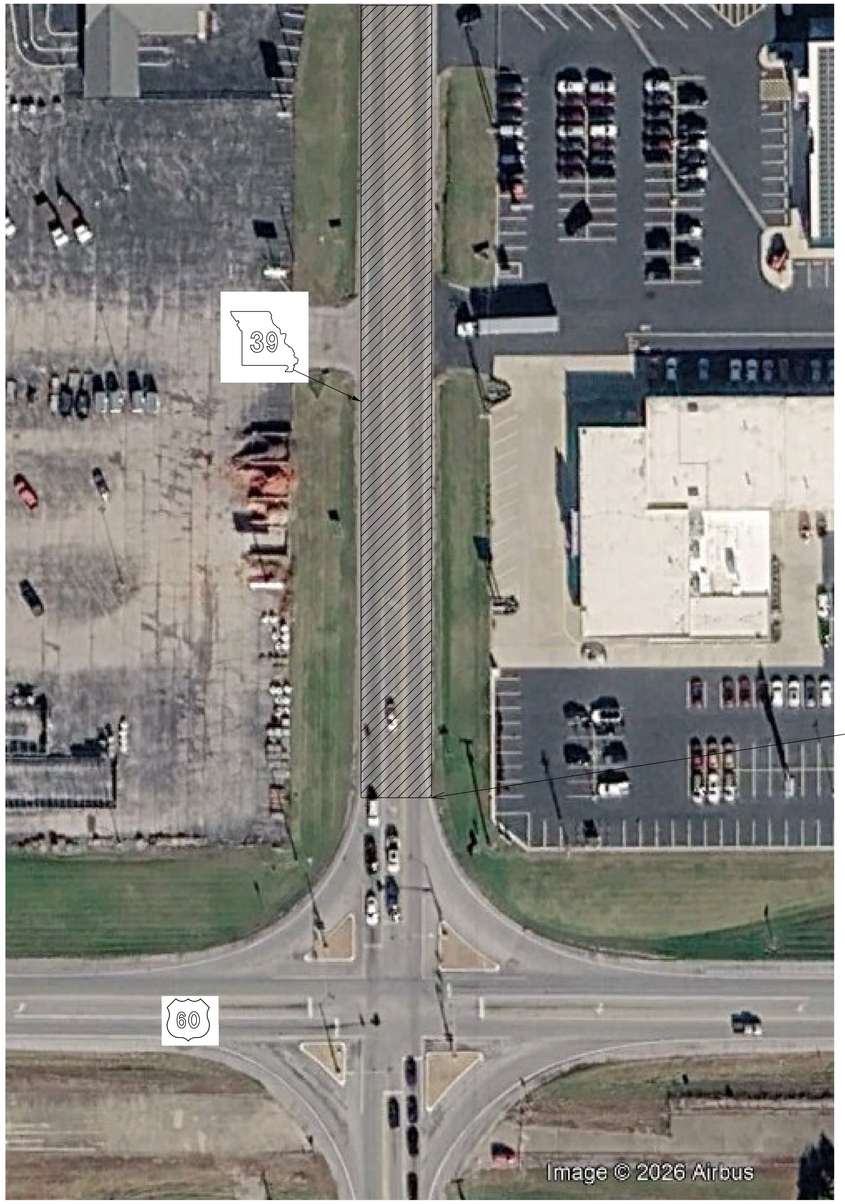
STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/22/2026 11:09:38 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED	
9/10/2026	
ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	5

COUNTY: LAWRENCE
JOB NO.: JSR0019
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)



LEGEND

1.75" SP095C M/F

NOT TO SCALE

END OF PROJECT

SPECIAL SHEET
SHEET 3 OF 3

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:07:39 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
LAWRENCE

JOB NO.
JSR0019

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

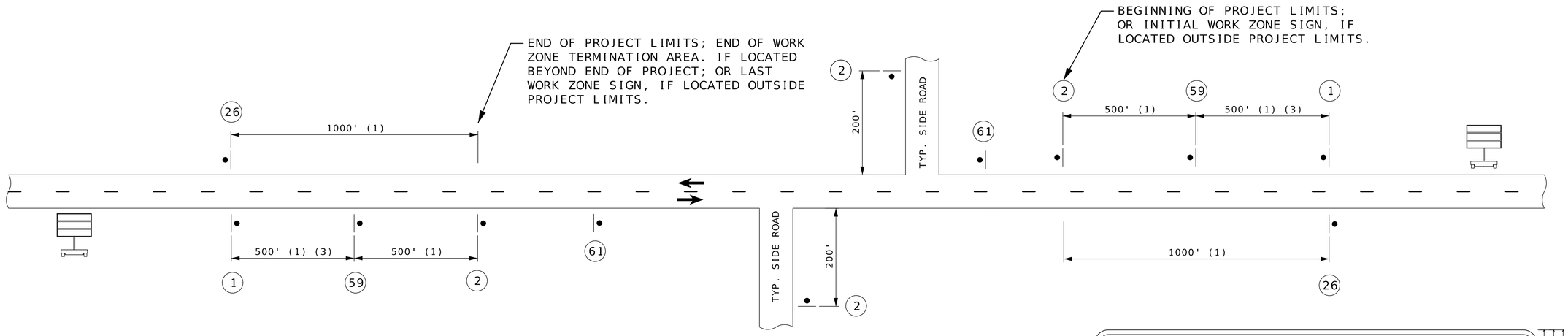
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GENERAL NOTES:

REVISED: 2/19/2026

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. 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.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS 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.
10. 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.
11. 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.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

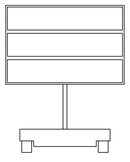
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.

(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

(5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED

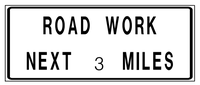


(4)



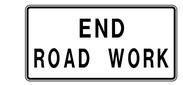
CONST-8

59 (3)



GO20-1

1 (5)



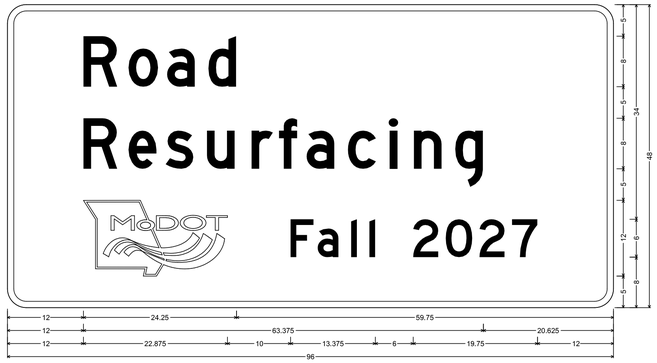
GO20-2

26 (5)



WO20-1

2



CONST-5 SH-FLAT SHEET,
3.000" Radius, 1.000" Border, White on, Green;
"Road", D; "Resurfacing", D; "Fall 2027", D;
Table of letter and object lefts

R 12.000	o 19.125	a 25.250	d 31.875									
R 12.000	e 19.125	s 25.000	u 31.625	r 38.625	f 43.000	a 47.375	c 53.875	l 60.500	n 64.375	g 70.875		
12.000	f 44.875	a 49.125	l 54.500	57.375	2 64.250	0 69.375	2 74.750	7 79.875				

CONST-5-96

61 (2)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/22/2026 11:09:28 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/21/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
LAWRENCE

JOB NO.
JSR0019

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: 2/19/2026



WO20-1

(2)



WO20-4

(7)



WO20-7a

(8)

GO20-5aP





R2-1

(54)

(4)

(25/35)

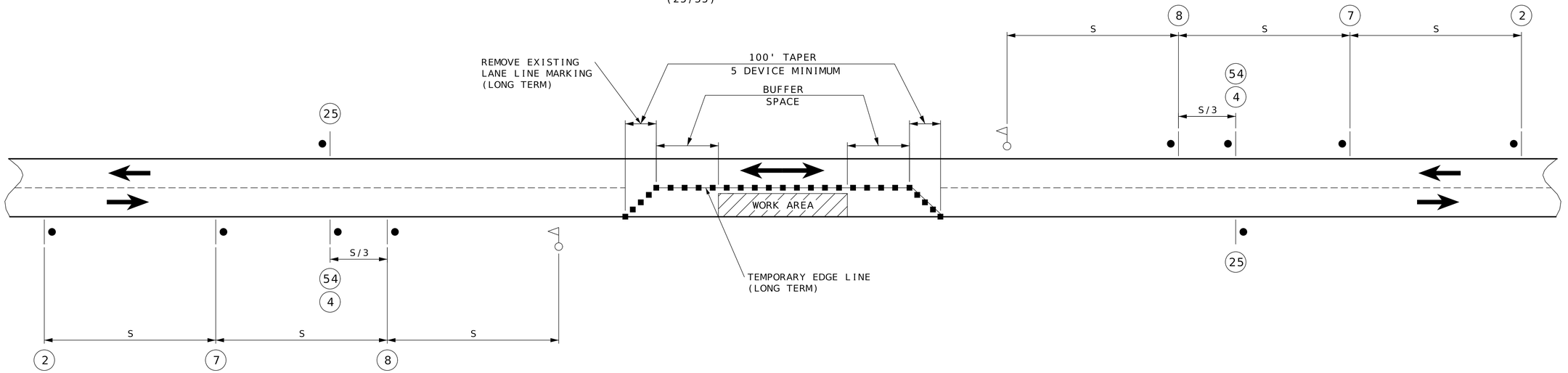


R2-1

(25)

(NORMAL SPEED)

(25/35/45)



NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL.
THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE. NO DIRECT PAY.

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)	OPTIONAL
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	BUFFER/ WORK AREAS	BUFFER LENGTH (FT)
0-35	200	40	250
40-45	350	80	360
50-55	500	80	495
60-70	1000	120	730

SPACING NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

• SIGN (SINGLE SIDED)

FLAGGER

■ CHANNELIZER

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/22/2026 11:09:32 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/9/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
LAWRENCE

JOB NO.
JSR0019

CONTRACT ID.

PROJECT NO.

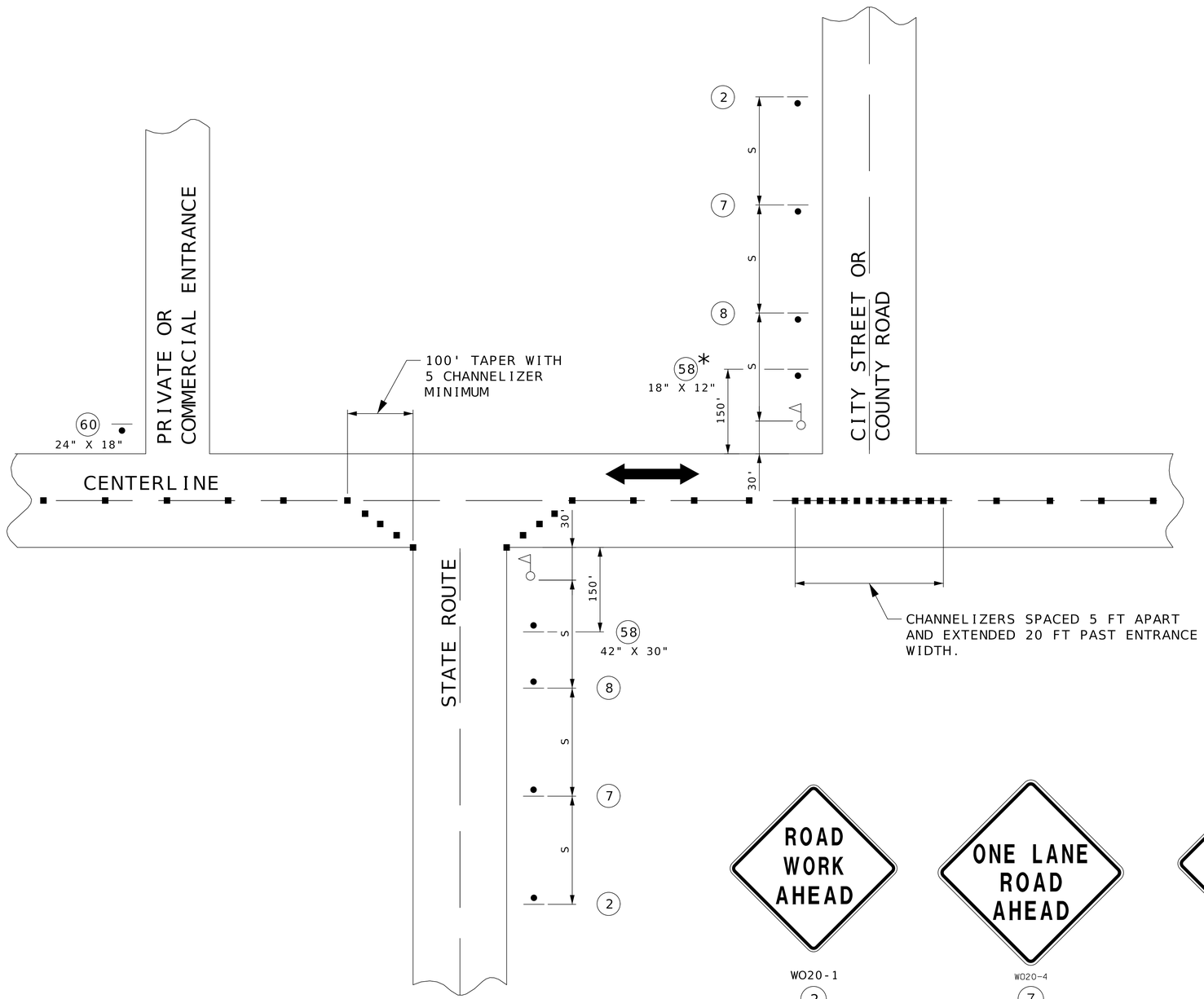
BRIDGE NO.

DESCRIPTION | DATE

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

REVISED: 2/19/2026

SIDE ROADS ENTERING WORK ZONES



SPEED	SIGN SPACING (FT.)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER WORK AREA
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).



GO20-4a
58

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).



24" X 18"
60

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

WO20-1
2

WO20-4
7



WO20-7a
8

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:07:38 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
LAWRENCE

JOB NO.
JSR0019

CONTRACT ID.

PROJECT NO.

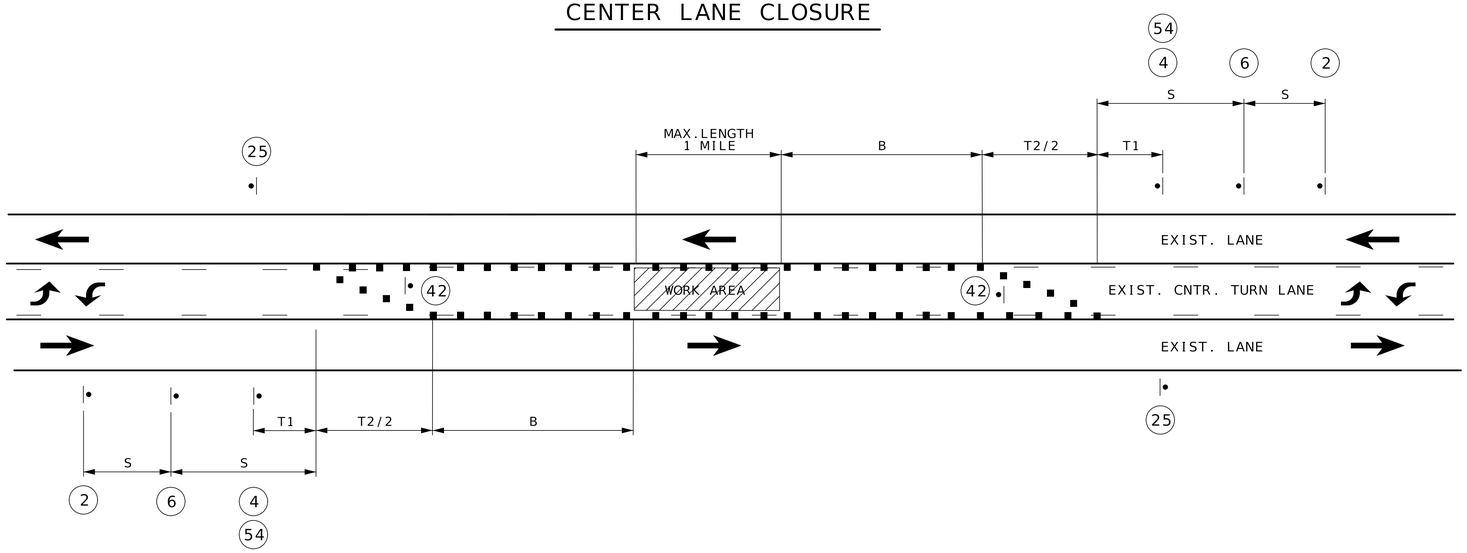
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CENTER LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE ZONE" AND "POINT OF PRESENCE" 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. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



WO20-1

(2)



WO20-6a

(6)



R4-7a

(42)

GO20-5aP



R2-1

(54)

(4)

(25)



R2-1

(25)

(NORMAL SPEED)

(25/35)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

09/22/2026 11:09:42 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/9/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
LAWRENCE

JOB NO.
JSR0019

CONTRACT ID.

PROJECT NO.

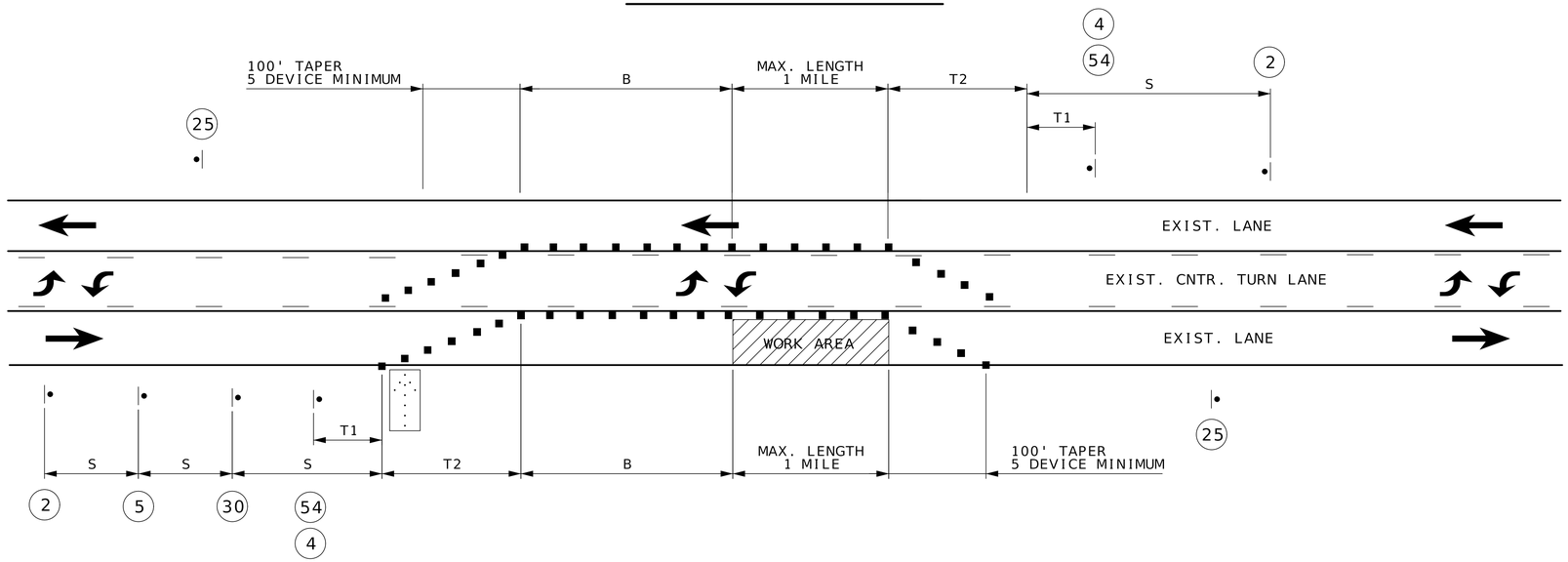
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

OUTSIDE LANE CLOSURE



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	350	450	495	540	360	40	80
50-55	500	550	605	660	495	50	80
60-70	1000	700	770	840	730	60	120

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

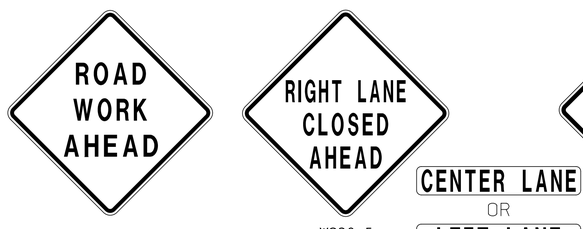
FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE ZONE" AND "POINT OF PRESENCE" 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. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



WO20-1

(2)

WO20-5

(5)





WO24-1L

(30)

GO20-5aP



R2-1

(54)

(4)

(25)



R2-1

(25)

(NORMAL SPEED)

(25/35)



FLASHING ARROW PANEL

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 11



09/22/2026 11:09:30 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/9/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
LAWRENCE

JOB NO.
JSR0019

CONTRACT ID.

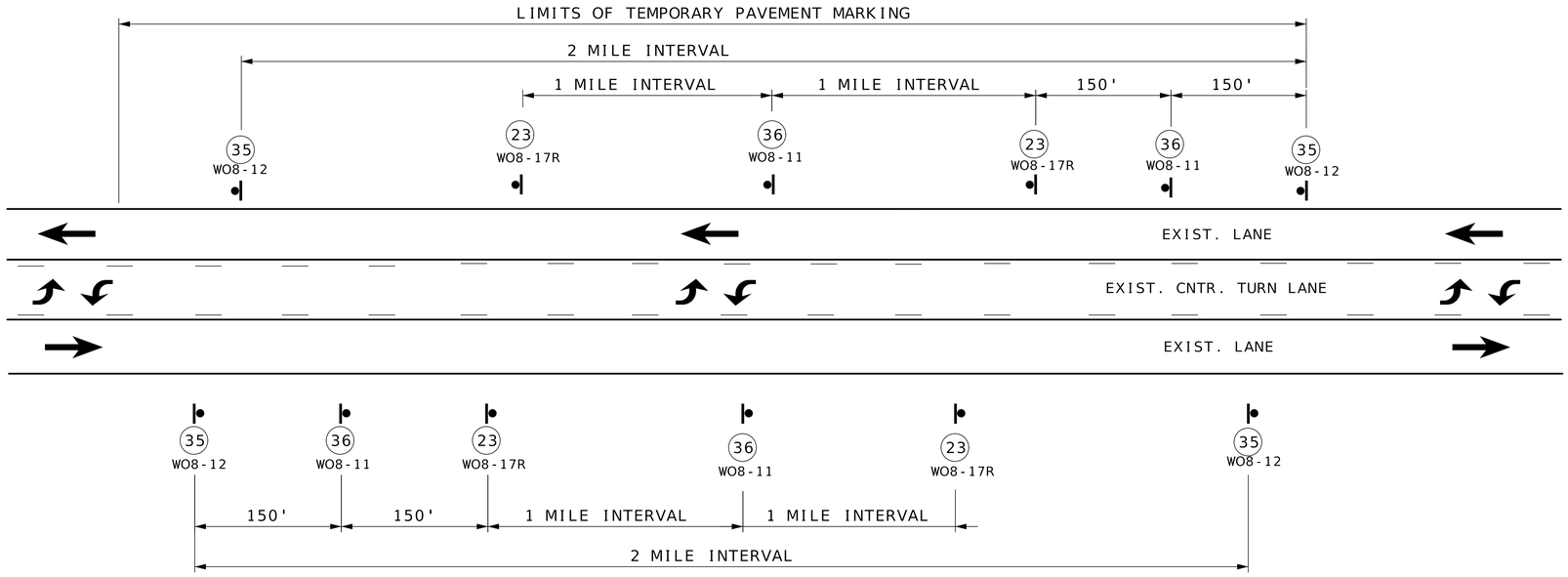
PROJECT NO.

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 SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.

GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35) , THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.



WO8-17R
WO8-17p
(23)



WO8-1
(50) *



WO8-11
(36)



WO8-12
(35)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 11



08/10/2026 10:07:38 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
LAWRENCE

JOB NO.
JSR0019

CONTRACT ID.

PROJECT NO.

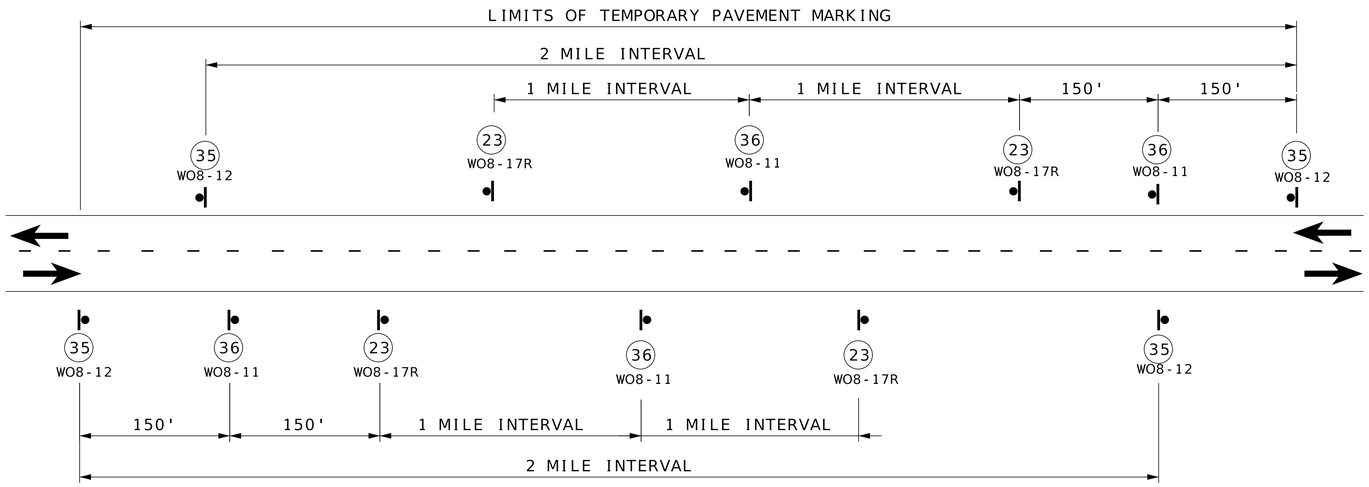
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

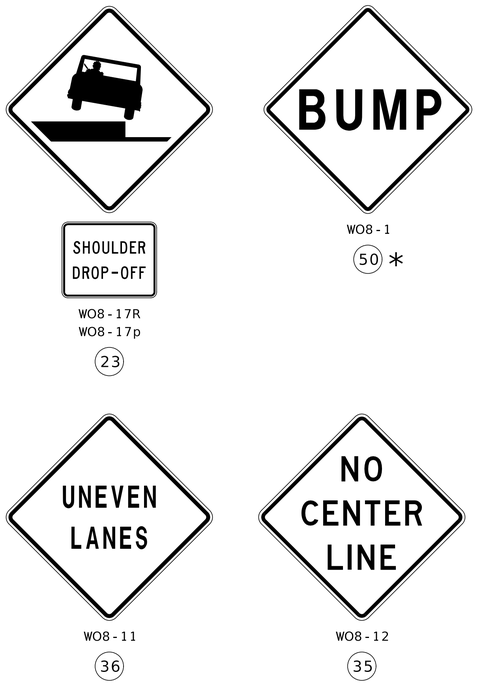
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

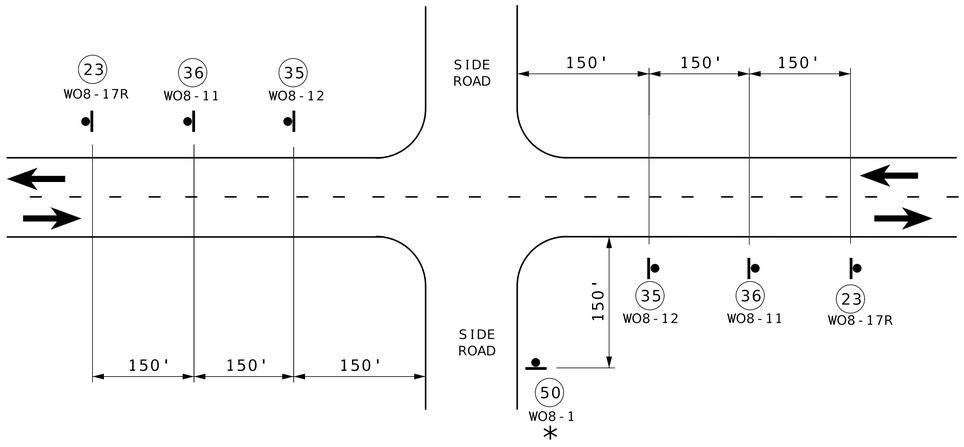
REVISED: 2/19/2026



SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.





SIGN SPACING AT STATE ROUTE INTERSECTIONS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35) , THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

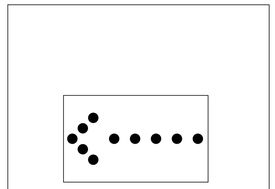
TRAFFIC CONTROL
SHEET 7 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:07:38 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/10/2026
ROUTE: 39 | STATE: MO
DISTRICT: SW | SHEET NO.: 13
COUNTY: LAWRENCE
JOB NO.: JSR0019
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

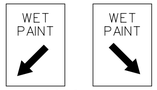
DESCRIPTION	DATE

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

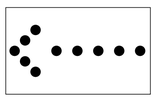




W020-6a

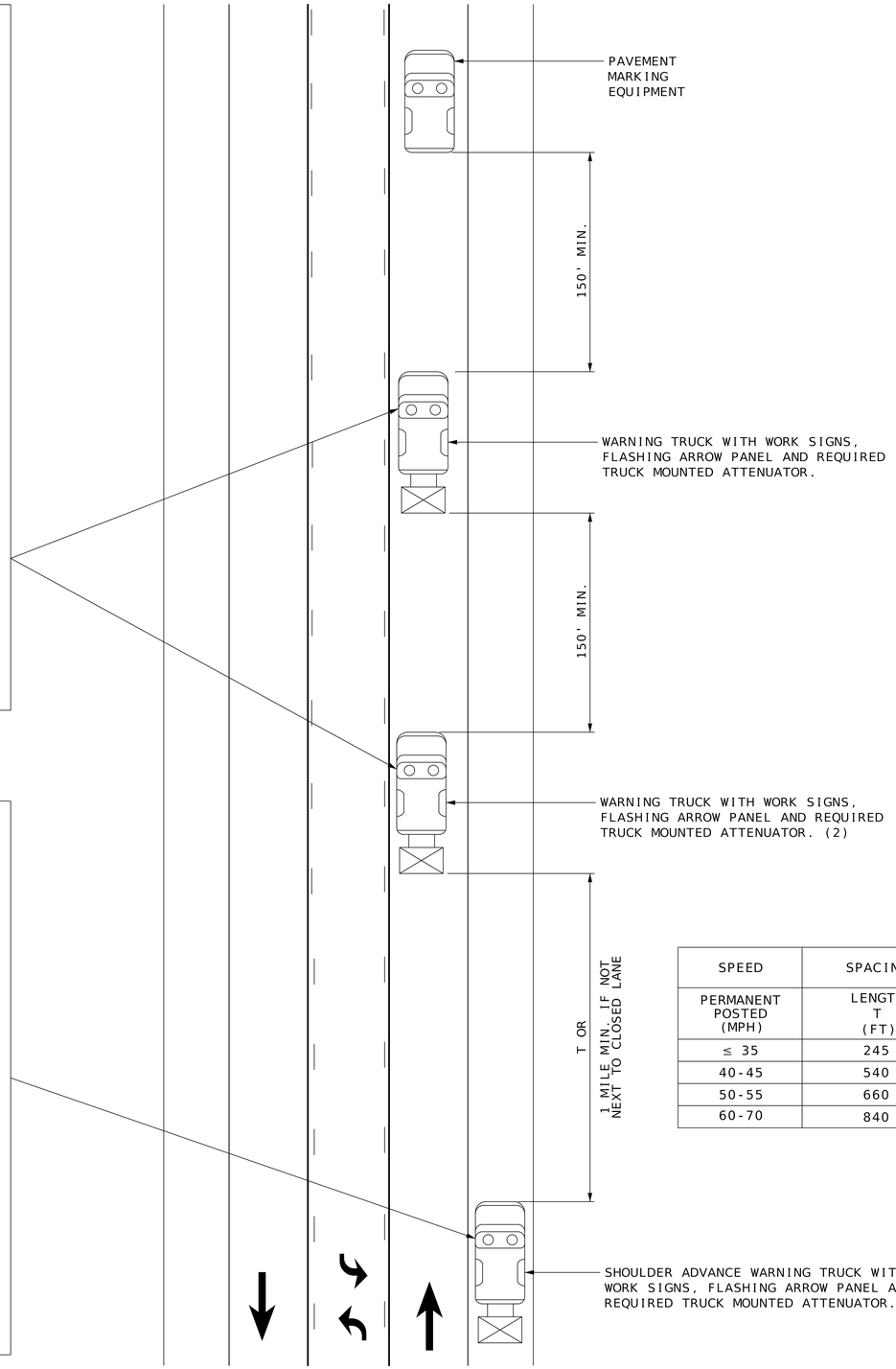


G022-1 (1)





W020-5



SPEED	SPACING
PERMANENT POSTED (MPH)	LENGTH T (FT)
≤ 35	245
40-45	540
50-55	660
60-70	840

STRIPING ON TWO LANE WITH
TWO WAY LEFT TURN LANE

NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCKS 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.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

(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) WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR SPACING SHOWN, WHICH EVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 8 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:07:28 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
LAWRENCE

JOB NO.
JSR0019

CONTRACT ID.

PROJECT NO.

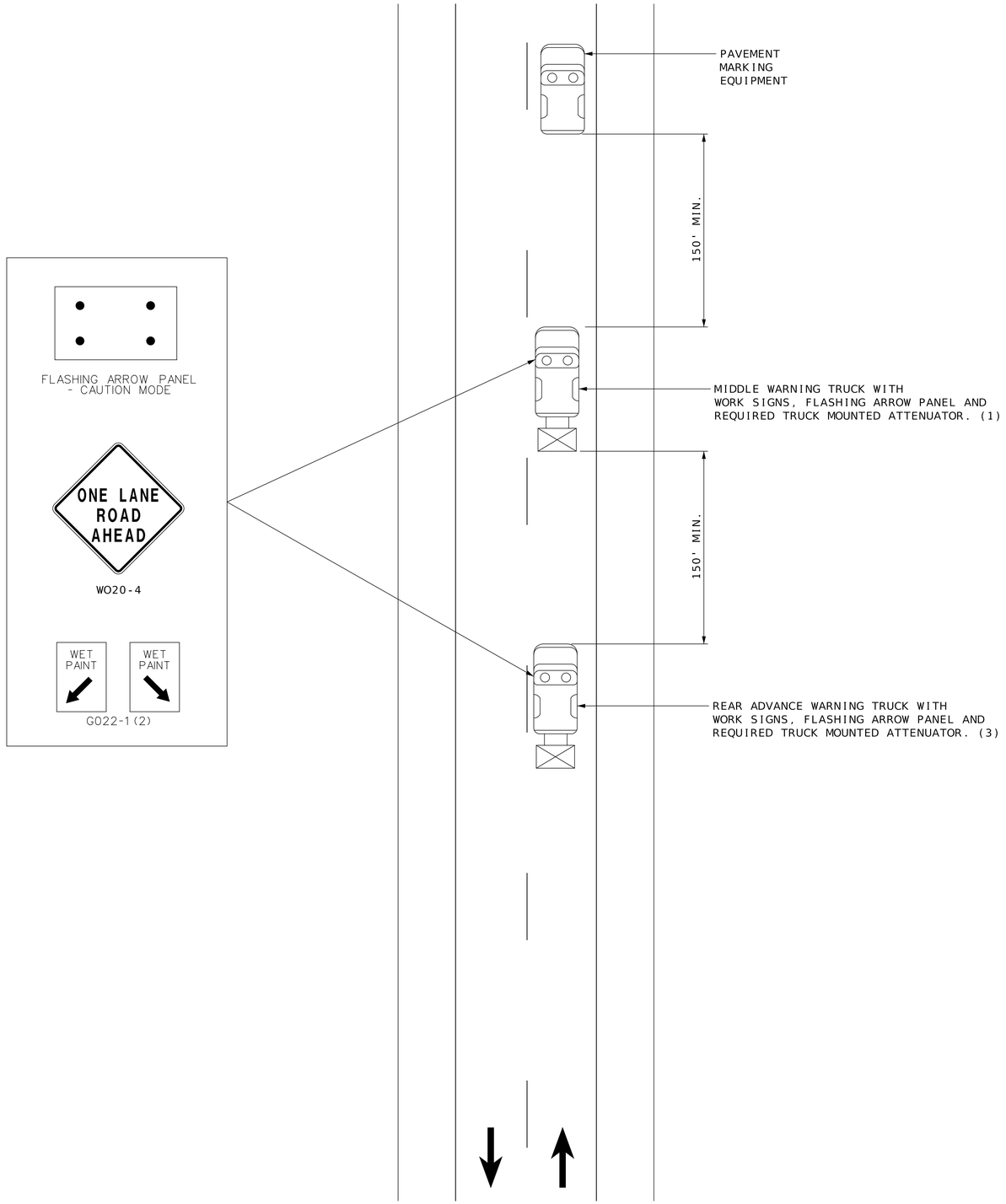
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026



PAVEMENT MARKING ON TWO-LANE HIGHWAY

NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCKS 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.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) 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.

(3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 9 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:07:38 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/10/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
LAWRENCE

JOB NO.
JSR0019

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: 4/2/2026



WO20-1

2



WO20-4

7



WO20-7a

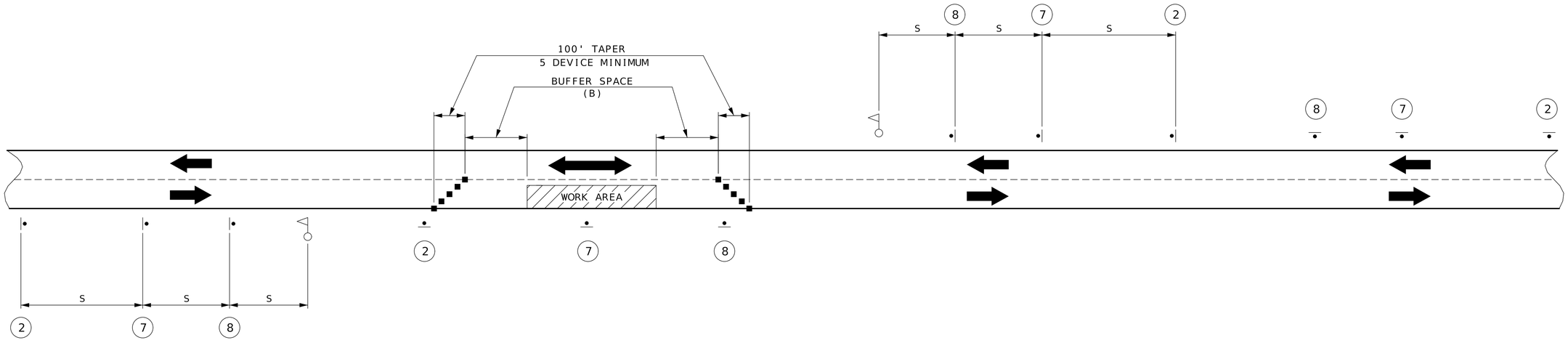
8



GO20-4

57

SIGN 57, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC). SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT) (B)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

SPACING NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

MOVING FLAGGER OPERATION
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 10 OF 11

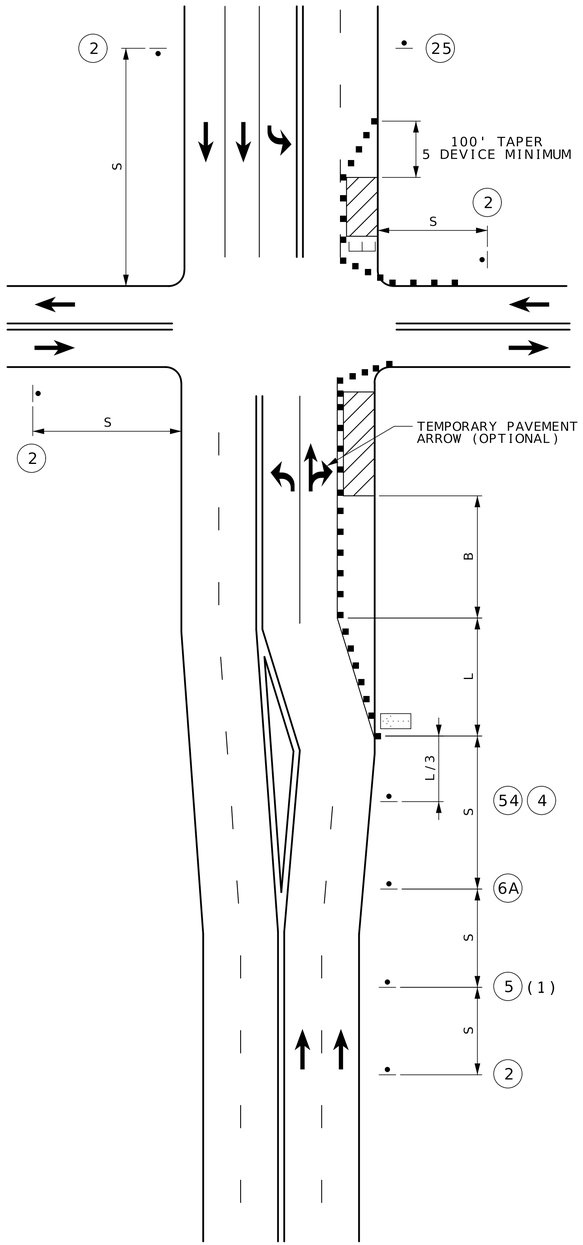
STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/22/2026 11:09:59 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED	
9/9/2026	
ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	16
COUNTY	
LAWRENCE	
JOB NO.	
JSR0019	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

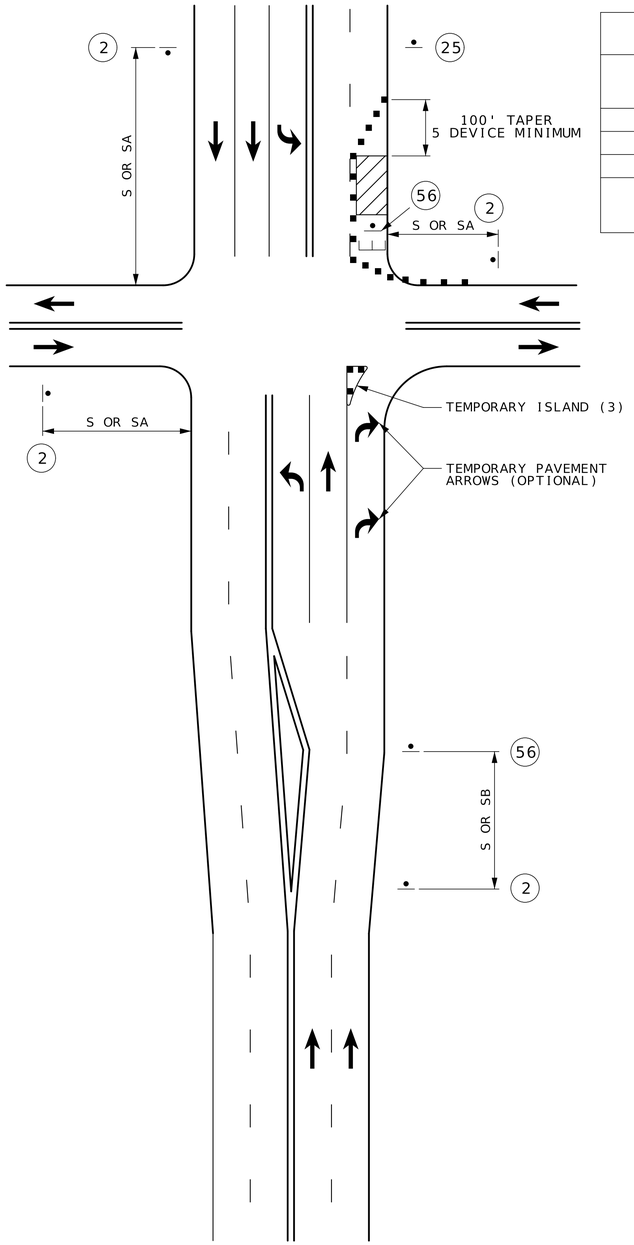
DESCRIPTION | DATE

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

REVISED: 3/17/2026



WORK ON NEAR OR FAR SIDE



WORK ON FAR SIDE ONLY (2)

RIGHT LANE CLOSURE AT INTERSECTION

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	540	360	40	80
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:
FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(1) RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(2) TYPICAL APPLICATION ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH TRAFFIC TURNS RIGHT.

(3) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.

TRAFFIC CONTROL LEGEND

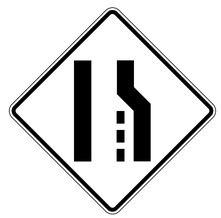
- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



WO20-1
2



WO20-5
5



WO4-2R
6A

GO20-5aP





R3-7R
56



R2-1
54
4
(25)



R2-1
25
(NORMAL SPEED)
(25/35)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 11 OF 11

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/22/2026 11:10:09 AM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/10/2026

ROUTE	STATE
39	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
LAWRENCE

JOB NO.
JSR0019

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)

DESIGN DESIGNATION

A.A.D.T. - 2024 = 5,612

T = 4.5%

V = 35, 45 M.P.H.

FUNCTIONAL CLASSIFICATION-PRINCIPAL ARTERIAL

NO NEW R/W REQUIRED

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		
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

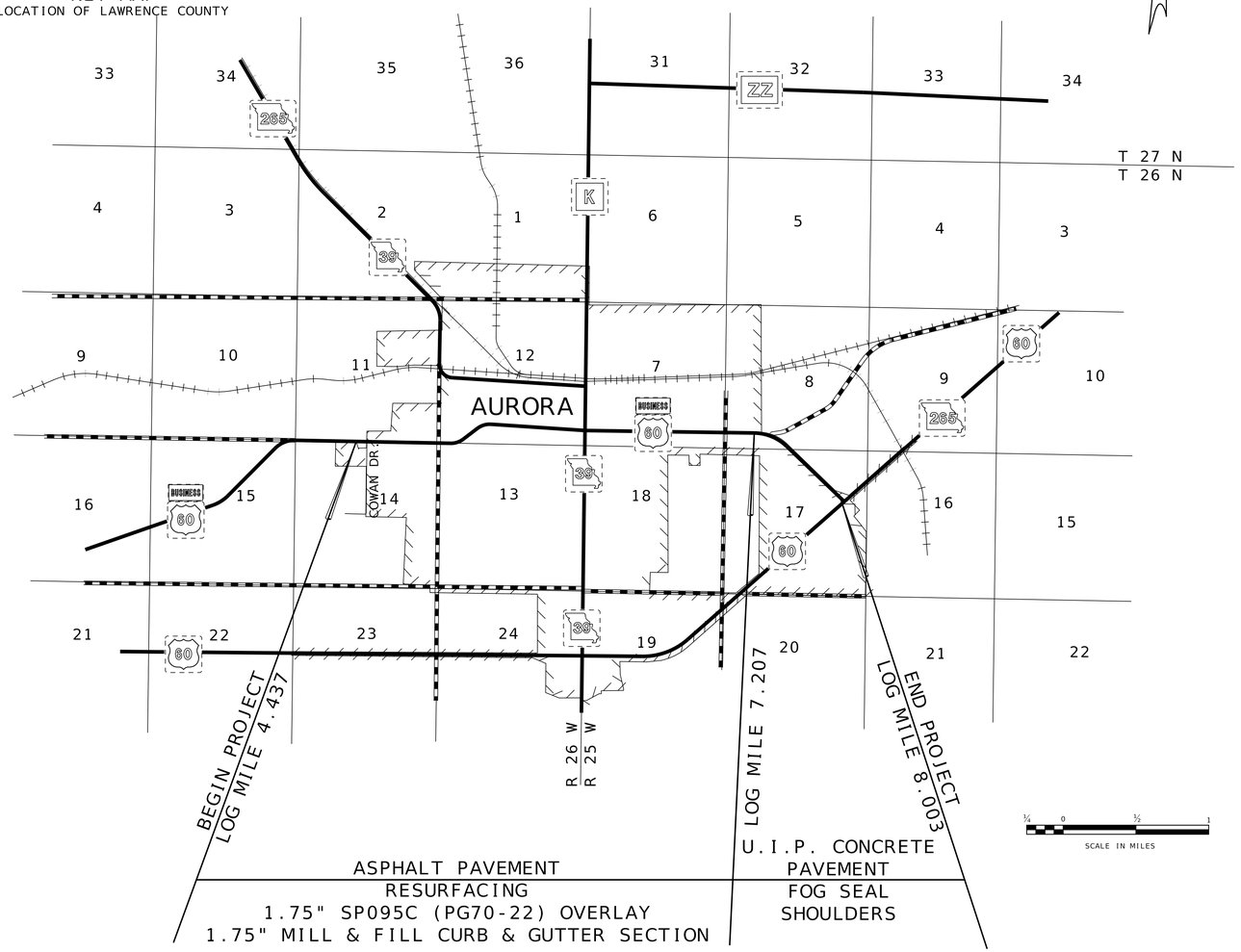
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

LAWRENCE COUNTY



KEY MAP
LOCATION OF LAWRENCE COUNTY



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) (7 SHEETS)	2
QUANTITIES (QU) (8 SHEETS)	3
PLAN-PROFILE (PP)	4-11
TRAFFIC CONTROL SHEETS (TC)	12-18
PAVEMENT MARKING (PM)	19-26

LENGTH OF PROJECT

BEGINNING OF PROJECT	E.B. LOG MILE 4.437
END OF PROJECT	E.B. LOG MILE 8.003
APPARENT LENGTH	3.566 MILES
EQUATIONS AND EXCEPTIONS:	
TOTAL CORRECTIONS	0.000 MILES
NET LENGTH OF PROJECT	3.566 MILES
STATE LENGTH	3.566 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0 ACRES

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:49:58 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026

ROUTE	STATE
BUS60	MO

DISTRICT	SHEET NO.
SW	1

COUNTY: LAWRENCE

JOB NO.: JSR0022

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: 8/26/2024

NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

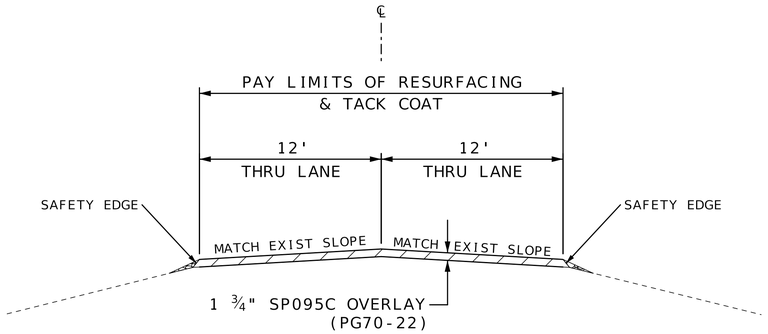
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

QUANTITIES FOR SAFETY EDGE INCLUDED WITH MAINLINE PAVEMENT QUANTITIES.

NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TP 3") REQUIRED TO REMOVE THE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO THE ENTIRE PROJECT LIMITS.

ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG70-22)	1.980 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLED	0.10 GAL/SY
IRREGULARITIES:	75 TONS/MI



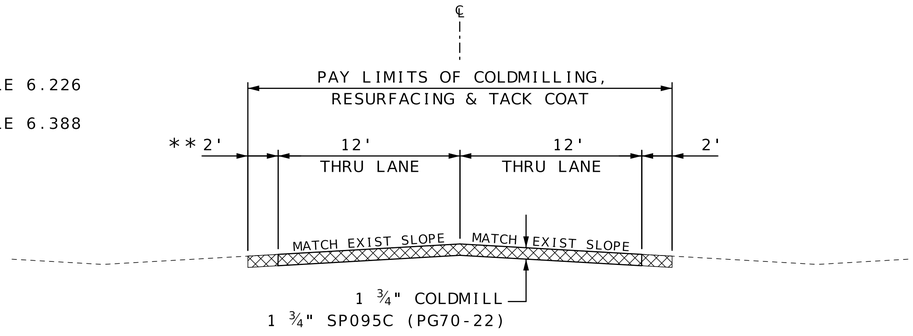
BUSINESS ROUTE 60

LOG MILE 4.437 TO LOG MILE 4.583
LOG MILE 4.782 TO LOG MILE 5.432
LOG MILE 6.192 TO LOG MILE 7.207

MODIFIED COLDMILLING DEPTH TRANSITION

LOG MILE 4.437 TO LOG MILE 4.470
LOG MILE 5.399 TO LOG MILE 5.432
LOG MILE 6.192 TO LOG MILE 6.226
LOG MILE 7.174 TO LOG MILE 7.207

**
LOG MILE 6.194 TO LOG MILE 6.226
0' WIDTH
LOG MILE 6.302 TO LOG MILE 6.388
0' WIDTH



BUSINESS ROUTE 60

LOG MILE 5.432 TO LOG MILE 5.676
LOG MILE 5.832 TO LOG MILE 5.953
LOG MILE 6.112 TO LOG MILE 6.192

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: LAWRENCE
JOB NO.: JSR0022
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: 8/26/2024

NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

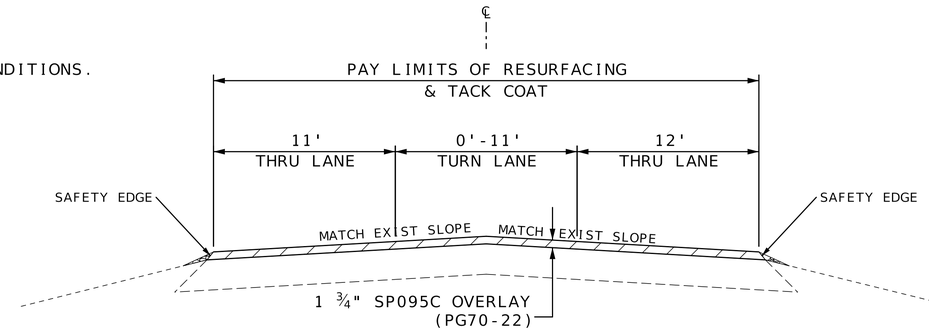
SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

QUANTITIES FOR SAFETY EDGE INCLUDED WITH MAINLINE PAVEMENT QUANTITIES.

NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TP 3") REQUIRED TO REMOVE THE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO THE ENTIRE PROJECT LIMITS.

ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG70-22)	1.980 TONS/CY
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLED	0.10 GAL/SY
IRREGULARITIES:	75 TONS/MI



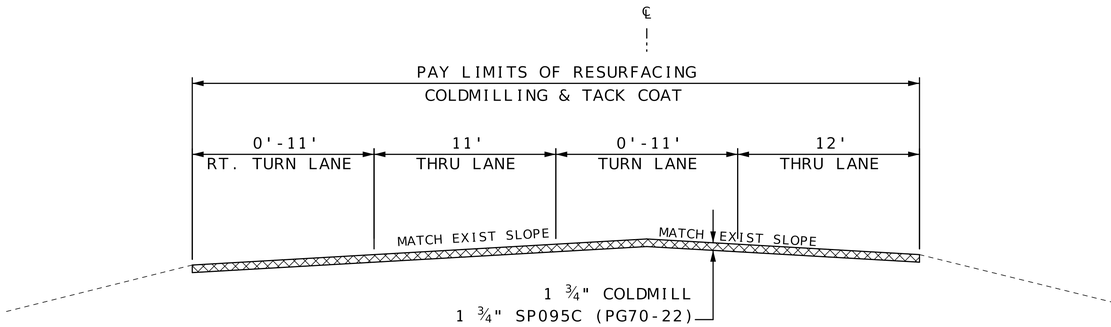
BUSINESS ROUTE 60

LOG MILE 4.583 TO LOG MILE 4.678

LOG MILE 4.583 TO LOG MILE 4.654
TRANSITION CENTER TURN LANE 0' TO 11'

MODIFIED COLDMILLING DEPTH TRANSITION

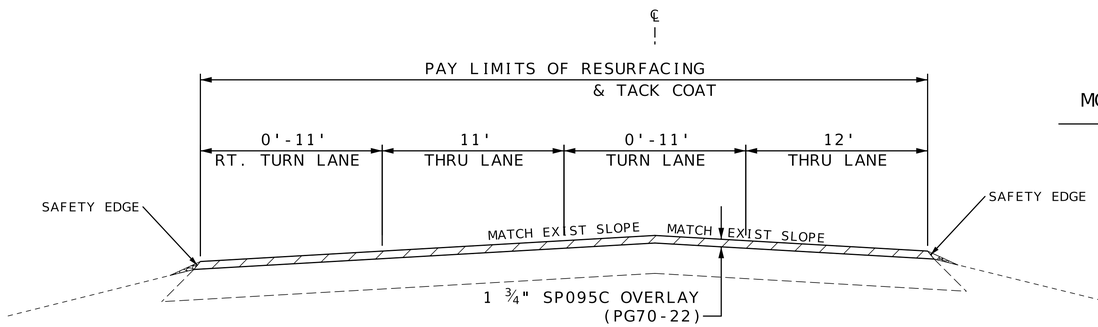
LOG MILE 4.645 TO LOG MILE 4.678



BUSINESS ROUTE 60

LOG MILE 4.678 TO LOG MILE 4.739

LOG MILE 4.678 TO LOG MILE 4.685
TRANSITION RT. TURN LANE 0' TO 11'



MODIFIED COLDMILLING DEPTH TRANSITION

LOG MILE 4.739 TO LOG MILE 4.772

BUSINESS ROUTE 60

LOG MILE 4.739 TO LOG MILE 4.782

LOG MILE 4.739 TO LOG MILE 4.782
TRANSITION RT. TURN LANE &
CENTER TURN LANE 11' TO 0'

TYPICAL SECTIONS
SHEET 2 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 1:37:24 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
LAWRENCE

JOB NO.
JSR0022

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: 1/4/2024

NOTES: LANE WIDTH NOTED IS TYPICAL LANE WIDTH.
ADJUST PAVING WIDTHS TO EXISTING FIELD CONDITIONS.

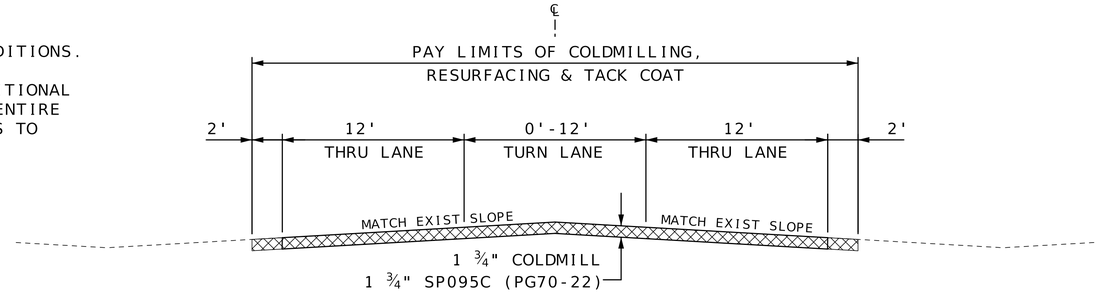
NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

QUANTITIES FOR SAFETY EDGE INCLUDED WITH MAINLINE PAVEMENT QUANTITIES.

ASPHALT FACTORS	
COMBINED FACTOR	
SP095C (PG70-22) 1.980 TONS/CY	
TACK COAT	
OVERLAY	0.08 GAL/SY
MILLING	0.10 GAL/SY
FOG SEAL	
SHOULDERS	0.20 GAL/SY
IRREGULARITIES: 75 TONS/MI	

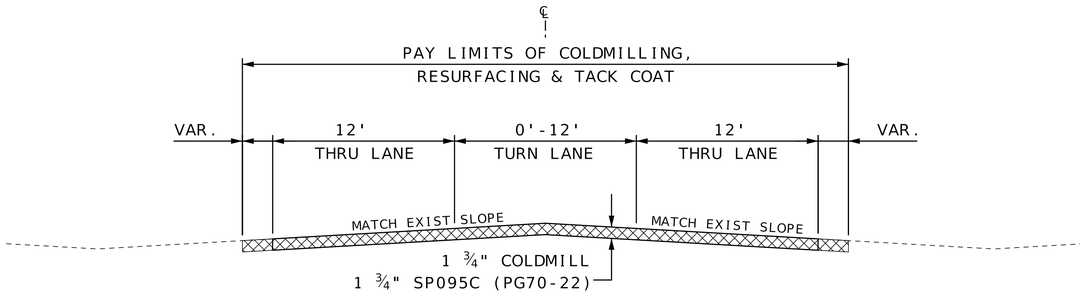


BUSINESS ROUTE 60

LOG MILE 5.676 TO LOG MILE 5.832

LOG MILE 5.676 TO LOG MILE 5.712
TRANSITION CENTER TURN LANE 0'-12'

LOG MILE 5.787 TO LOG MILE 5.832
TRANSITION CENTER TURN LANE 12'-0'



BUSINESS ROUTE 60

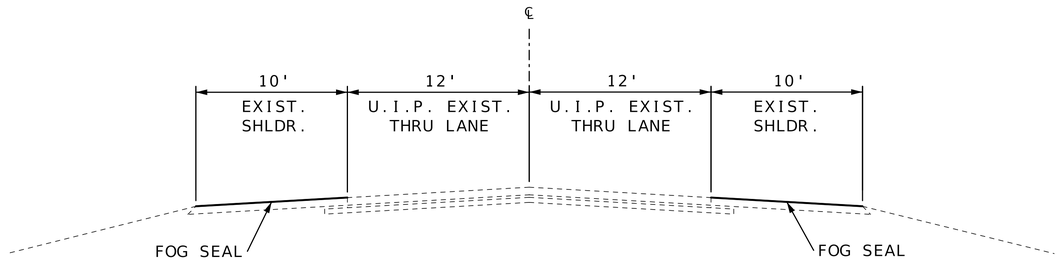
LOG MILE 5.953 TO LOG MILE 6.030

LOG MILE 5.953 TO LOG MILE 5.988
TRANSITION CENTER TURN LANE 0'-12'

LOG MILE 6.037 TO LOG MILE 6.112

LOG MILE 6.080 TO LOG MILE 6.112
TRANSITION CENTER TURN LANE 12'-0'

LOG MILE 6.030 TO LOG MILE 6.037
EXCEPTION FOR ROUTE 39 PAVING
PROJECT - JSR0019



BUSINESS ROUTE 60

LOG MILE 7.207 TO LOG MILE 8.003

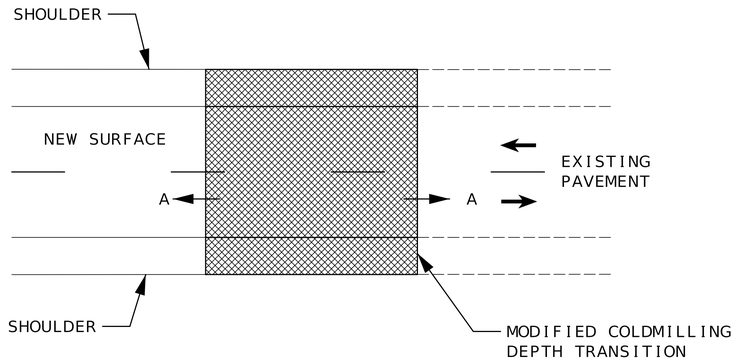
STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026
ROUTE: BUS60 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: LAWRENCE
JOB NO.: JSR0022
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

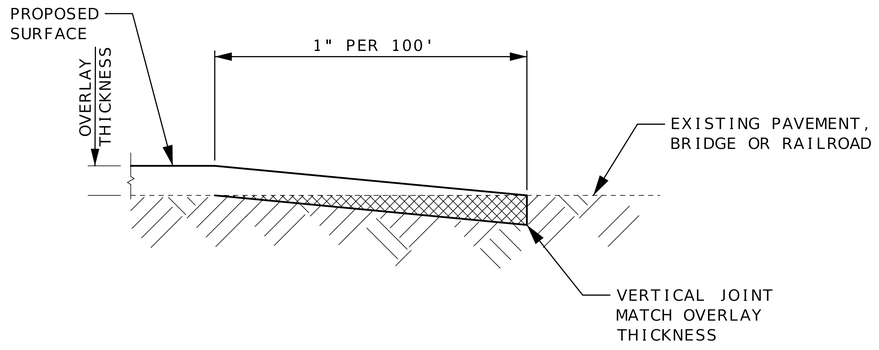
DESCRIPTION | DATE

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

REVISED: 3/7/2023



MAINLINE, BRIDGE, AND RAILROAD PLAN



SECTION A-A

TRANSVERSE JOINT TRANSITION FOR SINGLE LIFT
PROJECT BEGINNING, END, BRIDGE, OR RAILROAD

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:15:08 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/3/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

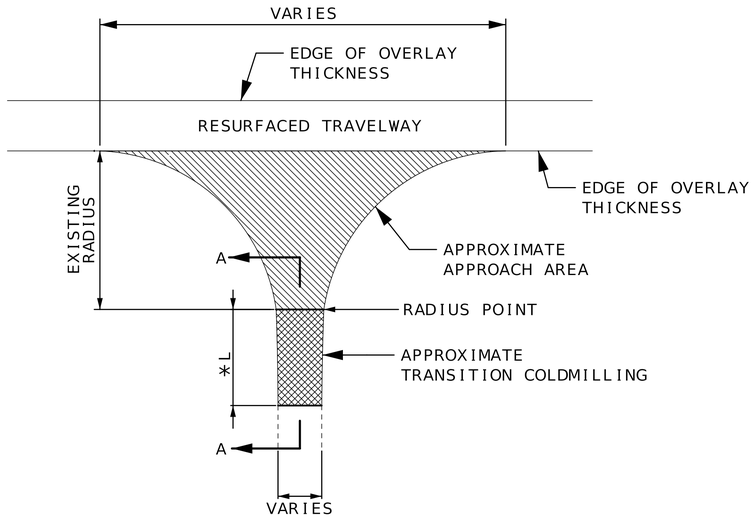
PROJECT NO.

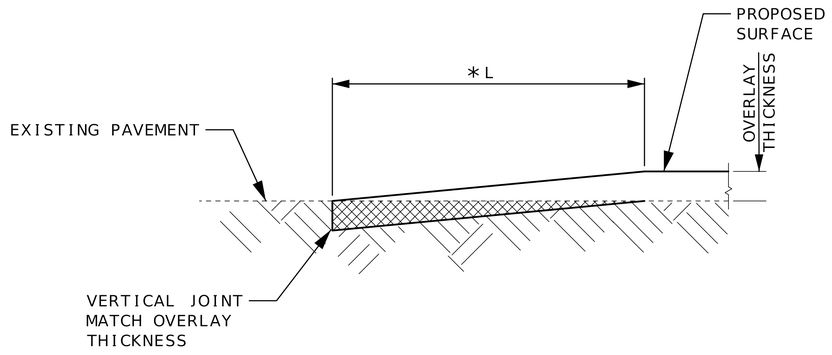
BRIDGE NO.

DESCRIPTION	DATE

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

REVISED: 8/26/2024



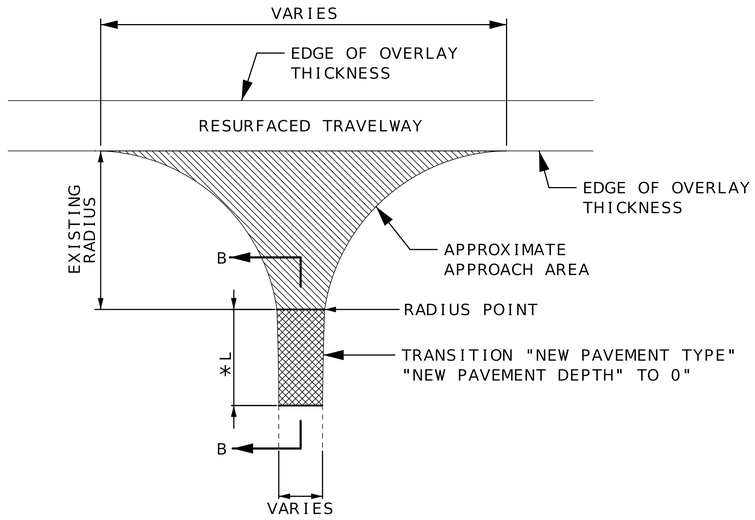


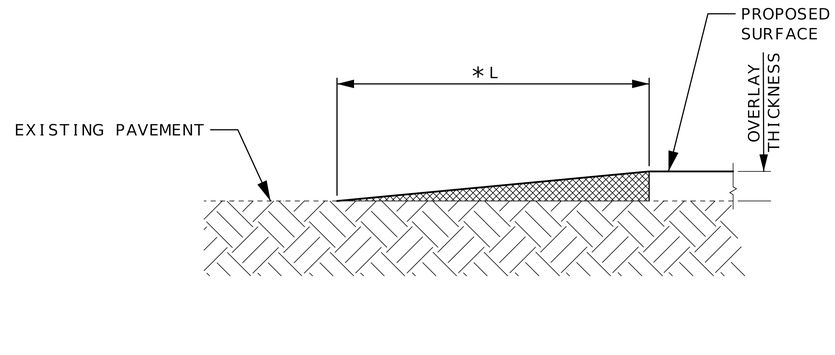
SECTION A-A

SURFACING REQUIREMENTS FOR
OVERLAYS AT STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LENGTHS

OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 ¾"	50.0'
2"	60.0'





SECTION B-B

SURFACING REQUIREMENTS FOR OVERLAYS
AT EXISTING COLD MIX STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LENGTHS

OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 ¾"	50.0'
2"	60.0'

TYPICAL SECTIONS
SHEET 5 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:15:08 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 8/3/2026

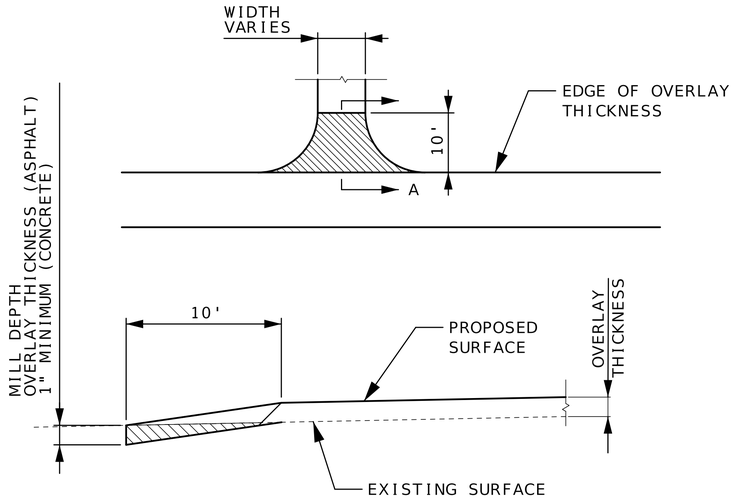
ROUTE	STATE
BUS60	MO

DISTRICT	SHEET NO.
SW	2

COUNTY: LAWRENCE
JOB NO.: JSR0022
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

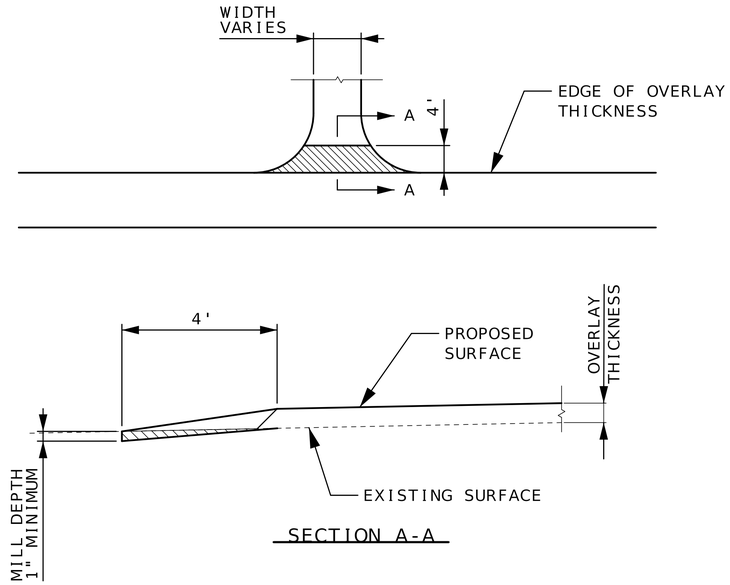
DESCRIPTION | DATE

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



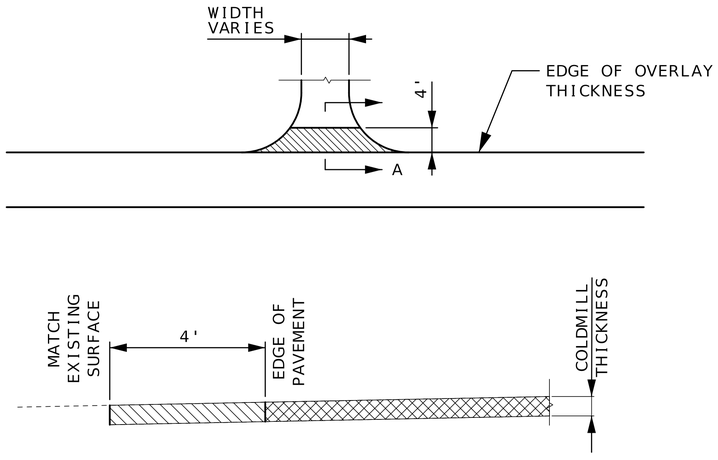
SECTION A-A

TYPICAL CITY STREET / COUNTY ROAD
ASPHALT/CONCRETE



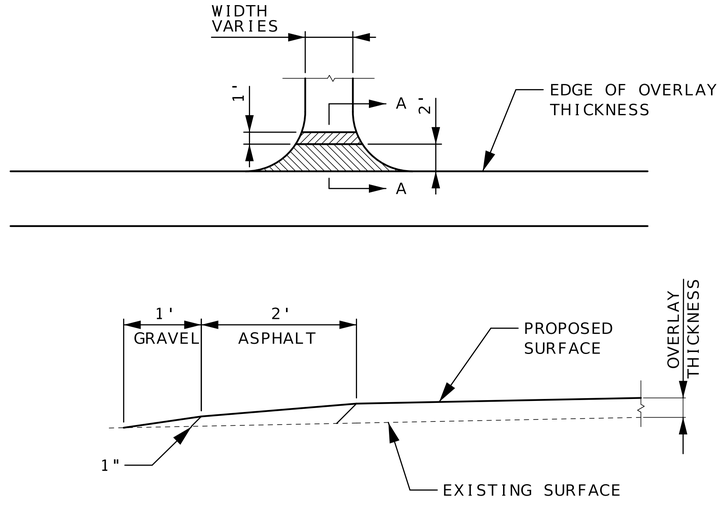
SECTION A-A

TYPICAL ENTRANCE
ASPHALT/CONCRETE



SECTION A-A

TYPICAL CITY STREET / COUNTY ROAD
ASPHALT



SECTION A-A

TYPICAL ENTRANCE
GRAVEL

TYPICAL SECTIONS
SHEET 6 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:15:09 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/3/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

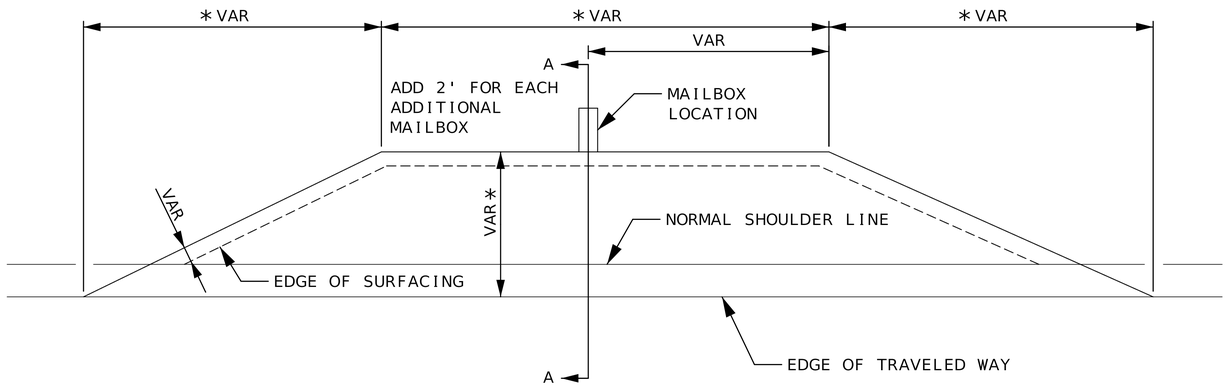
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

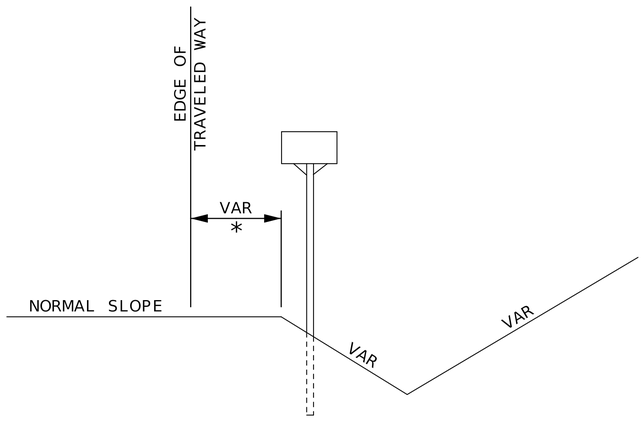
REVISED: 8/26/2024

NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND
15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL
MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

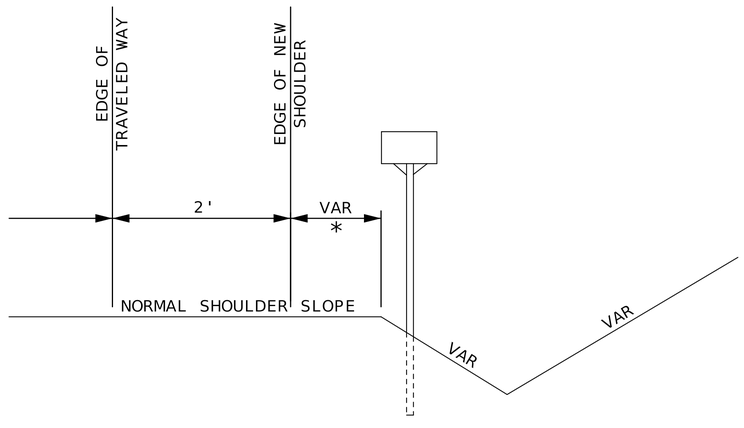
TYPICAL MAILBOX TURNOUT

*AS APPROVED BY THE ENGINEER





SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER

TYPICAL SECTIONS
SHEET 7 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:15:08 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED	8/3/2026
ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	2
COUNTY	LAWRENCE
JOB NO.	JSR0022
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

BEGIN LOG MILE	TO	END LOG MILE	LOCATION	DESCRIPTION	QUANTITY	REMARKS
6.041			BUS. RTE. 60 - RT. SIDE	EX. INLET GRATE AND TOP	1	
				LUMP SUM	1	

MODIFIED COLDMILLING (DEPTH TRANSITION)

LOG MILE	TO	LOG MILE	LENGTH LF	WIDTH BEGIN FT	WIDTH END FT	SURFACE AREA SF	TOTAL SY	REMARKS
4.437	-	4.470	174.24	24.00	24.00	4181.76	474.51	BEGIN RESURFACING
4.477						394.30	43.81	COWAN DR. RT.
4.527						93.60	10.40	CONCRETE ENTRANCE RT.
4.567						420.90	46.77	HIGHLAND DR. RT.
4.600						87.70	9.74	ASPHALT ENTRANCE LT.
4.614						435.80	48.42	SUNSHINE DR. RT.
4.645	-	4.654	47.52	32.60	34.00	1582.42	178.52	TRAVELWAY
4.654	-	4.678	126.72	34.00	34.00	4308.48	485.90	TRAVELWAY
4.739	-	4.772	174.24	45.00	28.70	6420.74	723.29	TRAVELWAY
4.758						502.70	55.86	LAKEVIEW DR. RT.
4.798						112.00	12.44	ASPHALT ENTRANCE LT.
4.856						198.40	22.04	CONCRETE ENTRANCE RT.
4.861						112.50	12.50	ASPHALT ENTRANCE LT.
4.870						210.20	23.36	CONCRETE ENTRANCE RT.
4.937						94.90	10.54	ASPHALT ENTRANCE LT.
4.938						648.20	72.02	ASPHALT ENTRANCE RT.
4.976						478.90	53.21	CARNATION AVE. LT.
4.977						1112.00	123.56	CARNATION AVE. RT.
5.058						159.20	17.69	ASPHALT ENTRANCE LT.
5.090						3515.70	390.63	ASPHALT ENTRANCE RT.
5.096						1427.80	158.64	ASPHALT ENTRANCE LT.
5.111						786.50	87.39	LEWIS SHAW DR. LT.
5.117						1223.70	135.97	SOUTH ST. RT.
5.122						777.50	86.39	LEWIS SHAW DR. LT.
5.362						1392.30	154.70	PARK TERRACE LT.
5.393						114.90	12.77	ASPHALT ENTRANCE LT.
5.406						80.80	8.98	CONCRETE ENTRANCE LT.
5.399	-	5.432	174.24	24.00	24.00	4181.76	474.51	TRAVELWAY
6.192	-	6.226	179.52	32.00	32.00	5744.64	648.47	TRAVELWAY
6.190	-	6.255	343.20	4.00	4.00	1372.80	171.98	4' RT. EDGE
6.191	-	6.253	327.36	4.00	4.00	1309.44	164.04	4' LT. EDGE
6.258						483.20	53.69	RINKER AVE. LT.
6.258						404.30	44.92	RINKER AVE. RT.
6.265	-	6.302	195.36	4.00	4.00	781.44	97.90	4' LT. EDGE
6.263	-	6.274	58.08	4.00	4.00	232.32	29.10	4' RT. EDGE
6.342						521.10	57.90	S. GRIFFITH AVE. RT.
6.343						302.40	33.60	CONCRETE ENTRANCE LT.
6.347	-	6.382	184.80	4.00	4.00	739.20	92.61	4' RT. EDGE
6.405						211.40	23.49	ASPHALT ENTRANCE LT.
6.425						638.00	70.89	PORTER AVE. RT.
6.426						231.10	25.68	ASPHALT ENTRANCE LT.
6.431	-	6.498	353.76	4.00	4.00	1415.04	177.27	4' RT. EDGE
6.431	-	6.512	427.68	2.00	2.00	855.36	119.28	2' LT. EDGE
6.505						621.10	69.01	S. HUDSON AVE. RT.
6.658						256.30	28.48	ASPHALT ENTRANCE LT.
6.663						618.20	68.69	SYCAMORE ST. RT.
6.683						268.80	29.87	CONCRETE ENTRANCE RT.
6.704						273.10	30.34	CONCRETE ENTRANCE RT.
6.726						596.40	66.27	SPRUCE ST. RT.
6.740						247.50	27.50	ASPHALT ENTRANCE LT.
6.805						248.70	27.63	ASPHALT ENTRANCE RT.
6.817						111.90	12.43	ASPHALT ENTRANCE RT.
6.838						111.70	12.41	ASPHALT ENTRANCE RT.
6.865						304.10	33.79	ASPHALT ENTRANCE RT.
6.901						275.30	30.59	ASPHALT ENTRANCE RT.
MODIFIED COLDMILLING SUBTOTAL 1							6182.39	

MOBILIZATION

LUMP SUM - 1

CONTRACTOR FURNISHED SURVEYING AND STAKING

LUMP SUM - 1

ADJUSTING MANHOLE

LOG MILE	LOCATION	EA.	REMARKS
4.977	BUS. ROUTE 60, SOUTH SIDE	1	CARNATION AVE.
7.006	BUS. ROUTE 60, NORTH SIDE	1	WOLF RD.
TOTAL		2	
USE		2	

MODIFIED COLDMILLING (DEPTH TRANSITION)

LOG MILE	TO	LOG MILE	LENGTH LF	WIDTH BEGIN FT	WIDTH END FT	SURFACE AREA SF	TOTAL SY	REMARKS
7.006						1118.30	124.26	WOLF ROAD LT.
7.006						550.20	61.13	LAWRENCE 1200 RT.
7.035						156.40	17.38	ASPHALT ENTRANCE LT.
7.082						102.40	11.38	ASPHALT ENTRANCE RT.
7.162						236.70	26.30	ASPHALT ENTRANCE RT.
7.167						491.40	54.60	CONCRETE ENTRANCE LT.
7.203						258.20	28.69	CONCRETE ENTRANCE RT.
7.203						246.90	27.43	ASPHALT ENTRANCE LT.
7.174	-	7.207	174.24	24.00	24.00	4181.76	474.51	END RESURFACING
MODIFIED COLDMILLING SUBTOTAL 2							825.68	
MODIFIED COLDMILLING SUBTOTAL 1							6182.39	
TOTALS							7008.07	
USE							7008	

SUMMARY OF QUANTITIES

SHEET 1 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026
ROUTE: BUS60 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: LAWRENCE
JOB NO.: JSR0022
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)

COLDMILLING BITUMINOUS PAVEMENT (3" THICK OR LESS)

LOG MILE	TO	LOG MILE	LENGTH LF	WIDTH BEGIN FT	WIDTH END FT	AREA SF	TOTAL SY	REMARKS
4.678	-	4.685	36.96	34	45	1459.92	162.21	TERRACE DR. RT. TURN LN.
4.685	-	4.739	285.12	45	45	12830.40	1425.60	TERRACE DR. RT. TURN LN.
5.432	-	5.676	1288.32	24	24	30919.68	3435.52	TRAVELWAY
5.676	-	5.705	153.12	24	35	4517.04	501.89	TRAVELWAY
5.705	-	5.712	36.96	35	36	1312.08	145.79	TRAVELWAY
5.712	-	5.787	396.00	36	36	14256.00	1584.00	TRAVELWAY
5.787	-	5.796	47.52	36	34.8	1682.21	186.91	TRAVELWAY
5.796	-	5.832	190.08	34.8	24	5588.35	620.93	TRAVELWAY
5.832	-	5.953	638.88	24	24	15333.12	1703.68	TRAVELWAY
5.953	-	5.988	184.80	24	36	5544.00	616.00	TRAVELWAY
5.988	-	6.030	221.76	36	36	7983.36	887.04	TRAVELWAY
5.445	-	5.524	417.12	4	4	1668.48	185.39	4' EDGE RT.
5.438						216.60	24.07	ROOSEVELT AVE. LT.
5.439						220.50	24.50	ROOSEVELT AVE. RT.
5.487	-	5.523	190.08	4	4	760.32	84.48	4' EDGE LT.
5.527						155.50	17.28	LINCOLN AVE. LT.
5.527						155.50	17.28	LINCOLN AVE. RT.
5.531	-	5.578	248.16	4	4	992.64	110.29	4' EDGE LT.
5.532	-	5.578	242.88	4	4	971.52	107.95	4' EDGE RT.
5.582						184.00	20.44	HARRISON AVE. LT.
5.582						160.00	17.78	HARRISON AVE. RT.
5.586	-	5.651	343.20	4	4	1372.80	152.53	4' EDGE RT.
5.587	-	5.650	332.64	4	4	1330.56	147.84	4' EDGE LT.
5.655						195.60	21.73	ADAMS AVE. LT.
5.655						181.30	20.14	ADAMS AVE. RT.
5.659	-	5.677	95.04	4	4	380.16	42.24	4' EDGE LT.
5.660	-	5.676	84.48	4	4	337.92	37.55	4' EDGE RT.
5.676	-	5.705	153.12	4	2	459.36	51.04	RT. EDGE
5.677	-	5.712	184.80	4	2	554.40	61.60	LT. EDGE
5.705	-	5.743	200.64	2	2	401.28	44.59	2' EDGE RT.
5.712	-	5.744	168.96	2	2	337.92	37.55	2' EDGE LT.
5.752						272.50	30.28	WASHINGTON AVE. LT.
5.751						285.50	31.72	WASHINGTON AVE. RT.
5.760	-	5.796	190.08	2	2	380.16	42.24	2' EDGE RT.
5.760	-	5.787	142.56	2	2	285.12	31.68	2' EDGE LT.
5.796	-	5.829	174.24	2	4	522.72	58.08	RT. EDGE
5.787	-	5.832	237.60	2	4	712.80	79.20	LT. EDGE
5.829	-	5.846	89.76	4	4	359.04	39.89	4' EDGE RT.
5.832	-	5.847	79.20	4	4	316.80	35.20	4' EDGE LT.
5.853						224.90	24.99	MADISON AVE. LT.
5.853						254.60	28.29	MADISON AVE. RT.
5.860	-	5.926	348.48	4	4	1393.92	154.88	4' EDGE LT.
5.861	-	5.930	364.32	4	4	1457.28	161.92	4' EDGE RT.
5.936						334.60	37.18	JEFFERSON AVE. LT.
5.937						246.40	27.38	JEFFERSON AVE. RT.
5.943	-	5.953	52.80	4	4	211.20	23.47	4' EDGE RT.
5.945	-	5.953	42.24	4	4	168.96	18.77	4' EDGE LT.
5.953	-	5.982	153.12	4	5.2	704.35	78.26	LT. EDGE
5.953	-	5.984	163.68	4	4.5	695.64	77.29	RT. EDGE
5.982	-	5.988	31.68	5.2	4	145.73	16.19	LT. EDGE
5.988	-	6.030	221.76	4	4	887.04	98.56	4' EDGE LT.
5.984	-	6.030	242.88	4.5	4.5	1092.96	121.44	4.5' EDGE RT.
6.037	-	6.058	110.88	36	36	3991.68	443.52	TRAVELWAY
6.058	-	6.080	116.16	36	34.6	4100.45	455.61	TRAVELWAY
6.080	-	6.101	110.88	34.6	25	3304.22	367.14	TRAVELWAY
6.101	-	6.112	58.08	25	24	1422.96	158.11	TRAVELWAY
6.112	-	6.192	422.40	24	24	10137.60	1126.40	TRAVELWAY
6.037	-	6.046	47.52	13.5	13.5	641.52	71.28	RT. EDGE
6.046	-	6.058	63.36	13.5	4	554.40	61.60	RT. EDGE
6.058	-	6.104	242.88	4	4	971.52	107.95	RT. EDGE
6.133	-	6.178	237.60	4	4	950.40	105.60	RT. EDGE
					COLDMILLING SUBTOTAL 1		16610	

COLDMILLING BITUMINOUS PAVEMENT (3" THICK OR LESS)

LOG MILE	TO	LOG MILE	LENGTH LF	WIDTH BEGIN FT	WIDTH END FT	AREA SF	TOTAL SY	REMARKS
6.190	-	6.192	10.56	4	4	42.24	4.69	RT. EDGE
6.037	-	6.080	227.04	5.5	5.5	1248.72	138.75	LT. EDGE
6.080	-	6.102	116.16	5.5	4	551.76	61.31	LT. EDGE
6.116	-	6.177	322.08	4	4	1288.32	143.15	LT. EDGE
6.191	-	6.192	5.28	4	4	21.12	2.35	LT. EDGE
					COLDMILLING SUBTOTAL 2		350.25	
					COLDMILLING SUBTOTAL 1		16610.00	
					TOTALS		16960.25	
					USE		16960	

SUMMARY OF QUANTITIES
SHEET 2 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:15:09 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/3/2026

ROUTE	STATE
BUS60	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
LAWRENCE

JOB NO.
JSR0022

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)

PAVEMENT QUANTITIES

LOG MILE	TO	LOG MILE	LENGTH LF	WIDTH BEGIN FT	WIDTH END FT	SURFACE AREA SF	1 3/4" SP095C (PG70-22) TONS	NON-TRACKING TACK COAT GAL.	GRAVEL A OR CRUSHED STONE B TONS	FOG SEAL 0.2 GAL./S.Y. GALLONS	REMARKS
4.437	-	4.583	770.88	24.00	24.00	18501.12	199.90	167.91			TRAVELWAY
4.583	-	4.645	327.36	24.00	32.60	9264.29	99.94	104.77			TRAVELWAY
4.645	-	4.654	47.52	32.60	34.00	1582.42	16.92	17.58			TRAVELWAY
4.654	-	4.678	126.72	34.00	34.00	4308.48	46.07	47.87			TRAVELWAY
4.678	-	4.685	36.96	34.00	45.00	1459.92	15.61	16.22			TRAVELWAY
4.685	-	4.739	285.12	45.00	45.00	12830.40	137.18	142.56			TRAVELWAY
4.739	-	4.782	227.04	45.00	24.00	7832.88	83.75	87.03			TRAVELWAY
4.782	-	5.399	3257.76	24.00	24.00	78186.24	844.77	887.02			TRAVELWAY
5.399	-	5.676	1462.56	24.00	24.00	35101.44	375.30	390.02			TRAVELWAY
5.676	-	5.712	190.08	24.00	36.00	5702.40	60.97	63.36			TRAVELWAY
5.712	-	5.787	396.00	36.00	36.00	14256.00	152.43	158.40			TRAVELWAY
5.787	-	5.832	237.60	36.00	24.00	7128.00	76.21	79.20			TRAVELWAY
5.832	-	5.953	638.88	24.00	24.00	15333.12	163.94	170.37			TRAVELWAY
5.953	-	5.988	184.80	24.00	36.00	5544.00	59.28	61.60			TRAVELWAY
5.988	-	6.030	221.76	36.00	36.00	7983.36	85.36	88.70			TRAVELWAY
6.037	-	6.058	110.88	36.00	36.00	3991.68	42.68	44.35			TRAVELWAY
6.058	-	6.080	116.16	36.00	34.60	4100.45	43.84	45.56			TRAVELWAY
6.080	-	6.101	110.88	34.60	25.00	3304.22	35.33	36.71			TRAVELWAY
6.101	-	6.112	58.08	25.00	24.00	1422.96	15.21	15.81			TRAVELWAY
6.112	-	6.226	601.92	24.00	24.00	14446.08	154.46	160.51			TRAVELWAY
6.226	-	7.207	5179.68	24.00	24.00	124312.32	1343.14	1410.31			TRAVELWAY
4.477						394.30	4.22	4.38			COWAN DR. RT.
4.495						66.20	0.71	0.74	0.20		GRAVEL ENTRANCE LT.
4.512						46.90	0.50	0.52	0.15		GRAVEL ENTRANCE LT.
4.527						93.60	1.00	1.04			CONCRETE ENTRANCE RT.
4.529						119.80	1.28	1.33			MAILBOX TURNOUT LT.
4.539						87.30	0.93	0.97	0.27		GRAVEL ENTRANCE LT.
4.551						38.20	0.41	0.42	0.11		GRAVEL ENTRANCE RT.
4.567						420.90	4.50	4.68			HIGHLAND DR. RT.
4.596						81.10	0.87	0.90			MAILBOX TURNOUT LT.
4.600						87.70	0.94	0.97			ASPHALT ENTRANCE LT.
4.614						435.80	4.66	4.84			SUNSHINE DR. RT.
4.661						54.80	0.59	0.61	0.16		GRAVEL ENTRANCE RT.
4.758						502.70	5.37	5.59			LAKEVIEW DR. RT.
4.795						58.00	0.62	0.64			MAILBOX TURNOUT LT.
4.798						112.00	1.20	1.24			ASPHALT ENTRANCE LT.
4.856						198.40	2.12	2.20			CONCRETE ENTRANCE RT.
4.861						112.50	1.20	1.25			ASPHALT ENTRANCE LT.
4.870						210.20	2.25	2.34			CONCRETE ENTRANCE RT.
4.894						44.80	0.48	0.50	0.15		GRAVEL ENTRANCE RT.
4.922						78.90	0.84	0.88	0.28		GRAVEL ENTRANCE RT.
4.937						94.90	1.01	1.05			ASPHALT ENTRANCE LT.
4.938						648.20	6.93	7.20			ASPHALT ENTRANCE RT.
4.976						478.90	5.12	5.32			CARNATION AVE. LT.
4.977						1112.00	11.89	12.36			CARNATION AVE. RT.
5.058						159.20	1.70	1.77			ASPHALT ENTRANCE LT.
5.090						3515.70	37.59	39.06			ASPHALT ENTRANCE RT.
5.096						1427.80	15.27	15.86			ASPHALT ENTRANCE LT.
5.111						786.50	8.41	8.74			LEWIS SHAW DR. LT.
5.117						1225.70	13.11	13.62			SOUTH ST. RT.
5.122						777.50	8.31	8.64			LEWIS SHAW DR. LT.
5.362						1392.30	14.89	15.47			PARK TERRACE LT.
5.380						76.40	0.82	0.85	0.16		GRAVEL ENTRANCE LT.
5.382	-	5.391	47.52			177.70	1.90	1.97	0.38		LT. EDGE
5.388						153.40	1.64	1.70	0.53		GRAVEL ENTRANCE RT.
5.393						114.90	1.23	1.28			ASPHALT ENTRANCE LT.
5.395	-	5.405	52.80			170.20	1.82	1.89	0.36		LT. EDGE
5.406						80.80	0.86	0.90			ASPHALT ENTRANCE LT.
5.407	-	5.417	52.80			121.02	1.29	1.34	0.10		LT. EDGE
5.438						216.60	2.32	2.41			ROOSEVELT AVE. LT.
5.439						220.50	2.36	2.45			ROOSEVELT AVE. RT.
PAVEMENT SUBTOTAL 1							4225.45	4375.78	2.85	0.00	

SUMMARY OF QUANTITIES
SHEET 3 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026
ROUTE: BUS60 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: LAWRENCE
JOB NO.: JSR0022
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 QUANTITIES

LOG MILE	TO	LOG MILE	LENGTH LF	WIDTH BEGIN FT	WIDTH END FT	SURFACE AREA SF	1 3/4" SP095C (PG70-22) TONS	NON-TRACKING TACK COAT GAL.	GRAVEL A OR CRUSHED STONE B TONS	FOG SEAL 0.2 GAL./S.Y. GALLONS	REMARKS
5.450						239.70	2.56	2.66			ASPHALT ENTRANCE LT.
5.445	-	5.524	417.12	4.00	4.00	1668.48	17.84	18.54			4' ASPHALT RT.
5.469						191.30	2.05	2.13			ASPHALT ENTRANCE LT.
5.487	-	5.523	190.08	4.00	4.00	760.32	8.13	8.45			4' ASPHALT LT.
5.527						155.50	1.66	1.73			LINCOLN AVE. LT.
5.527						155.50	1.66	1.73			LINCOLN AVE. RT.
5.531	-	5.578	248.16	4.00	4.00	992.64	10.61	11.03			4' ASPHALT LT.
5.532	-	5.578	242.88	4.00	4.00	971.52	10.39	10.79			4' ASPHALT RT.
5.582						160.00	1.71	1.78			HARRISON AVE. RT.
5.582						184.00	1.97	2.04			HARRISON AVE. LT.
5.586	-	5.651	343.20	4.00	4.00	1372.80	14.68	15.25			4' ASPHALT RT.
5.587	-	5.650	332.64	4.00	4.00	1330.56	14.23	14.78			4' ASPHALT LT.
5.655						195.60	2.09	2.17			ADAMS AVE. LT.
5.655						181.30	1.94	2.01			ADAMS AVE. LT.
5.660	-	5.676	84.48	4.00	4.00	337.92	3.61	3.75			4' ASPHALT RT.
5.659	-	5.677	95.04	4.00	4.00	380.16	4.06	4.22			4' ASPHALT LT.
5.676	-	5.705	153.12	4.00	2.00	459.36	4.91	5.10			ASPHALT RT.
5.677	-	5.712	184.80	4.00	2.00	554.40	5.93	6.16			ASPHALT LT.
5.705	-	5.743	200.64	2.00	2.00	401.28	4.29	4.46			2' ASPHALT RT.
5.712	-	5.744	168.96	2.00	2.00	337.92	3.61	3.75			2' ASPHALT LT.
5.751						285.50	3.05	3.17			WASHINGTON AVE. RT.
5.752						272.50	2.91	3.03			WASHINGTON AVE. LT.
5.760	-	5.796	190.08	2.00	2.00	380.16	4.06	4.22			2' ASPHALT RT.
5.760	-	5.787	142.56	2.00	2.00	285.12	3.05	3.17			2' ASPHALT LT.
5.796	-	5.829	174.24	2.00	4.00	522.72	5.59	5.81			ASPHALT RT.
5.787	-	5.832	237.60	2.00	4.00	712.80	7.62	7.92			ASPHALT LT.
5.829	-	5.846	89.76	4.00	4.00	359.04	3.84	3.99			4' ASPHALT RT.
5.832	-	5.847	79.20	4.00	4.00	316.80	3.39	3.52			4' ASPHALT LT.
5.853						224.90	2.40	2.50			MADISON AVE. LT.
5.853						254.60	2.72	2.83			MADISON AVE. RT.
5.860	-	5.926	348.48	4.00	4.00	1393.92	14.90	15.49			4' ASPHALT LT.
5.861	-	5.930	364.32	4.00	4.00	1457.28	15.58	16.19			4' ASPHALT RT.
5.936						334.60	3.58	3.72			JEFFERSON AVE. LT.
5.937						246.40	2.63	2.74			JEFFERSON AVE. RT.
5.943	-	5.953	52.80	4.00	4.00	211.20	2.26	2.35			4' ASPHALT RT.
5.953	-	5.982	153.12	4.00	5.20	704.35	7.53	7.83			ASPHALT LT.
5.984	-	6.030	242.88	4.50	4.50	1092.96	11.69	12.14			4.5' ASPHALT RT.
5.953	-	5.984	163.68	4.00	4.50	695.64	7.44	7.73			ASPHALT RT.
5.945	-	5.953	42.24	4.00	4.00	168.96	1.81	1.88			4' ASPHALT LT.
5.982	-	5.988	31.68	5.20	4.00	145.73	1.56	1.62			VAR. WIDTH ASPHALT LT.
5.988	-	6.030	221.76	4.00	4.00	887.04	9.48	9.86			4' ASPHALT LT.
6.037	-	6.080	227.04	5.50	5.50	1248.72	13.35	13.87			5.5' ASPHALT LT.
6.080	-	6.101	110.88	5.50	4.00	526.68	5.63	5.85			VAR. WIDTH ASPHALT LT.
6.037	-	6.046	47.52	13.50	13.50	641.52	6.86	7.13			13.5' ASPHALT RT.
6.046	-	6.058	63.36	13.50	4.00	554.40	5.93	6.16			VAR. WIDTH ASPHALT RT.
6.058	-	6.104	242.88	4.00	4.00	971.52	10.39	10.79			4' ASPHALT RT.
6.108						293.00	3.13	3.26			PARK AVE. LT.
6.108						207.80	2.22	2.31			PARK AVE. RT.
6.113	-	6.178	343.20	4.00	4.00	1372.80	14.68	15.25			4' ASPHALT RT.
6.116	-	6.178	327.36	4.00	4.00	1309.44	14.00	14.55			4' ASPHALT LT.
6.184						281.20	3.01	3.12			OAK AVE. LT.
6.184						254.70	2.72	2.83			OAK AVE. RT.
6.190	-	6.255	343.20	4.00	4.00	1372.80	14.68	15.25	10.41		4' ASPHALT, 1' GRAVEL RT.
6.191	-	6.253	327.36	4.00	4.00	1309.44	14.00	14.55			4' ASPHALT LT.
6.258						483.20	5.17	5.37			RINKER AVE. LT.
6.258						404.30	4.32	4.49			RINKER AVE. RT.
6.263	-	6.274	58.08	4.00	4.00	232.32	2.48	2.58			4' ASPHALT RT.
6.265	-	6.302	195.36	4.00	4.00	781.44	8.36	8.68			4' ASPHALT LT.
6.274	-	6.336	327.36	4.00	4.00	1309.44	14.00	14.55	9.93		4' ASPHALT, 1' GRAVEL RT.
6.342						521.10	5.57	5.79	0.18		S. GRIFFITH AVE. RT.
PAVEMENT SUBTOTAL 2							385.52	400.62	20.52	0.00	

SUMMARY OF QUANTITIES
SHEET 4 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026
ROUTE: BUS60 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: LAWRENCE
JOB NO.: JSR0022
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 QUANTITIES

LOG MILE	TO	LOG MILE	LENGTH LF	WIDTH BEGIN FT	WIDTH END FT	SURFACE AREA SF	1 3/4" SP095C (PG70-22) TONS	NON-TRACKING TACK COAT GAL.	GRAVEL A OR CRUSHED STONE B TONS	FOG SEAL 0.2 GAL./S.Y. GALLONS	REMARKS
6.343						302.40	3.23	3.36			CONCRETE ENTRANCE LT.
6.347	-	6.382	184.80	4.00	4.00	739.20	7.90	8.21			4' ASPHALT RT.
6.396						222.70	2.38	2.47	0.29		GRAVEL ENTRANCE LT.
6.405						211.40	2.26	2.35			ASPHALT ENTRANCE LT.
6.426						231.10	2.47	2.57			ASPHALT ENTRANCE LT.
6.425						638.00	6.82	7.09			PORTER AVE. RT.
6.431	-	6.498	353.76	4.00	4.00	1415.04	15.13	15.72	10.73		4' ASPHALT, 1' GRAVEL RT.
6.431	-	6.512	427.68	2.00	2.00	855.36	9.15	9.50	6.49		2' ASPHALT 1' GRAVEL LT.
6.505						621.10	6.64	6.90			S. HUDSON AVE. RT.
6.619						116.60	1.25	1.30	0.38		GRAVEL ENTRANCE LT.
6.658						256.30	2.74	2.85			ASPHALT ENTRANCE LT.
6.663						618.20	6.61	6.87			SYCAMORE ST. ASPHALT RT.
6.683						268.80	2.87	2.99			CONCRETE ENTRANCE RT.
6.704						273.10	2.92	3.03			CONCRETE ENTRANCE RT.
6.726						596.40	6.38	6.63			S. SPRUCE ST. ASPHALT RT.
6.740						247.50	2.65	2.75			ASPHALT ENTRANCE LT.
6.767						157.00	1.68	1.74	0.54		GRAVEL ENTRANCE LT.
6.768						180.00	1.92	2.00			MAILBOX TURNOUT RT.
6.805						248.70	2.66	2.76			ASPHALT ENTRANCE RT.
6.812						75.60	0.81	0.84			MAILBOX TURNOUT RT.
6.817						111.90	1.20	1.24			ASPHALT ENTRANCE RT.
6.820						78.70	0.84	0.87	0.25		GRAVEL ENTRANCE LT.
6.822						119.80	1.28	1.33			MAILBOX TURNOUT RT.
6.838						111.70	1.19	1.24			ASPHALT ENTRANCE RT.
6.842						110.40	1.18	1.23			MAILBOX TURNOUT RT.
6.865						304.10	3.25	3.38			ASPHALT ENTRANCE RT.
6.901						275.30	2.94	3.06			ASPHALT ENTRANCE RT.
6.913						78.30	0.84	0.87	0.25		GRAVEL ENTRANCE LT.
6.929						63.70	0.68	0.71	0.20		GRAVEL ENTRANCE RT.
6.942						67.10	0.72	0.75	0.22		GRAVEL ENTRANCE RT.
6.949						114.20	1.22	1.27	0.38		GRAVEL ENTRANCE LT.
6.975						102.10	1.09	1.13	0.33		GRAVEL ENTRANCE LT.
6.994						198.20	2.12	2.20			MAILBOX TURNOUT RT.
7.006						550.20	5.88	6.11			LAWRENCE 1200 RT.
7.006						1118.30	11.96	12.43			WOLF RD. ASPHALT LT.
7.035						156.40	1.67	1.74			ASPHALT ENTRANCE LT.
7.052						180.00	1.92	2.00			MAILBOX TURNOUT RT.
7.054						71.00	0.76	0.79	0.23		GRAVEL ENTRANCE LT.
7.082						102.40	1.09	1.14			ASPHALT ENTRANCE RT.
7.085						102.70	1.10	1.14			MAILBOX TURNOUT RT.
7.109						180.00	1.92	2.00			MAILBOX TURNOUT RT.
7.109						57.30	0.61	0.64	0.18		GRAVEL ENTRANCE LT.
7.135						68.50	0.73	0.76	0.21		GRAVEL ENTRANCE RT.
7.139						131.00	1.40	1.46			MAILBOX TURNOUT RT.
7.162						236.70	2.53	2.63			ASPHALT ENTRANCE RT.
7.167						491.40	5.25	5.46			CONCRETE ENTRANCE LT.
7.169						103.50	1.11	1.15			MAILBOX TURNOUT RT.
7.203						246.90	2.64	2.74			ASPHALT ENTRANCE LT.
7.203						258.20	2.76	2.87			CONCRETE ENTRANCE RT.
7.207	-	8.003	4202.88	10.00	10.00	42028.80				934	EXIST. LT. SHOULDER
7.207	-	7.860	3447.84	10.00	10.00	34478.40				766	EXIST. RT. SHOULDER
7.906	-	8.003	512.16	10.00	10.00	5121.60				114	EXIST. RT. SHOULDER
4.437	-	7.207	14625.60				207.75				IRREGULARITIES
						PAVEMENT SUBTOTAL 3	358.10	156.27	20.68	1814.00	
						PAVEMENT SUBTOTAL 2	385.52	400.62	20.52	0.00	
						PAVEMENT SUBTOTAL 1	4225.45	4375.78	2.85	0.00	
						TOTALS	4969.07	4932.67	44.05	1814.00	
						USE	4969.1	4933	44	1814	

NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.

SUMMARY OF QUANTITIES
SHEET 5 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026
ROUTE: BUS60 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: LAWRENCE
JOB NO.: JSR0022
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 (PAINT)

LOG MILE	TO	LOG MILE	LENGTH LF	6" WHITE SOLID LF	12" WHITE SOLID LF	4" YELLOW SOLID LF	4" YELLOW INT LF	REMARKS
4.437	-	4.583	770.88			1541.76		DOUBLE YELLOW C/L
4.437	-	4.685	1309.44	1309.44				LT. EDGE LINE
4.712	-	4.969	1356.96	1356.96				LT. EDGE LINE
4.437	-	4.967	2798.40	2798.40				RT. EDGE LINE
4.583	-	4.687	549.12			1098.24		DOUBLE YELLOW LT. SIDE
4.583	-	4.662	417.12			834.24		DOUBLE YELLOW RT. SIDE
4.673	-	4.687	73.92	73.92				LT. TURN LANE LINE, E.B.
4.687	-	4.693	31.68		116.00			ISLAND MARKING (TERRACE DR.)
4.698	-	4.705	36.96		106.00			ISLAND MARKING (TERRACE DR.)
4.705	-	4.734	153.12	153.12				RT. TURN LANE LINE, W.B.
4.702	-	4.717	79.20	79.20				LT. TURN LANE LINE, W.B.
4.702	-	4.782	422.40			844.80		DOUBLE YELLOW RT. SIDE
4.731	-	4.782	269.28			538.56		DOUBLE YELLOW LT. SIDE
4.782	-	4.967	976.80			1953.60		DOUBLE YELLOW C/L
4.984	-	5.521	2835.36			5670.72		DOUBLE YELLOW C/L
4.984	-	5.521	2835.36	2835.36				LT. EDGE LINE
4.988	-	5.521	2814.24	2814.24				RT. EDGE LINE
5.534	-	5.576	221.76			443.52		DOUBLE YELLOW C/L
5.534	-	5.576	221.76	221.76				LT. EDGE LINE
5.534	-	5.576	221.76	221.76				RT. EDGE LINE
5.589	-	5.744	818.40	818.40				LT. EDGE LINE
5.589	-	5.744	818.40	818.40				RT. EDGE LINE
5.589	-	5.676	459.36			918.72		DOUBLE YELLOW C/L
5.676	-	5.714	200.64			401.28		DOUBLE YELLOW RT. SIDE
5.676	-	5.744	359.04			718.08		DOUBLE YELLOW LT. SIDE
5.726	-	5.744	95.04	95.04				LT. TURN LANE LINE, E.B.
5.760	-	6.010	1320.00	1320.00				LT. EDGE LINE
5.760	-	6.030	1425.60	1425.60				RT. EDGE LINE
5.760	-	5.832	380.16			760.32		DOUBLE YELLOW RT. SIDE
5.760	-	5.777	89.76	89.76				LT. TURN LANE LINE, W.B.
5.787	-	5.832	237.60			475.20		DOUBLE YELLOW LT. SIDE
5.832	-	5.953	638.88			1277.76		DOUBLE YELLOW C/L
5.953	-	5.982	153.12			306.24		DOUBLE YELLOW RT. SIDE
5.953	-	6.017	337.92			675.84		DOUBLE YELLOW LT. SIDE
5.995	-	6.024	153.12	153.12				THRU LANE LINE, E.B.
6.019	-	6.030		72.00				ISLAND MARKING (ROUTE 39)
6.037	-	7.207	6177.60	6177.60				LT. EDGE LINE
6.037	-	7.207	6177.60	6177.60				RT. EDGE LINE
6.041	-	6.067	137.28	137.28				LT. TURN LANE LINE, W.B.
6.051	-	6.101	264.00			528.00		DOUBLE YELLOW RT. SIDE
6.079	-	6.101	116.16			232.32		DOUBLE YELLOW LT. SIDE
6.101	-	6.190	469.92			939.84		DOUBLE YELLOW C/L
6.190	-	6.356	876.48			876.48	219.12	C/L, SOLID YELLOW LT., INT. YELLOW RT.
6.356	-	6.965	3215.52				803.88	C/L, INT. YELLOW
6.965	-	7.132	881.76			881.76	220.44	C/L, INT. YELLOW LT., SOLID YELLOW RT.
7.132	-	7.207	396.00			792.00		DOUBLE YELLOW C/L
7.207	-	8.003	4202.88	4202.88				LT. EDGE LINE
7.207	-	8.003	4202.88	4202.88				RT. EDGE LINE
7.207	-	7.577	1953.60			3907.20		DOUBLE YELLOW C/L
7.577	-	7.787	1108.80			1108.80	277.20	C/L, SOLID YELLOW LT., INT. YELLOW RT.
7.787	-	7.907	633.60				158.40	C/L, INT. YELLOW
7.907	-	8.003	506.88			1013.76		DOUBLE YELLOW C/L
			TOTAL	37554.72	222.00	28739.04	1679.04	
			USE	37555	222	30418		

SUMMARY OF QUANTITIES
SHEET 6 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
LAWRENCE

JOB NO.
JSR0022

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)

PAVEMENT MARKING (PREFORMED THERMOPLASTIC)

LOG MILE	TO	LOG MILE	LENGTH LF	24" WHITE LF	24" YELLOW LF	ARROW LEFT EA	ARROW RIGHT EA	ARROW STRAIGHT/RT. EA	REMARKS
4.583	-	4.662			67.00				CROSS HATCHING, C/L
4.673						1			LT. TURN LANE, E.B. (TERRACE DR.)
4.717						1			LT. TURN LANE, W.B. (TERRACE DR.)
4.720							1		RT. TURN LANE, W.B. (TERRACE DR.)
4.734							1		RT. TURN LANE, W.B. (TERRACE DR.)
4.731	-	4.782			50.00				CROSS HATCHING, C/L
4.967				24.00					STOP BAR, E.B. (CARNATION AVE.)
4.984				12.00					STOP BAR, W.B. (CARNATION AVE.)
5.522				30.00					5 - 24" MIDBLOCK, PED. CROSSWALK, WEST SIDE LINCOLN AVE.
5.533				30.00					5 - 24" MIDBLOCK, PED. CROSSWALK, EAST SIDE LINCOLN AVE.
5.577				30.00					5 - 24" MIDBLOCK, PED. CROSSWALK, WEST SIDE HARRISON AVE.
5.589				30.00					5 - 24" MIDBLOCK, PED. CROSSWALK, EAST SIDE HARRISON AVE.
5.649				30.00					5 - 24" MIDBLOCK, PED. CROSSWALK, WEST SIDE ADAMS AVE.
5.676	-	5.714			42.00				CROSS HATCHING, C/L
5.730						1			LT. TURN LANE, E.B. (WASHINGTON AVE.)
5.745				42.00					7 - 24" MIDBLOCK, PED. CROSSWALK, WEST SIDE (WASHINGTON AVE.)
5.760				42.00					7 - 24" MIDBLOCK, PED. CROSSWALK, EAST SIDE (WASHINGTON AVE.)
5.774						1			LT. TURN LANE, W.B. (WASHINGTON AVE.)
5.787	-	5.829			42.00				CROSS HATCHING, C/L
5.847				30.00					5 - 24" MIDBLOCK, PED. CROSSWALK, EAST SIDE MADISON AVE.
5.929				30.00					5 - 24" MIDBLOCK, PED. CROSSWALK, WEST SIDE JEFFERSON AVE.
5.943				30.00					5 - 24" MIDBLOCK, PED. CROSSWALK, EAST SIDE JEFFERSON AVE.
5.953	-	5.982			27.00				CROSS HATCHING, C/L
5.971	-	5.999		23.00					CROSS HATCHING. LT. SIDE
6.003						1			LT. TURN LANE, E.B. (ROUTE 39)
6.003								1	RT./THRU LANE, E.B. (ROUTE 39)
6.028				54.00					9 - 24" MIDBLOCK, PED. CROSSWALK, WEST SIDE ROUTE 39
6.011	-	6.021		13.00					CROSS HATCHING. RT. SIDE
6.017				12.00					STOP BAR, E.B. LT. TURN LANE (ROUTE 39)
6.024				12.00					STOP BAR, E.B. THRU/RT. TURN LANE (RTE. 39)
6.039				66.00					11 - 24" MIDBLOCK, PED. CROSSWALK, EAST SIDE ROUTE 39
6.041				12.00					STOP BAR, W.B. THRU/RT. TURN LANE (ROUTE 39)
6.051				12.00					STOP BAR, W.B. LT. TURN LANE (RTE. 39)
6.043	-	6.053		31.00					CROSS HATCHING RT. SIDE
6.043	-	6.080		39.00					CROSS HATCHING LT. SIDE
6.065						1			LT. TURN LANE, W.B. (ROUTE 39)
6.065								1	RT./THRU LANE, W.B. (ROUTE 39)
6.079	-	6.101			22.00				CROSS HATCHING, C/L
6.103				54.00					9 - 24" MIDBLOCK, PED. CROSSWALK, WEST SIDE PARK AVE.
6.178				42.00					7 - 24" MIDBLOCK, PED. CROSSWALK, WEST SIDE OAK AVE.
			TOTAL	730.00	250.00	6	2	2	
			USE	730	250	8		2	

DROP INLET

LOG MILE	LOCATION	INLET SIZE (LF) WIDTH	INLET SIZE (LF) LENGTH	CURVED VANE GRATE AND FRAME EA	ADJUST EX. INLET EA.	DESCRIPTION
6.041	SE CORNER RTE. 39/BUS. RTE. 60	4	2	1	1	REMOVE EXIST. INLET COVER,
						AND ADJUST EXIST. BOX AND REPLACE
			TOTAL	1	1	
			USE	1	1	

SUMMARY OF QUANTITIES
SHEET 7 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED 9/29/2026
ROUTE BUS60 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY LAWRENCE
JOB NO. JSR0022
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)
WO4-2R	48X48	16.00	2	32.00				LANE ENDS (FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	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	8	128.00				UNEVEN LANES
WO8-12	48X48	16.00	6	96.00				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	45	720.00				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	10	160.00				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						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	10	160.00				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	4	8.76				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	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	4	35.00				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	54	81.00				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 2-25, 2-35, 2-45, 2-55
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	2	12.50				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						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
	1719

616-10.10 RELOCATED SIGNS	TOTAL

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 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	400	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030	2	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 WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		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

SUMMARY OF QUANTITIES
SHEET 8 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:47 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026

ROUTE	STATE
BUS60	MO

DISTRICT	SHEET NO.
SW	3

COUNTY: LAWRENCE

JOB NO.: JSR0022

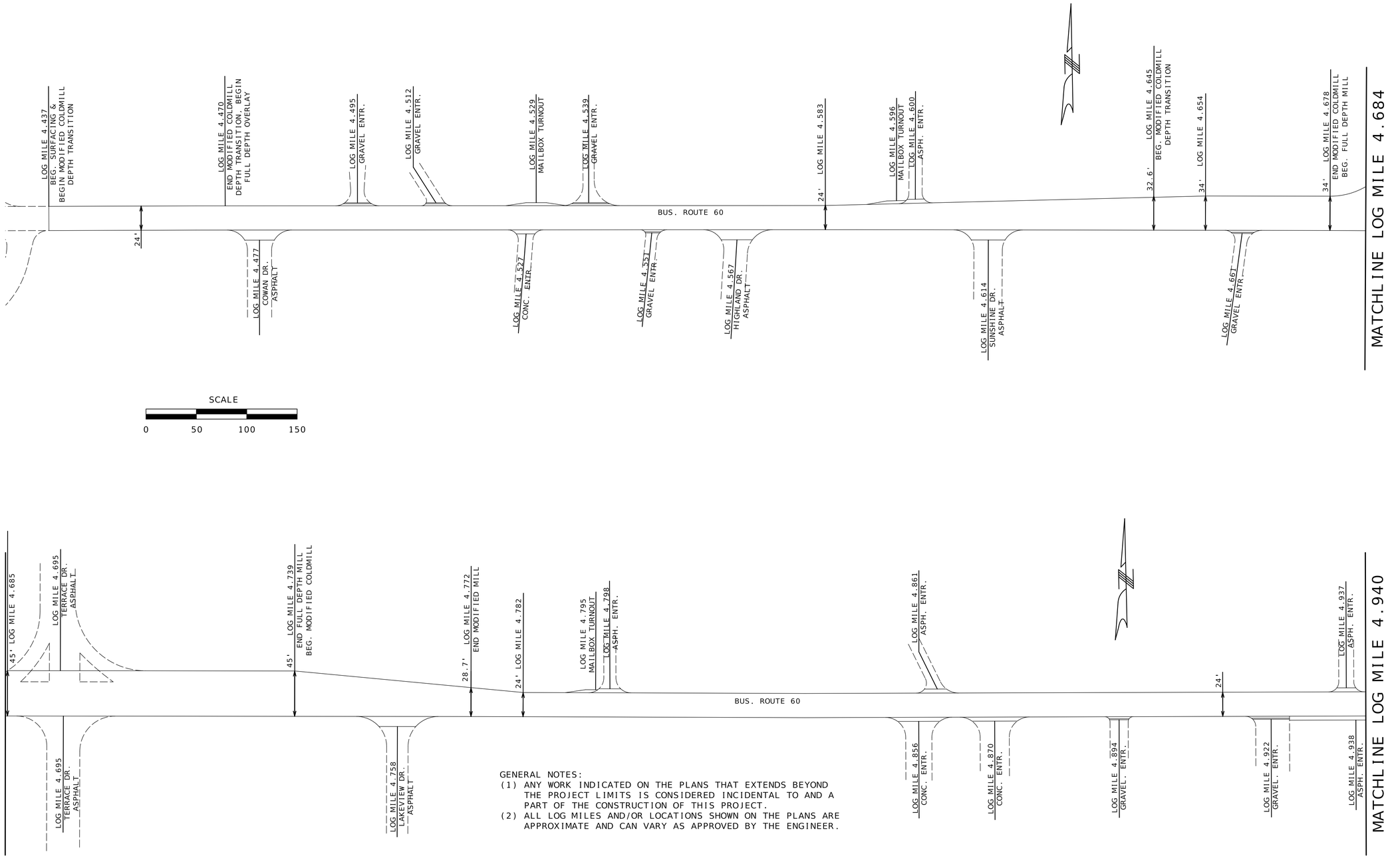
CONTRACT ID.:

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)



GENERAL NOTES:

(1) 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.

(2) ALL LOG MILES AND/OR LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY THE ENGINEER.

PLAN SHEET
BUS. ROUTE 60
SHEET 1 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:47 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

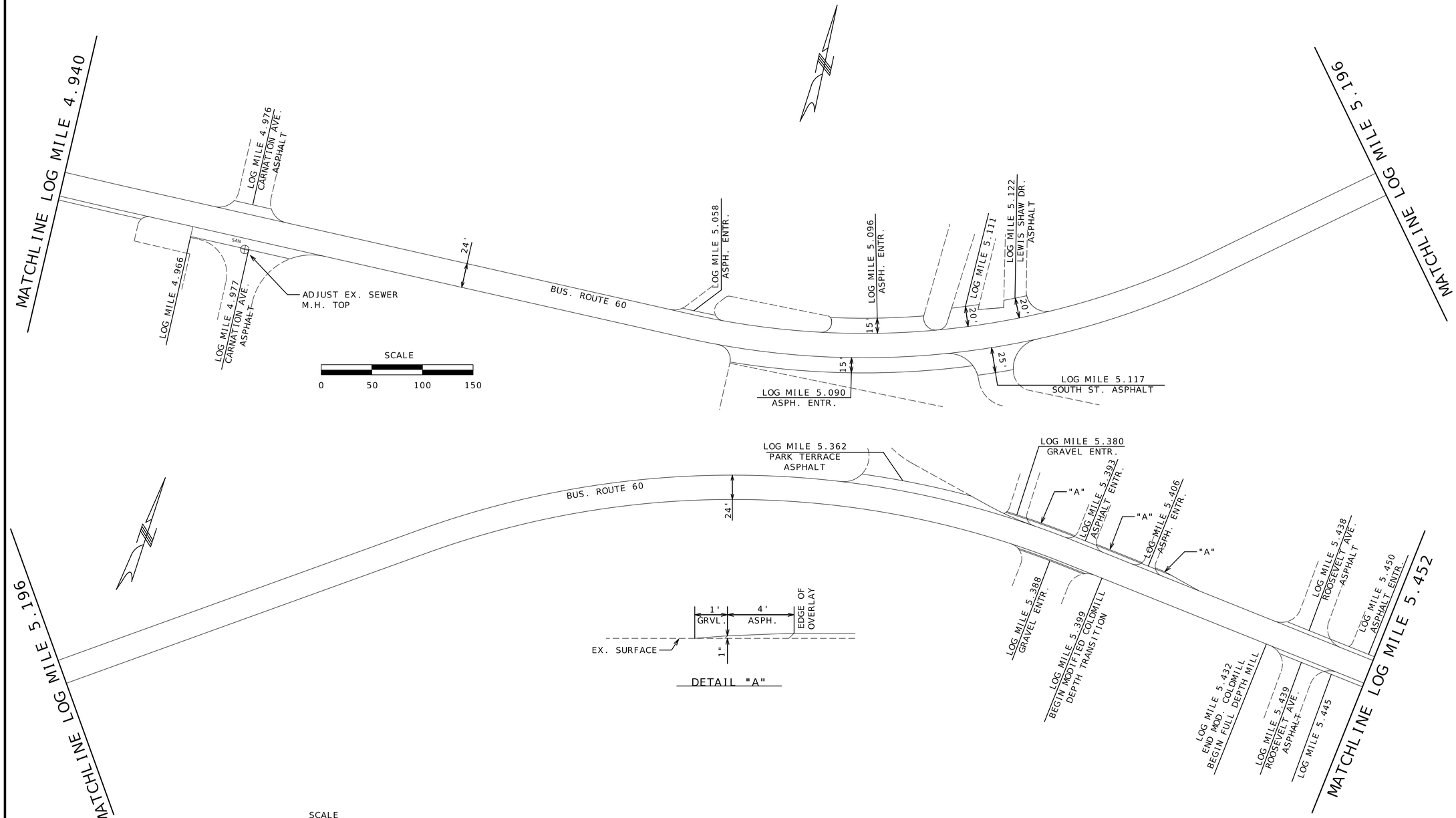
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



PLAN SHEET
BUS. ROUTE 60
SHEET 2 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:15:39 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/3/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

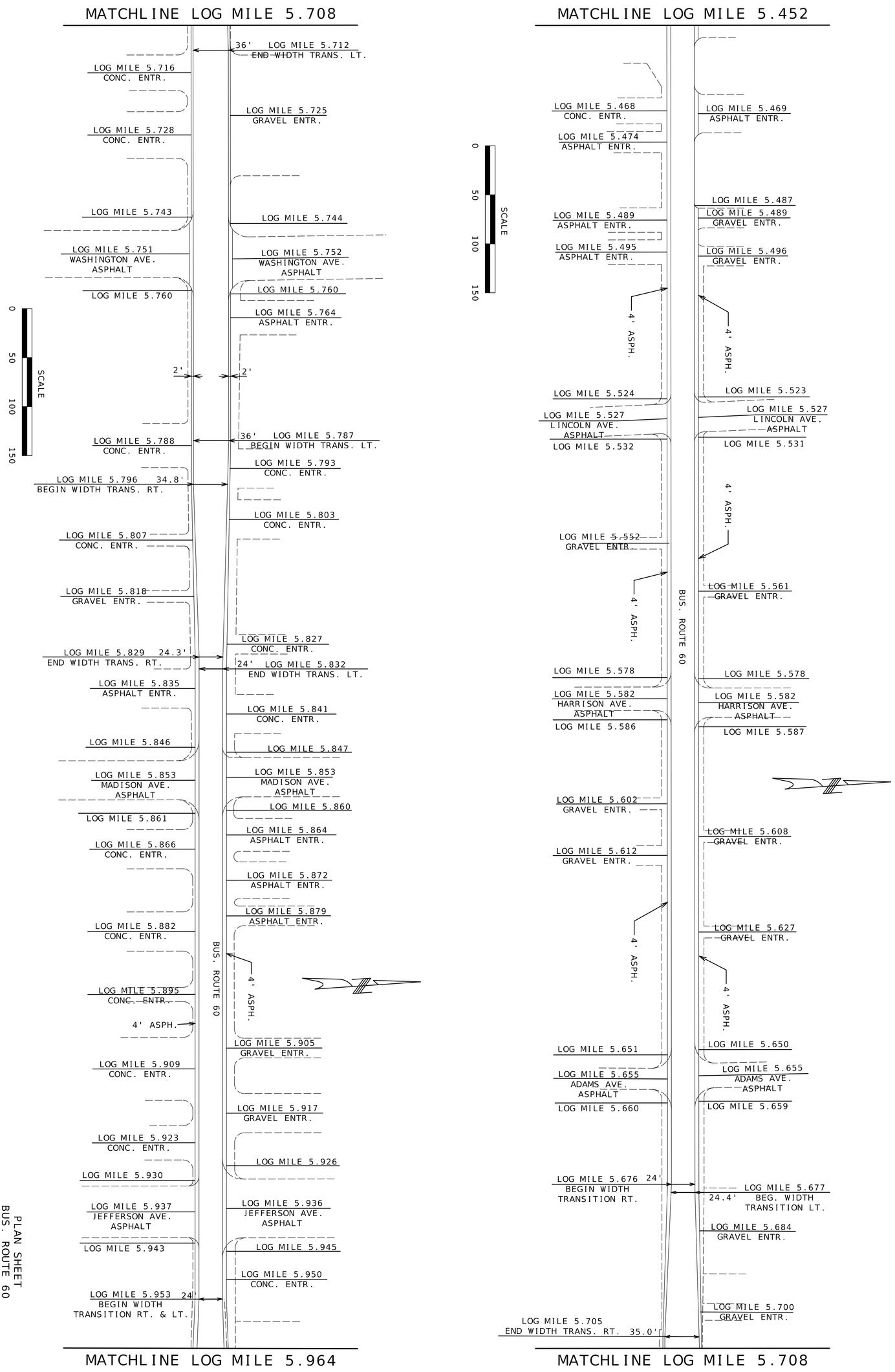
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. JSR0022

JOB NO. JSR0022

COUNTY LAWRENCE

DISTRICT SW

SHEET NO. 6

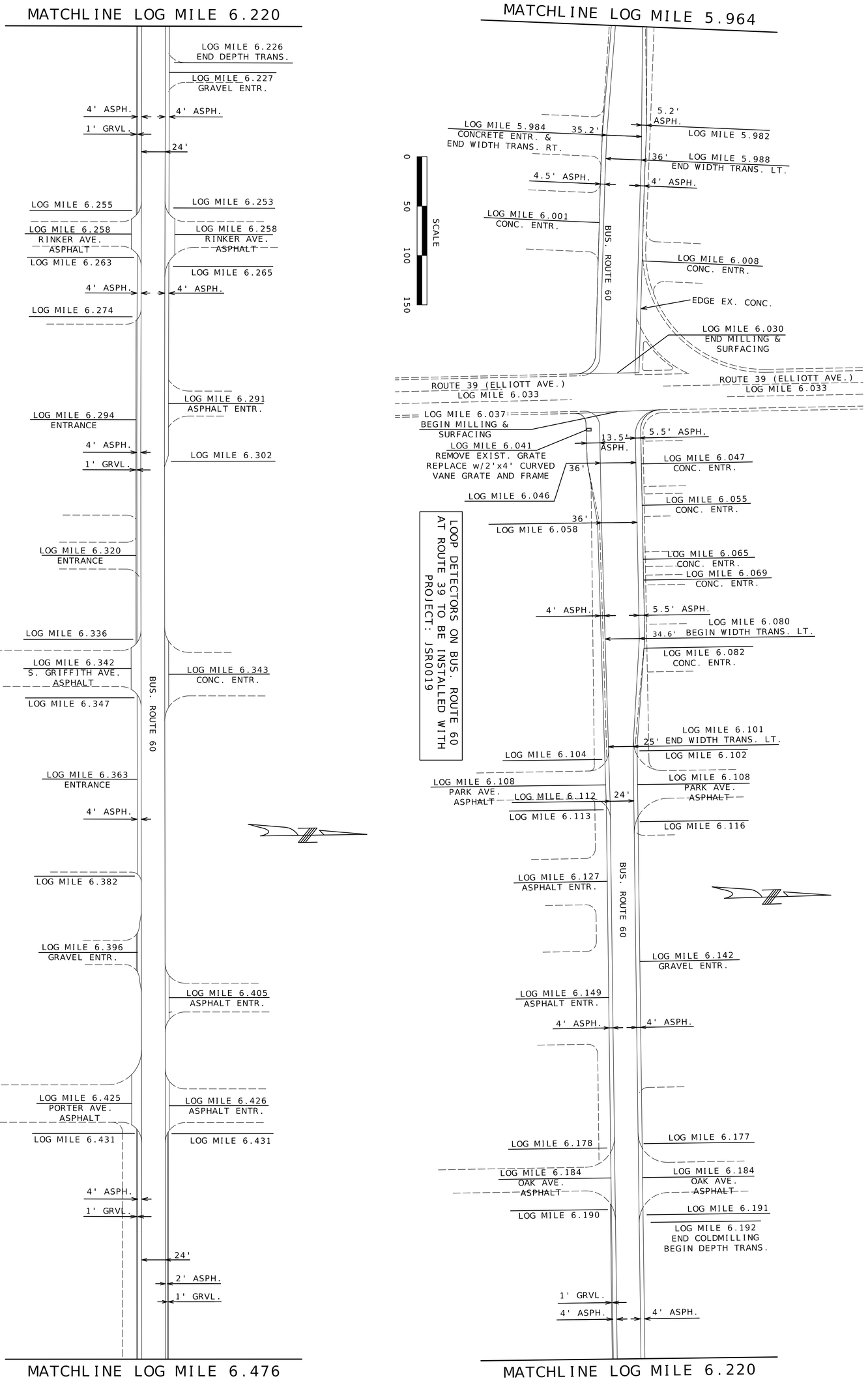
ROUTE BUS60

STATE MO

DATE PREPARED 8/3/2026

STATE OF MISSOURI
CRAIG ALAN SHUMATE
NUMBER PE-2009015045
PROFESSIONAL ENGINEER

Craig Shumate
Digitally signed by Craig Shumate
Date: 2026.03.10 13:39:39 -05'00'
COA: MO-PE-2009015045



PLAN SHEET
BUS. ROUTE 60
SHEET 4 OF 8

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.
JOB NO.
JSR0022

COUNTY
LAWRENCE

DISTRICT
SW

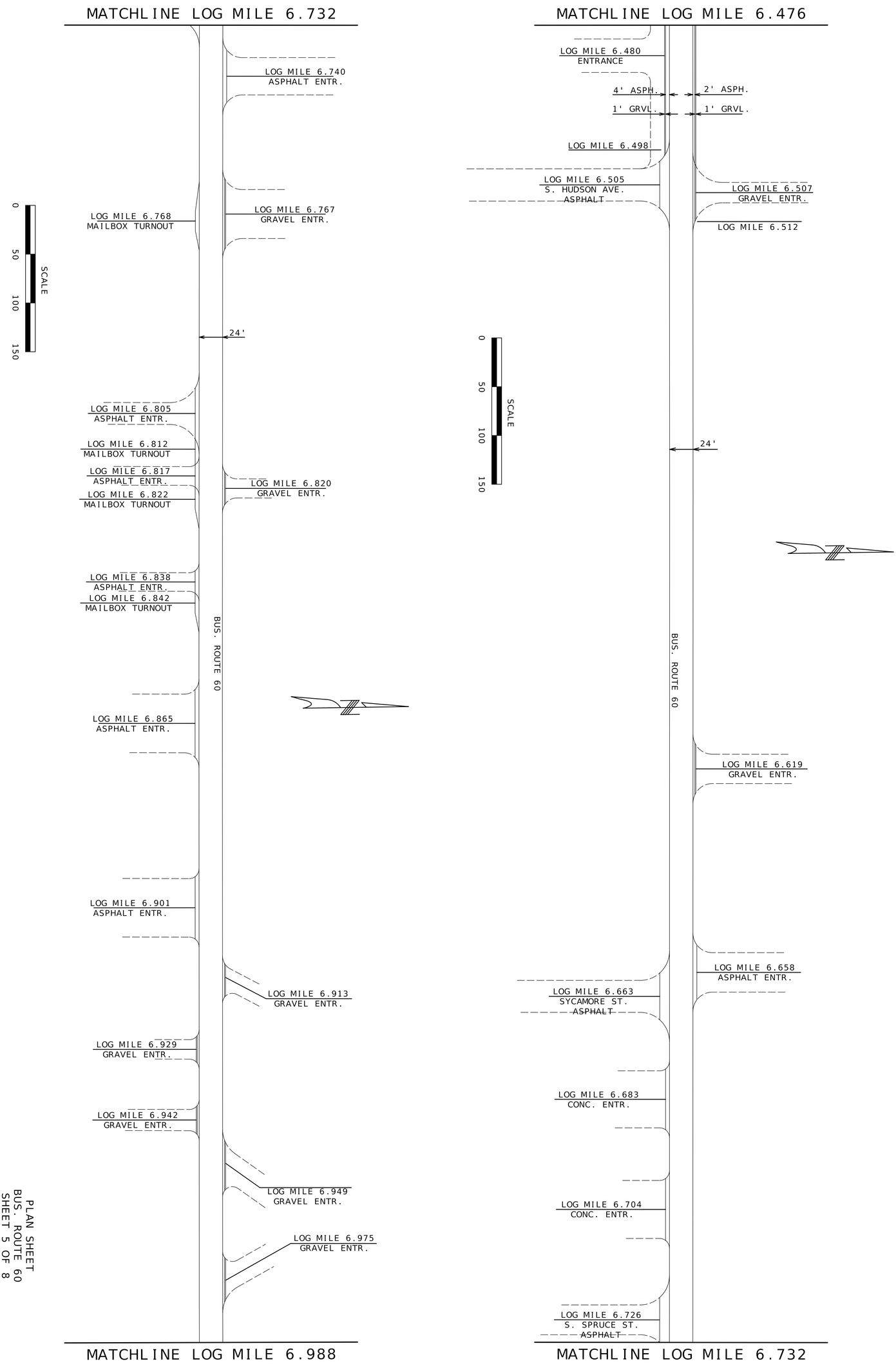
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ROUTE
BUS60

STATE
MO

DATE PREPARED
8/10/2026

STATE OF MISSOURI
CRAIG ALAN SHUCKER
NUMBER PE-2009015045
PROFESSIONAL ENGINEER



PLAN SHEET
BUS. ROUTE 60
SHEET 5 OF 8

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.
JOB NO.
JSR0022

COUNTY
LAWRENCE

DISTRICT
SW

SHEET NO.
8

ROUTE
BUS60

STATE
MO

DATE PREPARED
8/3/2026

STATE OF MISSOURI
CRAIG ALAN SHIELDS
NUMBER PE-2009015045
PROFESSIONAL ENGINEER

Craig Shields
Digitally signed by Craig Shields
Date: 2026.03.03 10:13:39 PM
COMMONWEALTH OF PENNSYLVANIA
MODPE-2009015045

MATCHLINE LOG MILE 6.988

SCALE

0 50 100 150

PLAN SHEET
BUS. ROUTE 60
SHEET 6 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

08/10/2026 10:15:38 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/3/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

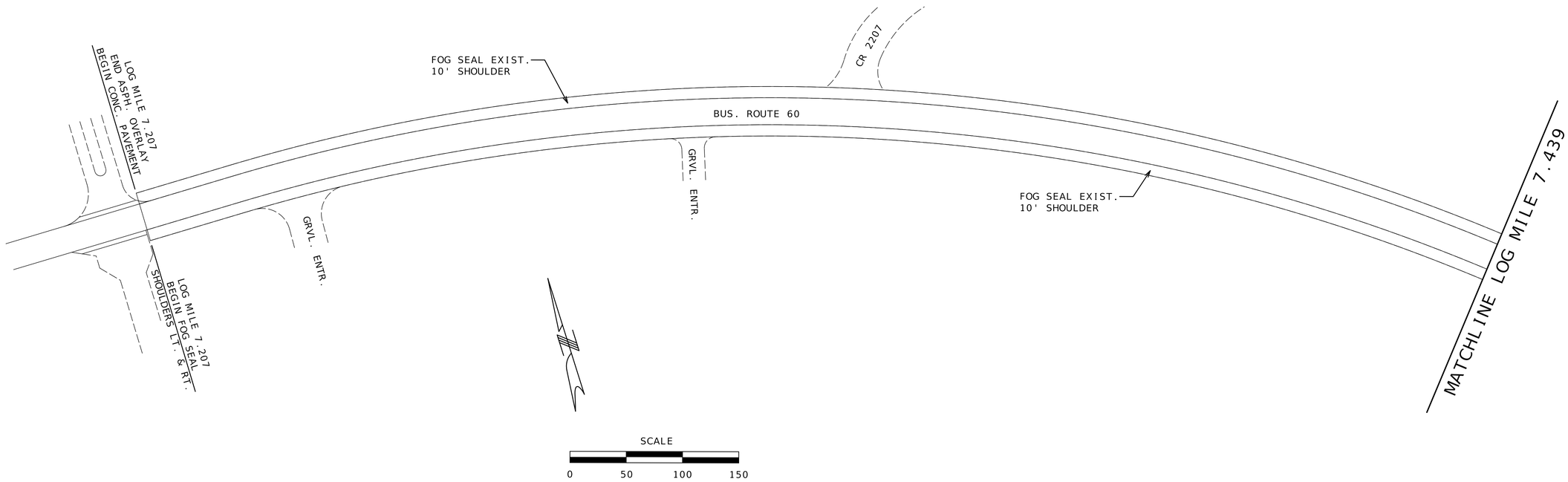
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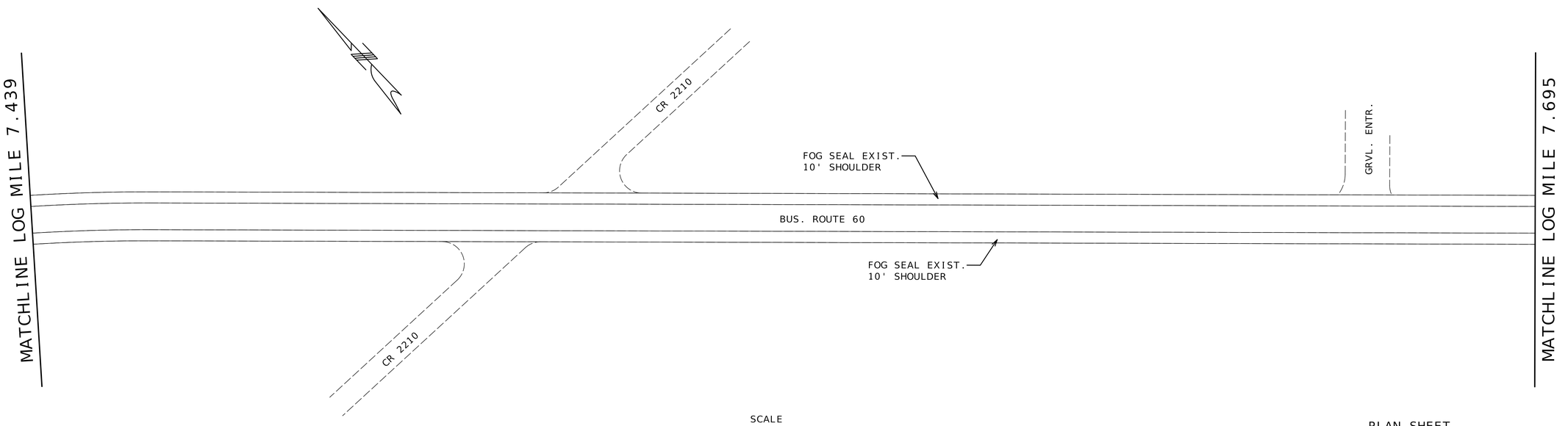
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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





PLAN SHEET
BUS. ROUTE 60
SHEET 7 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
08/10/2026 10:15:39 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
8/3/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

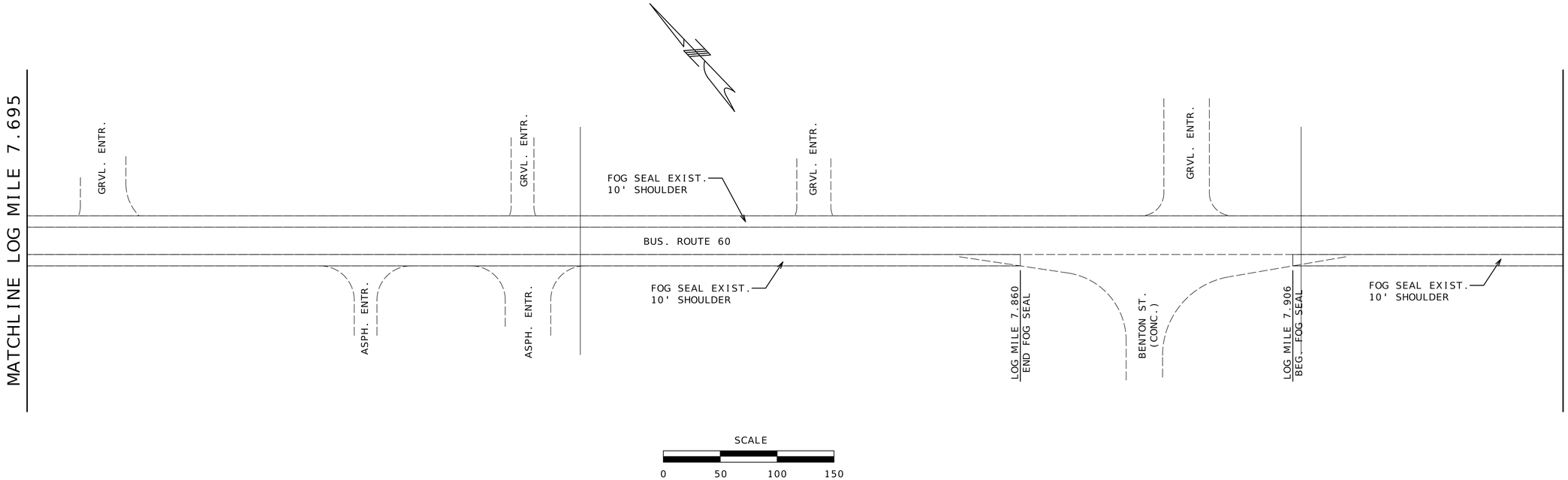
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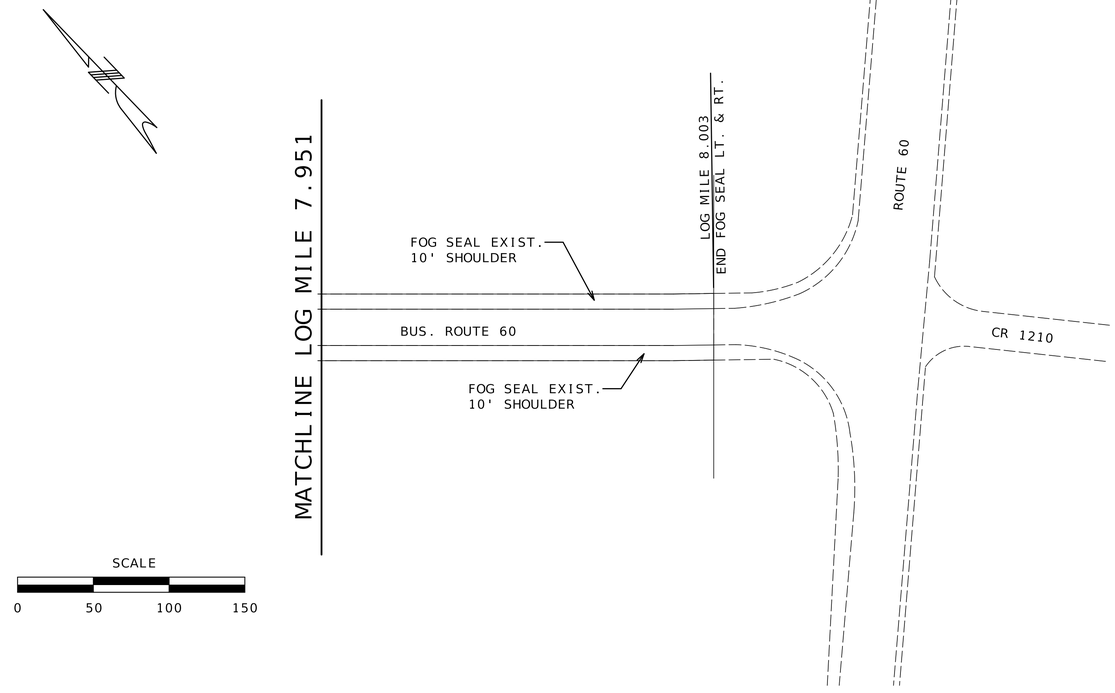
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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





PLAN SHEET
BUS. ROUTE 60
SHEET 8 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:47 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

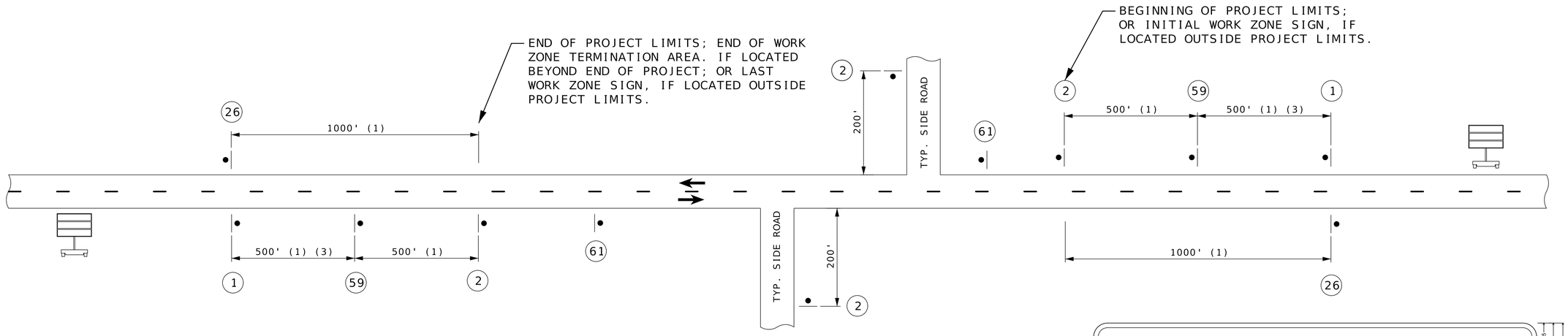
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 2/19/2026

GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. 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.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS 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.
10. 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.
11. 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.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.
16. CONTRACTOR SHALL COORDINATE WITH ADA PROJECT, JXXXXXX.



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

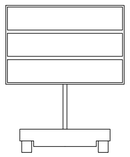
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.

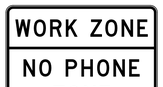
(3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

(5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED



(4)



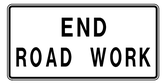
CONST-8

59 (3)



GO20-1

1 (5)



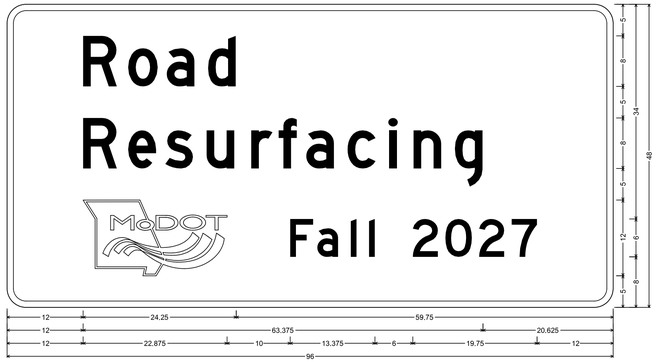
GO20-2

26 (5)



WO20-1

2



CONST-5 SH-FLAT SHEET:
3.000" Radius, 1.000" Border, White on, Green; "Road", D; "Resurfacing", D; "Fall 2027", D;
Table of letter and object lefts

R 12.000	o 19.125	a 25.250	d 31.875

P 12.000	e 19.125	s 25.000	u 31.625	r 38.625	f 43.000	a 47.375	c 53.875	i 60.500	n 64.375	g 70.875	
12.000	F 44.875	a 49.125	l 54.500	l 57.375	2 64.250	0 69.375	2 74.750	7 79.875			

CONST-5-96

61 (2)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:47 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026

ROUTE	STATE
BUS60	MO

DISTRICT	SHEET NO.
SW	12

COUNTY: LAWRENCE

JOB NO.: JSR0022

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: 2/19/2026



WO20-1

(2)



WO20-4

(7)



WO20-7a

(8)

GO20-5aP



R2-1

(54)
(4)

(25, 35, 45)

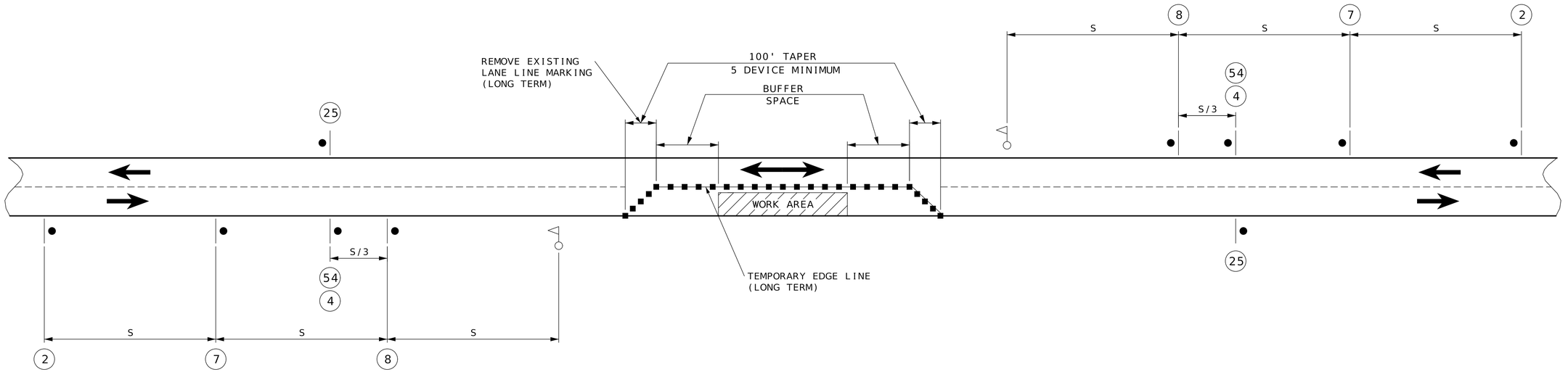


R2-1

(25)

(NORMAL SPEED)
(35, 45, 55)

NOTE:
EXISTING SPEED LIMIT WEST OF THE BEGINNING OF THE PROJECT AT COWAN DRIVE, 55 MPH.
EXISTING SPEED LIMIT FROM COWAN DRIVE TO CARNARTION DRIVE, 45 MPH.
EXISTING SPEED LIMIT FROM CARNATION DRIVE TO HUDSON DRIVE, 35 MPH.
EXISTING SPEED LIMIT FROM HUDSON DRIVE TO WEST OF CR 2207, 45 MPH.
EXISTING SPEED LIMIT FROM WEST OF CR 2207 TO THE END OF PROJECT, 55 MPH.



NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL.
THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE. NO DIRECT PAY.

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)	OPTIONAL
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	BUFFER/ WORK AREAS	BUFFER LENGTH (FT)
0-35	200	40	250
40-45	350	80	360
50-55	500	80	495
60-70	1000	120	730

SPACING NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

• SIGN (SINGLE SIDED)

FLAGGER

■ CHANNELIZER

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:47 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

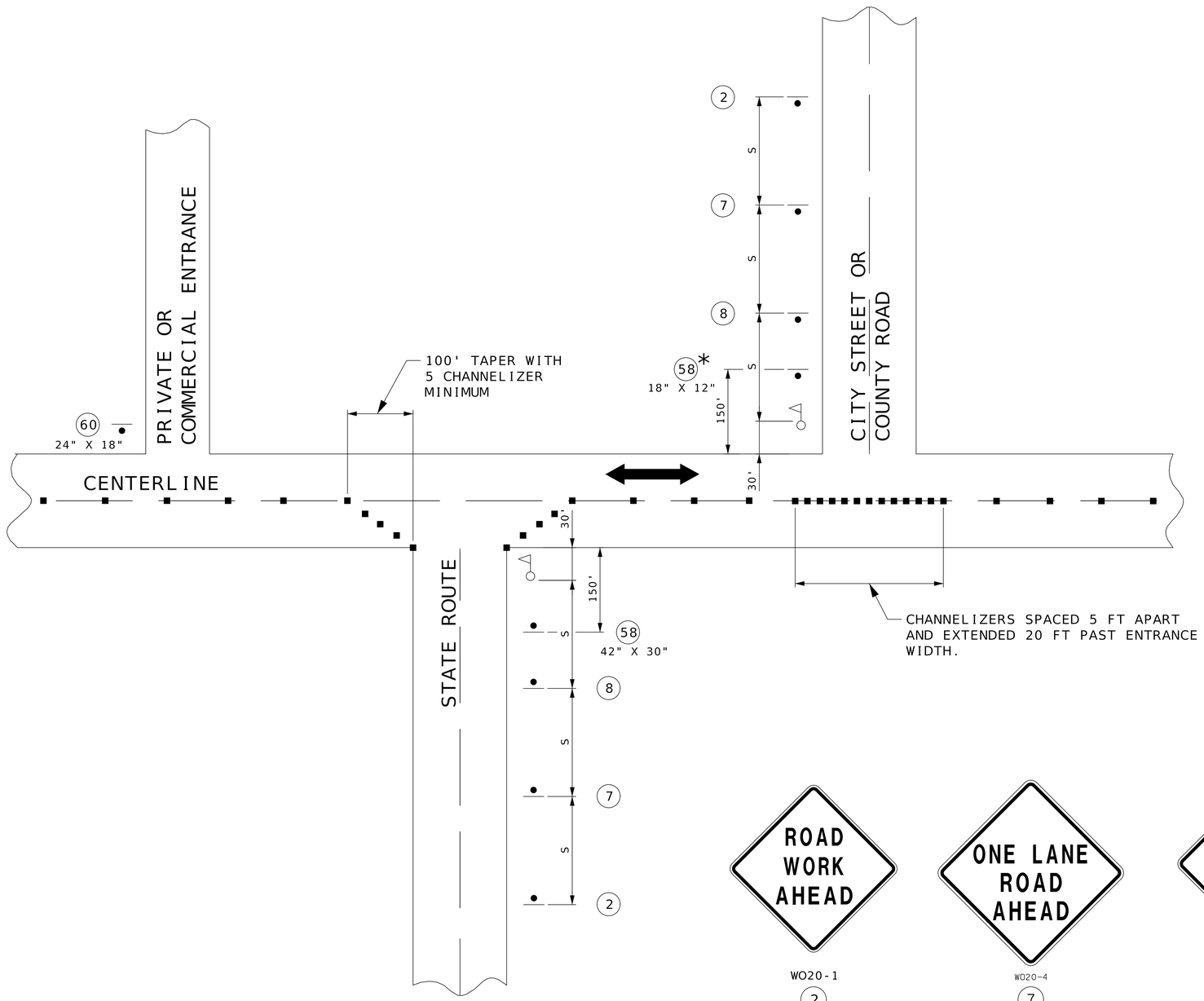
DESCRIPTION

DATE

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

REVISED: 2/19/2026

SIDE ROADS ENTERING WORK ZONES



SPEED	SIGN SPACING (FT.)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER WORK AREA
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

- • SIGN (SINGLE SIDED)
- FLAGGER
- ■ CHANNELIZER

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).



GO20-4a

58

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).



24" X 18"

60

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

WO20-1

2

WO20-4

7



WO20-7a

8

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:47 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
LAWRENCE

JOB NO.
JSR0022

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: 4/2/2026



WO20-1

2



WO20-4

7



WO20-7a

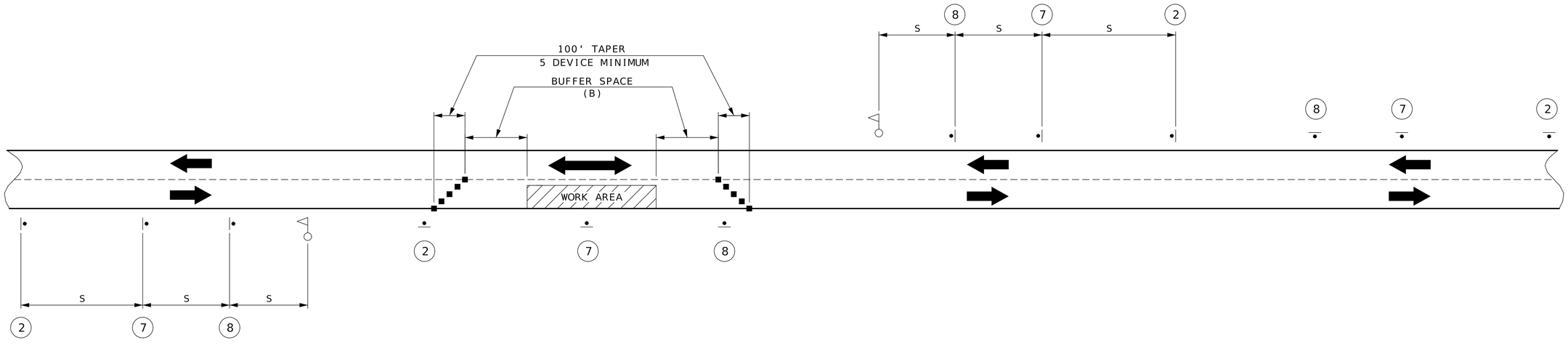
8



GO20-4

57

SIGN 57, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

NOTES:
THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC). SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

• SIGN (SINGLE SIDED)

FLAGGER

■ CHANNELIZER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT) (B)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

SPACING NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

MOVING FLAGGER OPERATION
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 7



09/29/2026 12:50:47 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

PROJECT NO.

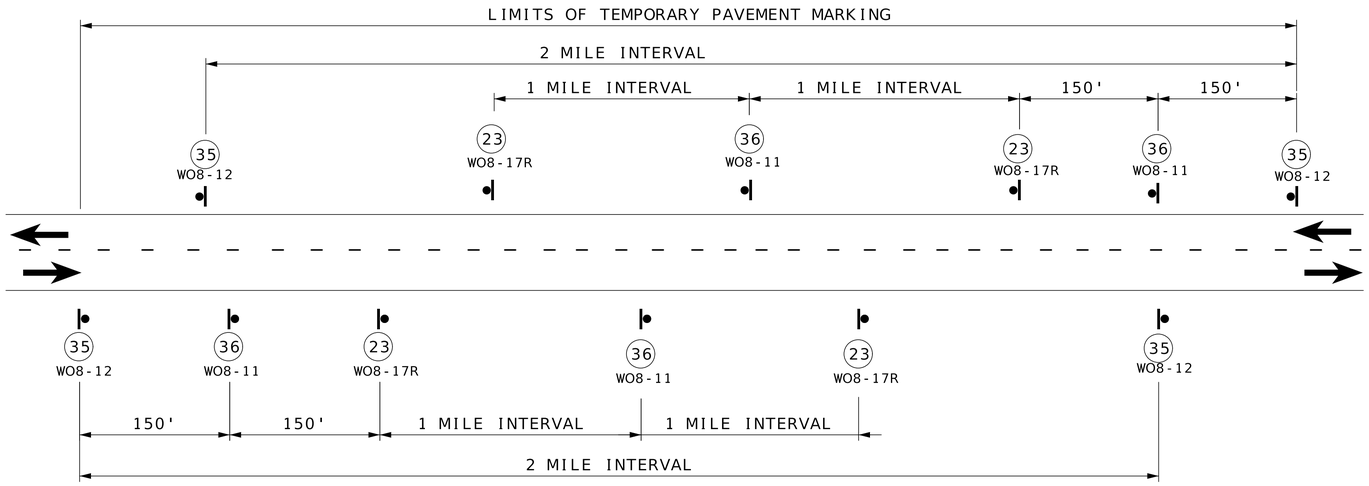
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

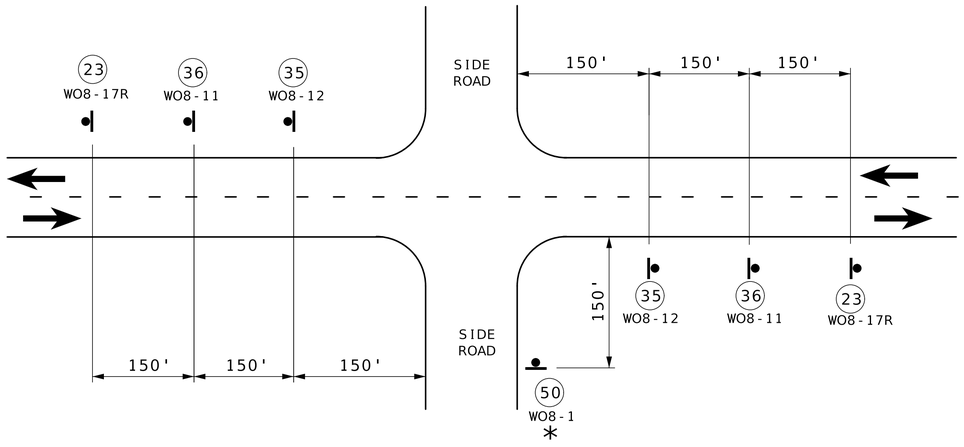
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 2/19/2026



SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.



SIGN SPACING AT STATE ROUTE INTERSECTIONS

* BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.



SHOULDER DROP-OFF

WO8-17R
WO8-17p
(23)



WO8-1
(50) *



WO8-11
(36)



WO8-12
(35)

GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35) , THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 7

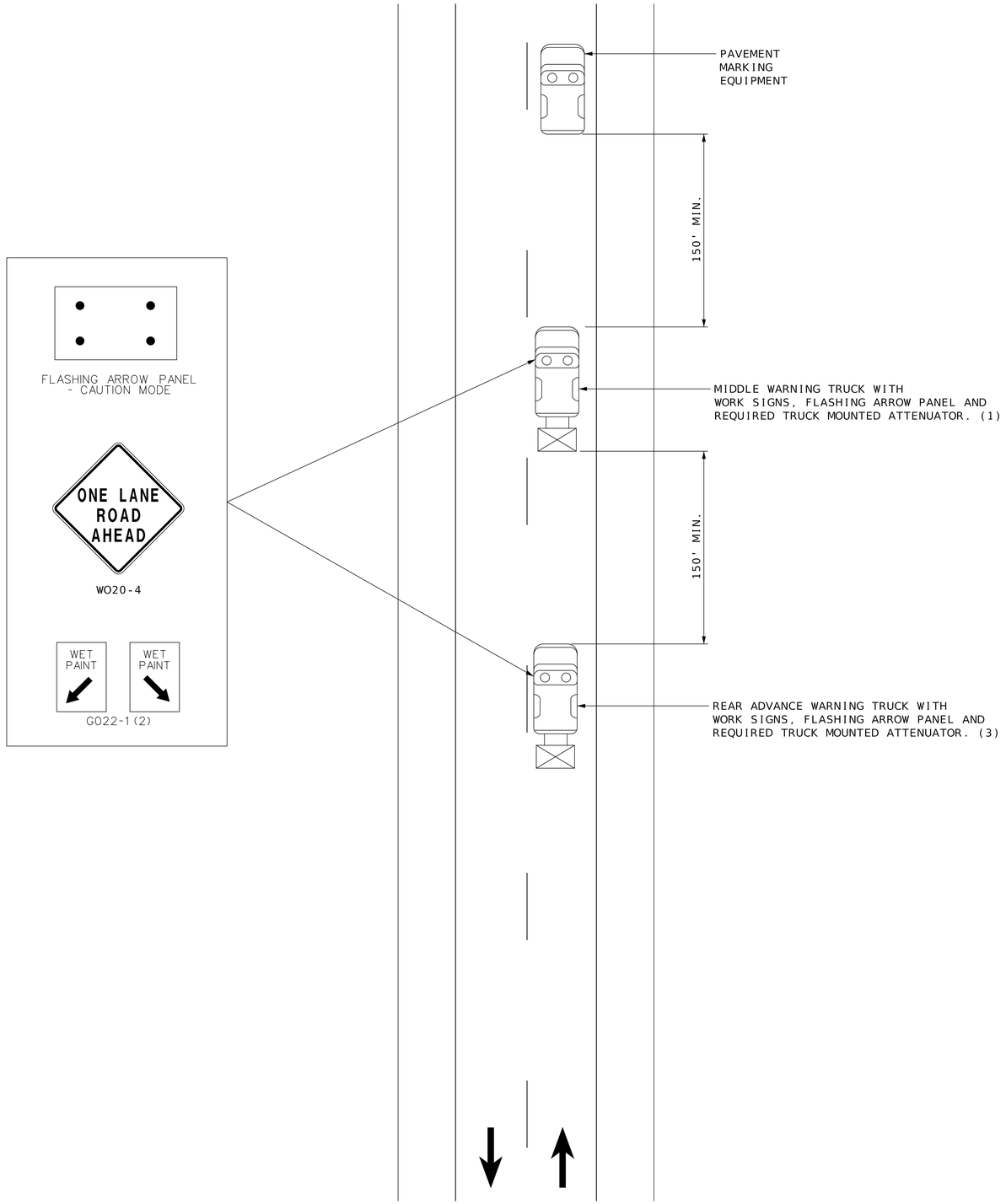
STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:47 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026
ROUTE: BUS60 | STATE: MO
DISTRICT: SW | SHEET NO.: 16
COUNTY: LAWRENCE
JOB NO.: JSR0022
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: 2/19/2026



PAVEMENT MARKING ON TWO-LANE HIGHWAY

NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCKS 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.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) 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.

(3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 7

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED: 9/29/2026

ROUTE	STATE
BUS60	MO

DISTRICT	SHEET NO.
SW	17

COUNTY: LAWRENCE

JOB NO.: JSR0022

CONTRACT ID.:

PROJECT NO.:

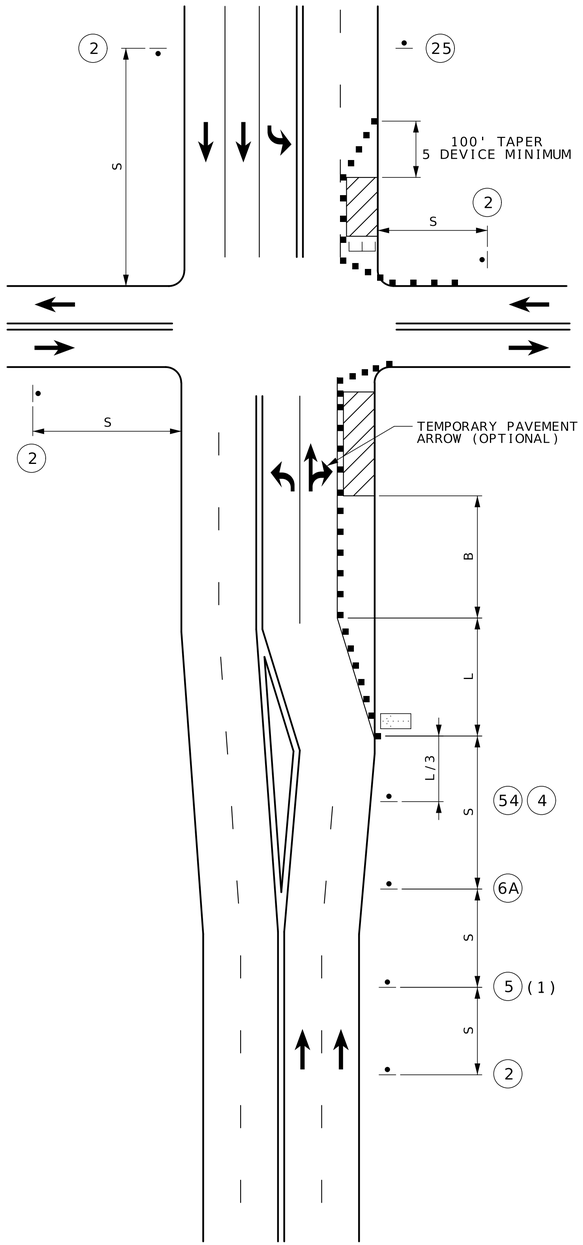
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DESCRIPTION	DATE

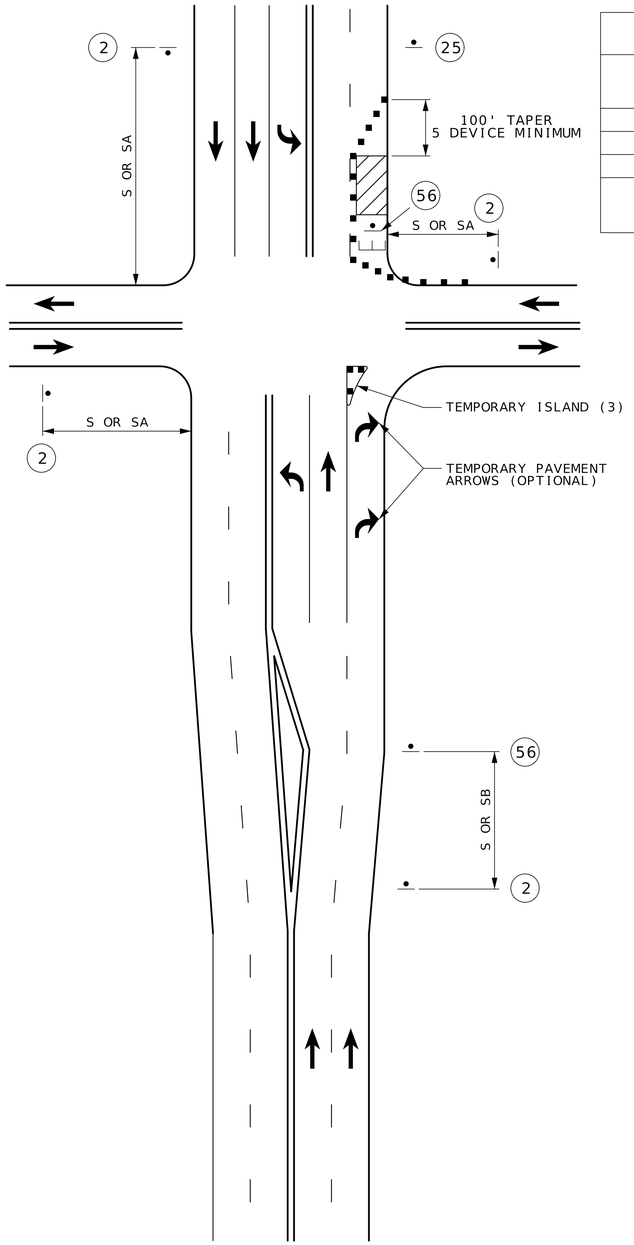
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REVISED: 3/17/2026



WORK ON NEAR OR FAR SIDE



WORK ON FAR SIDE ONLY (2)

RIGHT LANE CLOSURE AT INTERSECTION

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	540	360	40	80
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:
FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(1) RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(2) TYPICAL APPLICATION ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH TRAFFIC TURNS RIGHT.

(3) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.

TRAFFIC CONTROL LEGEND

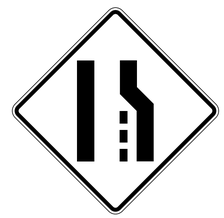
- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



WO20-1
2



WO20-5
5



WO4-2R
6A

GO20-5aP





R3-7R
56



R2-1
54
4
(25, 35, 45)



R2-1
25
(NORMAL SPEED)
(35, 45, 55)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 7

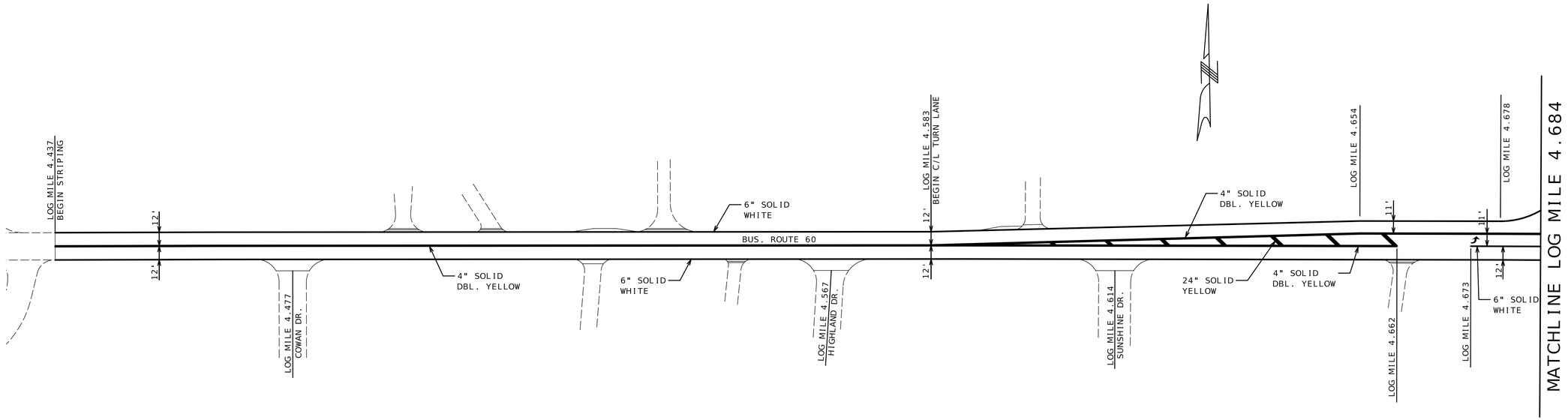
STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE BUS60
STATE MO
DISTRICT SW
SHEET NO. 18
COUNTY LAWRENCE
JOB NO. JSR0022
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

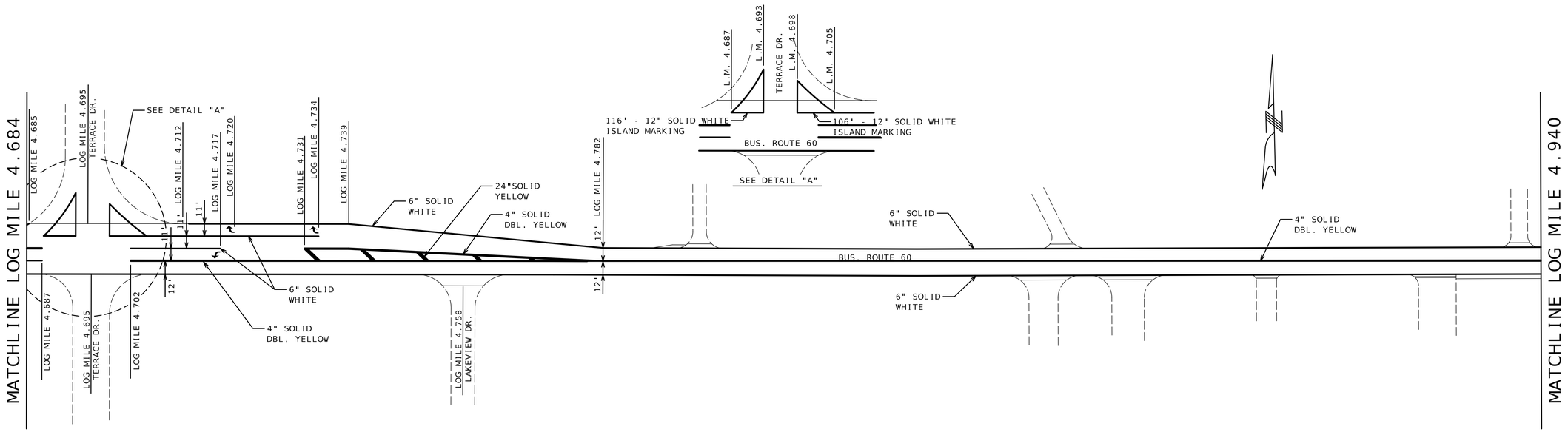
DESCRIPTION
DATE

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



SCALE

0 50 100 150



SCALE

0 50 100 150

PAVEMENT MARKING SHEET
BUS. ROUTE 60
SHEET 1 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

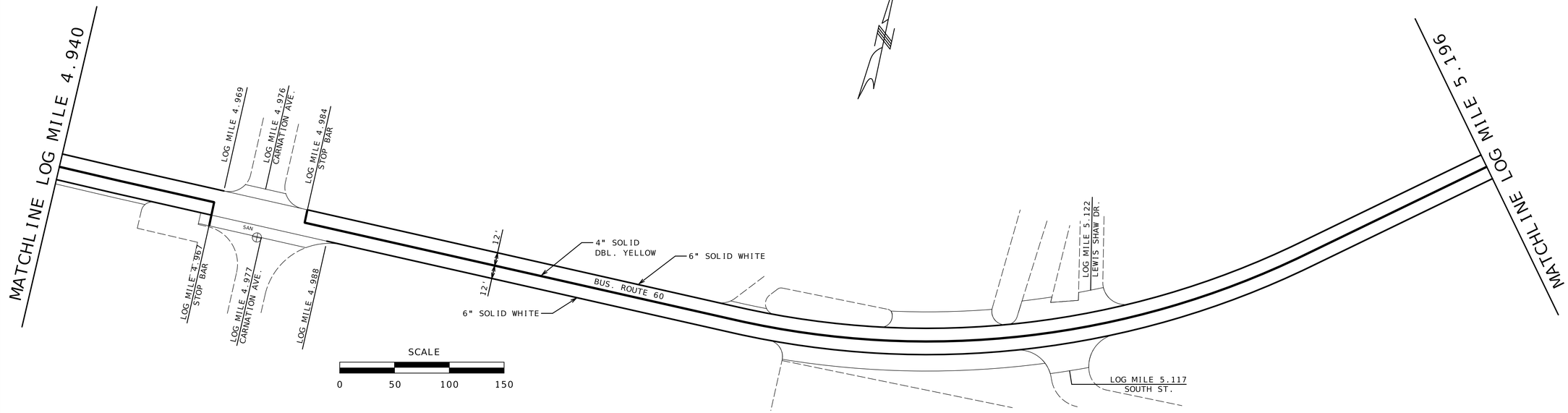
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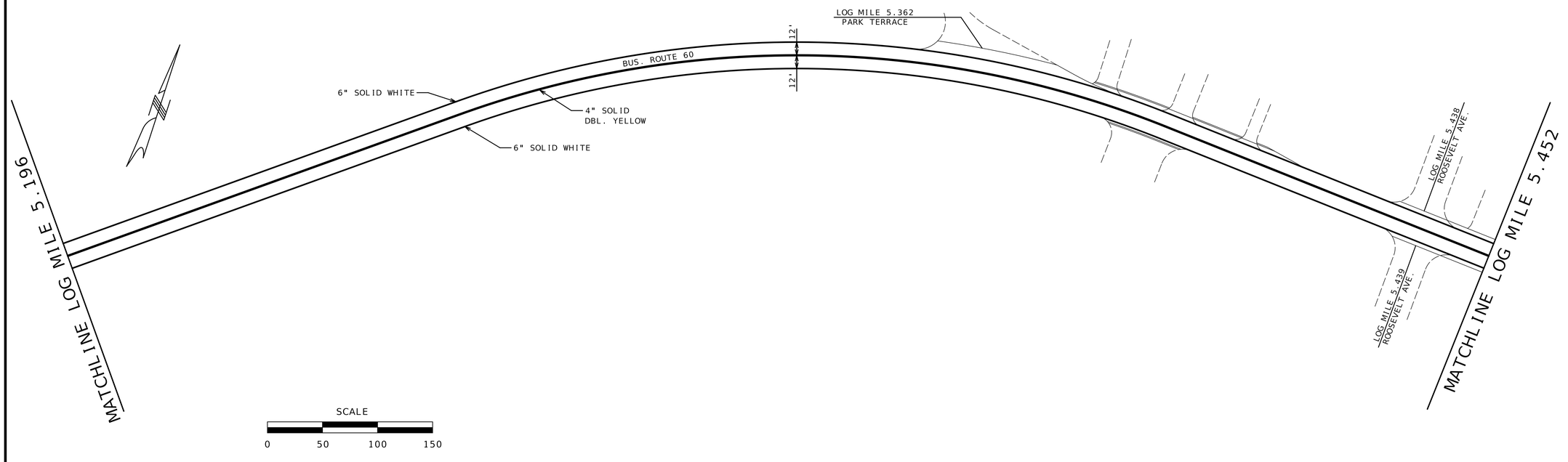
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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





PAVEMENT MARKING SHEET
BUS. ROUTE 60
SHEET 2 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

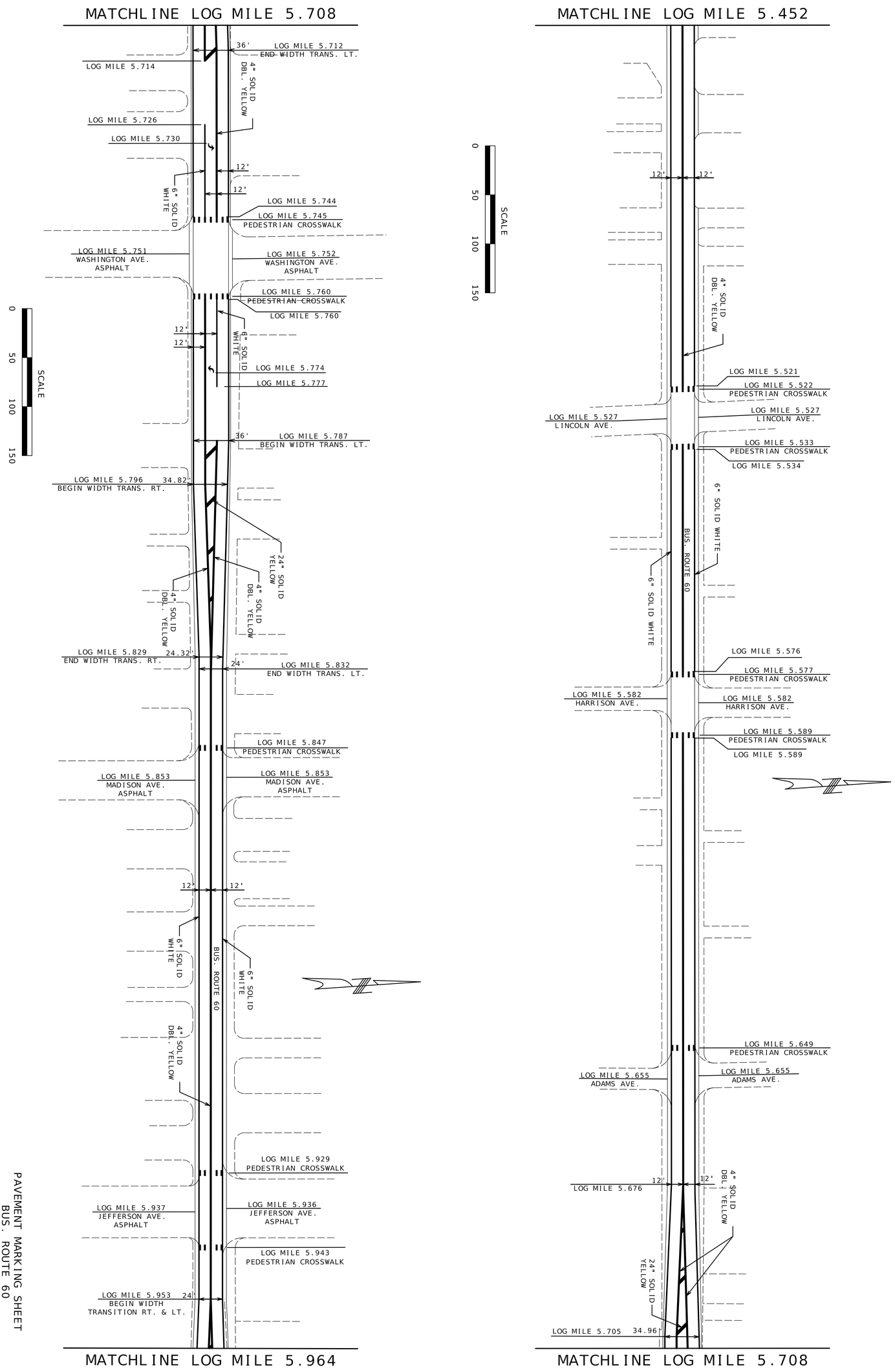
PROJECT NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



PAVEMENT MARKING SHEET
BUS. ROUTE 60
SHEET 3 OF 8

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. JSR0022

JOB NO.

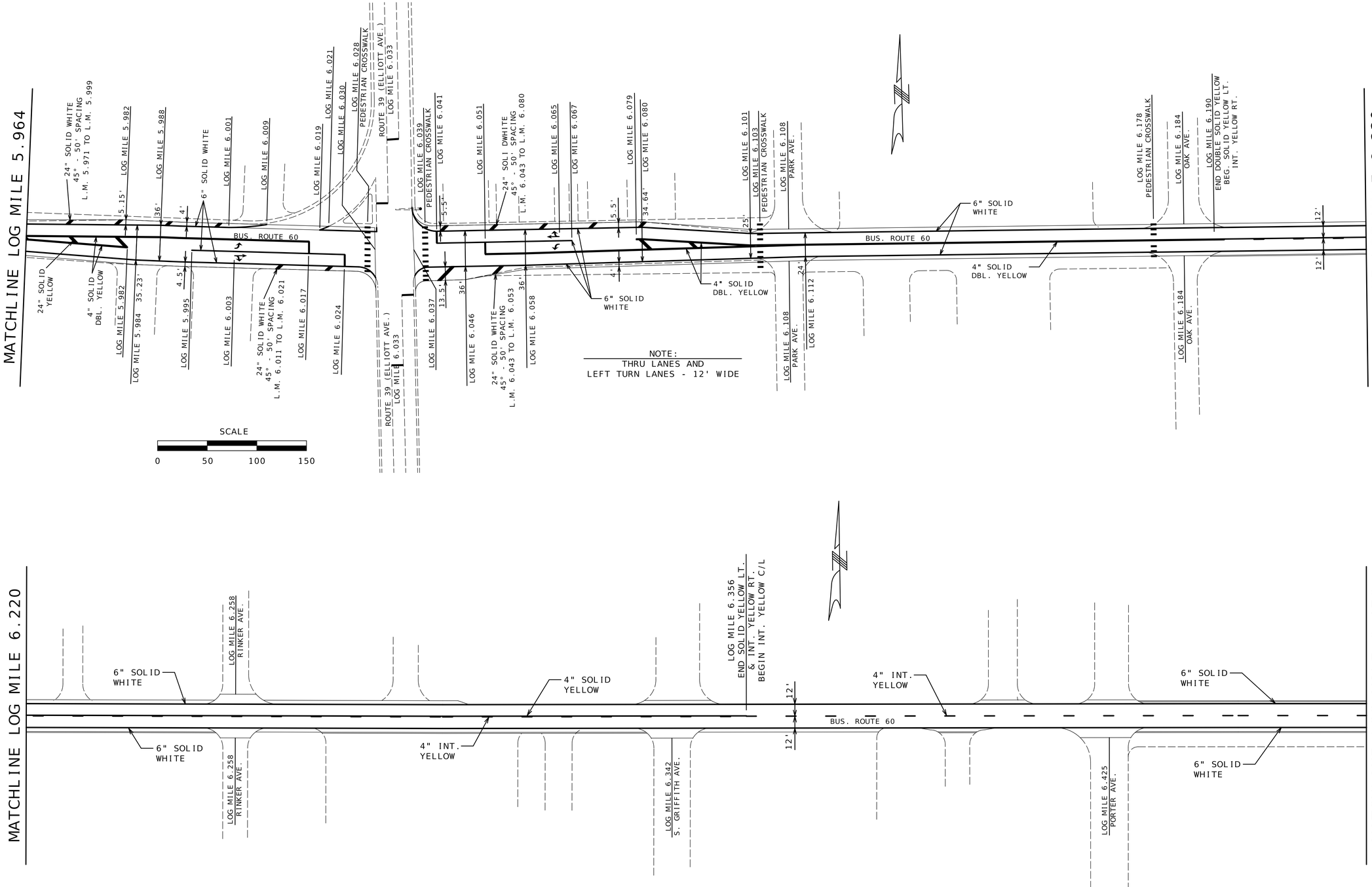
COUNTY LAWRENCE

DISTRICT SW | SHEET NO. 21

ROUTE BUS60 | STATE MO

DATE PREPARED 9/29/2026

STATE OF MISSOURI
CRAIG ALAN SHOEMYER
NUMBER PE-2009015045
PROFESSIONAL ENGINEER



PAVEMENT MARKING SHEET
BUS. ROUTE 60
SHEET 4 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

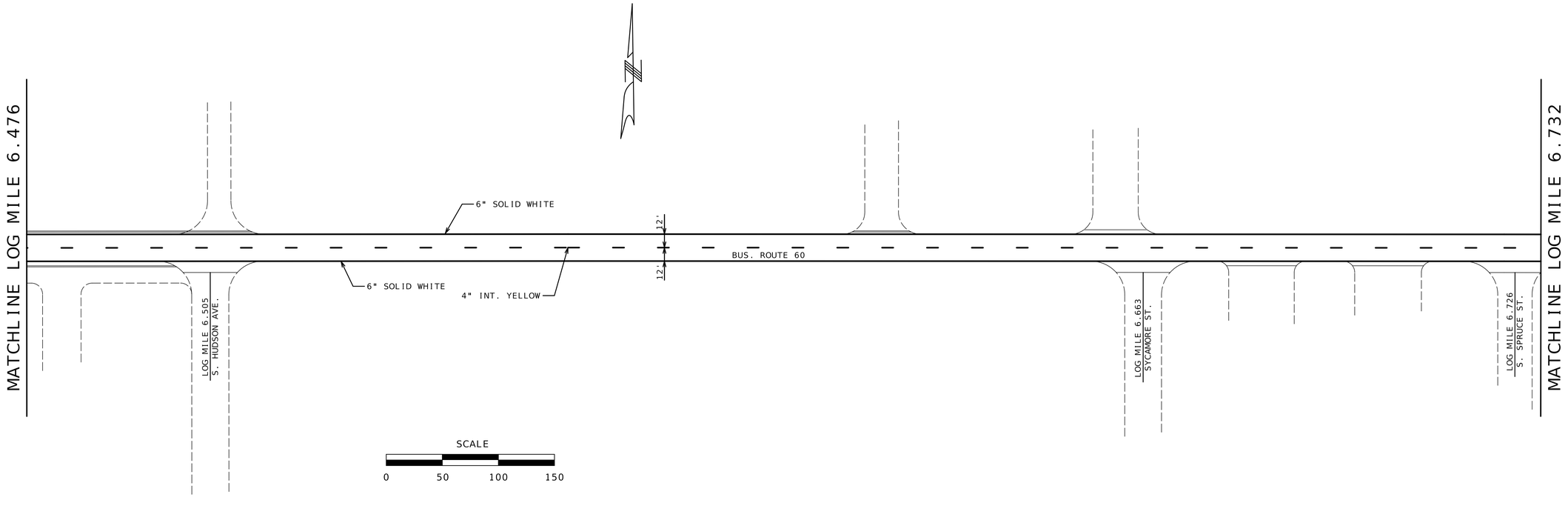
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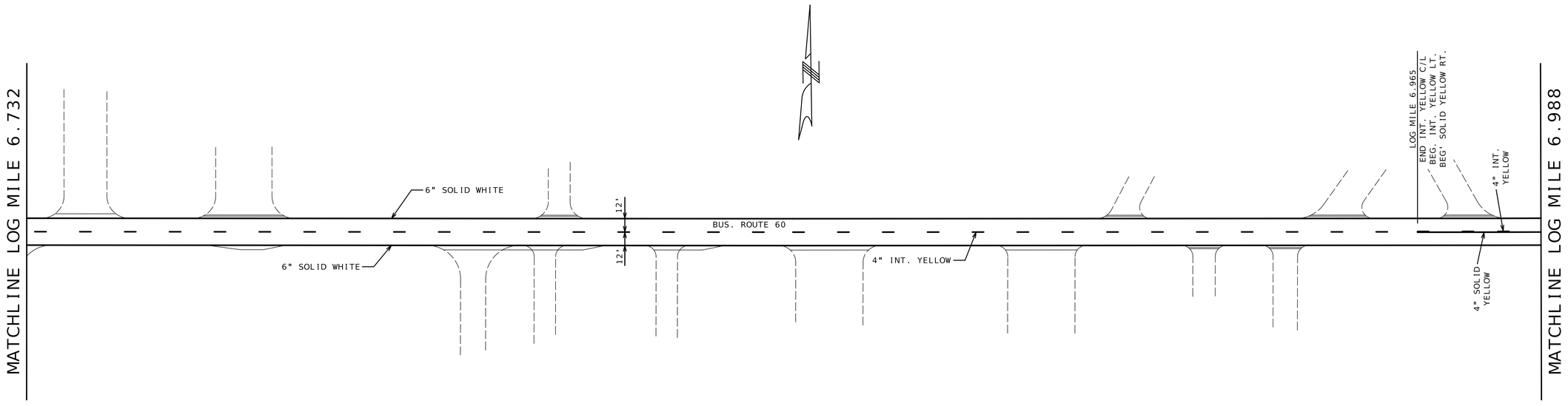
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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





PAVEMENT MARKING SHEET
BUS. ROUTE 60
SHEET 5 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	23

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

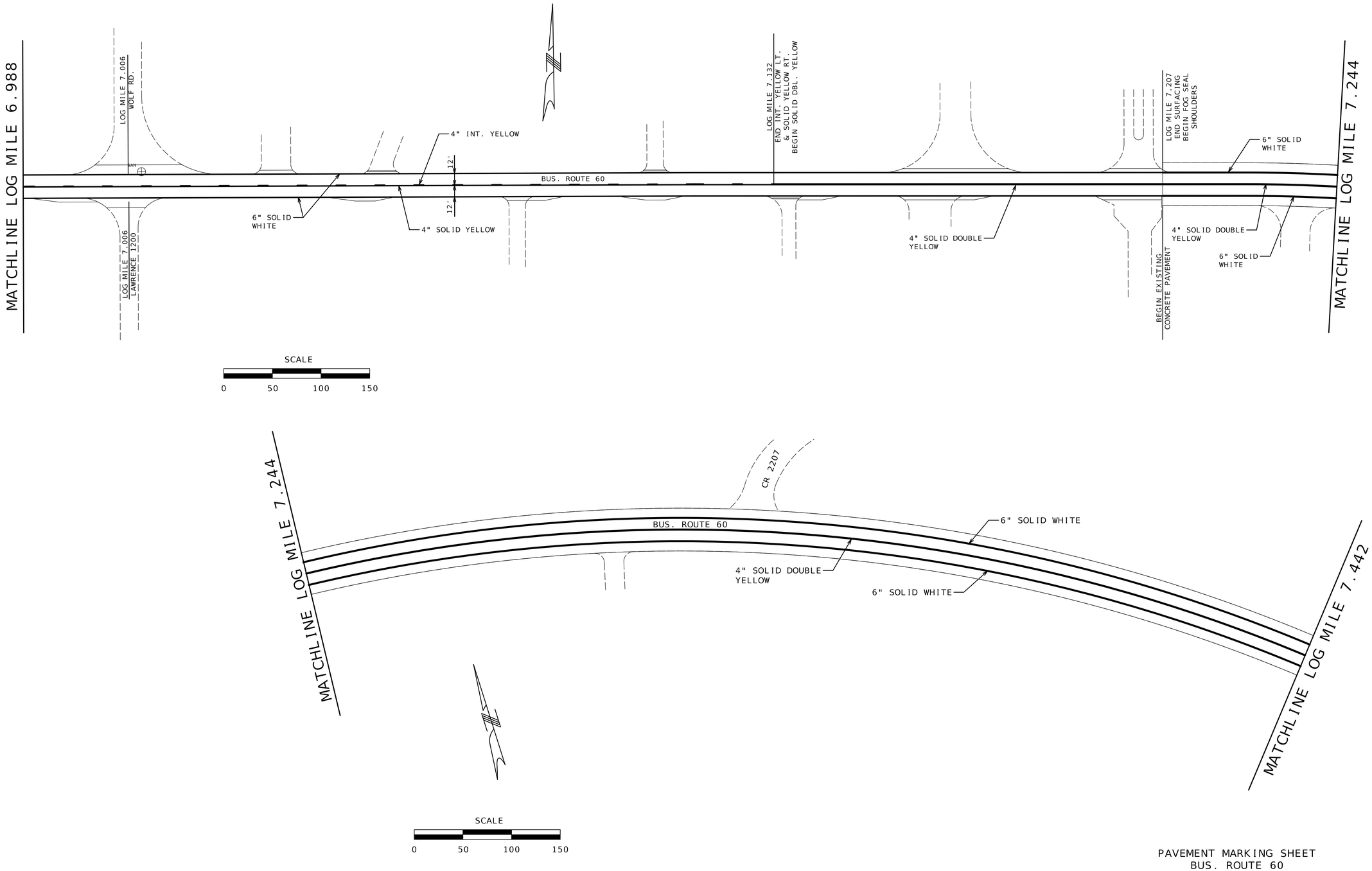
PROJECT NO.

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)



PAVEMENT MARKING SHEET
BUS. ROUTE 60
SHEET 6 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:48 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	24

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

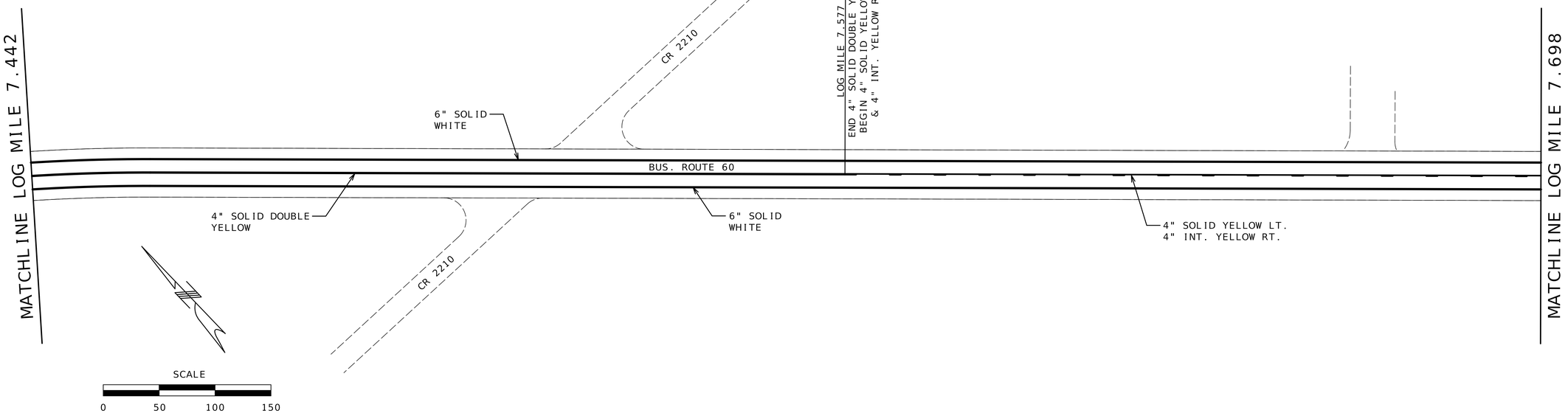
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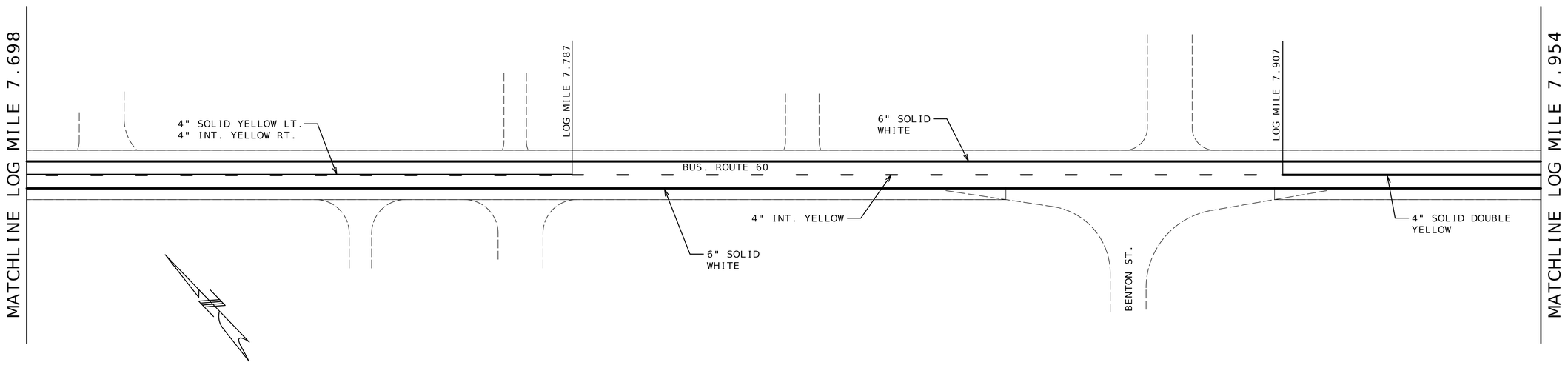
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JEFFERSON CITY, MO 65102
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PAVEMENT MARKING SHEET
BUS. ROUTE 60
SHEET 7 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER
09/29/2026 12:50:49 PM
CRAIG ALAN SWITZER - CIVIL
MO-PE-2003015045

DATE PREPARED
9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	25

COUNTY
LAWRENCE

JOB NO.
JSR0022

CONTRACT ID.

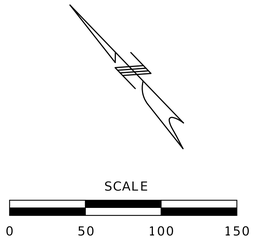
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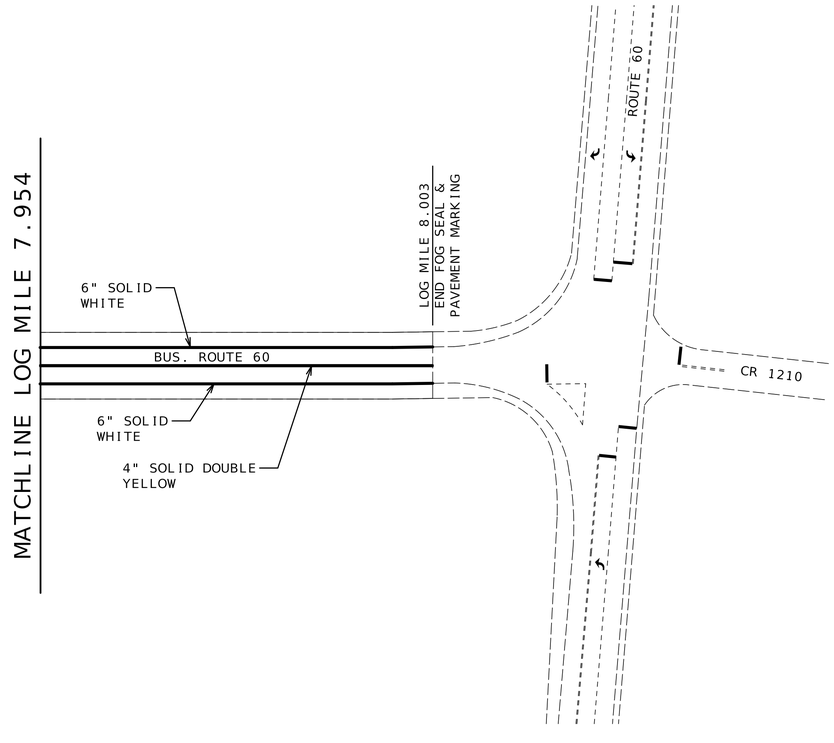
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JEFFERSON CITY, MO 65102
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PAVEMENT MARKING SHEET
BUS. ROUTE 60
SHEET 8 OF 8

STATE OF MISSOURI
CRAIG ALAN SWITZER
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09/29/2026 12:50:49 PM
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9/29/2026

ROUTE	STATE
BUS60	MO
DISTRICT	SHEET NO.
SW	26

COUNTY
LAWRENCE

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