MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED STATE HIGHWAY
JACKSON COUNTY
AMERICANS WITH DISABILITIES ACT
(ADA) IMPROVEMENTS

DESIGN DESIGNATION

KANSAS CITY (US 71)
A.A.D.T. - 2023 = 13068
F.C. - MINOR ARTERIAL

KANSAS CITY (US 24)
A.A.D.T. - 2023 = 5350
F.C. - PRINCIPAL ARTERIAL

KANSAS CITY (RTE. W)
A.A.D.T. - 2023 = 9752
F.C. - MINOR ARTERIAL

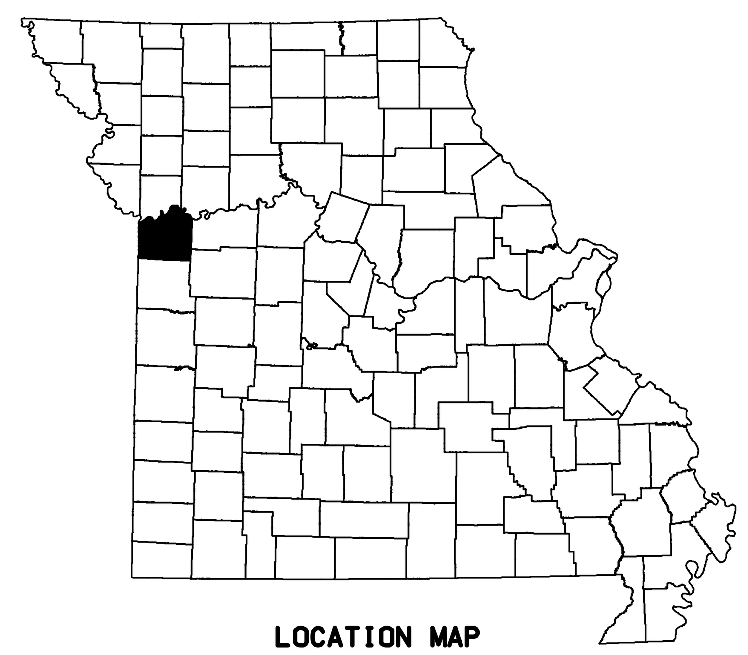
KANSAS CITY (I-435)
A.A.D.T. - 2023 = 148047
F.C. - PRINCIPAL ARTERIAL

MARTIN CITY (RTE. 150)
A.A.D.T. - 2023 = 23624
F.C. - FREEWAY AND EXPRESSWAY

LITTLE BLUE VALLEY (RTE. V)
A.A.D.T. - 2023 = 5104
F.C. - PRINCIPAL ARTERIAL

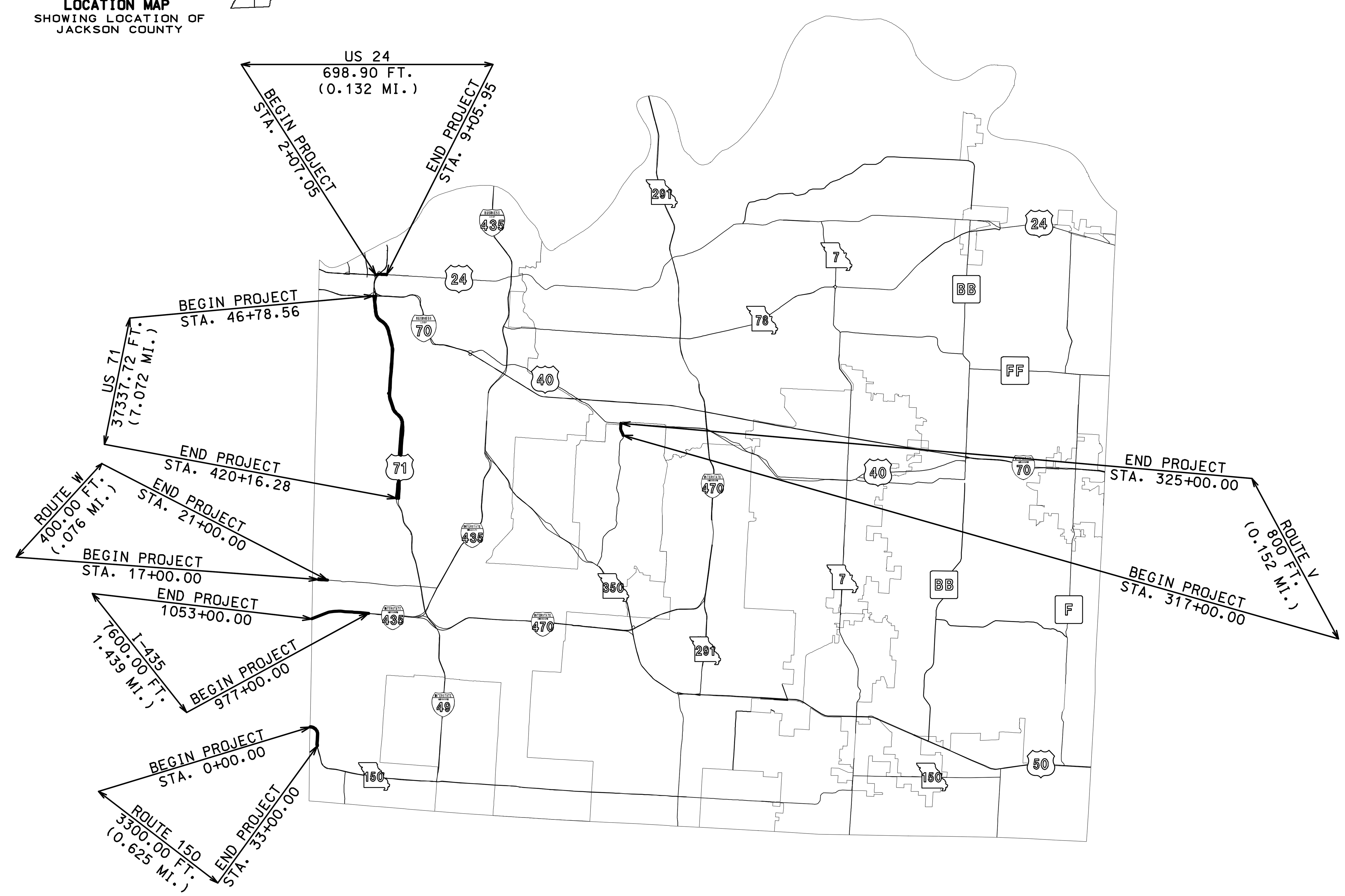
"F.C." = FUNCTIONAL CLASSIFICATION

NO RIGHT-OF-WAY ACQUISITION



LOCATION MAP
SHOWING LOCATION OF JACKSON COUNTY

NOT TO SCALE



CONVENTIONAL SYMBOLS
(USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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

LENGTH OF PROJECT

KANSAS CITY (US 71)
BEGINNING OF PROJECT STA. 46+78.56
END OF PROJECT STA. 420+16.28
APPARENT LENGTH 37337.72 FEET
EQUATIONS AND EXCEPTIONS: NONE

KANSAS CITY (US 24)
BEGINNING OF PROJECT STA. 2+07.05
END OF PROJECT STA. 9+05.95
APPARENT LENGTH 698.90 FEET
EQUATIONS AND EXCEPTIONS: NONE

KANSAS CITY (RTE. W)
BEGINNING OF PROJECT STA. 17+00.00
END OF PROJECT STA. 21+00.00
APPARENT LENGTH 400.00 FEET
EQUATIONS AND EXCEPTIONS: NONE

KANSAS CITY (I-435)
BEGINNING OF PROJECT STA. 977+00.00
END OF PROJECT STA. 1053+00.00
APPARENT LENGTH 7600.00 FEET
EQUATIONS AND EXCEPTIONS: NONE

MARTIN CITY (RTE. 150)
BEGINNING OF PROJECT STA. 0+00.00
END OF PROJECT STA. 33+00.00
APPARENT LENGTH 3300.00 FEET
EQUATIONS AND EXCEPTIONS: NONE

LITTLE BLUE VALLEY (RTE. V)
BEGINNING OF PROJECT STA. 317+00.00
END OF PROJECT STA. 325+00.00
APPARENT LENGTH 800.00 FEET
EQUATIONS AND EXCEPTIONS: NONE

TOTAL CORRECTIONS	0.00	FEET
NET LENGTH OF PROJECT	50136.62	FEET
STATE LENGTH	9.496	MILES

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	1
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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

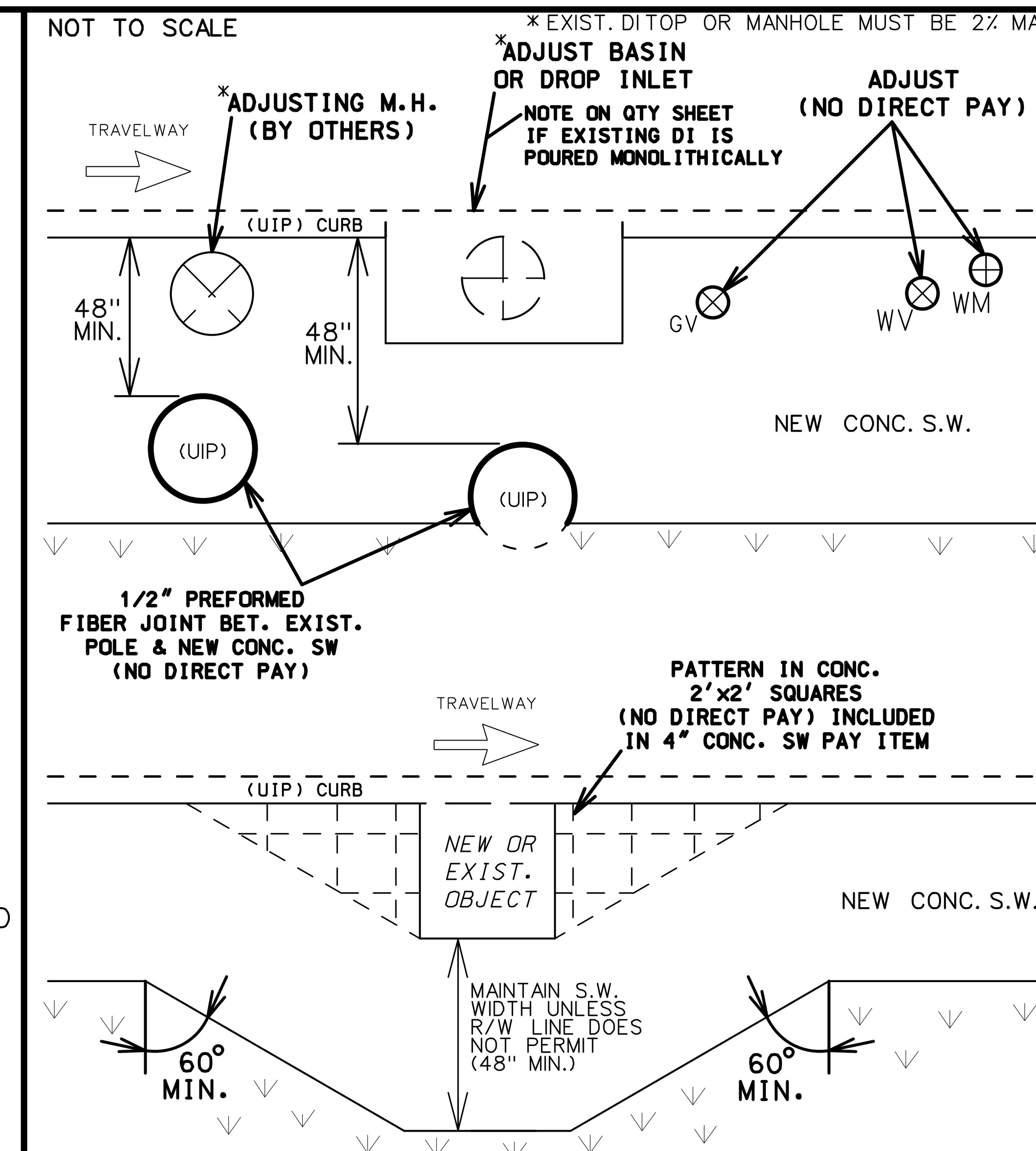
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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.
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% PREFFERED (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% PREFFERED (2% MAX.) TOWARD THE STREET. CURB RAMPS ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
11. SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMPS OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
12. S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
13. SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MIN.

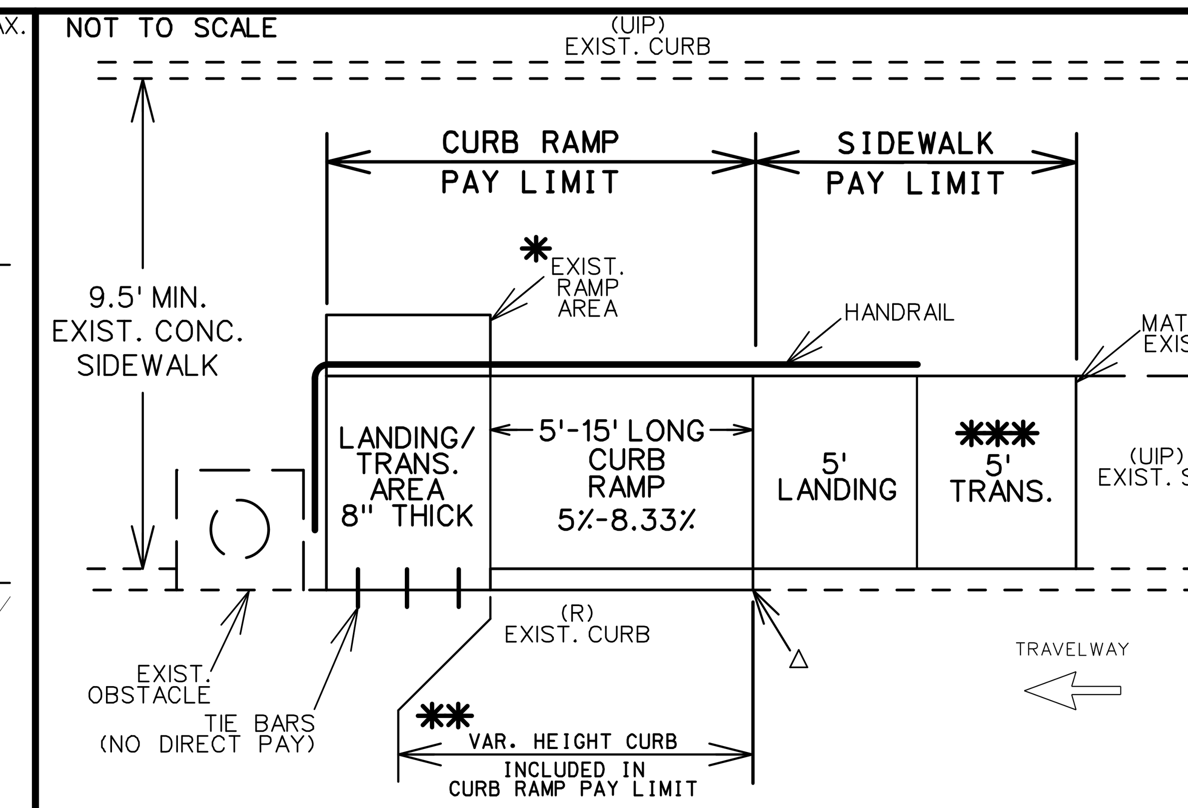
NOT TO SCALE



UTILITIES OR VARIOUS OBSTACLES

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

NOT TO SCALE



△ MATCH EXIST CURB

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

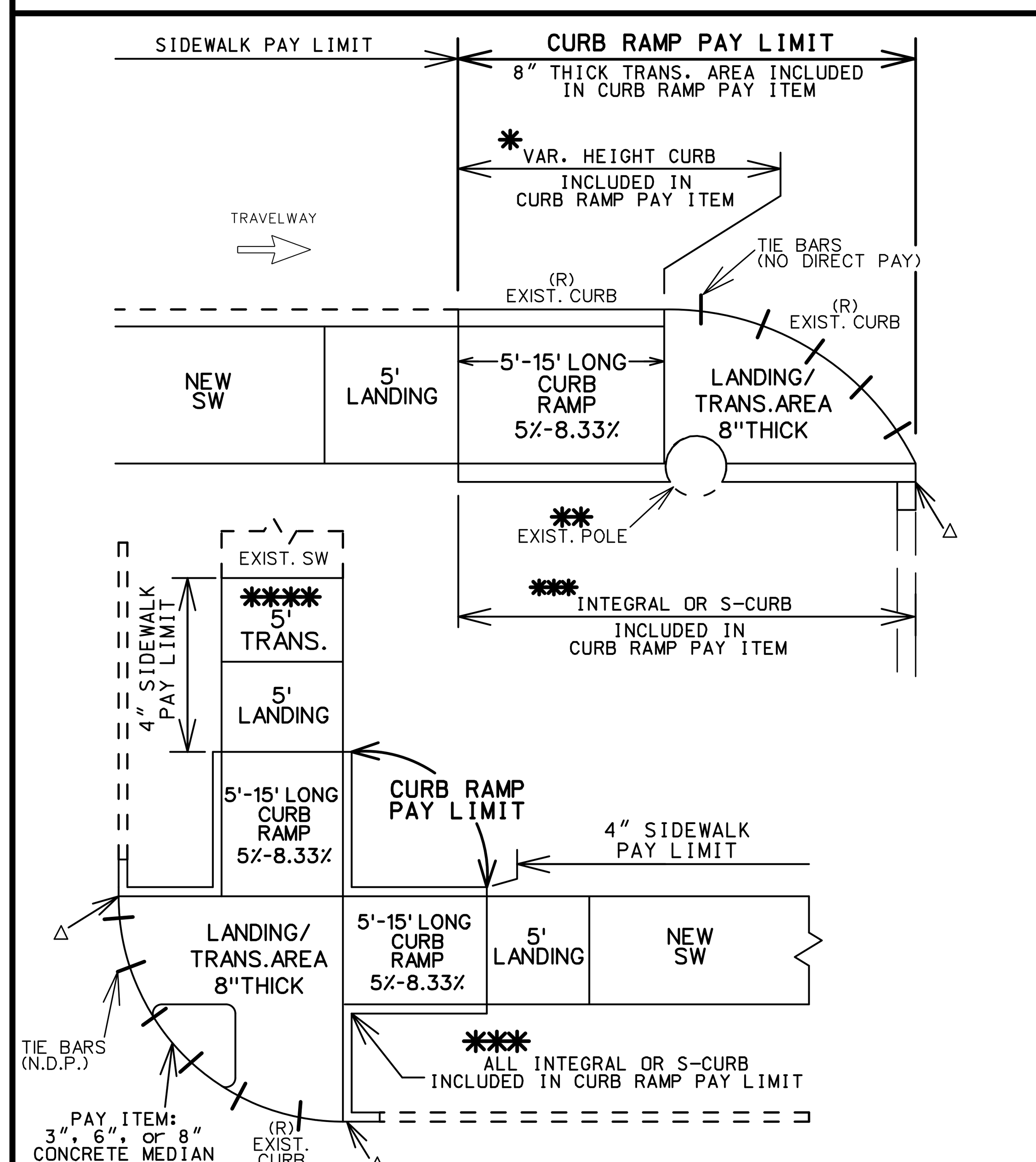
** VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS.

*** TO BLEND CROSS SLOPE DISCREPENCY

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.

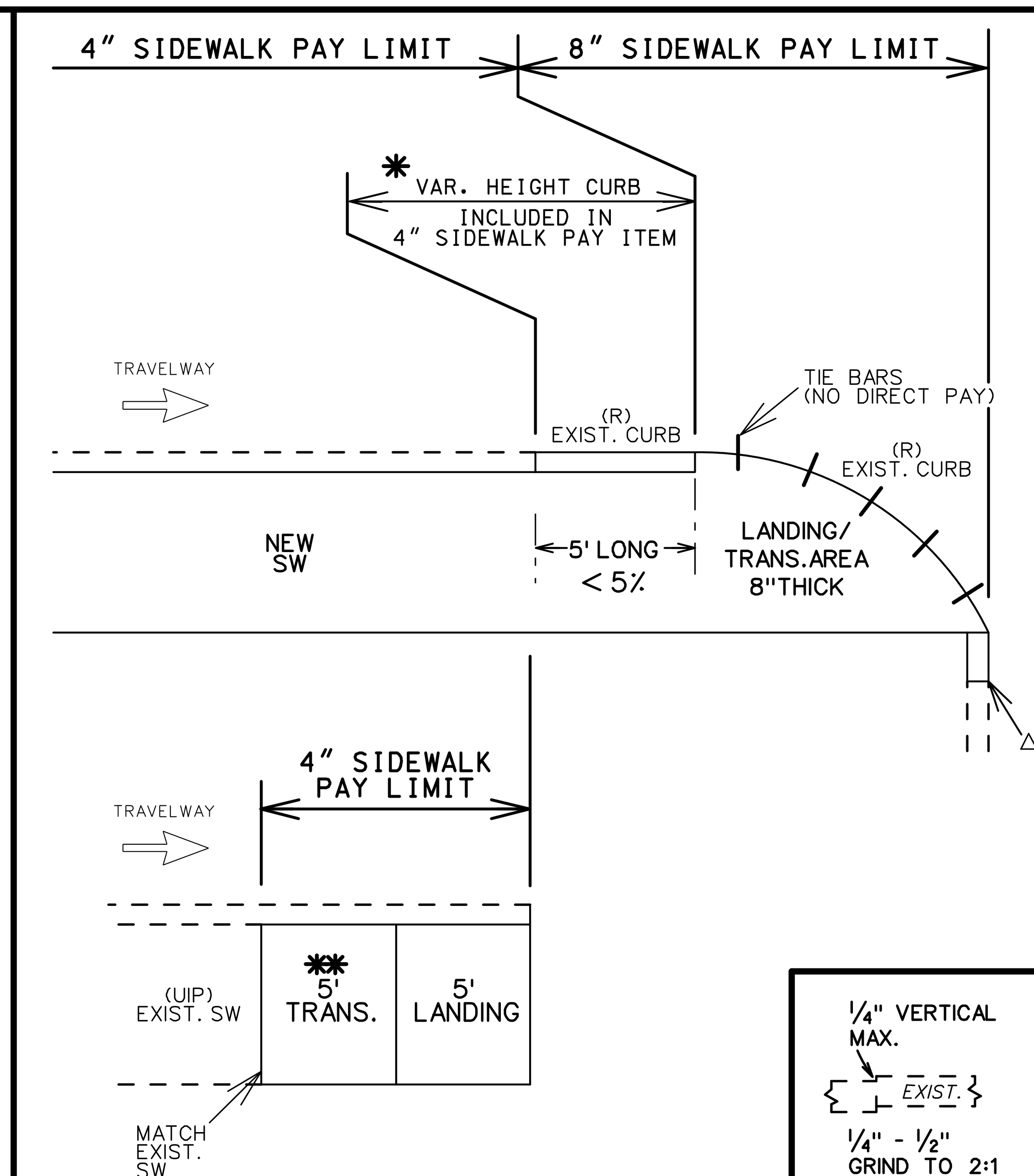
**** TO BLEND CROSS SLOPE DISCREPENCY

CURB RAMP

PAY LIMITS

WHEN RAMP AREA IS LONGER THEN 5' AND BET. 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).

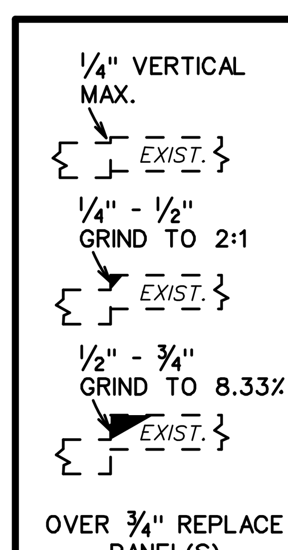
** TO BLEND CROSS SLOPE DISCREPENCY

SIDEWALK

PAY LIMITS

WHEN RAMP AREA IS 5' LONG AND LESS THEN 5% GRADE, IT IS CONSIDERED SIDEWALK

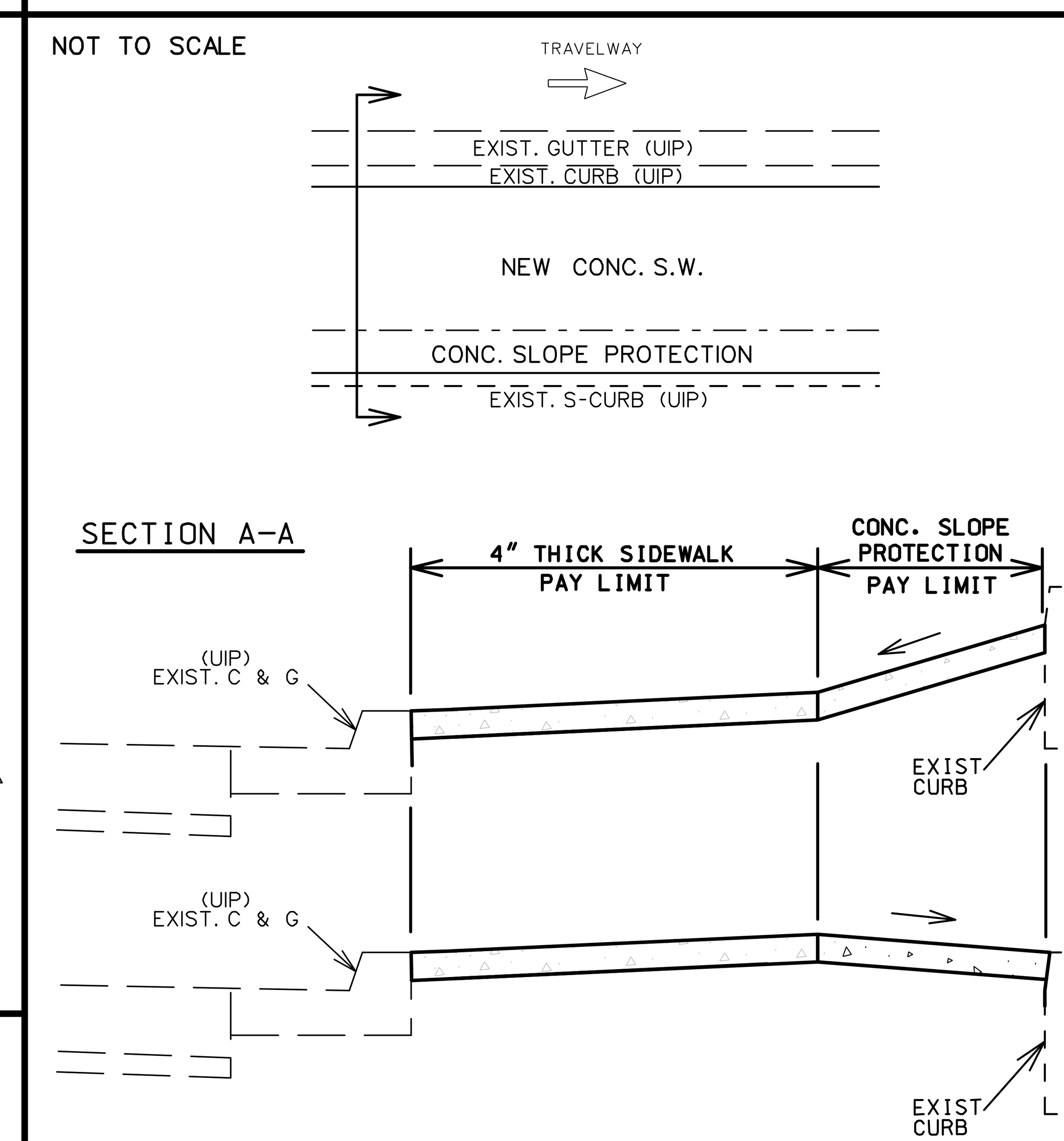
NOT TO SCALE



JOINT GRINDING

TRIP HAZARDS 622-99.03

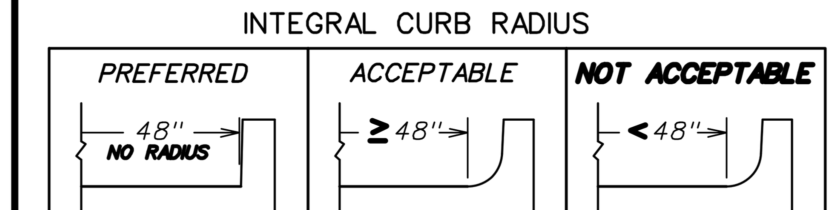
NOT TO SCALE



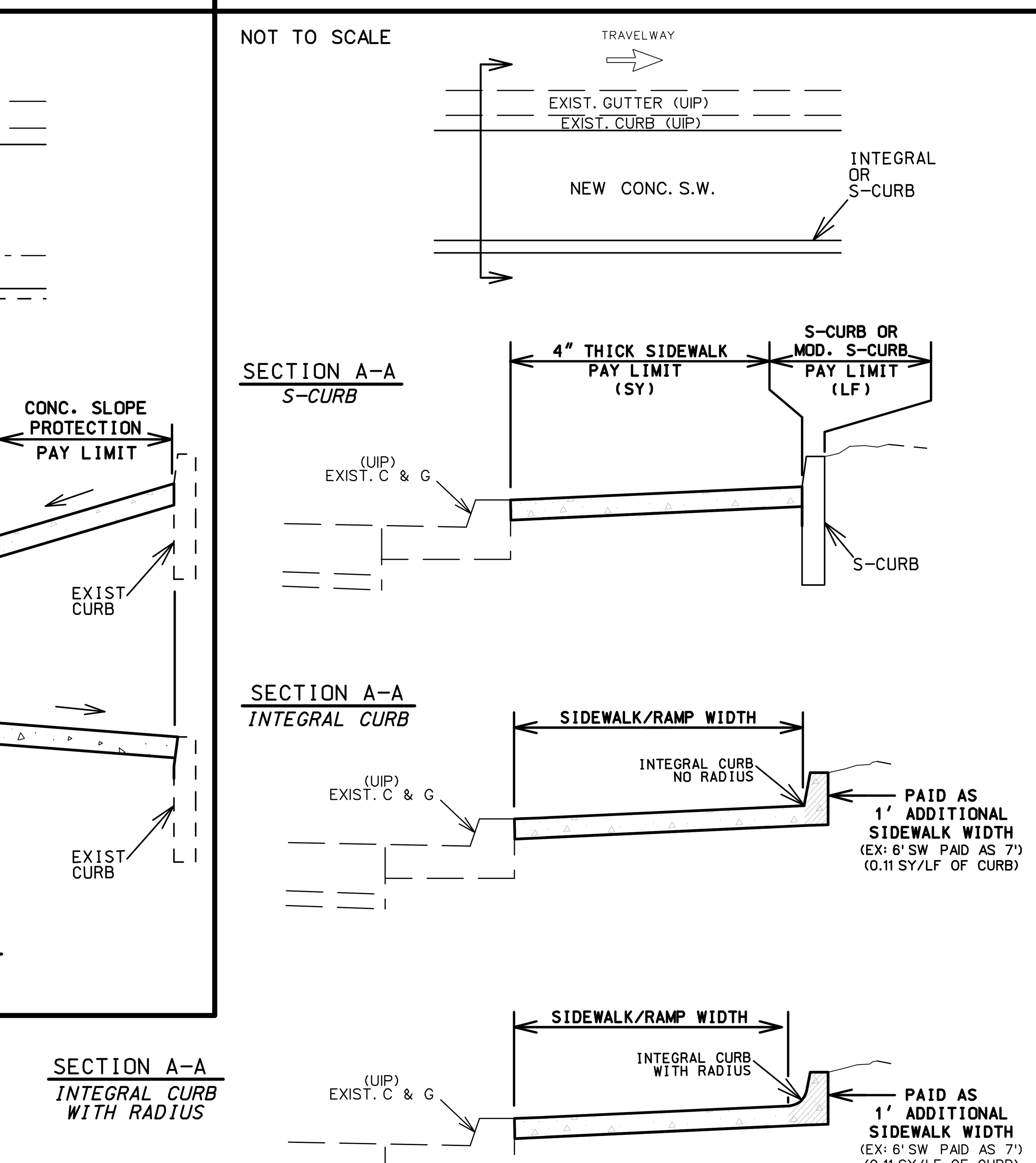
SIDEWALK WITH CONCRETE SLOPE PROTECTION

PAY LIMITS

INTEGRAL CURB RADIUS



NOT TO SCALE



SIDEWALK & RAMP WITH CURB

PAY LIMITS

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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TYPICAL SHEET
SHEET 1 OF 2

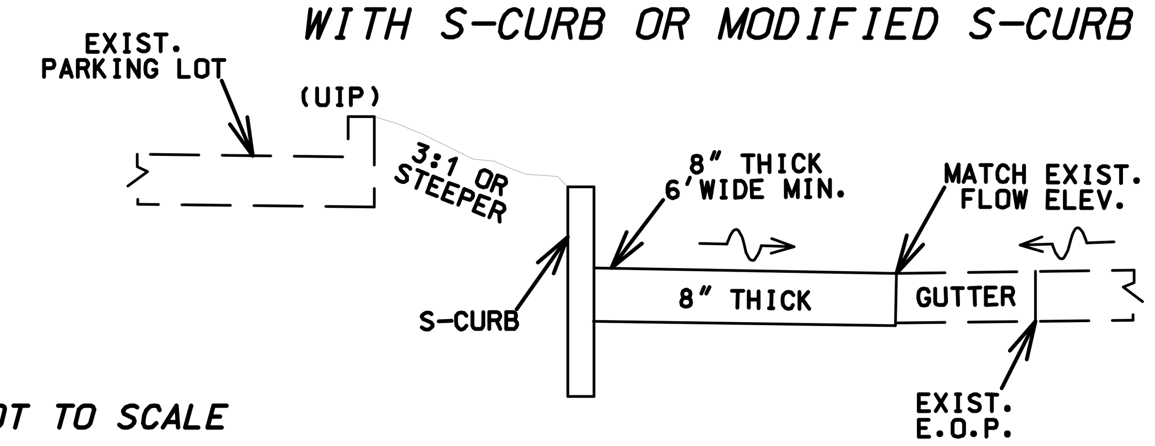
NOTES FOR MODIFIED SIDEWALK:

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)

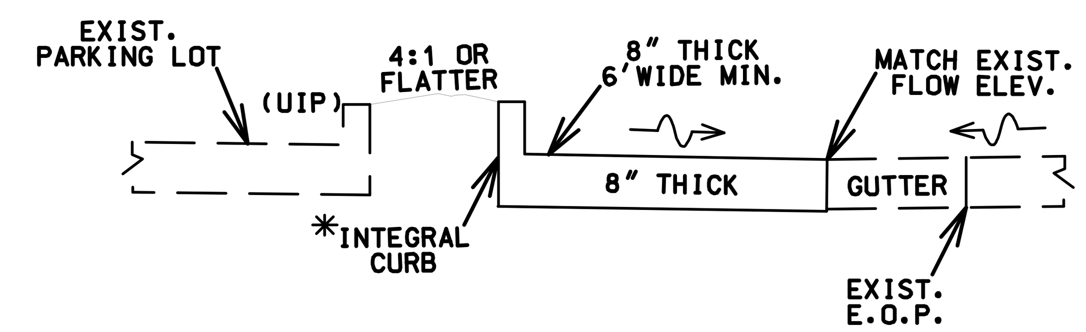
SECTION A-A

WITH S-CURB OR MODIFIED S-CURB



SECTION A-A

WITH INTEGRAL CURB



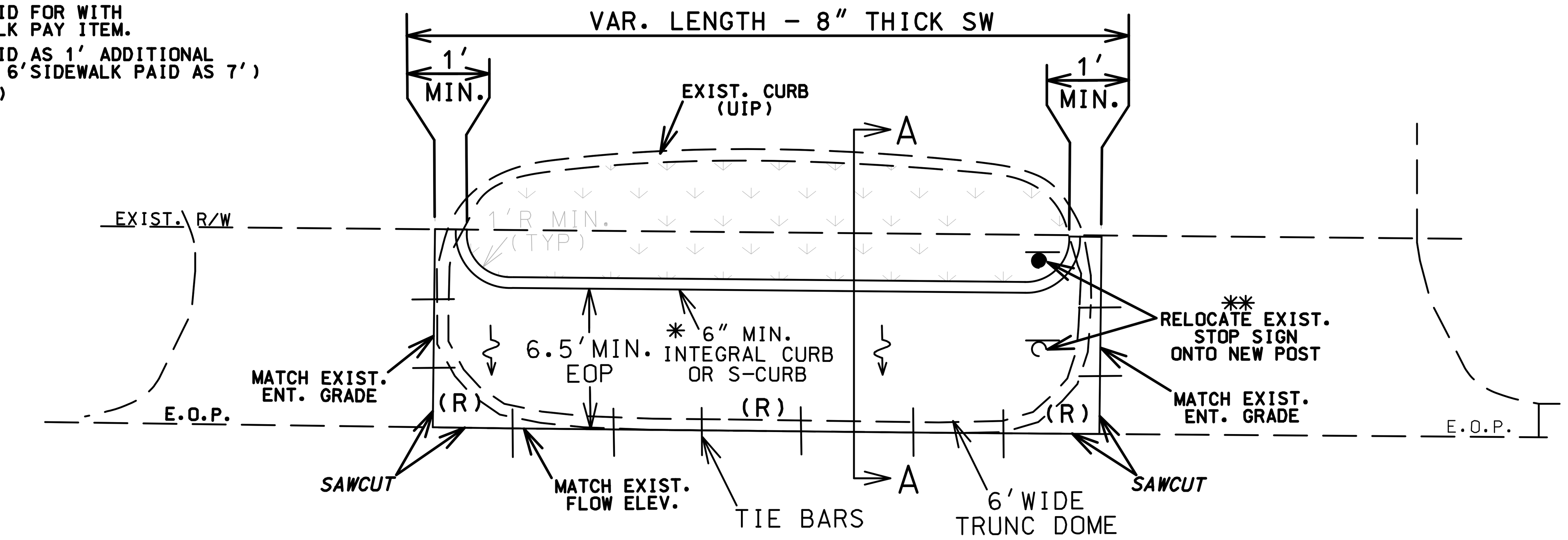
NOT TO SCALE

TYPICAL

MODIFIED SIDEWALK

8" THICK

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



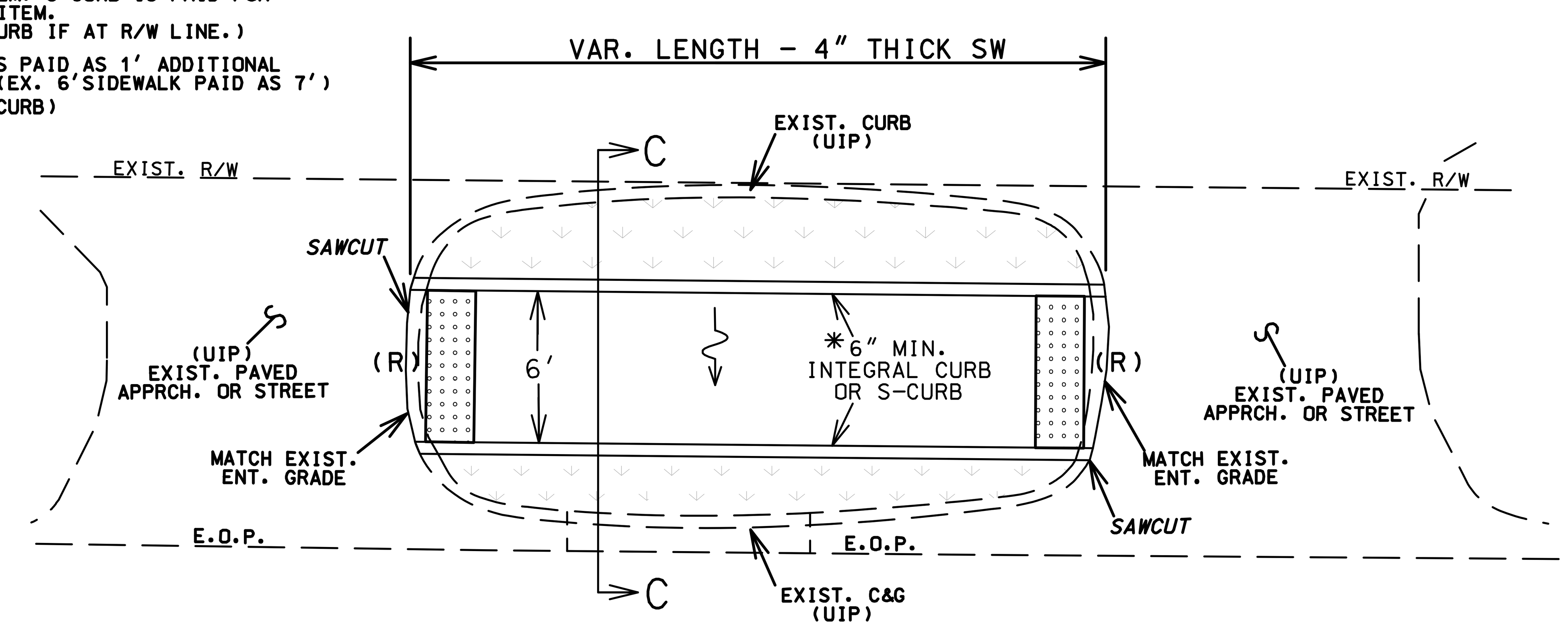
NOTES FOR CUT-THRU SIDEWALK:

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)

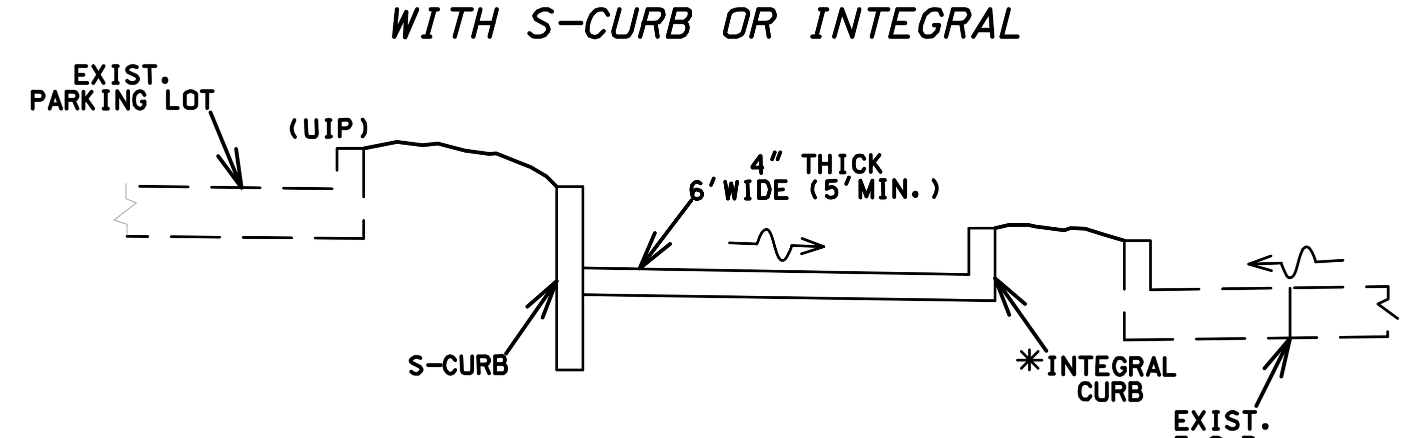
TYPICAL

CUT-THRU SIDEWALK



SECTION C-C

WITH S-CURB OR INTEGRAL



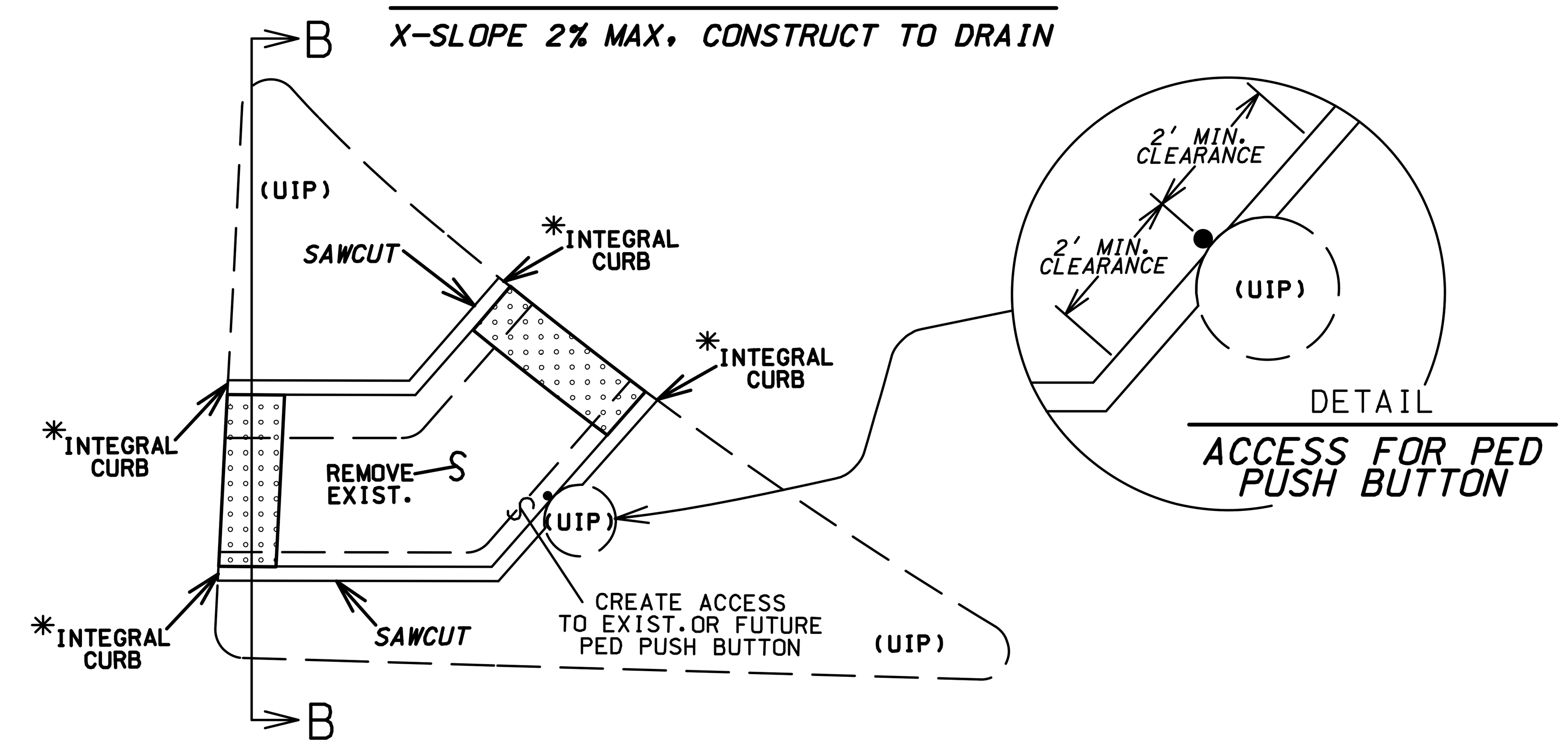
NOT TO SCALE

NOT TO SCALE

TYPICAL

ISLAND CUT-THRU SIDEWALK

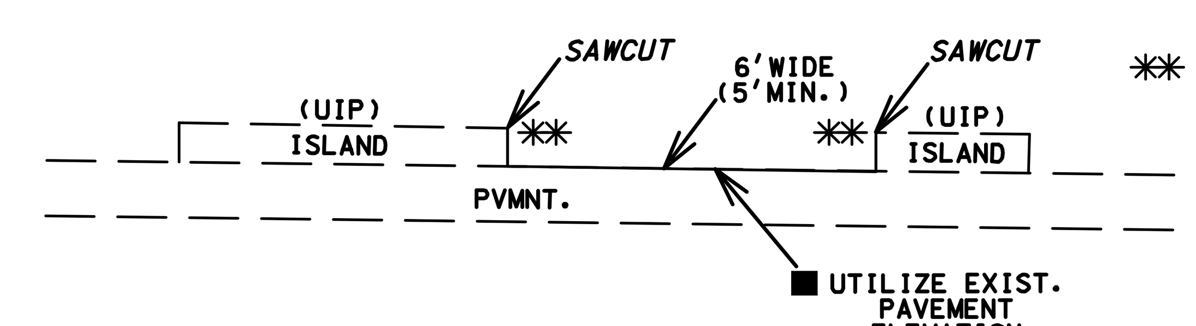
X-SLOPE 2% MAX, CONSTRUCT TO DRAIN



SECTION B-B

ISLAND CUT-THRU SIDEWALK

FOR EXISTING 'PINNED-ON' ISLAND



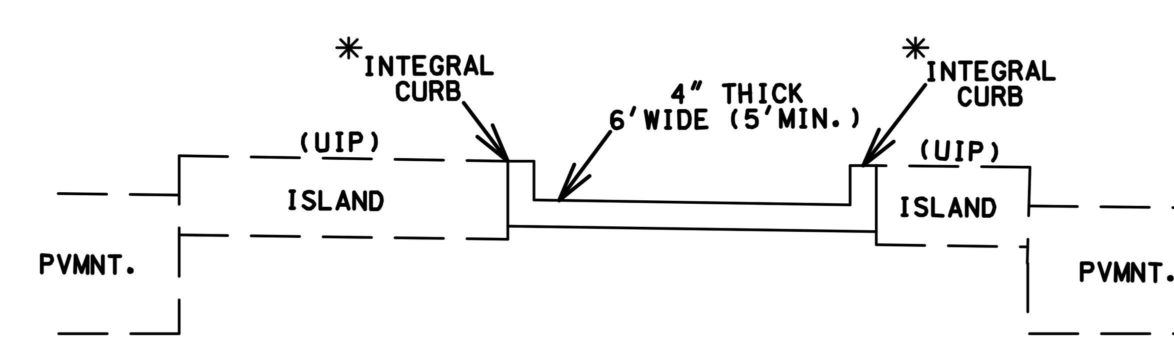
■ SMALL QTY. HAS BEEN INCLUDED FOR 8" THICK SIDEWALK TO ADDRESS ANY UNFORSEEN PVMNT. REPAIRS OR DIFFERENCES IN ELEVATION. (UNDERRUN IF FIELD CONDITIONS DO NOT WARRANT)

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

* 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)

SECTION B-B

ISLAND CUT-THRU SIDEWALK



MODIFIED SIDEWALK AND SIDEWALK CUT-THRU's

TYPICAL SHEET
SHEET 2 OF 2

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO. 2
COUNTY	JACKSON
JOB NO.	J4P3268H
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BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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REMOVAL OF IMPROVEMENTS (TABLE 1 OF 3)

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
US 71 @ TRUMAN RD	4+23.00	5+02.90	LT	CURB	82.5	LF	
US 71 @ TRUMAN RD	4+23.00	5+04.00	LT	SIDEWALK	90.4	SY	10' SAWCUT
US 71 @ TRUMAN RD	4+38.10	4+79.50	RT	SIDEWALK	43.0	SY	11' SAWCUT
US 71 @ TRUMAN RD	4+63.20	4+84.50	RT	CURB & GUTTER	38.2	LF	
US 71 @ TRUMAN RD	4+99.00	5+27.50	LT	CONC. DRIVEWAY	23.4	SY	
US 71 @ TRUMAN RD	5+20.50	5+37.10	RT	CURB & GUTTER	28.2	LF	
US 71 @ TRUMAN RD	5+22.50	7+42.00	LT	SIDEWALK	235.5	SY	
US 71 @ TRUMAN RD	5+23.30	6+01.70	RT	SIDEWALK	82.7	SY	10' SAWCUT
US 71 @ TRUMAN RD	5+37.10	6+01.70	RT	CURB	64.5	LF	
US 71 @ TRUMAN RD	5+34.00	7+37.20	LT	CURB	203.2	LF	
US 71 @ TRUMAN RD	7+37.00	7+71.30	LT	CONC. DRIVEWAY	30.0	SY	
US 71 @ TRUMAN RD	7+66.30	10+49.60	LT	SIDEWALK	313.4	SY	10' SAWCUT
US 71 @ TRUMAN RD	7+71.30	9+15.00	LT	CURB	143.7	LF	
US 71 @ TRUMAN RD	7+72.30	8+64.20	RT	CURB	91.9	LF	
US 71 @ TRUMAN RD	7+72.30	8+76.70	RT	SIDEWALK	106.0	SY	10' SAWCUT
US 71 @ TRUMAN RD	8+64.20	8+76.70	RT	CURB & GUTTER	22.5	LF	
US 71 @ TRUMAN RD	9+12.40	9+54.90	RT	CURB & GUTTER	50.6	LF	
US 71 @ TRUMAN RD	9+21.10	10+47.90	LT	CURB	126.8	LF	
US 71 @ TRUMAN RD	9+22.10	9+54.90	RT	SIDEWALK	29.0	SY	12' SAWCUT
US 71 @ 22ND ST	6+60.60	6+79.70	LT	SIDEWALK	9.5	SY	5' SAWCUT
US 71 @ 22ND ST	6+66.70	6+99.30	LT	CURB & GUTTER	43.6	LF	
US 71 @ 22ND ST	6+71.60	7+93.90	RT	SIDEWALK	66.1	SY	5' SAWCUT
US 71 @ 22ND ST	7+13.00	7+64.30	LT	CUT-THRU	27.6	SY	
US 71 @ 22ND ST	7+16.20	7+25.30	LT	CURB	17.2	LF	
US 71 @ 22ND ST	7+60.60	7+64.90	LT	CURB	13.6	LF	
US 71 @ 22ND ST	7+77.90	7+97.50	RT	CURB & GUTTER	22.1	LF	
US 71 @ 22ND ST	7+90.00	7+95.10	LT	CURB & GUTTER	14.1	LF	
US 71 @ 22ND ST	7+93.90		LT	PULLBOX			
US 71 @ 22ND ST	7+95.00	8+14.30	LT	SIDEWALK	13.3	SY	7' SAWCUT
US 71 @ 22ND ST	8+41.10	8+41.20	RT	CURB & GUTTER	3.3	LF	
US 71 @ 22ND ST	8+41.70	8+69.50	RT	SIDEWALK	22.2	SY	7' SAWCUT
US 71 @ 22ND ST	8+47.60	8+69.50	RT	CURB & GUTTER	21.9	LF	
US 71 @ 22ND ST	11+91.10	12+32.70	LT	CURB & GUTTER	50.2	LF	
US 71 @ 22ND ST	11+97.40	12+05.40	RT	CURB & GUTTER	8.0	LF	
US 71 @ 22ND ST	11+97.40	12+29.60	RT	SIDEWALK	36.0	SY	10' SAWCUT
US 71 @ 22ND ST	12+11.60	12+50.40	LT	SIDEWALK	26.6	SY	5' SAWCUT
US 71 @ 22ND ST	12+17.00	12+36.60	RT	CURB & GUTTER	28.1	LF	
US 71 @ 22ND ST	12+58.50	13+04.20	RT	CUT-THRU	21.7	SY	
US 71 @ 22ND ST	12+62.10	12+64.40	RT	CURB	19.4	LF	
US 71 @ 22ND ST	12+96.70	13+03.40	RT	CURB	20.9	LF	
US 71 @ 22ND ST	13+21.40	13+42.60	RT	CURB & GUTTER	27.1	LF	
US 71 @ 22ND ST	13+30.40	13+54.60	RT	SIDEWALK	15.1	SY	4' SAWCUT
US 71 @ PASEO BLVD	13+14.30	13+40.00	LT	SIDEWALK	16.7	SY	5' SAWCUT
US 71 @ PASEO BLVD	13+32.60	13+44.50	LT	CURB & GUTTER	13.7	LF	
US 71 @ PASEO BLVD	13+42.80	13+54.50	LT	CURB	8.5	LF	
US 71 @ PASEO BLVD	13+45.10	13+77.60	LT	CUT-THRU	16.4	SY	
US 71 @ PASEO BLVD	13+77.00	13+78.20	LT	CURB	6.0	LF	
US 71 @ PASEO BLVD	13+98.80	13+99.70	LT	CURB & GUTTER	11.0	LF	
US 71 @ PASEO BLVD	14+02.10	14+26.20	LT	SIDEWALK	13.1	SY	5' SAWCUT
US 71 @ PASEO BLVD	16+48.80	17+18.50	RT	SIDEWALK	59.5	SY	7' SAWCUT
US 71 @ PASEO BLVD	17+19.80	17+20.90	RT	CURB & GUTTER	18.2	LF	
US 71 @ PASEO BLVD	17+55.50	17+70.90	RT	CURB & GUTTER	19.8	LF	
US 71 @ PASEO BLVD	17+57.30	17+86.50	LT	SIDEWALK	15.7	SY	5' SAWCUT
US 71 @ PASEO BLVD	17+58.10	18+04.60	RT	SIDEWALK	33.4	SY	5' SAWCUT
US 71 @ PASEO BLVD	17+82.50	17+91.90	LT	CURB	15.9	LF	
US 71 @ PASEO BLVD	18+11.90	18+41.70	LT	SIDEWALK	15.2	SY	5' SAWCUT
US 71 @ PASEO BLVD	18+17.30	18+33.00	LT	CURB	39.2	LF	
US 71 @ PASEO BLVD	18+71.00	18+99.10	LT	SIDEWALK	13.3	SY	5' SAWCUT
US 71 @ PASEO BLVD	18+93.00	19+05.20	LT	CURB	13.8	LF	
US 71 @ PASEO BLVD	19+11.40	19+25.40	LT	CURB & GUTTER	21.5	LF	
US 71 @ PASEO BLVD	19+14.90	19+39.80	LT	SIDEWALK	15.9	SY	5' SAWCUT
US 71 @ 29TH ST	7+12.20	7+84.70	LT	SIDEWALK	48.0	SY	5' SAWCUT
US 71 @ 29TH ST	7+44.80	8+18.60	RT	SIDEWALK	39.1	SY	5' SAWCUT
US 71 @ 29TH ST	7+67.30	7+93.50	LT	CURB & GUTTER	33.8	LF	
US 71 @ 29TH ST	7+86.50	8+29.20	RT	CURB & GUTTER	48.9	LF	
US 71 @ 29TH ST	8+36.30	8+42.20	LT	CURB & GUTTER	16.0	LF	
US 71 @ 29TH ST	8+39.40	11+56.80	LT	SIDEWALK	170.6	SY	
US 71 @ 29TH ST	8+58.50	8+60.60	RT	CURB & GUTTER	14.7	LF	
US 71 @ 29TH ST	8+60.10	11+66.60	RT	SIDEWALK	172.3	SY	

REMOVAL OF IMPROVEMENTS (TABLE 2 OF 3)

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
US 71 @ 29TH ST	11+53.10	11+59.80	LT	CURB & GUTTER	16.0	LF	
US 71 @ 29TH ST	11+63.90	11+68.00	RT	CURB & GUTTER	11.6	LF	
US 71 @ 29TH ST	11+88.70	12+32.80	LT	CURB & GUTTER	50.6	LF	
US 71 @ 29TH ST	11+94.60	12+56.30	LT	SIDEWALK	49.1	SY	5' SAWCUT
US 71 @ 29TH ST	12+28.40	12+51.90	RT	CURB & GUTTER	30.9	LF	
US 71 @ 29TH ST	12+29.00	12+90.10	RT	SIDEWALK	31.7	SY	5' SAWCUT
US 71 @ 31ST ST	7+29.40	7+64.20	LT	SIDEWALK	17.8	SY	5' SAWCUT
US 71 @ 31ST ST	7+50.00	7+70.50	LT	CURB & GUTTER	25.3	LF	
US 71 @ 31ST ST	7+50.40	7+83.50	RT	SIDEWALK	19.7	SY	5' SAWCUT
US 71 @ 31ST ST	7+73.10	7+92.50	RT	CURB & GUTTER	24.5	LF	
US 71 @ 31ST ST	8+22.20	8+54.30	LT	CURB & GUTTER	38.2	LF	
US 71 @ 31ST ST	8+24.30	8+45.60	RT	CURB & GUTTER	32.4	LF	
US 71 @ 31ST ST	8+24.80	8+54.30	LT	SIDEWALK	34.8	SY	9' SAWCUT
US 71 @ 31ST ST	8+26.80	8+62.90	RT	SIDEWALK	41.5	SY	9' SAWCUT
US 71 @ 31ST ST	11+49.00	11+76.80	LT	SIDEWALK	26.4	SY	7' SAWCUT
US 71 @ 31ST ST	11+54.40	11+79.10	RT	SIDEWALK	26.3	SY	7' SAWCUT
US 71 @ 31ST ST	11+61.70	11+78.90	LT	CURB & GUTTER	31.3	LF	
US 71 @ 31ST ST	11+71.60	11+81.30	RT	CURB & GUTTER	24.6	LF	
US 71 @ 31ST ST	12+05.30	12+15.70	LT	CURB & GUTTER	17.5	LF	
US 71 @ 31ST ST	12+09.60	12+52.50	LT	SIDEWALK	23.8	SY	5' SAWCUT
US 71 @ 31ST ST	12+33.50	12+66.00	RT	CURB & GUTTER	37.2	LF	
US 71 @ 31ST ST	12+40.30	12+80.70	RT	SIDEWALK	20.6	SY	5' SAWCUT
US 71 @ LINWOOD BLVD	4+34.90	4+83.70	RT	SIDEWALK	50.5	SY	8' SAWCUT, 5' SAWCUT
US 71 @ LINWOOD BLVD	4+44.90	4+92.40	LT	SIDEWALK	47	SY	5' SAWCUT
US 71 @ LINWOOD BLVD	4+58.90	4+97.90	CL	PAVEMENT, CURB, & MED.	109.8	SY	129' SAWCUT
US 71 @ LINWOOD BLVD	4+59.60	4+93.90	LT	CURB & GUTTER	45.9	LF	
US 71 @ LINWOOD BLVD	4+55.50	4+85.00	RT	CURB & GUTTER	37.2	LF	
US 71 @ LINWOOD BLVD	5+24.80	5+25.80	RT	CURB & GUTTER	13.0	LF	
US 71 @ LINWOOD BLVD	5+25.00	5+79.30	RT	SIDEWALK	40.2	SY	6' SAWCUT
US 71 @ LINWOOD BLVD	5+36.00	5+40.70	LT	CURB & GUTTER	20.3	LF	
US 71 @ LINWOOD BLVD	5+36.60	5+79.50	LT	SIDEWALK	30.9	SY	6' SAWCUT
US 71 @ LINWOOD BLVD	8+07.80	8+53.80	RT	SIDEWALK	38.5	SY	7' SAWCUT
US 71 @ LINWOOD BLVD	8+08.00	8+73.40	LT	SIDEWALK	43.4	SY	6' SAWCUT
US 71 @ LINWOOD BLVD	8+55.00	8+56.20	RT	CURB & GUTTER	19.5	LF	
US 71 @ LINWOOD BLVD	8+74.00	8+76.90	LT	CURB & GUTTER	17.5	LF	
US 71 @ LINWOOD BLVD	8+94.60	9+11.10	RT	CURB & GUTTER	23.9	LF	
US 71 @ LINWOOD BLVD	8+99.70	9+37.70	RT	SIDEWALK	32.9	SY	8' SAWCUT
US 71 @ LINWOOD BLVD	9+02.80	9+12.80	LT	CURB & GUTTER	18.6	LF	
US 71 @ LINWOOD BLVD	9+07.00	9+52.60	LT	SIDEWALK	28.4	SY	5' SAWCUT
US 71 @ 43RD ST	6+74.90	7+03.50	LT	SIDEWALK	14.4	SY	5' SAWCUT
US 71 @ 43RD ST	6+76.70	7+02.90	RT	SIDEWALK	12.6	SY	5' SAWCUT
US 71 @ 43RD ST	6+93.30	7+13.40	LT	CURB & GUTTER	27.0	LF	
US 71 @ 43RD ST	6+95.00	7+19.60	RT	CURB & GUTTER	36.8	LF	
US 71 @ 43RD ST	7+46.10	7+74.30	LT	CURB & GUTTER	45.5	LF	
US 71 @ 43RD ST	7+49.10	7+74.70	RT	CURB & GUTTER	44.9	LF	
US 71 @ 43RD ST	7+50.60	7+74.30	LT	SIDEWALK	19.7	SY	7' SAWCUT
US 71 @ 43RD ST	7+51.70	7+74.70	RT	SIDEWALK	19.4	SY	8' SAWCUT
US 71 @ 43RD ST	10+38.40	10+68.00	LT	SIDEWALK	21.0	SY	5' SAWCUT
US 71 @ 43RD ST	10+43.90	10+70.50	RT	SIDEWALK	21.0	SY	6' SAWCUT
US 71 @ 43RD ST	10+58.30	10+68.40	LT	CURB & GUTTER	16.4	LF	
US 71 @ 43RD ST	10+58.50	10+71.20	RT	CURB & GUTTER	28.6	LF	
US 71 @ 43RD ST	11+01.90	11+25.80	LT	CURB & GUTTER	29.8	LF	
US 71 @ 43RD ST	11+07.70	11+39.00	LT	SIDEWALK	16.2	SY	5' SAWCUT
US 71 @ 43RD ST	11+14.00	11+32.20	RT	CURB & GUTTER	21.5	LF	
US 71 @ 43RD ST	11+17.10	11+52.60	RT	SIDEWALK	18.0	SY	5' SAWCUT
US 71 @ 55TH ST	6+79.70	7+11.00	LT	SIDEWALK	19.7	SY	5' SAWCUT
US 71 @ 55TH ST	6+85.00	7+19.20	RT	SIDEWALK	18.8	SY	5' SAWCUT
US 71 @ 55TH ST	7+05.50	7+16.10	LT	CURB & GUTTER	18.5	LF	
US 71 @ 55TH ST	7+16.50	7+23.60	RT	CURB & GUTTER	15.3	LF	
US 71 @ 55TH ST	10+08.00	10+09.00	RT	PAVEMENT GRINDING	1.0	SY	REMOVE ASPHALT LIP
US 71 @ 55TH ST	10+63.70	10+64.70	LT	PAVEMENT GRINDING	1.0	SY	REMOVE ASPHALT LIP
US 71 @ 59TH ST	6+77.00	7+16.00	RT	SIDEWALK	26.7	SY	5' SAWCUT
US 71 @ 59TH ST	7+01.80	7+18.40	RT	CURB & GUTTER	22.5	LF	
US 71 @ 59TH ST	7+70.90	7+76.10	RT	CURB & GUTTER	21.6	LF	
US 71 @ 59TH ST	7+73.30	7+83.80	RT	SIDEWALK	6.42	SY	6' SAWCUT
US 71 @ 59TH ST	10+01.40	10+02.40	LT	PAVEMENT GRINDING	1.0	SY	REMOVE ASPHALT LIP
US 71 @ 59TH ST	10+48.30	10+60.40	LT	CURB	13.8	LF	
US 71 @ 59TH ST	10+51.30	10+95.00	LT	CUT-THRU	31.8	SY	
US 71 @ 59TH ST	10+88.70	10+96.10	LT	CURB	15.4	LF	

US 71
SUMMARY OF QUANTITIES
SHEET 1 OF 18

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

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

DATE PREPARED	
11/14/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	3
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

REMOVAL OF IMPROVEMENTS (TABLE 3 OF 3)

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
US 71 @ MEYER BLVD	11+83.70	11+98.50	RT	CURB & GUTTER	20.6	LF	
US 71 @ MEYER BLVD	11+87.70	12+34.50	RT	CUT-THRU	75.2	SY	
US 71 @ MEYER BLVD	11+97.60	12+17.00	RT	CURB & GUTTER	28.3	LF	
US 71 @ MEYER BLVD	12+04.00	12+12.90	RT	SIDEWALK	19.2	SY	7' SAWCUT
US 71 @ MEYER BLVD	12+04.10	12+17.10	RT	CURB & GUTTER	14.4	LF	
US 71 @ MEYER BLVD	12+12.20	12+29.90	LT	SIDEWALK	21.6	SY	7' SAWCUT
US 71 @ MEYER BLVD	12+13.70	12+34.00	LT	CURB & GUTTER	23.3	LF	
US 71 @ MEYER BLVD	12+27.70	12+30.70	RT	CURB & GUTTER	17.7	LF	
US 71 @ GREGORY BLVD	6+70.00	7+25.40	RT	SIDEWALK	49.9	SY	5' SAWCUT
US 71 @ GREGORY BLVD	6+88.90	7+26.70	RT	CURB & GUTTER	53.9	LF	
US 71 @ GREGORY BLVD	7+02.50	7+32.60	CL	PAVEMENT, CURB, & MED.	49.9	SY	92' SAWCUT
US 71 @ GREGORY BLVD	7+81.40	7+81.60	RT	CURB & GUTTER	13.2	LF	
US 71 @ GREGORY BLVD	7+82.20	8+16.30	RT	SIDEWALK	27.1	SY	6' SAWCUT
US 71 @ GREGORY BLVD	10+15.20	10+48.50	RT	SIDEWALK	21.3	SY	6' SAWCUT
US 71 @ GREGORY BLVD	10+47.10	10+49.00	RT	CURB & GUTTER	7.6	LF	
US 71 @ GREGORY BLVD	11+09.40	11+50.10	CL	PAVEMENT, CURB, & MED.	73.3	SY	124' SAWCUT
US 71 @ GREGORY BLVD	11+25.50	11+51.50	RT	CURB & GUTTER	19.5	LF	
US 71 @ GREGORY BLVD	11+28.40	11+49.70	RT	CUT-THRU	15.8	SY	
US 71 @ GREGORY BLVD	11+25.50	11+51.50	RT	CURB & GUTTER	9.7	LF	
				TOTAL	1 LUMP SUM		

CONCRETE PAVEMENT

ROUTE	STA.	STA.	LOCATION	CONCRETE PAVEMENT (10 IN. NON-REINF)	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	REMARKS
				SY	SY	
US 71 @ LINWOOD BLVD	4+59.10	4+94.50	LT & RT	110.6	110.6	LINWOOD BLVD TOTAL AREA = 110.6 SY
US 71 @ 55TH ST	7+71.50	7+77.70	RT	8.9	8.9	55TH ST TOTAL AREA = 8.9 SY
US 71 @ GREGORY BLVD	7+02.60	7+32.60	LT & RT	53.2	53.2	
US 71 @ GREGORY BLVD	11+10.50	11+45.40	LT & RT	97.0	97.0	GREGORY BLVD TOTAL AREA = 150.2 SY
			TOTAL	269.7	269.7	

CONCRETE MEDIAN STRIP

ROUTE	STA.	STA.	LOCATION	8 IN. CONCRETE MEDIAN STRIP	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				SY	SY	
US 71 @ TRUMAN RD	4+59.30	4+74.10	RT	6.1	6.1	
US 71 @ TRUMAN RD	5+23.50	5+31.20	RT	2.3	2.3	
US 71 @ TRUMAN RD	8+65.60	8+74.00	RT	2.4	2.4	
US 71 @ TRUMAN RD	9+27.90	9+44.90	RT	7.6	7.6	TRUMAN RD TOTAL AREA = 18.4 SY
US 71 @ 22ND ST	12+06.40	12+29.60	RT	12.6	12.6	22ND ST TOTAL AREA = 12.6 SY
US 71 @ 29TH ST	7+79.50	7+84.30	LT	0.9	0.9	
US 71 @ 29TH ST	7+95.90	8+17.80	RT	9.9	9.9	
US 71 @ 29TH ST	12+00.60	12+21.80	LT	11.0	11.0	
US 71 @ 29TH ST	12+34.70	12+45.30	RT	4.0	4.0	29TH ST TOTAL AREA = 25.8 SY
US 71 @ 31ST ST	8+25.30	8+33.90	LT	3.7	3.7	
US 71 @ 31ST ST	8+26.20	8+35.80	RT	4.7	4.7	
US 71 @ 31ST ST	11+61.70	11+74.70	LT	2.6	2.6	
US 71 @ 31ST ST	11+71.60	11+78.70	RT	1.6	1.6	31ST ST TOTAL AREA = 12.6 SY
US 71 @ LINWOOD BLVD	4+59.10	4+94.50	LT & RT	63.8	63.8	
US 71 @ LINWOOD BLVD	4+72.00	4+89.10	LT	9.0	9.0	
US 71 @ LINWOOD BLVD	4+72.40	4+78.00	RT	1.6	1.6	LINWOOD BLVD TOTAL AREA = 74.4 SY
US 71 @ 43RD ST	10+58.40	10+68.60	RT	3.3	3.3	43RD ST TOTAL AREA = 3.3 SY
US 71 @ MEYER BLVD	12+03.70	12+04.10	RT	9.4	9.4	
US 71 @ MEYER BLVD	12+11.80	12+22.20	LT	6.9	6.9	MEYER BLVD TOTAL AREA = 16.3 SY
US 71 @ GREGORY BLVD	7+02.60	7+32.60	LT & RT	36.3	36.3	
US 71 @ GREGORY BLVD	7+12.30	7+18.00	RT	1.8	1.8	
US 71 @ GREGORY BLVD	11+10.50	11+45.40	LT & RT	41.8	41.8	
US 71 @ GREGORY BLVD	11+30.80	11+47.80	RT	5.6	5.6	GREGORY BLVD TOTAL AREA = 85.5 SY
			TOTAL	248.9	248.9	

PAVED APPROACH

ROUTE	STA.	STA.	LOCATION	PAVED APPROACH, 8 IN.	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	LINEAR GRADING CLASS 1	REMARKS
				SY	SY	LF	
US 71 @ TRUMAN RD	4+22.90	5+03.90	LT	23.3	23.3	10.5	
US 71 @ TRUMAN RD	7+37.10	7+71.30	LT	30.0	30.0	10.5	
			TOTAL	53.3	53.3	21.0	

US 71

SUMMARY OF QUANTITIES

SHEET 2 OF 18

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

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

DATE PREPARED 11/14/2025
ROUTE VAR. | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY JACKSON
JOB NO. J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

CURB AND GUTTER (TABLE 1 OF 2)								
ROUTE	STA.	STA.	LOCATION	CONCRETE CURB TYPE S (6 IN. HEIGHT AND UNDER)	MODIFIED S-CURB (OVER 6 IN. HEIGHT)	CURB AND GUTTER TYPE B	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				LF	LF	LF	SY	
US 71 @ TRUMAN RD	4+23.00	5+02.90	LT	82.5			18.3	
US 71 @ TRUMAN RD	4+63.20	4+84.50	RT			38.3	19.2	
US 71 @ TRUMAN RD	5+20.50	6+01.30	RT	80.0		28.0	31.8	
US 71 @ TRUMAN RD	5+34.00	7+37.20	LT	203.0			45.1	
US 71 @ TRUMAN RD	7+71.30	9+15.00	LT	143.8			32.0	
US 71 @ TRUMAN RD	7+72.30	8+76.70	RT	104.0		27.0	36.6	
US 71 @ TRUMAN RD	9+12.40	9+54.90	RT			50.7	25.4	
US 71 @ TRUMAN RD	9+21.10	10+47.90	LT	126.9			28.2	TRUMAN RD TOTAL LENGTH = 884.2 LF
US 71 @ 22ND ST	6+66.70	6+99.30	LT		30.0	43.7	28.5	
US 71 @ 22ND ST	7+16.20	7+25.30	LT	25.0			5.6	
US 71 @ 22ND ST	7+60.60	7+64.90	LT	20.0			4.4	
US 71 @ 22ND ST	7+61.00	7+62.80	LT			38.0	19.0	
US 71 @ 22ND ST	7+77.90	7+97.50	RT			22.1	11.1	
US 71 @ 22ND ST	7+90.00	8+14.30	LT			38.5	19.3	
US 71 @ 22ND ST	8+41.10	8+69.50	RT			36.0	18.0	
US 71 @ 22ND ST	11+91.10	12+32.70	LT			50.2	25.1	
US 71 @ 22ND ST	11+97.40	12+36.60	RT			36.0	18.0	
US 71 @ 22ND ST	12+62.10	12+64.40	RT	19.5			4.3	
US 71 @ 22ND ST	12+96.70	13+03.40	RT	21.0			4.7	
US 71 @ 22ND ST	13+21.40	13+42.60	RT			27.1	13.6	22ND ST TOTAL LENGTH = 407.1 LF
US 71 @ PASEO BLVD	13+32.60	13+44.50	LT			13.7	6.9	
US 71 @ PASEO BLVD	13+42.80	13+54.50	LT	14.0			3.1	
US 71 @ PASEO BLVD	13+77.00	13+78.20	LT	12.0			2.7	
US 71 @ PASEO BLVD	13+98.80	13+99.70	LT			11.1	5.6	
US 71 @ PASEO BLVD	17+19.80	17+20.90	RT			18.3	9.2	
US 71 @ PASEO BLVD	17+55.50	17+70.90	RT			19.9	10.0	
US 71 @ PASEO BLVD	17+82.50	17+91.90	LT			15.9	8.0	
US 71 @ PASEO BLVD	18+17.30	18+33.00	LT	47.0			10.4	
US 71 @ PASEO BLVD	18+93.00	19+05.20	LT	18.0			4.0	
US 71 @ PASEO BLVD	19+11.40	19+25.40	LT			21.5	10.8	PASEO BLVD TOTAL LENGTH = 191.4 LF
US 71 @ 29TH ST	7+67.30	7+93.50	LT			33.8	16.9	
US 71 @ 29TH ST	7+86.50	8+29.20	RT			49.0	24.5	
US 71 @ 29TH ST	8+36.30	8+42.20	LT			16.0	8.0	
US 71 @ 29TH ST	8+58.50	8+60.60	RT			14.7	7.4	
US 71 @ 29TH ST	11+53.10	11+59.80	LT			16.1	8.1	
US 71 @ 29TH ST	11+63.90	11+68.00	RT			12.0	6.0	
US 71 @ 29TH ST	11+88.70	12+32.80	LT			50.6	25.3	
US 71 @ 29TH ST	12+28.40	12+51.90	RT			33.0	16.5	29TH ST TOTAL LENGTH = 225.2 LF
US 71 @ 31ST ST	7+50.00	7+70.50	LT			25.3	12.7	
US 71 @ 31ST ST	7+73.10	7+92.50	RT			24.5	12.3	
US 71 @ 31ST ST	8+22.20	8+54.30	LT			38.3	19.2	
US 71 @ 31ST ST	8+24.30	8+45.60	RT			32.5	16.3	
US 71 @ 31ST ST	11+61.70	11+78.90	LT			31.3	15.7	
US 71 @ 31ST ST	11+71.60	11+81.30	RT			24.7	12.4	
US 71 @ 31ST ST	12+05.30	12+15.70	LT			17.6	8.8	
US 71 @ 31ST ST	12+33.50	12+66.00	RT			37.3	18.7	31ST ST TOTAL LENGTH = 231.5 LF
US 71 @ LINWOOD BLVD	4+59.60	4+93.90	LT			46.0	23.0	
US 71 @ LINWOOD BLVD	4+55.50	4+85.00	RT			37.8	18.9	
US 71 @ LINWOOD BLVD	5+24.80	5+25.80	RT			13.0	6.5	
US 71 @ LINWOOD BLVD	5+36.00	5+40.70	LT			20.3	10.2	
US 71 @ LINWOOD BLVD	8+55.00	8+56.20	RT			19.6	9.8	
US 71 @ LINWOOD BLVD	8+74.00	8+76.90	LT			17.6	8.8	
US 71 @ LINWOOD BLVD	8+94.60	9+11.10	RT			24.0	12.0	
US 71 @ LINWOOD BLVD	9+02.80	9+12.80	LT			18.6	9.3	LINWOOD BLVD TOTAL LENGTH = 196.9 LF
SUBTOTAL 1				916.7	30.0	1189.6	806.2	

US 71
SUMMARY OF QUANTITIES
SHEET 3 OF 18

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

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

DATE PREPARED 11/14/2025
ROUTE VAR. | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY JACKSON
JOB NO. J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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

CURB AND GUTTER (TABLE 2 OF 2)								
ROUTE	STA.	STA.	LOCATION	CONCRETE CURB TYPE S (6 IN. HEIGHT AND UNDER)	CONCRETE CURB TYPE S (OVER 6 IN. HEIGHT)	CURB AND GUTTER TYPE B	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				LF	LF	LF	SY	
US 71 @ 43RD ST	6+93.30	7+13.40	LT			27.1	13.6	
US 71 @ 43RD ST	6+95.00	7+19.60	RT			36.8	18.4	
US 71 @ 43RD ST	7+46.10	7+74.30	LT			45.5	22.8	
US 71 @ 43RD ST	7+49.10	7+74.70	RT			45.0	22.5	
US 71 @ 43RD ST	10+58.30	10+68.40	LT			16.4	8.2	
US 71 @ 43RD ST	10+58.50	10+71.20	RT			29.5	14.8	
US 71 @ 43RD ST	11+01.90	11+25.80	LT			29.8	14.9	
US 71 @ 43RD ST	11+14.00	11+32.20	RT			21.6	10.8	43RD ST TOTAL LENGTH = 251.7 LF
US 71 @ 55TH ST	7+05.50	7+16.10	LT			18.6	9.3	
US 71 @ 55TH ST	7+16.50	7+23.60	RT			15.4	7.7	55TH ST TOTAL LENGTH = 85.4 LF
US 71 @ 59TH ST	7+01.80	7+18.40	RT			22.6	11.3	
US 71 @ 59TH ST	7+70.90	7+76.10	RT			21.7	10.9	
US 71 @ 59TH ST	10+48.30	10+60.40	LT	21.4			4.8	
US 71 @ 59TH ST	10+88.70	10+96.10	LT	15.5			3.5	59TH ST TOTAL LENGTH = 81.2 LF
US 71 @ MEYER BLVD	9+72.40	8+76.80	RT	10.0			2.3	
US 71 @ MEYER BLVD	11+83.70	12+33.20	RT			56.3	28.2	
US 71 @ MEYER BLVD	11+97.60	12+17.00	RT			28.3	14.2	
US 71 @ MEYER BLVD	12+13.70	12+34.00	LT			23.3	11.7	MEYER BLVD TOTAL LENGTH = 117.9 LF
US 71 @ GREGORY BLVD	6+88.90	7+26.70	RT			53.9	27.0	
US 71 @ GREGORY BLVD	7+81.40	7+81.60	RT			13.2	6.6	
US 71 @ GREGORY BLVD	10+47.10	10+49.00	RT			9.6	4.8	
US 71 @ GREGORY BLVD	11+25.50	11+51.50	RT			29.1	14.6	GREGORY BLVD TOTAL LENGTH = 105.8 LF
SUBTOTAL 2				46.9	0.0	543.7	282.9	
SUBTOTAL 1				916.7	30.0	1189.6	806.2	
TOTAL				963.6	30.0	1733.3	1089.1	

US 71
SUMMARY OF QUANTITIES
SHEET 4 OF 18

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

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

DATE PREPARED
11/14/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
JACKSON
JOB NO.
J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

CONCRETE CURB RAMP

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB RAMP SY	TRUNCATED DOMES SF	REMARKS
US 71 @ TRUMAN RD	4+53.20	4+79.30	RT	22.2	15.7	
US 71 @ TRUMAN RD	5+23.30	5+35.10	RT	11.1	12.0	
US 71 @ TRUMAN RD	8+59.00	8+75.90	RT	10.4	10.0	
US 71 @ TRUMAN RD	9+21.40	9+44.90	RT	11.8	8.0	TRUMAN RD CURB RAMP AREA = 55.5 SY
US 71 @ 22ND ST	6+80.30	6+96.40	LT	12.9	12.1	
US 71 @ 22ND ST	7+18.70	7+64.30	LT	37.4	26.0	
US 71 @ 22ND ST	7+91.90	8+04.30	LT	12.5	10.0	
US 71 @ 22ND ST	7+70.60	7+94.20	RT	12.9	22.9	
US 71 @ 22ND ST	8+41.70	8+55.70	RT	12.6	17.7	
US 71 @ 22ND ST	11+94.20	12+13.60	LT	15.0	13.6	
US 71 @ 22ND ST	12+06.40	12+33.60	RT	21.0	10.0	
US 71 @ 22ND ST	12+58.40	13+02.30	RT	33.2	20.0	
US 71 @ 22ND ST	13+24.60	13+43.90	RT	15.6	10.0	22ND ST CURB RAMP AREA = 173.1 SY
US 71 @ PASEO BLVD	17+05.50	17+18.20	RT	13.7	14.0	
US 71 @ PASEO BLVD	17+67.50	17+87.30	LT	13.5	10.0	
US 71 @ PASEO BLVD	17+60.60	17+82.50	RT	14.8	16.0	
US 71 @ PASEO BLVD	18+11.70	18+30.50	LT	13.3	10.0	
US 71 @ PASEO BLVD	18+82.20	18+99.70	LT	13.6	10.0	
US 71 @ PASEO BLVD	19+14.20	19+32.60	LT	14.8	10.0	
US 71 @ PASEO BLVD	13+26.00	13+40.40	LT	14.6	10.0	
US 71 @ PASEO BLVD	13+46.10	13+77.50	LT	26.0	20.0	
US 71 @ PASEO BLVD	14+02.10	14+15.90	LT	10.7	10.0	PASEO BLVD CURB RAMP AREA = 135.0 SY
US 71 @ 29TH ST	7+66.30	7+88.90	LT	18.3	20.0	
US 71 @ 29TH ST	7+82.40	8+23.80	RT	32.2	26.0	
US 71 @ 29TH ST	8+40.10	8+58.80	LT	14.2	10.0	
US 71 @ 29TH ST	8+60.60	8+77.10	RT	13.2	10.0	
US 71 @ 29TH ST	11+41.60	11+56.80	LT	12.3	10.0	
US 71 @ 29TH ST	11+53.10	11+67.90	RT	11.2	10.0	
US 71 @ 29TH ST	11+94.60	12+37.60	LT	34.5	26.0	
US 71 @ 29TH ST	12+30.30	12+60.00	RT	24.6	20.0	29TH CURB RAMP AREA = 160.5 SY
US 71 @ 31ST ST	7+44.30	7+65.30	LT	13.6	17.9	
US 71 @ 31ST ST	7+68.40	7+87.50	RT	12.5	16.5	
US 71 @ 31ST ST	8+25.30	8+38.90	LT	12.7	14.0	
US 71 @ 31ST ST	8+26.70	8+40.60	RT	11.7	12.0	
US 71 @ 31ST ST	11+61.70	11+76.80	LT	15.2	16.0	
US 71 @ 31ST ST	11+70.20	11+78.30	RT	7.6	14.0	
US 71 @ 31ST ST	12+10.20	12+28.50	LT	12.8	10.8	
US 71 @ 31ST ST	12+39.90	12+62.30	RT	14.4	18.5	31ST ST CURB RAMP AREA = 100.5 SY
US 71 @ LINWOOD BLVD	4+55.00	4+92.40	LT	36.7	26.0	
US 71 @ LINWOOD BLVD	4+65.10	4+72.20	LT & RT	15.4	28.0	
US 71 @ LINWOOD BLVD	4+57.40	4+82.40	RT	33.3	30.2	
US 71 @ LINWOOD BLVD	5+25.40	5+39.20	RT	12.9	12.0	
US 71 @ LINWOOD BLVD	5+36.30	5+52.00	LT	14.2	11.9	
US 71 @ LINWOOD BLVD	8+43.60	8+54.10	RT	12.5	16.0	
US 71 @ LINWOOD BLVD	8+67.00	8+73.50	LT	6.0	12.0	
US 71 @ LINWOOD BLVD	8+99.10	9+20.70	RT	20.2	23.3	
US 71 @ LINWOOD BLVD	9+07.60	9+27.70	LT	16.7	12.0	LINWOOD BLVD CURB RAMP AREA = 167.9 SY
US 71 @ 43RD ST	6+96.20	7+09.50	LT	8.6	10.0	
US 71 @ 43RD ST	7+03.10	7+14.70	RT	8.0	10.0	
US 71 @ 43RD ST	7+49.20	7+59.90	LT	14.6	10.0	
US 71 @ 43RD ST	7+49.60	7+60.10	RT	16.7	12.0	
US 71 @ 43RD ST	10+55.00	10+66.50	LT	7.9	10.0	
US 71 @ 43RD ST	10+56.90	10+70.30	RT	11.5	10.0	
US 71 @ 43RD ST	11+10.10	11+27.40	LT	10.3	15.2	
US 71 @ 43RD ST	11+18.10	11+35.10	RT	10.2	14.1	43RD ST CURB RAMP AREA = 87.8 SY
US 71 @ 55TH ST	6+96.20	7+11.80	LT	15.3	14.0	
US 71 @ 55TH ST	7+00.70	7+19.20	RT	15.4	10.0	55TH ST CURB RAMP AREA = 30.7 SY
US 71 @ 59TH ST	6+89.50	7+11.90	RT	15.1	15.9	
US 71 @ 59TH ST	7+73.70	7+83.80	RT	8.3	10.2	
US 71 @ 59TH ST	10+51.00	10+94.90	LT	36.3	28.0	59TH ST CURB RAMP AREA = 59.7 SY
US 71 @ MEYER BLVD	11+87.40	12+30.90	RT	61.9	57.7	
US 71 @ MEYER BLVD	12+04.70	12+12.50	RT	11.1	12.0	
US 71 @ MEYER BLVD	12+16.50	12+29.50	LT	12.9	12.0	MEYER BLVD CURB RAMP AREA = 85.9 SY
US 71 @ GREGORY BLVD	7+07.70	7+13.70	LT & RT	8.6	24.1	
US 71 @ GREGORY BLVD	7+02.30	7+23.20	RT	17.6	26.3	
US 71 @ GREGORY BLVD	7+82.10	8+00.50	RT	16.7	12.0	
US 71 @ GREGORY BLVD	10+39.90	10+47.90	RT	7.7	12.0	
US 71 @ GREGORY BLVD	11+20.80	11+28.70	LT & RT	9.7	24.5	
US 71 @ GREGORY BLVD	11+27.60	11+50.20	RT	15.6	30.0	GREGORY BLVD CURB RAMP AREA = 75.9 SY
			TOTAL	1132.5	1101.1	

INTEGRAL CURB INCLUDED IN CURB RAMP COST

SIDEWALK

ROUTE	STA.	STA.	LOCATION	CONCRETE SIDEWALK (4 IN.) SY	REMARKS
US 71 @ TRUMAN RD	4+23.00	5+04.00	LT	88.4	
US 71 @ TRUMAN RD	4+38.10	4+53.20	RT	18.3	
US 71 @ TRUMAN RD	4+71.00	4+79.30	RT	11	
US 71 @ TRUMAN RD	5+22.60	7+42.00	LT	241.4	
US 71 @ TRUMAN RD	5+35.10	6+01.70	RT	68.3	
US 71 @ TRUMAN RD	7+66.30	10+49.60	LT	311.8	
US 71 @ TRUMAN RD	7+72.30	8+59.00	RT	89.2	
US 71 @ TRUMAN RD	9+44.90	9+54.70	RT	12.5	TRUMAN RD S/W AREA = 840.9 SY
US 71 @ 22ND ST	6+60.50	6+84.40	LT	14.5	
US 71 @ 22ND ST	7+97.20	8+14.30	LT	11.8	
US 71 @ 22ND ST	6+71.60	7+70.60	RT	55.0	
US 71 @ 22ND ST	8+55.70	8+69.50	RT	10.8	
US 71 @ 22ND ST	11+97.40	12+06.40	RT	9.2	
US 71 @ 22ND ST	12+13.60	12+49.70	LT	23.3	
US 71 @ 22ND ST	13+43.90	13+55.70	RT	5.9	22ND ST S/W AREA = 130.5 SY
US 71 @ PASEO BLVD	16+48.80	17+05.50	RT	45.7	
US 71 @ PASEO BLVD	17+57.30	17+67.50	LT	5.6	
US 71 @ PASEO BLVD	17+82.50	18+04.60	RT	13.8	
US 71 @ PASEO BLVD	18+30.50	18+41.70	LT	6.0	
US 71 @ PASEO BLVD	18+70.90	18+82.20	LT	5.6	
US 71 @ PASEO BLVD	19+32.60	19+39.80	LT	5.7	
US 71 @ PASEO BLVD	13+16.50	13+26.00	LT	5.6	
US 71 @ PASEO BLVD	14+15.90	14+26.20	LT	5.6	PASEO BLVD S/W AREA = 93.6 SY
US 71 @ 29TH ST	7+12.70	7+66.30	LT	29.9	
US 71 @ 29TH ST	7+44.70	7+82.40	RT	21.0	
US 71 @ 29TH ST	8+58.80	11+41.60	LT	239.9	
US 71 @ 29TH ST	8+77.10	11+53.10	RT	277.5	
US 71 @ 29TH ST	12+37.60	12+56.10	LT	10.4	
US 71 @ 29TH ST	12+60.00	12+90.60	RT	17.3	29TH S/W AREA = 596.0 SY
US 71 @ 31ST ST	7+29.40	7+44.30	LT	8.5	
US 71 @ 31ST ST	7+49.50	7+68.40	RT	10.8	
US 71 @ 31ST ST	8+38.90	8+54.30	LT	15.7	
US 71 @ 31ST ST	8+40.60	8+62.80	RT	21.7	
US 71 @ 31ST ST	11+49.00	11+74.70	LT	13.6	
US 71 @ 31ST ST	11+54.70	11+78.60	RT	13.2	
US 71 @ 31ST ST	12+28.50	12+52.40	LT	15.4	
US 71 @ 31ST ST	12+62.30	12+80.40	RT	10.1	31ST ST S/W AREA = 109.0 SY
US 71 @ LINWOOD BLVD	4+34.90	4+57.40	RT	19.4	
US 71 @ LINWOOD BLVD	4+44.90	4+55.00	LT	5.6	
US 71 @ LINWOOD BLVD	4+76.40	4+81.50	RT	5.6	
US 71 @ LINWOOD BLVD	5+39.20	5+79.30	RT	26.7	
US 71 @ LINWOOD BLVD	5+52.00	5+79.50	LT	18.4	
US 71 @ LINWOOD BLVD	8+07.80	8+43.60	RT	31.5	
US 71 @ LINWOOD BLVD	8+08.00	8+67.00	LT	39.4	
US 71 @ LINWOOD BLVD	9+20.70	9+37.70	RT	15.2	
US 71 @ LINWOOD BLVD	9+27.70	9+52.60	LT	16.6	LINWOOD BLVD S/W AREA = 178.4 SY
US 71 @ 43RD ST	6+74.90	6+96.20	LT	13.2	
US 71 @ 43RD ST	6+76.70	7+03.10	RT	17.6	
US 71 @ 43RD ST	7+59.90	7+74.30	LT	11.2	
US 71 @ 43RD ST	7+60.10	7+74.70	RT	14.8	
US 71 @ 43RD ST	10+38.30	10+55.00	LT	9.3	
US 71 @ 43RD ST	10+44.00	10+56.90	RT	8.5	
US 71 @ 43RD ST	11+27.40	11+39.00	LT	6.5	
US 71 @ 43RD ST	11+35.10	11+52.70	RT	9.3	43RD ST S/W AREA = 90.4 SY
US 71 @ 55TH ST	6+79.70	6+96.20	LT	9.1	
US 71 @ 55TH ST	6+85.00	7+00.70	RT	8.5	55TH ST S/W AREA = 17.6 SY
US 71 @ 59TH ST	6+77.00	6+89.50	RT	7.2	59TH ST S/W AREA = 7.2 SY
US 71 @ MEYER BLVD	12+12.20	12+22.10	LT	7.6	
US 71 @ MEYER BLVD	12+04.20	12+10.70	RT	8.4	MEYER BLVD S/W AREA = 16.0 SY
US 71 @ GREGORY BLVD	6+70.10	7+02.30	RT	19.1	
US 71 @ GREGORY BLVD	8+00.50	8+16.30	RT	10.7	
US 71 @ GREGORY BLVD	10+15.20	10+39.90	RT	17.2	GREGORY BLVD S/W AREA = 47.0 SY
			TOTAL	2126.6	

US 71
SUMMARY OF QUANTITIES
SHEET 5 OF 18

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

DATE PREPARED 11/14/2025
ROUTE VAR. | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY JACKSON
JOB NO. J4P3268H
CONTRACT ID.
PROJECT NO.
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DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

SEEDING AND MULCHING

ROUTE	STA.	STA.	LOCATION	SEEDING	MULCHING	REMARKS
				SY	SY	
US 71 @ TRUMAN RD	5+22.50	7+42.00	LT	73.3	73.3	
US 71 @ TRUMAN RD	7+66.30	10+49.60	LT	94.3	94.3	
US 71 @ TRUMAN RD	8+54.00	8+76.40	RT	7.5	7.5	
US 71 @ TRUMAN RD	9+13.00	9+54.90	RT	16.0	16.0	TRUMAN RD AREA = 191.1 SY
US 71 @ 22ND ST	6+60.50	6+88.80	LT	12.0	12.0	
US 71 @ 22ND ST	6+71.40	7+93.40	RT	40.7	40.7	
US 71 @ 22ND ST	7+22.60	7+62.80	LT	14.3	14.3	
US 71 @ 22ND ST	7+98.30	8+14.30	LT	9.3	9.3	
US 71 @ 22ND ST	8+41.20	8+69.50	RT	9.3	9.3	
US 71 @ 22ND ST	11+94.50	12+50.40	LT	18.0	18.0	
US 71 @ 22ND ST	11+97.40	12+33.40	RT	12.3	12.3	
US 71 @ 22ND ST	12+60.40	12+99.70	RT	13.0	13.0	
US 71 @ 22ND ST	13+24.70	13+55.60	RT	11.3	11.3	22ND ST AREA = 140.2 SY
US 71 @ PASEO BLVD	19+14.50	19+39.80	LT	8.0	8.0	
US 71 @ PASEO BLVD	18+72.00	18+99.50	LT	9.0	9.0	
US 71 @ PASEO BLVD	18+11.30	18+41.70	LT	9.0	9.0	
US 71 @ PASEO BLVD	17+60.80	18+04.60	RT	16.7	16.7	
US 71 @ PASEO BLVD	17+57.20	17+87.10	LT	10.0	10.0	
US 71 @ PASEO BLVD	16+48.80	17+18.60	RT	24.3	24.3	
US 71 @ PASEO BLVD	14+01.60	14+26.20	LT	8.0	8.0	
US 71 @ PASEO BLVD	13+46.70	13+77.90	LT	12.3	12.3	
US 71 @ PASEO BLVD	13+14.30	13+39.80	LT	8.0	8.0	PASEO BLVD AREA = 105.3 SY
US 71 @ 29TH ST	7+12.40	7+88.70	LT	26.0	26.0	
US 71 @ 29TH ST	7+44.60	8+23.60	RT	26.7	26.7	
US 71 @ 29TH ST	8+39.80	9+25.00	LT	28.4	28.4	
US 71 @ 29TH ST	8+60.10	9+43.00	RT	27.6	27.6	
US 71 @ 29TH ST	10+74.00	11+57.20	LT	27.7	27.7	
US 71 @ 29TH ST	11+15.00	11+68.10	RT	17.7	17.7	
US 71 @ 29TH ST	11+94.80	12+56.20	LT	20.7	20.7	
US 71 @ 29TH ST	12+30.40	12+90.60	RT	20.7	20.7	29TH ST AREA = 195.5 SY
US 71 @ 31ST ST	7+28.90	7+65.00	LT	12.0	12.0	
US 71 @ 31ST ST	7+49.50	7+87.30	RT	13.0	13.0	
US 71 @ 31ST ST	8+24.80	8+54.30	LT	10.0	10.0	
US 71 @ 31ST ST	8+26.50	8+62.80	RT	10.0	10.0	
US 71 @ 31ST ST	11+49.00	11+77.00	LT	10.0	10.0	
US 71 @ 31ST ST	11+54.70	11+78.70	RT	7.3	7.3	
US 71 @ 31ST ST	12+10.20	12+52.40	LT	15.3	15.3	
US 71 @ 31ST ST	12+40.30	12+80.40	RT	13.7	13.7	31ST ST AREA = 91.3 SY
US 71 @ LINWOOD BLVD	4+34.90	4+76.40	RT	21.7	21.7	
US 71 @ LINWOOD BLVD	4+44.60	4+92.40	LT	17.0	17.0	
US 71 @ LINWOOD BLVD	5+24.90	5+79.30	RT	18.3	18.3	
US 71 @ LINWOOD BLVD	5+35.90	5+79.50	LT	14.7	14.7	
US 71 @ LINWOOD BLVD	8+07.80	8+54.10	RT	15.7	15.7	
US 71 @ LINWOOD BLVD	8+08.00	8+74.00	LT	22.0	22.0	
US 71 @ LINWOOD BLVD	8+99.30	9+37.70	RT	12.3	12.3	
US 71 @ LINWOOD BLVD	9+07.00	9+52.60	LT	14.3	14.3	LINWOOD BLVD AREA = 136.0 SY
US 71 @ 43RD ST	6+74.90	7+09.40	LT	12.7	12.7	
US 71 @ 43RD ST	6+76.70	7+14.80	RT	14.7	14.7	
US 71 @ 43RD ST	7+48.70	7+74.30	LT	11.0	11.0	
US 71 @ 43RD ST	7+49.10	7+74.70	RT	11.7	11.7	
US 71 @ 43RD ST	10+38.30	10+66.60	LT	9.7	9.7	
US 71 @ 43RD ST	10+44.00	10+70.70	RT	9.0	9.0	
US 71 @ 43RD ST	11+10.50	11+39.00	LT	10.0	10.0	
US 71 @ 43RD ST	11+18.70	11+52.70	RT	11.3	11.3	43RD ST AREA = 90.1 SY
US 71 @ 55TH ST	6+79.50	7+11.50	LT	12.7	12.7	
US 71 @ 55TH ST	6+84.90	7+19.50	RT	13.0	13.0	55TH ST AREA =25.7 SY
US 71 @ 59TH ST	6+77.00	7+11.60	RT	11.7	11.7	
US 71 @ 59TH ST	7+73.30	7+83.70	RT	3.7	3.7	
US 71 @ 59TH ST	10+51.00	10+95.00	LT	15.0	15.0	59TH ST AREA = 30.4 SY
US 71 @ MEYER BLVD	11+87.50	12+31.60	RT	15.0	15.0	
US 71 @ MEYER BLVD	12+10.10	12+11.50	RT	8.7	8.7	
US 71 @ MEYER BLVD	12+11.80	12+28.70	LT	9.3	9.3	MEYER BLVD AREA = 33.0 SY
US 71 @ GREGORY BLVD	6+70.00	7+23.10	RT	18.7	18.7	
US 71 @ GREGORY BLVD	7+81.50	8+16.30	RT	11.7	11.7	
US 71 @ GREGORY BLVD	10+15.40	10+48.70	RT	11.7	11.7	
US 71 @ GREGORY BLVD	11+27.50	11+50.40	RT	7.7	7.7	GREGORY BLVD AREA = 49.8 SY
			TOTAL (SY)	1088.4	1088.4	

NOTE: ASSUMES 2 FT. WIDE BETWEEN BACK OF CURB TO EDGE OF IMPROVEMENTS WITH 1 FT. WIDE OUTSIDE OF IMPROVEMENTS. (3 FT. TOTAL)

LINEAR GRADING FOR SIDEWALKS

ROUTE	STA.	STA.	LOCATION	LINEAR GRADING FOR SIDEWALKS	REMARKS
				LF	
US 71 @ TRUMAN RD	4+23.00	5+04.00	LT	81.0	
US 71 @ TRUMAN RD	4+38.10	4+71.10	RT	46.0	
US 71 @ TRUMAN RD	5+22.80	6+01.70	RT	79.0	
US 71 @ TRUMAN RD	5+22.50	7+42.00	LT	220.0	
US 71 @ TRUMAN RD	7+66.30	10+49.60	LT	283.0	
US 71 @ TRUMAN RD	7+72.30	8+76.40	RT	104.0	
US 71 @ TRUMAN RD	9+13.00	9+54.90	RT	48.0	TRUMAN RD TOTAL LENGTH = 861.0 LF
US 71 @ 22ND ST	6+60.50	6+88.80	LT	36.0	
US 71 @ 22ND ST	6+71.40	7+93.40	RT	122.0	
US 71 @ 22ND ST	7+22.60	7+62.80	LT	43.0	
US 71 @ 22ND ST	7+98.30	8+14.30	LT	28.0	
US 71 @ 22ND ST	8+41.20	8+69.50	RT	28.0	
US 71 @ 22ND ST	11+94.50	12+50.40	LT	54.0	
US 71 @ 22ND ST	11+97.40	12+33.40	RT	37.0	
US 71 @ 22ND ST	12+60.40	12+99.70	RT	39.0	
US 71 @ 22ND ST	13+24.70	13+55.60	RT	34.0	22ND ST TOTAL LENGTH = 421.0 LF
US 71 @ PASEO BLVD	19+14.50	19+39.80	LT	24.0	
US 71 @ PASEO BLVD	18+72.00	18+99.50	LT	27.0	
US 71 @ PASEO BLVD	18+11.30	18+41.70	LT	27.0	
US 71 @ PASEO BLVD	17+60.80	18+04.60	RT	50.0	
US 71 @ PASEO BLVD	17+57.20	17+87.10	LT	30.0	
US 71 @ PASEO BLVD	16+48.80	17+18.60	RT	73.0	
US 71 @ PASEO BLVD	14+01.60	14+26.20	LT	24.0	
US 71 @ PASEO BLVD	13+46.70	13+77.90	LT	37.0	
US 71 @ PASEO BLVD	13+14.30	13+39.80	LT	24.0	PASEO BLVD TOTAL LENGTH = 316.0 LF
US 71 @ 29TH ST	7+12.40	7+88.70	LT	78.0	
US 71 @ 29TH ST	7+44.60	8+23.60	RT	80.0	
US 71 @ 29TH ST	8+39.80	11+57.20	LT	318.0	
US 71 @ 29TH ST	8+60.10	11+68.10	RT	308.0	
US 71 @ 29TH ST	11+94.80	12+56.20	LT	62.0	
US 71 @ 29TH ST	12+30.40	12+90.60	RT	62.0	29TH ST TOTAL LENGTH =908.0 LF
US 71 @ 31ST ST	7+28.90	7+65.00	LT	36.0	
US 71 @ 31ST ST	7+49.50	7+87.30	RT	39.0	
US 71 @ 31ST ST	8+24.80	8+54.30	LT	30.0	
US 71 @ 31ST ST	8+26.50	8+62.80	RT	30.0	
US 71 @ 31ST ST	11+49.00	11+77.00	LT	30.0	
US 71 @ 31ST ST	11+54.70	11+78.70	RT	22.0	
US 71 @ 31ST ST	12+10.20	12+52.40	LT	46.0	
US 71 @ 31ST ST	12+40.30	12+80.40	RT	41.0	31ST ST TOTAL LENGTH = 274.0 LF
US 71 @ LINWOOD BLVD	4+34.90	4+76.40	RT	65.0	
US 71 @ LINWOOD BLVD	4+44.60	4+92.40	LT	51.0	
US 71 @ LINWOOD BLVD	5+24.90	5+79.30	RT	55.0	
US 71 @ LINWOOD BLVD	5+35.90	5+79.50	LT	44.0	
US 71 @ LINWOOD BLVD	8+07.80	8+54.10	RT	47.0	
US 71 @ LINWOOD BLVD	8+08.00	8+74.00	LT	66.0	
US 71 @ LINWOOD BLVD	8+99.30	9+37.70	RT	37.0	
US 71 @ LINWOOD BLVD	9+07.00	9+52.60	LT	43.0	LINWOOD BLVD TOTAL LENGTH = 408.0 LF
US 71 @ 43RD ST	6+74.90	7+09.40	LT	38.0	
US 71 @ 43RD ST	6+76.70	7+14.80	RT	44.0	
US 71 @ 43RD ST	7+48.70	7+74.30	LT	33.0	
US 71 @ 43RD ST	7+49.10	7+74.70	RT	35.0	
US 71 @ 43RD ST	10+38.30	10+66.60	LT	29.0	
US 71 @ 43RD ST	10+44.00	10+70.70	RT	27.0	
US 71 @ 43RD ST	11+10.50	11+39.00	LT	30.0	
US 71 @ 43RD ST	11+18.70	11+52.70	RT	34.0	43RD ST TOTAL LENGTH = 270.0 LF
US 71 @ 55TH ST	6+79.50	7+11.50	LT	38.0	
US 71 @ 55TH ST	6+84.90	7+19.50	RT	39.0	55TH ST TOTAL LENGTH = 77.0 LF
US 71 @ 59TH ST	6+77.00	7+11.60	RT	35.0	
US 71 @ 59TH ST	7+73.30	7+83.70	RT	11.0	
US 71 @ 59TH ST	10+51.00	10+95.00	LT	45.0	59TH ST TOTAL LENGTH = 91.0 LF
US 71 @ MEYER BLVD	11+87.50	12+31.60	RT	45.0	
US 71 @ MEYER BLVD	12+10.10	12+11.50	RT	26.0	
US 71 @ MEYER BLVD	12+11.80	12+28.70	LT	28.0	MEYER BLVD TOTAL LENGTH = 99.0 LF
US 71 @ GREGORY BLVD	6+70.00	7+23.10	RT	56.0	
US 71 @ GREGORY BLVD	7+81.50	8+16.30	RT	35.0	
US 71 @ GREGORY BLVD	10+15.40	10+48.70	RT	35.0	
US 71 @ GREGORY BLVD	11+27.50	11+50.40	RT	23.0	GREGORY BLVD TOTAL LENGTH = 149.0 LF
			TOTAL (LF)	3874.0	

US 71
SUMMARY OF QUANTITIES
SHEET 6 OF 18

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

DATE PREPARED	
11/14/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	3
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

EROSION CONTROL

ROUTE	STA.	STA.	LOCATION	ALTERNATE DITCH CHECK LF	SILT FENCE LF	SEDIMENT REMOVAL CY	REMARKS
US 71 @ TRUMAN RD	4+23.00	5+04.00	LT		97	1	
US 71 @ TRUMAN RD	4+38.10	4+71.10	RT		50	1	
US 71 @ TRUMAN RD	5+22.80	6+01.70	RT		88	1	
US 71 @ TRUMAN RD	5+22.50	7+42.00	LT		215	2	
US 71 @ TRUMAN RD	7+66.30	10+49.60	LT		283	3	
US 71 @ TRUMAN RD	7+72.30	8+76.40	RT		115	1	
US 71 @ TRUMAN RD	9+13.00	9+54.90	RT		47		TRUMAN RD TOTALS = 895 LF SILT FENCE, 9 CY SEDIMENT REMOVAL
US 71 @ 22ND ST	6+60.50	6+88.80	LT		48	1	
US 71 @ 22ND ST	6+71.40	7+93.40	RT	100	130	8	
US 71 @ 22ND ST	7+22.60	7+62.80	LT		36		
US 71 @ 22ND ST	7+98.30	8+14.30	LT		38		
US 71 @ 22ND ST	8+41.20	8+69.50	RT		34		
US 71 @ 22ND ST	11+94.50	12+50.40	LT		75	1	
US 71 @ 22ND ST	11+97.40	12+33.40	RT		50	1	
US 71 @ 22ND ST	12+60.40	12+99.70	RT		45	1	
US 71 @ 22ND ST	13+24.70	13+55.60	RT		52	1	22ND ST TOTALS = 100 LF DITCH CHECKS, 104 LF SILT FENCE, 3 CY SEDIMENT REMOVAL
US 71 @ PASEO BLVD	19+14.50	19+39.80	LT		35		
US 71 @ PASEO BLVD	18+72.00	18+99.50	LT		25		
US 71 @ PASEO BLVD	18+11.30	18+41.70	LT		22		
US 71 @ PASEO BLVD	17+60.80	18+04.60	RT		54	1	
US 71 @ PASEO BLVD	17+57.20	17+87.10	LT		27		
US 71 @ PASEO BLVD	16+48.80	17+18.60	RT		71	1	
US 71 @ PASEO BLVD	14+01.60	14+26.20	LT		23		
US 71 @ PASEO BLVD	13+46.70	13+77.90	LT		37		
US 71 @ PASEO BLVD	13+14.30	13+39.80	LT		38		PASEO BLVD TOTALS = 332 LF SILT FENCE, 2 CY SEDIMENT REMOVAL
US 71 @ 29TH ST	7+12.40	7+88.70	LT		78	1	
US 71 @ 29TH ST	7+44.60	8+23.60	RT		79	1	
US 71 @ 29TH ST	8+39.80	11+57.20	LT		168	2	
US 71 @ 29TH ST	8+60.10	11+68.10	RT		136	1	
US 71 @ 29TH ST	11+94.80	12+56.20	LT		61	1	
US 71 @ 29TH ST	12+30.40	12+90.60	RT		66	1	29TH ST TOTALS = 895 LF SILT FENCE, 9 CY SEDIMENT REMOVAL
US 71 @ 31ST ST	7+28.90	7+65.00	LT		40		
US 71 @ 31ST ST	7+49.50	7+87.30	RT		43		
US 71 @ 31ST ST	8+24.80	8+54.30	LT		30		
US 71 @ 31ST ST	8+26.50	8+62.80	RT		41		
US 71 @ 31ST ST	11+49.00	11+77.00	LT		19		
US 71 @ 31ST ST	11+54.70	11+78.70	RT		25		
US 71 @ 31ST ST	12+10.20	12+52.40	LT		48	1	
US 71 @ 31ST ST	12+40.30	12+80.40	RT		46	1	31ST ST TOTALS = 292 LF SILT FENCE, 2 CY SEDIMENT REMOVAL
US 71 @ LINWOOD BLVD	4+34.90	4+76.40	RT		42		
US 71 @ LINWOOD BLVD	4+44.60	4+92.40	LT		57	1	
US 71 @ LINWOOD BLVD	5+24.90	5+79.30	RT		54	1	
US 71 @ LINWOOD BLVD	5+35.90	5+79.50	LT		42		
US 71 @ LINWOOD BLVD	8+07.80	8+54.10	RT		45	1	
US 71 @ LINWOOD BLVD	8+08.00	8+74.00	LT		65	1	
US 71 @ LINWOOD BLVD	8+99.30	9+37.70	RT		40		
US 71 @ LINWOOD BLVD	9+07.00	9+52.60	LT		45	1	LINWOOD BLVD TOTALS = 390 LF SILT FENCE, 5 CY SEDIMENT REMOVAL
US 71 @ 43RD ST	6+74.90	7+09.40	LT		40		
US 71 @ 43RD ST	6+76.70	7+14.80	RT		45	1	
US 71 @ 43RD ST	7+48.70	7+74.30	LT		35		
US 71 @ 43RD ST	7+49.10	7+74.70	RT		36		
US 71 @ 43RD ST	10+38.30	10+66.60	LT		16		
US 71 @ 43RD ST	10+44.00	10+70.70	RT		34		
US 71 @ 43RD ST	11+10.50	11+39.00	LT		30		
US 71 @ 43RD ST	11+18.70	11+52.70	RT		37		43RD ST TOTALS = 273 LF SILT FENCE, 1 CY SEDIMENT REMOVAL
US 71 @ 55TH ST	6+79.50	7+11.50	LT		39		
US 71 @ 55TH ST	6+84.90	7+19.50	RT		38		55TH ST TOTALS = 77 LF SILT FENCE
US 71 @ 59TH ST	6+77.00	7+11.60	RT		40		
US 71 @ 59TH ST	7+73.30	7+83.70	RT	20	12	2	
US 71 @ 59TH ST	10+51.00	10+95.00	LT		52	1	59TH ST TOTALS = 20 LF DITCH CHECKS, 104 LF SILT FENCE, 3 CY SEDIMENT REMOVAL
US 71 @ MEYER BLVD	11+87.50	12+31.60	RT		47	1	
US 71 @ MEYER BLVD	12+10.10	12+11.50	RT		26		
US 71 @ MEYER BLVD	12+11.80	12+28.70	LT		30		MEYER BLVD TOTALS = 103 LF SILT FENCE, 1 CY SEDIMENT REMOVAL
US 71 @ GREGORY BLVD	6+70.00	7+23.10	RT		63	1	
US 71 @ GREGORY BLVD	7+81.50	8+16.30	RT		34		
US 71 @ GREGORY BLVD	10+15.40	10+48.70	RT		35		
US 71 @ GREGORY BLVD	11+27.50	11+50.40	RT		25		GREGORY BLVD TOTALS = 157 LF SILT FENCE, 1 CY SEDIMENT REMOVAL
			TOTAL	120	3719	44	

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SUMMARY OF QUANTITIES

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

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	3
COUNTY	JACKSON
JOB NO.	J4P3268H
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

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

PAVEMENT MARKING (PERMANENT)

ROUTE	STA.	LOCATION	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE MIDBLOCK	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE STOP BAR	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. X 36 IN., YIELD LINE TRIANGLE	PAVEMENT MARKING REMOVAL	REMARKS
			LF	LF	EA	LF	
US 71 @ TRUMAN RD	5+01.00	RT	54			100	
US 71 @ TRUMAN RD	8+90.00	RT		34		34	
US 71 @ TRUMAN RD	8+98.70	RT	54			96	TRUMAN RD TOTALS = 18 EA MIDBLOCK, 34 LF STOP BAR, 230 LF REMOVALS
US 71 @ 22ND ST	7+06.70	LT	36			36	
US 71 @ 22ND ST	7+78.20	LT		12		12	
US 71 @ 22ND ST	7+78.50	LT	36			30	
US 71 @ 22ND ST	8+16.40	RT	48			42	
US 71 @ 22ND ST	11+78.50	LT	48			48	
US 71 @ 22ND ST	12+45.50	RT	30			18	
US 71 @ 22ND ST	13+06.40	RT			6		
US 71 @ 22ND ST	13+13.70	RT	30			18	22ND ST TOTALS = 38 EA MIDBLOCK, 12 LF STOP BAR, 6 EA YIELD TRIANGLES, 204 LF REMOVALS
US 71 @ PASEO BLVD	19+07.40	LT	24			46	
US 71 @ PASEO BLVD	18+00.70	LT	24			53	
US 71 @ PASEO BLVD	17+39.50	RT	42			86	
US 71 @ PASEO BLVD	13+87.90	LT	24			44	
US 71 @ PASEO BLVD	13+43.10	LT	24			45	PASEO BLVD TOTALS = 23 EA MIDBLOCK, 274 LF REMOVALS
US 71 @ 29TH ST	7+86.00	LT & RT	48			100	
US 71 @ 29TH ST	8+15.10	LT	54			101	
US 71 @ 29TH ST	8+41.40	RT	36			82	
US 71 @ 29TH ST	11+76.30	LT	36			80	
US 71 @ 29TH ST	12+34.60	LT & RT	48			96	
US 71 @ 29TH ST	12+37.80	LT		10		28	29TH ST TOTALS = 37 EA MIDBLOCK, 10 LF STOP BAR, 487 LF REMOVALS
US 71 @ 31ST ST	7+95.30	LT	72			121	
US 71 @ 31ST ST	8+06.80	RT	48			81	31ST ST TOTALS = 20 EA MIDBLOCK, 202 LF REMOVALS
US 71 @ LINWOOD BLVD	4+68.70	LT	36			96	
US 71 @ LINWOOD BLVD	4+68.70	RT	36	22		135	
US 71 @ LINWOOD BLVD	5+04.00	RT	48			145	
US 71 @ LINWOOD BLVD	5+14.00	LT	54			150	
US 71 @ LINWOOD BLVD	8+77.50	RT	54			130	
US 71 @ LINWOOD BLVD	8+95.50	LT	42			112	LINWOOD BLVD TOTALS = 45 EA MIDBLOCK, 22 LF STOP BAR, 768 LF REMOVALS
US 71 @ 43RD ST	7+29.20	LT	48				
US 71 @ 43RD ST	7+31.80	LT		34		40	
US 71 @ 43RD ST	7+32.00	RT	42				
US 71 @ 43RD ST	10+88.40	LT	54				
US 71 @ 43RD ST	10+92.40	RT		38		42	
US 71 @ 43RD ST	10+94.20	RT	54				43RD ST TOTALS = 33 EA MIDBLOCK, 72 LF STOP BAR, 82 LF REMOVALS
US 71 @ 55TH ST	7+49.30	LT	84			159	
US 71 @ 55TH ST	7+49.90	RT	60			112	
US 71 @ 55TH ST	7+50.60	LT		65		62	
US 71 @ 55TH ST	10+41.30	RT	84			154	
US 71 @ 55TH ST	10+45.50	LT	66			121	55TH ST TOTALS = 49 EA MIDBLOCK, 65 LF STOP BAR, 608 LF REMOVALS
US 71 @ 59TH ST	7+39.00	LT	96			169	
US 71 @ 59TH ST	7+42.50	RT	72			118	
US 71 @ 59TH ST	10+21.60	RT		67		73	
US 71 @ 59TH ST	10+24.40	RT	96			165	
US 71 @ 59TH ST	10+22.40	LT	72			111	59TH ST TOTALS = 56 EA MIDBLOCK, 67 LF STOP BAR, 636 LF REMOVALS
US 71 @ MEYER BLVD	8+79.00	RT	42			67	
US 71 @ MEYER BLVD	8+94.00	RT	36			59	
US 71 @ MEYER BLVD	8+99.30	LT	42			70	
US 71 @ MEYER BLVD	9+44.80	LT	48			84	
US 71 @ MEYER BLVD	11+67.50	RT	48			84	
US 71 @ MEYER BLVD	12+09.30	RT	48			73	
US 71 @ MEYER BLVD	12+20.90	LT	42			74	
US 71 @ MEYER BLVD	12+36.90	LT	54			98	MEYER BLVD TOTALS = 60 EA MIDBLOCK,609 LF REMOVALS
US 71 @ GREGORY BLVD	7+02.50	RT		28		33	
US 71 @ GREGORY BLVD	7+06.30	LT	42			72	
US 71 @ GREGORY BLVD	7+10.50	RT	42			78	
US 71 @ GREGORY BLVD	7+52.00	RT	72			114	
US 71 @ GREGORY BLVD	7+53.20	LT	90			158	
US 71 @ GREGORY BLVD	10+86.90	LT	66			108	
US 71 @ GREGORY BLVD	10+87.00	RT		63		64	
US 71 @ GREGORY BLVD	10+88.00	RT	96			154	
US 71 @ GREGORY BLVD	11+24.20	LT	42			72	
US 71 @ GREGORY BLVD	11+30.20	RT	36			54	
US 71 @ GREGORY BLVD	11+66.00	RT	36			0	GREGORY BLVD TOTALS = 87 EA MIDBLOCK, 91 LF STOP BAR, 907 LF REMOVALS
		TOTAL	2796	373	6	5007	

US 71

SUMMARY OF QUANTITIES

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

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 3
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

REMOVAL OF IMPROVEMENTS

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
US 24 @ INDEPENDENCE AVE	2+07.05	2+36.94	LT	CURB	30.3	LF	
US 24 @ INDEPENDENCE AVE	2+07.05	2+51.22	LT	SIDEWALK	43.8	SY	7' SAWCUT, 5' SAWCUT
US 24 @ INDEPENDENCE AVE	2+46.32	2+51.83	LT	CURB	28.8	LF	
US 24 @ INDEPENDENCE AVE	2+83.54	3+33.91	LT	CUT-THRU	34.2	SY	
US 24 @ INDEPENDENCE AVE	2+83.65	2+83.66	LT	CURB	3.3	LF	
US 24 @ INDEPENDENCE AVE	3+23.25	3+26.96	LT	CURB	5.2	LF	
US 24 @ INDEPENDENCE AVE	3+35.47	3+53.56	LT	CURB	15.6	LF	
US 24 @ INDEPENDENCE AVE	3+41.53	3+61.39	LT	SIDEWALK	14.1	SY	6' SAWCUT
US 24 @ INDEPENDENCE AVE	7+16.03	7+57.25	RT	SIDEWALK	25.4	SY	5.5' SAWCUT
US 24 @ INDEPENDENCE AVE	7+46.09	7+61.96	RT	CURB & GUTTER	27.0	LF	
US 24 @ INDEPENDENCE AVE	7+79.39	8+25.24	RT	CUT-THRU	33.6	SY	
US 24 @ INDEPENDENCE AVE	7+80.26	7+82.06	RT	CURB	17.0	LF	
US 24 @ INDEPENDENCE AVE	8+24.07	9+05.42	RT	CURB & GUTTER	99.3	LF	
US 24 @ INDEPENDENCE AVE	8+43.80	9+02.11	RT	SIDEWALK	20.6	SY	
US 24 @ INDEPENDENCE AVE	8+45.91	9+05.57	LT	SIDEWALK	39.8	SY	6' SAWCUT
				TOTAL	1 LUMP SUM		

SIDEWALK

ROUTE	STA.	STA.	LOCATION	CONCRETE SIDEWALK (4 IN.) SY	REMARKS
US 24 @ INDEPENDENCE AVE	2+07.10	2+32.60	LT	19.1	
US 24 @ INDEPENDENCE AVE	2+43.60	2+51.10	LT	12.5	
US 24 @ INDEPENDENCE AVE	3+49.40	3+58.60	LT	6.9	
US 24 @ INDEPENDENCE AVE	7+16.00	7+42.00	RT	17.0	
US 24 @ INDEPENDENCE AVE	8+43.90	8+84.40	RT	28.4	
US 24 @ INDEPENDENCE AVE	8+45.90	9+05.60	LT	39.8	
			TOTAL	123.7	

CONCRETE MEDIAN STRIP

ROUTE	STA.	STA.	LOCATION	8 IN. CONCRETE MEDIAN STRIP SY	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) SY	REMARKS
US 24 @ INDEPENDENCE AVE	2+32.10	2+50.20	LT	4.0	4.0	
			TOTAL	4.0	4.0	

LINEAR GRADING FOR SIDEWALKS

ROUTE	STA.	STA.	LOCATION	LINEAR GRADING FOR SIDEWALKS LF	REMARKS
US 24 @ INDEPENDENCE AVE	2+07.10	2+46.40	LT	60.0	
US 24 @ INDEPENDENCE AVE	2+83.60	3+25.60	LT	44.0	
US 24 @ INDEPENDENCE AVE	3+38.50	3+61.40	LT	25.0	
US 24 @ INDEPENDENCE AVE	7+16.00	7+59.50	RT	45.0	
US 24 @ INDEPENDENCE AVE	7+81.10	8+18.90	RT	41.0	
US 24 @ INDEPENDENCE AVE	8+29.90	9+02.10	RT	81.0	
US 24 @ INDEPENDENCE AVE	8+45.90	9+05.60	LT	60.0	
			TOTAL (LF)	356.0	

CURB AND GUTTER

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB TYPE S (6 IN. HEIGHT AND UNDER) LF	CURB AND GUTTER TYPE B LF	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) SY	REMARKS
US 24 @ INDEPENDENCE AVE	2+07.10	2+36.90	LT	30.4		6.8	
US 24 @ INDEPENDENCE AVE	2+46.30	2+51.80	LT	28.9		6.4	
US 24 @ INDEPENDENCE AVE	2+83.70	2+83.70	LT	3.3		0.7	
US 24 @ INDEPENDENCE AVE	3+23.30	3+27.00	LT	5.2		1.2	
US 24 @ INDEPENDENCE AVE	3+35.50	3+53.60	LT	15.7		3.5	
US 24 @ INDEPENDENCE AVE	7+46.10	7+62.00	RT		27.0	13.5	
US 24 @ INDEPENDENCE AVE	7+80.30	7+82.10	RT	8.0	12.0	7.8	
US 24 @ INDEPENDENCE AVE	8+24.10	9+05.40	RT		99.4	49.7	
			TOTAL	91.5	138.4	89.6	

CONCRETE CURB RAMP

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB RAMP SY	TRUNCATED DOMES SF	REMARKS
US 24 @ INDEPENDENCE AVE	2+32.60	2+50.20	LT	19.1	13.0	
US 24 @ INDEPENDENCE AVE	2+84.10	3+30.70	LT	42.6	24.0	
US 24 @ INDEPENDENCE AVE	3+37.70	3+53.40	LT	11.1	10.0	
US 24 @ INDEPENDENCE AVE	7+42.00	7+59.00	RT	14.7	12.0	
US 24 @ INDEPENDENCE AVE	7+80.90	8+19.40	RT	32.6	24.0	
US 24 @ INDEPENDENCE AVE	8+25.50	8+43.90	RT	19.2	12.0	
US 24 @ INDEPENDENCE AVE	8+84.40	9+01.90	RT	12.8	20.0	
			TOTAL	152.1	115.0	

INTEGRAL CURB INCLUDED IN CURB RAMP COST

US 24
SUMMARY OF QUANTITIES
SHEET 9 OF 18

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

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

DATE PREPARED 11/14/2025
ROUTE VAR. | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY JACKSON
JOB NO. J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

SEEDING AND MULCHING

ROUTE	STA.	STA.	LOCATION	SEEDING SY	MULCHING SY	REMARKS
US 24 @ INDEPENDENCE AVE	2+07.10	2+46.40	LT	20.0	20.0	
US 24 @ INDEPENDENCE AVE	2+83.60	3+25.60	LT	14.7	14.7	
US 24 @ INDEPENDENCE AVE	3+38.50	3+61.40	LT	8.3	8.3	
US 24 @ INDEPENDENCE AVE	7+16.00	7+59.50	RT	15.0	15.0	
US 24 @ INDEPENDENCE AVE	7+81.10	8+18.90	RT	13.7	13.7	
US 24 @ INDEPENDENCE AVE	8+29.90	9+02.10	RT	27.0	27.0	
US 24 @ INDEPENDENCE AVE	8+45.90	9+05.60	LT	20.0	20.0	
			TOTAL (SY)	118.7	118.7	

NOTE: ASSUMES 2 FT. WIDE BETWEEN BACK OF CURB TO EDGE OF IMPROVEMENTS WITH 1 FT. WIDE OUTSIDE OF IMPROVEMENTS. (3 FT. TOTAL)

EROSION CONTROL

ROUTE	STA.	STA.	LOCATION	CURB INLET CHECK EA	SILT FENCE LF	SEDIMENT REMOVAL CY	REMARKS
US 24 @ INDEPENDENCE AVE	2+07.10	2+46.40	LT		165	2	
US 24 @ INDEPENDENCE AVE	2+83.60	3+25.60	LT		39	1	
US 24 @ INDEPENDENCE AVE	3+38.50	3+61.40	LT		25	1	
US 24 @ INDEPENDENCE AVE	7+16.00	7+59.50	RT		43	1	
US 24 @ INDEPENDENCE AVE	7+44.70		RT	1		1	
US 24 @ INDEPENDENCE AVE	7+81.10	8+18.90	RT		28	1	
US 24 @ INDEPENDENCE AVE	8+29.90	9+02.10	RT		80	1	
US 24 @ INDEPENDENCE AVE	8+45.90	9+05.60	LT		60	1	
US 24 @ INDEPENDENCE AVE	9+01.50		RT	1		1	
			TOTAL	2	440	10	

PAVEMENT MARKING (PERMANENT)

ROUTE	STA.	LOCATION	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24 IN. WHITE MIDBLOCK LF	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE STOP BAR LF	PAVEMENT MARKING REMOVAL LF	REMARKS
US 24 @ INDEPENDENCE AVE	2+66.10	LT	42			
US 24 @ INDEPENDENCE AVE	3+34.30	LT	24			
US 24 @ INDEPENDENCE AVE	7+69.50	RT	30			
US 24 @ INDEPENDENCE AVE	7+70.90	RT		18	19	
US 24 @ INDEPENDENCE AVE	8+16.80	RT		18	20	
US 24 @ INDEPENDENCE AVE	8+22.40	RT	24			
		TOTAL	120	36	39	

US 24
SUMMARY OF QUANTITIES
SHEET 10 OF 18

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

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 3
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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

REMOVAL OF IMPROVEMENTS

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
W	17+69.70	17+88.60	LT	CURB RAMP	9.2	SY	6' SAWCUT
W	17+88.60	17+98.60	LT	SIDEWALK	5.6	SY	6' SAWCUT
W	18+99.40	19+26.40	LT	SIDEWALK	13.8	SY	6' SAWCUT
W	19+24.40	19+49.40	LT	CURB RAMP	13.0	SY	6' SAWCUT
W	19+98.00	20+19.90	RT	CURB RAMP	14.4	SY	6' SAWCUT
W	20+13.40	20+23.10	LT	CURB RAMP	4.7	SY	6' SAWCUT
W	20+19.90	20+30.00	RT	SIDEWALK	5.5	SY	6' SAWCUT
				TOTAL	1 LUMP SUM		

LINEAR GRADING FOR SIDEWALKS

ROUTE	STA.	STA.	LOCATION	LINEAR GRADING FOR SIDEWALKS	REMARKS
				LF	
W	17+69.60	17+98.60	LT	29.0	
W	18+99.40	19+49.50	LT	51.5	
W	19+97.90	20+29.90	RT	36.5	
W	20+13.20	20+23.10	LT	11.0	
			TOTAL	128.0	

CONCRETE CURB RAMP

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB RAMP	TRUNCATED DOMES	REMARKS
				SY	SF	
W	17+69.60	17+88.50	LT	10.8	9.6	
W	19+24.20	19+49.50	LT	15.2	9.6	
W	19+97.90	20+20.00	RT	16.3	19.2	
W	20+13.20	20+23.10	LT	4.8	13.1	CUT-THRU
			TOTAL	47.1	51.5	

INTEGRAL CURB INCLUDED IN CURB RAMP COST

CONCRETE MEDIAN STRIP

ROUTE	STA.	STA.	LOCATION	6 IN. CONCRETE MEDIAN STRIP	3 IN. CONCRETE MEDIAN STRIP	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				SY	SY	SY	
W	20+00.60	20+06.90	RT		16.5	16.5	
W	20+05.70	20+17.60	LT	10.7		10.7	
W	20+13.40	20+33.10	LT	15.3		15.3	
			TOTAL	26.0	16.5	42.5	

MEDIAN CURB INCLUDED IN CONCRETE MEDIAN COST.

SIDEWALK

ROUTE	STA.	STA.	LOCATION	CONCRETE SIDEWALK 4 IN.	REMARKS
				SY	
W	17+88.60	17+98.60	LT	5.6	
W	18+99.40	19+26.30	LT	14.6	
W	20+19.90	20+29.90	RT	5.5	
			TOTAL	25.7	

INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE B

ROUTE	STA.	STA.	LOCATION	INTEGRAL CURB TYPE B	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				LF	SY	
W	17+67.80	17+69.60	LT	3.1	0.2	
W	17+75.50	17+79.10	LT	4.1	0.2	
W	19+42.50	19+45.80	LT	3.8	0.2	
W	19+49.50	19+51.00	LT	2.8	0.2	
W	19+97.10	19+97.90	RT	3.0	0.2	
W	20+11.90	20+15.40	RT	3.1	0.2	
			TOTAL	19.9	1.2	

PAVEMENT MARKING (PERMANENT)

ROUTE	STA.	LOCATION	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE MIDBLOCK	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE STOP BAR	PAVEMENT MARKING REMOVAL	REMARKS
			LF	LF	LF	
W	17+49.80	LT	30		45	
W	19+44.60	RT/LT	78		74	
W	19+77.40	LT	54		61	
W	19+83.20	RT	30		42	
W	19+90.00	RT		13		
W	20+10.20	RT/LT	78		71	
W	20+29.10	LT	18		19	
		TOTAL	288	13	312	

SEEDING AND MULCH

ROUTE	STA.	STA.	LOCATION	SEEDING	MULCHING	REMARKS
				SY	SY	
W	17+67.10	18+03.60	LT	19.6	19.6	
W	17+76.40	18+01.50	LT	7.2	7.2	
W	18+94.10	19+51.40	LT	32.1	32.1	
W	18+96.80	19+33.80	LT	12.6	12.6	
W	19+97.40	20+35.00	RT	20.7	20.7	
W	20+12.40	20+32.90	RT	7.3	7.3	
			TOTAL	99.5	99.5	

NOTE: ASSUMES 2 FT. WIDE BETWEEN BACK OF CURB TO EDGE OF IMPROVEMENTS WITH 1 FT. WIDE OUTSIDE OF IMPROVEMENTS. (3 FT. TOTAL)

EROSION CONTROL

ROUTE	STA.	LOCATION	CURB INLET CHECK	SEDIMENT REMOVAL	REMARKS
			EA	CY	
W	16+63.30	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	16+73.10	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	16+85.30	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	16+92.80	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	16+97.80	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	16+97.80	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	17+07.40	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	17+24.20	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	17+33.90	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	17+55.30	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	17+79.90	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	18+12.00	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	18+39.10	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	18+71.40	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	19+03.60	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	19+23.70	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
W	19+35.70	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
	TOTAL		17	17	

PER EPG 806.6: QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING 1 CY PER DITCH CHECK, 1 CY PER 100 LINEAR FEET, SILT FENCE AND 10 CY PER SEDIMENT BASIN

ROUTE W
SUMMARY OF QUANTITIES
SHEET 11 OF 18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	3
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REMOVAL OF IMPROVEMENTS

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
I-435 @ WORNALL RD.	54+39.90	54+60.50	LT	SIDEWALK	18.2	SY	SAWCUTS @ VAR. LENGTHS
I-435 @ WORNALL RD.	54+55.40	54+68.20	LT	CURB RAMP	9.7	SY	SAWCUTS @ VAR. LENGTHS
I-435 @ WORNALL RD.	54+49.40	54+72.30	LT	CURB AND GUTTER	39.8	LF	
I-435 @ WORNALL RD.	54+97.70	55+21.40	LT	MEDIAN	19.4	SY	SAWCUTS @ VAR. LENGTHS
I-435 @ WORNALL RD.	55+04.20	55+18.40	LT	MEDIAN	20.2	SY	SAWCUTS @ VAR. LENGTHS
I-435 @ WORNALL RD.	55+66.10	55+72.10	LT	SIDEWALK	1.3	SY	SAWCUTS @ VAR. LENGTHS
I-435 @ WORNALL RD.	58+51.70	58+58.60	LT	SIDEWALK	2.8	SY	5' SAWCUT
I-435 @ WORNALL RD.	59+42.60	59+59.20	LT	CURB RAMP	13.8	SY	SAWCUTS @ VAR. LENGTHS
I-435 @ WORNALL RD.	59+57.10	59+63.90	LT	SIDEWALK	3.4	SY	SAWCUTS @ VAR. LENGTHS
I-435 @ STATE LINE RD.	46+19.50	46+63.10	LT	MEDIAN	154.6	SY	SAWCUTS @ VAR. LENGTHS
I-435 @ STATE LINE RD.	49+73.40	49+79.40	LT	SIDEWALK	3.7	SY	SAWCUTS @ VAR. LENGTHS
I-435 @ STATE LINE RD.	49+88.90	51+10.90	LT	SIDEWALK	73.0	SY	6' SAWCUT
I-435 @ STATE LINE RD.	49+94.90	51+10.90	LT	CURB	104.0	LF	
I-435 @ STATE LINE RD.	52+42.50	52+81.30	LT	SIDEWALK	25.3	SY	6' SAWCUT
I-435 @ STATE LINE RD.	52+75.80	52+85.50	LT	CURB RAMP	6.7	SY	6' SAWCUT
I-435 @ STATE LINE RD.	52+92.30	53+06.80	LT	CURB RAMP	10.9	SY	6' SAWCUT
I-435 @ STATE LINE RD.	53+04.70	53+11.50	LT	SIDEWALK	3.4	SY	6' SAWCUT
				TOTAL	1 LUMP SUM		

LINEAR GRADING FOR SIDEWALKS

ROUTE	STA.	STA.	LOCATION	LINEAR GRADING FOR SIDEWALKS	REMARKS
				LF	
I-435 @ WORNALL RD.	54+39.90	54+68.20	LT	44.7	
I-435 @ WORNALL RD.	55+00.70	55+20.40	LT	19.1	
I-435 @ WORNALL RD.	55+66.10	55+72.10	LT	5.5	
I-435 @ WORNALL RD.	58+51.70	58+58.60	LT	5.0	
I-435 @ STATE LINE RD.	49+73.40	49+79.40	LT	6.0	
I-435 @ STATE LINE RD.	49+88.60	51+10.90	LT	104.0	
I-435 @ STATE LINE RD.	52+42.50	52+85.50	LT	44.0	
			TOTAL	228.3	

CONCRETE CURB RAMP

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB RAMP	TRUNCATED DOMES	REMARKS
				SY	SF	
I-435 @ WORNALL RD.	54+55.40	54+68.20	LT	10.8	11.6	
I-435 @ WORNALL RD.	55+00.70	55+20.40	LT	9.8	16.2	CUT-THRU
I-435 @ WORNALL RD.	59+27.60	55+29.60	LT		8.0	
I-435 @ WORNALL RD.	59+34.00	55+38.50	LT		8.0	
I-435 @ STATE LINE RD.	52+75.80	52+85.50	LT	7.8	11.6	
			TOTAL	28.4	55.4	
INTEGRAL CURB INCLUDED IN CURB RAMP COST						

CONCRETE MEDIAN STRIP

ROUTE	STA.	STA.	LOCATION	6 IN. CONCRETE MEDIAN STRIP	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				SY	SY	
I-435 @ WORNALL RD.	54+97.80	55+21.40	LT	19.4	19.4	
I-435 @ WORNALL RD.	55+04.40	55+18.40	LT	20.2	20.2	
I-435 @ STATE LINE RD.	46+45.20	46+50.00	LT	2.8	2.8	
I-435 @ STATE LINE RD.	46+53.70	46+55.70	LT	0.4	0.4	
I-435 @ STATE LINE RD.	55+97.80	56+27.20	LT	46.4	46.4	
I-435 @ STATE LINE RD.	56+18.00	56+27.20	LT	9.5	9.5	
			TOTAL	98.7	98.7	
MEDIAN CURB INCLUDED IN CONCRETE MEDIAN COST.						

SIDEWALK

ROUTE	STA.	STA.	LOCATION	CONCRETE SIDEWALK 4 IN.	REMARKS
				SY	
I-435 @ WORNALL RD.	54+39.90	54+60.50	LT	18.2	
I-435 @ WORNALL RD.	55+66.10	55+72.10	LT	1.3	
I-435 @ WORNALL RD.	58+51.70	58+58.60	LT	2.8	
I-435 @ STATE LINE RD.	49+73.40	49+79.40	LT	3.7	
I-435 @ STATE LINE RD.	49+88.90	51+10.90	LT	73.0	
I-435 @ STATE LINE RD.	52+42.50	52+81.30	LT	25.3	
			TOTAL	124.3	

CURB AND GUTTER TYPE B

ROUTE	STA.	STA.	LOCATION	CURB AND GUTTER TYPE B	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				LF	SY	
I-435 @ WORNALL RD.	54+49.40	54+72.30	LT	39.8	11.1	
I-435 @ STATE LINE RD.	49+94.50	51+10.80	LT	104.0	28.9	
			TOTAL	143.8	40.0	

PAVEMENT MARKING (PERMANENT)

ROUTE	STA.	LOCATION	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE MIDBLOCK	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE STOP BAR	PAVEMENT MARKING REMOVAL	REMARKS
			LF	LF	LF	
I-435 @ HOLMES RD.	75+24.60	LT	30		52	
I-435 @ HOLMES RD.	75+78.00	LT	18		34	
I-435 @ WORNALL RD.	54+84.30	LT		15	15	
I-435 @ WORNALL RD.	54+82.40	LT	48		88	
I-435 @ WORNALL RD.	55+01.10	LT		13	13	
I-435 @ WORNALL RD.	55+33.80	LT	30		53	
I-435 @ WORNALL RD.	58+95.10	LT	54		112	
I-435 @ WORNALL RD.	59+43.00	LT	18		32	
I-435 @ STATE LINE RD.	46+06.30	LT	18		46	
I-435 @ STATE LINE RD.	46+79.60	LT	30		60	
I-435 @ STATE LINE RD.	52+91.40	LT	18		54	
I-435 @ STATE LINE RD.	56+04.50	LT	18		30	
I-435 @ STATE LINE RD.	56+39.49	LT		19	19	
I-435 @ STATE LINE RD.	56+59.50	LT	66			
		TOTAL	348	47	608	

SEEDING AND MULCH

ROUTE	STA.	STA.	LOCATION	SEEDING	MULCHING	REMARKS
				SY	SY	
I-435 @ WORNALL RD.	54+34.70	54+70.70	LT	29.2	29.2	
I-435 @ WORNALL RD.	54+37.30	54+50.70	LT	3.9	3.9	
I-435 @ WORNALL RD.	55+61.80	55+78.30	LT	7.6	7.6	
I-435 @ WORNALL RD.	58+51.80	58+63.60	LT	4.1	4.1	
I-435 @ WORNALL RD.	59+42.40	59+70.30	LT	16.1	16.1	
I-435 @ WORNALL RD.	59+47.90	59+64.80	LT	5.9	5.9	
I-435 @ STATE LINE RD.	50+62.80	51+15.90	LT	21.5	21.5	
I-435 @ STATE LINE RD.	52+36.70	52+79.40	LT	25.8	25.8	
I-435 @ STATE LINE RD.	52+43.50	52+88.50	LT	13.7	13.7	
I-435 @ STATE LINE RD.	52+87.20	53+17.90	LT	19.7	19.7	
			TOTAL	147.5	147.5	

NOTE: ASSUMES 2 FT. WIDE BETWEEN BACK OF CURB TO EDGE OF IMPROVEMENTS WITH 1 FT. WIDE OUTSIDE OF IMPROVEMENTS. (3 FT. TOTAL)

EROSION CONTROL

ROUTE	STA.	LOCATION	CURB INLET CHECK	SEDIMENT REMOVAL	REMARKS
			EA	CY	
I-435 @ HOLMES RD.	72+27.50	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
I-435 @ WORNALL RD.	55+68.10	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
I-435 @ STATE LINE RD.	50+00.00	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
		TOTAL	3	3	

PER EPG 806.6: QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING 1 CY PER DITCH CHECK, 1 CY PER 100 LINEAR FEET, SILT FENCE AND 10 CY PER SEDIMENT BASIN

I-435
SUMMARY OF QUANTITIES
SHEET 12 OF 18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	
11/15/2025	
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 3
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REMOVAL OF IMPROVEMENTS

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
150 @ STATE LINE RD.	00+49.10	00+66.80	LT	CURB RAMP	16.7	SY	6' SAWCUT
150 @ STATE LINE RD.	00+59.00	00+81.70	LT	CURB AND GUTTER	34.4	LF	
150 @ STATE LINE RD.	00+59.90	00+72.20	LT	SIDEWALK	14.7	SY	6' SAWCUT
150 @ STATE LINE RD.	00+60.00	00+81.30	RT	CURB AND GUTTER	31.1	LF	
150 @ STATE LINE RD.	00+63.80	00+77.60	RT	CURB RAMP	15.7	SY	6' SAWCUT
150 @ STATE LINE RD.	00+65.50	00+76.30	RT	SIDEWALK	9.8	SY	6' SAWCUT
150 @ STATE LINE RD.	00+61.80	00+78.30	RT	CURB AND GUTTER	40.6	LF	6' SAWCUT
150 @ STATE LINE RD.	00+67.10	00+72.20	RT	CURB RAMP	5.5	SY	6' SAWCUT
150 @ STATE LINE RD.	00+68.00	00+82.40	LT	CURB RAMP	10.9	SY	6' SAWCUT
150 @ 136TH ST.	12+59.00	12+68.80	RT	CURB RAMP	4.5	SY	6' SAWCUT
150 @ 136TH ST.	12+60.80	12+73.10	RT	CURB AND GUTTER	15.7	LF	
150 @ 136TH ST.	12+82.90	13+08.30	RT	CURB RAMP	14.6	SY	6' SAWCUT
150 @ 135TH ST.	13+04.30	13+14.10	LT	CURB RAMP	5.2	SY	6' SAWCUT
150 @ 136TH ST.	13+79.00	13+91.90	RT	CURB RAMP	13.7	SY	6' SAWCUT
150 @ 135TH ST.	13+90.50	14+08.80	LT	CURB RAMP	14.7	SY	6' SAWCUT
150 @ 136TH ST.	13+96.60	14+13.50	RT	CURB AND GUTTER	45.0	LF	
150 @ 136TH ST.	13+99.20	14+10.10	RT	SIDEWALK	20.5	SY	6' SAWCUT
150 @ 136TH ST.	14+04.20	14+17.20	RT	CURB RAMP	9.4	SY	6' SAWCUT
150 @ 138TH TER.	31+21.10	31+36.10	RT	CURB RAMP	11.2	SY	6' SAWCUT
150 @ 138TH TER.	31+22.00	31+53.40	RT	CURB AND GUTTER	62.0	LF	
150 @ 138TH TER.	31+31.20	31+47.20	RT	SIDEWALK	58.3	SY	6' SAWCUT
150 @ 138TH TER.	31+36.10	31+49.50	LT	CURB RAMP	9.3	SY	6' SAWCUT
150 @ 138TH TER.	31+38.60	31+67.30	LT	CURB AND GUTTER	57.2	LF	
150 @ 138TH TER.	31+41.10	31+59.50	RT	CURB RAMP	17.2	SY	6' SAWCUT
150 @ 138TH TER.	31+44.77	31+62.34	LT	SIDEWALK	26.8	SY	6' SAWCUT
150 @ 138TH TER.	31+57.50	31+75.90	LT	CURB RAMP	17.3	SY	6' SAWCUT
150 @ 138TH TER.	32+32.50	32+50.60	RT	CURB RAMP	17.3	SY	6' SAWCUT
150 @ 138TH TER.	32+33.90	32+53.00	LT	CURB RAMP	18.3	SY	6' SAWCUT
150 @ 138TH TER.	32+41.70	32+71.30	RT	CURB AND GUTTER	53.2	LF	
150 @ 138TH TER.	32+43.20	32+73.30	LT	CURB AND GUTTER	59.4	LF	
150 @ 138TH TER.	32+47.60	32+63.20	RT	SIDEWALK	21.8	SY	6' SAWCUT
150 @ 138TH TER.	32+48.80	32+65.30	LT	SIDEWALK	21.7	SY	6' SAWCUT
150 @ 138TH TER.	32+58.40	32+72.10	RT	CURB RAMP	9.7	SY	6' SAWCUT
150 @ 138TH TER.	32+60.30	32+74.10	LT	CURB RAMP	10.0	SY	6' SAWCUT
				TOTAL	1 LUMP SUM		

LINEAR GRADING FOR SIDEWALKS

ROUTE	STA.	STA.	LOCATION	LINEAR GRADING FOR SIDEWALKS	REMARKS
				LF	
150 @ STATE LINE RD.	00+49.10	00+66.80	LT	29.4	
150 @ STATE LINE RD.	00+59.90	00+82.40	LT	37.4	
150 @ STATE LINE RD.	00+67.10	00+72.20	RT	10.0	
150 @ STATE LINE RD.	00+63.80	00+77.60	RT	43.0	
150 @ 136TH ST.	12+58.40	12+68.80	RT	6.5	
150 @ 136TH ST.	12+82.90	13+08.20	RT	28.0	
150 @ 135TH ST.	13+04.30	13+14.10	LT	11.0	
150 @ 136TH ST.	13+79.30	13+91.90	RT	26.0	
150 @ 135TH ST.	13+90.50	14+08.80	LT	24.0	
150 @ 136TH ST.	13+99.50	14+17.20	RT	46.0	
150 @ 138TH TER.	31+21.10	31+47.20	RT	114.3	
150 @ 138TH TER.	31+36.10	31+62.30	LT	50.4	
150 @ 138TH TER.	31+41.00	31+59.40	RT	20.0	
150 @ 138TH TER.	31+57.50	31+75.90	LT	28.0	
150 @ 138TH TER.	32+32.50	32+50.60	RT	27.0	
150 @ 138TH TER.	32+33.90	32+52.90	LT	28.0	
150 @ 138TH TER.	32+47.60	32+72.10	RT	55.4	
150 @ 138TH TER.	32+48.80	32+74.10	LT	58.9	
			TOTAL	643.3	

ADJUST MANHOLE

ROUTE	STA.	LOCATION	EA	REMARKS
150 @ STATE LINE RD.	00+68.30	LT	1	
		TOTAL	1	

CONCRETE CURB RAMP

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB RAMP	TRUNCATED DOMES	REMARKS
				SY	SF	
150 @ STATE LINE RD.	00+49.10	00+66.80	LT	16.7	28.8	CUT-THRU
150 @ STATE LINE RD.	00+68.00	00+83.00	LT	12.1	11.5	
150 @ STATE LINE RD.	00+67.10	00+72.20	RT	5.5		CUT-THRU
150 @ STATE LINE RD.	00+63.80	00+77.60	RT	13.0	19.0	
150 @ 136TH ST.	12+58.40	12+68.80	RT	5.2	12.3	
150 @ 136TH ST.	12+82.90	13+08.20	RT	14.6	19.2	CUT-THRU
150 @ 135TH ST.	13+04.30	13+14.10	LT	5.2	19.2	CUT-THRU
150 @ 136TH ST.	13+79.00	13+91.90	RT	13.7	28.8	CUT-THRU
150 @ 135TH ST.	13+90.50	14+08.80	LT	14.7	28.8	CUT-THRU
150 @ 135TH ST.	14+04.20	14+17.20	RT	10.4	10.4	
150 @ 138TH TER.	31+21.10	31+36.10	RT	12.4	15.7	
150 @ 138TH TER.	31+36.10	31+49.50	LT	10.5	10.5	
150 @ 138TH TER.	31+41.00	31+59.40	RT	17.2	38.1	CUT-THRU
150 @ 138TH TER.	31+57.50	31+75.90	LT	17.3	32.8	CUT-THRU
150 @ 138TH TER.	32+32.50	32+50.60	RT	17.3	33.8	CUT-THRU
150 @ 138TH TER.	32+33.90	32+52.90	LT	18.3	34.8	CUT-THRU
150 @ 138TH TER.	32+58.40	32+72.10	RT	10.8	11.5	
150 @ 138TH TER.	32+60.30	32+74.10	LT	8.9	12.5	
			TOTAL	223.8	367.7	

INTEGRAL CURB INCLUDED IN CURB RAMP COST

CONCRETE MEDIAN STRIP

ROUTE	STA.	STA.	LOCATION	6 IN. CONCRETE MEDIAN STRIP	3 IN. CONCRETE MEDIAN STRIP	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				SY	SY	SY	
150 @ STATE LINE RD.	00+49.10	00+58.80	LT	7.5		7.5	
150 @ STATE LINE RD.	00+49.40	00+62.00	LT	14.3		14.3	
150 @ STATE LINE RD.	00+59.50	00+80.50	LT	18.1		18.1	
150 @ STATE LINE RD.	00+64.10	00+67.20	RT		2.2	2.2	
150 @ STATE LINE RD.	00+66.70	00+71.40	RT		1.7	1.7	
150 @ STATE LINE RD.	00+72.10	00+78.30	RT		5.8	5.8	
150 @ 136TH ST.	12+65.10	13+08.30	RT	45.8		45.8	
150 @ 135TH ST.	12+96.10	13+14.20	LT	20.6		20.6	
150 @ 135TH ST.	13+07.10	13+14.00	LT	4.5		4.5	
150 @ 136TH ST.	13+79.00	13+84.70	RT	7.8		7.8	
150 @ 136TH ST.	13+79.30	13+88.70	RT	6.7		6.7	
150 @ 136TH ST.	13+89.10	14+05.80	RT	17.7		17.7	
150 @ 135TH ST.	13+89.60	14+05.60	LT	25.3		25.3	
150 @ 135TH ST.	13+90.70	13+95.00	LT	3.4		3.4	
150 @ 135TH ST.	13+99.40	14+16.30	LT	15.3		15.3	
150 @ 138TH TER.	31+33.70	31+44.50	RT	9.9		9.9	
150 @ 138TH TER.	31+47.10	31+50.10	RT	1.4		1.4	
150 @ 138TH TER.	31+48.00	31+60.70	LT	12.3		12.3	
150 @ 138TH TER.	31+49.20	31+59.30	RT	10.3		10.3	
150 @ 138TH TER.	31+61.30	31+63.60	LT	0.9		0.9	
150 @ 138TH TER.	31+63.30	31+76.00	LT	14.4		14.4	
150 @ 138TH TER.	32+32.50	32+44.50	RT	13.4		13.4	
150 @ 138TH TER.	32+33.90	32+46.60	LT	16.5		16.5	
150 @ 138TH TER.	32+45.80	32+47.80	RT	0.7		0.7	
150 @ 138TH TER.	32+46.70	32+48.70	LT	0.8		0.8	
150 @ 138TH TER.	32+47.50	32+60.30	RT	11.9		11.9	
150 @ 138TH TER.	32+48.70	32+62.50	LT	14.2		14.2	
			TOTAL	293.7	9.7	303.4	

MEDIAN CURB INCLUDED IN CONCRETE MEDIAN COST.

ROUTE 150
SUMMARY OF QUANTITIES
SHEET 13 OF 18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 3
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

SIDEWALK

ROUTE	STA.	STA.	LOCATION	CONCRETE SIDEWALK 4 IN.	REMARKS
				SY	
150 @ STATE LINE RD.	00+59.90	00+72.20	LT	14.7	
150 @ STATE LINE RD.	00+65.50	00+76.30	RT	9.8	
150 @ 136TH ST.	13+99.20	14+10.10	RT	20.5	
150 @ 138TH TER.	31+31.20	31+47.20	RT	26.8	
150 @ 138TH TER.	31+44.70	31+62.30	LT	24.5	
150 @ 138TH TER.	32+47.60	32+63.20	RT	21.9	
150 @ 138TH TER.	32+48.80	32+65.30	LT	21.8	
			TOTAL	140.0	

CURB AND GUTTER TYPE B

ROUTE	STA.	STA.	LOCATION	CURB AND GUTTER TYPE B	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				LF	SY	
150 @ STATE LINE RD.	00+59.00	00+82.00	LT	33.7	9.4	
150 @ STATE LINE RD.	00+60.00	00+81.30	RT	30.1	8.4	
150 @ STATE LINE RD.	00+61.76	00+78.30	RT	40.6	9.0	
150 @ 136TH ST.	12+60.40	12+73.10	RT	15.5	3.4	
150 @ 136TH ST.	13+96.60	13+99.50	RT	17.1	4.8	
150 @ 136TH ST.	13+98.70	14+15.40	RT	27.9	7.8	
150 @ 138TH TER.	31+22.00	31+53.60	RT	62.0	18.9	
150 @ 138TH TER.	31+36.70	31+67.30	LT	57.2	17.5	
150 @ 138TH TER.	32+41.70	32+71.30	RT	53.2	17.7	
150 @ 138TH TER.	32+43.20	32+73.30	LT	59.4	18.2	
			TOTAL	396.7	115.1	

PAVEMENT MARKING (PERMANENT)

ROUTE	STA.	LOCATION	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE MIDBLOCK	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE STOP BAR	PAVEMENT MARKING REMOVAL	REMARKS
			LF	LF	LF	
150 @ STATE LINE RD.	00+25.80	RT	54		147	
150 @ STATE LINE RD.	00+28.30	RT		57	57	
150 @ STATE LINE RD.	00+34.60	LT	36		68	
150 @ STATE LINE RD.	00+69.20	RT/LT	102		234	
15 @ STATE LINE RD.	00+70.00	LT	18		46	
150 @ STATE LINE RD.	00+77.40	LT		44	44	
150 @ 136TH ST.	12+73.10	RT	18		40	
150 @ 135TH ST.	12+94.60	LT	18		42	
150 @ 135TH ST.	13+32.40	LT		32	32	
150 @ 136TH ST.	13+43.70	RT	66		132	
150 @ 135TH ST.	13+51.00	LT	78		156	
150 @ 136TH ST.	13+62.40	RT		31	31	
150 @ 135TH/136TH ST.	13+91.90	RT/LT	96		204	
150 @ 135TH ST.	14+04.20	LT		23	23	
150 @ 135TH ST.	14+19.00	LT		24	24	
150 @ 136TH ST.	14+02.00	RT	18		43	
150 @ 135TH ST.	14+20.00	LT	30		70	
150 @ 136TH ST.	31+03.90	RT		36	36	
150 @ 138TH TER.	31+34.80	RT	18		44	
150 @ 138TH TER.	31+50.00	LT	18		48	
150 @ 138TH TER.	31+55.70	RT/LT	108		188	
150 @ 138TH TER.	31+90.40	LT		22	22	
150 @ 138TH TER.	31+95.90	RT	66		127	
150 @ 138TH TER.	32+02.80	RT		21	21	
150 @ 138TH TER.	32+03.30	LT	60		101	
150 @ 138TH TER.	32+19.44	RT		13	13	
150 @ 138TH TER.	32+45.10	RT/LT	102		186	
150 @ 138TH TER.	32+58.30	RT	18		44	
150 @ 138TH TER.	32+59.80	LT	18		40	
150 @ 138TH TER.	32+78.30	LT		50	50	
		TOTAL	942	353	2313	

SEEDING AND MULCH

ROUTE	STA.	STA.	LOCATION	SEEDING	MULCHING	REMARKS
				SY	SY	
150 @ STATE LINE RD.	00+56.60	00+62.90	LT	5.2	5.2	
150 @ STATE LINE RD.	00+61.90	00+71.70	RT	11.1	11.1	
150 @ STATE LINE RD.	00+63.40	00+89.70	LT	29.3	29.3	
150 @ STATE LINE RD.	00+70.70	00+83.70	RT	27.2	27.2	
150 @ 136TH ST.	12+50.40	12+80.50	RT	17.1	17.1	
150 @ 136TH ST.	14+06.70	14+25.70	RT	35.0	35.0	
150 @ 138TH TER.	31+13.20	31+42.50	RT	72.1	72.1	
150 @ 138TH TER.	31+28.20	31+57.30	LT	36.5	36.5	
150 @ 138TH TER.	32+52.60	32+80.00	RT	35.3	35.3	
150 @ 138TH TER.	32+53.80	32+81.70	LT	37.2	37.2	
			TOTAL	306.0	306.0	

NOTE: ASSUMES 2 FT. WIDE BETWEEN BACK OF CURB TO EDGE OF IMPROVEMENTS WITH 1 FT. WIDE OUTSIDE OF IMPROVEMENTS. (3 FT. TOTAL)

EROSION CONTROL

ROUTE	STA.	LOCATION	CURB INLET CHECK	SEDIMENT REMOVAL	REMARKS
			EA	CY	
150 @ STATE LINE RD.	00+88.00	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
150 @ 136TH ST.	14+02.20	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
150 @ 136TH ST.	12+79.20	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
150 @ 138TH TER.	31+50.20	RT	1.0	1.0	USE AS DIRECTED BY ENGINEER
		TOTAL	4	4	

PER EPG 806.6: QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING 1 CY PER DITCH CHECK, 1 CY PER 100 LINEAR FEET, SILT FENCE AND 10 CY PER SEDIMENT BASIN

CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S

ROUTE	STA.	STA.	LOCATION	LF	REMARKS
150 @ STATE LINE RD.	00+71.10	00+77.00	RT	12.4	
			TOTAL	12.4	

ROUTE 150
SUMMARY OF QUANTITIES
SHEET 14 OF 18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	3
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REMOVAL OF IMPROVEMENTS

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
V	317+77.60	317+84.70	LT	CURB & GUTTER	7.1	LF	START OF ROUTE V
V	317+80.10	317+94.30	LT	CURB RAMP	7.0	SY	6' SAWCUT
V	317+94.30	321+91.10	LT	SIDEWALK	189.5	SY	6' SAWCUT
V	319+27.70	322+15.90	RT	SIDEWALK	155.1	SY	6' SAWCUT
V	321+94.37	322+06.82	LT	CURB & GUTTER	12.5	SY	6' SAWCUT
V	321+96.37	322+10.53	LT	CURB RAMP	7.6	SY	6' SAWCUT
V	322+08.70	322+11.70	LT	CURB & GUTTER	3.0	LF	
V	322+09.60	322+48.20	LT	APPROACH	35.7	SY	SAWCUT @ VAR. LENGTHS
V	322+15.90	322+34.40	RT	CURB RAMP	9.5	SY	6' SAWCUT
V	322+29.30	322+36.50	RT	CURB & GUTTER	7.2	LF	
V	322+46.30	322+50.70	LT	CURB & GUTTER	4.4	LF	
V	322+48.50	322+61.30	LT	CURB RAMP	7.8	SY	6' SAWCUT
V	322+61.30	324+62.10	LT	SIDEWALK	108.1	SY	6' SAWCUT
V	324+62.10	324+77.10	LT	CURB RAMP	8.2	SY	6' SAWCUT
V	324+73.00	324+78.50	LT	CURB & GUTTER	5.5	LF	END OF ROUTE V
				TOTAL	1 LUMP SUM		

LINEAR GRADING FOR SIDEWALKS

ROUTE	STA.	STA.	LOCATION	LINEAR GRADING FOR SIDEWALKS	REMARKS
				LF	
V	317+79.70	322+10.50	LT	430.8	
V	319+27.70	322+32.90	RT	305.2	
V	322+47.90	324+76.90	LT	229.0	
			TOTAL	965.0	

CONCRETE GUTTER TYPE A

ROUTE	STA.	STA.	LOCATION	CONCRETE GUTTER TYPE A	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				LF	SY	
V	317+81.60	317+88.70	LT	7.3	3.3	
			TOTAL	7.3	3.3	

CONCRETE CURB RAMP

ROUTE	STA.	STA.	LOCATION	CONCRETE CURB RAMP	REMARKS
				SY	
V	317+79.70	317+94.40	LT	9.4	
V	321+96.40	322+10.50	LT	9.0	
V	322+15.90	322+32.90	RT	10.0	
V	322+47.90	322+61.30	LT	8.8	
V	324+62.10	324+76.90	LT	9.3	
			TOTAL	46.5	

INTEGRAL CURB INCLUDED IN CURB RAMP COST

PCC PAVED APPROACH

ROUTE	STA.	PAVED APPROACH, 8 IN.	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	LINEAR GRADING CLASS 1	REMARKS
		SY	SY	SF	
V	322+29.20	34.9	34.9	33.3	
	TOTAL	34.9	34.9	33.3	

SIDEWALK

ROUTE	STA.	STA.	LOCATION	CONCRETE SIDEWALK 4 IN.	REMARKS
				SY	
V	317+94.30	321+96.40	LT	225.5	
V	319+27.70	322+15.90	RT	160.1	
V	322+61.30	324+62.10	LT	111.9	
			TOTAL	497.5	

CURB AND GUTTER TYPE B

ROUTE	STA.	STA.	LOCATION	CURB AND GUTTER TYPE B	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
				LF	SY	
V	317+77.60	317+84.60	LT	15.0	3.3	
V	321+94.40	322+06.80	LT	14.2	3.2	
V	322+08.10	322+12.50	LT	8.4	2.3	
V	322+25.60	322+36.60	RT	15.8	3.5	
V	322+45.90	322+50.80	LT	11.9	3.3	
V	324+72.70	324+78.70	LT	11.7	2.6	
			TOTAL	77.0	18.2	

SEEDING AND MULCH

ROUTE	STA.	STA.	LOCATION	SEEDING	MULCHING	REMARKS
				SY	SY	
V	317+79.60	322+10.00	LT	241.3	241.3	
V	317+82.70	322+07.60	LT	142.1	142.1	
V	319+22.70	322+34.50	RT	172.7	172.7	
V	319+24.70	322+28.20	RT	100.5	100.5	
V	322+48.40	324+76.80	LT	126.8	126.8	
V	322+49.90	324+74.50	LT	74.3	74.3	
V	324+64.70	324+92.20	RT	5.8	5.8	
V	324+66.70	324+86.90	RT	15.0	15.0	
V	325+23.20	327+09.00	RT	133.3	133.3	
V	325+27.30	327+15.00	RT	81.7	81.7	
			TOTAL	1093.5	1093.5	

NOTE: ASSUMES 2 FT. WIDE BETWEEN BACK OF CURB TO EDGE OF IMPROVEMENTS WITH 1 FT. WIDE OUTSIDE OF IMPROVEMENTS. (3 FT. TOTAL)

EROSION CONTROL

ROUTE	STA.	LOCATION	CURB INLET CHECK	SEDIMENT REMOVAL	REMARKS
			EA	CY	
V	317+91.40	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
V	319+40.20	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
V	322+07.70	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
V	322+68.10	LT	1.0	1.0	USE AS DIRECTED BY ENGINEER
		TOTAL	4	4	

PER EPG 806.6: QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING 1 CY PER DITCH CHECK, 1 CY PER 100 LINEAR FEET, SILT FENCE AND 10 CY PER SEDIMENT BASIN

ROUTE V
SUMMARY OF QUANTITIES
SHEET 15 OF 18

STATE OF MISSOURI — MELISSA ANN WILBERS — NUMBER PE-2007002853 — PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/15/2025
ROUTE VAR | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY JACKSON
JOB NO. J4P3268H
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/003_QU_01-0X_J4P3268H_I1.dgn 12:29:56 AM 11/15/2025

REMOVAL OF IMPROVEMENTS		
TOTAL	1 LUMP SUM	

LINEAR GRADING FOR SIDEWALKS

ROUTE	LINEAR GRADING FOR SIDEWALKS	REMARKS
	LF	
71	3874.0	
24	356.0	
W	128.0	
I-435	228.3	
150	643.3	
V	965.0	
TOTAL (LF)	6194.6	
USE (STA)	61.9	

ADJUST MANHOLE

ROUTE	ADJUST MANHOLE	REMARKS
	EA	
71		
24		
W		
I-435		
150	1	
V		
TOTAL	1	

CONCRETE CURB RAMP

ROUTE	CONCRETE CURB RAMP	TRUNCATED DOMES	REMARKS
	SY	SF	
71	1132.5	1101.1	
24	152.1	115.0	
W	47.1	51.5	
I-435	28.4	55.4	
150	223.8	367.7	
V	46.5		
TOTAL	1630.4	1690.7	
USE	1630	1691	

INTEGRAL CURB INCLUDED IN CURB RAMP COST

CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S

ROUTE	LF	REMARKS
71	963.6	
24	91.5	
W		
I-435		
150	12.4	
V		
TOTAL	1067.5	
USE	1068	

CONCRETE MEDIAN STRIP

ROUTE	8 IN. CONCRETE MEDIAN STRIP	6 IN. CONCRETE MEDIAN STRIP	3 IN. CONCRETE MEDIAN STRIP	TYPE 5 AGGREGATE (4 IN. THICK)	REMARKS
	SY	SY	SY	SY	
71	248.9			248.9	
24	4.0			4.0	
W		26.0	16.5	42.5	
I-435		98.7		98.7	
150		293.7	9.7	303.4	
V					
TOTAL	252.9	418.4	26.2	697.5	
USE	252.9	418.4	26.2	698	

MEDIAN CURB INCLUDED IN CONCRETE MEDIAN COST.

CONCRETE PAVEMENT

ROUTE	CONCRETE PAVEMENT (10 IN. NON-REINF)	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	REMARK
	SY	SY	
71	269.7	269.7	
24			
W			
I-435			
150			
V			
TOTAL	269.7	269.7	
USE	269.7	270	

PCC PAVED APPROACH

ROUTE	PAVED APPROACH, 8 IN.	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	LINEAR GRADING CLASS 1	REMARKS
	SY	SY	LF	
71	53.3	53.3	21.0	
24				
W				
I-435				
150				
V	34.9	34.9	33.3	
TOTAL	88.2	88.2	53.3 LF	
USE	88.2	88	0.5 STA	

CONCRETE GUTTER TYPE A

ROUTE	CONCRETE GUTTER TYPE A	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
	LF	SY	
71			
24			
W			
I-435			
150			
V	7.3	3.3	
TOTAL	7.3	3.3	
USE	7	3	

SIDEWALK

ROUTE	CONCRETE SIDEWALK 4 IN.	REMARKS
	SY	
71	2126.6	
24	123.7	
W	25.7	
I-435	124.3	
150	140.0	
V	497.5	
TOTAL	3037.8	

MODIFIED S-CURB (OVER 6 IN. HEIGHT)

ROUTE	LF	REMARKS
71	30.0	
24		
W		
I-435		
150		
V		
TOTAL	30.0	

TOTAL QUANTITY
SUMMARY OF QUANTITIES
SHEET 16 OF 18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/18/2025
ROUTE VAR | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY JACKSON
JOB NO. J4P3268H
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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CURB AND GUTTER TYPE B

ROUTE	CURB AND GUTTER TYPE B	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
	LF	SY	
71	1733.3	1089.1	
24	138.4	89.6	
W			
I-435	143.8	40.0	
150	396.7	115.1	
V	77.0	18.2	
TOTAL	2489.2	1352.0	
USE	2489	1352	

INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE B

ROUTE	INTEGRAL CURB TYPE B	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	REMARKS
	LF	SY	
71			
24			
W	19.9	1.2	
I-435			
150			
V			
TOTAL	19.9	1.2	
USE	20	1	

MOBILIZATION

TOTAL	1 LUMP SUM	

PAVEMENT MARKING (PERMANENT)

ROUTE	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE MIDBLOCK	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE STOP BAR	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 26 IN. X 36 IN. YIELD LINE TRIANGLE	PAVEMENT MARKING REMOVAL	REMARKS
	LF	LF	EA	LF	
71	2796	373	6	5007	
24	120	36		39	
W	288	13		312	
I-435	348	47		608	
150	942	353		2313	
V					
TOTAL	4494	822	6	8279	

CONTRACTOR FURNISHED SURVEYING AND STAKING

TOTAL	1 LUMP SUM	

SEEDING AND MULCH

ROUTE	SEEDING	MULCHING	REMARKS
	SY	SY	
71	1088.4	1088.4	
24	118.7	118.7	
W	99.5	99.5	
I-435	147.5	147.5	
150	306.0	306.0	
V	1093.5	1093.5	
TOTAL (SY)	2853.6	2853.6	
USE (AC)	0.6	0.6	

NOTE: ASSUMES 2 FT. WIDE BETWEEN BACK OF CURB TO EDGE OF IMPROVEMENTS WITH 1 FT. WIDE OUTSIDE OF IMPROVEMENTS. (3 FT. TOTAL)

EROSION CONTROL

ROUTE	SILT FENCE	CURB INLET CHECK	ALTERNATE DITCH CHECK	SEDIMENT REMOVAL	REMARKS
	LF	EA	LF	CY	
71	3719.0		120.0	44.0	USE AS DIRECTED BY ENGINEER
24	440.0	2.0		10.0	USE AS DIRECTED BY ENGINEER
W		17.0		17.0	USE AS DIRECTED BY ENGINEER
I-435		3.0		3.0	USE AS DIRECTED BY ENGINEER
150		4.0		4.0	USE AS DIRECTED BY ENGINEER
V		4.0		4.0	USE AS DIRECTED BY ENGINEER
TOTAL	4159.0	30.0	120.0	82.0	

PER EPG 806.6: QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING 1 CY PER DITCH CHECK, 1 CY PER 100 LINEAR FEET, SILT FENCE AND 10 CY PER SEDIMENT BASIN

TOTAL QUANTITY
SUMMARY OF QUANTITIES
SHEET 17 OF 18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	3
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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EFFECTIVE: 04-01-2021

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						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	1	16			3	SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00	1	16			34	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 (WITH FLAGS)
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
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						ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00	1	16			20	ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	1	16			5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	1	16			6	RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	2	32			8	FLAGGER (SYMBOL
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00	2	32			21	SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00						END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	1	6			54	WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	2	24			4/25	SPEED LIMIT XX
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
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R4-7a	36X48	12.00						KEEP RIGHT (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	15	30			60	SIDEWALK CLOSED
R9-10	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	3	30			29	ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50	1	12.5			30	ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	2	16			1A	RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE

	TOTAL	USE
616-10.05 CONSTRUCTION SIGNS	262.5	263

	TOTAL
616-10.10 RELOCATED SIGNS	0

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)
6123001	1 LS	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008		ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	200	CHANNELIZER (TRIM LINE)
6161030	10	TYPE III MOVEABLE BARRICADE
6161033	30	DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161051		WARNING LIGHT - TYPE A
6161052		WARNING LIGHT - TYPE B
6161053		WARNING LIGHT - TYPE C
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN COMMISSION FURNISHED/RETAINED
6161098A	4	CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6162004		TEMPORARY SHORT-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6169902	30	ADA COMPLIANT MOVEABLE BARRICADE

SUMMARY OF QUANTITIES

SHEET 18 OF 18

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/15/2025

ROUTE VAR | STATE MO

DISTRICT KC | SHEET NO. 3

COUNTY JACKSON

JOB NO. J4P3268H

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

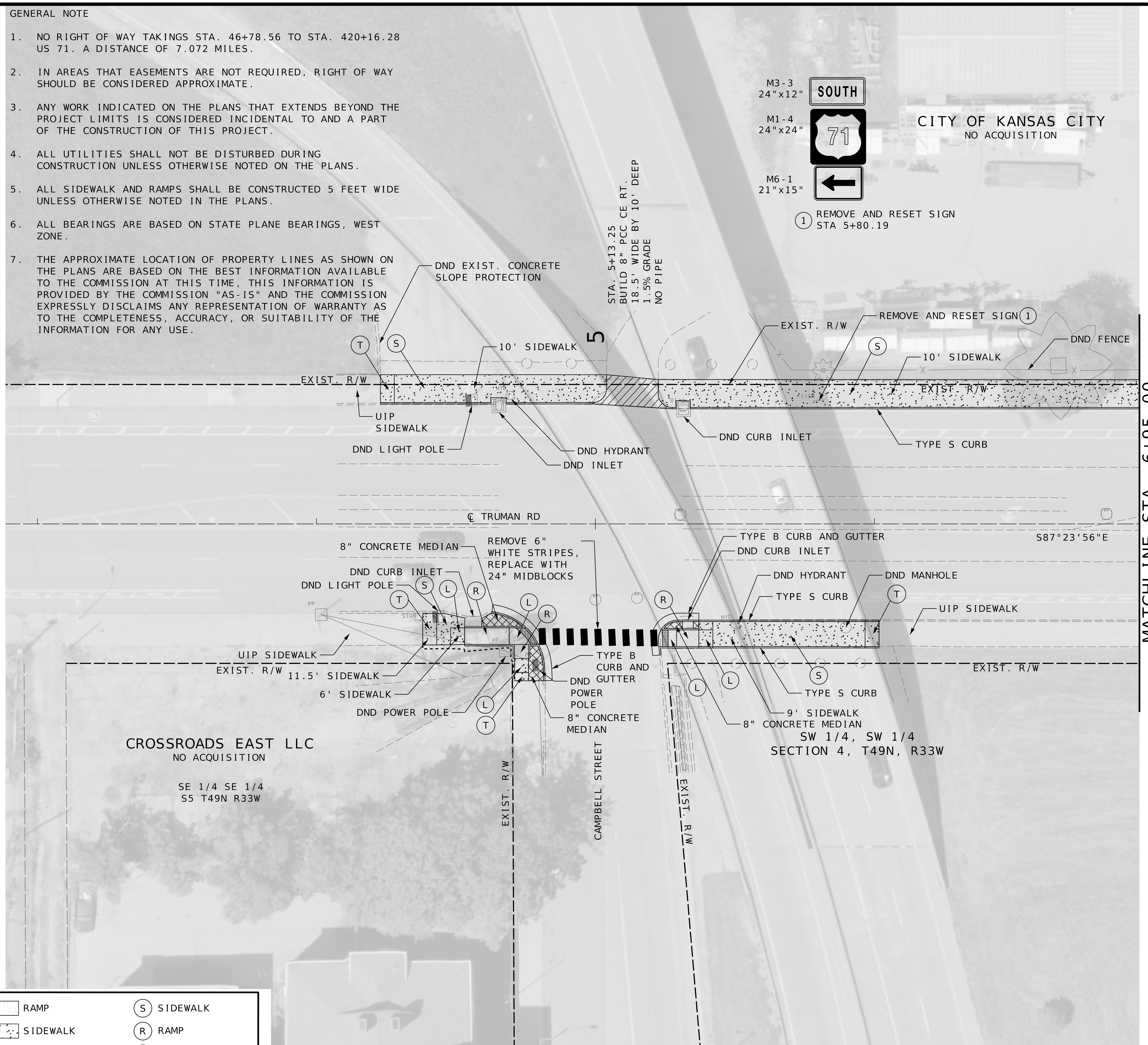
DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTE

1. NO RIGHT OF WAY TAKINGS STA. 46+78.56 TO STA. 420+16.28 US 71. A DISTANCE OF 7.072 MILES.
2. IN AREAS THAT EASEMENTS ARE NOT REQUIRED, RIGHT OF WAY SHOULD BE CONSIDERED APPROXIMATE.
3. 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.
4. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
5. ALL SIDEWALK AND RAMPS SHALL BE CONSTRUCTED 5 FEET WIDE UNLESS OTHERWISE NOTED IN THE PLANS.
6. ALL BEARINGS ARE BASED ON STATE PLANE BEARINGS, WEST ZONE.
7. THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME, THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OF WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.



	RAMP	S	SIDEWALK
	SIDEWALK	R	RAMP
	TRUNCATED DOMES	T	TRANSITION
	APPROACH	L	LANDING
	CONCRETE MEDIAN		

SCALE

0 20 40 60

PLAN SHEET
1 OF 36
US 71 AT TRUMAN RD.
SHEET 1 OF 2

Jonathan Peitz
2025.11.15

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

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

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

DATE PREPARED	
11/14/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	4
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
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

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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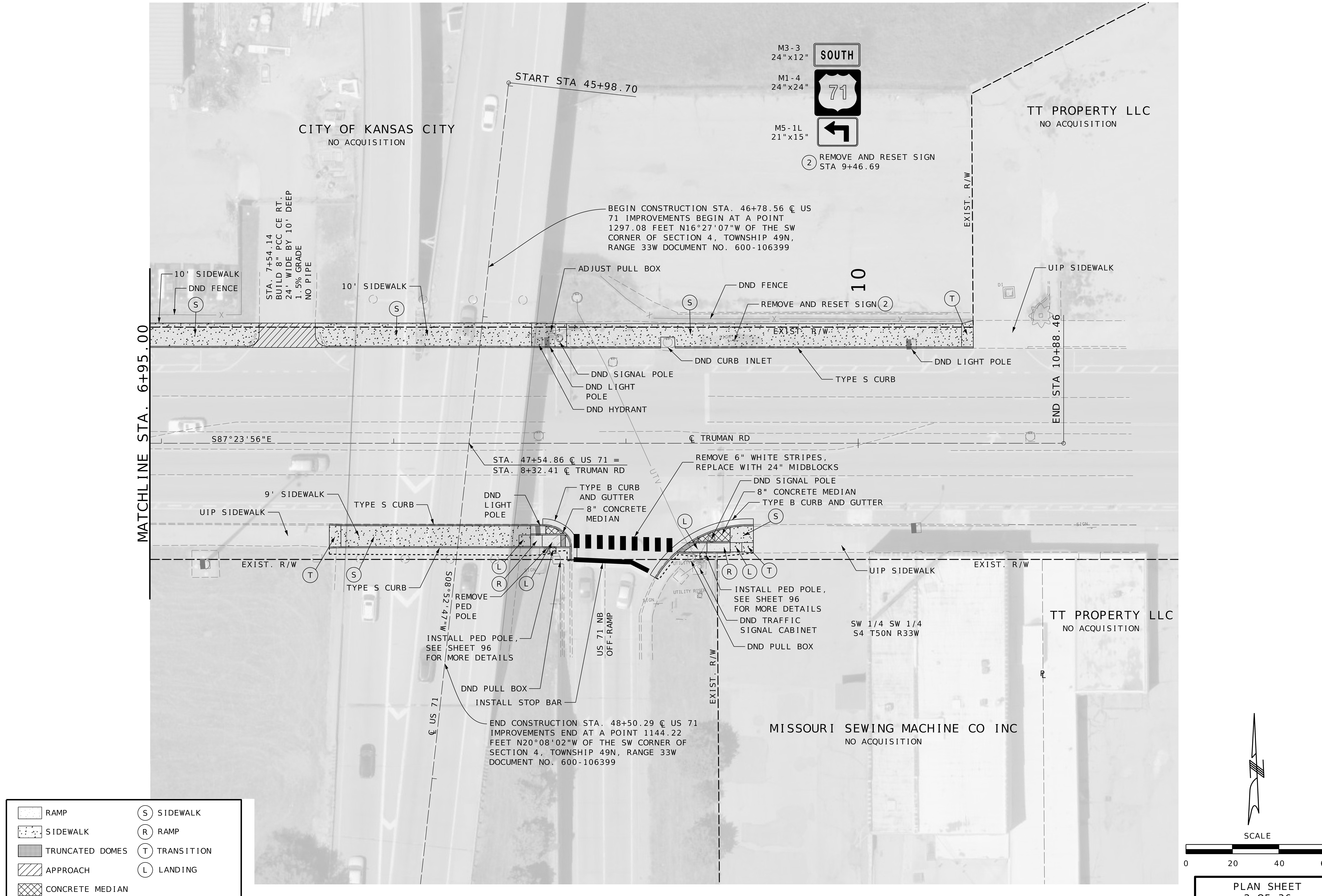

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER

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

DATE PREPARED	11/14/2025
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY	JACKSON
JOB NO.	J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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

PLAN SHEET
2 OF 36
US 71 AT TRUMAN RD.
SHEET 2 OF 2

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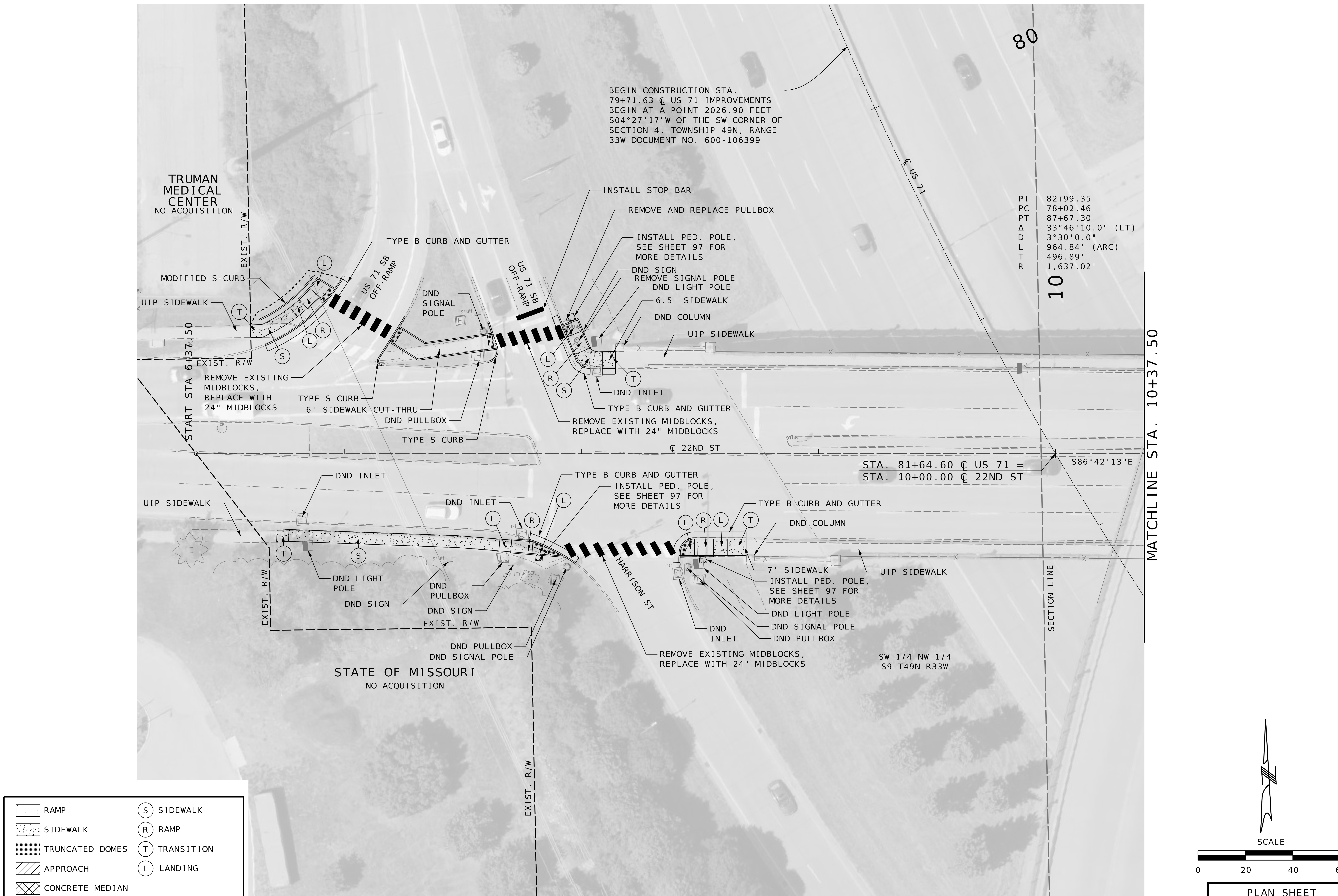

PLAN SHEET
3 OF 36
US 71 AT 22ND ST.
SHEET 1 OF 2

Jonathan Peitz 2025.11.15

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

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

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

DATE PREPARED	
11/14/2025	
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 6
COUNTY JACKSON	
JOB NO. J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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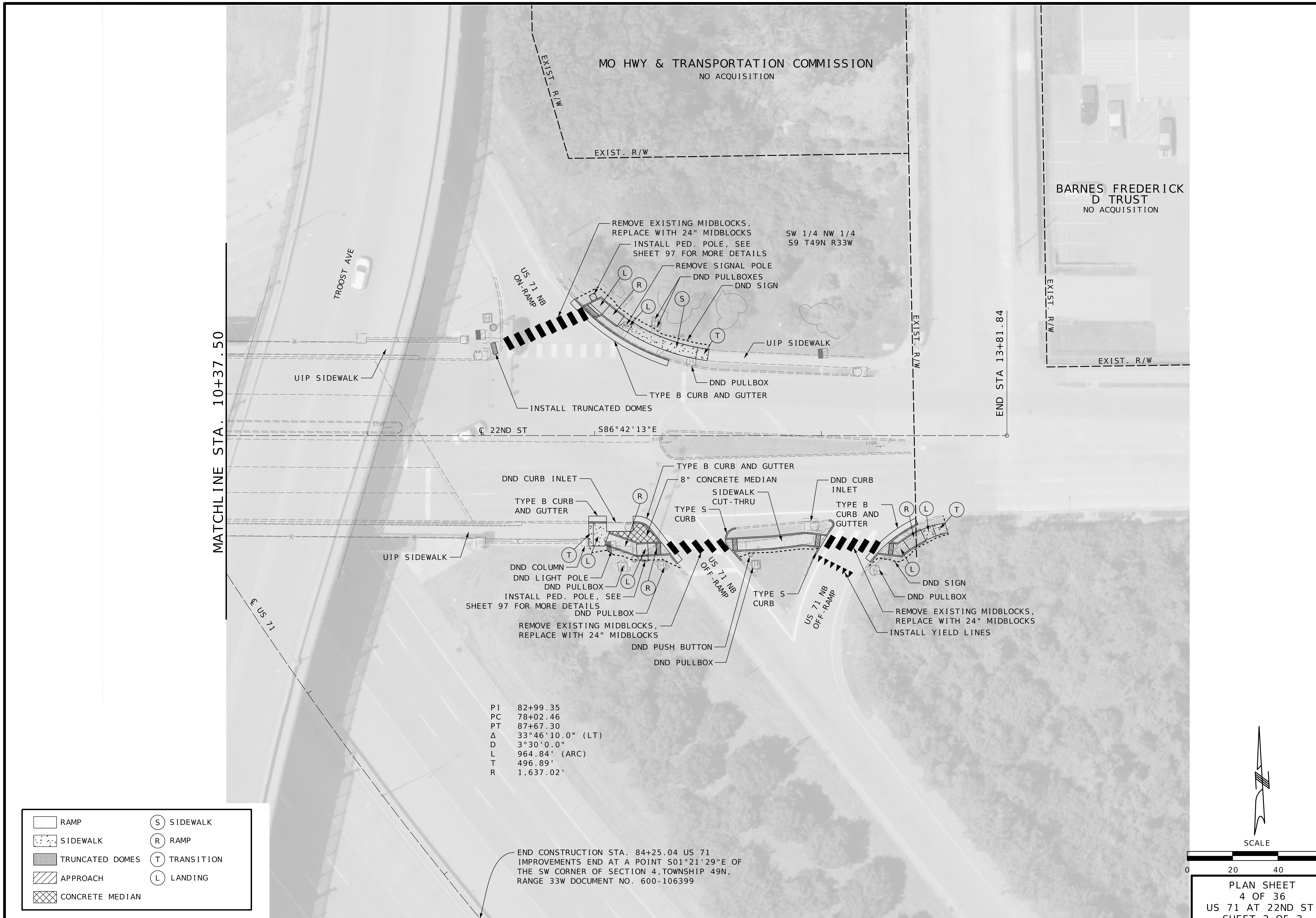

PLAN SHEET
4 OF 36
US 71 AT 22ND ST.
SHEET 2 OF 2

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

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 7
COUNTY: JACKSON	
JOB NO.: J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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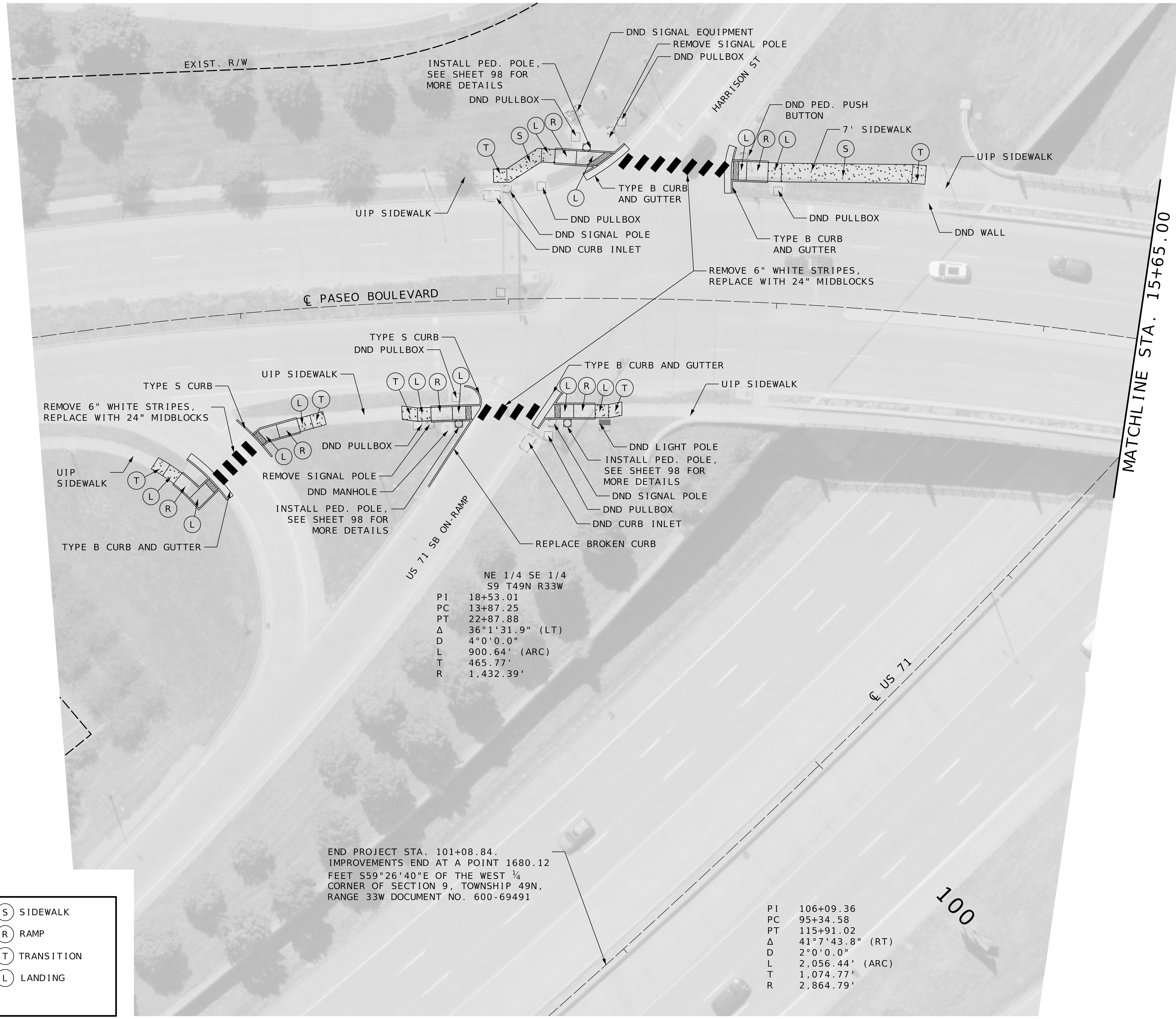

RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

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

DATE PREPARED	11/14/2025
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 8
COUNTY	JACKSON
JOB NO.	J4P3268H
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

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NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

PLAN SHEET
5 OF 36
US 71 AT THE PASEO
SHEET 1 OF 2

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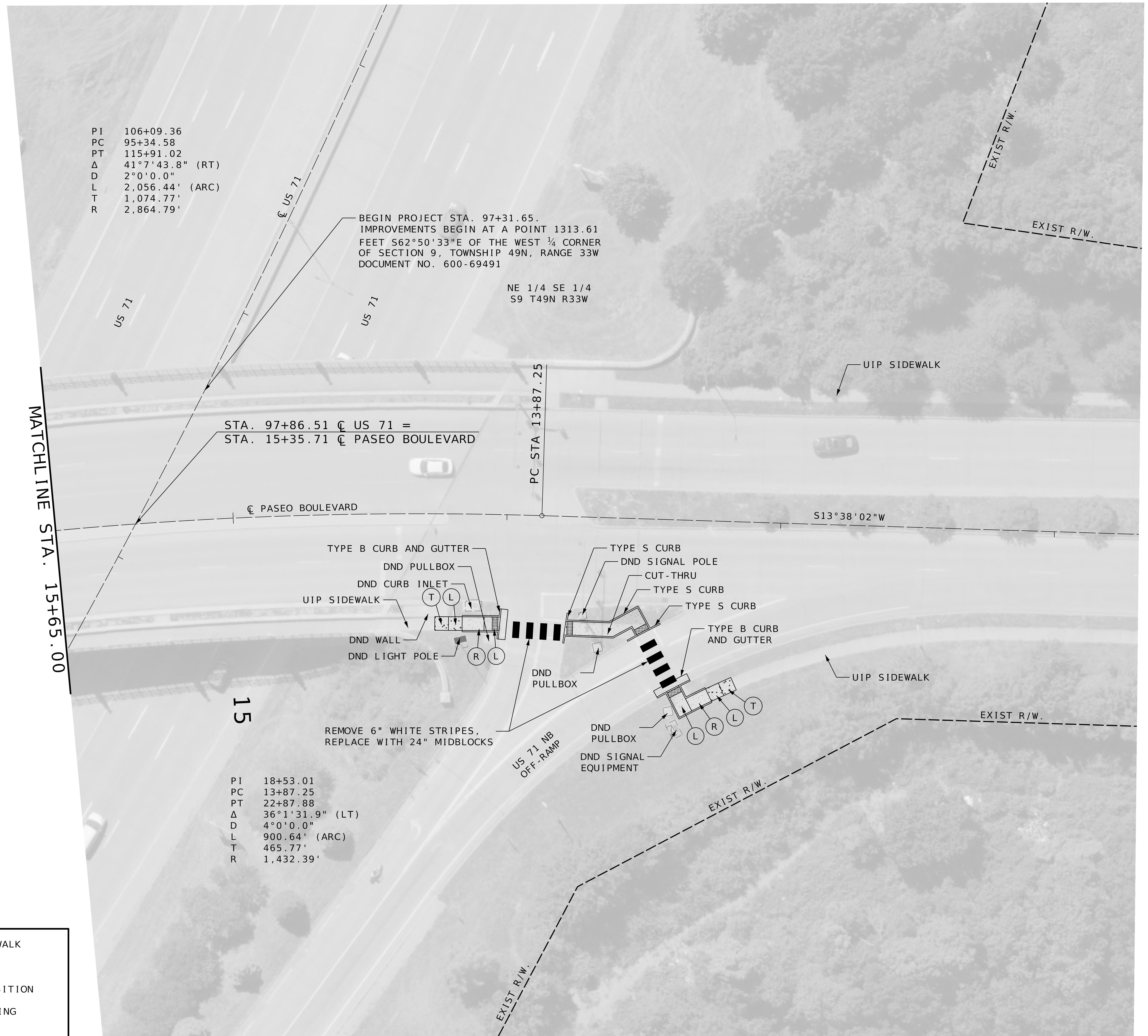

RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

SCALE
0 20 40 60

PLAN SHEET
6 OF 36
US 71 AT THE PASEO
SHEET 2 OF 2

Jonathan Peitz
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER
PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ–CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED	11/14/2025
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 9
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
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NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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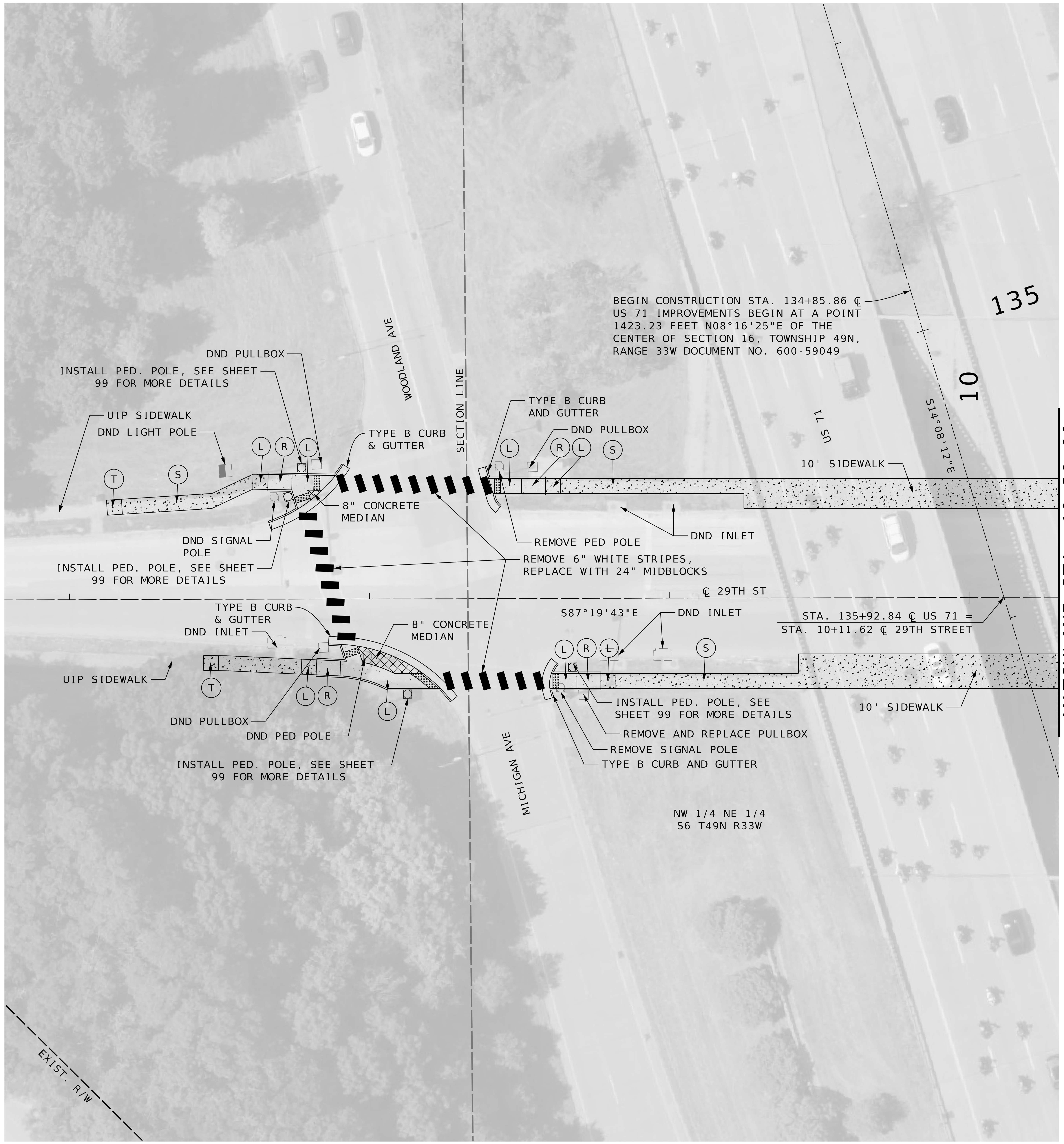

RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

SCALE

0 20 40 60

PLAN SHEET
7 OF 36
US 71 AT 29TH ST.
SHEET 1 OF 2

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

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	10
COUNTY	JACKSON
JOB NO.	J4P3268H
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

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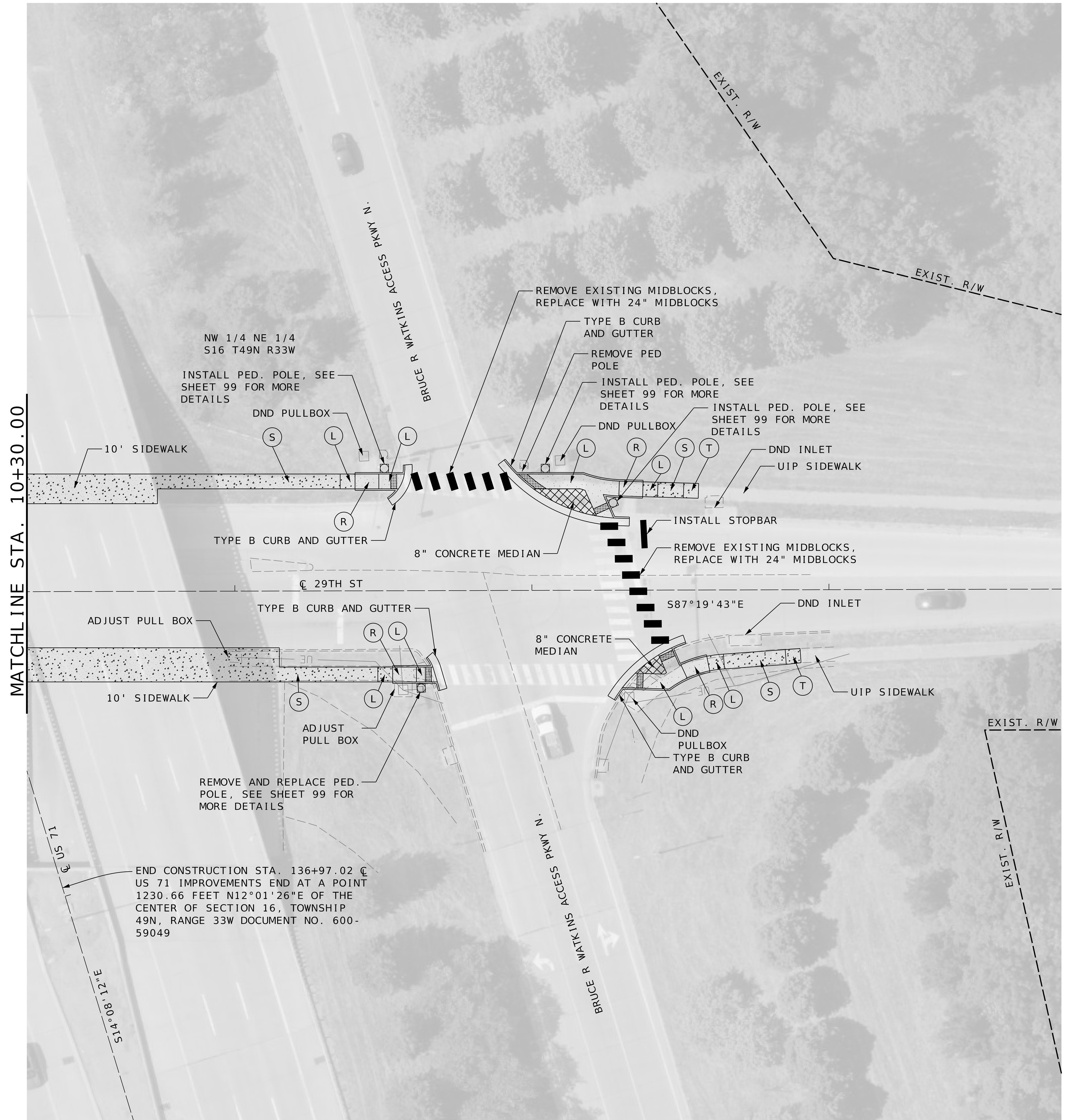
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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



	RAMP	S	SIDEWALK
	SIDEWALK	R	RAMP
	TRUNCATED DOMES	T	TRANSITION
	APPROACH	L	LANDING
	CONCRETE MEDIAN		

SCALE
0 20 40 60

PLAN SHEET
8 OF 36
US 71 AT 29TH ST.
SHEET 2 OF 2

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

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

DATE PREPARED	11/14/2025
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 11
COUNTY	JACKSON
JOB NO.	J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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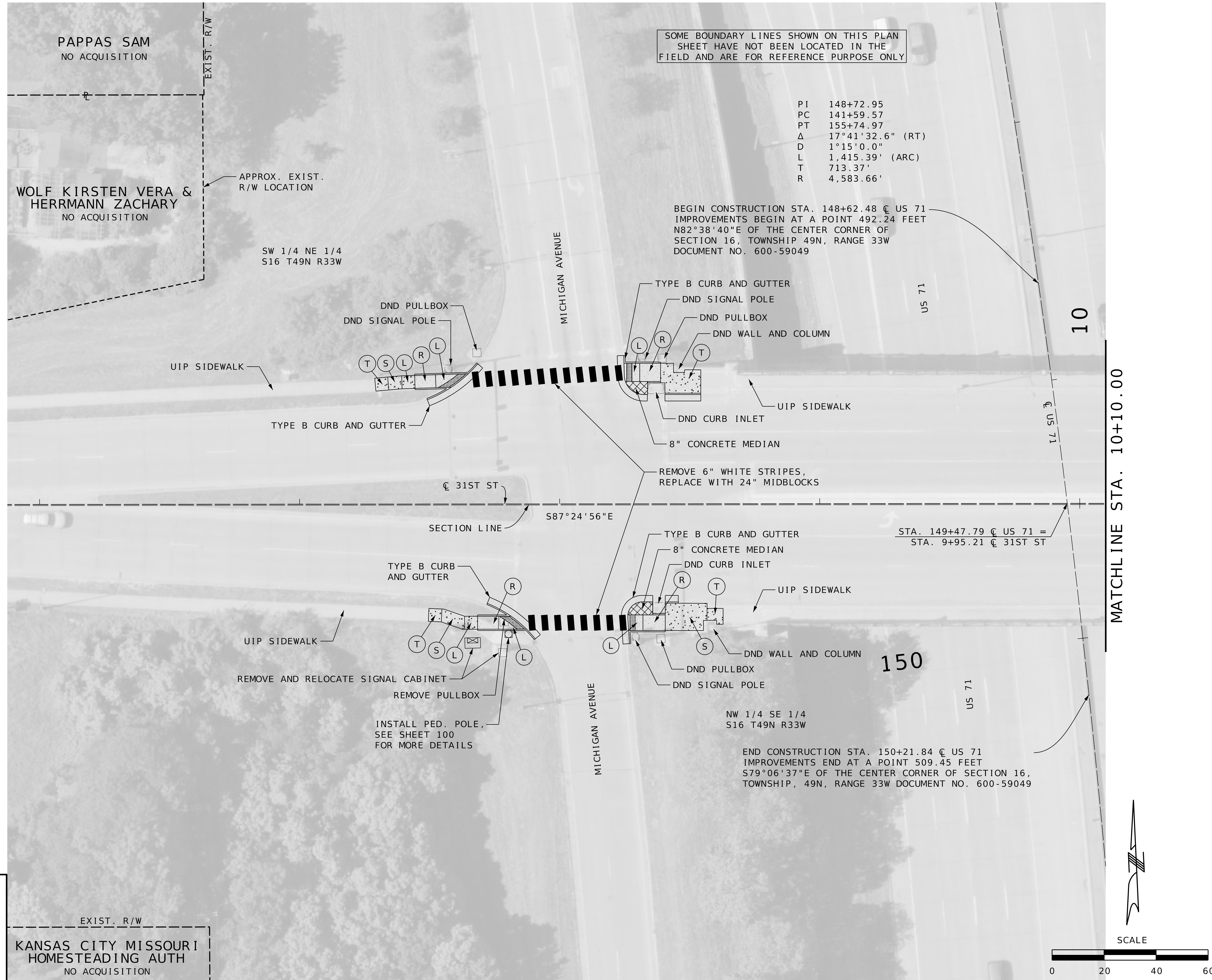

RAMP — (S) SIDEWALK
SIDEWALK — (R) RAMP
TRUNCATED DOMES — (T) TRANSITION
APPROACH — (L) LANDING
CONCRETE MEDIAN

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

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

DATE PREPARED	11/14/2025
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 12
COUNTY	JACKSON
JOB NO.	J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

PLAN SHEET
9 OF 36
US 71 AT 31ST ST.
SHEET 1 OF 2

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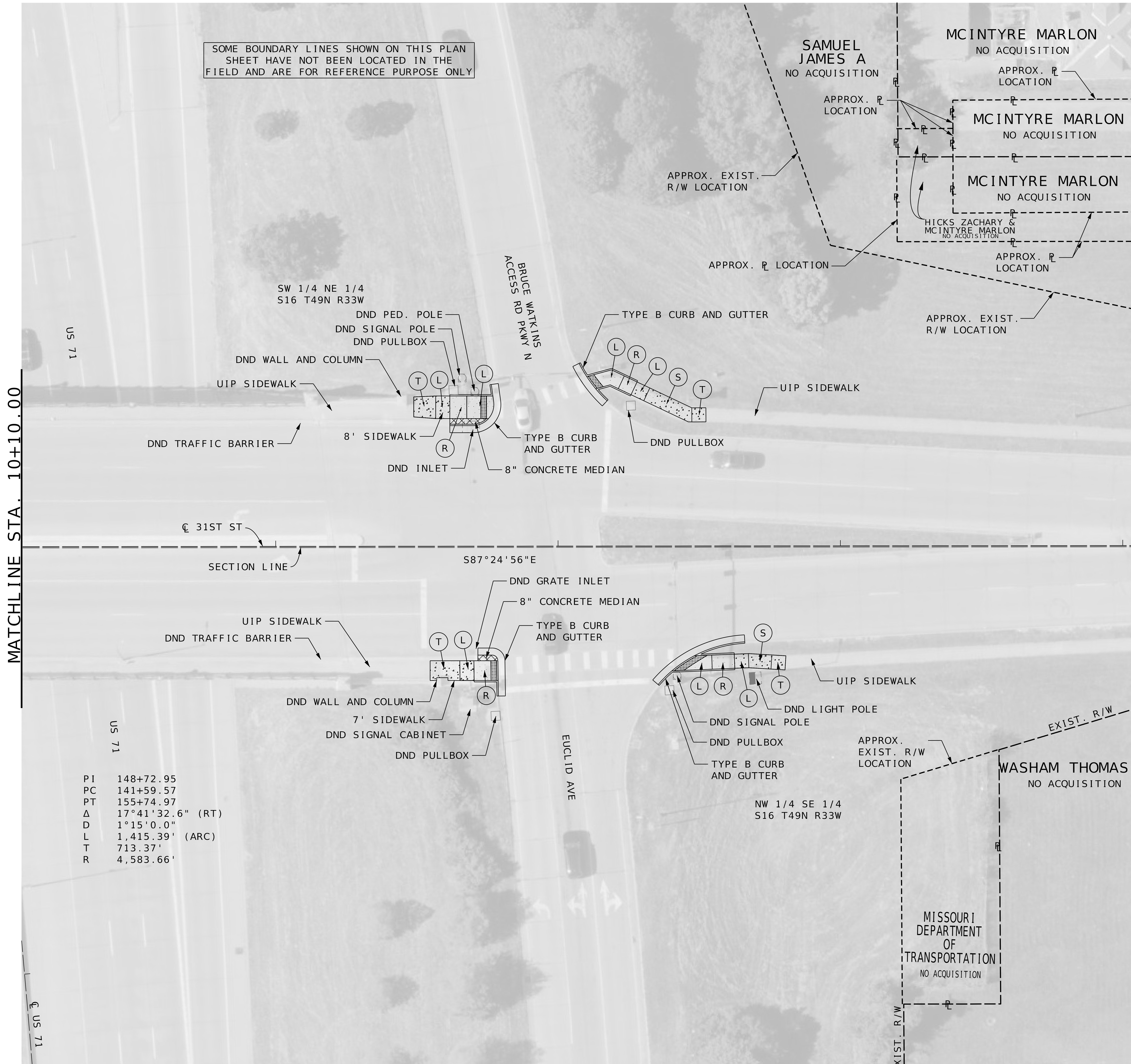

RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

SCALE
0 20 40 60

PLAN SHEET
10 OF 36
US 71 AT 31ST ST.
SHEET 2 OF 2

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

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

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 13
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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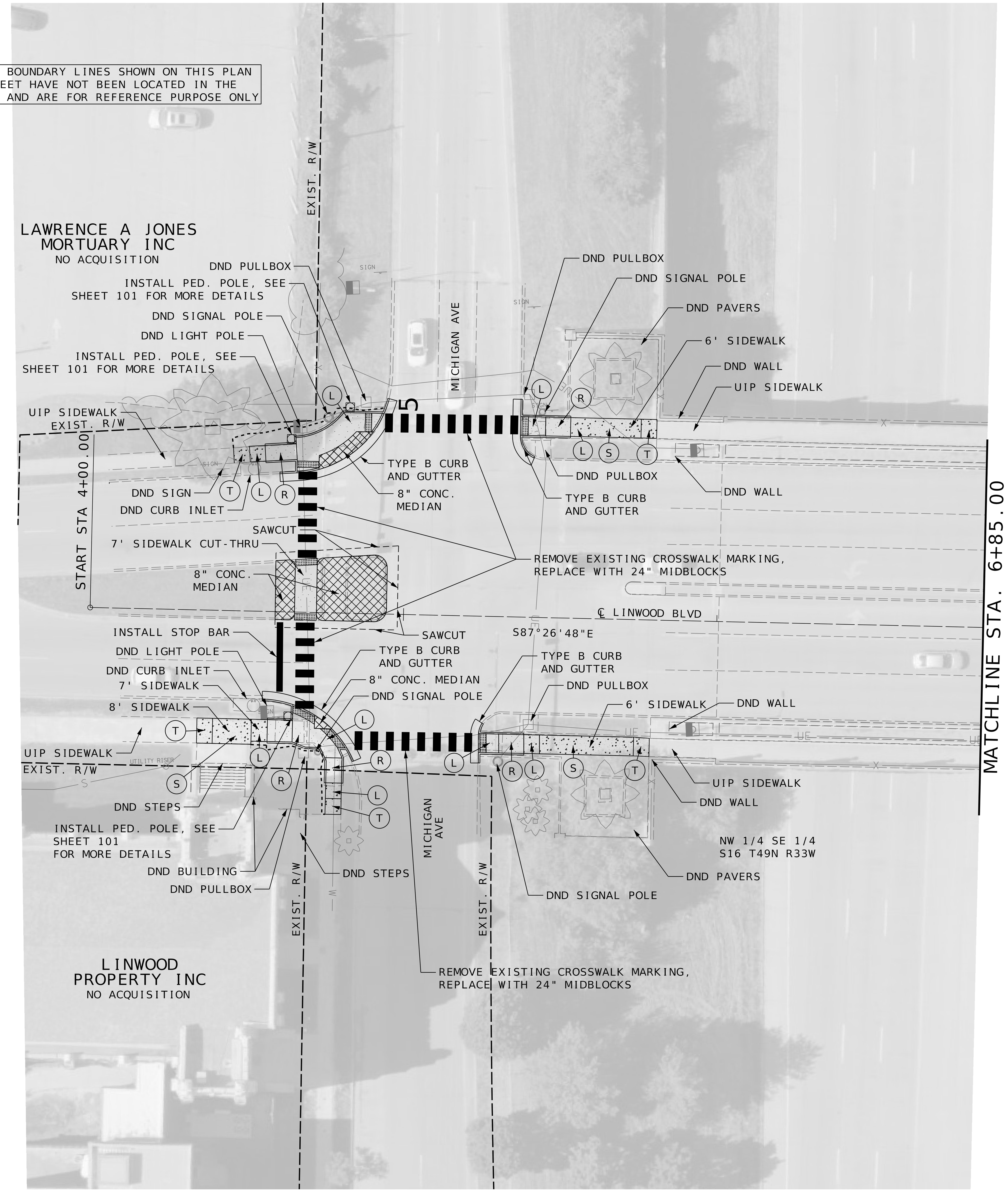

	RAMP	S	SIDEWALK
	SIDEWALK	R	RAMP
	TRUNCATED DOMES	T	TRANSITION
	APPROACH	L	LANDING
	CONCRETE MEDIAN		

SCALE
0 20 40 60

Jonathan Peitz
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER MO# PE-2017019023

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	14
COUNTY	JACKSON
JOB NO.	J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

PLAN SHEET
11 OF 36
US 71 AT LINWOOD BLVD.
SHEET 1 OF 2

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

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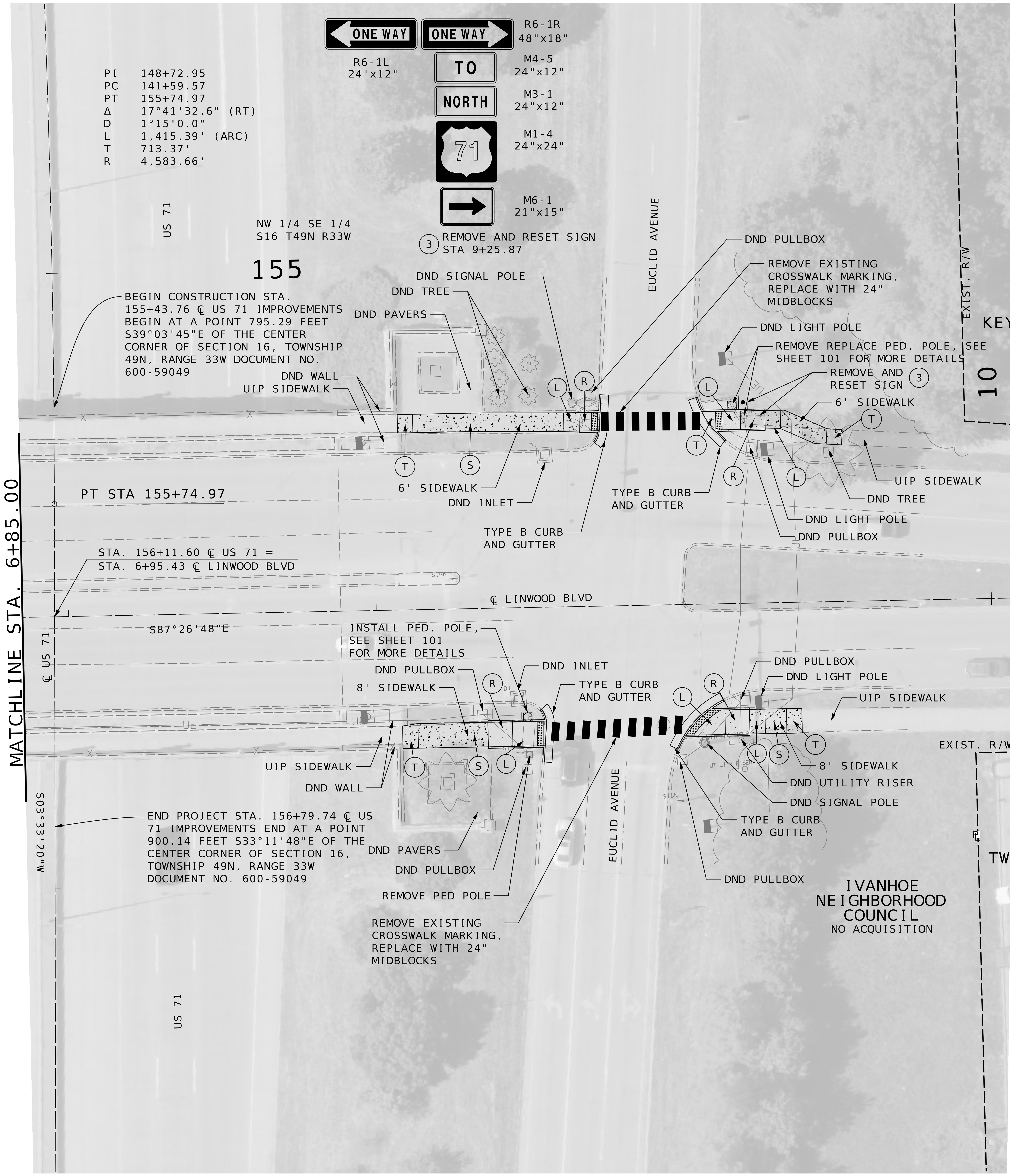

RAMP		(S)	SIDEWALK
SIDEWALK		(R)	RAMP
TRUNCATED DOMES		(T)	TRANSITION
APPROACH		(L)	LANDING
CONCRETE MEDIAN			

SCALE
0 20 40 60

PLAN SHEET
12 OF 36
US 71 AT LINWOOD BLVD.
SHEET 2 OF 2

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

DATE | DESCRIPTION

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

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

DATE PREPARED	11/14/2025
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 15
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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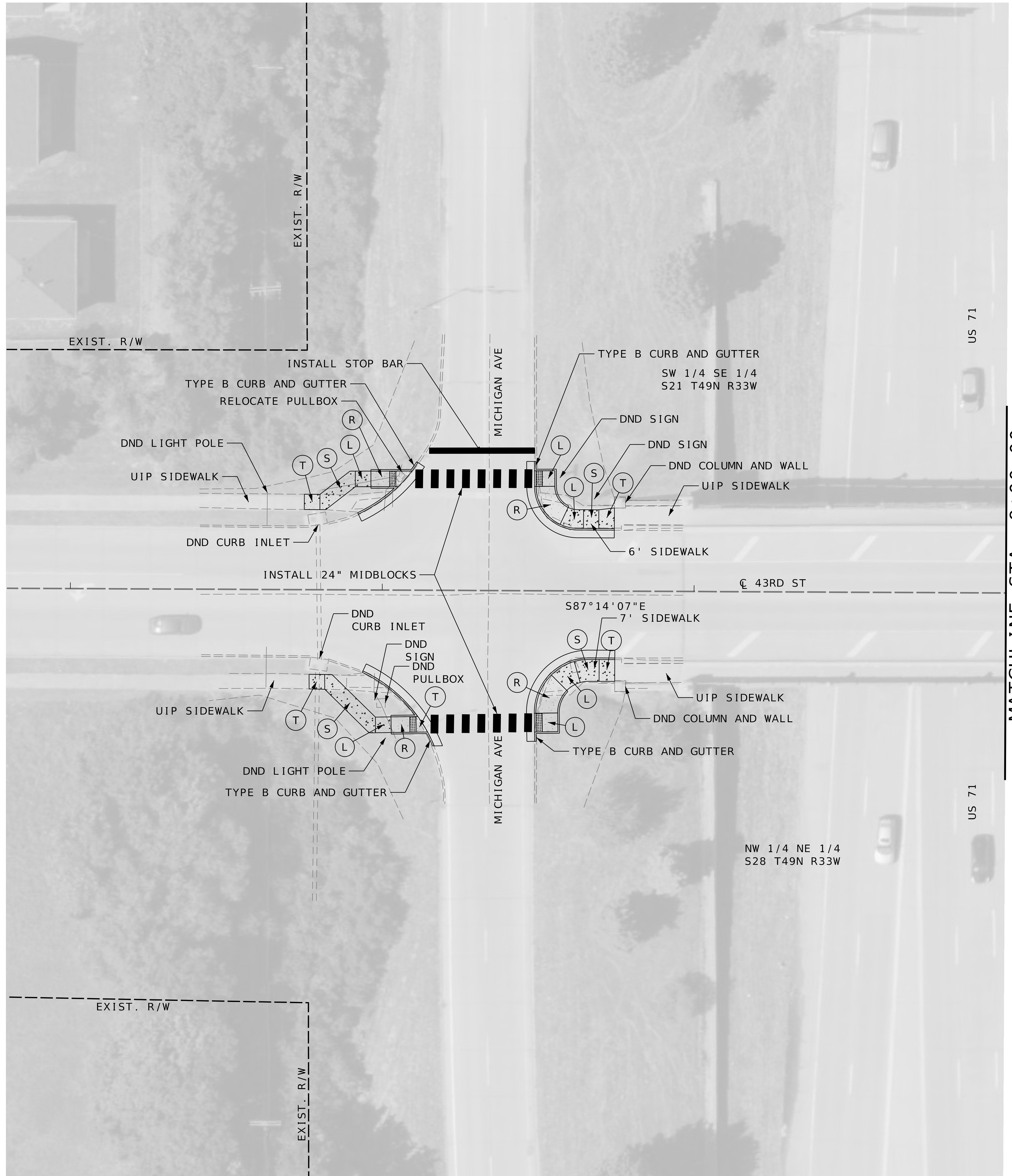


RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

SCALE
0 20 40 60

PLAN SHEET
13 OF 36
US 71 AT 43RD ST.
SHEET 1 OF 2

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

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 16
COUNTY: JACKSON	
JOB NO.: J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

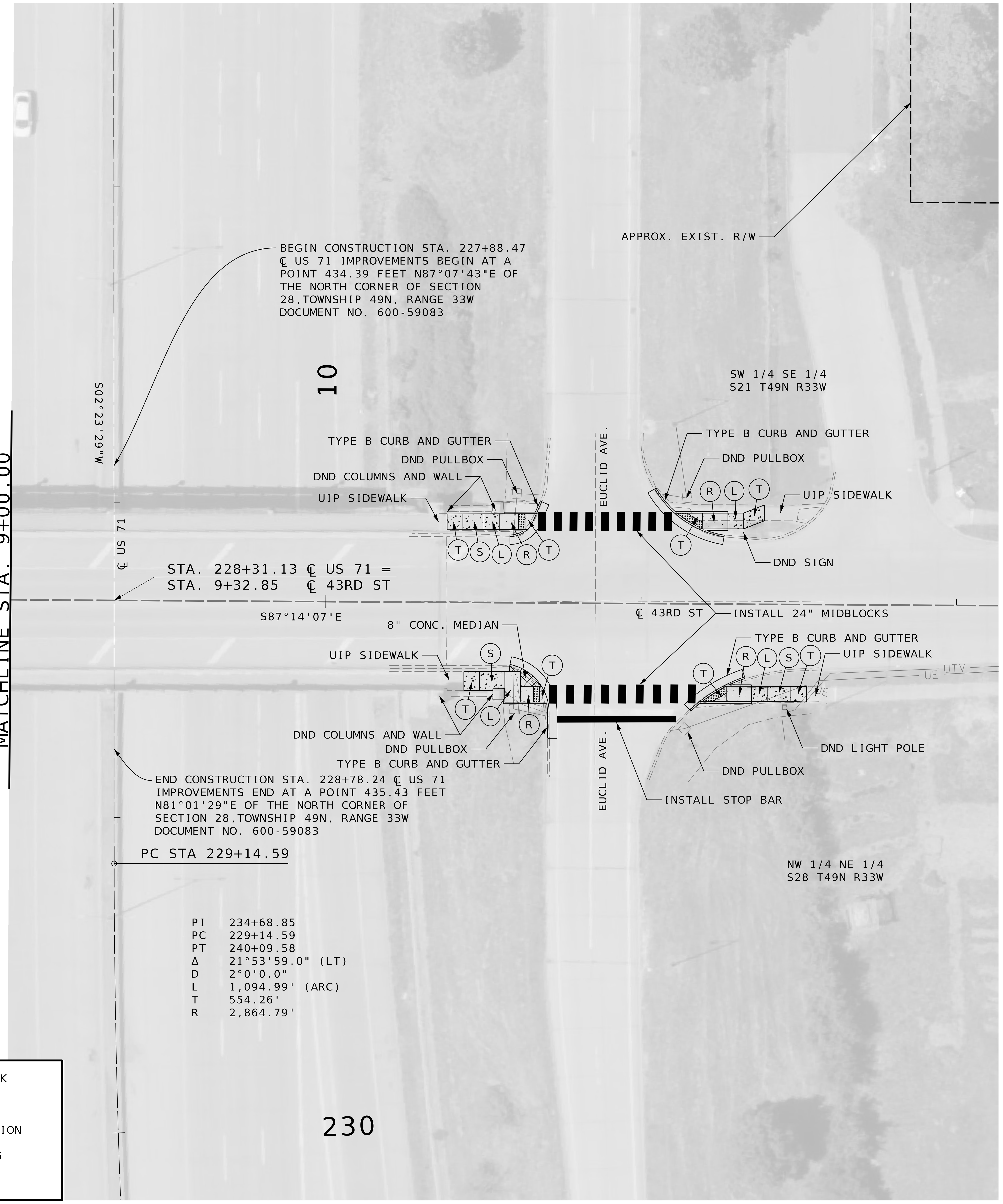
DATE	DESCRIPTION

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

MoDOT

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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



RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

SCALE

0 20 40 60

PLAN SHEET
14 OF 36
US 71 AT 43RD ST.
SHEET 2 OF 2

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

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	17
COUNTY	JACKSON
JOB NO.	J4P3268H
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)

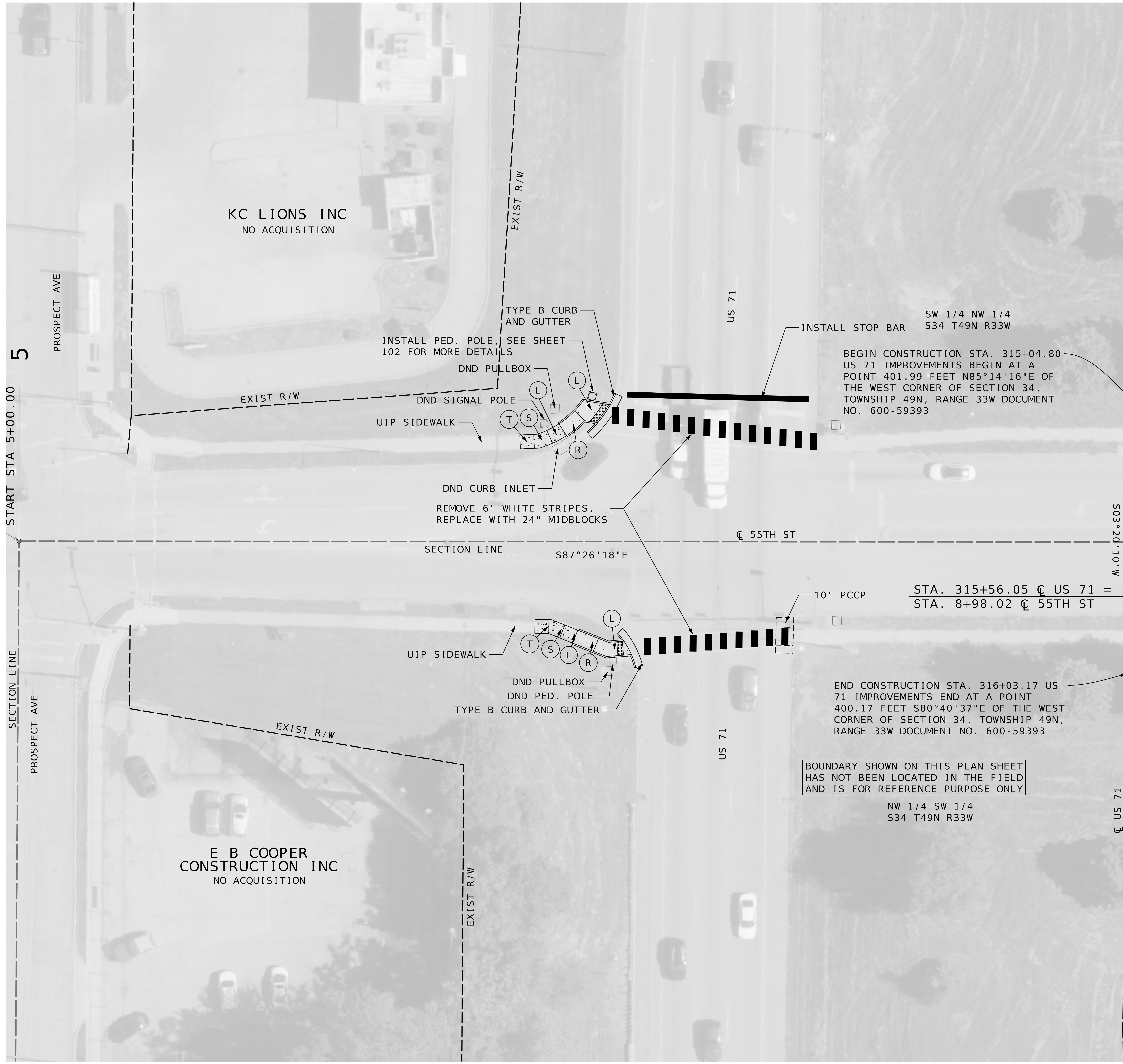
MoDOT

olsson

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\4 Plan Profile\017_Plan_14_43rd St_J4P3268H_I20.dgn 3:32:56 PM 11/14/2025



RAMP		S	SIDEWALK
SIDEWALK		R	RAMP
TRUNCATED DOMES		T	TRANSITION
APPROACH		L	LANDING
CONCRETE MEDIAN			

SCALE

0 20 40 60

PLAN SHEET
15 OF 36
US 71 AT 55TH ST.
SHEET 1 OF 2

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

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

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

DATE PREPARED	
11/14/2025	
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 18
COUNTY JACKSON	
JOB NO. J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

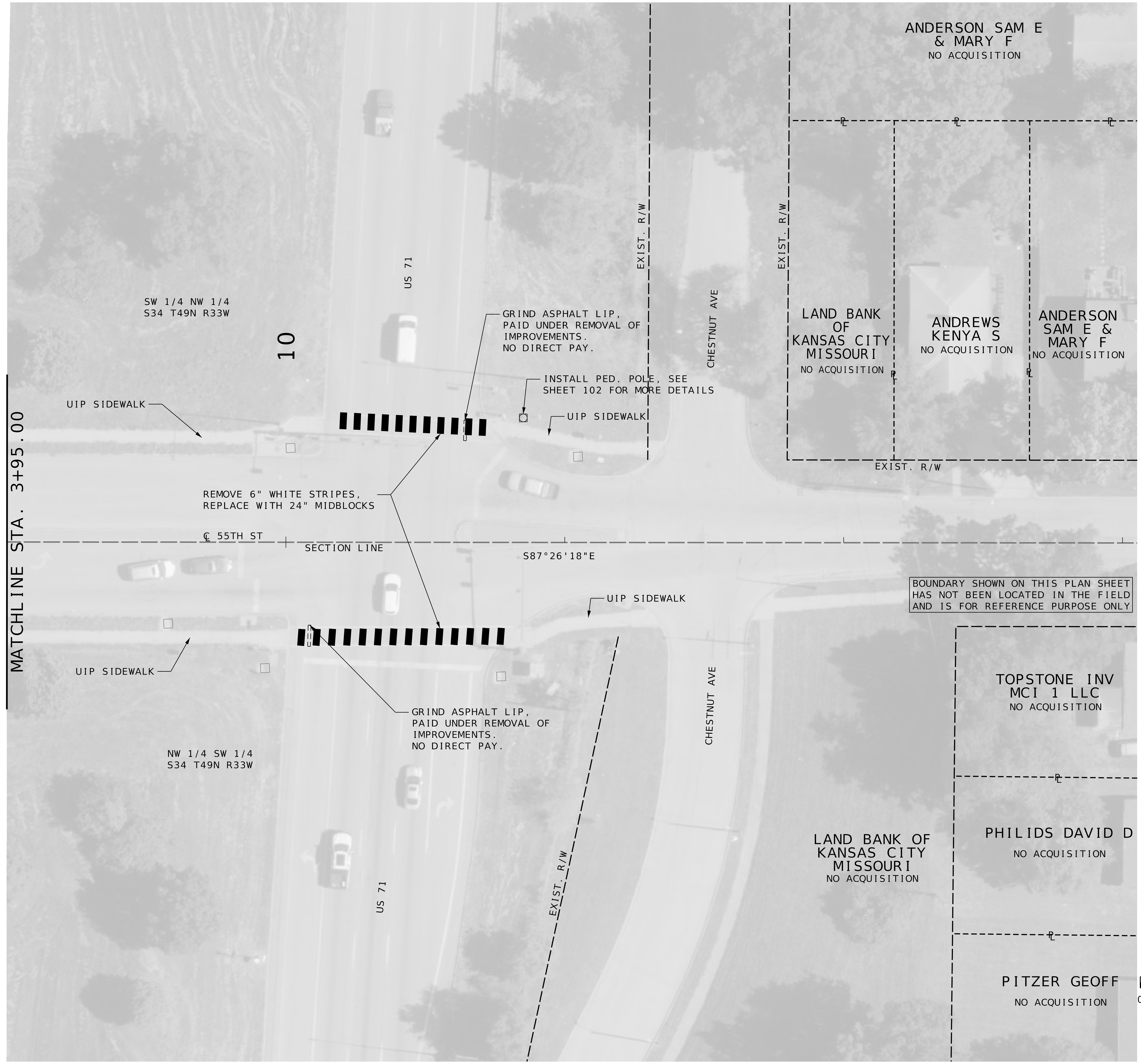
DESCRIPTION
DATE

315

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\4 Plan Profile\018_Plan_15_55th St_J4P3268H_I20.dgn 3:33:25 PM 11/14/2025



	RAMP	(S)	SIDEWALK
	SIDEWALK	(R)	RAMP
	TRUNCATED DOMES	(T)	TRANSITION
	APPROACH	(L)	LANDING
	CONCRETE MEDIAN		

SCALE
0 20 40 60

PLAN SHEET
16 OF 36
US 71 AT 55TH ST.
SHEET 2 OF 2

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

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

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

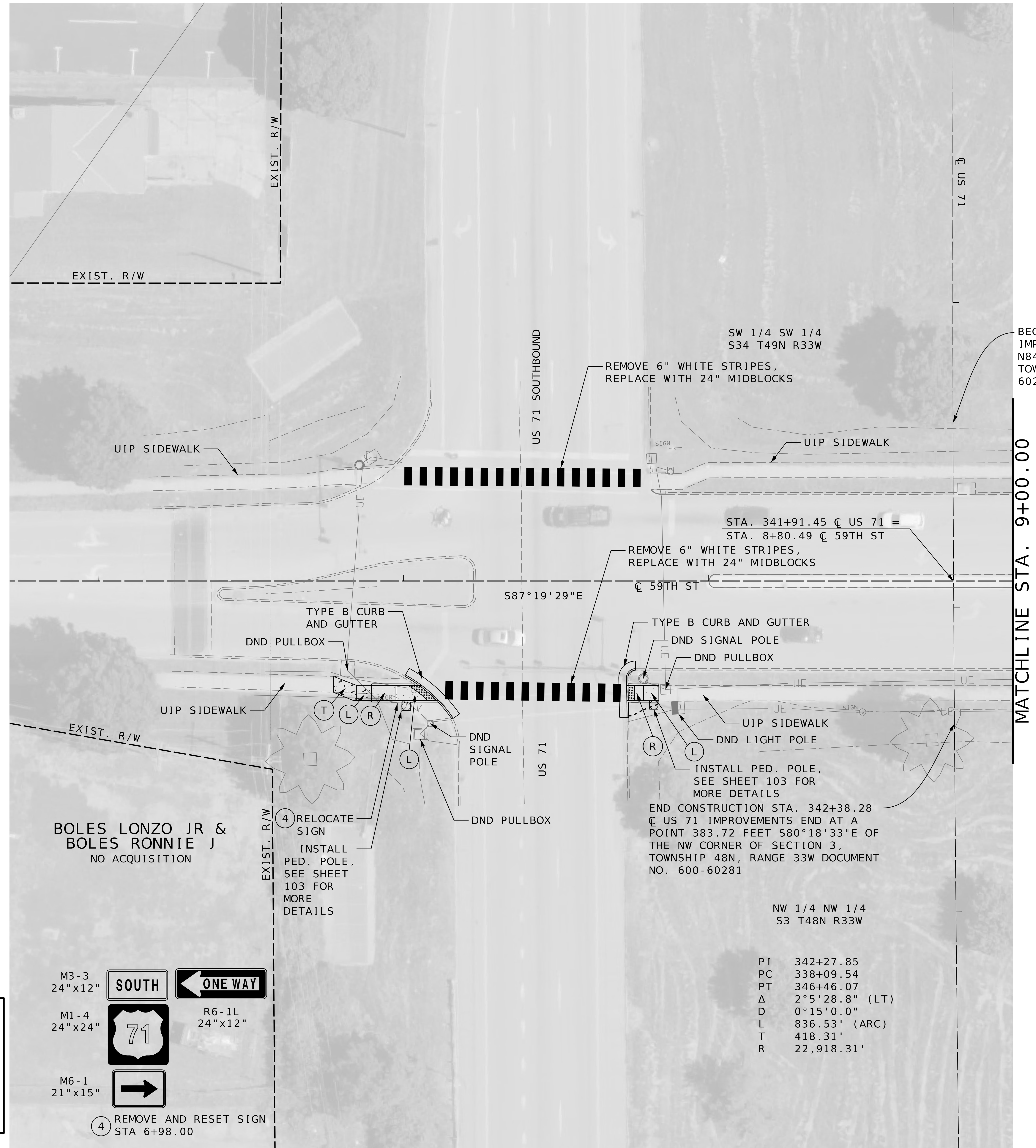
DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 19
COUNTY: JACKSON	
JOB NO.: J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION
DATE

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\4 Plan Profile\019_Plan_16_55th St_J4P3268H_I20.dgn 3:33:44 PM 11/14/2025



BEGIN CONSTRUCTION STA. 341+39.43 ℄ US 71 IMPROVEMENTS BEGIN AT A POINT 383.89 FEET N84°53'32"E OF THE NW CORNER OF SECTION 3, TOWNSHIP 48N, RANGE 33W DOCUMENT NO. 600-60281

RAMP		S	SIDEWALK
SIDEWALK		R	RAMP
TRUNCATED DOMES		T	TRANSITION
APPROACH		L	LANDING
CONCRETE MEDIAN			

SCALE

0 20 40 60

PLAN SHEET
17 OF 36
US 71 SB AT 59TH ST.
SHEET 1 OF 2

Jonathan W. Peitz
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER
PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED 11/14/2025	
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 20
COUNTY JACKSON	
JOB NO. J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

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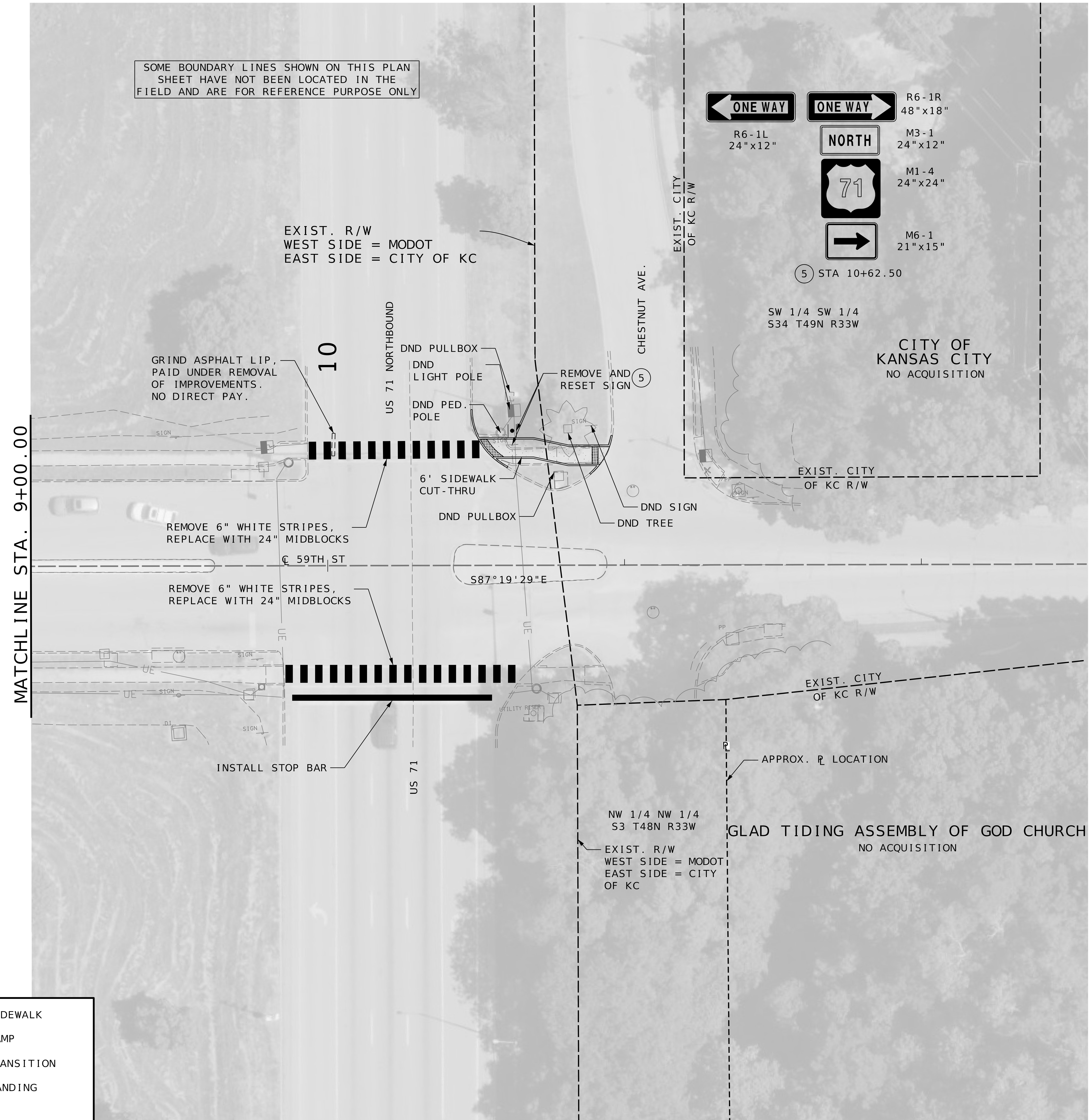


	RAMP	S	SIDEWALK
	SIDEWALK	R	RAMP
	TRUNCATED DOMES	T	TRANSITION
	APPROACH	L	LANDING
	CONCRETE MEDIAN		

SCALE
0 20 40 60

PLAN SHEET
18 OF 36
US 71 NB AT 59TH ST.
SHEET 2 OF 2

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

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

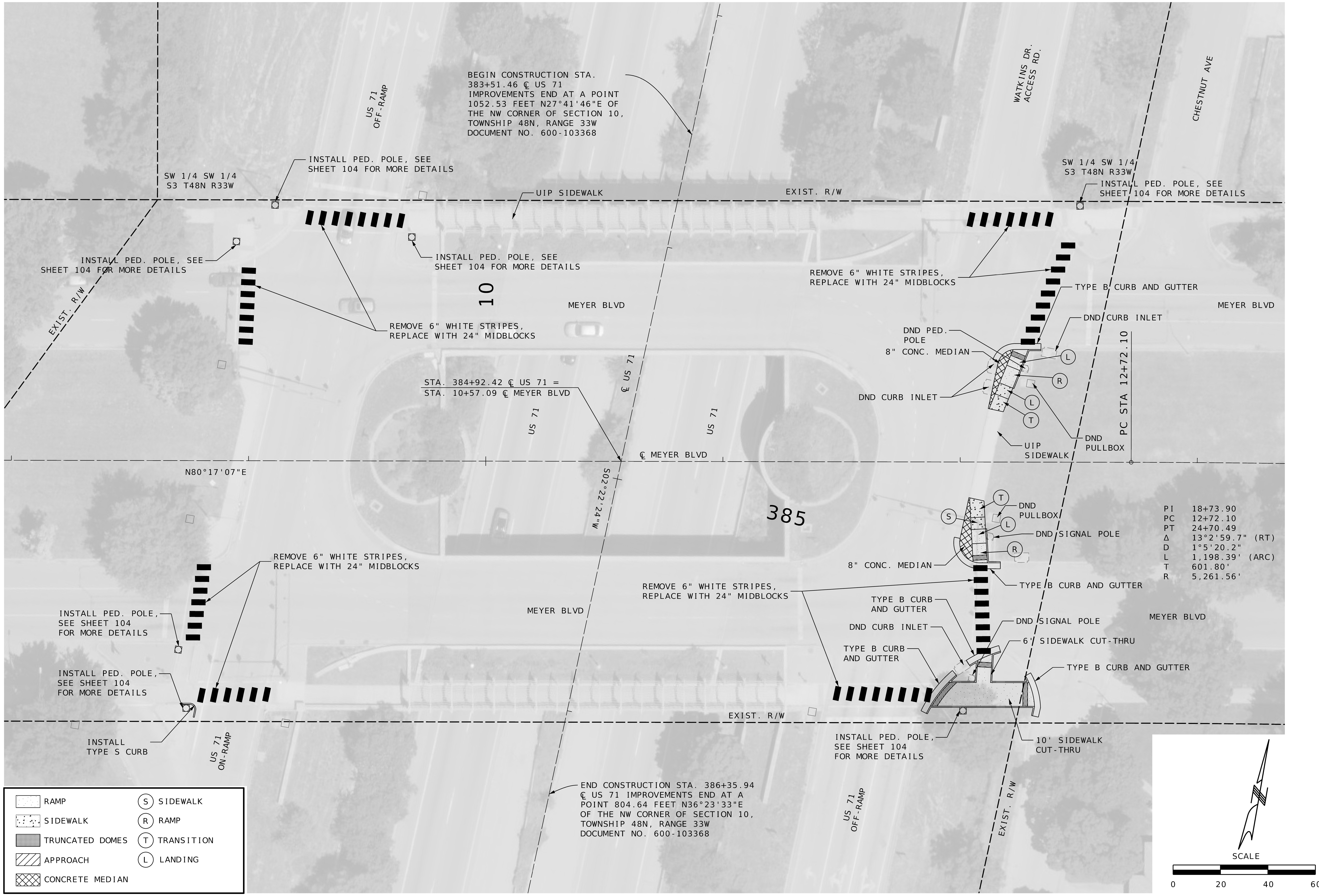
DATE PREPARED	11/14/2025
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 21
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION
DATE

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\4 Plan Profile\021_Plan_18_E 59th St_J4P3268H_I20.dgn 3:34:20 PM 11/14/2025



Jonathan W. Peitz

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

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 22
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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)

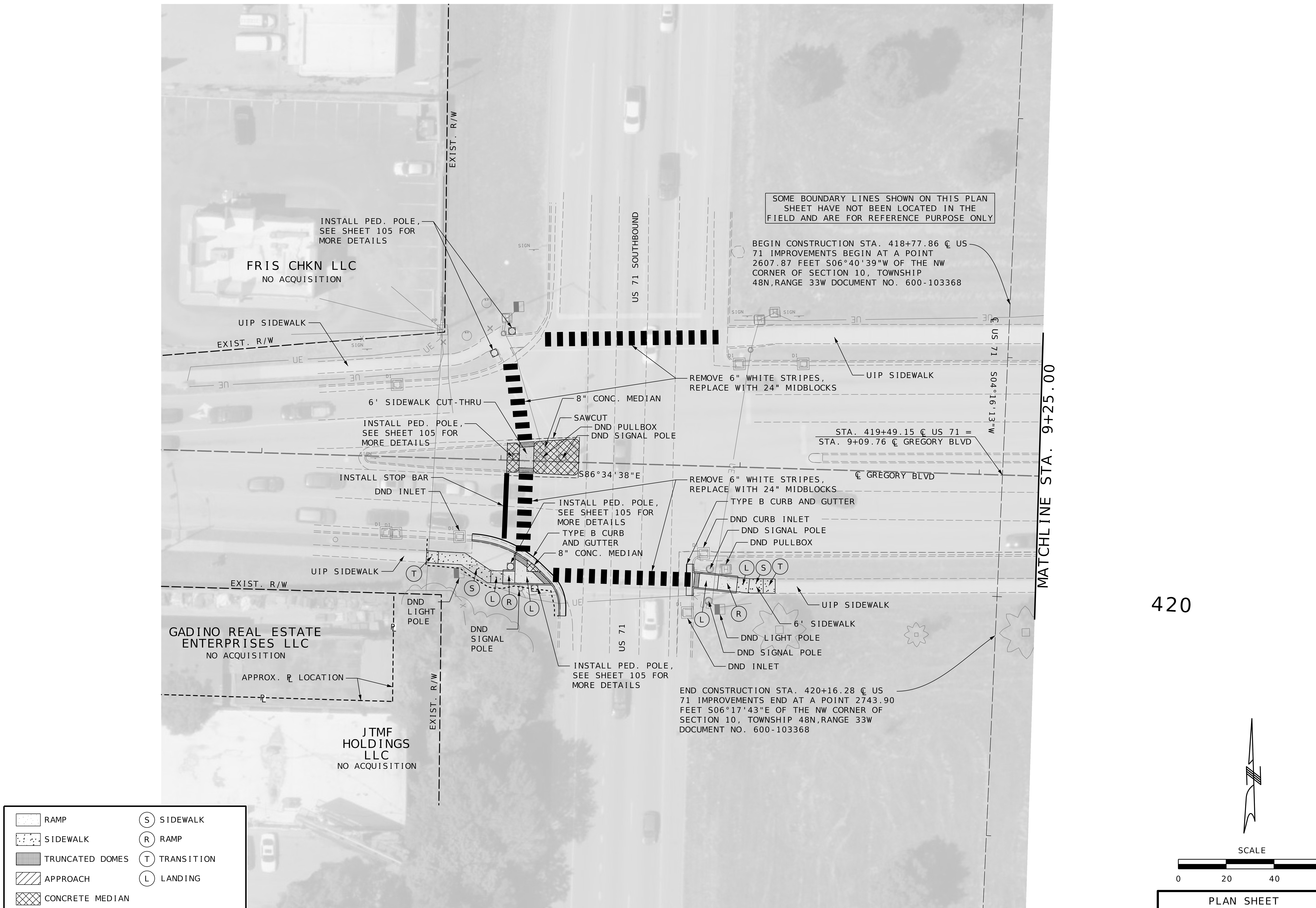
MoDOT

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

PLAN SHEET
19 OF 36
US 71 AT MEYER BLVD.
SHEET 1 OF 1

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\4 Plan Profile\022_Plan_19_Meyer Ave_J4P3268H_I20.dgn 3:35:08 PM 11/14/2025



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

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	23
COUNTY	JACKSON
JOB NO.	J4P3268H
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)

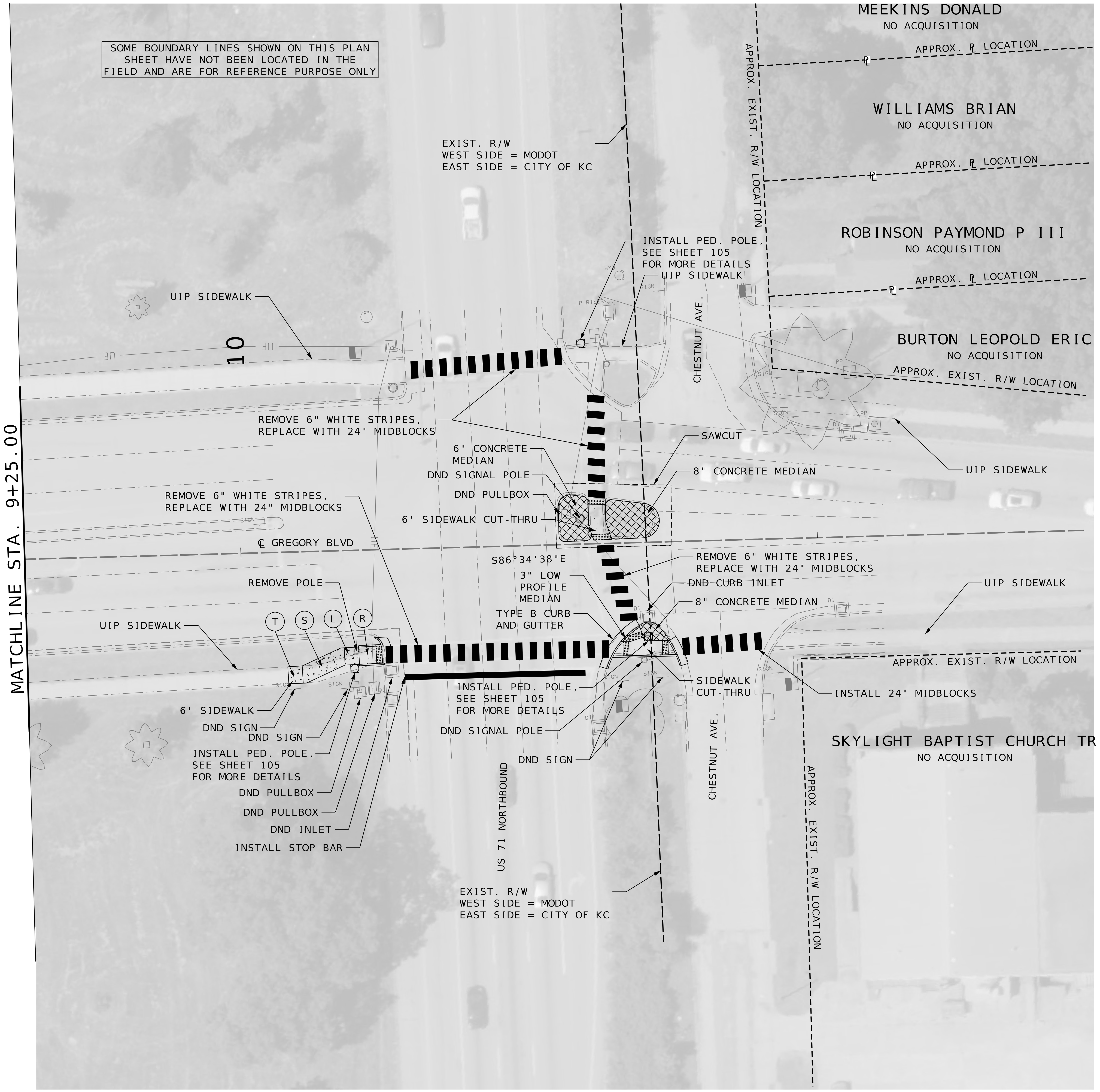
MoDOT

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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

PLAN SHEET
20 OF 36
US 71 AT GREGORY BLVD.
SHEET 1 OF 2

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\4 Plan Profile\023_Plan_20_Gregory_J4P3268H_I20.dgn 3:35:32 PM 11/14/2025



RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

SCALE
0 20 40 60

PLAN SHEET
21 OF 36
US 71 AT GREGORY BLVD.
SHEET 2 OF 2

Jonathan Peitz
2025.11.15

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

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

DATE PREPARED	11/14/2025
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 24
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

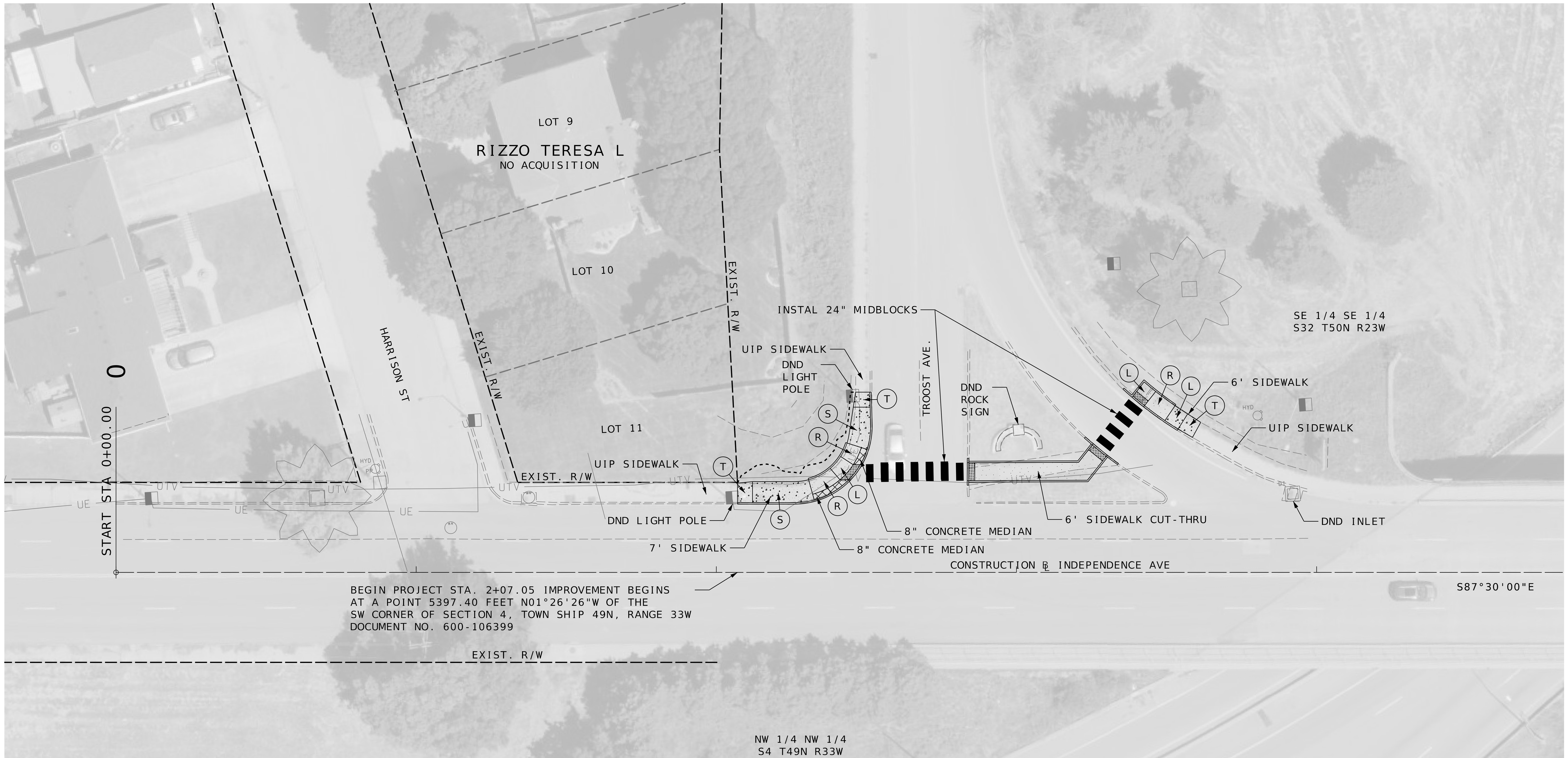
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\4 Plan Profile\024_Plan_21_Gregory_J4P3268H_I20.dgn 3:35:44 PM 11/14/2025



GENERAL NOTE

1. NO RIGHT OF WAY TAKINGS STA. 2+07.05 TO STA. 9+05.95 US 24 AT INDEPENDENCE AVENUE, A DISTANCE OF 0.132 MILES.
2. IN AREAS THAT EASEMENTS ARE NOT REQUIRED, RIGHT OF WAY SHOULD BE CONSIDERED APPROXIMATE.
3. 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.
4. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
5. ALL SIDEWALK AND RAMPS SHALL BE CONSTRUCTED 5 FEET WIDE UNLESS OTHERWISE NOTED IN THE PLANS.
6. ALL BEARINGS ARE BASED ON STATE PLANE BEARINGS, WEST ZONE.
7. THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME, THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OF WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

SCALE
0 20 40 60

PLAN SHEET
22 OF 36
US 24 AT INDEPENDENCE AVE.
SHEET 1 OF 2

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

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	25
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

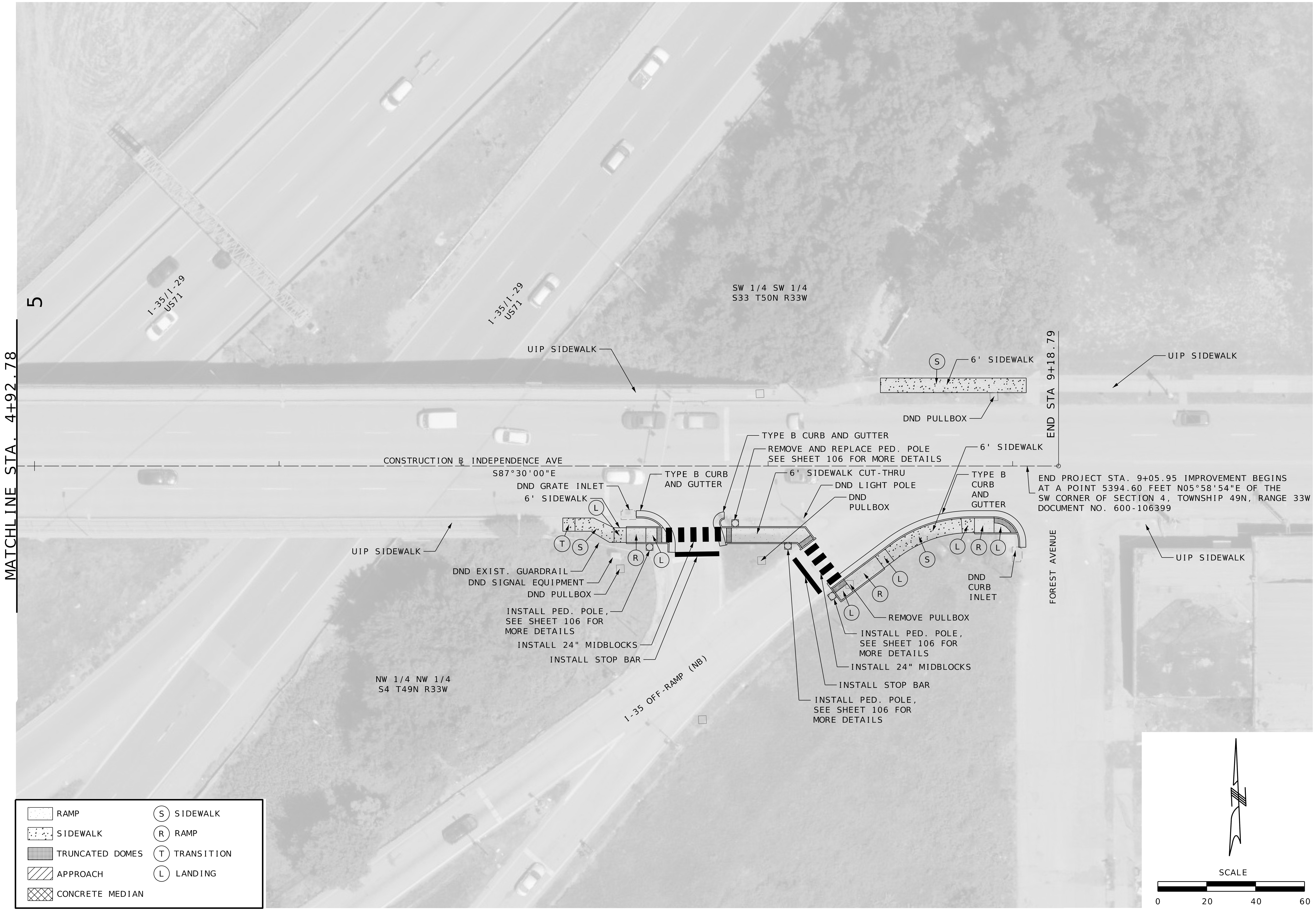
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\4 Plan Profile\025_Plan_22_Independence Ave_J4P3268H_I20.dgn 3:36:14 PM 11/14/2025



Jonathan Peitz
2025

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

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	26
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN 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

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

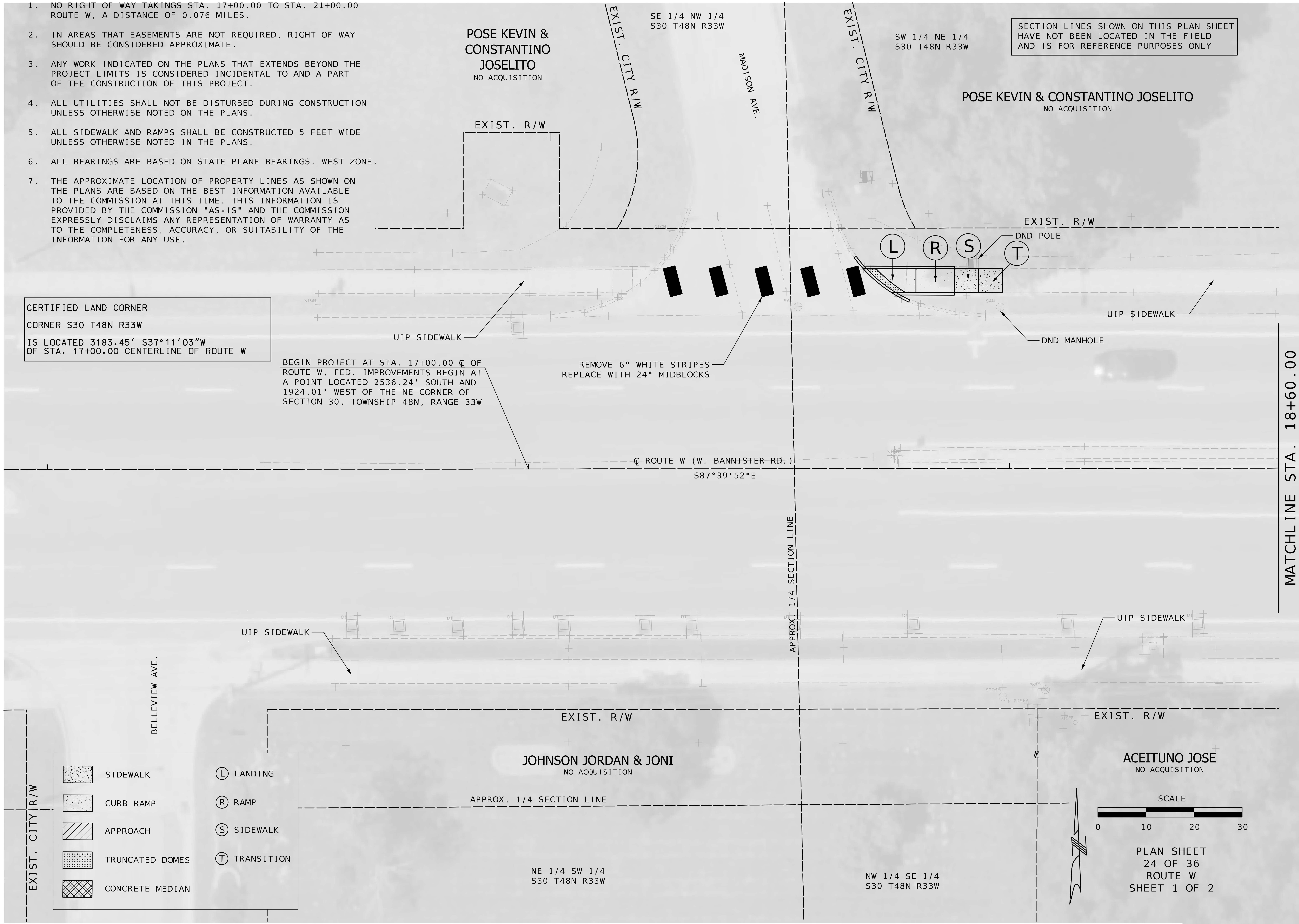
PLAN SHEET
23 OF 36
US 24 AT INDEPENDENCE AVE.
SHEET 2 OF 2

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\4 Plan Profile\026_Plan_23_Independence Ave_J4P3268H_I20.dgn 3:36:34 PM 11/14/2025

1. NO RIGHT OF WAY TAKINGS STA. 17+00.00 TO STA. 21+00.00 ROUTE W, A DISTANCE OF 0.076 MILES.
2. IN AREAS THAT EASEMENTS ARE NOT REQUIRED, RIGHT OF WAY SHOULD BE CONSIDERED APPROXIMATE.
3. 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.
4. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
5. ALL SIDEWALK AND RAMPS SHALL BE CONSTRUCTED 5 FEET WIDE UNLESS OTHERWISE NOTED IN THE PLANS.
6. ALL BEARINGS ARE BASED ON STATE PLANE BEARINGS, WEST ZONE.
7. THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OF WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

SECTION LINES SHOWN ON THIS PLAN SHEET HAVE NOT BEEN LOCATED IN THE FIELD AND IS FOR REFERENCE PURPOSES ONLY

CERTIFIED LAND CORNER
CORNER S30 T48N R33W
IS LOCATED 3183.45' S37°11'03"W OF STA. 17+00.00 CENTERLINE OF ROUTE W



PLAN SHEET
24 OF 36
ROUTE W
SHEET 1 OF 2

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	
11/15/2025	
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 27
COUNTY: JACKSON	
JOB NO.: J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

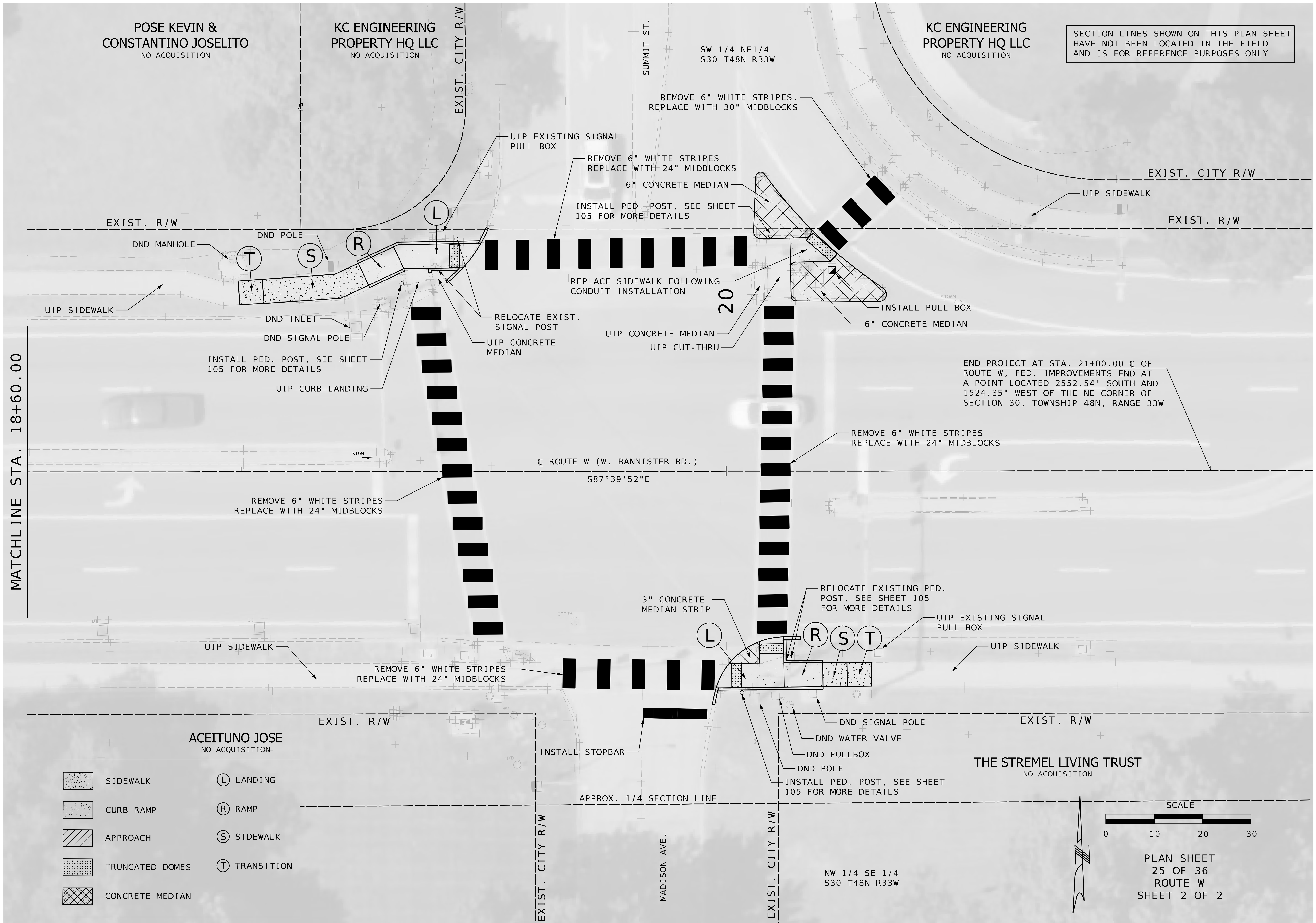
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/027_PP_Route W - W. Bannister Rd - Plan 1.dgn 12:30:17 AM 11/15/2025



PLAN SHEET
25 OF 36
ROUTE W
SHEET 2 OF 2

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 28
COUNTY JACKSON	
JOB NO. J4P3268H	
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)

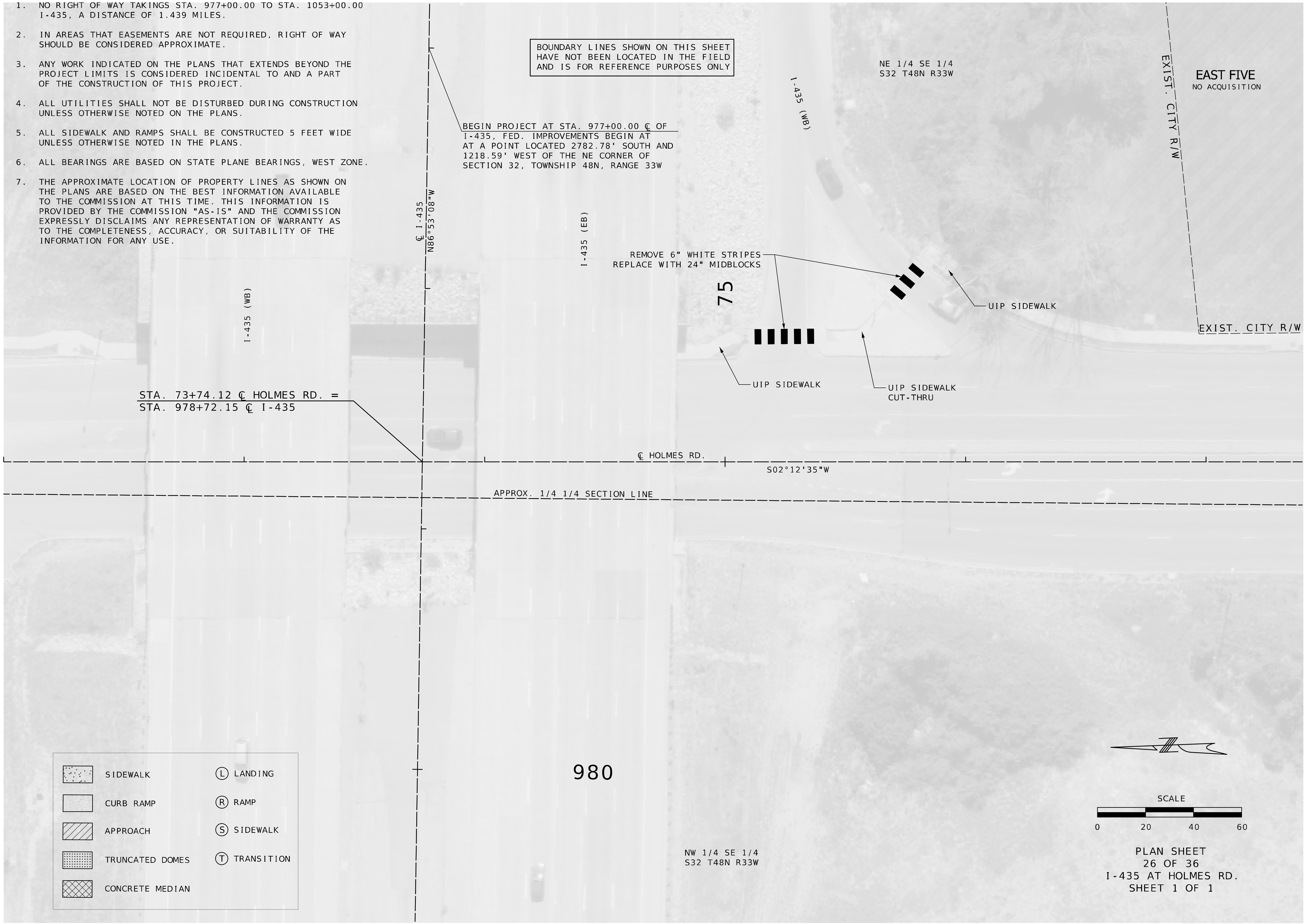
MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/028_PP_Route W - W. Bannister Rd - Plan 2.dgn 12:30:34 AM 11/15/2025

1. NO RIGHT OF WAY TAKINGS STA. 977+00.00 TO STA. 1053+00.00 I-435, A DISTANCE OF 1.439 MILES.
2. IN AREAS THAT EASEMENTS ARE NOT REQUIRED, RIGHT OF WAY SHOULD BE CONSIDERED APPROXIMATE.
3. 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.
4. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
5. ALL SIDEWALK AND RAMPS SHALL BE CONSTRUCTED 5 FEET WIDE UNLESS OTHERWISE NOTED IN THE PLANS.
6. ALL BEARINGS ARE BASED ON STATE PLANE BEARINGS, WEST ZONE.
7. THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OF WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.



PLAN SHEET
26 OF 36
I-435 AT HOLMES RD.
SHEET 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	29
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

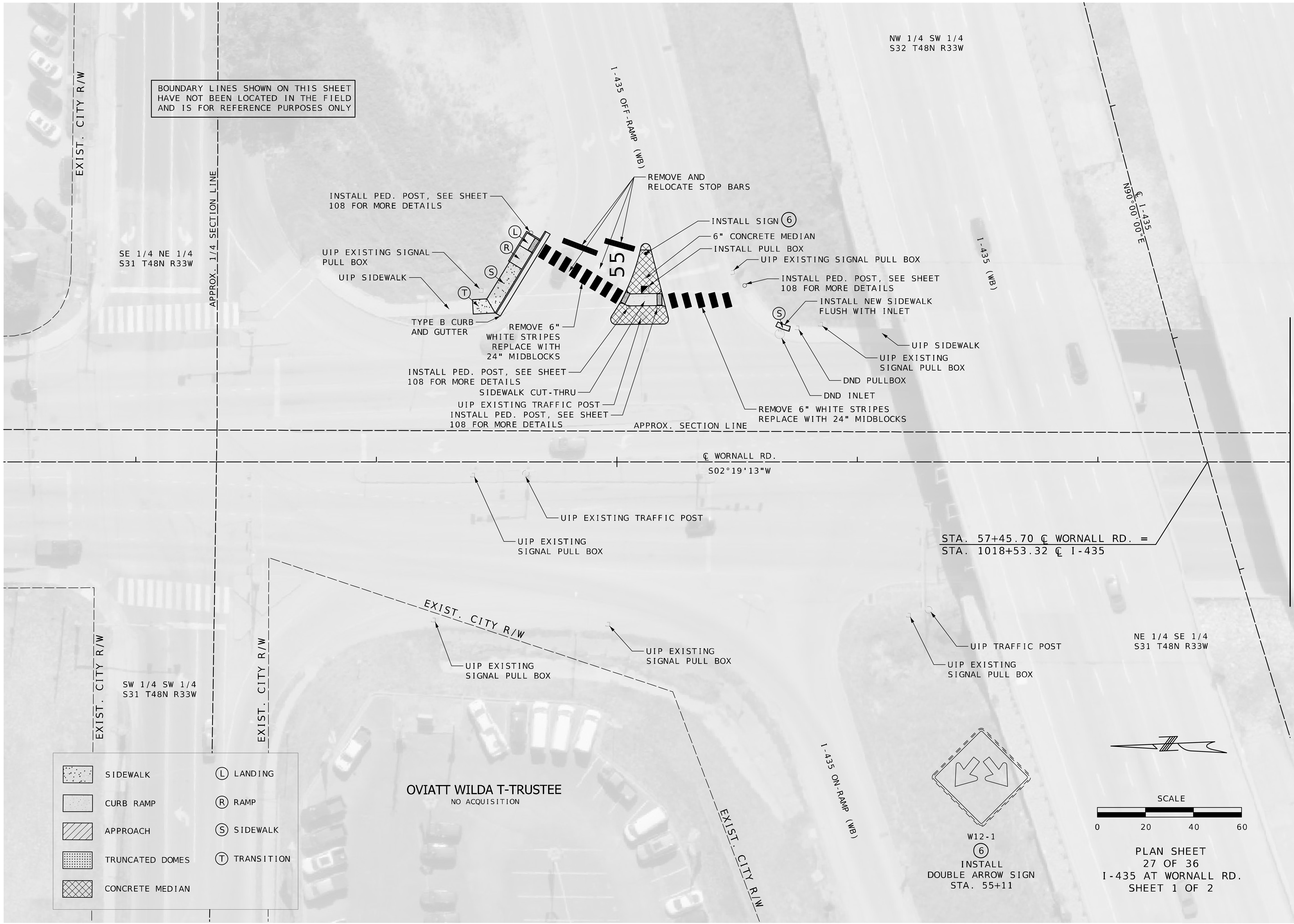
DESCRIPTION

DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



MELISSA ANN WILBERS
NUMBER PE-2007002853
STATE OF MISSOURI PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 30
COUNTY JACKSON	
JOB NO. J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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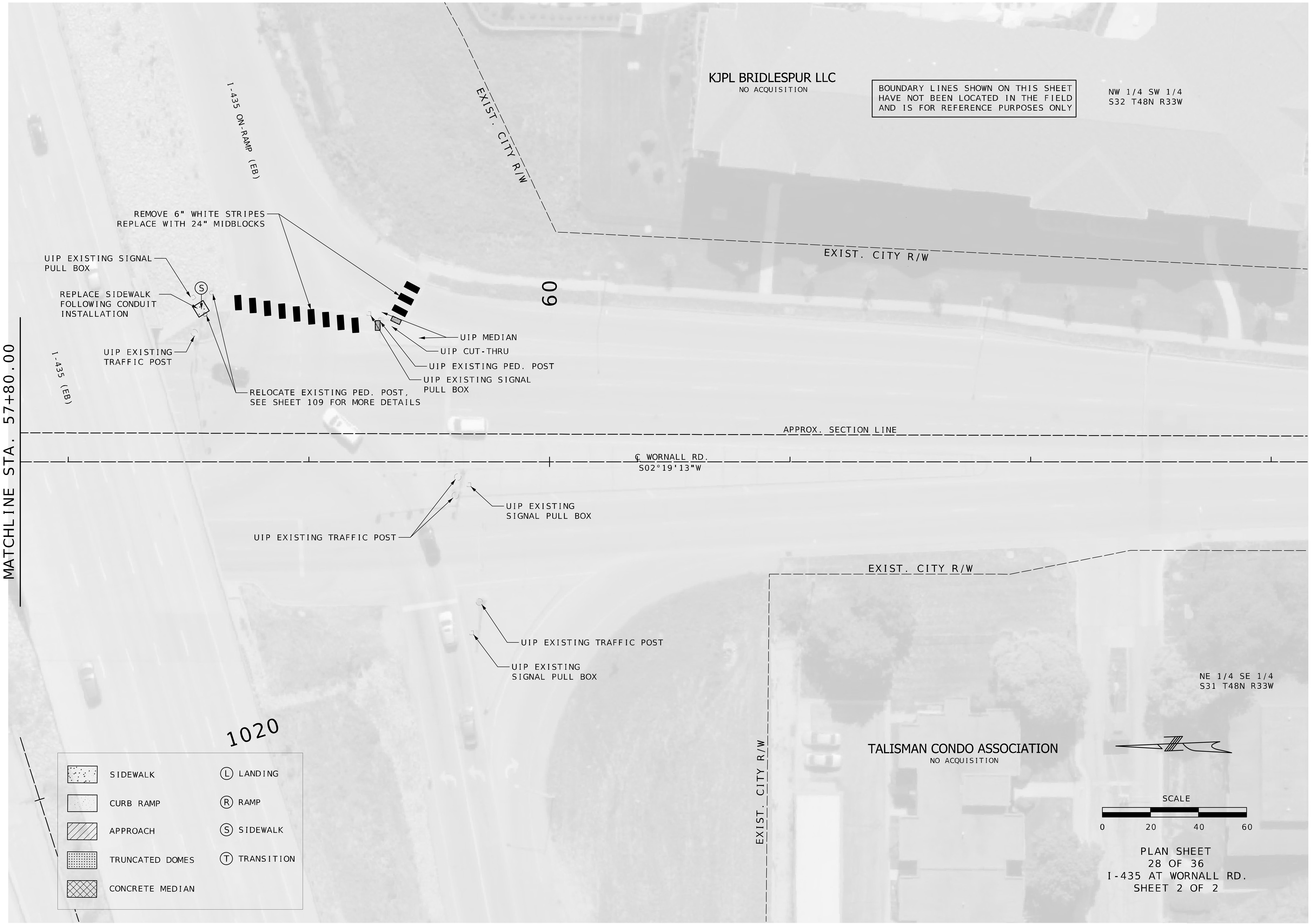


STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	31
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

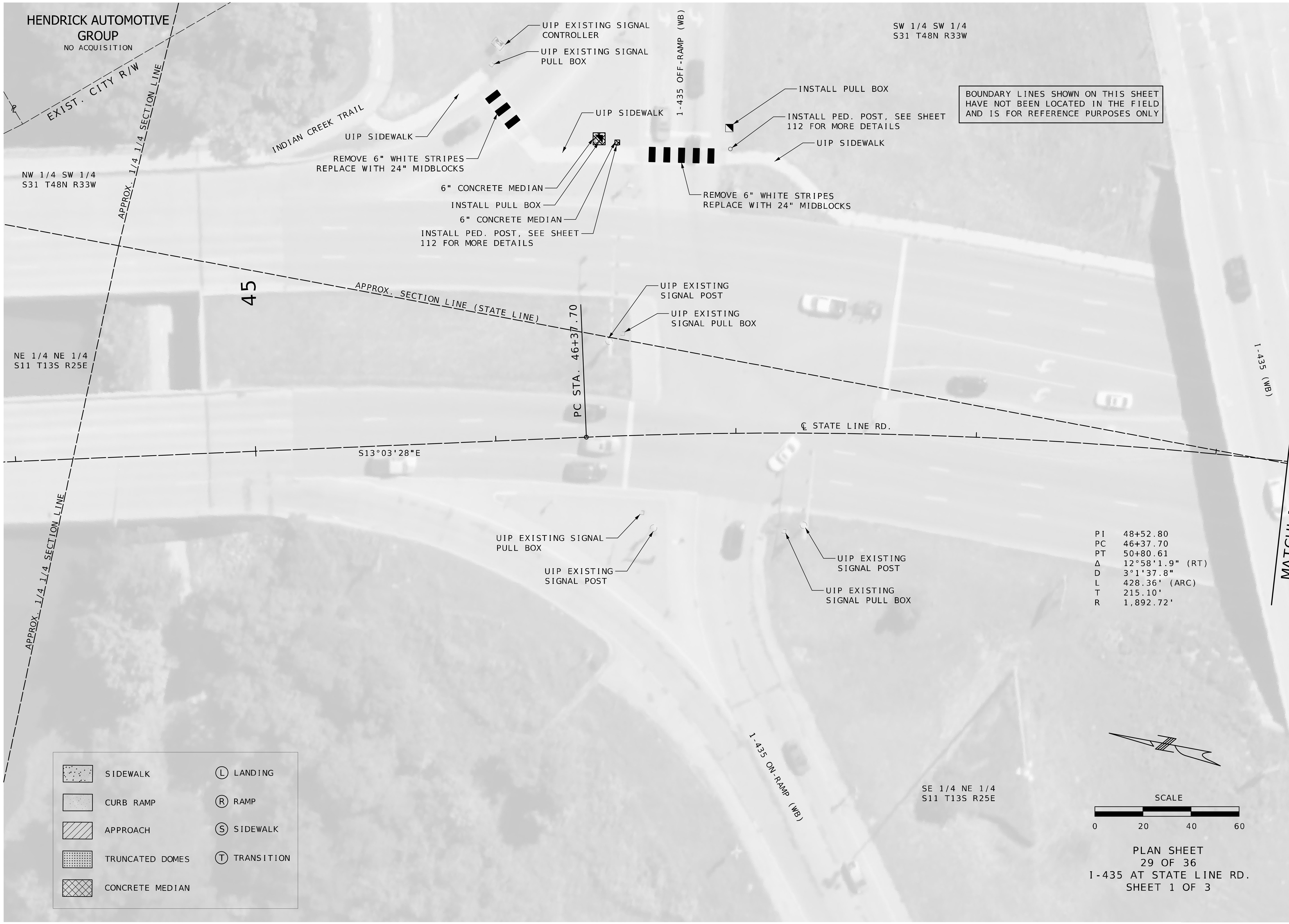
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/031_PP_I-435 - CL_WORNALL - Plan 2



PLAN SHEET
29 OF 36
I-435 AT STATE LINE RD.
SHEET 1 OF 3

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

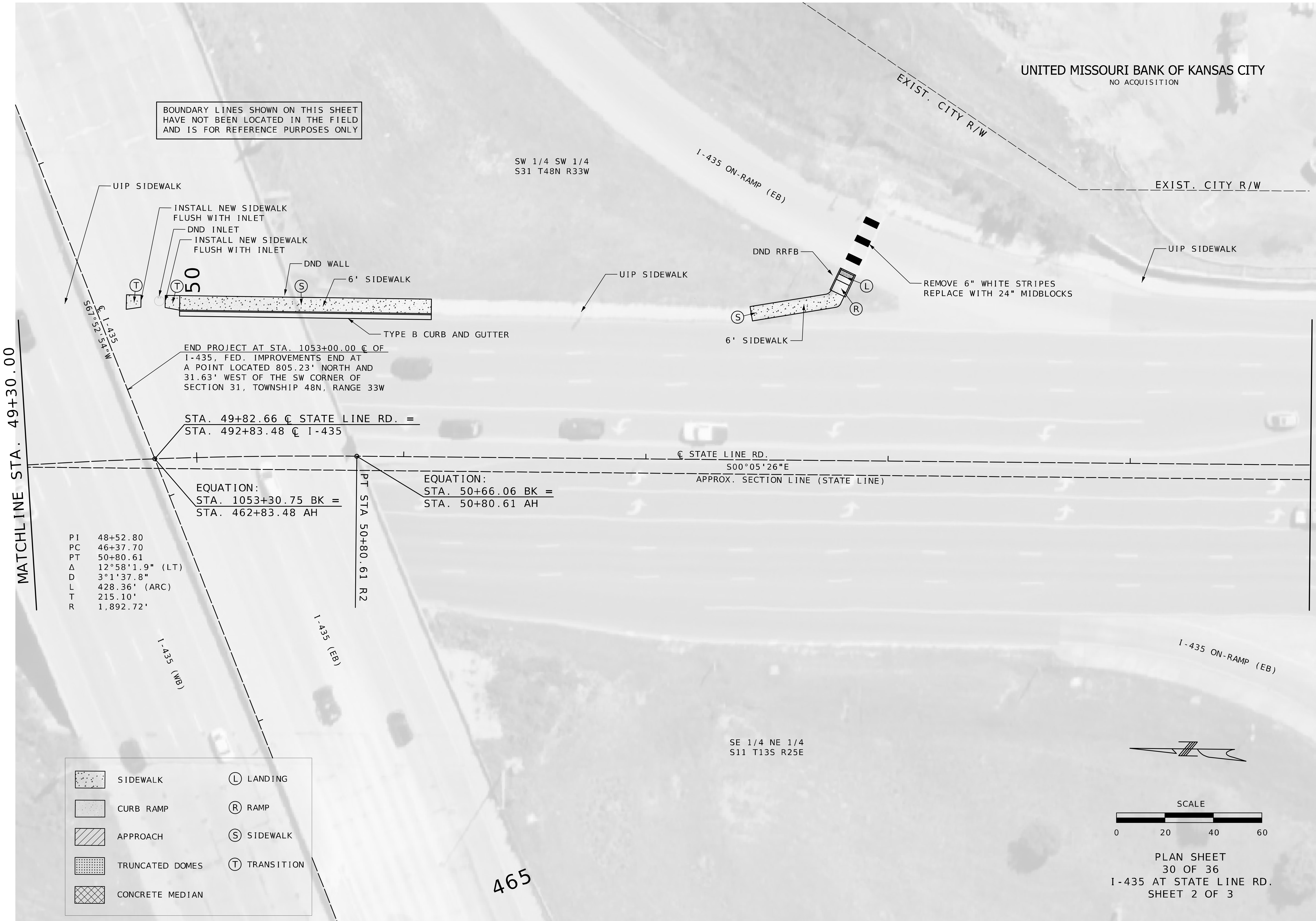
DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 32
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PLAN SHEET
30 OF 36
I-435 AT STATE LINE RD.
SHEET 2 OF 3

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

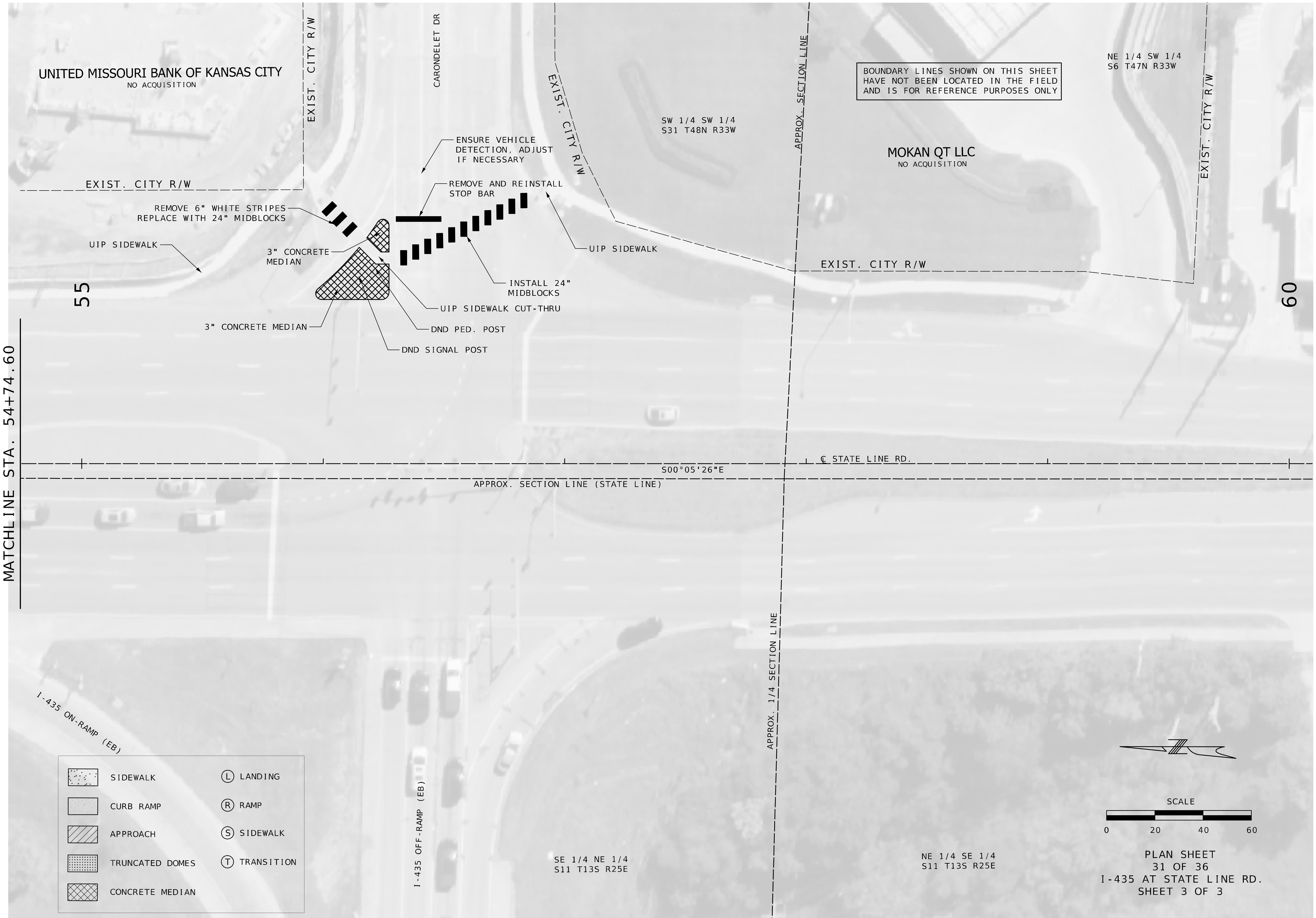
DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 33
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PLAN SHEET
31 OF 36
I-435 AT STATE LINE RD.
SHEET 3 OF 3

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	
11/15/2025	
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 34
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

1. NO RIGHT OF WAY TAKINGS STA. 0+00.00 TO STA. 33+00.00 ROUTE 150, A DISTANCE OF 0.009 MILES.

2. IN AREAS THAT EASEMENTS ARE NOT REQUIRED, RIGHT OF WAY SHOULD BE CONSIDERED APPROXIMATE.

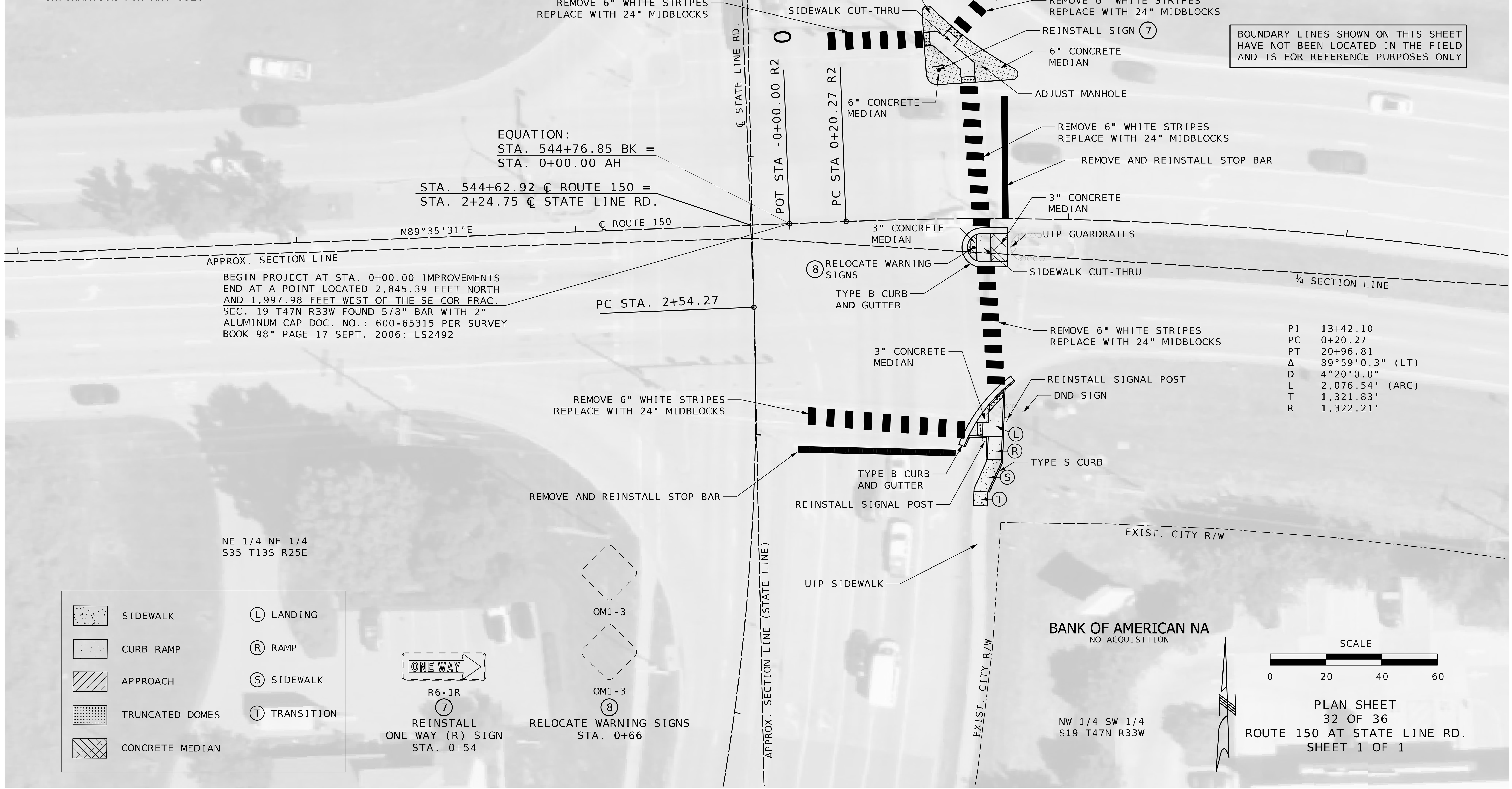
3. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

4. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.

5. ALL SIDEWALK AND RAMPS SHALL BE CONSTRUCTED 5 FEET WIDE UNLESS OTHERWISE NOTED IN THE PLANS.

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

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



PLAN SHEET
32 OF 36
ROUTE 150 AT STATE LINE RD.
SHEET 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 35
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

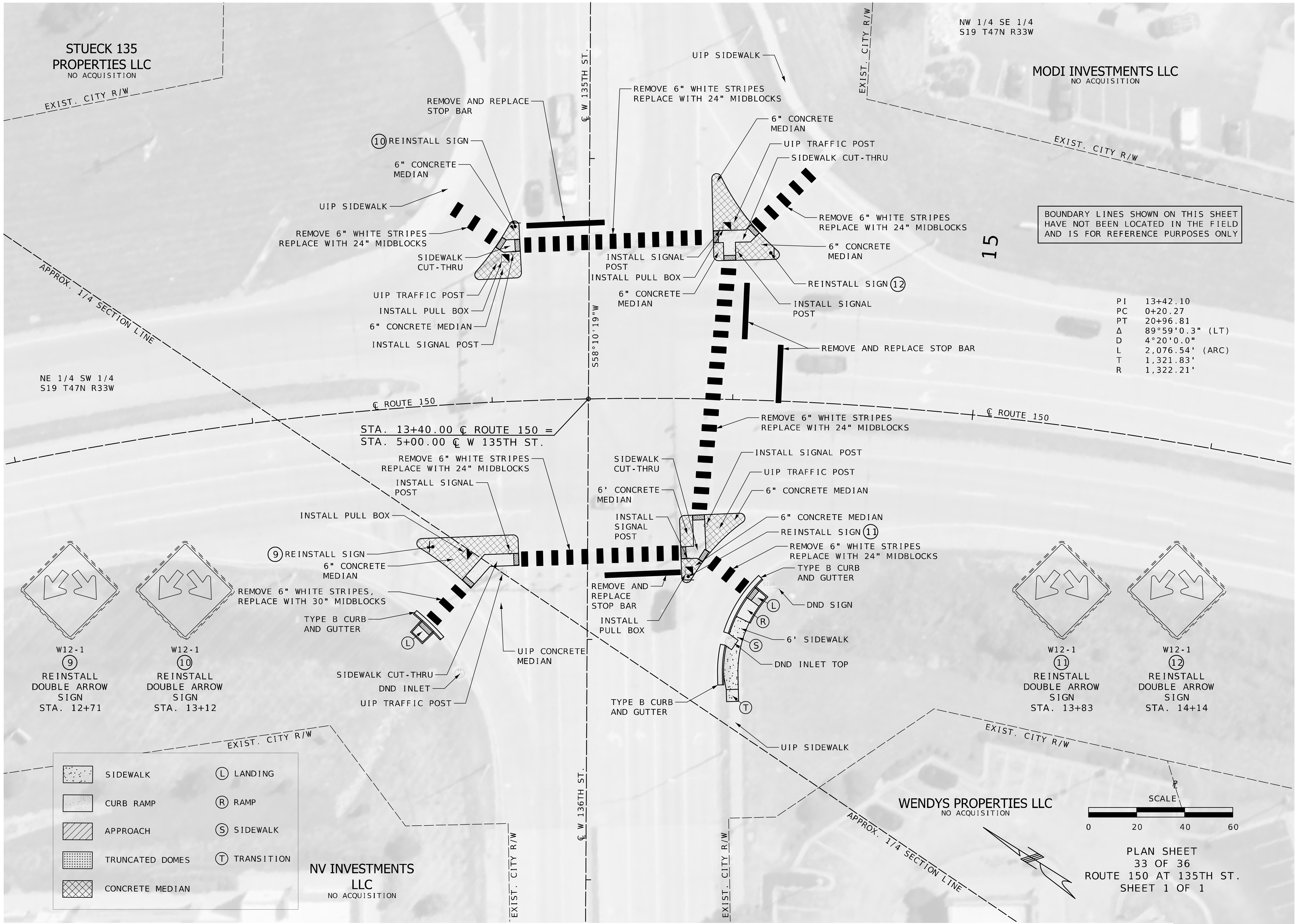
DATE | DESCRIPTION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/035_PP_Route 150 - State Line Rd - Plan 11.dgn 12:32:06 AM 11/15/2025



STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 36
COUNTY JACKSON	
JOB NO. J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

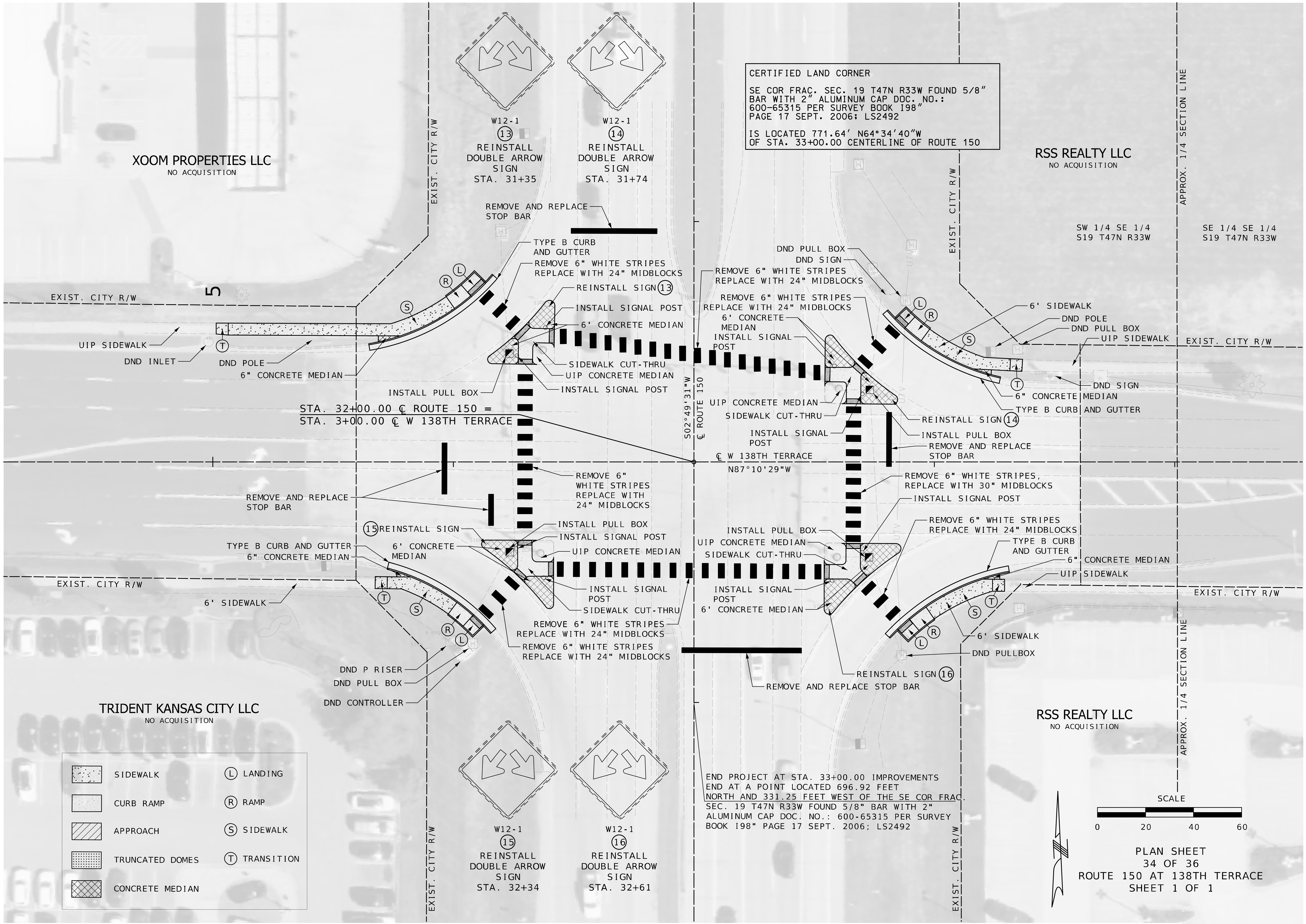
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PLAN SHEET
34 OF 36
ROUTE 150 AT 138TH TERRACE
SHEET 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 37
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 · JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

1. NO RIGHT OF WAY TAKINGS STA. 317+00.00 TO STA. 325+00.00 ROUTE V, A DISTANCE OF 0.152 MILES.

2. IN AREAS THAT EASEMENTS ARE NOT REQUIRED, RIGHT OF WAY SHOULD BE CONSIDERED APPROXIMATE.

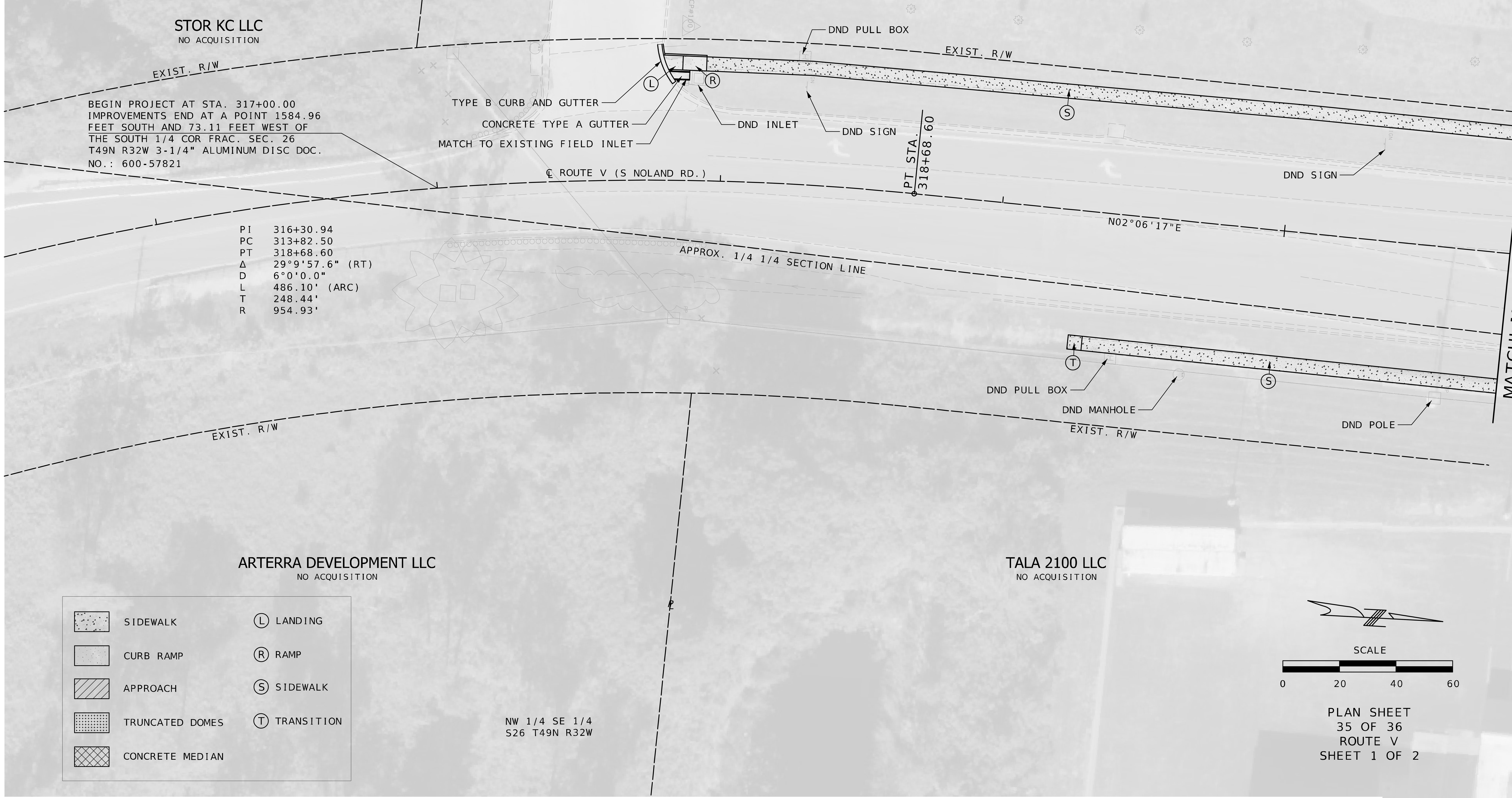
3. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

4. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.

5. ALL SIDEWALK AND RAMPS SHALL BE CONSTRUCTED 5 FEET WIDE UNLESS OTHERWISE NOTED IN THE PLANS.

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

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



PLAN SHEET
35 OF 36
ROUTE V
SHEET 1 OF 2

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 38
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

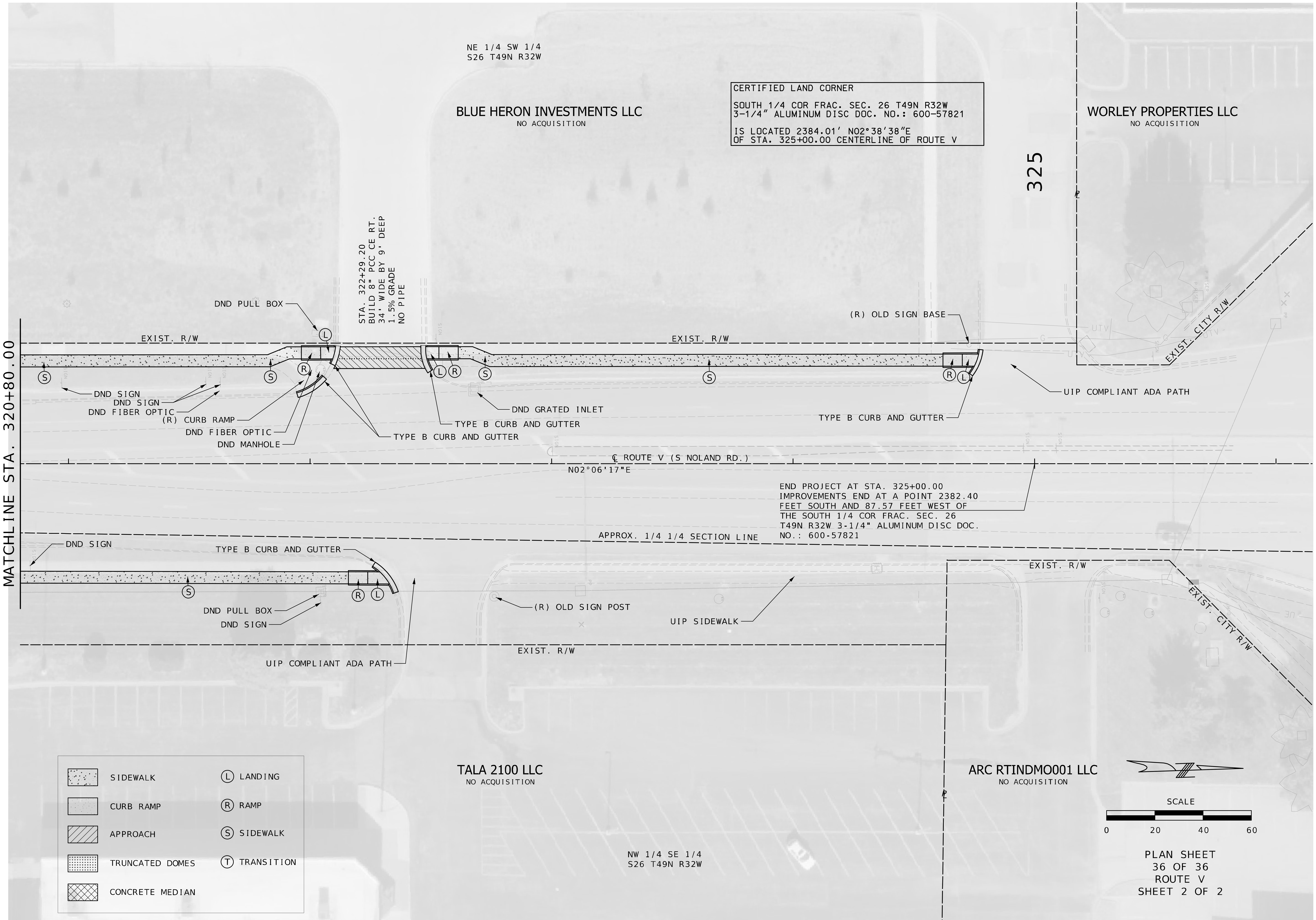
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	11/15/2025
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 39
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
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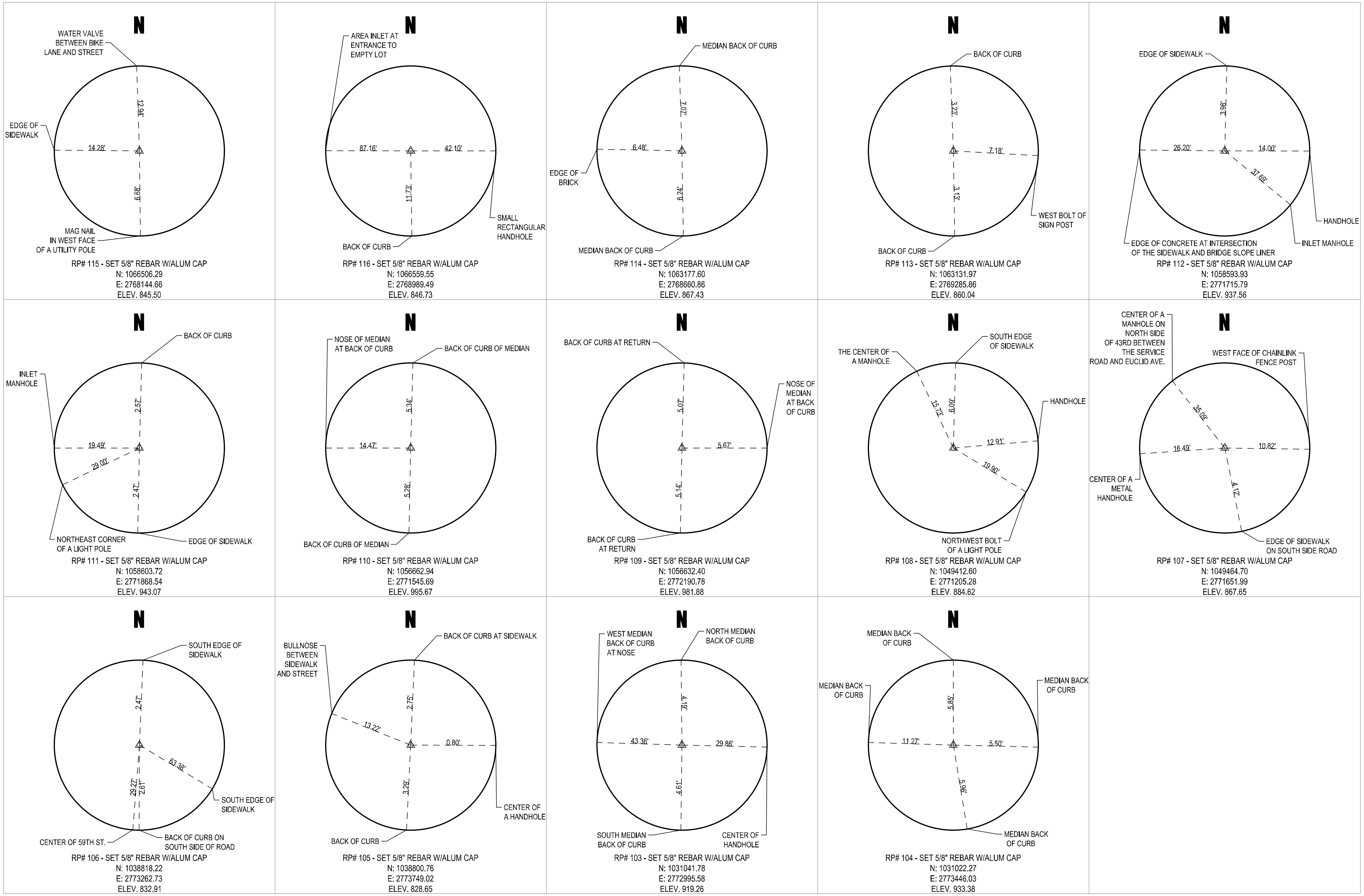


MISSOURI STATE PLANE COORDINATES WEST ZONE, NAD 1983
COORDINATES LISTED ARE STATE PLANE (GRID) PROJECT COORDINATES - U.S. SURVEY FEET
STATE PLANE (GRID) COORDINATES X 1.00009958 = MODIFIED GROUND COORDINATES

US 71
REFERENCE POINTS
SHEET 1 OF 3

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	40
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

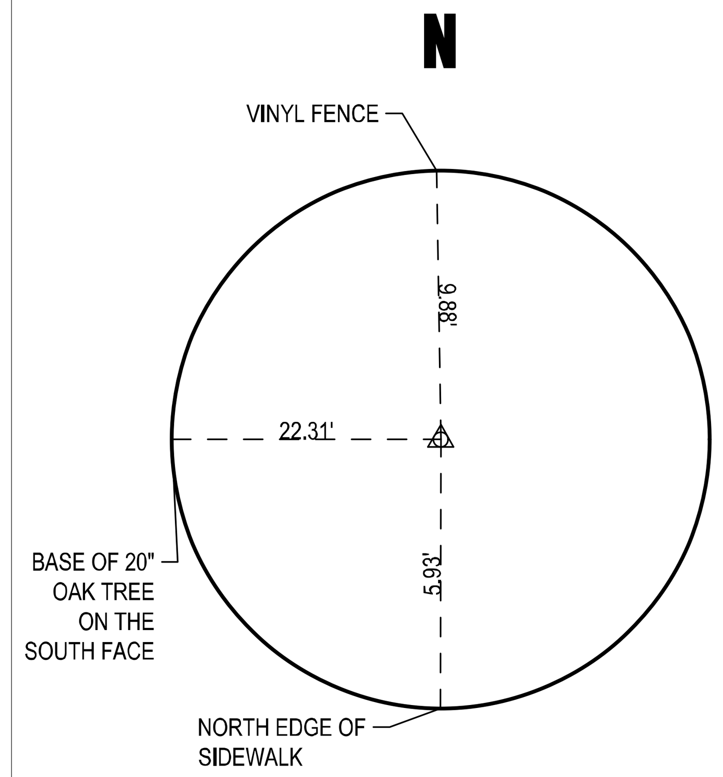
DATE	DESCRIPTION

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

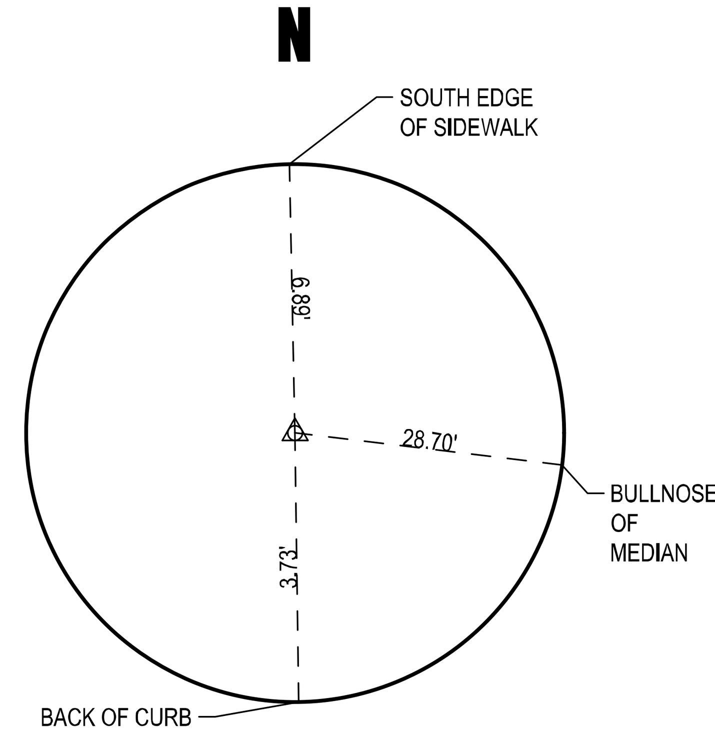
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/040_RP_J4P3268H_I1.dgn 12:33:09 AM 11/15/2025



RP# 118 - SET 5/8" REBAR W/ALUM CAP
N: 1070790.52
E: 2768673.71
ELEV.864.35



RP# 117 - SET 5/8" REBAR W/ALUM CAP
N:1070766.66
E: 2769027.43
ELEV. 873.43

MISSOURI STATE PLANE COORDINATES WEST ZONE, NAD 1983
COORDINATES LISTED ARE STATE PLANE (GRID) PROJECT COORDINATES - U.S. SURVEY FEET
STATE PLANE (GRID) COORDINATES X 1.00009958 = MODIFIED GROUND COORDINATES

US 24
REFERENCE POINTS
SHEET 2 OF 3

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	41
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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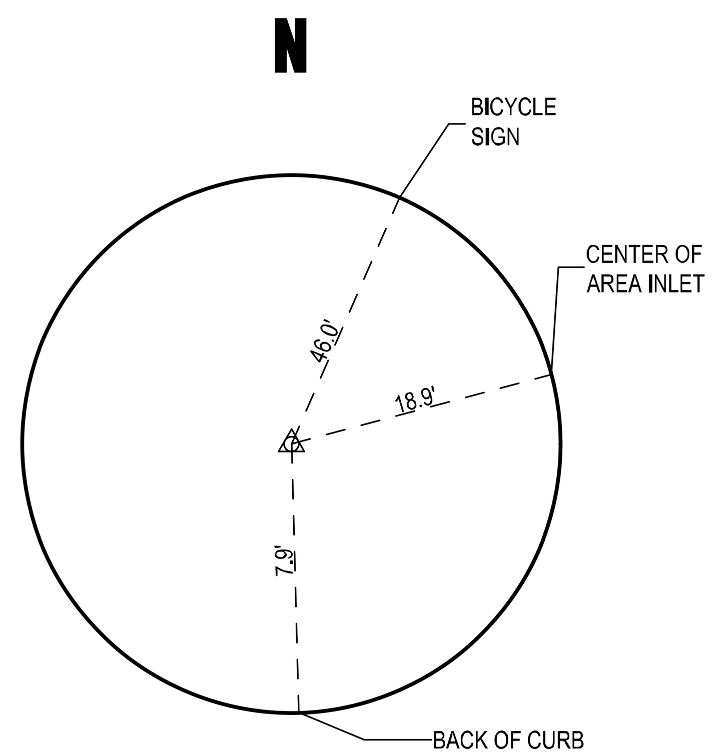
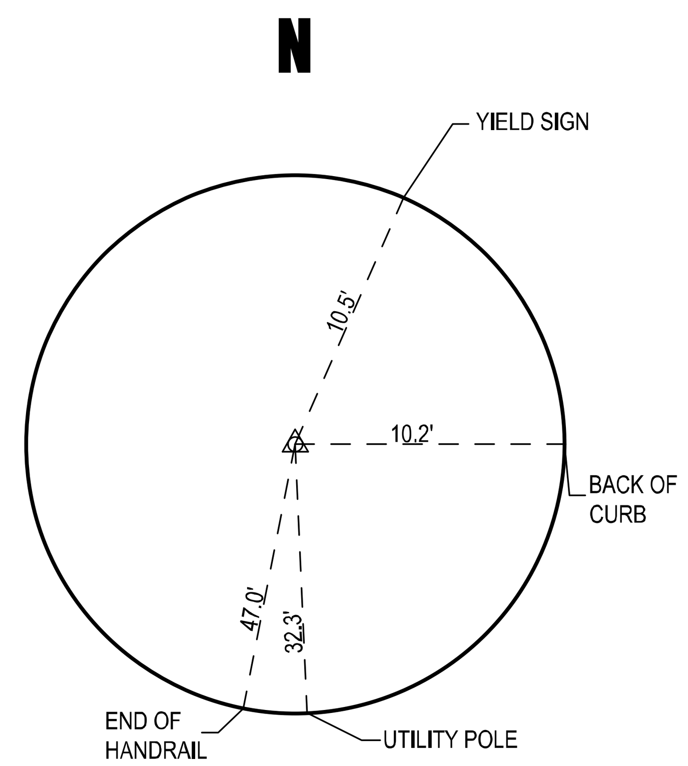


RP# 100 - 74 /5/8x24_ROD_W/CAP
N: 1043759.00
E: 2812865.21
ELEV. 909.95



RP# 101 - 74 /5/8x24_ROD_W/CAP
N: 1044607.53
E: 2812885.67
ELEV. 956.15

MISSOURI STATE PLANE COORDINATES WEST ZONE, NAD 1983
COORDINATES LISTED ARE STATE PLANE (GRID) PROJECT COORDINATES - U.S. SURVEY FEET
STATE PLANE (GRID) COORDINATES X 1.00009958 = MODIFIED GROUND COORDINATES

ROUTE V
REFERENCE POINTS
SHEET 3 OF 3

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 42
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	OPUS SOLUTIONS
PROJECT PROJECTION FACTOR	1.00009958

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT INDEPENDENCE CORS ARP
CORS_ID	MOIP
PID	DR4005
LATITUDE	N39°07'18.59677"
LONGITUDE	W94°23'14.84100"
NORTHING (M)	327980.055
EASTING (M)	859731.984
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99990043

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N ______.____ X _.________ = N ______.___
E _______.____ X _.________ = E _______.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
US 71 - TRUMAN RD.								
4	3+09.81	RT	38.25	1066506.29	2768144.66	845.50	SET 5/8" REBAR W/ALUM CAP	#115
N/A	N/A	LT	N/A	1066559.55	2768989.49	846.73	SET 5/8" REBAR W/ALUM CAP	#116
US 71 - 22ND ST.								
6	3+92.05	LT	4.87	1063177.60	2768660.86	867.43	SET 5/8" REBAR W/ALUM CAP	#114
7	13+18.64	RT	4.74	1063131.97	2769285.86	860.04	SET 5/8" REBAR W/ALUM CAP	#113
US 71 - 29TH ST.								
11	11+42.59	RT	34.11	1058593.93	2771715.79	937.56	SET 5/8" REBAR W/ALUM CAP	#112
11	12+94.72	RT	17.21	1058603.72	2771868.54	943.07	SET 5/8" REBAR W/ALUM CAP	#111
US 71 - LINWOOD BLVD.								
14	N/A	LT	N/A	1056662.94	2771545.69	995.67	SET 5/8" REBAR W/ALUM CAP	#110
N/A	10+33.72	LT	3.28	1056632.40	2772190.78	981.88	SET 5/8" REBAR W/ALUM CAP	#109
US 71 - 43RD ST.								
16	6+87.03	RT	38.13	1049412.60	2771205.28	884.62	SET 5/8" REBAR W/ALUM CAP	#108
17	11+30.70	LT	35.46	1049464.70	2771651.99	867.65	SET 5/8" REBAR W/ALUM CAP	#107
US 71 - 55TH ST.								
18	5+83.43	LT	25.96	1038818.22	2773262.73	832.91	SET 5/8" REBAR W/ALUM CAP	#106
19	10+70.01	LT	31.22	1038800.76	2773749.02	828.65	SET 5/8" REBAR W/ALUM CAP	#105
US 71 - GREGORY BLVD.								
23	6+86.97	LT	0.66	1031041.78	2772995.58	919.26	SET 5/8" REBAR W/ALUM CAP	#103
24	11+37.78	LT	8.07	1031022.27	2773446.03	933.38	SET 5/8" REBAR W/ALUM CAP	#104
ALIGNMENTS								
US 71 - TRUMAN RD.								
N/A	2+52.87	N/A	N/A	1066547.13	2768089.52	0.00	START ℄ STA.	P.O.T.
5	8+32.41	N/A	N/A	1066520.83	2768668.46	0.00	INTERSECTION WITH US 71	P.I.
5	10+88.46	N/A	N/A	1066509.21	2768924.24	0.00	END ℄ STA.	P.O.T.
US 71 - 22ND ST.								
6	6+37.50	N/A	N/A	1063175.87	2768606.12	0.00	START ℄ STA.	P.O.T.
6	10+00.00	N/A	N/A	1063155.03	2768968.03	0.00	INTERSECTION WITH US 71	P.I.
7	13+81.84	N/A	N/A	1063133.07	2769349.23	0.00	END ℄ STA.	P.O.T.
US 71 - PASEO BLVD.								
N/A	2+75.00	N/A	N/A	1063305.47	2770445.95	0.00	START ℄ STA.	P.O.T.
9	13+87.25	N/A	N/A	1062224.56	2770183.78	0.00	POINT OF CURVATURE	P.C.
9	15+35.71	N/A	N/A	1062078.73	2770156.32	0.00	INTERSECTION WITH US 71	P.I.
8	18+53.01	N/A	N/A	1061777.56	2770147.60	0.00	POINT OF INTERSECTION	P.I.
N/A	22+87.88	N/A	N/A	1061341.27	2770251.42	0.00	POINT OF TANGENCY	P.T.
N/A	23+99.60	N/A	N/A	1061237.98	2770293.98	0.00	POINT OF CURVATURE	P.C.
N/A	26+08.15	N/A	N/A	1061041.23	2770351.26	0.00	POINT OF INTERSECTION	P.I.
N/A	28+10.24	N/A	N/A	1060836.78	2770365.24	0.00	POINT OF TANGENCY	P.T.
N/A	29+00.00	N/A	N/A	1060747.09	2770361.72	0.00	END ℄ STA.	P.O.T.
US 71 - 29TH ST.								
N/A	5+00.00	N/A	N/A	1058657.94	2771075.48	0.00	START ℄ STA.	P.O.T.
10	10+11.62	N/A	N/A	1058634.10	2771586.55	0.00	INTERSECTION WITH US 71	P.I.
N/A	20+16.46	N/A	N/A	1058587.27	2772590.29	0.00	END ℄ STA.	P.O.T.
US 71 - 31ST ST.								
N/A	4+99.37	N/A	N/A	1057329.79	2771355.63	0.00	START ℄ STA.	P.O.T.
12	9+95.21	N/A	N/A	1057307.43	2771850.97	0.00	INTERSECTION WITH US 71	P.I.
N/A	31+30.11	N/A	N/A	1057211.17	2773983.69	0.00	END ℄ STA.	P.O.T.

US 71
COORDINATE POINT SHEET
SHEET 1 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	43
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/043_CP_J4P3268H_11.dgn 12:33:34 AM 11/15/2025

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	OPUS SOLUTIONS
PROJECT PROJECTION FACTOR	1.00009958

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT INDEPENDENCE CORS ARP
CORS_ID	MOIP
PID	DR4005
LATITUDE	N39°07'18.59677"
LONGITUDE	W94°23'14.84100"
NORTHING (M)	327980.055
EASTING (M)	859731.984
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99990043

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N ______.____ X _.________ = N ______.___
E _______.____ X _.________ = E _______.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
ALIGNMENTS								
US 71 - LINWOOD BLVD.								
14	4+00.00	N/A	N/A	1056657.35	2771557.54	0.00	START ℄ STA.	P.O.T.
15	6+95.43	N/A	N/A	1056644.19	2771852.68	0.00	INTERSECTION WITH US 71	P.I.
N/A	10+77.80	N/A	N/A	1056627.16	2772234.67	0.00	END ℄ STA.	P.O.T.
US 71 - 43RD ST.								
N/A	5+00.28	N/A	N/A	1049459.69	2771020.59	0.00	START ℄ STA.	P.O.T.
17	9+32.85	N/A	N/A	1049438.83	2771452.66	0.00	INTERSECTION WITH US 71	P.I.
N/A	14+83.67	N/A	N/A	1049412.26	2772234.67	0.00	END ℄ STA.	P.O.T.
US 71 - 55TH ST.								
18	5+00.00		00.00	1041427.31	2773310.81	00.00	START ℄ STA.	P.O.T.
18	8+97.51		00.00	1041409.52	2773708.44	00.00	INTERSECTION WITH US 71	P.I.
N/A	31+19.75		00.00	1041310.21	2775927.95	00.00	END ℄ STA.	P.O.T.
US 71 - 59TH ST.								
N/A	4+47.39		00.00	1038798.63	2773125.62	00.00	START ℄ STA.	P.O.T.
20	8+80.49		00.00	1038778.42	2773558.25	00.00	INTERSECTION WITH US 71	P.I.
N/A	57+48.58		00.00	1038551.20	2778421.03	00.00	END ℄ STA.	P.O.T.
US 71 - MEYER BLVD.								
N/A	5+00.00		00.00	1034386.18	2772854.26	00.00	START ℄ STA.	P.O.T.
22	10+57.09		00.00	1034480.19	2773403.36	00.00	INTERSECTION WITH US 71	P.I.
22	12+72.10		00.00	1034516.47	2773615.29	00.00	POINT OF CURVATURE	P.C.
N/A	18+73.90		00.00	1034583.77	2774210.37	00.00	POINT OF INTERSECTION	P.I.
N/A	24+70.49		00.00	1034583.00	2774809.24	00.00	POINT OF TANGENCY	P.T.
N/A	24+70.49		00.00	1034583.00	2774809.24	00.00	END ℄ STA.	P.O.T.
US 71 - GREGORY BLVD.								
N/A	5+03.01		00.00	1031052.11	2772811.91	00.00	START ℄ STA.	P.O.T.
23	9+09.76		00.00	1031027.82	2773217.93	00.00	INTERSECTION WITH US 71	P.I.
N/A	31+54.82		00.00	1030893.79	2775458.98	00.00	END ℄ STA.	P.O.T.

US 71
COORDINATE POINT SHEET
SHEET 2 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	44
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	OPUS SOLUTIONS
PROJECT PROJECTION FACTOR	1.00009958

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT INDEPENDENCE CORS ARP
CORS_ID	MOIP
PID	DR4005
LATITUDE	N39°07'18.59677"
LONGITUDE	W94°23'14.84100"
NORTHING (M)	327980.055
EASTING (M)	859731.984
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99990043

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N _______.____ X _._________ = N _______.___
E _______.____ X _._________ = E _______.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
N/A	N/A	LT	N/A	1070790.52	2768673.71	864.35	SET 5/8" REBAR W/ALUM CAP	#118
26	3+21.39	LT	27.17	1070766.66	2769027.43	873.43	SET 5/8" REBAR W/ALUM CAP	#117
ALIGNMENTS								
US 24 - INDEPENDENCE AVE.								
25	0+00.00		00.00	1070753.57	2768705.16	00.00	START ℄ STA.	P.O.T.
26	4+20.62		00.00	1070735.22	2769125.38	00.00	END ℄ STA.	P.O.T.

US 24
COORDINATE POINT SHEET
SHEET 3 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	45
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	OPUS SOLUTIONS
PROJECT PROJECTION FACTOR	1.00009958

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT INDEPENDENCE CORS ARP
CORS_ID	MOIP
PID	DR4005
LATITUDE	N39°07'18.59677"
LONGITUDE	W94°23'14.84100"
NORTHING (M)	327980.055
EASTING (M)	859731.984
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99990043

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N ______.____ X _.________ = N ______.___
E _______.____ X _.________ = E _______.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
ALIGNMENTS								
ROUTE W								
N/A	11+97.00		00.00	1015882.54	2759418.24	00.00	START ℄ STA.	P.O.T.
27	17+00.00		00.00	1015861.45	2759920.80	00.00	BEGINNING OF PROJECT	B.P.
27	17+67.00		00.00	1015858.64	2759987.74	00.00	INTERSECTION WITH MADISON AVE.	P.I.
28	19+85.00		00.00	1015849.51	2760205.55	00.00	INTERSECTION WITH MADISON AVE.	P.I.
28	21+00.00		00.00	1015844.69	2760320.45	00.00	END OF PROJECT	E.P.
N/A	24+63.69		00.00	1015829.44	2760683.82	00.00	END ℄ STA.	P.O.T.

ROUTE W
COORDINATE POINT SHEET
SHEET 4 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	46
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION
DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	OPUS SOLUTIONS
PROJECT PROJECTION FACTOR	1.00009958

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT INDEPENDENCE CORS ARP
CORS_ID	MOIP
PID	DR4005
LATITUDE	N39°07'18.59677"
LONGITUDE	W94°23'14.84100"
NORTHING (M)	327980.055
EASTING (M)	859731.984
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99990043

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N ______.____ X _.________ = N ______.___
E _______.____ X _.________ = E _______.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
ALIGNMENTS								
I-435 @ HOLMES RD.								
N/A	51+95.12		00.00	1012274.51	2765526.05	00.00	START ℄ STA.	P.O.T.
29	73+74.12		00.00	1010097.13	2765442.03	00.00	INTERSECTION WITH I-435	P.I.
N/A	95+21.63		00.00	1007951.22	2765359.22	00.00	END ℄ STA.	P.O.T.
I-435 @ WORNALL RD.								
N/A	45+25.70		00.00	1011285.38	2761526.93	00.00	START ℄ STA.	P.O.T.
30	57+45.70		00.00	1010066.38	2761477.53	00.00	INTERSECTION WITH I-435	P.I.
N/A	66+32.56		00.00	1009180.25	2761441.63	00.00	END OF INTERSECTION	P.O.T.
I-435 @ STATE LINE RD.								
N/A	38+36.56		00.00	1009936.52	2758007.78	00.00	START ℄ STA.	P.O.T.
32	46+37.70		00.00	1009156.10	2758188.78	00.00	POINT OF CURVATURE	P.C.
32	48+52.80		00.00	1008904.34	2758201.84	00.00	POINT OF INTERSECTION	P.I.
33	49+82.66		00.00	1008814.83	2758235.75	00.00	INTERSECTION WITH I-435	P.I.
33	50+66.06		00.00	1008731.46	2758237.72	00.00	STATION BACK	B.K.
33	50+80.61		00.00	1008731.46	2758237.72	00.00	STATION AHEAD	A.H.
33	50+80.61		00.00	1008731.46	2758237.72	00.00	POINT OF TANGENCY	P.T.
N/A	64+25.04		00.00	1007387.03	2758239.85	00.00	END ℄ STA.	P.O.T.

I-435
COORDINATE POINT SHEET
SHEET 5 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	47
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION
DATE

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

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601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
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WWW.BARTLETTWEST.COM

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

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	OPUS SOLUTIONS
PROJECT PROJECTION FACTOR	1.00009958

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT INDEPENDENCE CORS ARP
CORS_ID	MOIP
PID	DR4005
LATITUDE	N39°07'18.59677"
LONGITUDE	W94°23'14.84100"
NORTHING (M)	327980.055
EASTING (M)	859731.984
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99990043

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N ______.____ X _.________ = N ______.___
E _______.____ X _.________ = E _______.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
ALIGNMENTS								
ROUTE 150								
N/A	539+76.85		00.00	989458.64	2757731.19	00.00	START ℄ STA.	P.O.T.
35	544+62.92		00.00	989462.10	2758217.24	00.00	INTERSECTION WITH STATE LINE RD.	P.I.
35	544+76.85		00.00	989462.20	2758231.17	00.00	STATION BACK	B.K.
35	0+00.00		00.00	989462.20	2758231.17	00.00	STATION AHEAD	A.H.
35	0+00.00		00.00	989462.20	2758231.17	00.00	BEGINNING OF PROJECT	B.P.
35	0+00.00		00.00	989462.20	2758231.17	00.00	POINT ON TANGENT	P.O.T.
35	0+20.27		00.00	989462.34	2758251.44	00.00	POINT OF CURVATURE	P.C.
36	13+40.00		00.00	988864.54	2759366.99	00.00	INTERSECTION WITH W. 135TH ST.	P.I.
36	13+42.10		00.00	988862.78	2759368.14	00.00	POINT OF INTERSECTION	P.I.
N/A	20+96.81		00.00	988149.97	2759583.04	00.00	POINT OF TANGENCY	P.T.
N/A	22+46.81		00.00	987999.97	2759584.15	00.00	POINT ON TANGENT	P.O.T.
37	32+00.00		00.00	987047.94	2759537.17	00.00	INTERSECTION WITH W. 138TH TERRACE	P.I.
37	33+00.00		00.00	986948.06	2759532.24	00.00	END OF PROJECT	E.P.
N/A	34+93.08		00.00	986755.22	2759522.72	00.00	POINT OF CURVATURE	P.C.
N/A	39+46.81		00.00	986302.16	2759536.26	00.00	POINT OF INTERSECTION	P.I.
N/A	43+93.08		00.00	985864.12	2759619.13	00.00	POINT OF TANGENCY	P.T.
N/A	43+93.08		00.00	985864.12	2759619.13	00.00	END ℄ STA.	P.O.T.

ROUTE 150
COORDINATE POINT SHEET
SHEET 6 OF 7

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	48
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	OPUS SOLUTIONS
PROJECT PROJECTION FACTOR	1.00009958

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT INDEPENDENCE CORS ARP
CORS_ID	MOIP
PID	DR4005
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LONGITUDE	W94°23'14.84100"
NORTHING (M)	327980.055
EASTING (M)	859731.984
ZONE	WEST
PROJECT AVERAGE GRID FACTOR	0.99990043

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N ______.____ X _._______ = N ______.___
E _______.____ X _._______ = E _______.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
38	317+08.95	LT	54.59	1043759.00	2812865.21	909.95	74/5/8X24_ROD_W/CAP	100
39	326+32.13	LT	61.72	1044607.53	2812885.67	956.15	74/5/8X24_ROD_W/CAP	101
ALIGNMENTS								
ROUTE V								
N/A	313+82.50		00.00	1043372.76	2813023.36	00.00	START ℄ STA.	P.O.T.
N/A	313+82.50		00.00	1043372.76	2813023.36	00.00	POINT OF CURVATURE	P.C.
38	316+30.94		00.00	1043606.11	2812940.15	00.00	POINT OF INTERSECTION	P.I.
38	317+00.00		00.00	1043674.09	2812928.04	00.00	BEGINNING OF PROJECT	B.P.
38	318+68.60		00.00	1043842.24	2812919.31	00.00	POINT OF TANGENCY	P.T.
39	325+00.00		00.00	1044473.22	2812942.50	00.00	END OF PROJECT	B.P.
N/A	327+66.11		00.00	1044739.15	2812952.27	00.00	INTERSECTION WITH US 40	P.I.
N/A	327+66.11		00.00	1044739.15	2812952.27	00.00	END ℄ STA.	P.O.T.

ROUTE V
COORDINATE POINT SHEET
SHEET 7 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

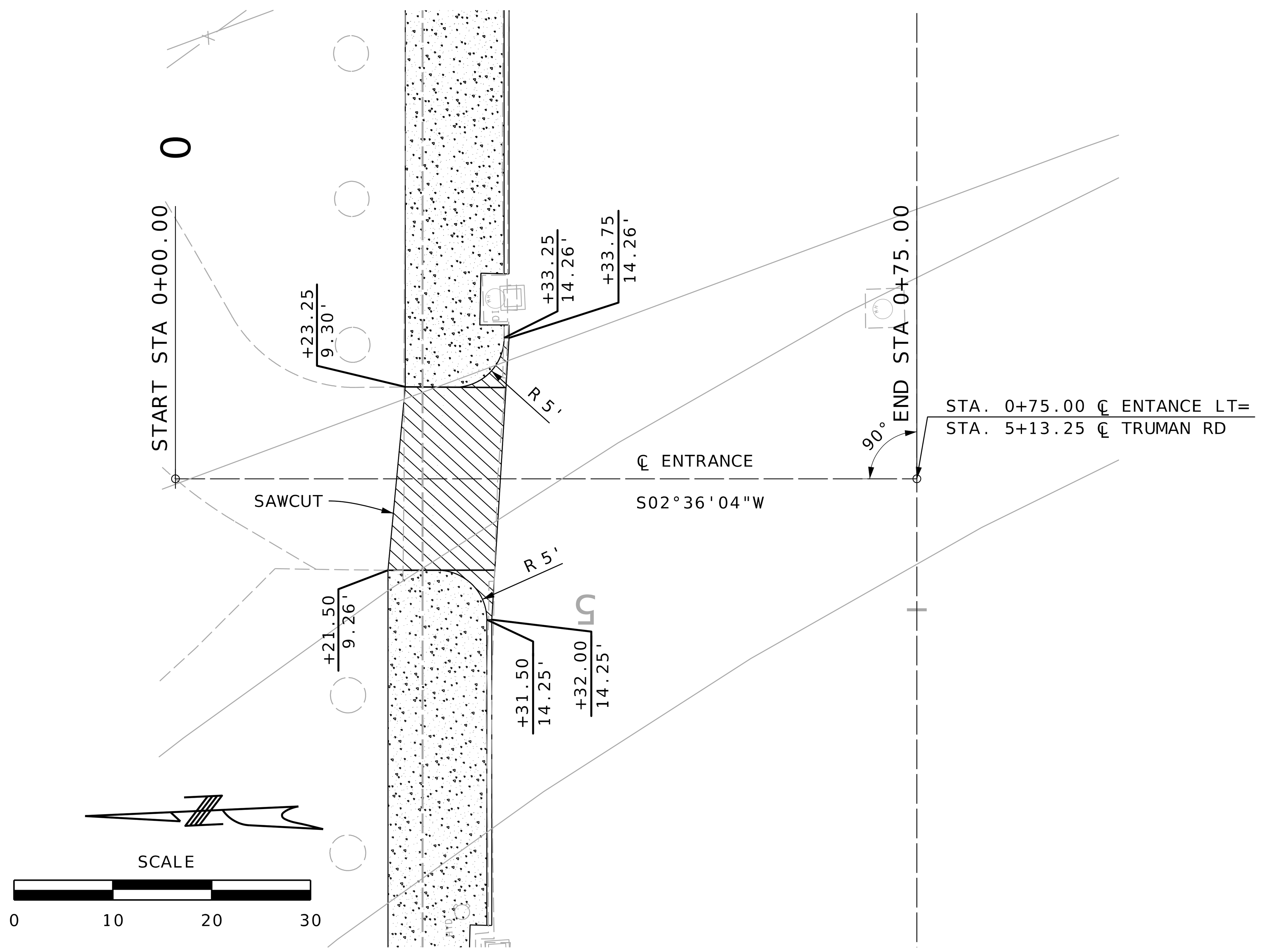
DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 49
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

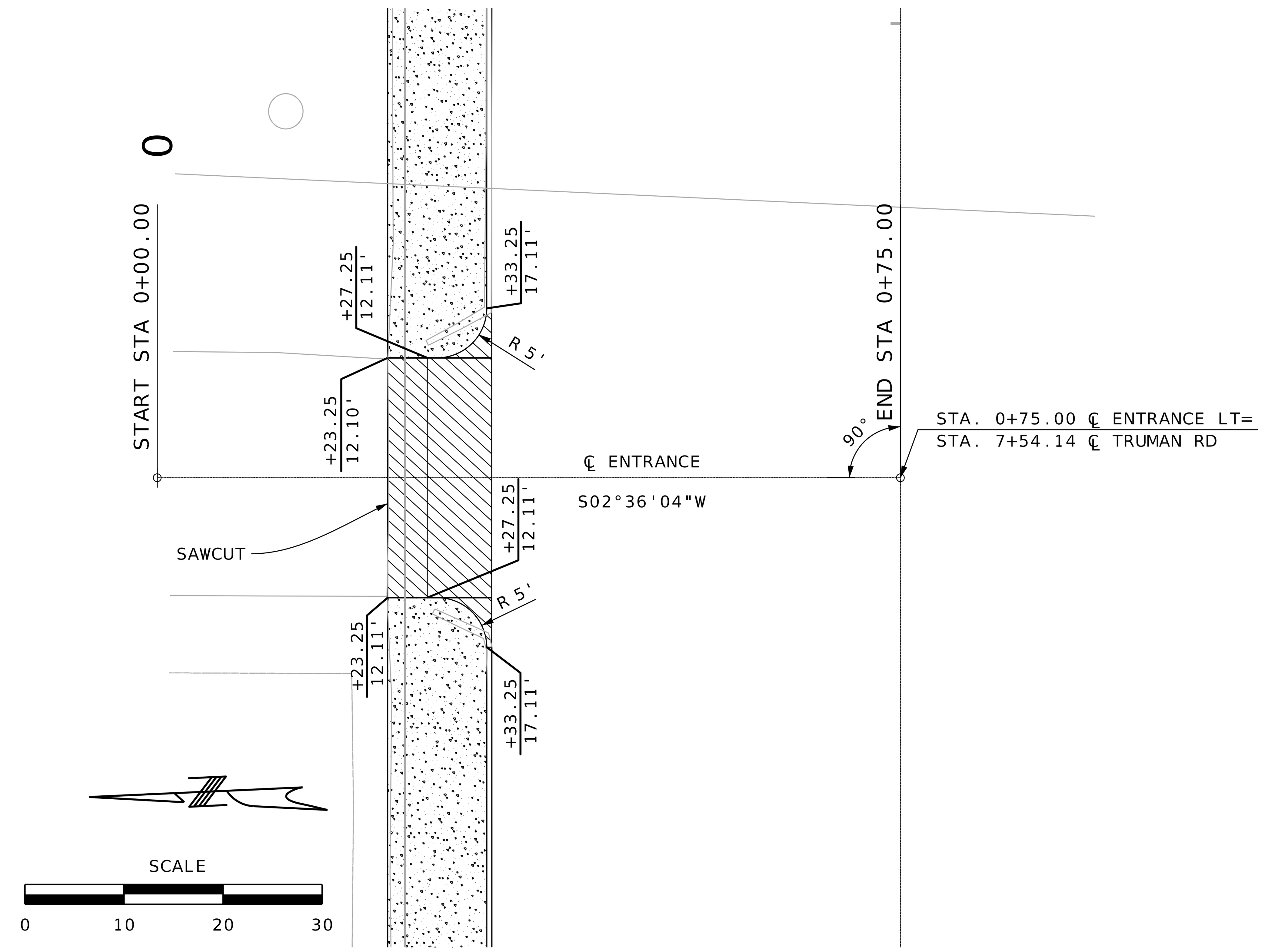
DESCRIPTION
DATE

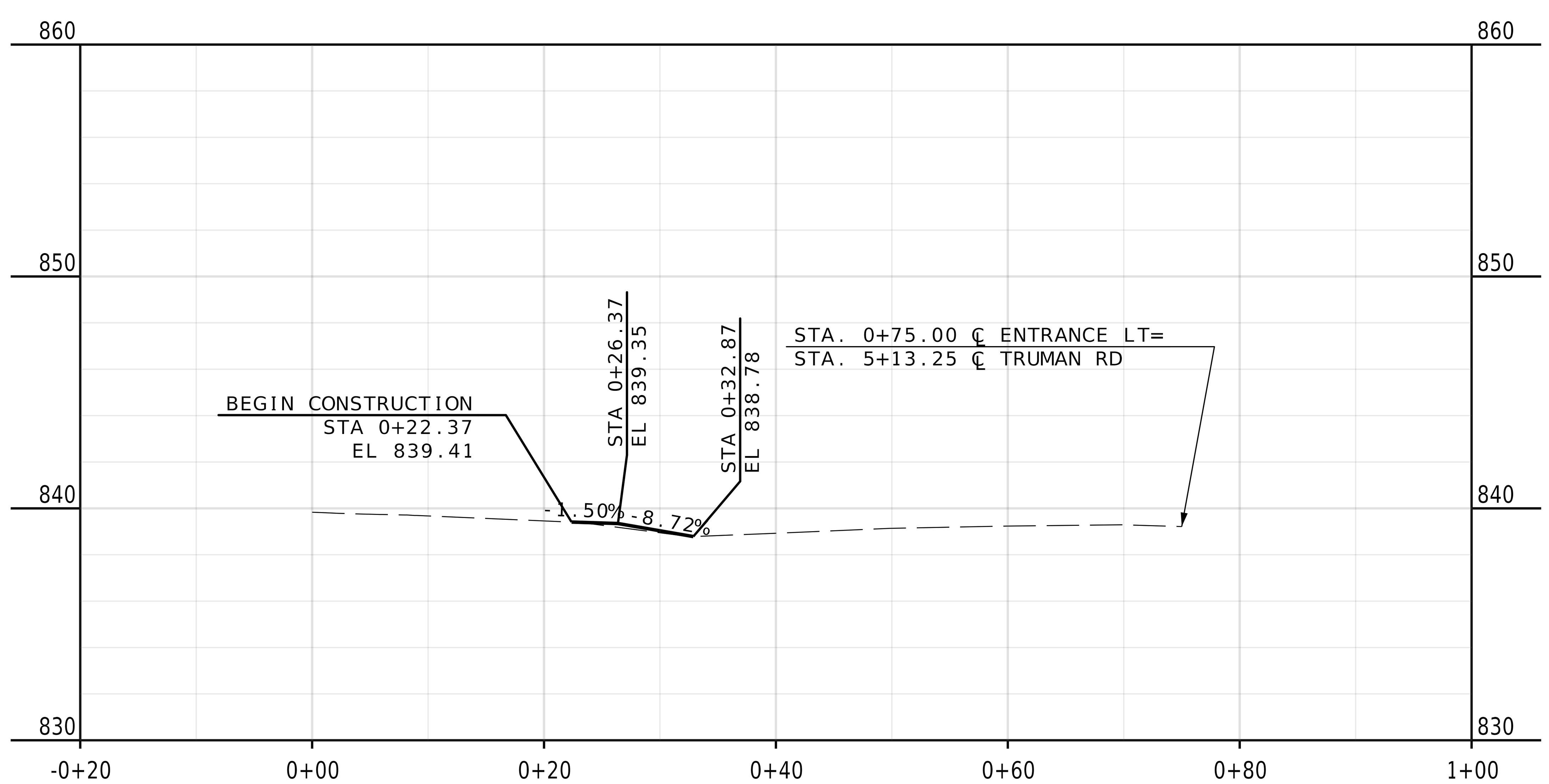
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

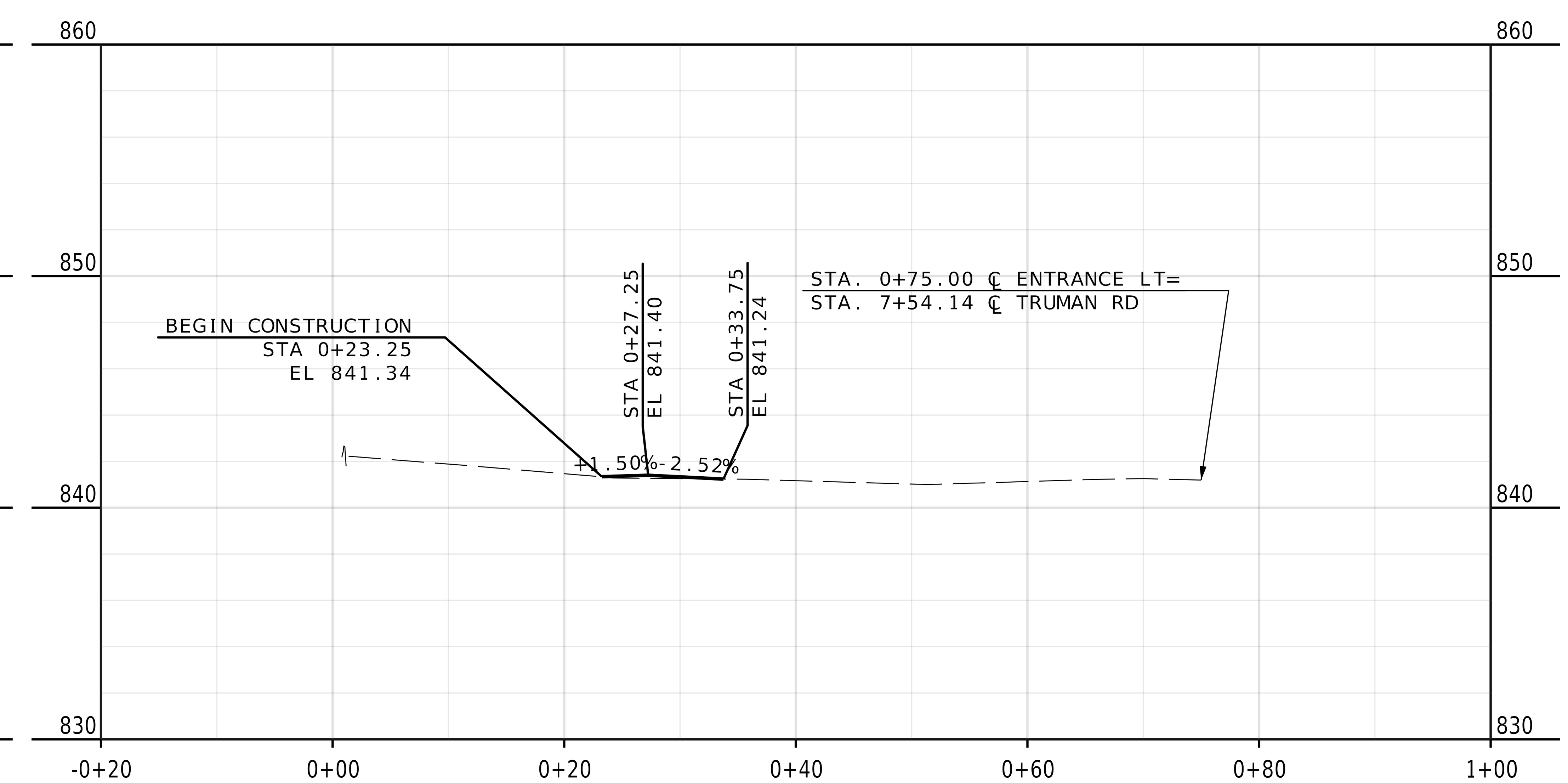
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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









SPECIAL SHEET
ENTRANCES
SHEET 1 OF 2

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

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	50
COUNTY	JACKSON
JOB NO.	J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

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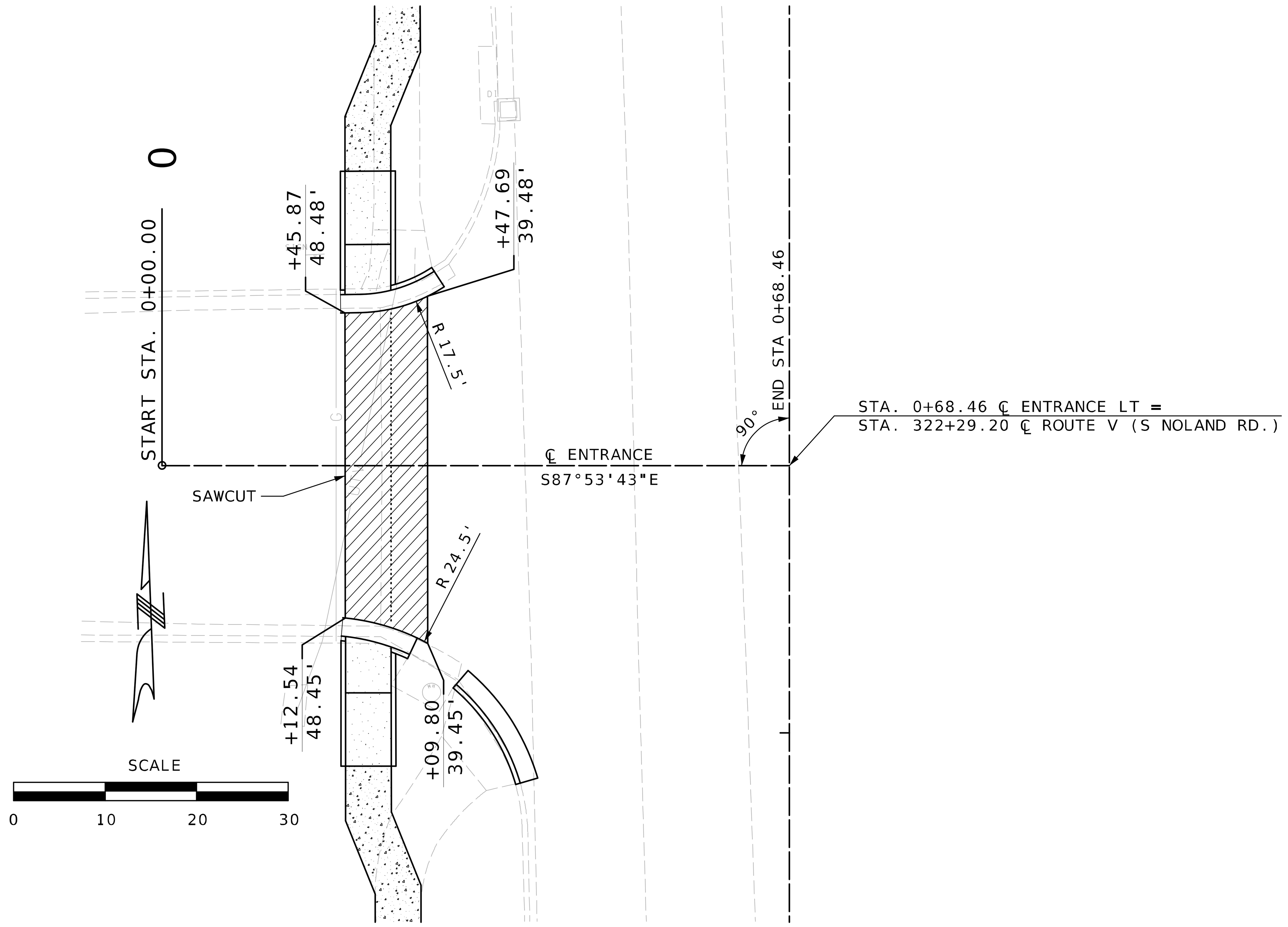

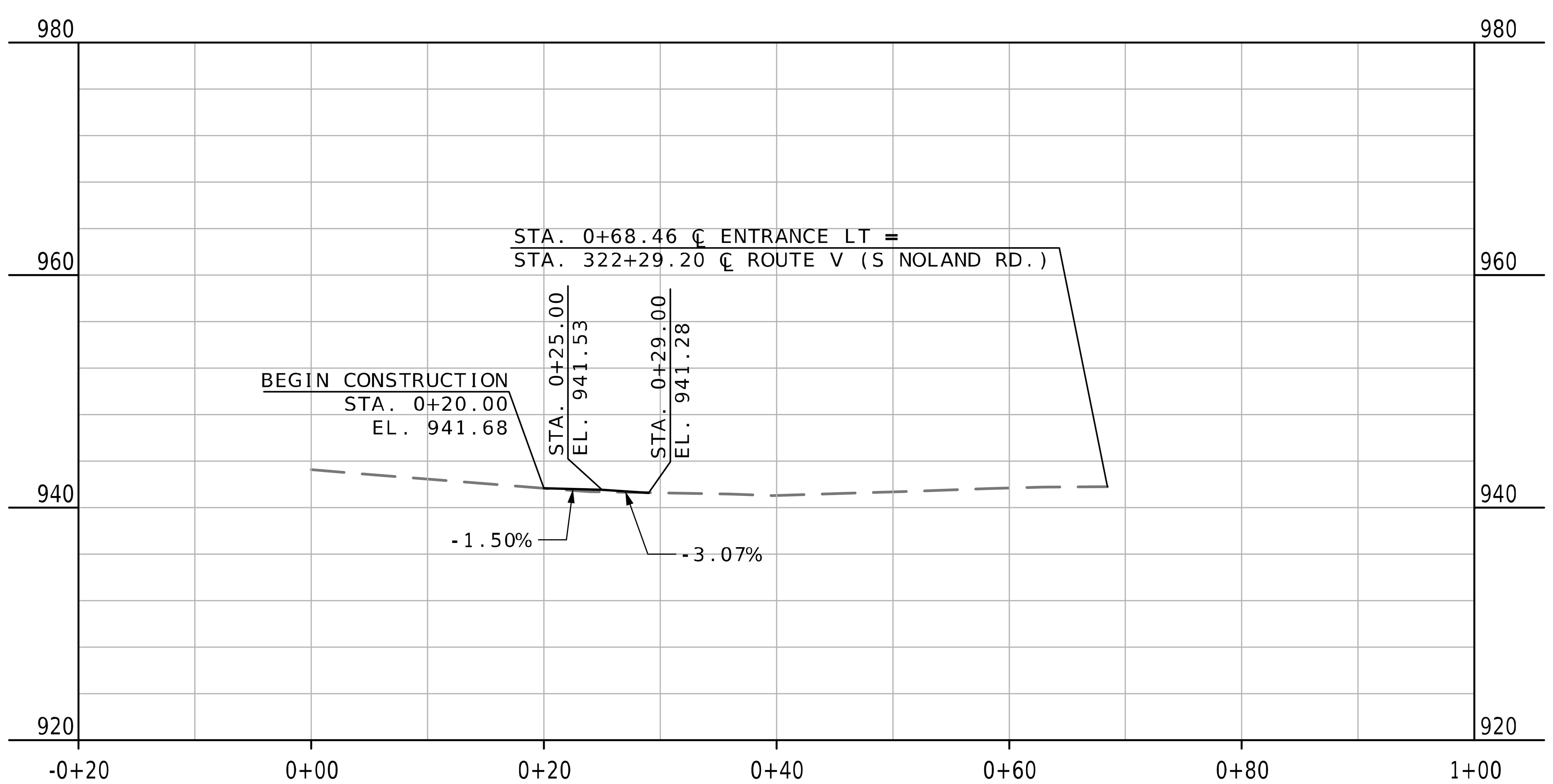

SPECIAL SHEET
ENTRANCES
SHEET 2 OF 2

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	51
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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GENERAL NOTE

1. NO RIGHT OF WAY TAKINGS STA. 46+78.56 TO STA. 420+16.28 US 71. A DISTANCE OF 7.072 MILES.

2. IN AREAS THAT EASEMENTS ARE NOT REQUIRED, RIGHT OF WAY SHOULD BE CONSIDERED APPROXIMATE.

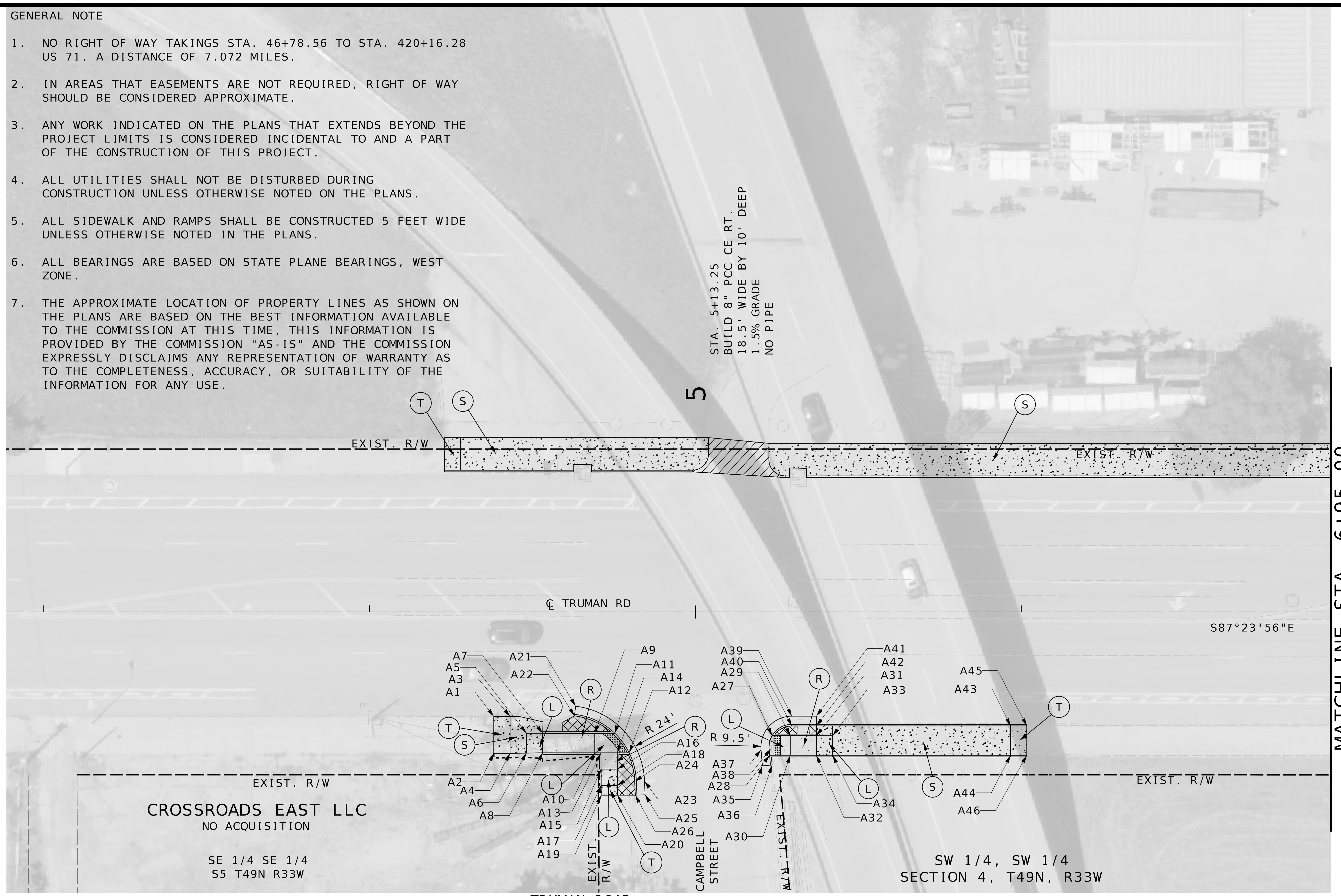
3. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

4. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.

5. ALL SIDEWALK AND RAMPS SHALL BE CONSTRUCTED 5 FEET WIDE UNLESS OTHERWISE NOTED IN THE PLANS.

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

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

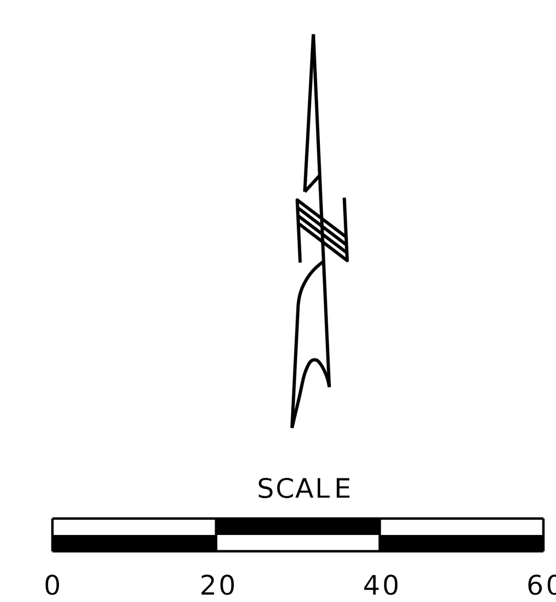


TRUMAN ROAD

POINT	STA	OFF	SIDE	NORTHING	EASTING
A1	4+38.11	32.08	RT	1066506.673	2768273.107
A2	4+38.11	43.40	RT	1066495.368	2768272.593
A3	4+43.11	32.08	RT	1066506.446	2768278.102
A4	4+43.11	43.40	RT	1066495.141	2768277.588
A5	4+48.11	37.25	RT	1066501.055	2768282.862
A6	4+48.11	43.32	RT	1066494.988	2768282.586
A7	4+53.11	37.25	RT	1066500.828	2768287.857
A8	4+53.11	43.25	RT	1066494.835	2768287.585
A9	4+69.10	37.25	RT	1066500.103	2768303.832
A10	4+69.10	43.25	RT	1066494.109	2768303.559
A11	4+75.26	37.25	RT	1066499.823	2768309.982
A12	4+79.65	43.25	RT	1066493.630	2768314.104
A13	4+71.00	43.25	RT	1066494.023	2768305.456
A14	4+76.00	43.25	RT	1066493.796	2768310.451
A15	4+71.02	48.25	RT	1066489.027	2768305.253
A16	4+76.02	48.25	RT	1066488.800	2768310.248
A17	4+71.04	53.25	RT	1066484.031	2768305.049
A18	4+76.04	53.25	RT	1066483.804	2768310.044
A19	4+71.06	56.25	RT	1066481.033	2768304.928
A20	4+76.06	56.25	RT	1066480.807	2768309.922
A21	4+63.22	28.94	RT	1066508.672	2768298.336
A22	4+62.86	31.92	RT	1066505.712	2768297.846
A23	4+84.36	51.94	RT	1066484.735	2768318.412

POINT	STA	OFF	SIDE	NORTHING	EASTING
A24	4+81.36	52.04	RT	1066484.767	2768315.413
A25	4+84.51	56.14	RT	1066480.536	2768318.367
A26	4+81.51	56.24	RT	1066480.568	2768315.367
A27	5+23.50	38.00	RT	1066496.885	2768358.141
A28	5+22.75	44.00	RT	1066490.925	2768357.117
A29	5+29.08	38.00	RT	1066496.631	2768363.720
A30	5+29.08	44.00	RT	1066490.637	2768363.448
A31	5+37.08	38.00	RT	1066496.268	2768371.712
A32	5+37.08	44.00	RT	1066490.274	2768371.440
A33	5+42.08	38.00	RT	1066496.041	2768376.707
A34	5+42.08	44.00	RT	1066490.048	2768376.435
A35	5+20.51	47.25	RT	1066487.778	2768354.737
A36	5+23.50	47.00	RT	1066487.894	2768357.735
A37	5+20.09	42.30	RT	1066492.747	2768354.545
A38	5+23.08	42.04	RT	1066492.863	2768357.543
A39	5+29.56	32.00	RT	1066502.603	2768364.469
A40	5+29.56	35.00	RT	1066499.607	2768364.333
A41	5+37.08	32.00	RT	1066502.262	2768371.984
A42	5+37.08	35.00	RT	1066499.265	2768371.848
A43	5+96.66	35.00	RT	1066496.562	2768431.363
A44	5+96.66	44.00	RT	1066487.571	2768430.954
A45	6+01.66	35.00	RT	1066496.335	2768436.358
A46	6+01.66	44.00	RT	1066487.344	2768435.949

RAMP
SIDEWALK
TRUNCATED DOMES
APPROACH
CONCRETE MEDIAN
(S) SIDEWALK
(R) RAMP
(T) TRANSITION
(L) LANDING



GEOMETRIC SHEET
1 OF 35
US 71 AT TRUMAN RD.
SHEET 1 OF 2

Jonathan Peitz
2025.11.17 08:42:46-06'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ–CIVIL ENGINEER
MO# PE-2017019023

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 52
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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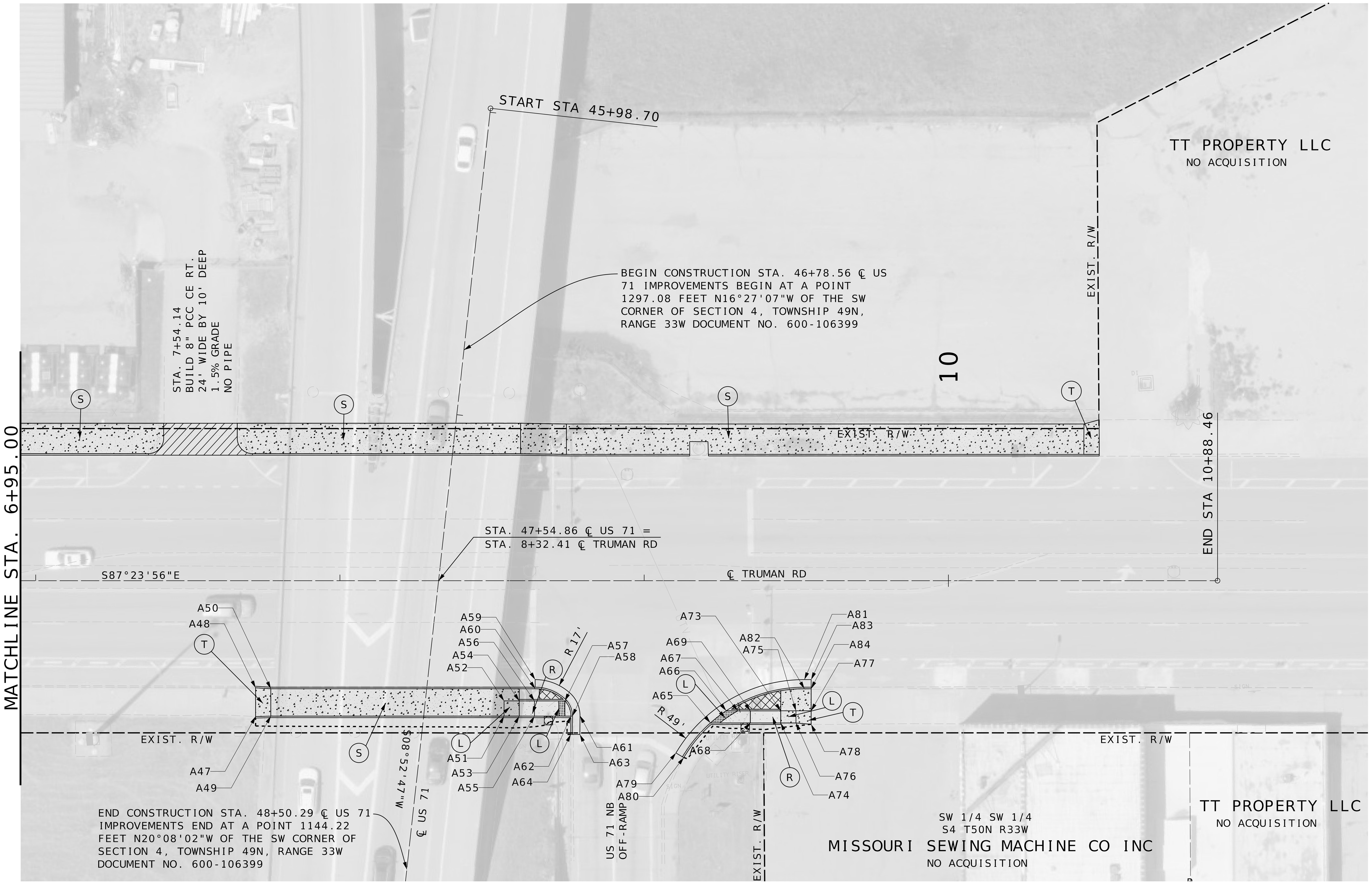


RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

TRUMAN ROAD

POINT	STA	OFF	SIDE	NORTHING	EASTING
A47	7+72.26	44.66	RT	1066478.941	2768606.347
A48	7+72.26	35.20	RT	1066488.393	2768606.777
A49	7+77.26	44.50	RT	1066478.875	2768611.350
A50	7+77.26	35.50	RT	1066487.866	2768611.758
A51	8+53.95	44.50	RT	1066475.395	2768687.954
A52	8+53.95	39.50	RT	1066480.390	2768688.180
A53	8+58.95	44.50	RT	1066475.168	2768692.948
A54	8+58.95	39.50	RT	1066480.163	2768693.175
A55	8+63.95	44.50	RT	1066474.942	2768697.943
A56	8+63.95	39.50	RT	1066479.936	2768698.170
A57	8+73.95	39.50	RT	1066479.483	2768708.160
A58	8+76.40	44.50	RT	1066474.377	2768710.381
A59	8+64.15	32.50	RT	1066486.920	2768698.690
A60	8+64.15	35.50	RT	1066483.923	2768698.553
A61	8+78.90	44.41	RT	1066474.349	2768712.882
A62	8+75.90	44.50	RT	1066474.399	2768709.880
A63	8+78.85	50.55	RT	1066468.223	2768712.562
A64	8+75.85	50.53	RT	1066468.380	2768709.566
A65	9+21.76	46.75	RT	1066470.070	2768755.596

POINT	STA	OFF	SIDE	NORTHING	EASTING
A66	9+26.95	42.75	RT	1066473.830	2768760.966
A67	9+29.87	42.75	RT	1066473.698	2768763.879
A68	9+29.87	46.75	RT	1066469.702	2768763.698
A69	9+34.87	42.75	RT	1066473.471	2768768.874
A70	9+34.87	46.75	RT	1066469.475	2768768.693
A71	9+39.87	42.75	RT	1066473.244	2768773.869
A72	9+39.87	46.75	RT	1066469.248	2768773.687
A73	9+44.87	42.75	RT	1066473.017	2768778.864
A74	9+44.87	46.75	RT	1066469.021	2768778.682
A75	9+49.87	42.75	RT	1066472.790	2768783.859
A76	9+49.87	46.75	RT	1066468.795	2768783.677
A77	9+54.87	42.75	RT	1066472.563	2768788.854
A78	9+54.87	47.20	RT	1066468.117	2768788.652
A79	9+10.45	56.62	RT	1066460.729	2768743.847
A80	9+13.03	58.14	RT	1066459.089	2768746.360
A81	9+52.66	32.50	RT	1066482.903	2768787.109
A82	9+52.66	35.50	RT	1066479.906	2768786.973
A83	9+54.87	32.50	RT	1066482.803	2768789.319
A84	9+54.87	35.50	RT	1066479.806	2768789.183

SCALE
0 20 40 60

GEOMETRIC SHEET
2 OF 35
US 71 AT TRUMAN RD.
SHEET 2 OF 2

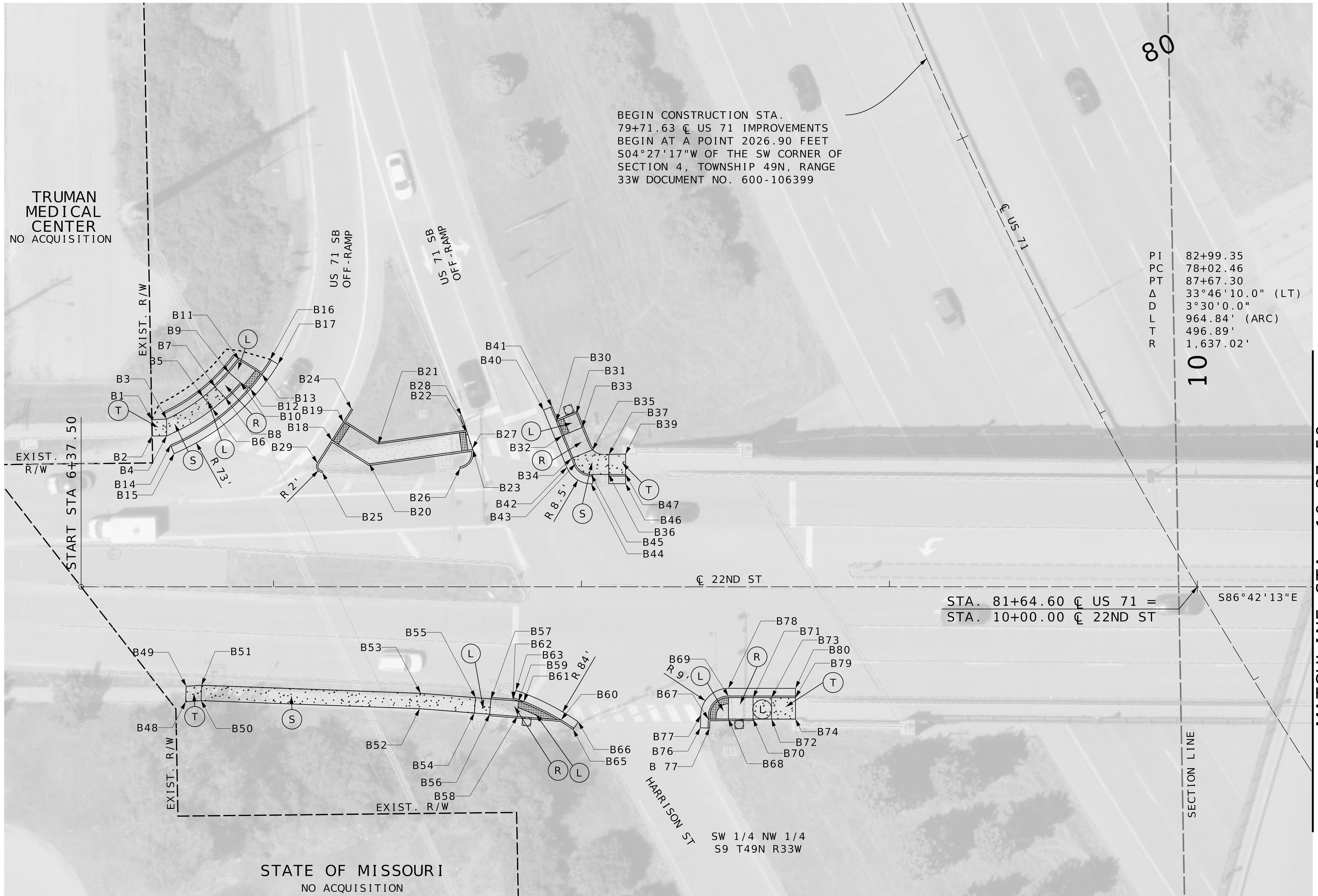
Jonathan W. Peitz
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER
PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ–CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED: 11/14/2025
ROUTE: VAR. | STATE: MO
DISTRICT: KC | SHEET NO. 53
COUNTY: JACKSON
JOB NO. J4P3268H
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

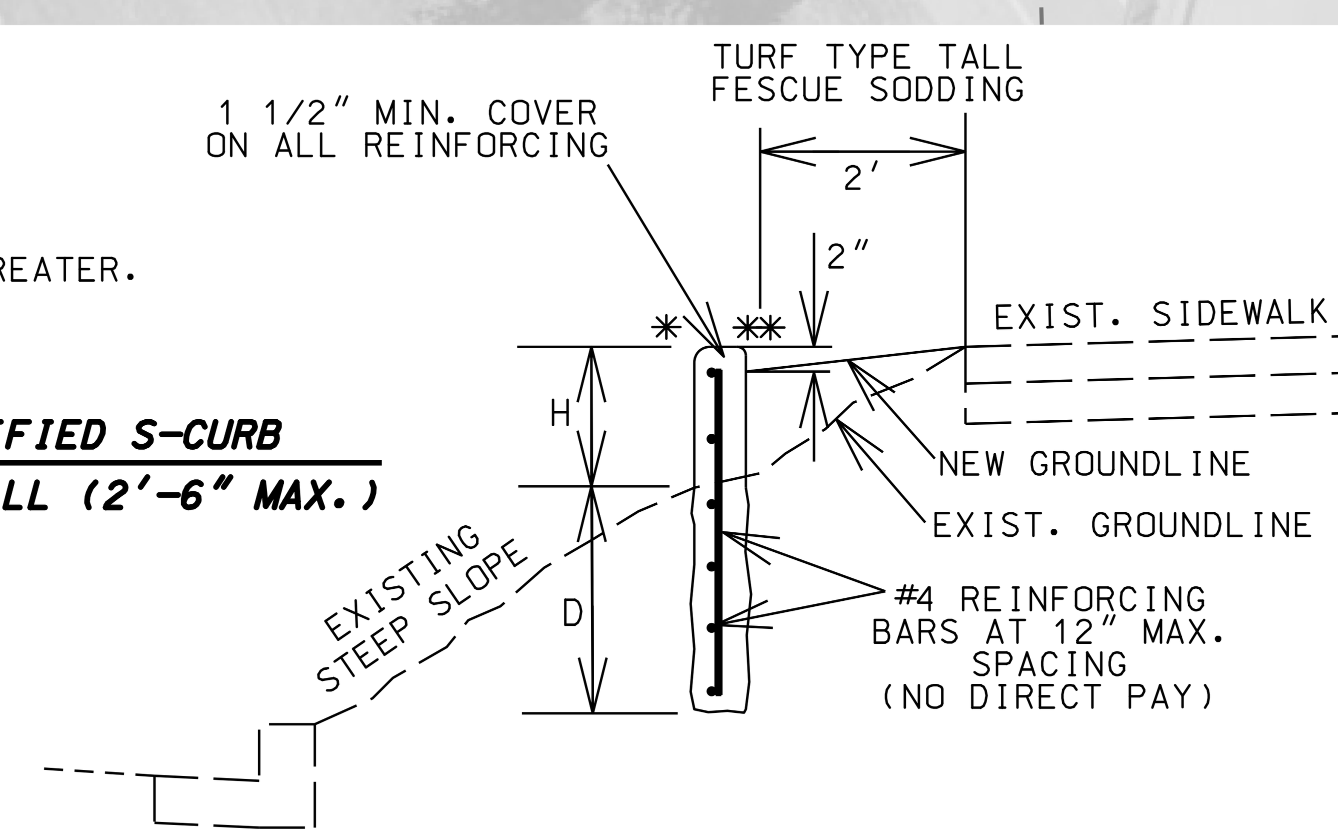
olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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



RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

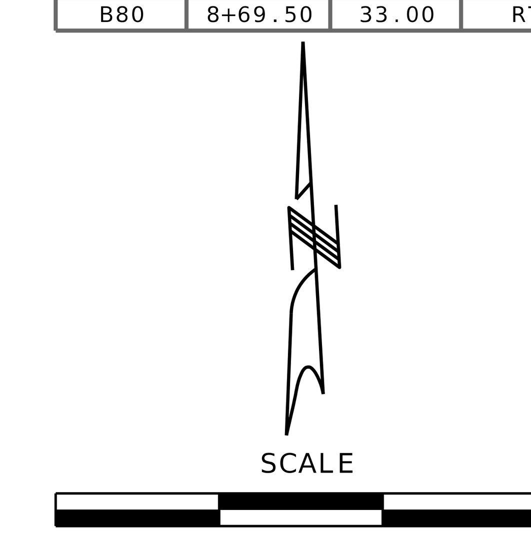
* ROUND TO 3/4" RADIUS
** ROUND TO 1/4" RADIUS
H = 2'-6" MAX. (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER.
VERTICAL REINFORCING LENGTHS VARY AS NEEDED.
DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK



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

22ND STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
B1	6+60.46	-54.34	LT	1063228.799	2768632.171
B2	6+60.56	-49.00	LT	1063223.467	2768631.966
B3	6+65.25	-54.50	LT	1063228.688	2768636.959
B4	6+65.27	-49.04	LT	1063223.235	2768636.665
B5	6+77.10	-61.73	LT	1063235.224	2768649.209
B6	6+80.17	-57.78	LT	1063231.105	2768652.043
B7	6+80.99	-65.02	LT	1063238.281	2768653.281
B8	6+84.37	-61.33	LT	1063234.410	2768656.445
B9	6+85.53	-69.65	LT	1063242.643	2768658.079
B10	6+89.28	-66.34	LT	1063239.125	2768661.632
B11	6+88.83	-73.72	LT	1063246.519	2768661.604
B12	6+92.49	-64.31	LT	1063236.919	2768664.721
B13	6+96.25	-69.04	LT	1063241.420	2768668.742
B14	6+66.54	-46.05	LT	1063220.175	2768637.759
B15	6+67.71	-43.28	LT	1063217.350	2768638.768
B16	6+98.90	-73.90	LT	1063246.119	2768671.665
B17	7+01.45	-72.33	LT	1063244.405	2768674.128
B18	7+18.91	-47.65	LT	1063218.764	2768690.135
B19	7+22.64	-53.57	LT	1063224.460	2768694.204
B20	7+31.12	-39.95	LT	1063210.371	2768701.884
B21	7+34.00	-46.40	LT	1063216.651	2768705.135
B22	7+62.81	-50.35	LT	1063218.935	2768734.122
B23	7+64.71	-44.60	LT	1063213.082	2768735.686
B24	7+25.27	-57.82	LT	1063228.550	2768697.076
B25	7+15.84	-37.17	LT	1063208.479	2768686.467
B26	7+60.56	-38.47	LT	1063207.202	2768731.195
B27	7+64.60	-45.00	LT	1063213.488	2768735.594
B28	7+61.03	-55.70	LT	1063224.383	2768732.650
B29	7+14.23	-40.24	LT	1063211.631	2768685.039
B30	7+91.85	-53.74	LT	1063220.654	2768763.305
B31	7+98.33	-56.39	LT	1063222.923	2768769.927
B32	7+93.74	-49.12	LT	1063215.924	2768764.925
B33	8+00.22	-51.76	LT	1063218.192	2768771.547
B34	7+96.76	-41.71	LT	1063208.356	2768767.517
B35	8+03.59	-44.49	LT	1063210.745	2768774.493
B36	8+08.82	-36.50	LT	1063202.463	2768779.257
B37	8+08.88	-43.00	LT	1063208.948	2768779.695
B38	8+14.33	-36.50	LT	1063202.146	2768784.758
B39	8+14.33	-43.12	LT	1063208.758	2768785.139
B40	7+87.64	-57.43	LT	1063224.575	2768759.319
B41	7+90.42	-58.56	LT	1063225.547	2768762.158
B42	7+95.25	-38.79	LT	1063205.527	2768765.843
B43	7+98.03	-39.92	LT	1063206.499	2768768.681
B44	8+03.12	-33.50	LT	1063199.795	2768773.396
B45	8+03.12	-36.50	LT	1063202.790	2768773.568
B46	8+14.33	-33.50	LT	1063199.151	2768784.585
B47	8+14.33	-36.50	LT	1063202.146	2768784.758
B48	6+71.43	37.39	RT	1063136.599	2768637.849
B49	6+71.62	32.34	RT	1063141.629	2768638.326
B50	6+76.45	37.00	RT	1063136.699	2768642.881
B51	6+76.63	32.00	RT	1063141.676	2768643.352
B52	7+47.45	39.62	RT	1063129.996	2768713.617
B53	7+47.75	34.63	RT	1063134.964	2768714.194
B54	7+65.20	41.03	RT	1063127.566	2768731.255
B55	7+65.60	36.05	RT	1063132.519	2768731.937
B56	7+70.19	41.43	RT	1063126.883	2768736.208
B57	7+70.58	36.45	RT	1063131.836	2768736.891
B58	7+79.16	42.14	RT	1063125.654	2768745.124
B59	7+79.56	37.16	RT	1063130.607	2768745.806
B60	7+93.37	43.27	RT	1063123.708	2768759.246
B61	7+81.31	37.30	RT	1063130.367	2768747.552
B62	7+77.74	36.51	RT	1063131.357	2768744.029
B63	7+78.72	33.67	RT	1063134.137	2768745.173
B65	7+97.26	46.38	RT	1063120.381	2768762.953
B66	7+98.97	43.91	RT	1063122.749	2768764.796
B67	8+41.69	43.00	RT	1063121.204	2768807.503
B68	8+47.72	43.00	RT	1063120.858	2768813.522
B69	8+47.72	36.00	RT	1063127.846	2768813.924
B70	8+55.72	43.00	RT	1063120.398	2768821.508
B71	8+55.72	36.00	RT	1063127.386	2768821.911
B72	8+61.72	43.00	RT	1063120.053	2768827.498
B73	8+61.72	36.00	RT	1063127.041	2768827.901
B74	8+69.50	43.00	RT	1063119.605	2768835.271
B75	8+69.50	36.00	RT	1063126.593	2768835.673
B76	8+38.61	45.83	RT	1063118.556	2768804.268
B77	8+38.72	41.76	RT	1063122.614	2768804.611
B 77	8+41.61	45.91	RT	1063118.303	2768807.257
B78	8+47.72	33.00	RT	1063130.841	2768814.097
B79	8+69.50	36.00	RT	1063126.593	2768835.673
B80	8+69.50	33.00	RT	1063129.588	2768835.846



GEOMETRIC SHEET
3 OF 35
US 71 AT 22ND ST.
SHEET 1 OF 2

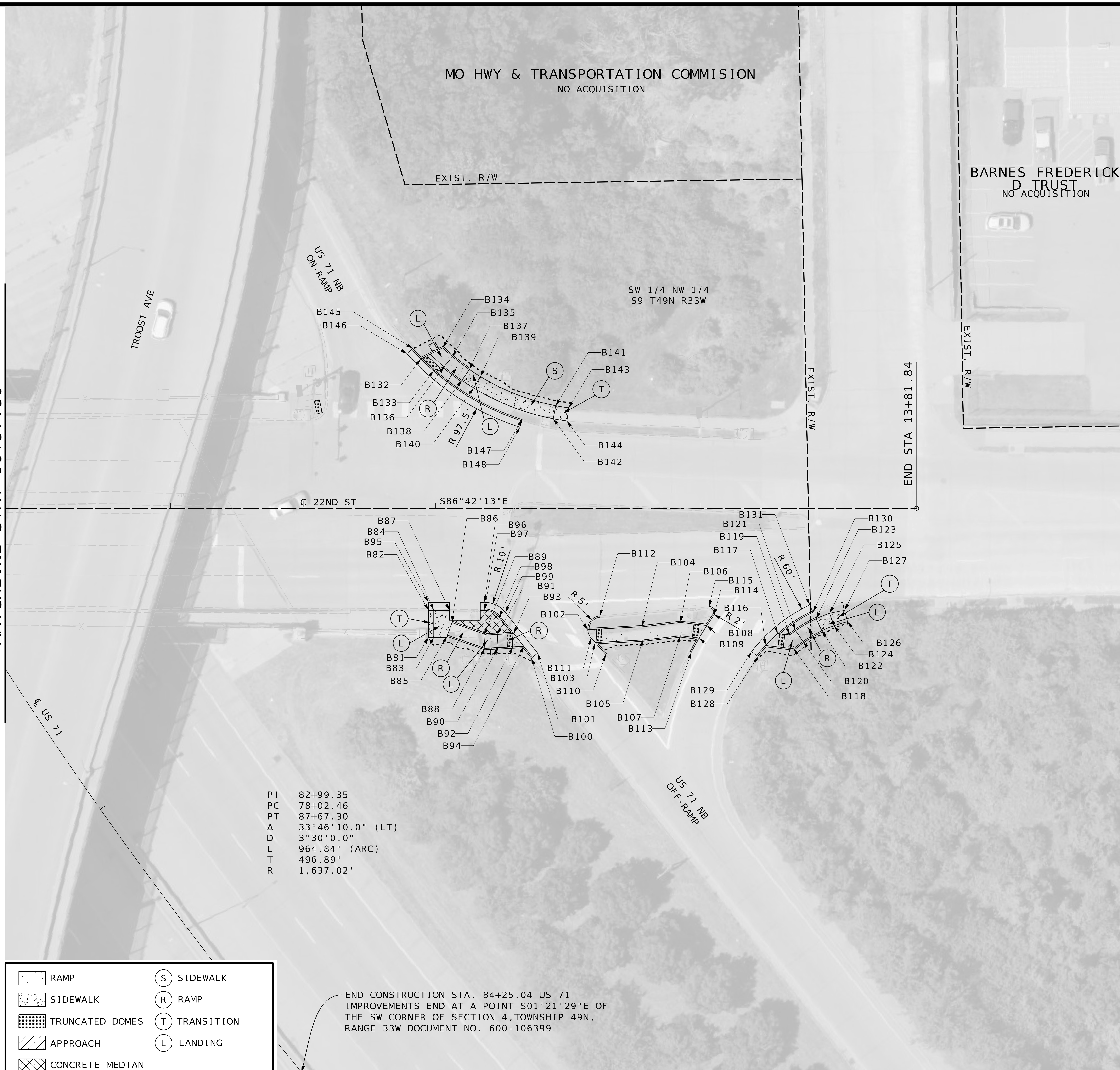
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ–CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED	
11/14/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	54
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592



22ND STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
B81	11+97.39	48.75	RT	1063095.010	2769162.288
B82	11+97.39	38.50	RT	1063105.244	2769162.877
B83	11+99.43	48.75	RT	1063094.893	2769164.322
B84	11+99.43	38.50	RT	1063105.126	2769164.911
B85	12+04.43	48.35	RT	1063095.002	2769169.336
B86	12+06.27	43.17	RT	1063100.069	2769171.473
B87	12+05.26	38.50	RT	1063104.791	2769170.728
B88	12+18.70	52.89	RT	1063089.649	2769183.318
B89	12+18.39	47.90	RT	1063094.649	2769183.296
B90	12+23.69	52.63	RT	1063089.625	2769188.318
B91	12+23.38	47.64	RT	1063094.625	2769188.296
B92	12+29.27	52.34	RT	1063089.598	2769193.899
B93	12+29.00	47.34	RT	1063094.598	2769193.923
B94	12+33.41	52.12	RT	1063089.579	2769198.054
B95	11+97.39	35.50	RT	1063108.239	2769163.049
B96	12+18.62	35.50	RT	1063107.018	2769184.239
B97	12+18.62	38.50	RT	1063104.023	2769184.066
B98	12+24.11	41.16	RT	1063101.054	2769189.394
B99	12+26.46	39.30	RT	1063102.777	2769191.850
B100	12+36.28	56.55	RT	1063084.987	2769200.665
B101	12+38.64	54.69	RT	1063086.709	2769203.121
B102	12+57.59	45.83	RT	1063094.463	2769222.546
B103	12+60.38	50.69	RT	1063089.451	2769225.053
B104	12+78.01	44.75	RT	1063094.366	2769242.998
B105	12+78.42	49.74	RT	1063089.366	2769243.121
B106	12+92.61	43.11	RT	1063095.162	2769257.674
B107	12+92.61	48.15	RT	1063090.139	2769257.380
B108	13+02.58	44.25	RT	1063093.453	2769267.560
B109	12+99.68	48.95	RT	1063088.927	2769264.388
B110	12+64.38	55.21	RT	1063084.711	2769228.792
B111	12+58.84	48.96	RT	1063091.269	2769223.619
B112	12+62.11	40.66	RT	1063099.362	2769227.359
B113	12+96.73	54.33	RT	1063083.729	2769261.138
B114	13+05.30	40.29	RT	1063097.257	2769270.499
B115	13+03.42	37.14	RT	1063100.509	2769268.805
B116	13+24.70	51.81	RT	1063084.637	2769289.202
B117	13+29.35	47.31	RT	1063088.864	2769294.104
B118	13+35.36	53.03	RT	1063082.809	2769299.775
B119	13+33.85	47.82	RT	1063088.091	2769298.575
B120	13+38.92	50.31	RT	1063085.314	2769303.490
B121	13+36.08	46.20	RT	1063089.583	2769300.886
B122	13+45.99	46.24	RT	1063088.973	2769310.785
B123	13+43.87	41.71	RT	1063093.613	2769308.922
B124	13+50.62	44.34	RT	1063090.598	2769315.512
B125	13+48.96	39.63	RT	1063095.403	2769314.128
B126	13+55.73	42.85	RT	1063091.793	2769320.701
B127	13+54.61	38.52	RT	1063096.181	2769319.829
B128	13+21.86	55.94	RT	1063080.674	2769286.129
B129	13+19.48	54.11	RT	1063082.643	2769283.865
B130	13+42.70	39.23	RT	1063096.165	2769307.897
B131	13+41.42	36.51	RT	1063098.948	2769306.779
B132	11+94.51	-56.51	LT	1063200.263	2769165.463
B133	11+99.33	-51.99	LT	1063195.475	2769170.008
B134	12+02.78	-60.68	LT	1063203.946	2769173.952
B135	12+06.50	-57.36	LT	1063200.425	2769177.482
B136	12+03.29	-53.53	LT	1063196.785	2769174.055
B137	12+12.87	-52.51	LT	1063195.213	2769183.562
B138	12+10.03	-48.40	LT	1063191.270	2769180.488
B139	12+17.07	-49.79	LT	1063192.253	2769187.595
B140	12+14.47	-45.52	LT	1063188.138	2769184.754
B141	12+45.48	-38.79	LT	1063179.645	2769215.323
B142	12+44.52	-33.89	LT	1063174.800	2769214.090
B143	12+50.41	-37.98	LT	1063178.552	2769220.205
B144	12+49.68	-33.04	LT	1063173.656	2769219.193
B145	11+91.46	-60.48	LT	1063204.404	2769162.640
B146	11+89.22	-58.48	LT	1063202.536	2769160.292
B147	12+32.86	-33.54	LT	1063175.125	2769202.427
B148	12+31.94	-30.68	LT	1063172.328	2769201.342

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

DATE PREPARED
11/14/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	55

COUNTY
JACKSON

JOB NO.
J4P3268H

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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
1301 BURLINGTON STREET, STE. 100
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CERTIFICATE OF
AUTHORITY NO. 001592

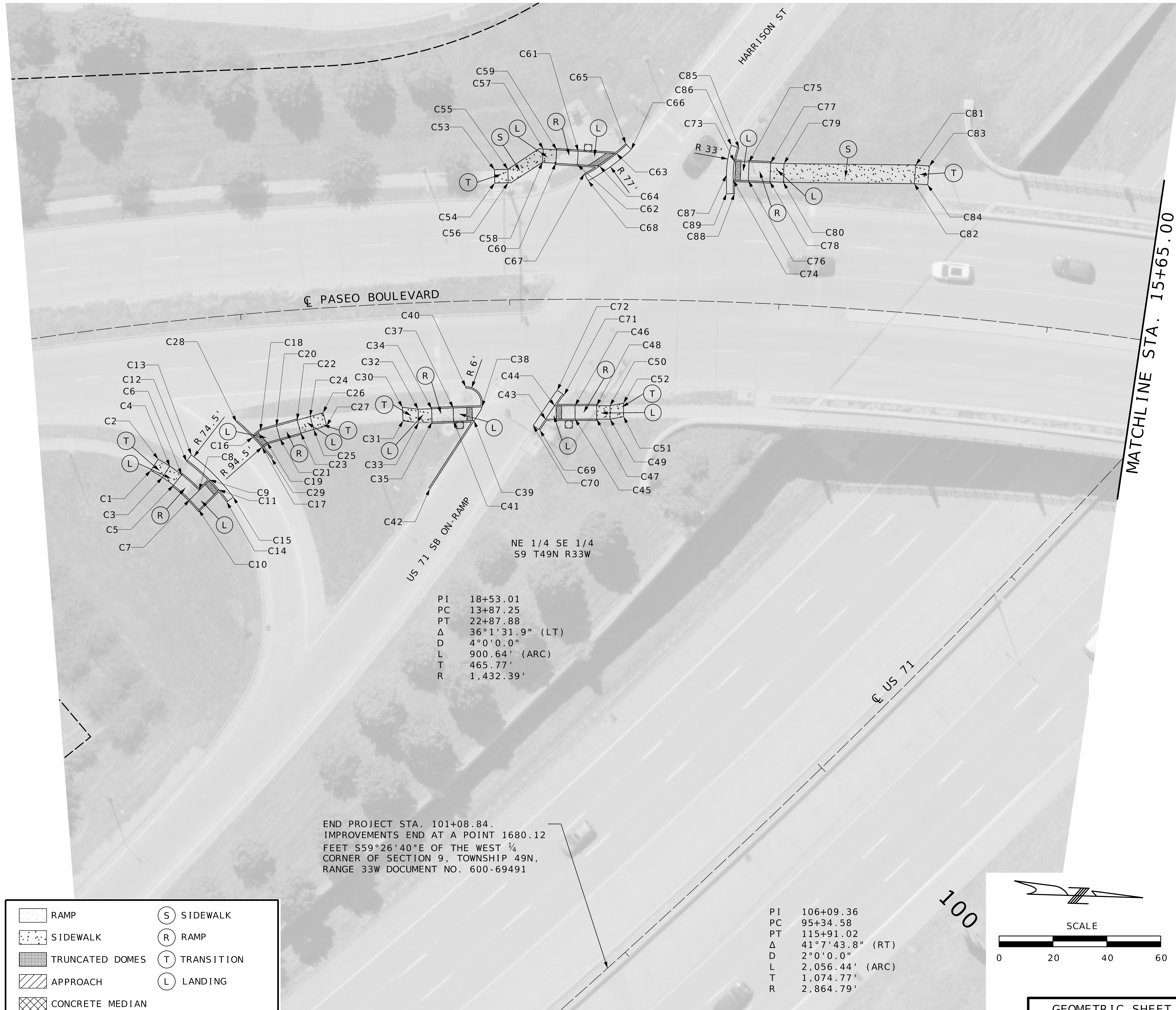
GEOMETRIC SHEET
4 OF 35
US 71 AT 22ND ST.
SHEET 2 OF 2

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

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\055_SS_04_22nd St_J4P3268H_I20.dgn 3:39:34 PM 11/14/2025

PASEO BLVD

POINT	STA	OFF	SIDE	NORTHING	EASTING
C1	19+39.83	-54.20	LT	1061683.940	2770212.642
C2	19+36.49	-50.35	LT	1061686.556	2770208.364
C3	19+35.70	-57.25	LT	1061688.309	2770215.082
C4	19+32.38	-53.40	LT	1061690.917	2770210.816
C5	19+31.79	-60.63	LT	1061692.503	2770217.896
C6	19+28.16	-57.04	LT	1061695.444	2770213.853
C7	19+26.14	-66.64	LT	1061698.693	2770223.087
C8	19+22.06	-63.50	LT	1061702.127	2770219.452
C9	19+17.59	-60.05	LT	1061705.904	2770215.454
C10	19+23.04	-70.68	LT	1061702.165	2770226.692
C11	19+14.45	-64.05	LT	1061709.400	2770219.035
C12	19+25.79	-52.31	LT	1061697.048	2770208.855
C13	19+23.68	-50.11	LT	1061698.763	2770206.393
C14	19+11.86	-68.82	LT	1061712.469	2770223.443
C15	19+09.15	-67.29	LT	1061714.831	2770221.593
C16	18+99.50	-45.81	LT	1061721.397	2770199.138
C17	18+96.31	-49.74	LT	1061724.923	2770202.685
C18	18+96.38	-43.55	LT	1061724.124	2770196.541
C19	18+94.24	-48.24	LT	1061726.733	2770200.960
C20	18+90.15	-42.38	LT	1061729.998	2770194.688
C21	18+89.16	-47.29	LT	1061731.502	2770199.457
C22	18+82.07	-40.83	LT	1061737.627	2770192.282
C23	18+81.05	-45.74	LT	1061739.131	2770197.051
C24	18+77.02	-39.84	LT	1061742.396	2770190.778
C25	18+75.99	-44.74	LT	1061743.900	2770195.547
C26	18+71.99	-38.83	LT	1061747.164	2770189.274
C27	18+70.94	-43.73	LT	1061748.668	2770194.043
C28	19+05.21	-39.62	LT	1061715.142	2770193.675
C29	18+93.03	-54.25	LT	1061728.580	2770206.797
C30	18+41.66	-38.50	LT	1061776.529	2770186.295
C31	18+41.66	-43.50	LT	1061776.925	2770191.280
C32	18+35.68	-39.50	LT	1061782.402	2770186.844
C33	18+35.75	-44.50	LT	1061782.705	2770191.835
C34	18+30.54	-39.50	LT	1061787.389	2770186.478
C35	18+30.59	-44.50	LT	1061787.692	2770191.469
C36	18+22.31	-39.50	LT	1061795.370	2770185.929
C37	18+22.31	-39.50	LT	1061795.370	2770185.929
C38	18+11.31	-39.50	LT	1061806.042	2770185.267
C39	18+14.48	-44.50	LT	1061803.267	2770190.440
C40	18+17.31	-31.82	LT	1061799.743	2770177.953
C41	18+12.16	-41.23	LT	1061805.324	2770187.045
C42	18+32.53	-69.23	LT	1061787.622	2770216.263
C43	17+87.11	-44.50	LT	1061829.758	2770189.095
C44	17+83.61	-39.50	LT	1061832.948	2770183.963
C45	17+75.77	-44.50	LT	1061840.739	2770188.685
C46	17+75.79	-39.50	LT	1061840.547	2770183.689
C47	17+67.51	-44.50	LT	1061848.735	2770188.442
C48	17+67.57	-39.50	LT	1061848.544	2770183.446
C49	17+62.35	-44.50	LT	1061853.734	2770188.314
C50	17+62.42	-39.50	LT	1061853.542	2770183.317
C51	17+57.21	-43.50	LT	1061858.695	2770187.204
C52	17+57.30	-38.50	LT	1061858.503	2770182.207
C53	18+04.56	48.50	RT	1061807.903	2770097.027
C54	18+04.56	43.50	RT	1061808.170	2770102.019
C55	17+99.73	48.50	RT	1061812.897	2770096.768
C56	17+99.71	43.50	RT	1061813.163	2770101.761
C57	17+83.12	55.57	RT	1061829.779	2770088.947
C58	17+83.46	50.58	RT	1061829.616	2770093.944
C59	17+78.31	55.22	RT	1061834.777	2770089.110
C60	17+78.64	50.23	RT	1061834.613	2770094.107
C61	17+70.63	54.70	RT	1061842.772	2770089.371
C62	17+70.93	49.71	RT	1061842.609	2770094.368
C63	17+60.80	54.10	RT	1061852.988	2770089.704
C64	17+66.80	49.45	RT	1061846.886	2770094.508
C65	17+57.52	57.83	RT	1061856.310	2770085.906
C66	17+55.52	55.66	RT	1061858.434	2770088.025
C67	17+72.30	46.60	RT	1061841.286	2770097.519
C68	17+70.91	43.97	RT	1061842.801	2770100.109
C69	17+89.30	-48.50	LT	1061827.807	2770193.179
C70	17+91.86	-46.81	LT	1061825.259	2770191.595
C71	17+79.91	-35.52	LT	1061836.405	2770179.849
C72	17+82.53	-33.79	LT	1061833.781	2770178.218
C73	17+18.58	52.25	RT	1061896.782	2770091.200
C74	17+18.70	45.25	RT	1061896.614	2770098.199
C75	17+13.27	52.25	RT	1061902.286	2770091.246
C76	17+13.25	45.25	RT	1061902.237	2770098.246
C77	17+05.55	52.25	RT	1061910.285	2770091.351
C78	17+05.49	45.25	RT	1061910.236	2770098.351
C79	17+00.73	52.25	RT	1061915.285	2770091.438
C80	17+00.65	45.25	RT	1061915.236	2770098.438
C81	16+53.63	55.00	RT	1061964.209	2770090.426
C82	16+53.66	48.00	RT	1061963.821	2770097.415
C83	16+48.82	55.00	RT	1061969.201	2770090.694
C84	16+48.82	48.00	RT	1061968.814	2770097.683
C85	17+17.06	57.27	RT	1061898.395	2770086.193
C86	17+19.82	58.15	RT	1061895.532	2770085.296
C87	17+21.20	47.07	RT	1061894.046	2770096.363
C88	17+18.00	40.27	RT	1061897.296	2770103.186
C89	17+20.92	40.14	RT	1061894.298	2770103.295



GEOMETRIC SHEET
5 OF 35
US 71 AT THE PASEO
SHEET 1 OF 2

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

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

DATE PREPARED	
11/14/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	56
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

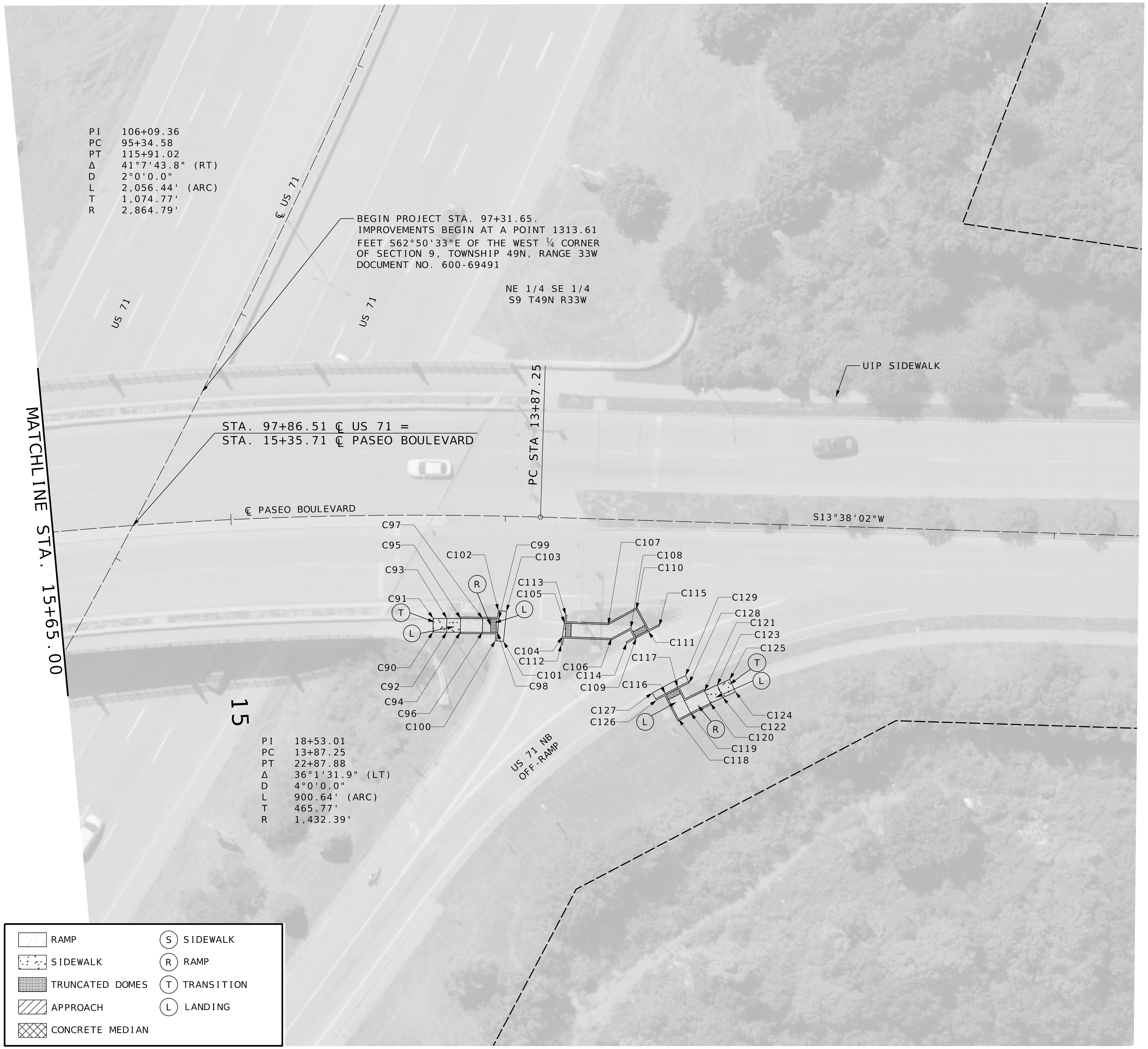
DATE	DESCRIPTION

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\056_SS_05_Paseo Blvd_J4P3268H_I20.dgn 3:40:24 PM 11/14/2025



PASEO BLVD

POINT	STA	OFF	SIDE	NORTHING	EASTING
C90	14+26.24	-42.52	LT	1062177.657	2770216.684
C91	14+26.19	-37.52	LT	1062178.742	2770211.803
C92	14+21.08	-42.55	LT	1062182.538	2770217.770
C93	14+21.06	-37.55	LT	1062183.623	2770212.889
C94	14+15.93	-42.51	LT	1062187.430	2770218.803
C95	14+15.93	-37.51	LT	1062188.515	2770213.922
C96	14+07.69	-42.45	LT	1062195.250	2770220.492
C97	14+07.71	-37.45	LT	1062196.335	2770215.611
C98	14+02.02	-42.40	LT	1062200.622	2770221.678
C99	14+01.61	-37.40	LT	1062202.135	2770216.892
C100	14+02.78	-45.41	LT	1062199.225	2770224.440
C101	13+99.69	-45.64	LT	1062202.085	2770225.345
C102	14+01.88	-34.40	LT	1062202.553	2770213.912
C103	13+98.82	-34.63	LT	1062205.414	2770214.816
C104	13+77.90	-43.29	LT	1062223.443	2770228.052
C105	13+77.32	-38.29	LT	1062225.185	2770223.327
C106	13+60.02	-43.34	LT	1062240.807	2770232.313
C107	13+61.35	-38.33	LT	1062240.700	2770227.130
C108	13+53.10	-39.32	LT	1062248.475	2770230.043
C109	13+51.04	-42.87	LT	1062249.639	2770233.977
C110	13+51.29	-32.49	LT	1062251.851	2770223.830
C111	13+46.70	-40.40	LT	1062254.447	2770232.603
C112	13+78.24	-46.23	LT	1062222.419	2770230.830
C113	13+76.96	-35.23	LT	1062226.251	2770220.437
C114	13+54.48	-44.90	LT	1062245.819	2770235.138
C115	13+42.76	-38.26	LT	1062258.779	2770231.446
C116	13+39.78	-62.81	LT	1062255.882	2770256.005
C117	13+35.43	-60.34	LT	1062260.691	2770254.635
C118	13+34.69	-71.99	LT	1062258.667	2770266.131
C119	13+30.34	-69.53	LT	1062263.475	2770264.759
C120	13+23.28	-65.77	LT	1062271.225	2770262.775
C121	13+25.55	-61.32	LT	1062270.068	2770257.911
C122	13+18.80	-63.55	LT	1062276.101	2770261.668
C123	13+20.98	-59.05	LT	1062275.046	2770256.781
C124	13+14.30	-61.37	LT	1062280.989	2770260.613
C125	13+16.48	-56.87	LT	1062279.934	2770255.726
C126	13+42.98	-65.28	LT	1062252.196	2770257.651
C127	13+44.53	-62.71	LT	1062251.298	2770254.788
C128	13+31.23	-58.63	LT	1062265.183	2770253.964
C129	13+32.63	-55.98	LT	1062264.443	2770251.057

SCALE
0 20 40 60

GEOMETRIC SHEET
6 OF 35
US 71 AT THE PASEO
SHEET 2 OF 2

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

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

DATE PREPARED 11/14/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	57

COUNTY: JACKSON
JOB NO.: J4P3268H
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

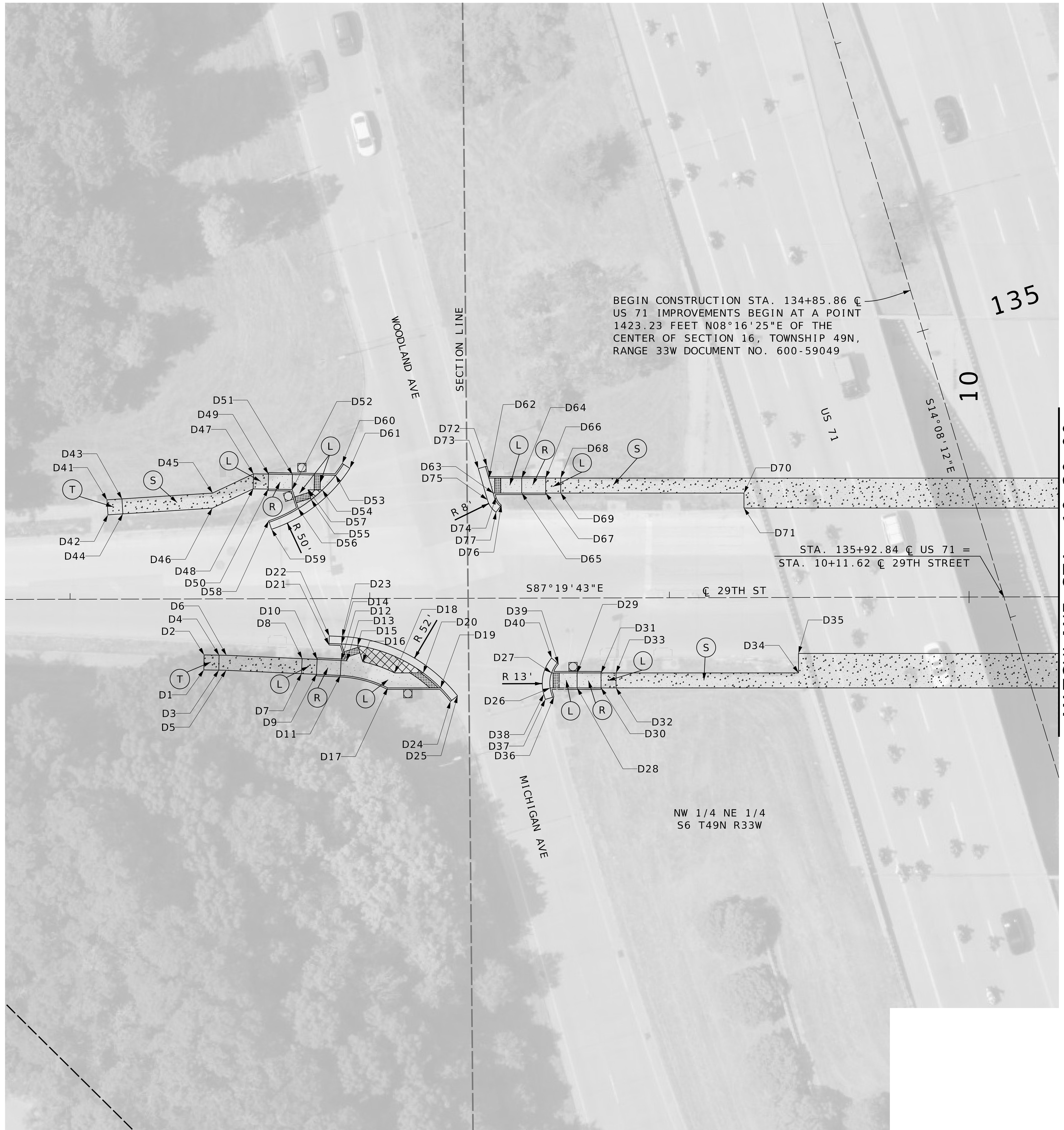
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

29TH STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
D1	7+44.58	23.69	RT	1058622.886	2771318.697
D2	7+44.68	18.69	RT	1058627.875	2771319.023
D3	7+49.58	23.78	RT	1058622.560	2771323.686
D4	7+49.67	18.78	RT	1058627.549	2771324.012
D5	7+52.01	23.82	RT	1058622.402	2771326.108
D6	7+52.10	18.83	RT	1058627.391	2771326.434
D7	7+77.15	25.03	RT	1058620.029	2771351.168
D8	7+77.39	20.03	RT	1058625.007	2771351.639
D9	7+82.15	25.26	RT	1058619.559	2771356.146
D10	7+82.38	20.27	RT	1058624.536	2771356.616
D11	7+90.14	25.65	RT	1058618.805	2771364.110
D12	7+90.37	20.65	RT	1058623.783	2771364.581
D13	7+92.31	20.79	RT	1058623.559	2771366.503
D14	7+90.52	15.15	RT	1058629.270	2771364.984
D15	7+95.94	15.70	RT	1058628.472	2771370.370
D16	7+97.65	21.10	RT	1058622.997	2771371.826
D17	8+05.94	29.83	RT	1058613.887	2771379.704
D18	8+08.25	24.84	RT	1058618.769	2771382.246
D19	8+23.55	29.87	RT	1058613.023	2771397.293
D20	8+17.79	24.86	RT	1058618.301	2771391.769
D21	7+86.33	15.45	RT	1058629.164	2771360.786
D22	7+86.48	12.46	RT	1058632.151	2771361.069
D23	7+90.76	12.66	RT	1058631.748	2771365.334
D24	8+26.85	34.38	RT	1058608.366	2771400.377
D25	8+29.21	32.53	RT	1058610.104	2771402.822
D26	8+60.10	29.96	RT	1058611.230	2771433.799
D27	8+60.61	24.97	RT	1058616.200	2771434.537
D28	8+69.13	29.99	RT	1058610.787	2771442.813
D29	8+69.14	24.99	RT	1058615.781	2771443.059
D30	8+77.13	30.01	RT	1058610.395	2771450.804
D31	8+77.14	25.01	RT	1058615.389	2771451.049
D32	8+82.13	30.02	RT	1058610.149	2771455.798
D33	8+82.14	25.02	RT	1058615.143	2771456.043
D34	9+43.01	25.17	RT	1058612.157	2771516.841
D35	9+43.03	18.67	RT	1058618.649	2771517.160
D36	8+61.38	32.97	RT	1058608.170	2771434.936
D37	8+58.50	33.80	RT	1058607.476	2771432.018
D38	8+58.01	32.08	RT	1058609.210	2771431.605
D39	8+62.92	21.97	RT	1058619.083	2771436.981
D40	8+60.64	20.02	RT	1058621.143	2771434.800
D41	7+12.39	-33.13	LT	1058681.143	2771289.185
D42	7+12.69	-28.14	LT	1058676.144	2771289.258
D43	7+17.38	-33.44	LT	1058681.216	2771294.184
D44	7+17.68	-28.45	LT	1058676.217	2771294.257
D45	7+47.64	-35.29	LT	1058681.659	2771324.504
D46	7+47.50	-30.28	LT	1058676.653	2771324.127
D47	7+61.30	-41.69	LT	1058687.416	2771338.445
D48	7+61.20	-36.70	LT	1058682.428	2771338.109
D49	7+66.30	-41.59	LT	1058687.081	2771343.433
D50	7+66.20	-36.59	LT	1058682.092	2771343.098
D51	7+74.30	-41.43	LT	1058686.545	2771351.415
D52	7+74.20	-36.43	LT	1058681.556	2771351.080
D53	7+88.72	-41.13	LT	1058685.577	2771365.812
D54	7+84.25	-36.22	LT	1058680.881	2771361.115
D55	7+80.52	-33.02	LT	1058677.852	2771357.239
D56	7+76.21	-30.05	LT	1058675.091	2771352.799
D57	7+79.47	-36.32	LT	1058681.202	2771356.348
D58	7+66.34	-26.01	LT	1058671.513	2771342.743
D59	7+67.28	-23.16	LT	1058668.626	2771343.558
D60	7+90.94	-45.09	LT	1058689.425	2771368.212
D61	7+93.46	-43.46	LT	1058687.681	2771370.653
D62	8+39.84	-40.09	LT	1058682.148	2771416.828
D63	8+41.28	-35.08	LT	1058677.083	2771418.033
D64	8+50.82	-40.06	LT	1058681.610	2771427.787
D65	8+50.80	-35.06	LT	1058676.616	2771427.542
D66	8+58.82	-40.04	LT	1058681.217	2771435.778
D67	8+58.80	-35.04	LT	1058676.223	2771435.532
D68	8+63.82	-40.03	LT	1058680.972	2771440.771
D69	8+63.80	-35.03	LT	1058675.978	2771440.526
D70	9+24.96	-34.88	LT	1058672.977	2771501.608
D71	9+24.95	-29.88	LT	1058667.983	2771501.362
D72	8+39.21	-44.09	LT	1058686.175	2771416.384
D73	8+36.33	-43.26	LT	1058685.481	2771413.466
D74	8+42.21	-33.69	LT	1058675.645	2771418.889
D75	8+39.32	-32.86	LT	1058674.951	2771415.970
D76	8+44.00	-31.08	LT	1058672.954	2771420.560
D77	8+42.20	-28.68	LT	1058670.645	2771418.645



	RAMP	S	SIDEWALK
	SIDEWALK	R	RAMP
	TRUNCATED DOMES	T	TRANSITION
	APPROACH	L	LANDING
	CONCRETE MEDIAN		

SCALE

0 20 40 60

GEOMETRIC SHEET
7 OF 35
US 71 AT 29TH ST.
SHEET 1 OF 2

Jonathan W. Peitz 2025.11.17

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

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

DATE PREPARED	
11/14/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	58
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
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)

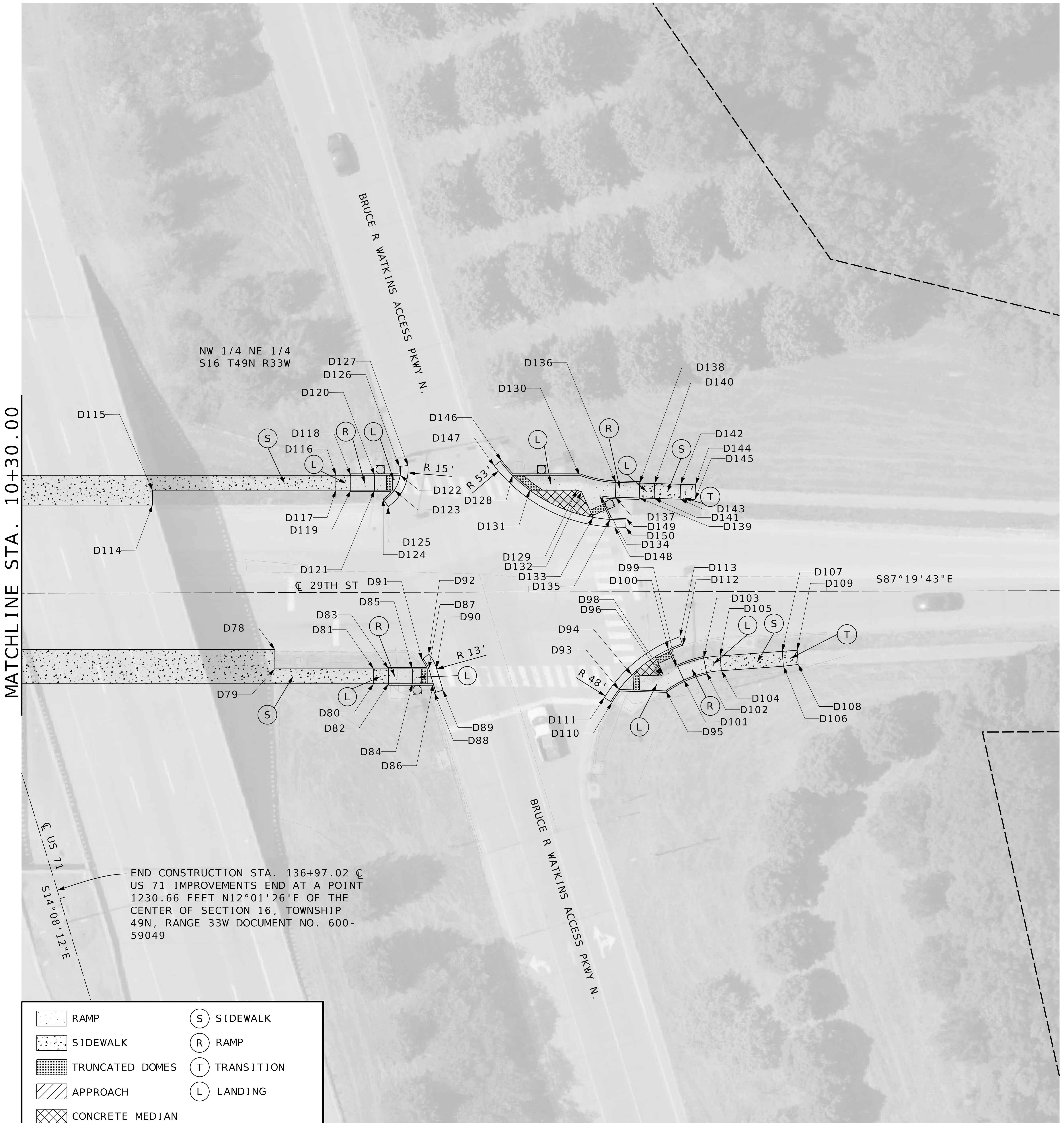
MoDOT

olsson

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\058_SS_07_29th St_J4P3268H_I20.dgn 3:41:42 PM 11/14/2025



29TH STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
D78	11+14.94	19.09	RT	1058610.213	2771688.871
D79	11+14.93	25.59	RT	1058603.721	2771688.552
D80	11+48.06	30.67	RT	1058597.101	2771721.409
D81	11+48.07	25.67	RT	1058602.095	2771721.654
D82	11+53.06	30.69	RT	1058596.856	2771726.403
D83	11+53.07	25.69	RT	1058601.850	2771726.648
D84	11+61.06	30.71	RT	1058596.463	2771734.393
D85	11+61.07	25.71	RT	1058601.457	2771734.639
D86	11+68.08	30.72	RT	1058596.119	2771741.411
D87	11+66.60	25.72	RT	1058601.186	2771740.164
D88	11+68.44	33.72	RT	1058593.104	2771741.629
D89	11+71.32	32.88	RT	1058593.813	2771744.544
D90	11+69.17	25.54	RT	1058601.247	2771742.737
D91	11+64.31	22.71	RT	1058604.295	2771738.014
D92	11+66.59	20.77	RT	1058606.131	2771740.387
D93	12+30.39	32.81	RT	1058591.127	2771803.550
D94	12+34.72	27.95	RT	1058595.782	2771808.101
D95	12+46.10	33.32	RT	1058589.885	2771819.219
D96	12+44.58	28.27	RT	1058595.002	2771817.934
D97	12+45.25	27.82	RT	1058595.418	2771818.631
D98	12+45.25	27.82	RT	1058595.418	2771818.631
D99	12+49.64	25.37	RT	1058597.664	2771823.122
D100	12+47.00	19.43	RT	1058603.723	2771820.765
D101	12+52.19	29.70	RT	1058593.223	2771825.468
D102	12+59.79	27.22	RT	1058595.345	2771833.182
D103	12+58.81	22.32	RT	1058600.288	2771832.432
D104	12+64.75	26.60	RT	1058595.736	2771838.166
D105	12+64.40	21.61	RT	1058600.734	2771838.046
D106	12+85.58	25.12	RT	1058596.237	2771859.038
D107	12+85.23	20.13	RT	1058601.236	2771858.918
D108	12+90.55	24.58	RT	1058596.550	2771864.032
D109	12+90.21	19.78	RT	1058601.356	2771863.917
D110	12+28.05	37.10	RT	1058586.951	2771801.010
D111	12+25.49	35.54	RT	1058588.632	2771798.526
D112	12+51.83	18.00	RT	1058604.924	2771825.662
D113	12+50.86	15.16	RT	1058607.804	2771824.821
D114	10+74.01	-29.51	LT	1058660.669	2771650.249
D115	10+74.03	-34.51	LT	1058665.663	2771650.494
D116	11+35.56	-39.36	LT	1058667.638	2771712.190
D117	11+35.55	-34.36	LT	1058662.644	2771711.944
D118	11+40.56	-39.35	LT	1058667.393	2771717.184
D119	11+40.55	-34.35	LT	1058662.399	2771716.938
D120	11+48.56	-39.33	LT	1058667.001	2771725.174
D121	11+48.55	-34.33	LT	1058662.007	2771724.929
D122	11+57.15	-39.30	LT	1058666.579	2771733.756
D123	11+55.16	-34.31	LT	1058661.682	2771731.530
D124	11+51.43	-31.32	LT	1058658.869	2771727.665
D125	11+53.08	-28.81	LT	1058656.290	2771729.198
D126	11+56.78	-42.31	LT	1058669.594	2771733.523
D127	11+59.77	-42.55	LT	1058669.697	2771736.521
D128	11+94.83	-39.21	LT	1058664.730	2771771.386
D129	12+16.45	-34.16	LT	1058658.675	2771792.745
D130	12+17.34	-39.16	LT	1058663.626	2771793.865
D131	12+00.60	-34.20	LT	1058659.453	2771776.916
D132	12+17.97	-33.65	LT	1058658.099	2771794.243
D133	12+21.81	-25.01	LT	1058649.286	2771797.672
D134	12+24.07	-32.23	LT	1058656.396	2771800.271
D135	12+27.59	-24.31	LT	1058648.318	2771803.414
D136	12+29.52	-36.73	LT	1058660.635	2771805.923
D137	12+29.36	-31.73	LT	1058655.651	2771805.529
D138	12+37.52	-36.47	LT	1058660.005	2771813.898
D139	12+37.35	-31.48	LT	1058655.020	2771813.504
D140	12+42.51	-36.31	LT	1058659.611	2771818.883
D141	12+42.35	-31.31	LT	1058654.626	2771818.489
D142	12+51.22	-36.03	LT	1058658.924	2771827.567
D143	12+51.06	-31.03	LT	1058653.939	2771827.173
D144	12+56.22	-35.87	LT	1058658.530	2771832.552
D145	12+56.06	-30.87	LT	1058653.545	2771832.157
D146	11+91.12	-44.22	LT	1058669.907	2771767.913
D147	11+88.74	-42.39	LT	1058668.190	2771765.453
D148	12+29.04	-21.74	LT	1058645.682	2771804.741
D149	12+32.92	-24.61	LT	1058648.374	2771808.757
D150	12+32.83	-21.62	LT	1058645.383	2771808.521

SCALE
0 20 40 60

GEOMETRIC SHEET
8 OF 35
US 71 AT 29TH ST.
SHEET 2 OF 2

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

DATE PREPARED
11/14/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	59

COUNTY
JACKSON
JOB NO.
J4P3268H
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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olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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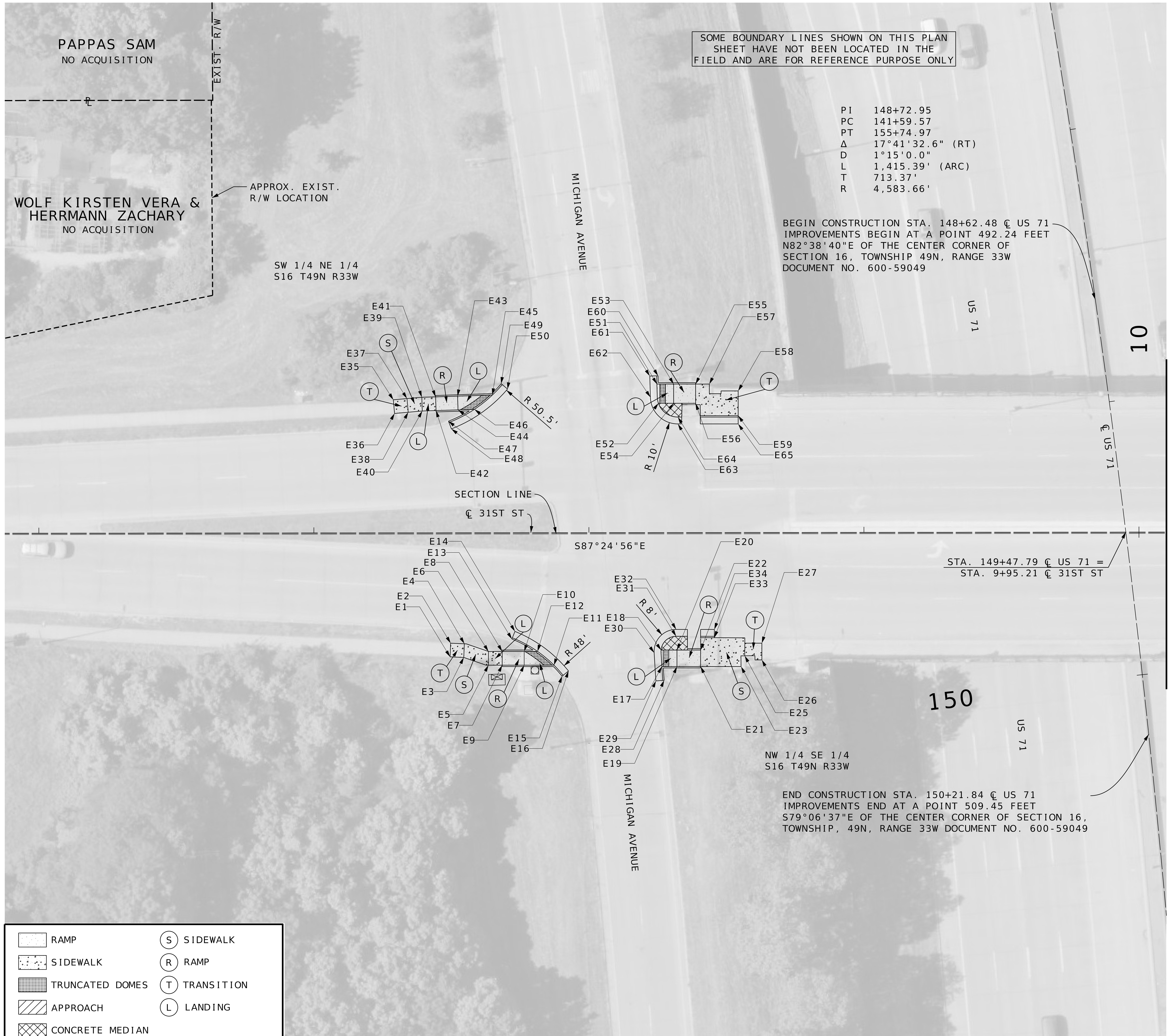
F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\059_SS_08_29th St_J4P3268H_I20.dgn 3:42:22 PM 11/14/2025



31ST STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
E1	7+49.46	45.14	RT	1057273.416	2771603.435
E2	7+49.69	40.15	RT	1057278.396	2771603.883
E3	7+54.46	45.36	RT	1057272.968	2771608.415
E4	7+54.68	40.37	RT	1057277.948	2771608.863
E5	7+63.40	48.18	RT	1057269.753	2771617.226
E6	7+63.41	43.18	RT	1057274.748	2771617.456
E7	7+68.40	48.18	RT	1057269.522	2771622.220
E8	7+68.41	43.18	RT	1057274.517	2771622.451
E9	7+76.40	48.19	RT	1057269.154	2771630.212
E10	7+76.41	43.19	RT	1057274.148	2771630.442
E11	7+87.26	48.20	RT	1057268.653	2771641.053
E12	7+81.29	43.20	RT	1057273.923	2771635.318
E13	7+71.95	38.69	RT	1057278.849	2771626.189
E14	7+73.07	35.90	RT	1057281.579	2771627.434
E15	7+90.19	52.21	RT	1057264.522	2771643.799
E16	7+92.52	50.32	RT	1057266.297	2771646.218
E17	8+26.48	48.74	RT	1057266.346	2771680.213
E18	8+26.19	42.74	RT	1057272.353	2771680.194
E19	8+31.98	48.75	RT	1057266.092	2771685.708
E20	8+31.99	42.75	RT	1057272.086	2771685.985
E21	8+40.57	48.76	RT	1057265.697	2771694.284
E22	8+40.57	42.76	RT	1057271.690	2771694.561
E23	8+55.28	48.77	RT	1057265.019	2771708.979
E24	8+56.61	44.87	RT	1057268.858	2771710.484
E25	8+56.61	44.87	RT	1057268.858	2771710.484
E26	8+62.83	46.35	RT	1057267.093	2771716.628
E27	8+62.83	40.28	RT	1057273.162	2771716.908
E28	8+27.30	53.74	RT	1057261.313	2771680.807
E29	8+24.31	53.94	RT	1057261.249	2771677.808
E30	8+23.68	43.70	RT	1057271.514	2771677.643
E31	8+31.67	37.75	RT	1057277.095	2771685.896
E32	8+31.68	35.25	RT	1057279.593	2771686.011
E33	8+45.58	38.26	RT	1057275.955	2771699.763
E34	8+45.58	35.26	RT	1057278.952	2771699.901
E35	7+28.93	-48.40	LT	1057367.787	2771587.145
E36	7+29.36	-43.42	LT	1057362.791	2771587.350
E37	7+33.92	-48.83	LT	1057367.988	2771592.141
E38	7+34.35	-43.85	LT	1057362.996	2771592.346
E39	7+39.30	-49.29	LT	1057368.205	2771597.540
E40	7+39.46	-44.29	LT	1057363.206	2771597.472
E41	7+44.30	-49.44	LT	1057368.138	2771602.539
E42	7+44.45	-44.45	LT	1057363.138	2771602.472
E43	7+52.29	-49.70	LT	1057368.030	2771610.538
E44	7+52.45	-44.70	LT	1057363.030	2771610.471
E45	7+64.97	-50.10	LT	1057367.859	2771623.223
E46	7+58.41	-44.89	LT	1057362.950	2771616.437
E47	7+48.97	-40.59	LT	1057359.079	2771606.808
E48	7+50.04	-37.79	LT	1057356.233	2771607.755
E49	7+68.17	-54.20	LT	1057371.813	2771626.601
E50	7+70.46	-52.26	LT	1057369.771	2771628.799
E51	8+24.78	-54.01	LT	1057369.070	2771683.144
E52	8+25.32	-47.01	LT	1057362.052	2771683.373
E53	8+30.86	-54.00	LT	1057368.789	2771689.223
E54	8+30.86	-47.00	LT	1057361.797	2771688.900
E55	8+38.86	-54.00	LT	1057368.421	2771697.214
E56	8+38.86	-47.00	LT	1057361.428	2771696.892
E57	8+43.86	-53.99	LT	1057368.190	2771702.209
E58	8+54.32	-51.48	LT	1057365.211	2771712.541
E59	8+54.31	-42.48	LT	1057356.220	2771712.126
E60	8+25.20	-57.01	LT	1057372.047	2771683.701
E61	8+22.20	-56.93	LT	1057372.105	2771680.702
E62	8+22.40	-49.24	LT	1057364.415	2771680.554
E63	8+32.39	-39.50	LT	1057354.234	2771690.091
E64	8+32.39	-42.00	LT	1057356.731	2771690.207
E65	8+54.31	-39.48	LT	1057353.224	2771711.988

SCALE

0 20 40 60

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

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

DATE PREPARED 11/14/2025

ROUTE VAR. | STATE MO
DISTRICT KC | SHEET NO. 60
COUNTY JACKSON
JOB NO. J4P3268H
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

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

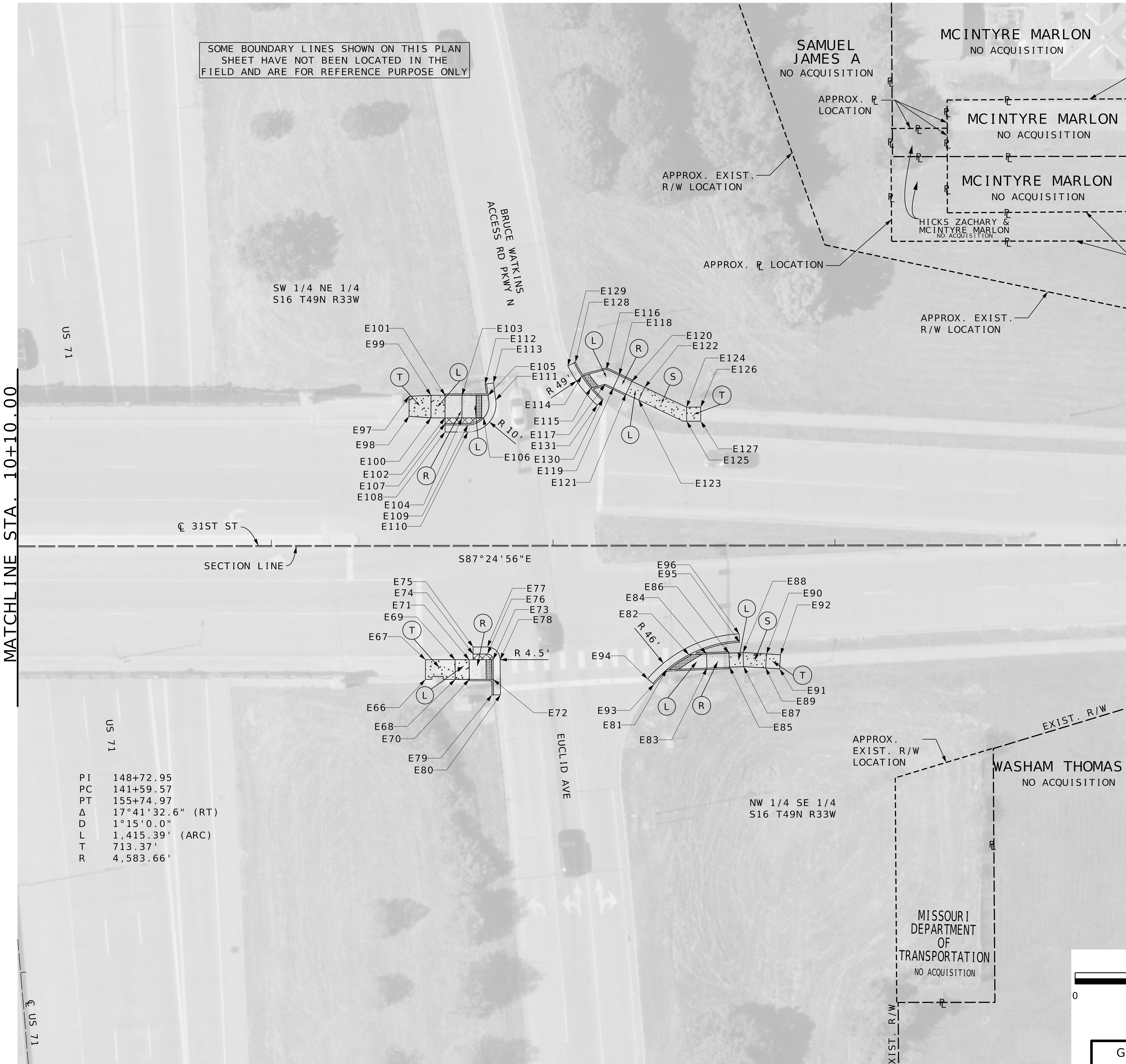
olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

GEOMETRIC SHEET
9 OF 35
US 71 AT 31ST ST.
SHEET 1 OF 2

31ST STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
E66	11+54.66	47.57	RT	1057252.717	2772008.109
E67	11+54.67	40.57	RT	1057259.710	2772008.432
E68	11+65.23	47.58	RT	1057252.230	2772018.672
E69	11+65.15	40.58	RT	1057259.226	2772018.907
E70	11+70.23	47.59	RT	1057251.999	2772023.667
E71	11+70.15	40.59	RT	1057258.996	2772023.902
E72	11+78.73	47.60	RT	1057251.607	2772032.159
E73	11+78.65	40.60	RT	1057258.604	2772032.394
E74	11+71.57	38.59	RT	1057260.929	2772025.407
E75	11+71.57	36.09	RT	1057263.426	2772025.522
E76	11+76.65	38.59	RT	1057260.694	2772030.480
E77	11+76.65	36.09	RT	1057263.192	2772030.595
E78	11+81.15	40.57	RT	1057258.520	2772034.892
E79	11+78.30	53.10	RT	1057246.133	2772031.475
E80	11+81.30	53.07	RT	1057246.026	2772034.473
E81	12+40.28	44.22	RT	1057252.204	2772093.795
E82	12+48.18	38.91	RT	1057257.157	2772101.923
E83	12+54.56	43.66	RT	1057252.121	2772108.090
E84	12+54.37	38.66	RT	1057257.121	2772108.119
E85	12+62.56	43.35	RT	1057252.074	2772116.090
E86	12+62.36	38.35	RT	1057257.074	2772116.119
E87	12+67.55	43.15	RT	1057252.045	2772121.090
E88	12+67.36	38.15	RT	1057257.045	2772121.119
E89	12+75.37	43.63	RT	1057251.209	2772128.874
E90	12+75.68	38.64	RT	1057256.180	2772129.408
E91	12+80.36	43.94	RT	1057250.675	2772133.845
E92	12+80.67	38.95	RT	1057255.646	2772134.379
E93	12+35.76	49.40	RT	1057247.232	2772089.050
E94	12+33.49	47.45	RT	1057249.288	2772086.866
E95	12+66.14	34.49	RT	1057260.756	2772120.064
E96	12+65.98	31.50	RT	1057263.756	2772120.044
E97	11+48.95	-52.86	LT	1057353.302	2772006.937
E98	11+48.95	-45.77	LT	1057346.222	2772006.611
E99	11+56.72	-53.18	LT	1057353.270	2772014.710
E100	11+56.71	-45.18	LT	1057345.278	2772014.341
E101	11+61.72	-53.17	LT	1057353.039	2772019.704
E102	11+61.71	-45.17	LT	1057345.048	2772019.336
E103	11+67.72	-53.16	LT	1057352.763	2772025.698
E104	11+67.71	-45.16	LT	1057344.771	2772025.329
E105	11+76.98	-53.16	LT	1057352.336	2772034.951
E106	11+75.40	-45.16	LT	1057344.417	2772033.012
E107	11+61.71	-43.17	LT	1057343.050	2772019.244
E108	11+61.71	-40.17	LT	1057340.053	2772019.105
E109	11+69.81	-42.66	LT	1057342.177	2772027.313
E110	11+69.81	-40.16	LT	1057339.680	2772027.198
E111	11+79.73	-51.49	LT	1057350.550	2772037.620
E112	11+75.93	-57.16	LT	1057356.380	2772034.082
E113	11+78.90	-57.57	LT	1057356.655	2772037.069
E114	12+10.23	-59.99	LT	1057357.660	2772068.472
E115	12+13.41	-55.67	LT	1057353.205	2772071.459
E116	12+19.01	-62.37	LT	1057359.648	2772077.356
E117	12+18.54	-57.06	LT	1057354.365	2772076.643
E118	12+23.53	-60.23	LT	1057357.301	2772081.772
E119	12+21.39	-55.71	LT	1057352.886	2772079.425
E120	12+28.05	-58.08	LT	1057354.955	2772086.187
E121	12+25.90	-53.57	LT	1057350.540	2772083.840
E122	12+32.56	-55.94	LT	1057352.608	2772090.602
E123	12+30.42	-51.42	LT	1057348.193	2772088.255
E124	12+47.41	-48.89	LT	1057344.896	2772105.112
E125	12+47.44	-43.90	LT	1057339.918	2772104.919
E126	12+52.41	-48.92	LT	1057344.703	2772110.108
E127	12+52.44	-43.92	LT	1057339.707	2772109.915
E128	12+07.98	-64.91	LT	1057362.684	2772066.452
E129	12+05.30	-63.58	LT	1057361.471	2772063.708
E130	12+17.76	-51.79	LT	1057349.128	2772075.631
E131	12+15.72	-49.59	LT	1057347.031	2772073.485

MATCHLINE STA. 10+10.00



SCALE
0 20 40 60

RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

Jonathan W. Peitz
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	61
COUNTY	JACKSON
JOB NO.	J4P3268H
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)

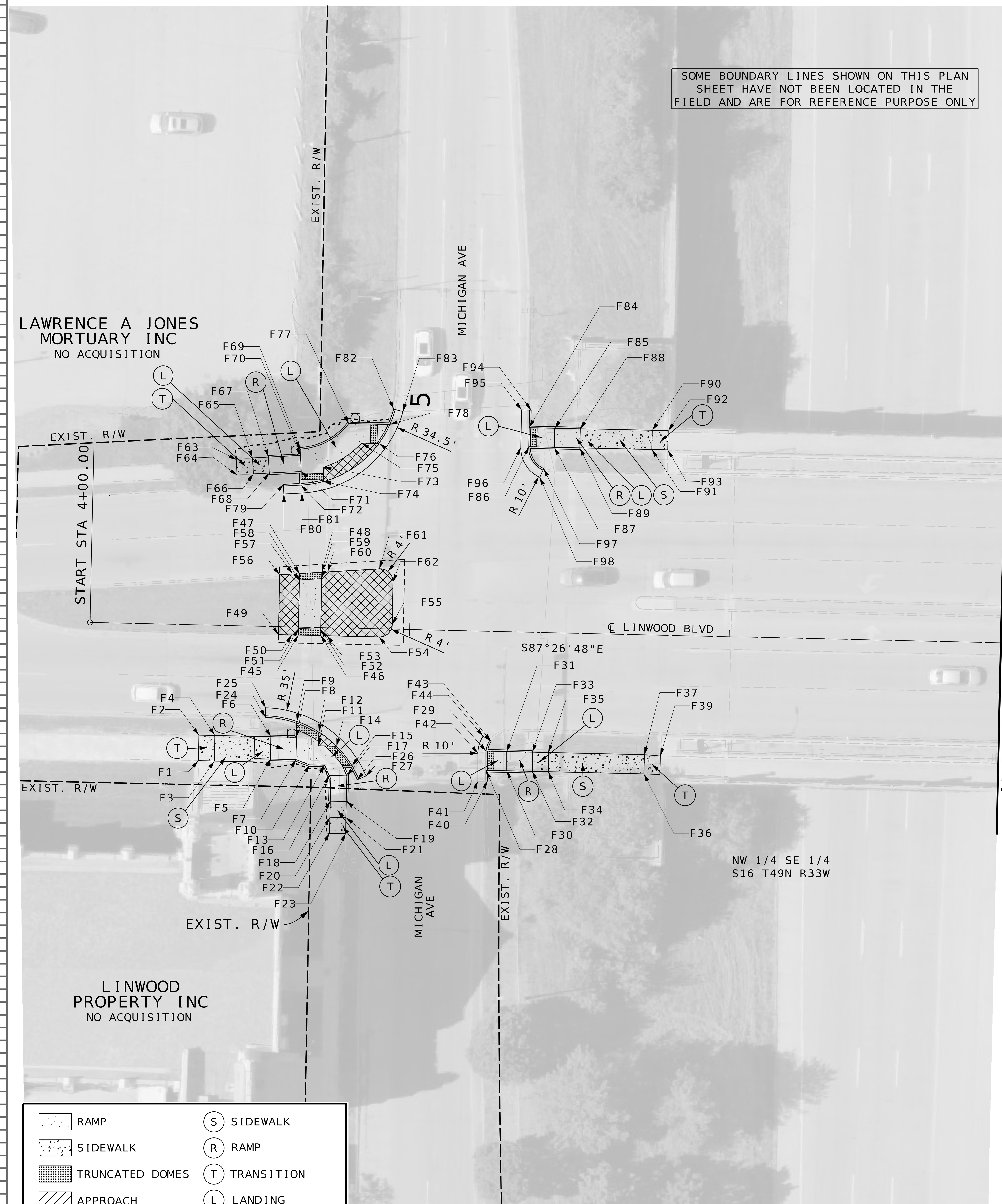
olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

GEOMETRIC SHEET
10 OF 35
US 71 AT 31ST ST.
SHEET 2 OF 2

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\061_SS_10_31st St_J4P3268H_I20.dgn 3:43:33 PM 11/14/2025

LINWOOD BLVD

POINT	STA	OFF	SIDE	NORTHING	EASTING
F1	4+34.86	42.50	RT	1056613.343	2771590.478
F2	4+34.86	34.50	RT	1056621.335	2771590.835
F3	4+39.86	42.50	RT	1056613.120	2771595.473
F4	4+39.86	34.50	RT	1056621.112	2771595.830
F5	4+57.36	41.50	RT	1056613.340	2771613.000
F6	4+57.36	34.50	RT	1056620.333	2771613.312
F7	4+65.36	41.50	RT	1056612.983	2771620.992
F8	4+65.36	34.50	RT	1056619.976	2771621.301
F9	4+65.34	29.52	RT	1056624.952	2771621.504
F10	4+69.65	43.00	RT	1056611.294	2771625.209
F11	4+72.37	37.00	RT	1056617.166	2771628.197
F12	4+72.35	32.70	RT	1056621.460	2771628.370
F13	4+74.36	43.00	RT	1056611.084	2771629.914
F14	4+77.97	37.00	RT	1056616.917	2771633.783
F15	4+82.90	43.00	RT	1056610.703	2771638.447
F16	4+75.88	46.25	RT	1056607.769	2771631.292
F17	4+81.41	46.25	RT	1056607.523	2771636.809
F18	4+76.40	54.25	RT	1056599.754	2771631.447
F19	4+81.40	54.25	RT	1056599.532	2771636.442
F20	4+76.39	59.25	RT	1056594.760	2771631.218
F21	4+81.39	59.25	RT	1056594.537	2771636.213
F22	4+76.37	64.31	RT	1056589.701	2771630.970
F23	4+81.46	64.26	RT	1056589.527	2771636.061
F24	4+55.52	28.50	RT	1056626.409	2771611.734
F25	4+55.52	25.50	RT	1056629.406	2771611.868
F26	4+84.68	47.34	RT	1056606.293	2771640.033
F27	4+87.42	46.10	RT	1056607.404	2771642.820
F28	5+24.86	43.50	RT	1056608.335	2771680.342
F29	5+24.76	37.50	RT	1056614.333	2771680.512
F30	5+31.36	43.50	RT	1056608.045	2771686.837
F31	5+31.23	37.50	RT	1056614.045	2771686.978
F32	5+39.36	43.50	RT	1056607.689	2771694.831
F33	5+39.24	37.50	RT	1056613.688	2771694.972
F34	5+44.36	43.50	RT	1056607.466	2771699.827
F35	5+44.24	37.50	RT	1056613.466	2771699.968
F36	5+74.29	43.50	RT	1056606.133	2771729.721
F37	5+74.29	37.50	RT	1056612.127	2771729.988
F38	5+79.29	37.76	RT	1056611.642	2771734.974
F39	5+79.29	37.76	RT	1056611.642	2771734.974
F40	5+25.43	46.85	RT	1056604.964	2771680.764
F41	5+22.43	46.91	RT	1056605.035	2771677.764
F42	5+22.25	38.21	RT	1056613.735	2771677.968
F43	5+26.26	34.37	RT	1056617.394	2771682.149
F44	5+23.70	32.81	RT	1056619.063	2771679.656
F45	4+65.22	2.50	RT	1056651.951	2771622.589
F46	4+72.22	2.50	RT	1056651.639	2771629.582
F47	4+65.14	-16.75	LT	1056671.182	2771623.362
F48	4+72.13	-17.30	LT	1056671.427	2771630.378
F49	4+59.06	2.50	RT	1056652.225	2771616.431
F50	4+63.21	2.50	RT	1056652.040	2771620.583
F51	4+65.21	0.49	RT	1056653.958	2771622.670
F52	4+72.21	0.51	RT	1056653.629	2771629.662
F53	4+74.21	2.50	RT	1056651.550	2771631.572
F54	4+90.54	2.50	RT	1056650.823	2771647.882
F55	4+94.54	-1.52	LT	1056654.662	2771652.057
F56	4+58.91	-16.25	LT	1056670.963	2771617.120
F57	4+62.99	-16.57	LT	1056671.106	2771621.207
F58	4+65.15	-14.59	LT	1056669.027	2771623.276
F59	4+72.14	-15.45	LT	1056669.574	2771630.303
F60	4+73.98	-17.45	LT	1056671.492	2771632.232
F61	4+90.15	-18.74	LT	1056672.059	2771648.441
F62	4+94.47	-14.77	LT	1056667.904	2771652.577
F63	4+44.59	-51.93	LT	1056707.248	2771604.404
F64	4+44.94	-47.09	LT	1056702.395	2771604.539
F65	4+49.67	-52.57	LT	1056707.655	2771609.505
F66	4+50.04	-47.58	LT	1056702.658	2771609.651
F67	4+54.65	-52.94	LT	1056707.802	2771614.502
F68	4+55.02	-47.95	LT	1056702.804	2771614.649
F69	4+64.45	-55.67	LT	1056710.094	2771624.413
F70	4+64.61	-53.67	LT	1056708.095	2771624.479
F71	4+65.00	-48.69	LT	1056703.097	2771624.645
F72	4+65.02	-44.43	LT	1056698.841	2771624.474
F73	4+71.99	-50.15	LT	1056704.246	2771631.697
F74	4+72.01	-45.69	LT	1056699.790	2771631.518
F75	4+83.68	-58.00	LT	1056711.569	2771643.722
F76	4+89.08	-58.00	LT	1056711.328	2771649.117
F77	4+79.54	-64.00	LT	1056717.747	2771639.852
F78	4+92.38	-64.00	LT	1056717.175	2771652.687
F79	4+59.53	-44.52	LT	1056699.180	2771618.995
F80	4+59.75	-41.53	LT	1056696.181	2771619.083
F81	4+65.41	-41.95	LT	1056696.348	2771624.760
F82	4+93.46	-68.85	LT	1056721.977	2771653.978
F83	4+96.37	-68.14	LT	1056721.133	2771656.857
F84	5+35.99	-64.00	LT	1056715.232	2771696.246
F85	5+43.99	-64.00	LT	1056714.876	2771704.238
F86	5+36.01	-58.00	LT	1056709.237	2771696.005
F87	5+43.99	-58.00	LT	1056708.882	2771703.971
F88	5+51.99	-64.00	LT	1056714.520	2771712.230
F89	5+51.99	-58.00	LT	1056708.526	2771711.963
F90	5+74.49	-64.00	LT	1056713.517	2771734.708
F91	5+74.49	-58.00	LT	1056707.523	2771734.441
F92	5+79.49	-64.00	LT	1056713.295	2771739.703
F93	5+79.49	-58.00	LT	1056707.301	2771739.436
F94	5+36.46	-69.50	LT	1056720.706	2771696.967
F95	5+33.46	-69.50	LT	1056720.839	2771693.970
F96	5+33.51	-57.71	LT	1056709.055	2771693.495
F97	5+40.79	-51.30	LT	1056702.332	2771700.480
F98	5+39.62	-48.54	LT	1056699.623	2771699.191



RAMP
SIDEWALK
TRUNCATED DOMES
APPROACH
CONCRETE MEDIAN
(S) SIDEWALK
(R) RAMP
(T) TRANSITION
(L) LANDING

SCALE
0 20 40 60

GEOMETRIC SHEET
11 OF 35
US 71 AT LINWOOD BLVD.
SHEET 1 OF 2

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

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	62
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION
DATE

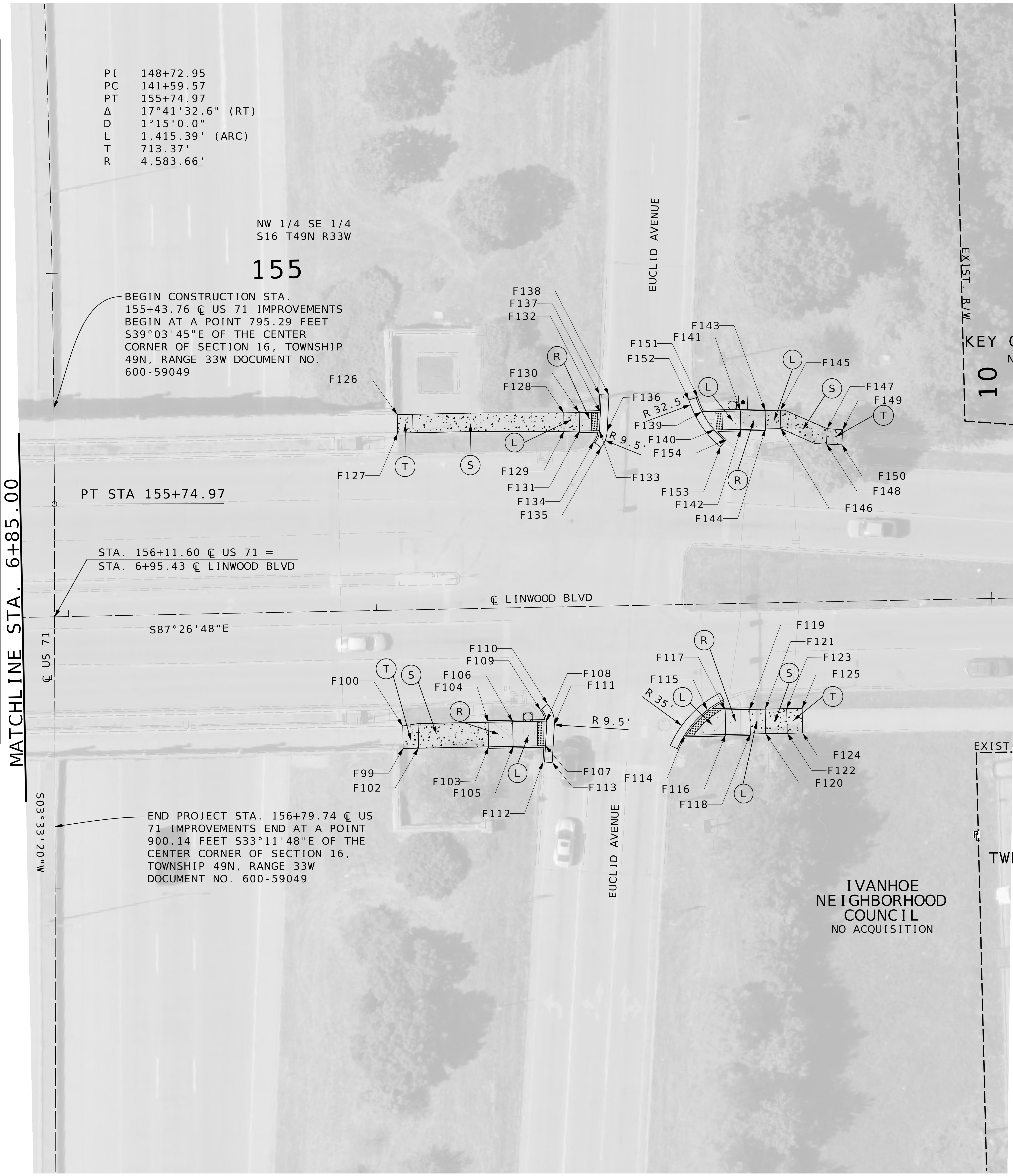
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\062_SS_11_Linwood Blvd_J4P3268H_I20.dgn 4:06:10 PM 11/14/2025

LINWOOD BLVD

POINT	STA	OFF	SIDE	NORTHING	EASTING
F99	8+07.82	45.00	RT	1056594.231	2771962.958
F100	8+07.84	37.69	RT	1056601.536	2771963.297
F101	8+12.82	45.00	RT	1056594.008	2771967.953
F102	8+12.82	45.00	RT	1056594.008	2771967.953
F103	8+35.57	45.00	RT	1056592.995	2771990.680
F104	8+43.57	37.00	RT	1056600.631	2771999.029
F105	8+43.57	45.00	RT	1056592.639	2771998.672
F106	8+35.57	37.00	RT	1056600.987	2771991.037
F107	8+54.08	45.00	RT	1056592.171	2772009.163
F108	8+54.62	37.00	RT	1056600.139	2772010.061
F109	8+52.67	33.39	RT	1056603.827	2772008.281
F110	8+55.00	31.50	RT	1056605.616	2772010.689
F111	8+57.11	38.23	RT	1056598.796	2772012.493
F112	8+53.17	50.27	RT	1056586.948	2772008.021
F113	8+56.16	50.50	RT	1056586.583	2772010.998
F114	8+99.28	42.50	RT	1056592.654	2772054.440
F115	9+06.84	34.50	RT	1056600.310	2772062.349
F116	9+12.69	42.50	RT	1056592.057	2772067.832
F117	9+12.69	34.50	RT	1056600.049	2772068.188
F118	9+20.69	42.50	RT	1056591.701	2772075.824
F119	9+20.69	34.50	RT	1056599.693	2772076.180
F120	9+25.69	42.50	RT	1056591.478	2772080.819
F121	9+25.69	34.50	RT	1056599.470	2772081.175
F122	9+32.69	42.50	RT	1056591.166	2772087.812
F123	9+32.69	34.50	RT	1056599.158	2772088.168
F124	9+37.69	42.50	RT	1056590.943	2772092.807
F125	9+37.69	34.50	RT	1056598.935	2772093.163
F126	8+08.04	-63.50	LT	1056702.614	2771968.004
F127	8+08.04	-57.50	LT	1056696.620	2771967.737
F128	8+62.13	-63.00	LT	1056699.705	2772022.024
F129	8+62.13	-57.00	LT	1056693.709	2772021.756
F130	8+67.13	-63.00	LT	1056699.482	2772027.019
F131	8+67.13	-57.00	LT	1056693.488	2772026.752
F132	8+74.03	-63.00	LT	1056699.174	2772033.913
F133	8+73.63	-57.00	LT	1056693.198	2772033.246
F134	8+71.69	-53.39	LT	1056689.683	2772031.145
F135	8+74.02	-51.50	LT	1056687.687	2772033.384
F136	8+76.13	-56.87	LT	1056692.956	2772035.735
F137	8+73.91	-68.70	LT	1056704.874	2772034.046
F138	8+76.91	-68.50	LT	1056704.541	2772037.027
F139	9+07.03	-62.50	LT	1056697.205	2772066.856
F140	9+10.90	-56.50	LT	1056691.039	2772070.450
F141	9+19.55	-62.50	LT	1056696.647	2772079.361
F142	9+19.55	-56.50	LT	1056690.653	2772079.094
F143	9+27.55	-62.50	LT	1056696.291	2772087.353
F144	9+27.55	-56.50	LT	1056690.297	2772087.086
F145	9+32.55	-62.50	LT	1056696.068	2772092.348
F146	9+32.55	-56.50	LT	1056690.074	2772092.081
F147	9+47.61	-56.19	LT	1056689.089	2772107.116
F148	9+47.28	-51.20	LT	1056684.119	2772106.562
F149	9+52.60	-55.76	LT	1056688.447	2772112.075
F150	9+52.27	-50.86	LT	1056683.559	2772111.531
F151	9+05.72	-67.25	LT	1056702.010	2772065.758
F152	9+02.84	-66.40	LT	1056701.287	2772062.846
F153	9+12.80	-51.00	LT	1056685.459	2772072.109
F154	9+14.76	-53.27	LT	1056687.643	2772074.165



	RAMP	S	SIDEWALK
	SIDEWALK	R	RAMP
	TRUNCATED DOMES	T	TRANSITION
	APPROACH	L	LANDING
	CONCRETE MEDIAN		

SCALE
0 20 40 60

Jonathan Peitz
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER
PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 63
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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

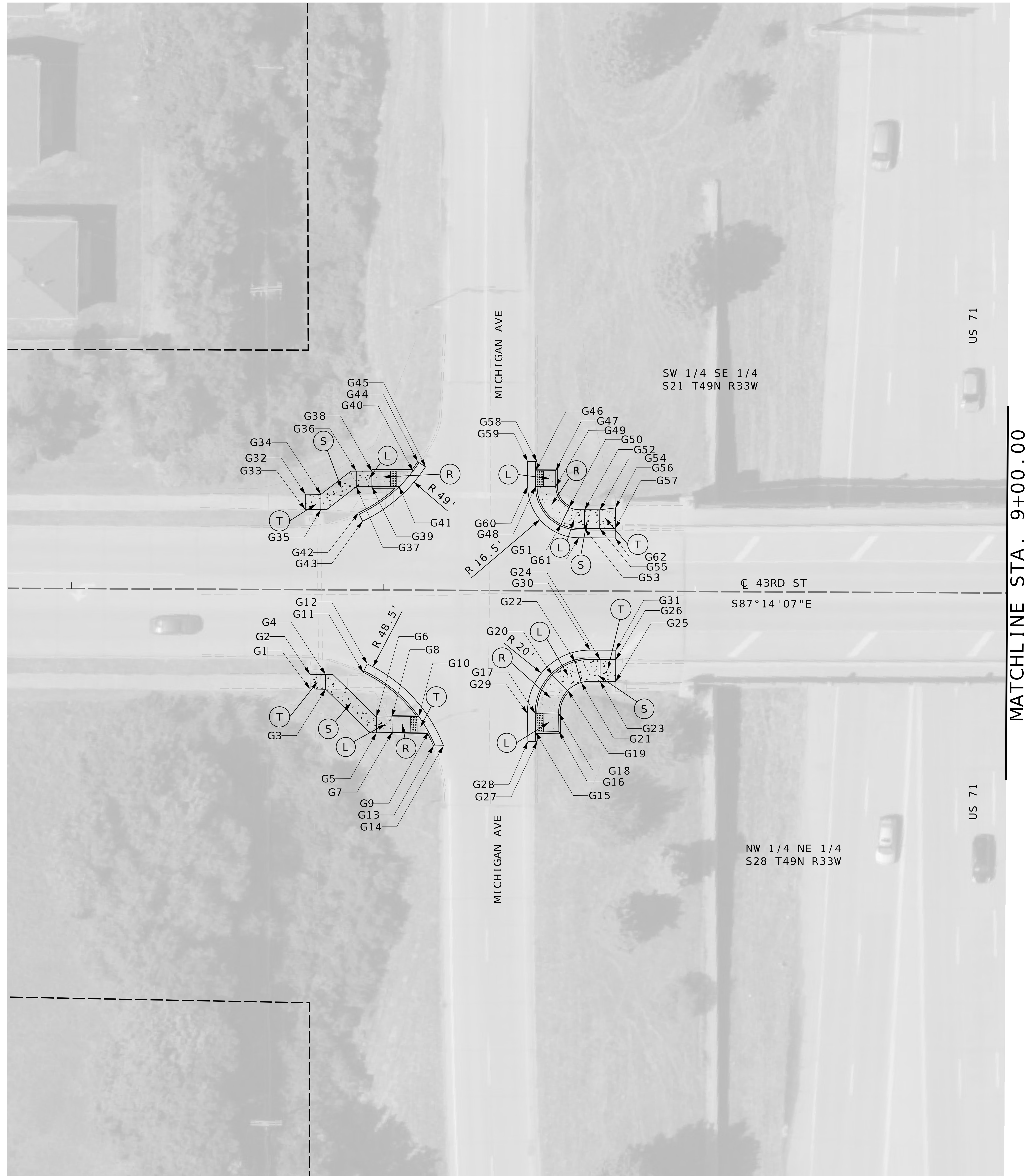
olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

GEOMETRIC SHEET
12 OF 35
US 71 AT LINWOOD BLVD.
SHEET 2 OF 2

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\063_SS_12_Linwood Blvd_J4P3268H_I20.dgn 3:44:56 PM 11/14/2025

43RD STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
G1	6+76.71	31.82	RT	1049419.400	2771195.286
G2	6+76.68	27.12	RT	1049424.093	2771195.478
G3	6+81.71	31.90	RT	1049419.074	2771200.277
G4	6+81.68	27.15	RT	1049423.820	2771200.471
G5	6+98.10	45.76	RT	1049404.443	2771215.973
G6	6+98.00	40.76	RT	1049409.441	2771216.118
G7	7+03.10	45.66	RT	1049404.298	2771220.971
G8	7+03.00	40.67	RT	1049409.296	2771221.116
G9	7+14.76	45.44	RT	1049403.960	2771232.632
G10	7+11.61	40.50	RT	1049409.046	2771229.725
G11	6+93.73	26.42	RT	1049423.972	2771212.543
G12	6+95.00	23.70	RT	1049426.626	2771213.942
G13	7+16.38	49.91	RT	1049399.417	2771234.030
G14	7+19.59	49.85	RT	1049399.324	2771237.245
G15	7+49.06	45.28	RT	1049402.465	2771266.898
G16	7+56.56	45.14	RT	1049402.247	2771274.394
G17	7+48.94	39.28	RT	1049408.462	2771267.072
G18	7+56.44	39.14	RT	1049408.245	2771274.568
G19	7+59.34	31.91	RT	1049415.327	2771277.808
G20	7+54.36	26.98	RT	1049420.488	2771273.079
G21	7+63.63	29.35	RT	1049417.676	2771282.222
G22	7+61.67	22.63	RT	1049424.482	2771280.583
G23	7+69.68	28.95	RT	1049417.785	2771288.278
G24	7+69.68	21.95	RT	1049424.777	2771288.620
G25	7+74.68	28.95	RT	1049417.541	2771293.272
G26	7+74.68	21.95	RT	1049424.532	2771293.614
G27	7+49.62	48.27	RT	1049399.452	2771267.310
G28	7+46.62	48.33	RT	1049399.539	2771264.312
G29	7+46.44	39.33	RT	1049408.535	2771264.573
G30	7+66.45	18.95	RT	1049427.931	2771285.541
G31	7+74.68	18.95	RT	1049427.529	2771293.761
G32	6+74.90	-30.61	LT	1049481.845	2771196.491
G33	6+74.89	-25.71	LT	1049476.950	2771196.238
G34	6+79.90	-30.59	LT	1049481.587	2771201.484
G35	6+79.89	-25.69	LT	1049476.692	2771201.231
G36	6+91.19	-38.08	LT	1049488.524	2771213.113
G37	6+91.22	-33.08	LT	1049483.528	2771212.905
G38	6+96.19	-38.12	LT	1049488.316	2771218.109
G39	6+96.22	-33.12	LT	1049483.320	2771217.901
G40	7+09.37	-38.20	LT	1049487.767	2771231.282
G41	7+04.94	-33.17	LT	1049482.957	2771226.615
G42	6+92.02	-24.76	LT	1049475.175	2771213.304
G43	6+93.30	-22.05	LT	1049472.405	2771214.454
G44	7+10.88	-41.21	LT	1049490.701	2771232.936
G45	7+13.39	-39.58	LT	1049488.942	2771235.367
G46	7+48.65	-38.46	LT	1049486.132	2771270.534
G47	7+55.15	-38.51	LT	1049485.861	2771277.028
G48	7+48.69	-33.46	LT	1049481.136	2771270.325
G49	7+55.19	-33.51	LT	1049480.866	2771276.820
G50	7+59.50	-26.77	LT	1049473.927	2771280.801
G51	7+56.95	-21.34	LT	1049468.625	2771277.991
G52	7+64.45	-26.06	LT	1049472.976	2771285.710
G53	7+64.44	-20.06	LT	1049466.983	2771285.417
G54	7+69.34	-26.05	LT	1049472.737	2771290.597
G55	7+69.34	-20.05	LT	1049466.744	2771290.304
G56	7+74.34	-26.67	LT	1049473.116	2771295.621
G57	7+74.34	-20.05	LT	1049466.500	2771295.298
G58	7+49.13	-41.47	LT	1049489.108	2771271.158
G59	7+46.13	-41.45	LT	1049489.233	2771268.161
G60	7+46.19	-33.45	LT	1049481.240	2771267.828
G61	7+62.68	-17.06	LT	1049464.073	2771283.507
G62	7+74.33	-17.05	LT	1049463.504	2771295.151



RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

SCALE
0 20 40 60

GEOMETRIC SHEET
13 OF 35
US 71 AT 43RD ST.
SHEET 1 OF 2

Jonathan Peitz
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER
PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

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

DATE PREPARED: 11/14/2025
ROUTE: VAR. | STATE: MO
DISTRICT: KC | SHEET NO. 64
COUNTY: JACKSON
JOB NO. J4P3268H
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

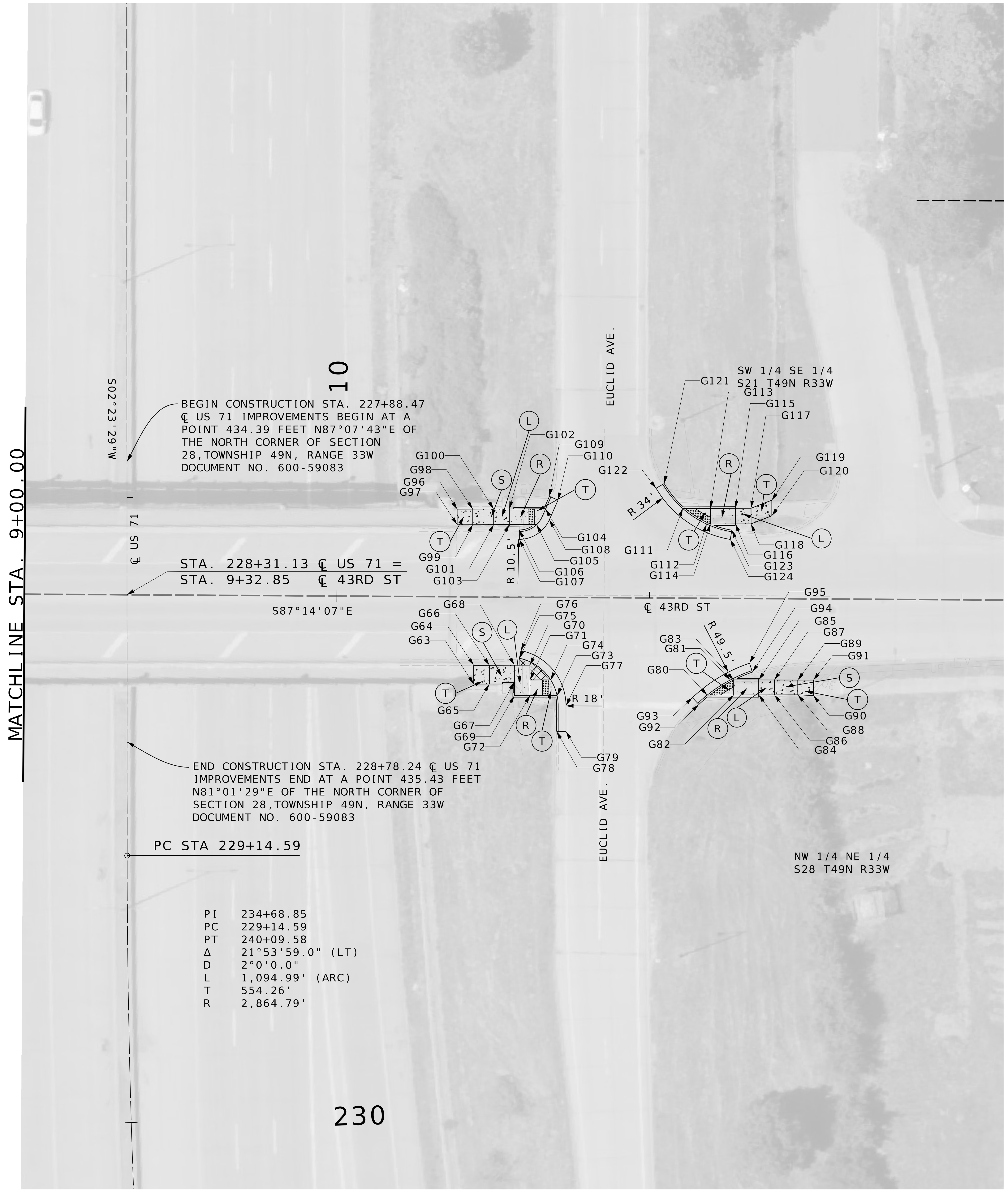
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

43RD STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
G63	10+43.97	27.89	RT	1049405.613	2771562.300
G64	10+43.91	21.89	RT	1049411.608	2771562.535
G65	10+48.96	27.84	RT	1049405.416	2771567.296
G66	10+48.91	21.84	RT	1049411.412	2771567.532
G67	10+56.96	27.27	RT	1049405.602	2771575.309
G68	10+56.91	21.77	RT	1049411.097	2771575.525
G69	10+57.00	31.52	RT	1049401.355	2771575.143
G70	10+61.91	21.73	RT	1049410.901	2771580.522
G71	10+61.95	26.48	RT	1049406.155	2771580.335
G72	10+62.00	31.48	RT	1049401.159	2771580.139
G73	10+70.65	31.40	RT	1049400.819	2771588.789
G74	10+68.58	26.42	RT	1049405.895	2771586.954
G75	10+58.53	19.58	RT	1049413.213	2771577.249
G76	10+59.01	17.12	RT	1049415.639	2771577.851
G77	10+73.53	34.65	RT	1049397.430	2771591.502
G78	10+70.59	42.91	RT	1049389.324	2771588.166
G79	10+73.59	42.89	RT	1049389.201	2771591.163
G80	11+18.71	30.97	RT	1049398.931	2771636.811
G81	11+26.05	26.08	RT	1049403.454	2771644.377
G82	11+27.18	30.89	RT	1049398.599	2771645.274
G83	11+27.14	26.08	RT	1049403.406	2771645.463
G84	11+35.18	30.82	RT	1049398.285	2771653.268
G85	11+35.14	26.04	RT	1049403.055	2771653.455
G86	11+40.18	30.77	RT	1049398.088	2771658.264
G87	11+40.14	26.02	RT	1049402.836	2771658.450
G88	11+47.68	30.71	RT	1049397.794	2771665.756
G89	11+47.64	25.99	RT	1049402.508	2771665.941
G90	11+52.68	30.92	RT	1049397.344	2771670.742
G91	11+52.64	25.97	RT	1049402.289	2771670.936
G92	11+16.04	33.99	RT	1049396.040	2771634.000
G93	11+13.96	31.83	RT	1049398.299	2771632.026
G94	11+33.14	23.53	RT	1049405.667	2771651.580
G95	11+32.16	20.69	RT	1049408.547	2771650.740
G96	10+38.31	-28.05	LT	1049461.753	2771559.348
G97	10+38.35	-23.05	LT	1049456.757	2771559.152
G98	10+43.31	-28.09	LT	1049461.557	2771564.345
G99	10+43.35	-23.09	LT	1049456.561	2771564.148
G100	10+50.00	-28.15	LT	1049461.294	2771571.034
G101	10+50.05	-23.15	LT	1049456.298	2771570.838
G102	10+55.00	-28.19	LT	1049461.097	2771576.030
G103	10+55.05	-23.20	LT	1049456.101	2771575.834
G104	10+66.62	-28.30	LT	1049460.641	2771587.643
G105	10+63.80	-23.27	LT	1049455.758	2771584.577
G106	10+58.27	-21.49	LT	1049454.245	2771578.970
G107	10+58.30	-18.49	LT	1049451.248	2771578.853
G108	10+67.83	-24.81	LT	1049457.096	2771588.683
G109	10+67.82	-32.31	LT	1049464.590	2771589.029
G110	10+70.57	-31.12	LT	1049463.265	2771591.721
G111	11+10.49	-28.69	LT	1049458.918	2771631.480
G112	11+18.16	-23.76	LT	1049453.623	2771638.897
G113	11+19.35	-28.77	LT	1049458.571	2771640.325
G114	11+19.39	-23.77	LT	1049453.575	2771640.129
G115	11+27.34	-28.84	LT	1049458.257	2771648.319
G116	11+27.39	-23.84	LT	1049453.260	2771648.123
G117	11+32.34	-28.89	LT	1049458.060	2771653.315
G118	11+32.39	-23.89	LT	1049453.064	2771653.119
G119	11+38.98	-31.52	LT	1049460.366	2771660.066
G120	11+39.02	-26.52	LT	1049455.370	2771659.870
G121	11+04.52	-36.64	LT	1049467.144	2771625.896
G122	11+01.94	-35.11	LT	1049465.741	2771623.244
G123	11+26.25	-21.83	LT	1049451.307	2771646.891
G124	11+25.78	-18.87	LT	1049448.372	2771646.271



RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

SCALE
0 20 40 60

GEOMETRIC SHEET
14 OF 35
US 71 AT 43RD ST.
SHEET 2 OF 2

Jonathan Peitz
2025.11.17
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER
PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ–CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED	
11/14/2025	
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 65
COUNTY JACKSON	
JOB NO. J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

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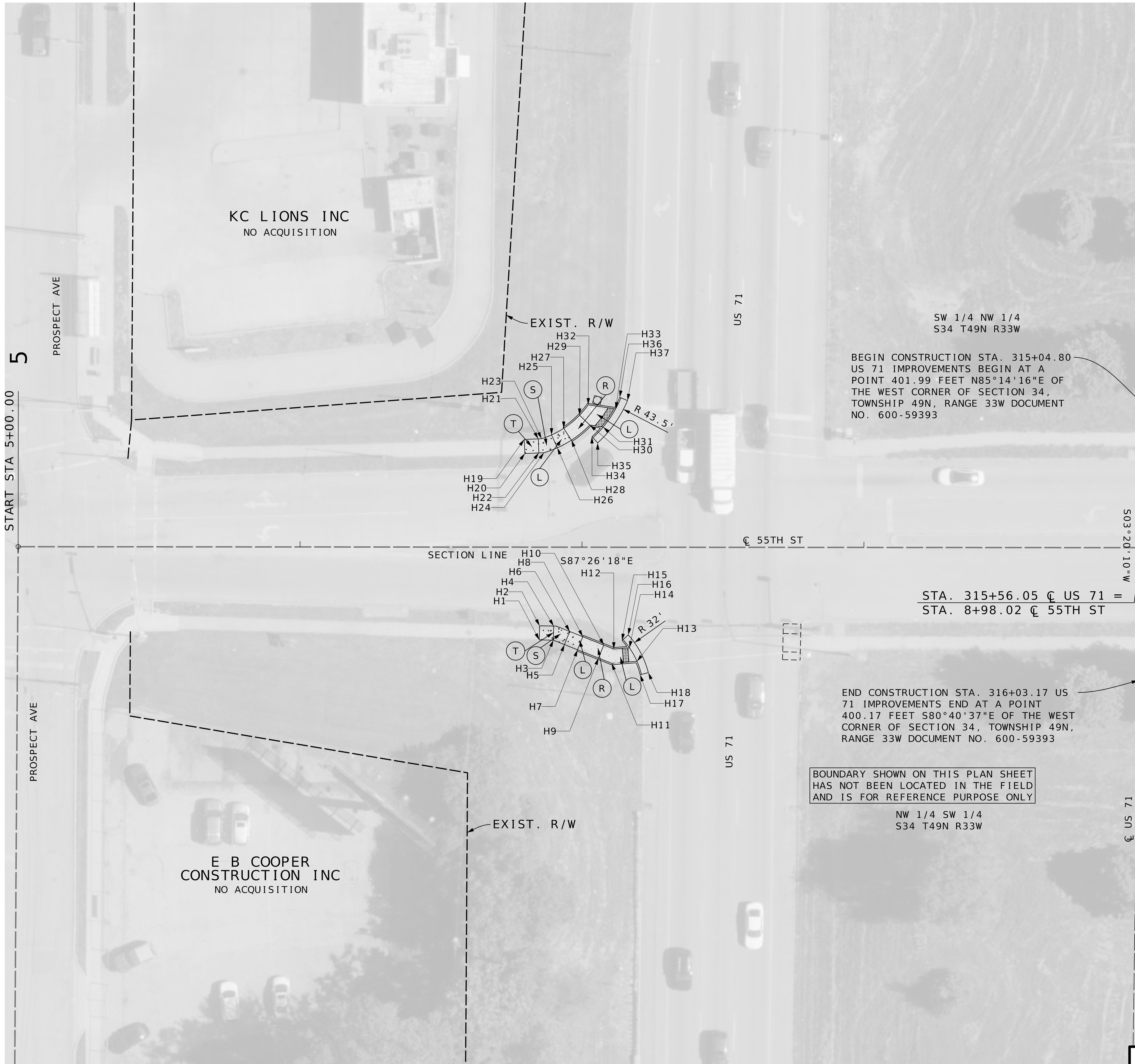
55TH STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
H1	6+84.87	32.90	RT	1041386.180	2773494.030
H2	6+84.97	27.90	RT	1041391.170	2773494.354
H3	6+89.87	33.00	RT	1041385.856	2773499.020
H4	6+89.97	28.00	RT	1041390.846	2773499.343
H5	6+93.81	34.56	RT	1041384.121	2773502.887
H6	6+95.65	29.91	RT	1041388.682	2773504.934
H7	6+98.46	36.40	RT	1041382.073	2773507.449
H8	7+00.30	31.75	RT	1041386.635	2773509.496
H9	7+05.90	39.34	RT	1041378.798	2773514.748
H10	7+07.74	34.70	RT	1041383.360	2773516.795
H11	7+10.55	41.19	RT	1041376.751	2773519.309
H12	7+11.31	36.11	RT	1041381.787	2773520.298
H13	7+19.54	40.48	RT	1041377.057	2773528.324
H14	7+16.87	35.67	RT	1041381.977	2773525.874
H15	7+14.21	33.08	RT	1041384.686	2773523.334
H16	7+16.45	31.09	RT	1041386.575	2773525.664
H17	7+20.64	45.24	RT	1041372.250	2773529.217
H18	7+23.55	44.51	RT	1041372.853	2773532.155
H19	6+79.46	-38.20	LT	1041457.444	2773491.800
H20	6+79.68	-33.20	LT	1041452.444	2773491.800
H21	6+84.45	-38.42	LT	1041457.444	2773496.800
H22	6+84.68	-33.43	LT	1041452.444	2773496.800
H23	6+85.62	-38.47	LT	1041457.444	2773497.971
H24	6+86.47	-33.51	LT	1041452.444	2773498.598
H25	6+89.16	-39.82	LT	1041458.627	2773501.564
H26	6+91.21	-35.25	LT	1041453.978	2773503.405
H27	6+93.48	-42.17	LT	1041460.787	2773505.988
H28	6+96.20	-37.98	LT	1041456.476	2773508.520
H29	6+99.10	-46.81	LT	1041465.172	2773511.811
H30	7+02.70	-43.34	LT	1041461.546	2773515.254
H31	7+07.45	-42.64	LT	1041460.631	2773519.962
H32	7+02.16	-50.50	LT	1041468.721	2773515.028
H33	7+11.87	-49.06	LT	1041466.848	2773524.669
H34	7+03.49	-39.22	LT	1041457.392	2773515.857
H35	7+05.52	-37.01	LT	1041455.097	2773517.789
H36	7+13.34	-53.20	LT	1041470.914	2773526.318
H37	7+16.10	-52.02	LT	1041469.620	2773529.025



SCALE

0 20 40 60

RAMP	(S) SIDEWALK
SIDEWALK	(R) RAMP
TRUNCATED DOMES	(T) TRANSITION
APPROACH	(L) LANDING
CONCRETE MEDIAN	

GEOMETRIC SHEET
15 OF 35
US 71 AT 55TH ST.
SHEET 1 OF 1

Jonathan Peitz 2025.11.17 08:01:53-06'00'
STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 66
COUNTY: JACKSON	
JOB NO.: J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

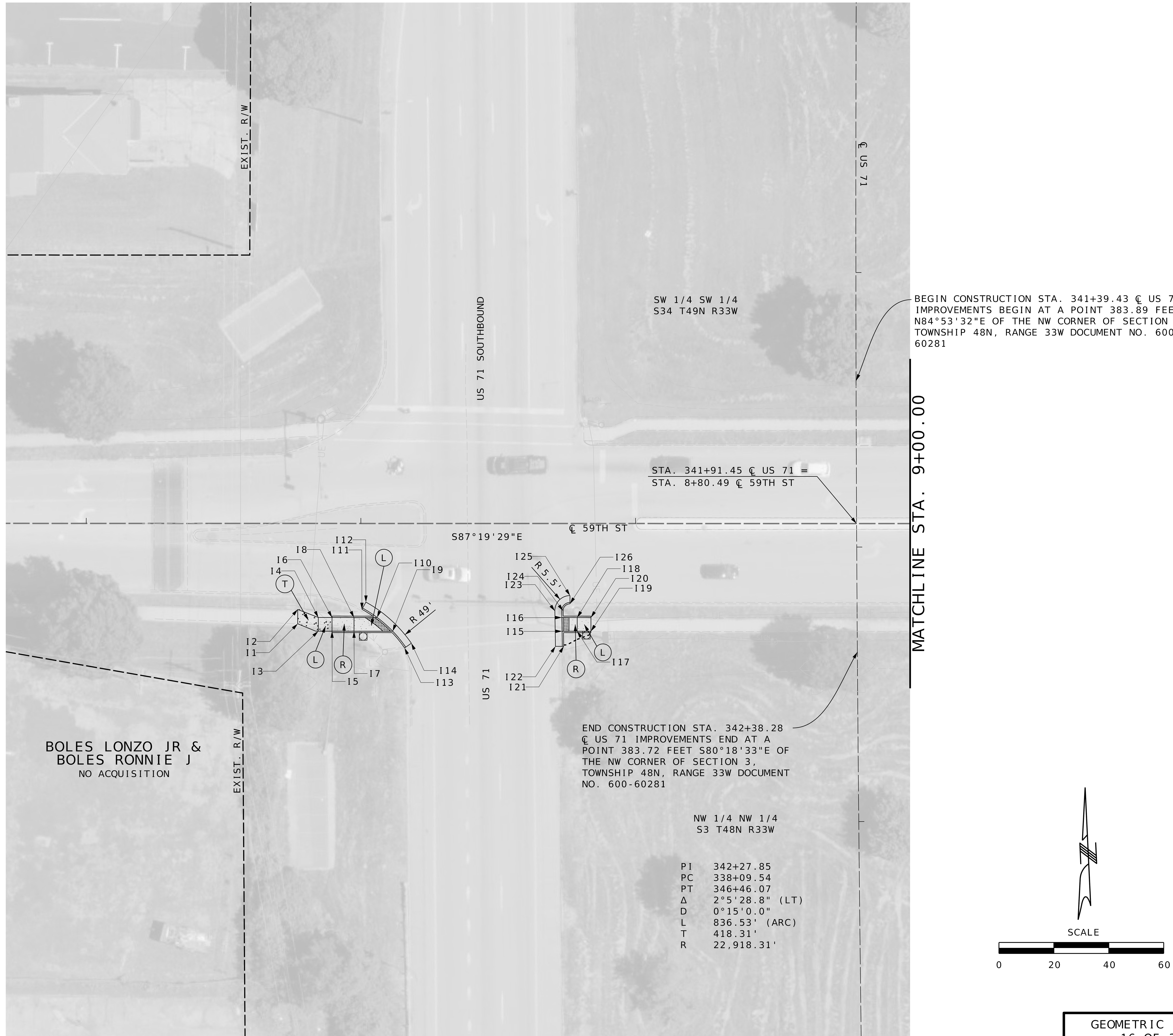
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

59TH STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
I1	6+77.01	36.53	RT	1038751.420	2773353.285
I2	6+77.01	31.33	RT	1038756.613	2773353.528
I3	6+84.51	39.25	RT	1038748.355	2773360.650
I4	6+84.51	34.25	RT	1038753.350	2773360.884
I5	6+89.51	39.25	RT	1038748.122	2773365.645
I6	6+89.51	34.25	RT	1038753.117	2773365.878
I7	6+97.51	39.25	RT	1038747.749	2773373.636
I8	6+97.51	34.25	RT	1038752.743	2773373.870
I9	7+11.59	39.25	RT	1038747.091	2773387.701
I10	7+05.93	34.25	RT	1038752.350	2773382.275
I11	7+00.39	31.26	RT	1038755.591	2773376.884
I12	7+01.84	28.64	RT	1038758.144	2773378.459
I13	7+15.92	45.33	RT	1038740.816	2773391.744
I14	7+18.39	43.62	RT	1038742.406	2773394.288
I15	7+73.27	39.25	RT	1038744.212	2773449.315
I16	7+73.18	34.25	RT	1038749.211	2773449.456
I17	7+78.77	39.25	RT	1038743.956	2773454.810
I18	7+78.77	34.25	RT	1038748.950	2773455.043
I19	7+83.77	39.25	RT	1038743.722	2773459.804
I20	7+83.77	34.25	RT	1038748.717	2773460.038
I21	7+73.88	44.75	RT	1038738.690	2773449.660
I22	7+70.87	44.75	RT	1038738.830	2773446.663
I23	7+70.64	31.85	RT	1038751.725	2773447.026
I24	7+73.63	31.80	RT	1038751.641	2773450.025
I25	7+76.13	26.25	RT	1038757.065	2773452.780
I26	7+76.13	29.25	RT	1038754.068	2773452.640



	RAMP	S	SIDEWALK
	SIDEWALK	R	RAMP
	TRUNCATED DOMES	T	TRANSITION
	APPROACH	L	LANDING
	CONCRETE MEDIAN		

Jonathan Peitz
2025.11.17 08:00:00-06'00'

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

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

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 67
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

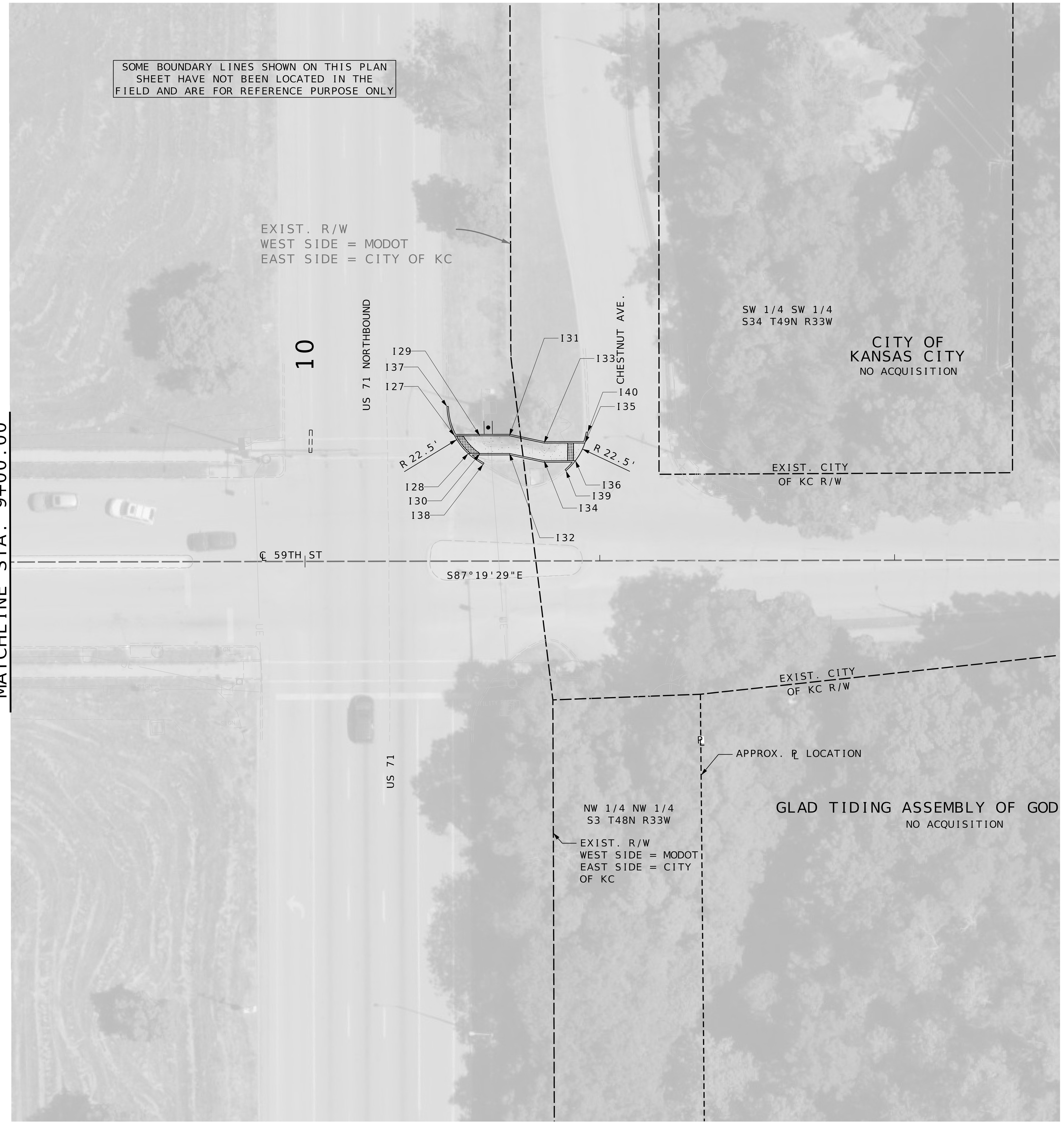
GEOMETRIC SHEET
16 OF 35
US 71 SB AT 59TH ST.
SHEET 1 OF 2

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\067_SS_16_E 59th St_J4P3268H_I20.dgn 3:48:03 PM 11/14/2025

59TH STREET

POINT	STA	OFF	SIDE	NORTHING	EASTING
I27	10+50.86	-42.50	LT	1038812.917	2773730.417
I28	10+55.44	-36.50	LT	1038806.709	2773734.713
I29	10+59.42	-42.50	LT	1038812.517	2773738.968
I30	10+59.42	-36.50	LT	1038806.524	2773738.688
I31	10+69.42	-42.50	LT	1038812.050	2773748.957
I32	10+69.42	-36.50	LT	1038806.057	2773748.677
I33	10+81.16	-40.00	LT	1038809.005	2773760.566
I34	10+81.16	-34.00	LT	1038803.012	2773760.286
I35	10+95.04	-40.00	LT	1038808.357	2773774.430
I36	10+91.79	-34.00	LT	1038802.516	2773770.906
I37	10+48.29	-52.49	LT	1038823.014	2773728.312
I38	10+60.52	-32.84	LT	1038802.813	2773739.618
I39	10+88.60	-30.59	LT	1038799.259	2773767.560
I40	10+96.01	-43.67	LT	1038811.974	2773775.573

MATCHLINE STA. 9+00.00



SCALE

0 20 40 60

RAMP		(S)	SIDEWALK
SIDEWALK		(R)	RAMP
TRUNCATED DOMES		(T)	TRANSITION
APPROACH		(L)	LANDING
CONCRETE MEDIAN			

GEOMETRIC SHEET
17 OF 35
US 71 NB AT 59TH ST.
SHEET 2 OF 2

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

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

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	68
COUNTY	JACKSON
JOB NO.	J4P3268H
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)

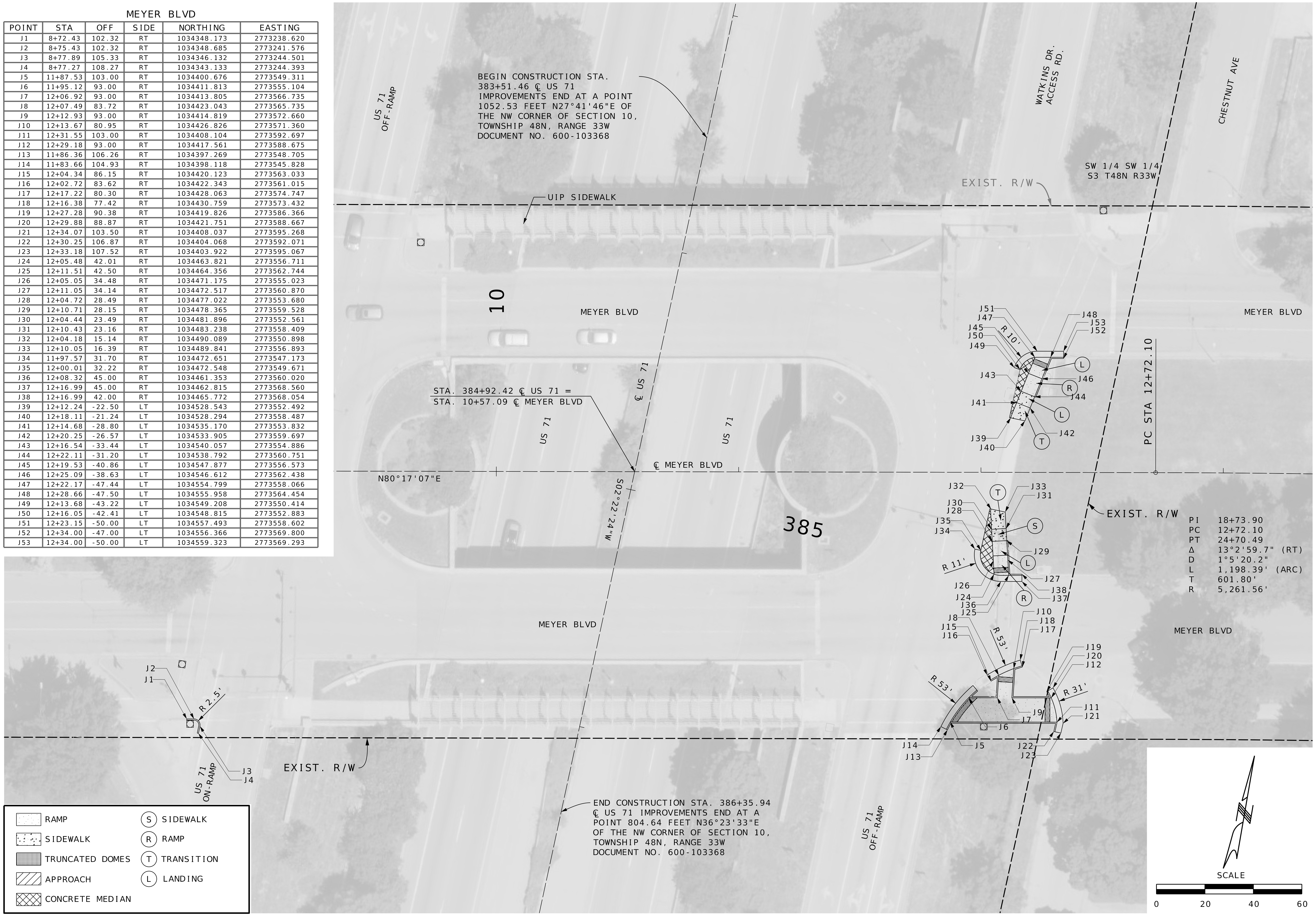
MoDOT

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\068_SS_17_E 59th St_J4P3268H_I20.dgn 3:48:39 PM 11/14/2025

MEYER BLVD

POINT	STA	OFF	SIDE	NORTHING	EASTING
J1	8+72.43	102.32	RT	1034348.173	2773238.620
J2	8+75.43	102.32	RT	1034348.685	2773241.576
J3	8+77.89	105.33	RT	1034346.132	2773244.501
J4	8+77.27	108.27	RT	1034343.133	2773244.393
J5	11+87.53	103.00	RT	1034400.676	2773549.311
J6	11+95.12	93.00	RT	1034411.813	2773555.104
J7	12+06.92	93.00	RT	1034413.805	2773566.735
J8	12+07.49	83.72	RT	1034423.043	2773565.735
J9	12+12.93	93.00	RT	1034414.819	2773572.660
J10	12+13.67	80.95	RT	1034426.826	2773571.360
J11	12+31.55	103.00	RT	1034408.104	2773592.697
J12	12+29.18	93.00	RT	1034417.561	2773588.675
J13	11+86.36	106.26	RT	1034397.269	2773548.705
J14	11+83.66	104.93	RT	1034398.118	2773545.828
J15	12+04.34	86.15	RT	1034420.123	2773563.033
J16	12+02.72	83.62	RT	1034422.343	2773561.015
J17	12+17.22	80.30	RT	1034428.063	2773574.747
J18	12+16.38	77.42	RT	1034430.759	2773573.432
J19	12+27.28	90.38	RT	1034419.826	2773586.366
J20	12+29.88	88.87	RT	1034421.751	2773588.667
J21	12+34.07	103.50	RT	1034408.037	2773595.268
J22	12+30.25	106.87	RT	1034404.068	2773592.071
J23	12+33.18	107.52	RT	1034403.922	2773595.067
J24	12+05.48	42.01	RT	1034463.821	2773556.711
J25	12+11.51	42.50	RT	1034464.356	2773562.744
J26	12+05.05	34.48	RT	1034471.175	2773555.023
J27	12+11.05	34.14	RT	1034472.517	2773560.870
J28	12+04.72	28.49	RT	1034477.022	2773553.680
J29	12+10.71	28.15	RT	1034478.365	2773559.528
J30	12+04.44	23.49	RT	1034481.896	2773552.561
J31	12+10.43	23.16	RT	1034483.238	2773558.409
J32	12+04.18	15.14	RT	1034490.089	2773550.898
J33	12+10.05	16.39	RT	1034489.841	2773556.893
J34	11+97.57	31.70	RT	1034472.651	2773547.173
J35	12+00.01	32.22	RT	1034472.548	2773549.671
J36	12+08.32	45.00	RT	1034461.353	2773560.020
J37	12+16.99	45.00	RT	1034462.815	2773568.560
J38	12+16.99	42.00	RT	1034465.772	2773568.054
J39	12+12.24	-22.50	LT	1034528.543	2773552.492
J40	12+18.11	-21.24	LT	1034528.294	2773558.487
J41	12+14.68	-28.80	LT	1034535.170	2773553.832
J42	12+20.25	-26.57	LT	1034533.905	2773559.697
J43	12+16.54	-33.44	LT	1034540.057	2773554.886
J44	12+22.11	-31.20	LT	1034538.792	2773560.751
J45	12+19.53	-40.86	LT	1034547.877	2773556.573
J46	12+25.09	-38.63	LT	1034546.612	2773562.438
J47	12+22.17	-47.44	LT	1034554.799	2773558.066
J48	12+28.66	-47.50	LT	1034555.958	2773564.454
J49	12+13.68	-43.22	LT	1034549.208	2773550.414
J50	12+16.05	-42.41	LT	1034548.815	2773552.883
J51	12+23.15	-50.00	LT	1034557.493	2773558.602
J52	12+34.00	-47.00	LT	1034556.366	2773569.800
J53	12+34.00	-50.00	LT	1034559.323	2773569.293



	RAMP	(S)	SIDEWALK
	SIDEWALK	(R)	RAMP
	TRUNCATED DOMES	(T)	TRANSITION
	APPROACH	(L)	LANDING
	CONCRETE MEDIAN		

Jonathan Peitz
2025.11.17 08:07:05-06'00'

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

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

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 69
COUNTY: JACKSON	
JOB NO.: J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

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

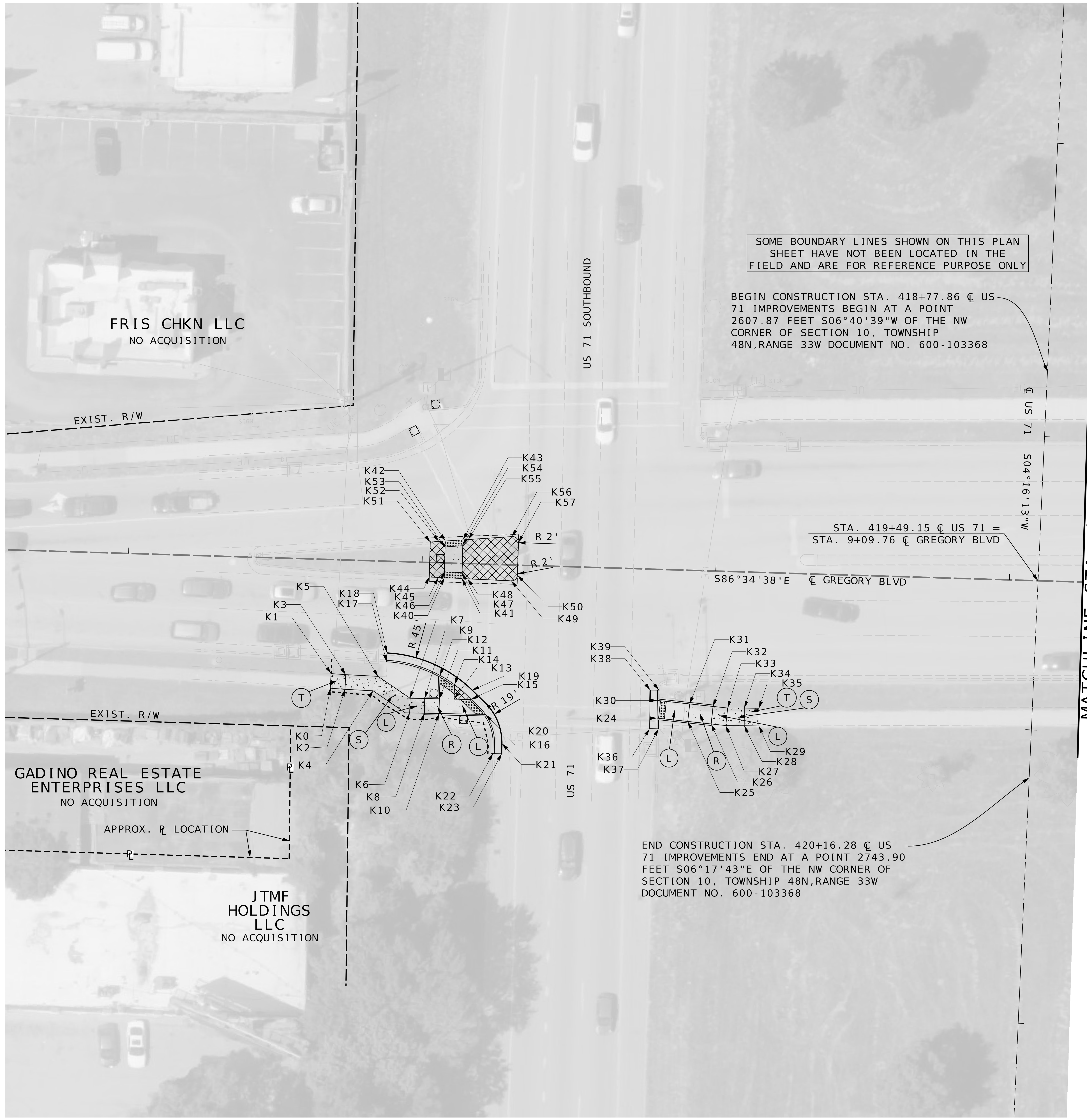
olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

GEOMETRIC SHEET
18 OF 35
US 71 AT MEYER BLVD.
SHEET 1 OF 1

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\069_SS_18_Meyer Ave_J4P3268H_I20.dgn 3:49:52 PM 11/14/2025

GREGORY BLVD

POINT	STA	OFF	SIDE	NORTHING	EASTING
K0	6+70.02	43.81	RT	1030998.400	2772976.007
K1	6+70.14	38.83	RT	1031003.365	2772976.422
K2	6+75.02	44.04	RT	1030997.874	2772980.980
K3	6+75.14	39.04	RT	1031002.856	2772981.397
K4	6+84.63	44.27	RT	1030997.072	2772990.560
K5	6+86.14	39.30	RT	1031001.938	2772992.368
K6	6+97.28	51.34	RT	1030989.263	2773002.762
K7	6+97.27	46.41	RT	1030994.183	2773003.045
K8	7+02.28	51.36	RT	1030988.939	2773007.751
K9	7+02.27	46.36	RT	1030993.931	2773008.039
K10	7+07.28	51.31	RT	1030988.687	2773012.745
K11	7+07.27	46.31	RT	1030993.679	2773013.033
K12	7+07.25	38.36	RT	1031001.618	2773013.491
K13	7+12.27	46.27	RT	1030993.427	2773018.027
K14	7+12.25	41.37	RT	1030998.322	2773018.309
K15	7+18.04	46.21	RT	1030993.136	2773023.791
K16	7+23.12	51.17	RT	1030987.889	2773028.568
K17	6+88.91	34.24	RT	1031006.832	2772995.427
K18	6+88.97	31.24	RT	1031009.822	2772995.675
K19	7+18.31	43.02	RT	1030996.310	2773024.257
K20	7+22.79	47.12	RT	1030991.952	2773028.486
K21	7+28.97	60.85	RT	1030977.876	2773033.830
K22	7+26.02	64.42	RT	1030974.484	2773030.676
K23	7+29.02	64.38	RT	1030974.350	2773033.673
K24	7+81.54	50.67	RT	1030984.897	2773086.916
K25	7+92.01	51.48	RT	1030983.461	2773097.320
K26	7+99.99	52.10	RT	1030982.367	2773105.245
K27	8+04.97	52.49	RT	1030981.684	2773110.198
K28	8+11.27	52.35	RT	1030981.446	2773116.493
K29	8+16.27	52.27	RT	1030981.222	2773121.489
K30	7+81.45	44.65	RT	1030990.917	2773087.185
K31	7+92.48	45.50	RT	1030989.405	2773098.140
K32	8+00.45	46.12	RT	1030988.311	2773106.065
K33	8+05.44	46.51	RT	1030987.628	2773111.018
K34	8+11.11	46.35	RT	1030987.443	2773116.688
K35	8+16.11	46.25	RT	1030987.241	2773121.684
K36	7+79.10	54.33	RT	1030981.388	2773084.258
K37	7+82.10	54.29	RT	1030981.255	2773087.255
K38	7+78.90	41.17	RT	1030994.537	2773084.849
K39	7+81.90	41.13	RT	1030994.403	2773087.846
K40	7+07.68	5.03	RT	1031034.869	2773015.909
K41	7+13.68	5.13	RT	1031034.406	2773021.893
K42	7+07.65	-7.47	LT	1031047.344	2773016.629
K43	7+13.65	-8.05	LT	1031047.564	2773022.652
K44	7+02.57	4.94	RT	1031035.264	2773010.814
K45	7+05.64	4.99	RT	1031035.027	2773013.876
K46	7+07.67	2.99	RT	1031036.905	2773016.027
K47	7+13.67	3.17	RT	1031036.364	2773022.006
K48	7+15.64	5.17	RT	1031034.254	2773023.848
K49	7+30.50	5.43	RT	1031033.107	2773038.670
K50	7+32.54	3.43	RT	1031034.977	2773040.821
K51	7+02.54	-6.98	LT	1031047.157	2773011.500
K52	7+05.46	-7.26	LT	1031047.264	2773014.433
K53	7+07.66	-5.27	LT	1031045.150	2773016.502
K54	7+13.65	-6.23	LT	1031045.747	2773022.547
K55	7+15.46	-8.22	LT	1031047.631	2773024.471
K56	7+30.37	-9.66	LT	1031048.178	2773039.441
K57	7+32.56	-7.67	LT	1031046.055	2773041.510



- RAMP
- SIDEWALK
- TRUNCATED DOMES
- APPROACH
- CONCRETE MEDIAN
- (S) SIDEWALK
- (R) RAMP
- (T) TRANSITION
- (L) LANDING

SCALE
0 20 40 60

GEOMETRIC SHEET
19 OF 35
US 71 AT GREGORY BLVD.
SHEET 1 OF 2

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

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

DATE PREPARED	
11/14/2025	
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 70
COUNTY JACKSON	
JOB NO. J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION
DATE

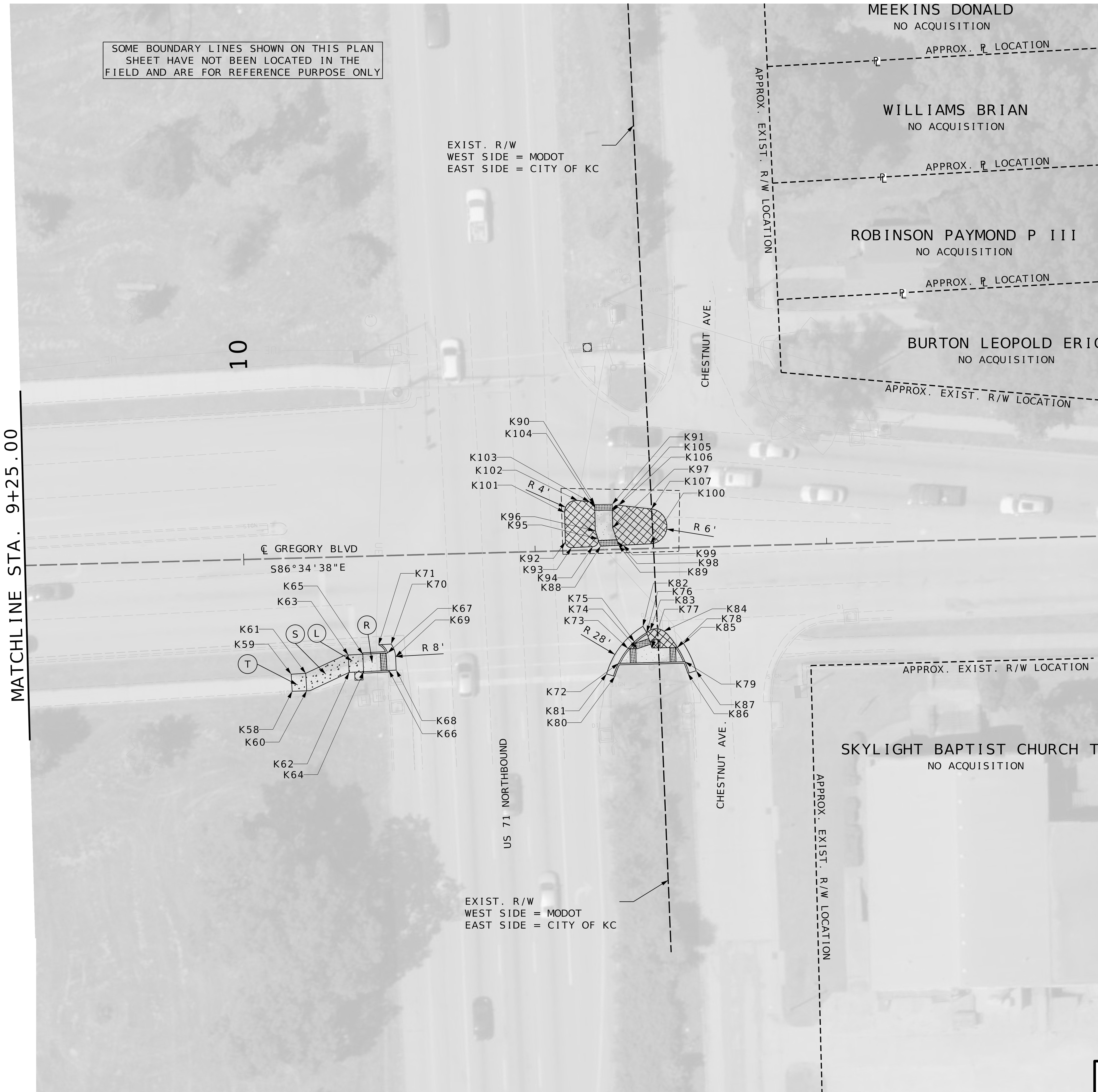
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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

GREGORY BLVD

POINT	STA	OFF	SIDE	NORTHING	EASTING
K58	10+15.39	45.62	RT	1030975.982	2773320.651
K59	10+15.20	39.76	RT	1030981.842	2773320.813
K60	10+20.39	45.59	RT	1030975.703	2773325.645
K61	10+20.20	39.60	RT	1030981.701	2773325.811
K62	10+35.07	39.69	RT	1030980.717	2773340.650
K63	10+34.94	33.70	RT	1030986.713	2773340.873
K64	10+40.07	39.58	RT	1030980.531	2773345.647
K65	10+39.93	33.58	RT	1030986.527	2773345.869
K66	10+48.74	39.39	RT	1030980.209	2773354.317
K67	10+48.45	33.39	RT	1030986.211	2773354.382
K68	10+51.24	39.33	RT	1030980.116	2773356.815
K69	10+51.16	34.76	RT	1030984.684	2773357.006
K70	10+49.75	30.36	RT	1030989.158	2773355.858
K71	10+45.45	30.46	RT	1030989.317	2773351.565
K72	11+27.49	39.11	RT	1030975.784	2773432.936
K73	11+30.93	34.12	RT	1030980.560	2773436.669
K74	11+33.88	34.13	RT	1030980.375	2773439.616
K75	11+33.18	31.86	RT	1030982.675	2773439.053
K76	11+37.47	28.81	RT	1030985.472	2773443.517
K77	11+39.12	34.14	RT	1030980.047	2773444.844
K78	11+47.84	34.17	RT	1030979.502	2773453.549
K79	11+50.35	39.17	RT	1030974.354	2773455.751
K80	11+26.19	43.53	RT	1030971.447	2773431.377
K81	11+23.33	42.64	RT	1030972.511	2773428.572
K82	11+36.24	26.63	RT	1030987.716	2773442.416
K83	11+38.77	28.00	RT	1030986.201	2773444.858
K84	11+43.34	28.49	RT	1030985.438	2773449.399
K85	11+49.98	32.87	RT	1030980.666	2773455.762
K86	11+51.17	43.18	RT	1030970.310	2773456.334
K87	11+54.06	42.39	RT	1030970.927	2773459.270
K88	11+22.44	-1.22	LT	1031016.343	2773430.304
K89	11+28.68	-1.35	LT	1031016.100	2773436.541
K90	11+20.84	-15.54	LT	1031030.729	2773429.567
K91	11+26.84	-15.50	LT	1031030.336	2773435.555
K92	11+10.46	-3.01	LT	1031018.846	2773418.454
K93	11+12.50	-1.01	LT	1031016.730	2773420.372
K94	11+19.79	-1.17	LT	1031016.446	2773427.653
K95	11+21.66	-3.76	LT	1031018.920	2773429.674
K96	11+20.79	-6.55	LT	1031021.761	2773428.979
K97	11+26.80	-7.44	LT	1031022.290	2773435.027
K98	11+28.23	-2.79	LT	1031017.564	2773436.182
K99	11+30.19	-1.38	LT	1031016.041	2773438.047
K100	11+39.52	-1.58	LT	1031015.677	2773447.376
K101	11+10.45	-13.16	LT	1031028.981	2773419.048
K102	11+15.02	-17.13	LT	1031032.666	2773423.844
K103	11+19.12	-16.54	LT	1031031.833	2773427.908
K104	11+20.84	-14.55	LT	1031029.743	2773429.503
K105	11+26.83	-13.14	LT	1031027.979	2773435.400
K106	11+29.11	-15.11	LT	1031029.807	2773437.797
K107	11+40.25	-13.51	LT	1031027.551	2773448.814



RAMP
SIDEWALK
TRUNCATED DOMES
APPROACH
CONCRETE MEDIAN
(S) SIDEWALK
(R) RAMP
(T) TRANSITION
(L) LANDING

SCALE
0 20 40 60

GEOMETRIC SHEET
20 OF 35
US 71 AT GREGORY BLVD.
SHEET 2 OF 2

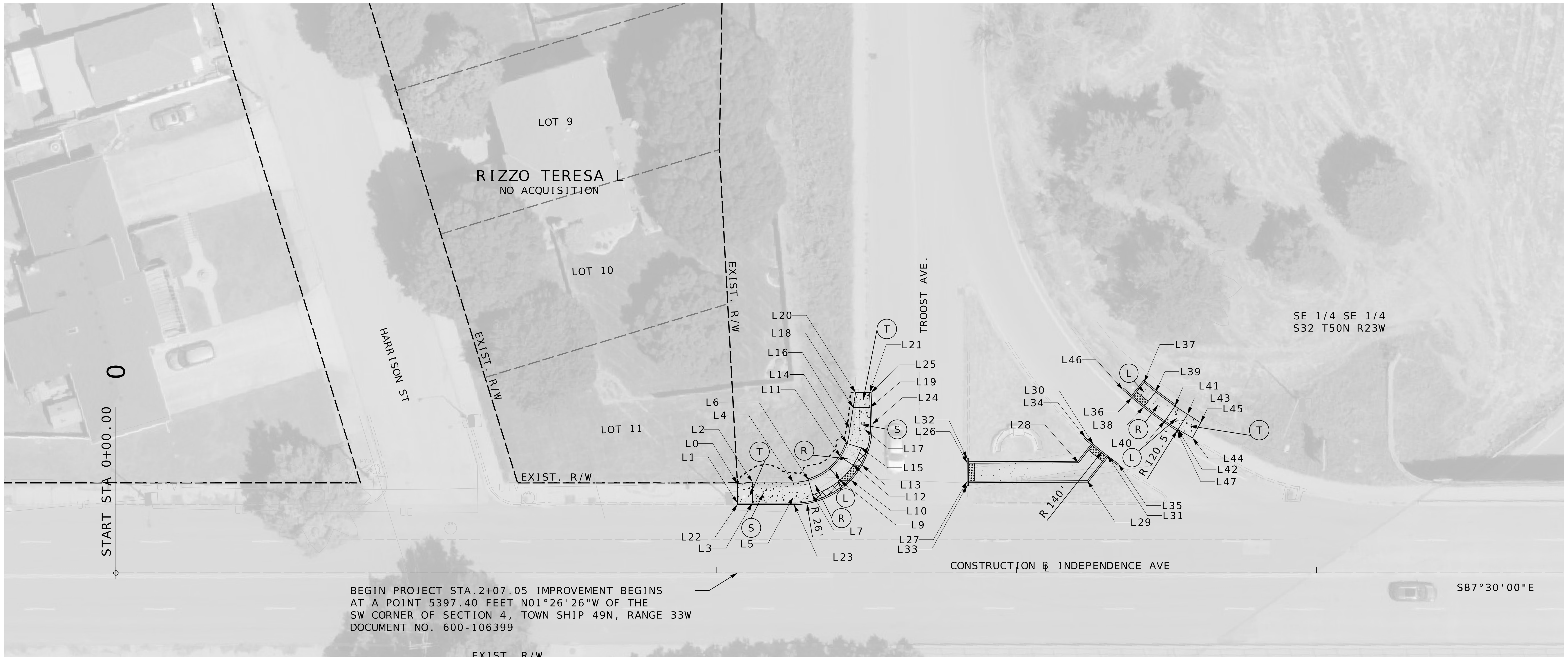
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 71
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592



INDEPENDENCE AVE

POINT	STA	OFF	SIDE	NORTHING	EASTING
L0	2+07.05	-29.77	LT	1070774.278	2768913.316
L1	2+07.05	-23.25	LT	1070767.762	2768913.031
L2	2+12.05	-30.25	LT	1070774.537	2768918.332
L3	2+12.05	-23.25	LT	1070767.544	2768918.026
L4	2+25.66	-30.25	LT	1070773.944	2768931.928
L5	2+25.66	-25.25	LT	1070768.950	2768931.710
L6	2+30.73	-30.89	LT	1070774.360	2768937.024
L7	2+32.08	-26.07	LT	1070769.490	2768938.161
L8	2+41.18	-30.88	LT	1070773.899	2768947.463
L9	2+41.18	-30.88	LT	1070773.899	2768947.463
L10	2+44.82	-30.90	LT	1070773.755	2768951.097
L11	2+41.41	-38.63	LT	1070781.633	2768948.026
L12	2+45.59	-35.90	LT	1070778.720	2768952.089
L13	2+48.53	-35.91	LT	1070778.603	2768955.020
L14	2+43.55	-43.13	LT	1070786.035	2768950.357
L15	2+48.31	-41.62	LT	1070784.311	2768955.050
L16	2+44.53	-48.05	LT	1070790.900	2768951.559
L17	2+49.40	-47.86	LT	1070790.504	2768956.414
L18	2+45.64	-55.09	LT	1070797.891	2768952.970
L19	2+51.25	-55.09	LT	1070797.641	2768958.572
L20	2+46.42	-60.09	LT	1070802.851	2768953.972
L21	2+51.10	-60.09	LT	1070802.643	2768958.646
L22	2+07.05	-22.75	LT	1070767.263	2768913.009
L23	2+25.92	-22.75	LT	1070766.440	2768931.858
L24	2+51.91	-49.50	LT	1070792.029	2768958.989

POINT	STA	OFF	SIDE	NORTHING	EASTING
L25	2+51.60	-60.09	LT	1070802.621	2768959.146
L26	2+83.60	-36.56	LT	1070777.716	2768990.085
L27	2+83.59	-30.56	LT	1070771.722	2768989.816
L28	3+20.68	-36.71	LT	1070776.249	2769027.140
L29	3+23.59	-30.72	LT	1070770.140	2769029.788
L30	3+25.57	-42.89	LT	1070782.212	2769032.297
L31	3+30.24	-39.12	LT	1070778.242	2769036.796
L32	2+83.59	-38.06	LT	1070779.215	2768990.142
L33	2+83.59	-29.06	LT	1070770.223	2768989.749
L34	3+22.95	-45.16	LT	1070784.599	2769029.771
L35	3+33.99	-36.32	LT	1070775.279	2769040.423
L36	3+38.49	-58.41	LT	1070797.151	2769045.880
L37	3+42.53	-63.51	LT	1070802.072	2769050.136
L38	3+42.35	-55.22	LT	1070793.802	2769049.594
L39	3+46.38	-60.32	LT	1070798.718	2769053.846
L40	3+49.44	-50.62	LT	1070788.898	2769056.479
L41	3+52.83	-55.58	LT	1070793.700	2769060.076
L42	3+53.83	-47.76	LT	1070785.850	2769060.736
L43	3+57.02	-52.85	LT	1070790.791	2769064.143
L44	3+58.64	-45.00	LT	1070782.878	2769065.425
L45	3+61.39	-50.04	LT	1070787.792	2769068.387
L46	3+35.47	-61.10	LT	1070799.970	2769042.981
L47	3+53.56	-47.34	LT	1070785.440	2769060.453

RAMP
SIDEWALK
TRUNCATED DOMES
APPROACH
CONCRETE MEDIAN
S SIDEWALK
R RAMP
T TRANSITION
L LANDING

SCALE
0 20 40 60

GEOMETRIC SHEET
21 OF 35
US 24 AT INDEPENDENCE AVE.
SHEET 1 OF 2

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

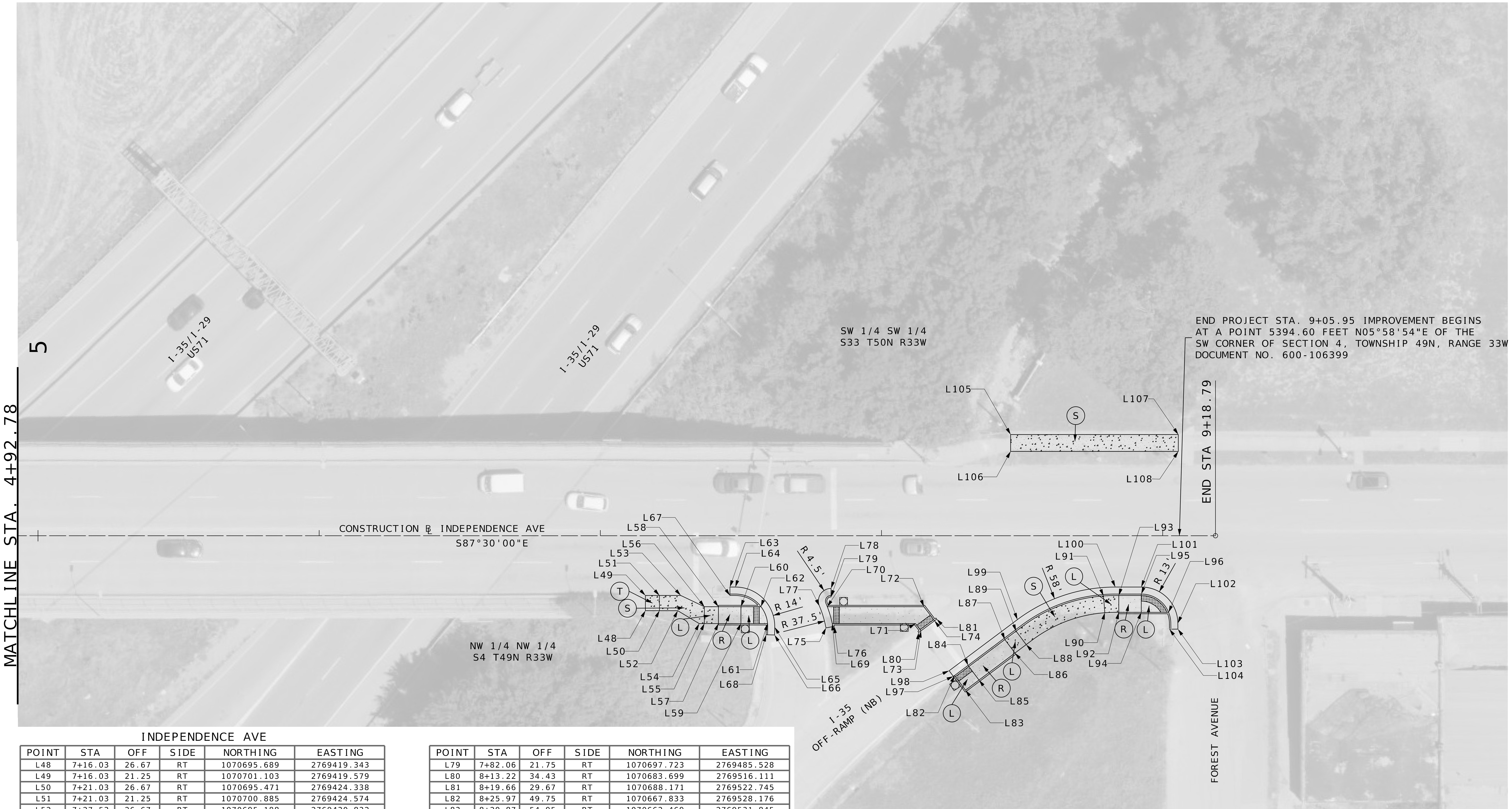
DATE PREPARED 11/14/2025
ROUTE VAR. | STATE MO
DISTRICT KC | SHEET NO. 72
COUNTY JACKSON
JOB NO. J4P3268H
CONTRACT ID.
PROJECT NO.
BRIDGE NO.
DESCRIPTION
DATE

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

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

F:\2023\01001-01500\023-01126\40-Design\Microstation\J4P3268H\Plan sheets\8 Special Sheets\072_SS_21_Independence Ave_J4P3268H_I20.dgn 3:52:34 PM 11/14/2025



INDEPENDENCE AVE

POINT	STA	OFF	SIDE	NORTHING	EASTING
L48	7+16.03	26.67	RT	1070695.689	2769419.343
L49	7+16.03	21.25	RT	1070701.103	2769419.579
L50	7+21.03	26.67	RT	1070695.471	2769424.338
L51	7+21.03	21.25	RT	1070700.885	2769424.574
L52	7+27.53	26.67	RT	1070695.188	2769430.832
L53	7+28.60	21.25	RT	1070700.554	2769432.143
L54	7+35.16	31.25	RT	1070690.278	2769438.258
L55	7+37.01	31.25	RT	1070690.197	2769440.112
L56	7+37.01	25.25	RT	1070696.191	2769440.374
L57	7+42.01	31.25	RT	1070689.979	2769445.108
L58	7+42.01	25.25	RT	1070695.973	2769445.369
L59	7+50.01	31.25	RT	1070689.630	2769453.100
L60	7+50.01	25.25	RT	1070695.624	2769453.362
L61	7+59.49	31.25	RT	1070689.217	2769462.562
L62	7+57.15	25.25	RT	1070695.313	2769460.494
L63	7+46.09	18.25	RT	1070702.788	2769449.747
L64	7+48.03	18.25	RT	1070702.704	2769451.684
L65	7+62.03	32.58	RT	1070687.778	2769465.041
L66	7+61.96	35.31	RT	1070685.054	2769464.858
L67	7+46.09	21.25	RT	1070699.791	2769449.617
L68	7+58.96	35.24	RT	1070685.255	2769461.865
L69	7+82.50	31.25	RT	1070688.213	2769485.555
L70	7+80.71	25.25	RT	1070694.285	2769484.029
L71	8+12.09	31.25	RT	1070686.922	2769515.118
L72	8+15.09	25.25	RT	1070692.785	2769518.376
L73	8+14.03	33.83	RT	1070684.258	2769516.940
L74	8+18.85	30.26	RT	1070687.612	2769521.915
L75	7+80.26	32.80	RT	1070686.764	2769483.250
L76	7+83.21	32.25	RT	1070687.183	2769486.221
L77	7+77.92	25.01	RT	1070694.650	2769481.247
L78	7+82.06	18.75	RT	1070700.720	2769485.659

POINT	STA	OFF	SIDE	NORTHING	EASTING
L79	7+82.06	21.75	RT	1070697.723	2769485.528
L80	8+13.22	34.43	RT	1070683.699	2769516.111
L81	8+19.66	29.67	RT	1070688.171	2769522.745
L82	8+25.97	49.75	RT	1070667.833	2769528.176
L83	8+29.87	54.95	RT	1070662.469	2769531.845
L84	8+30.77	46.15	RT	1070671.221	2769533.128
L85	8+34.67	51.35	RT	1070665.856	2769536.798
L86	8+47.47	41.75	RT	1070674.890	2769550.003
L87	8+43.87	36.95	RT	1070679.842	2769546.616
L88	8+51.47	38.75	RT	1070677.713	2769554.130
L89	8+47.87	33.95	RT	1070682.665	2769550.743
L90	8+79.41	27.39	RT	1070687.840	2769582.536
L91	8+78.95	21.41	RT	1070693.837	2769582.341
L92	8+84.40	27.25	RT	1070687.764	2769587.535
L93	8+84.40	21.25	RT	1070693.758	2769587.797
L94	8+92.40	27.25	RT	1070687.415	2769595.528
L95	8+92.40	20.75	RT	1070693.909	2769595.811
L96	9+02.11	27.25	RT	1070686.991	2769605.227
L97	8+25.57	50.05	RT	1070667.551	2769527.763
L98	8+24.07	48.05	RT	1070669.615	2769526.351
L99	8+48.33	29.85	RT	1070686.737	2769551.382
L100	8+83.13	18.25	RT	1070696.811	2769586.659
L101	8+92.40	18.25	RT	1070696.406	2769595.920
L102	9+05.40	31.14	RT	1070682.966	2769608.345
L103	9+05.42	33.22	RT	1070680.879	2769608.273
L104	9+02.42	33.25	RT	1070680.984	2769605.275
L105	8+45.91	-36.00	LT	1070752.633	2769551.836
L106	8+45.91	-30.00	LT	1070746.638	2769551.574
L107	9+05.57	-36.00	LT	1070750.030	2769611.437
L108	9+05.57	-30.00	LT	1070744.036	2769611.175

RAMP
SIDEWALK
TRUNCATED DOMES
APPROACH
CONCRETE MEDIAN
(S) SIDEWALK
(R) RAMP
(T) TRANSITION
(L) LANDING

SCALE
0 20 40 60

GEOMETRIC SHEET
22 OF 35
US 24 AT INDEPENDENCE AVE.
SHEET 2 OF 2

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

DATE PREPARED	
11/14/2025	
ROUTE: VAR.	STATE: MO
DISTRICT: KC	SHEET NO.: 73
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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

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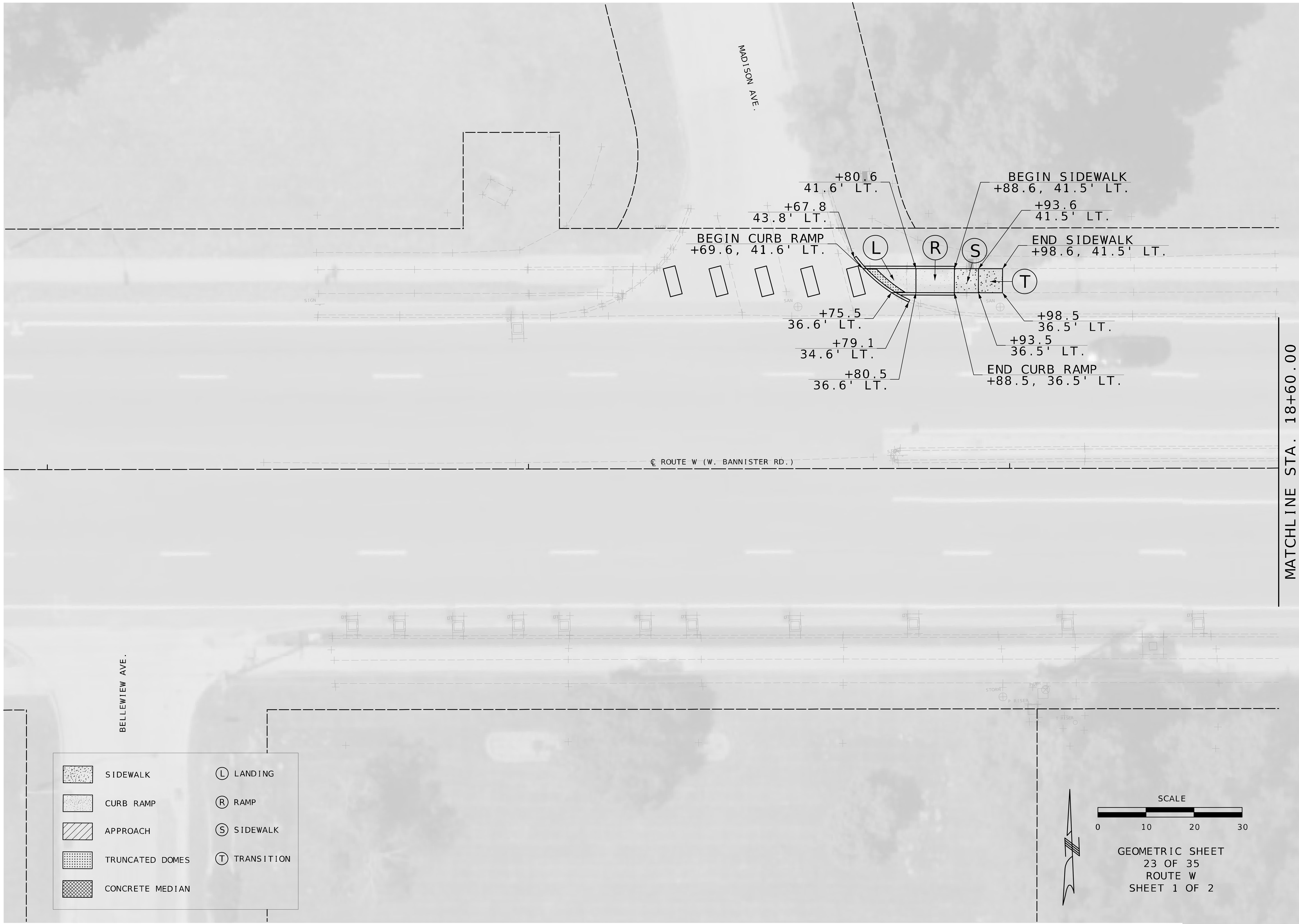


STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

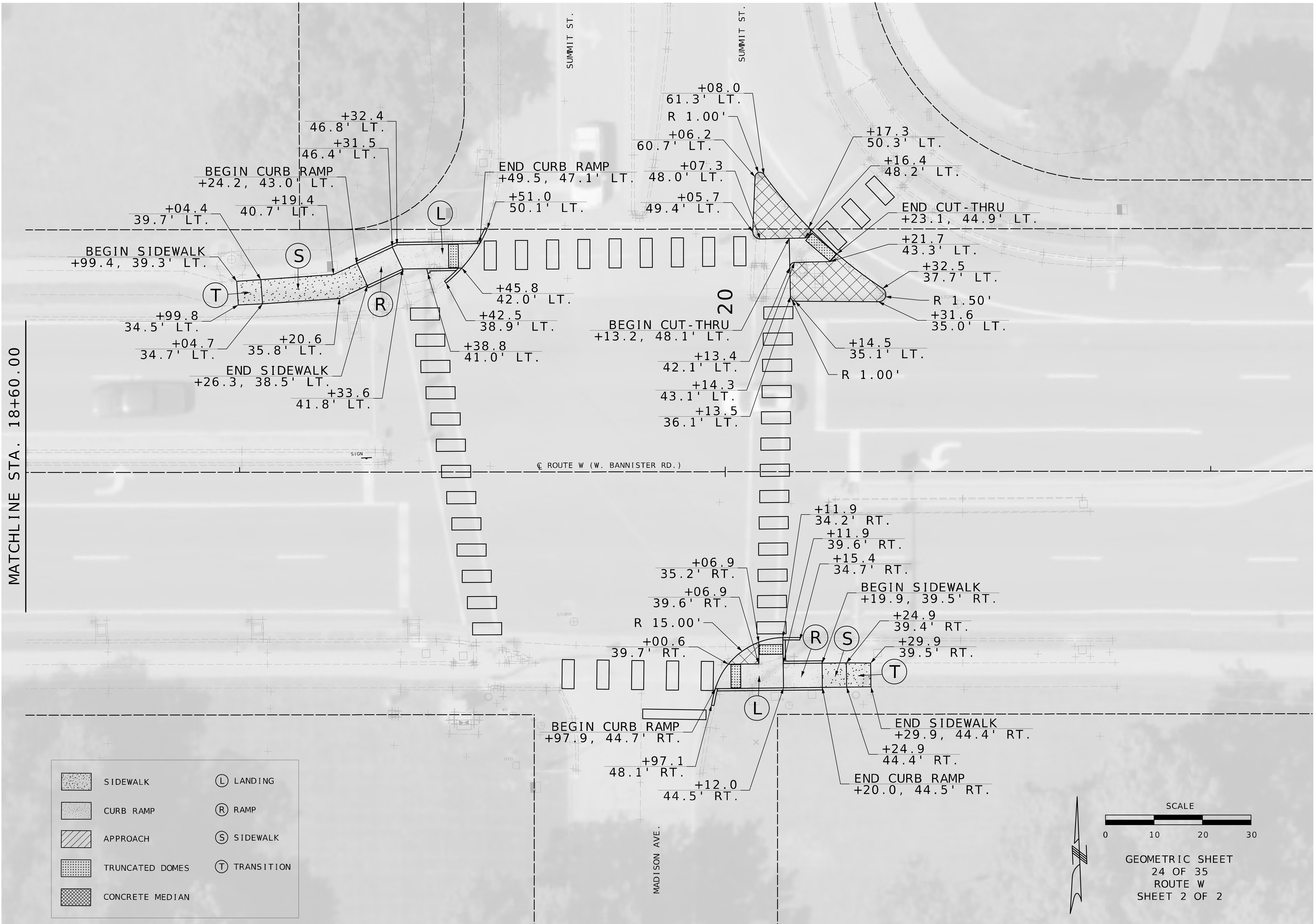
DATE PREPARED	
11/15/2025	
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 74
COUNTY: JACKSON	
JOB NO.: J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
601 MONROE ST. SUITE 201 · JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



GEOMETRIC SHEET
24 OF 35
ROUTE W
SHEET 2 OF 2

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 75
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

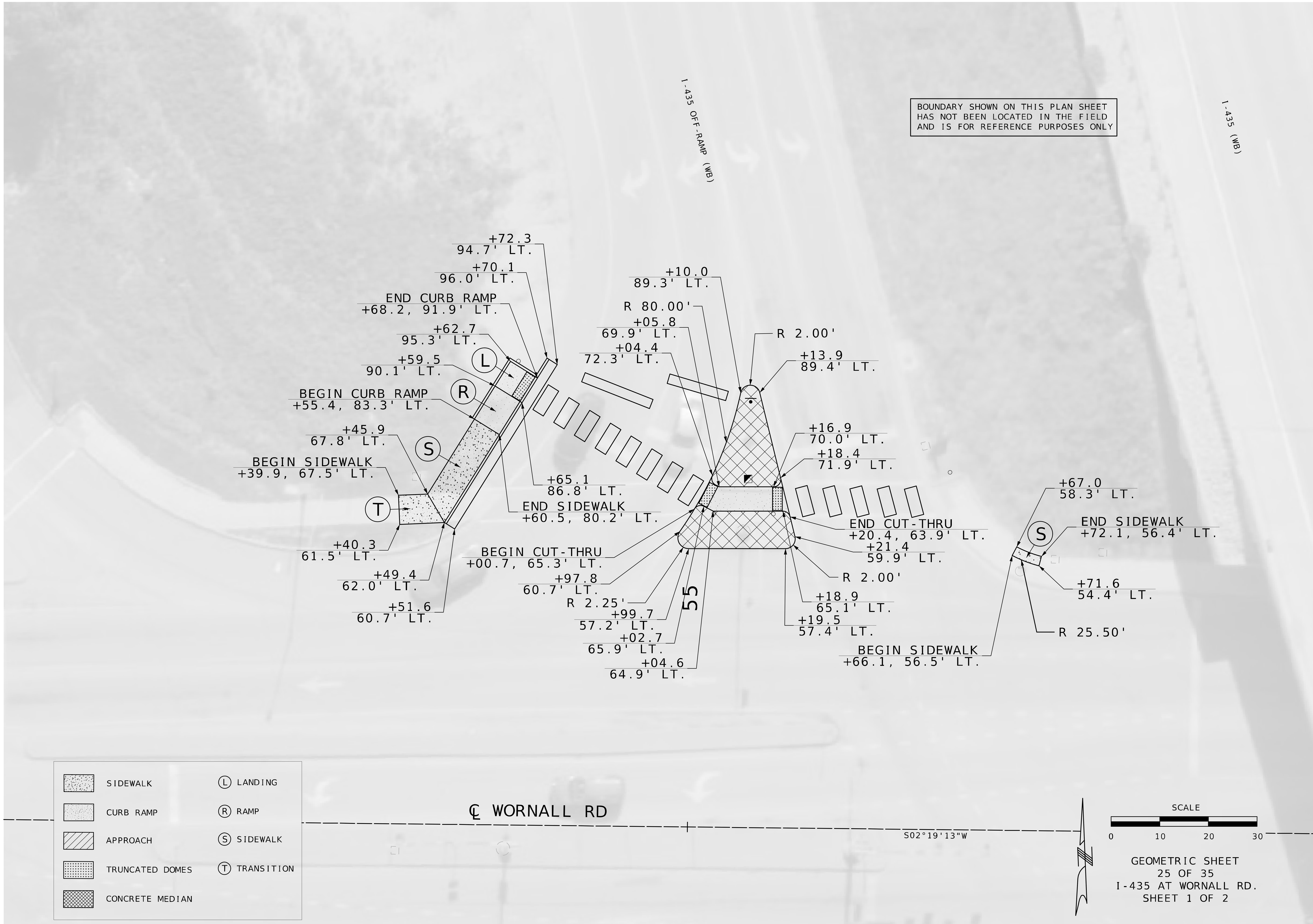
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 · JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 · ENGINEERING
WWW.BARTLETTWEST.COM

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

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/075_GM_Route W - W. Bannister Rd - Plan 2.dgn 12:35:11 AM 11/15/2025



GEOMETRIC SHEET
25 OF 35
I-435 AT WORNALL RD.
SHEET 1 OF 2

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 76
COUNTY JACKSON	
JOB NO. J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

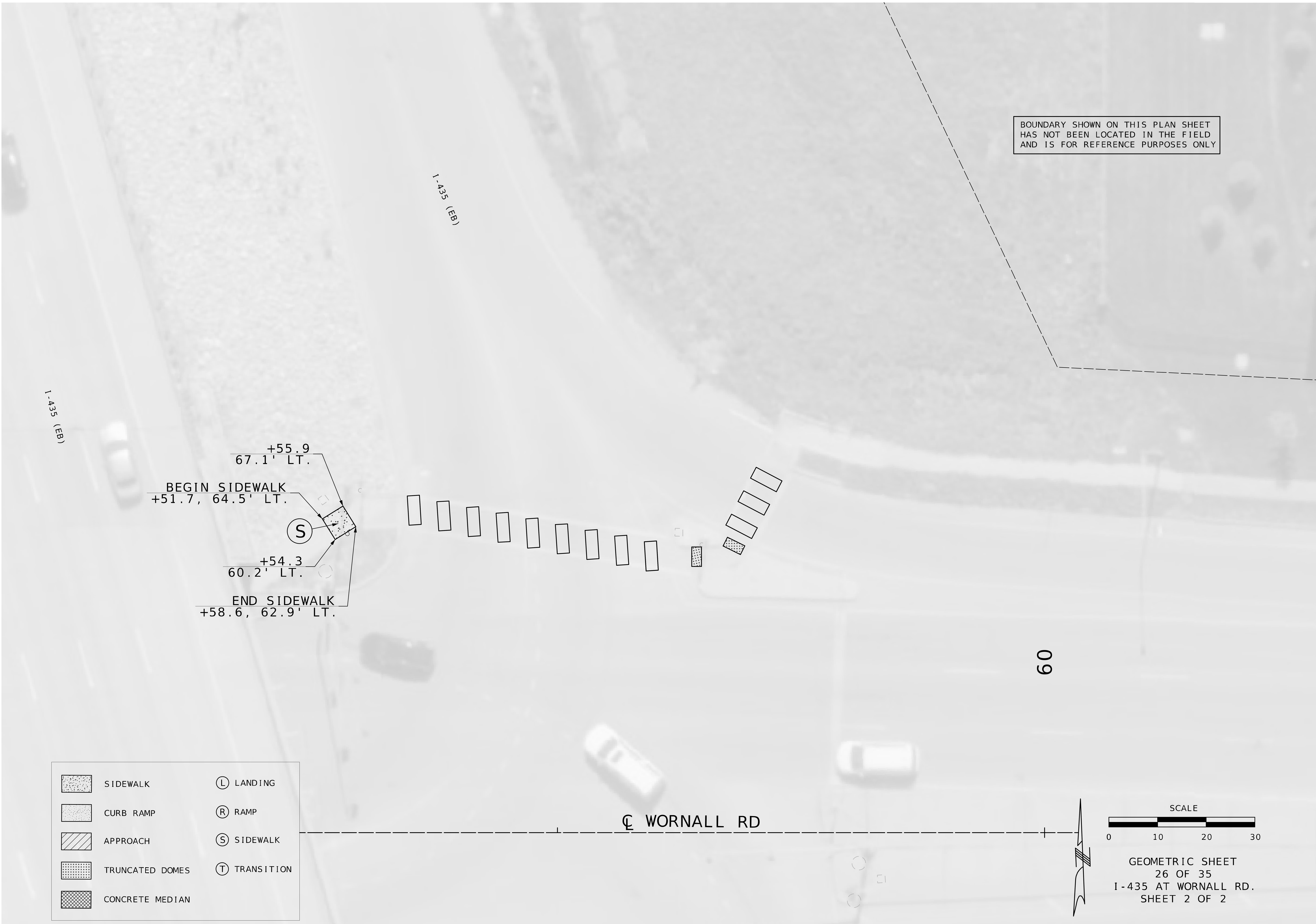
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



GEOMETRIC SHEET
26 OF 35
I-435 AT WORNALL RD.
SHEET 2 OF 2

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 77
COUNTY JACKSON	
JOB NO. J4P3268H	
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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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GEOMETRIC SHEET
27 OF 35
I-435 AT STATE LINE RD.
SHEET 1 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 78
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

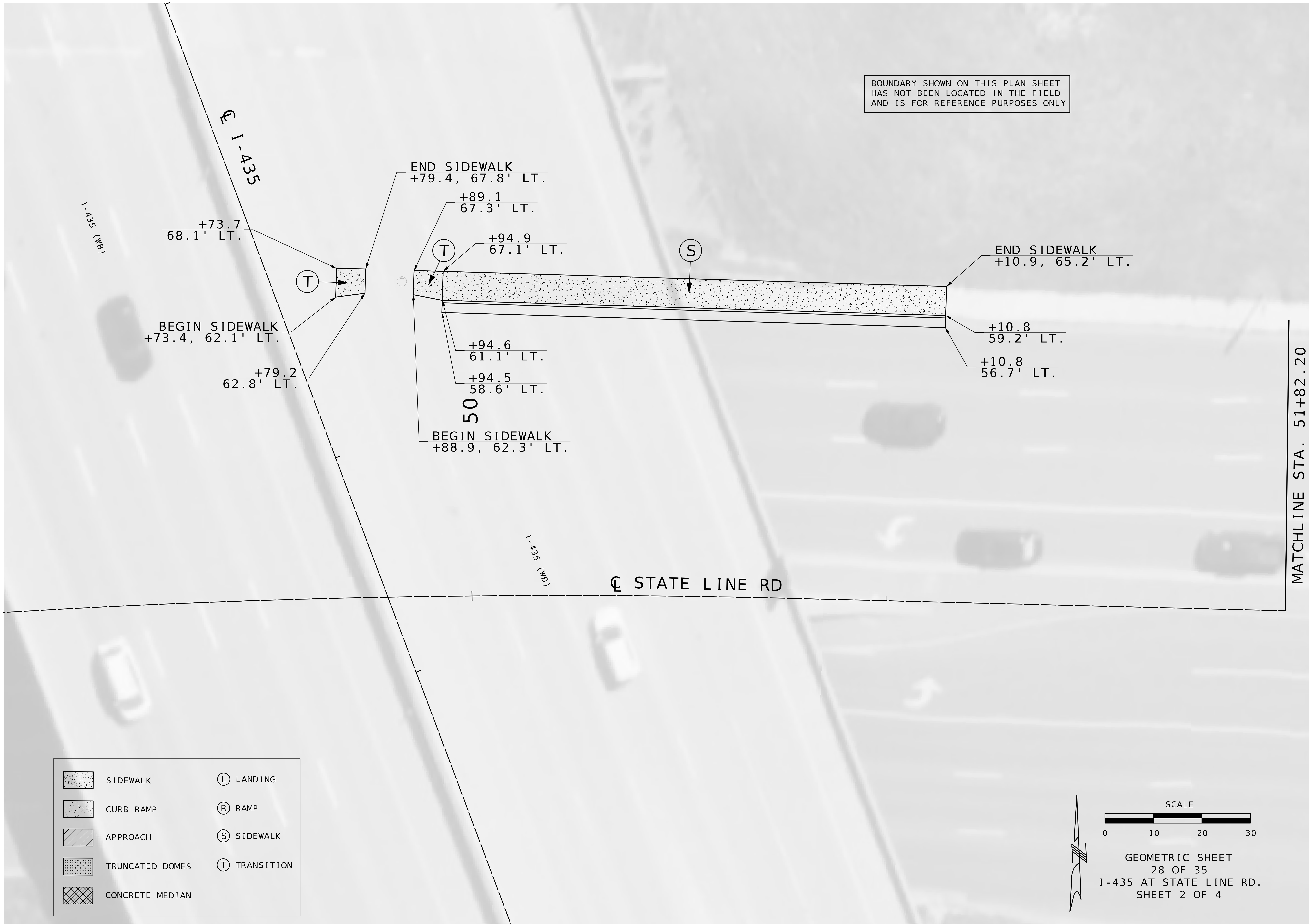
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



GEOMETRIC SHEET
28 OF 35
I-435 AT STATE LINE RD.
SHEET 2 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 79
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

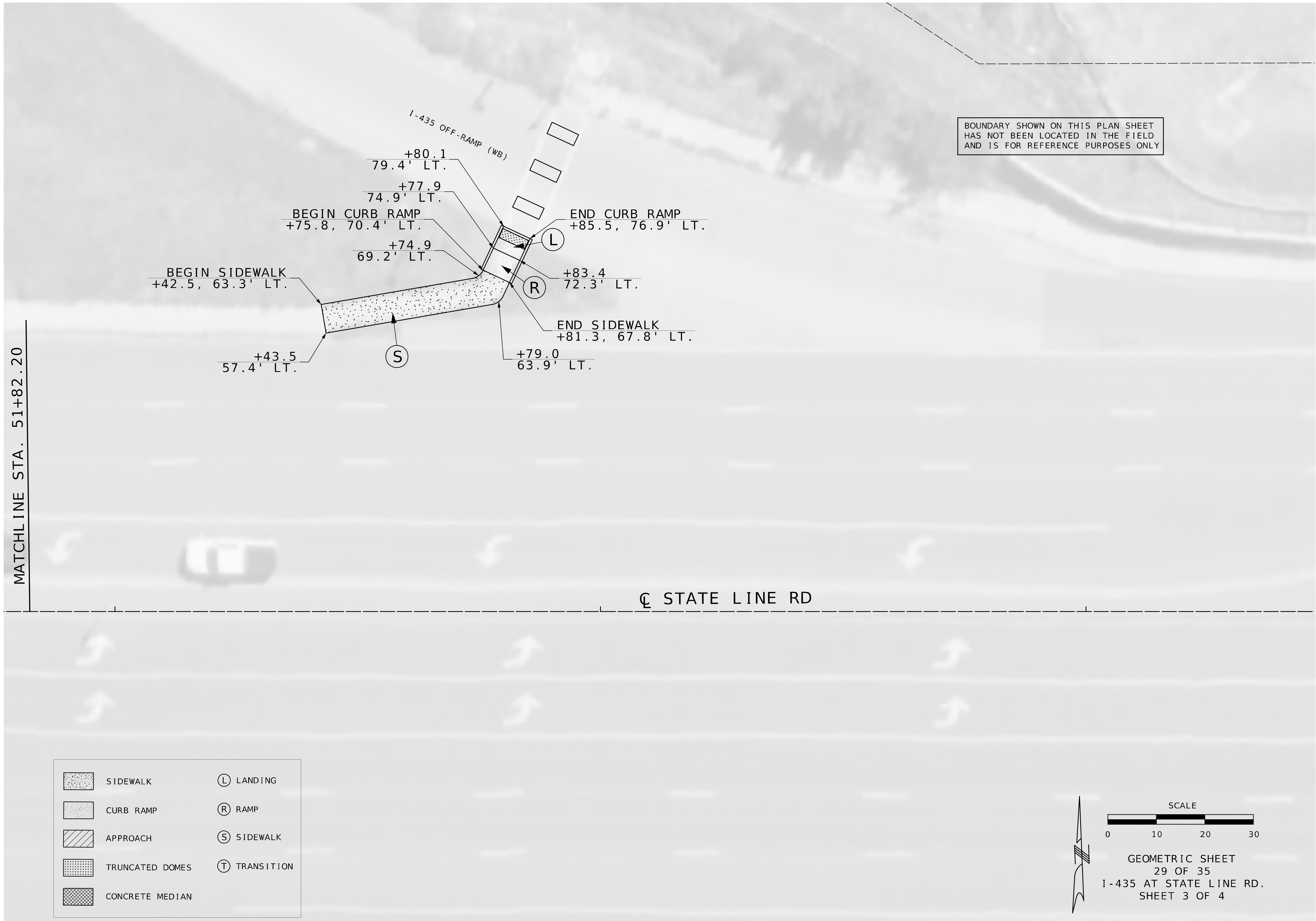
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



GEOMETRIC SHEET
29 OF 35
I-435 AT STATE LINE RD.
SHEET 3 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 80
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

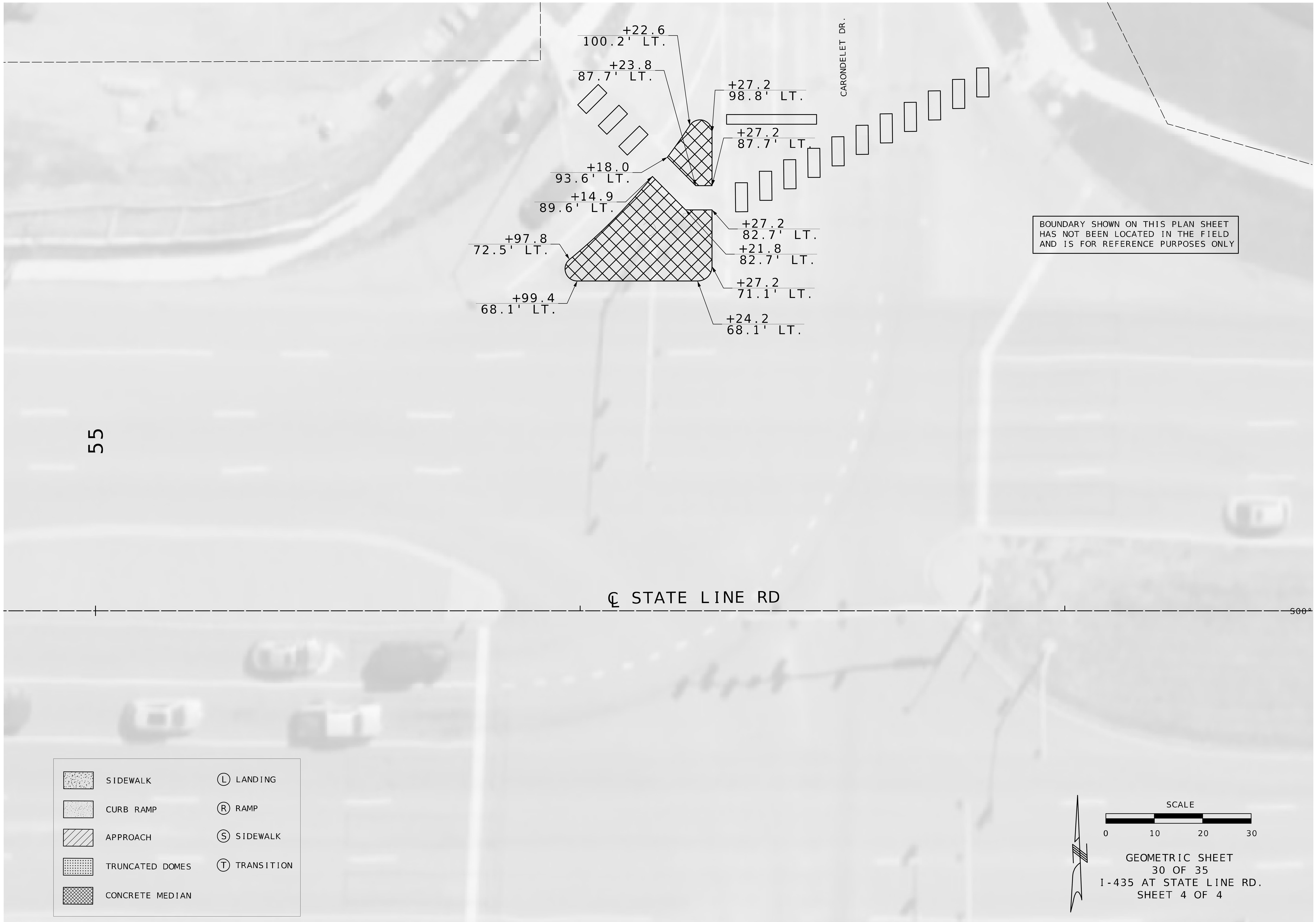
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 · JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/080_GM_I-435 - CL_STLINE - Plan 3.dgn 12:36:18 AM 11/15/2025



GEOMETRIC SHEET
30 OF 35
I-435 AT STATE LINE RD.
SHEET 4 OF 4

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 81
COUNTY JACKSON	
JOB NO. J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

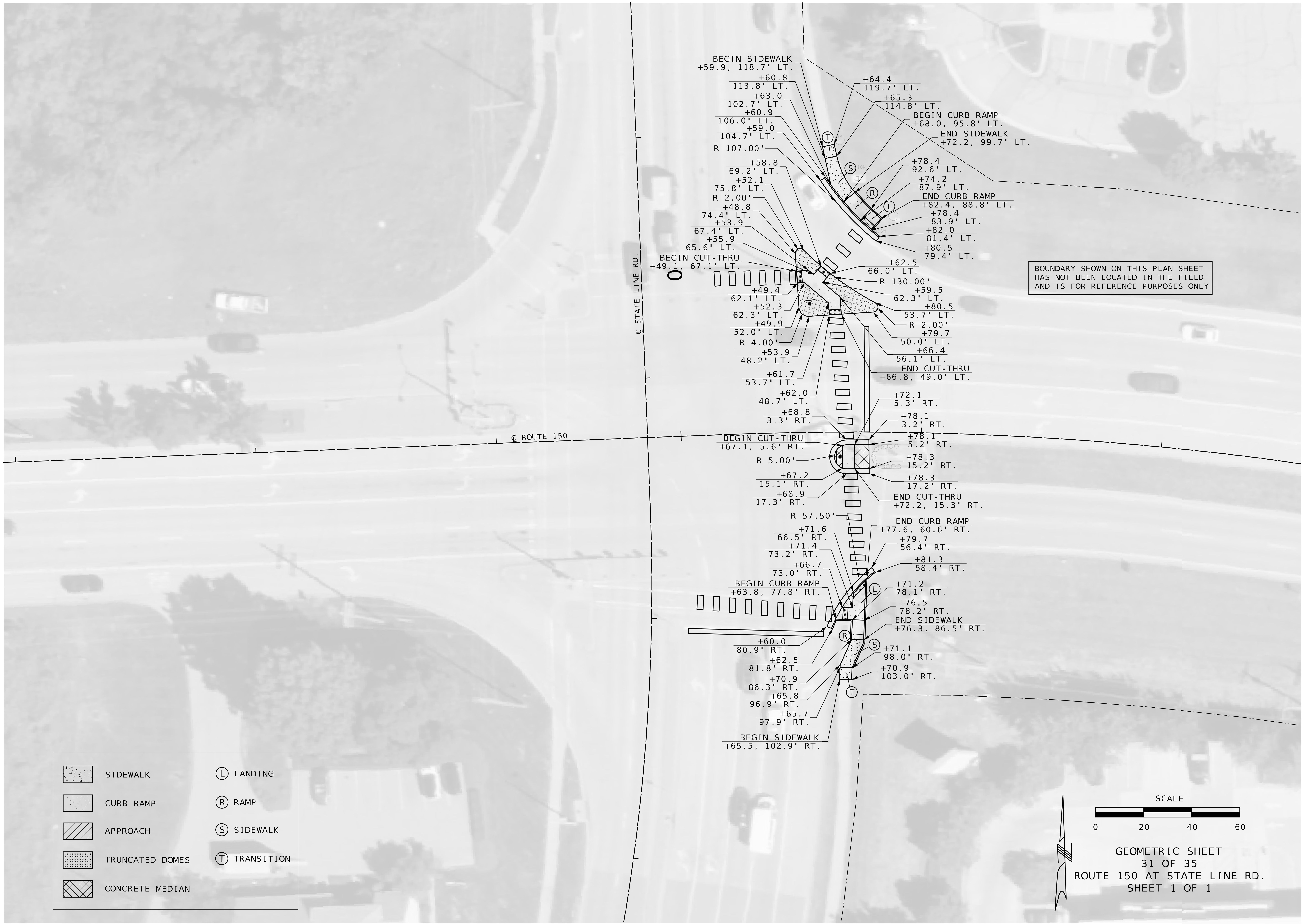
DESCRIPTION

DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



GEOMETRIC SHEET
31 OF 35
ROUTE 150 AT STATE LINE RD.
SHEET 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	82
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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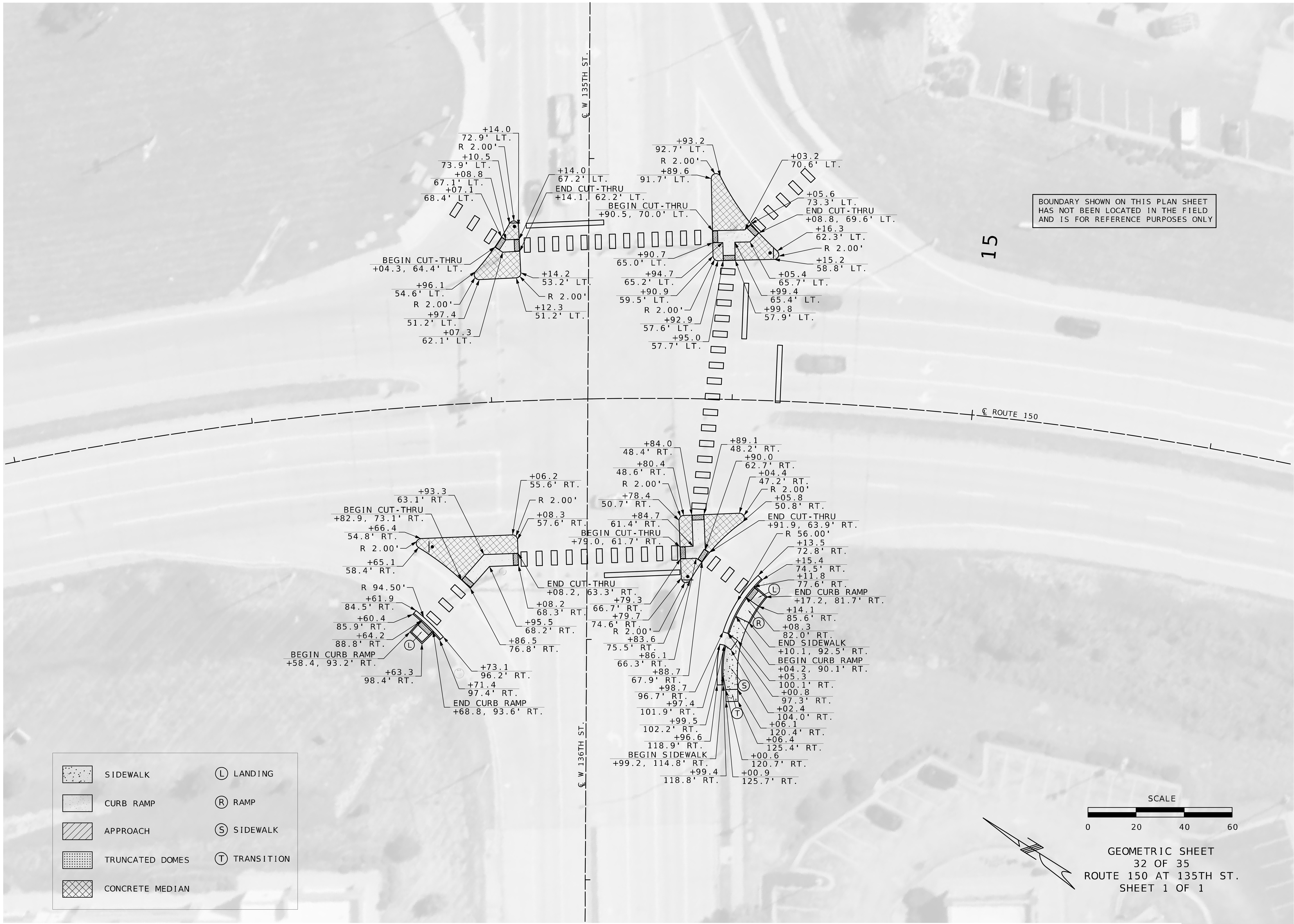
pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/082_GM_Route 150 - State Line Rd - Plan 1.dgn 1:04:29 AM 11/15/2025



GEOMETRIC SHEET
32 OF 35
ROUTE 150 AT 135TH ST.
SHEET 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 83
COUNTY JACKSON	
JOB NO. J4P3268H	
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

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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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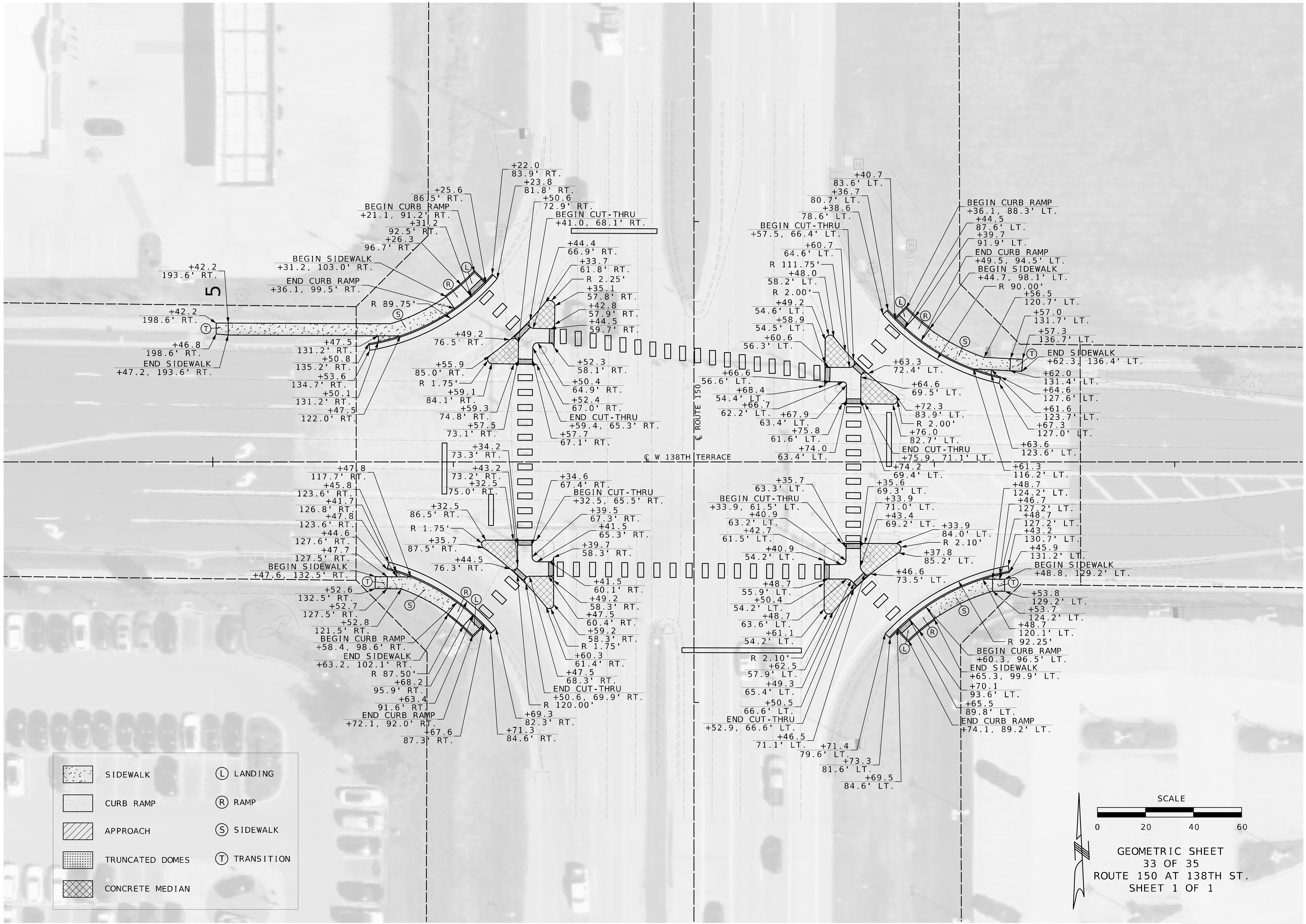
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/083_GM_Route 150 - W 135th St - Plan 2.dgn 1:04:42 AM 11/15/2025



GEOMETRIC SHEET
33 OF 35
ROUTE 150 AT 138TH ST.
SHEET 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

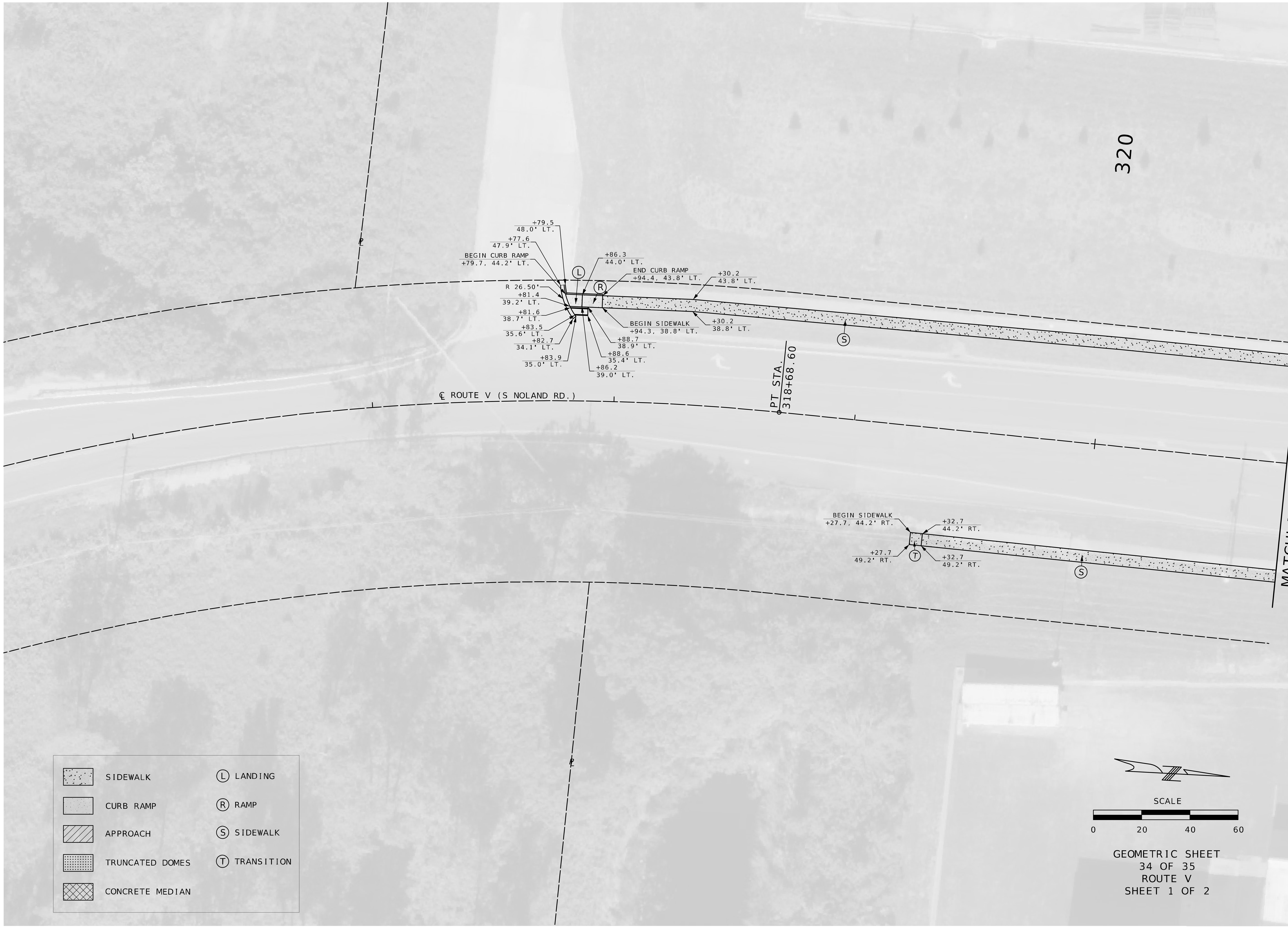
DATE PREPARED	
11/15/2025	
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 84
COUNTY: JACKSON	
JOB NO.: J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/084_GM_Route 150 - W 138th Terr - Plan 3.dgn 1:04:55 AM 11/15/2025



GEOMETRIC SHEET
34 OF 35
ROUTE V
SHEET 1 OF 2

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 85
COUNTY JACKSON	
JOB NO. J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE | DESCRIPTION

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

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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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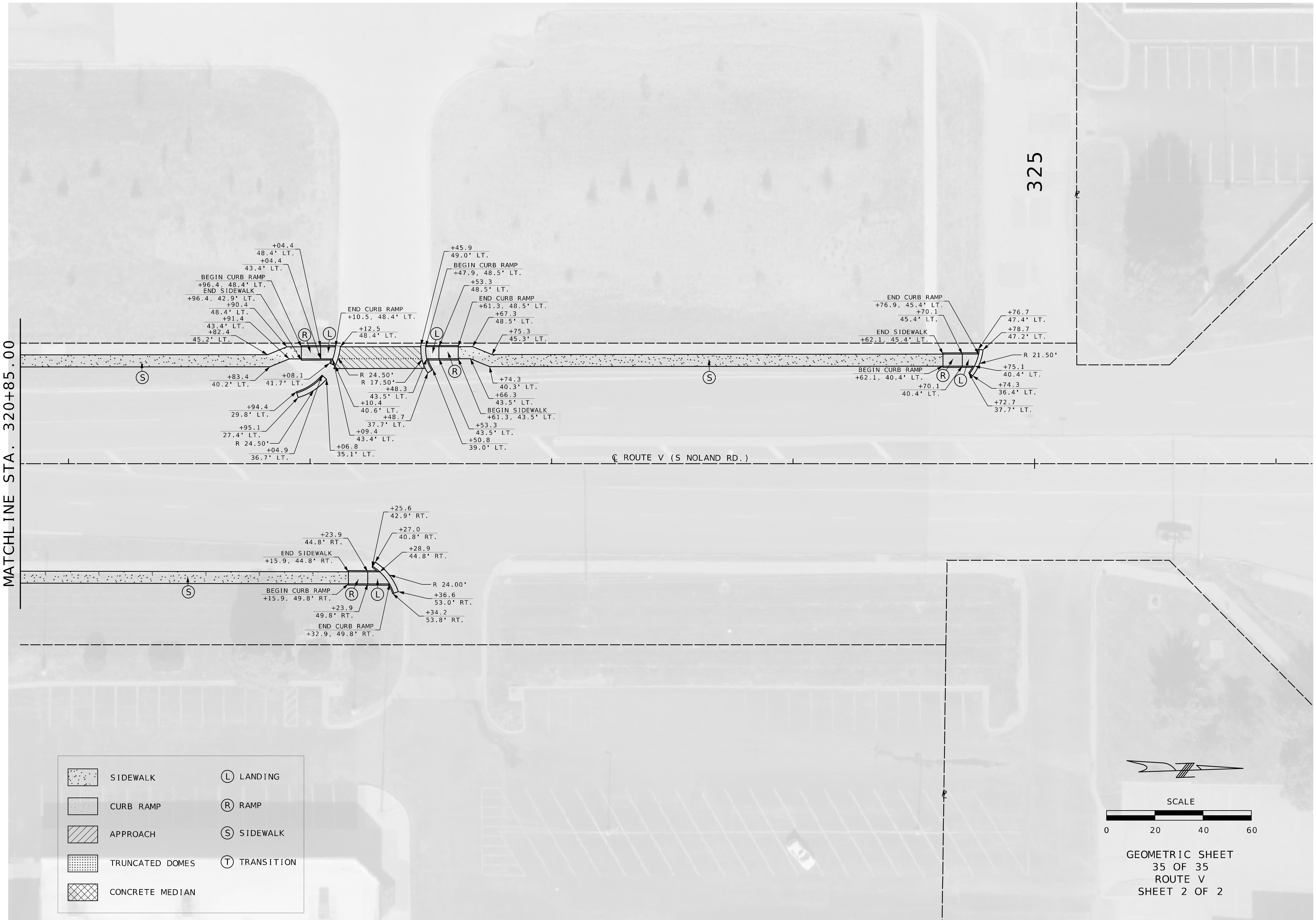

GEOMETRIC SHEET
35 OF 35
ROUTE V
SHEET 2 OF 2

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 86
COUNTY JACKSON	
JOB NO. J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

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

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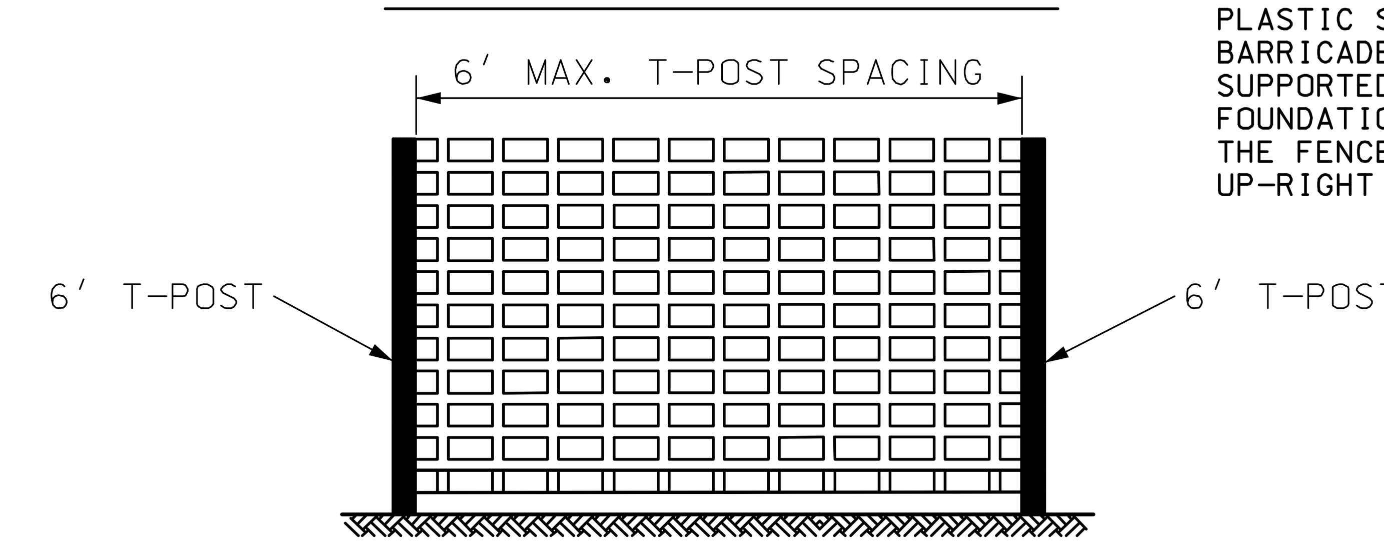
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

NOTES:

1. NO DIRECT PAYMENT WILL BE MADE FOR ORANGE SAFETY FENCE AS REQUIRED AROUND EXCAVATION OF SIDEWALK & CURB RAMP AREAS.
2. SEE JSP's FOR PEDESTRIAN TRAFFIC DEVICES.
3. WORKING AREAS SHALL BE GUARDED FROM PEDESTRIAN ACCESS BY BARRICADE FENCING 36" TO 48" IN HEIGHT WITH A GAP NO GREATER THAN 6" FROM THE GROUND AND HOLES NO GREATER THAN 4" IN ANY DIRECTION.
4. PEDESTRIAN ACCESS ON SIDEWALK SHALL BE PROVIDED WITH A WIDTH NOT LESS THAN 4' OF SMOOTH STABLE SURFACING ADJACENT TO BARRICADE FENCING FOR ACCESS TO THE MAIN BUILDING.
5. SIDEWALK RAMP CLOSURES FOR RECONSTRUCTION SHALL BE PERFORMED WITH ADA COMPLIANT MOVEABLE BARRICADES. TWO BARRICADES PER PEDESTRIAN APPROACH. ONE SIDEWALK CLOSED SIGN WILL BE PLACED UPON ONE BARRICADE FOR EACH APPROACH, NO MORE THAN ONE 5' SECTION OF SIDEWALK RAMP SHALL BE CLOSED LEADING TO THE MAIN BUILDING AT ANY TIME ADJACENT TO THE WORK AREA.

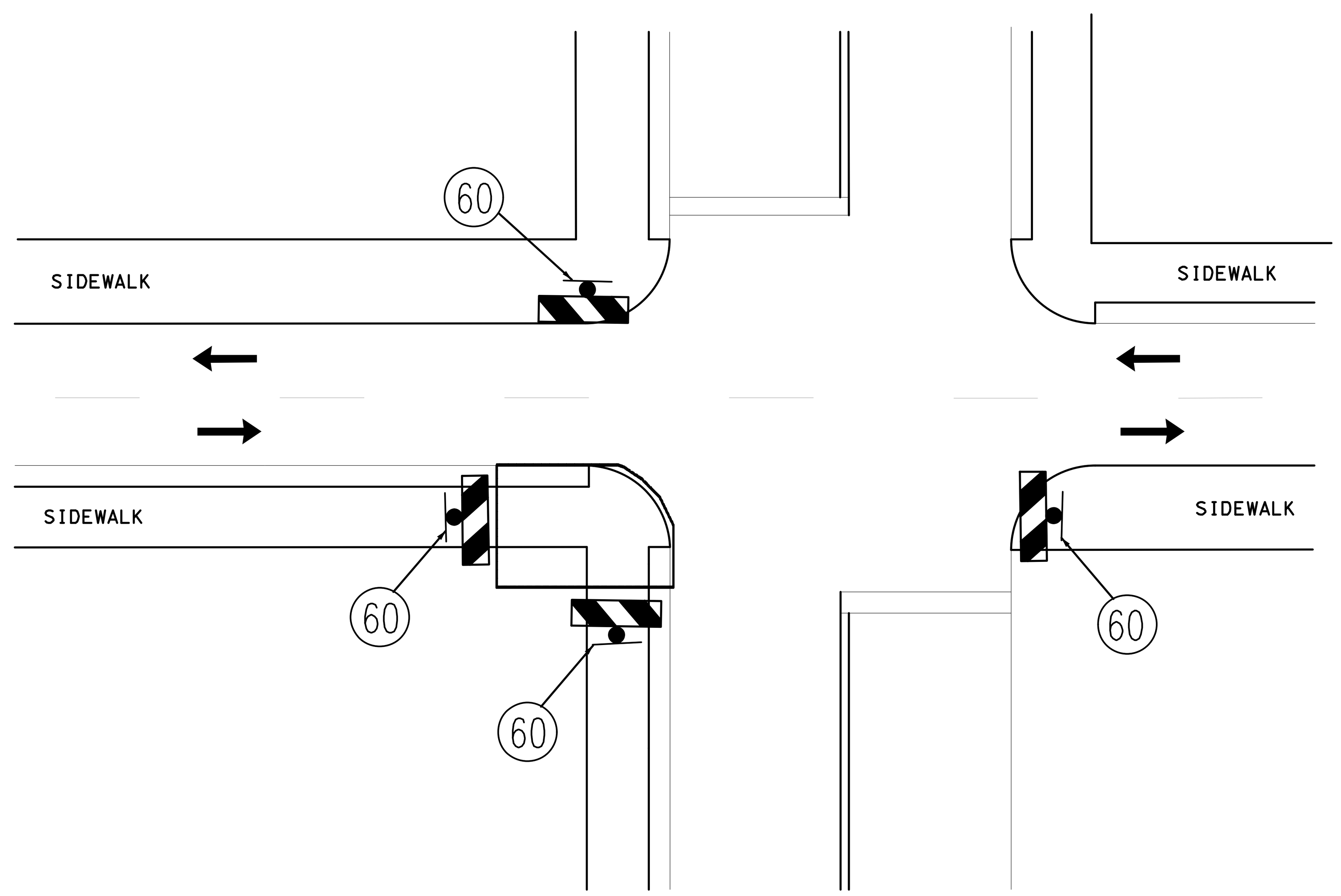
ORANGE PLASTIC SAFETY FENCE



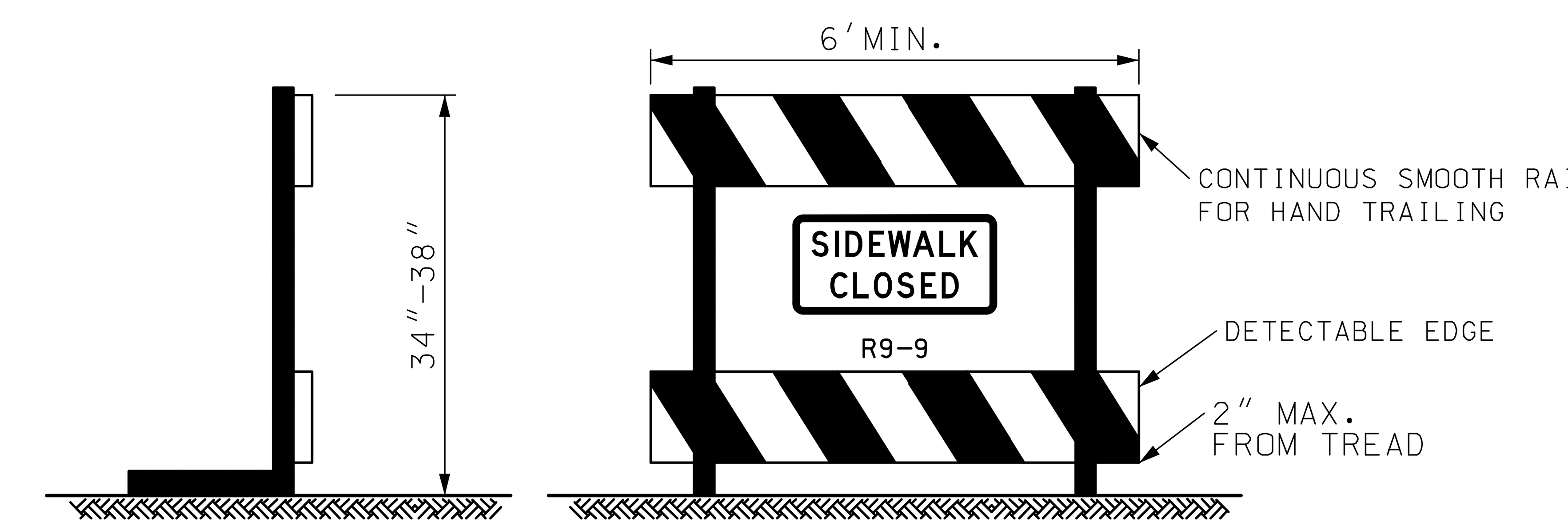
NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST, ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

DUAL-LANE TYPICAL SIDEWALK CLOSURE

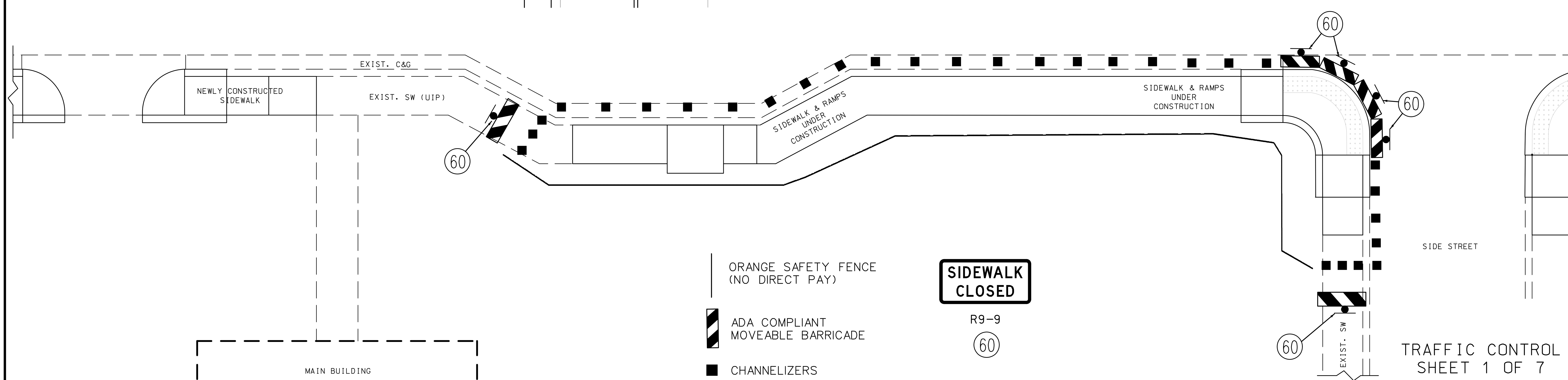
NOT TO SCALE



ADA COMPLIANT MOVEABLE BARRICADE



1. WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
2. CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS IS REQUIRED.
3. NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
4. THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.



NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 87
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
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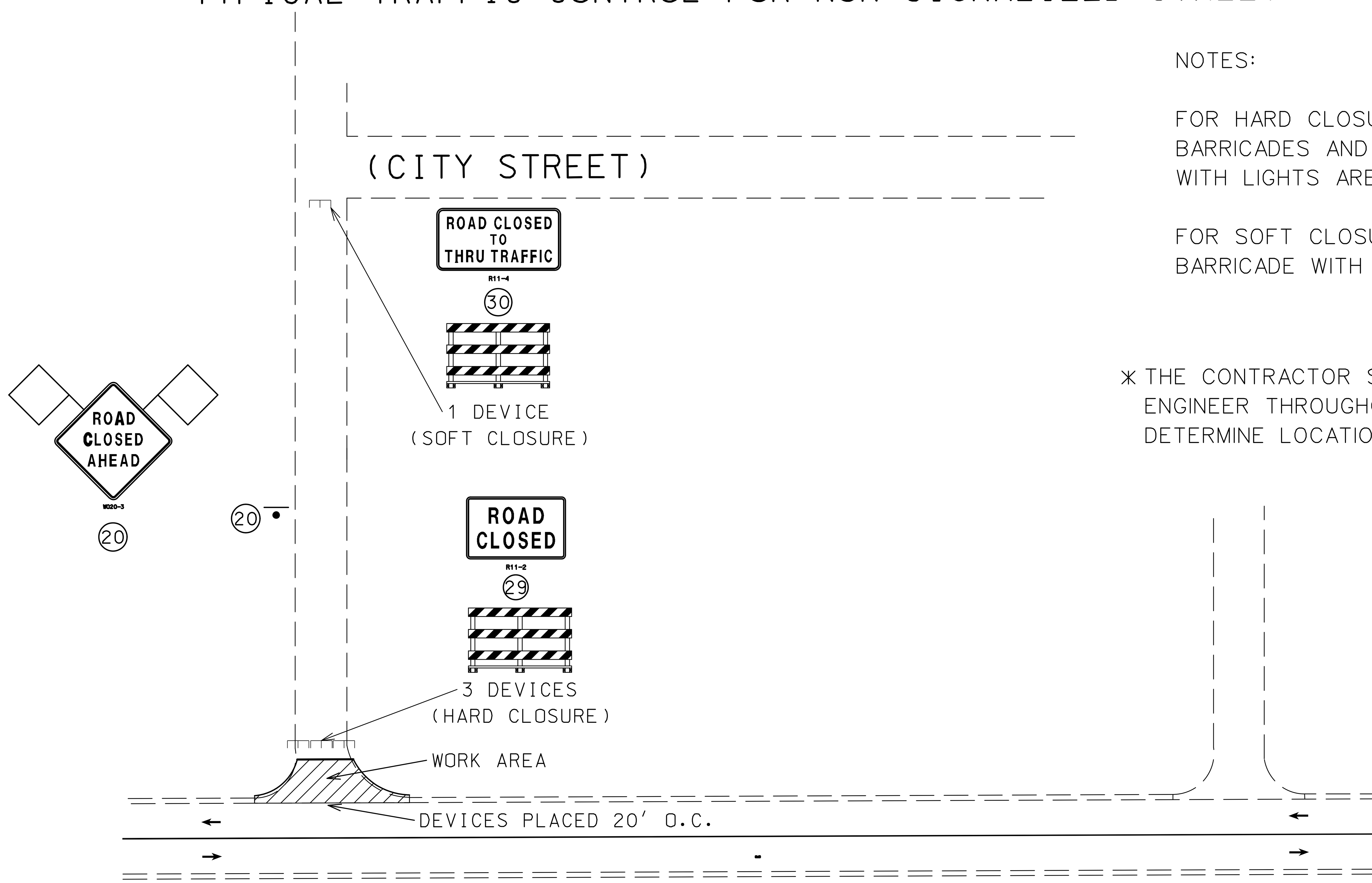
TYPICAL TRAFFIC CONTROL FOR NON-SIGNALIZED STREET



NOTES:

FOR HARD CLOSURE, TWO TYPE 3 BARRICADES AND ONE TYPE 3 BARRICADE WITH LIGHTS ARE REQUIRED.

FOR SOFT CLOSURE, ONE TYPE 3 BARRICADE WITH LIGHTS IS REQUIRED

* THE CONTRACTOR SHALL WORK WITH THE ENGINEER THROUGHOUT CONSTRUCTION TO DETERMINE LOCATION FOR SOFT CLOSURES.

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	88
COUNTY	JACKSON
JOB NO.	J4P3268H
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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Bartlett & West

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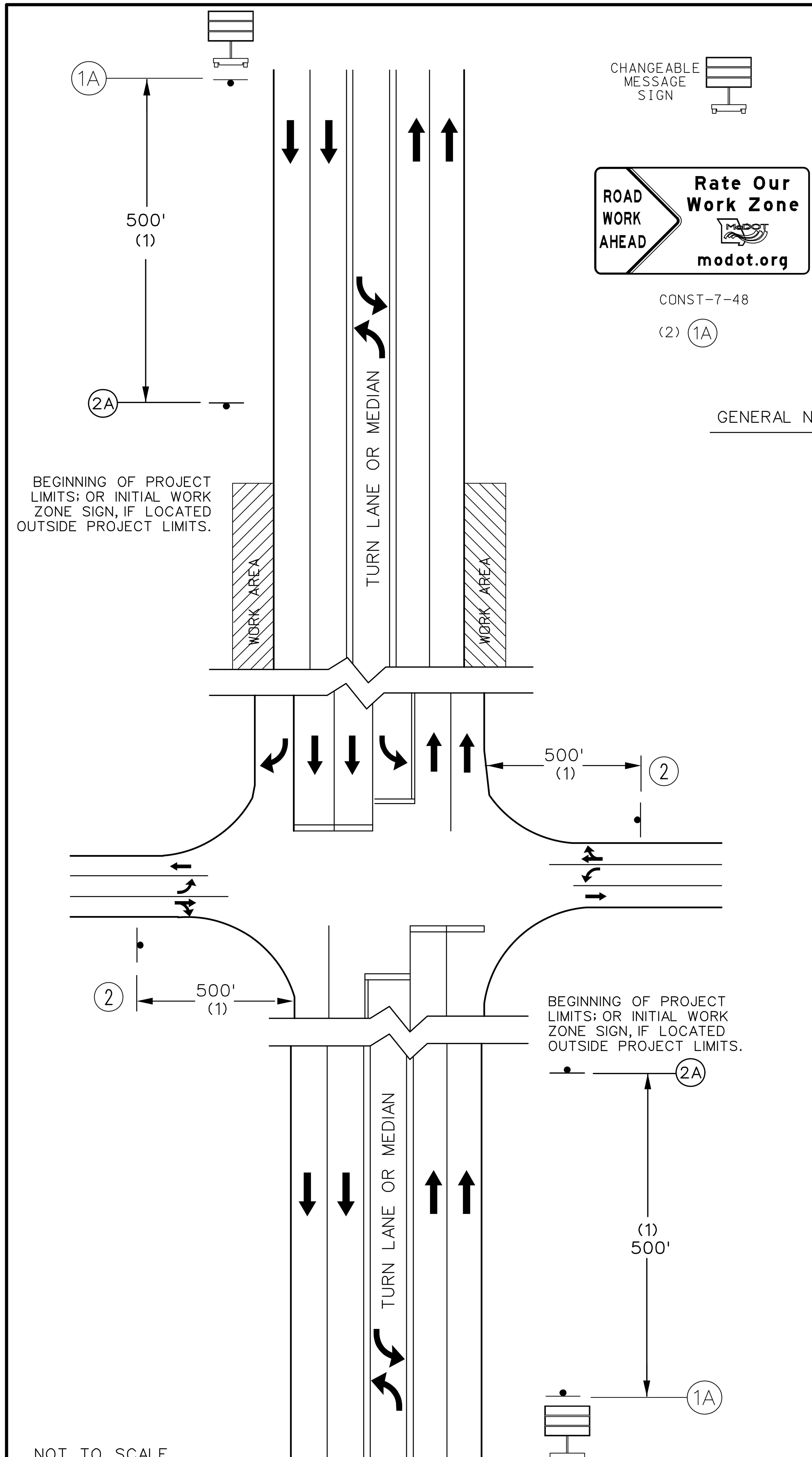
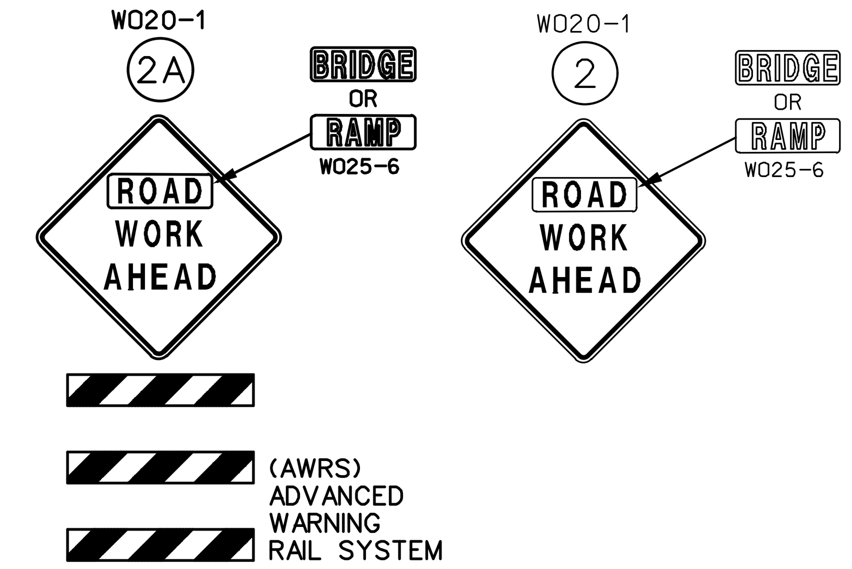
TRAFFIC CONTROL
SHEET 2 OF 7

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/088_TC_02_07_DUAL_BARRICADES_J4P3268H_I20.dgn 1:05:45 AM 11/15/2025

EFFECTIVE: 06-08-2016
REVISED (ADA): 01-04-2017





SIGN (2A) WITH AWRS MUST BE GROUND OR SKID MOUNTED.

SIGN SPACING FOR ADVANCE SIGN SERIES

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

SPEED MPH (S)	NON-DIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200 FT	200 FT
40-45	350 FT	500 FT
50-55	500 FT	1000 FT
60-70	1000 FT	1000 FT

GENERAL NOTES:

1. ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
3. SEE STANDARD DRAWING 616.10 AND 620.10 FOR ADDITIONAL DETAILS, AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
4. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
5. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
6. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS OR FLASHING ARROW PANEL.
7. NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD CONDITIONS AS APPROVED BY THE ENGINEER.
8. ALL SIGNS, EXCEPT "RATE OUR WORK ZONE" SIGN, SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
10. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
11. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
12. ALL PEDESTRIAN TRAFFIC CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE CURB RAMP & SIDEWALK IS OPENED FOR PEDESTRIAN TRAVEL.
13. PEDESTRIAN TRAFFIC CONTROL SIGNS MAY BE MOUNTED ON PORTABLE MOUNTS AT 1 FT. PROVIDED THEY DO NOT INTERFERE WITH PEDESTRIAN MOVEMENT OR BE OBSTRUCTED BY PARKING. OTHERWISE, SIGNS SHALL BE MOUNTED AT 7 FT.
14. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.

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

(2) THE "RATE OUR WORK ZONE" SIGN IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS, THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, THIS SIGN WILL BE OUTSIDE OF THE PROJECT LIMITS.

THE "RATE OUR WORK ZONE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48" X 24" SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT RIGHTS OF WAY FOR A SIX FOOT WIDE SIGN. THE 72" X 36 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48" X 24" SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

NOT TO SCALE

BEGIN/END OF PROJECT SIGNING

MULTI-LANE

TRAFFIC CONTROL
SHEET 3 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	89
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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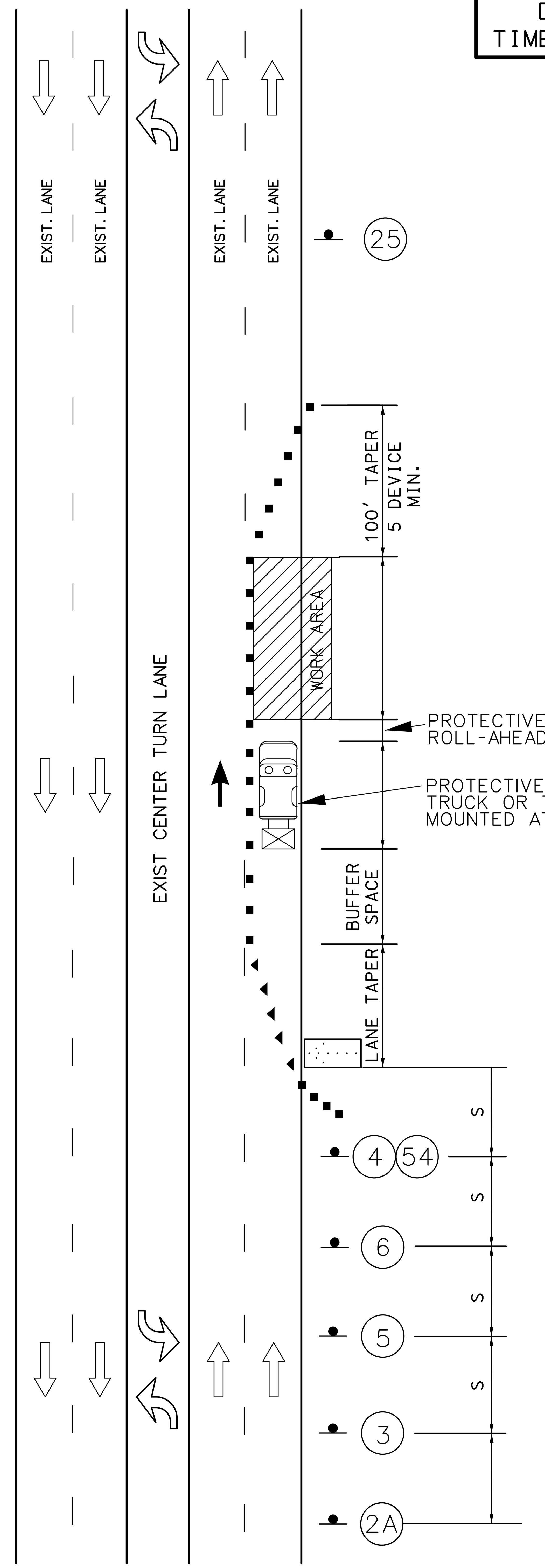
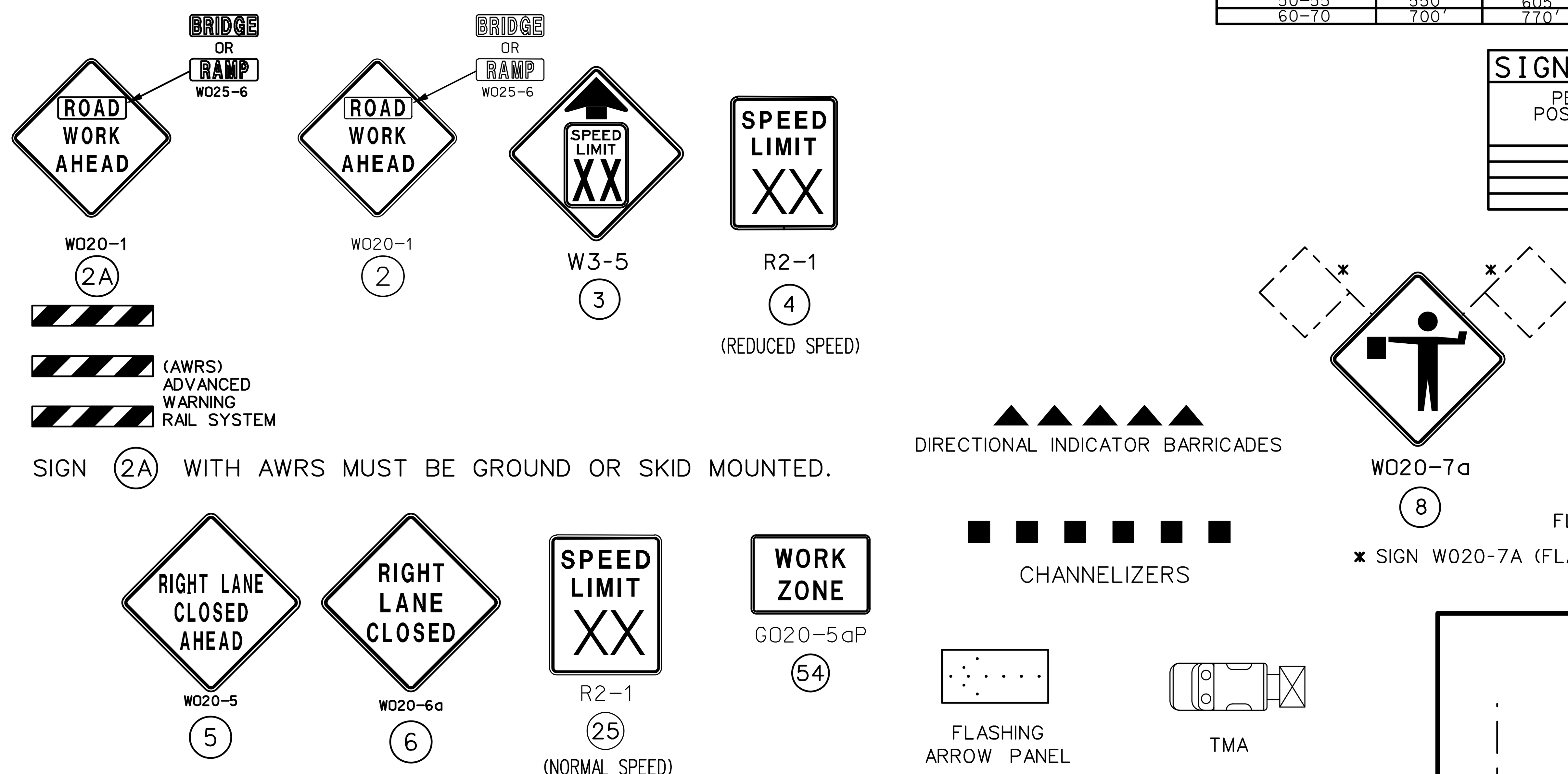
SIGNING REFLECTS
DAY OR NIGHT
TIME WORKING HOURS

EFFECTIVE: 06-08-2016
REVISED (ADA): 01-04-2017



MULTI-LANE
OUTSIDE LANE CLOSURE - DAY OR NIGHT

NOT TO SCALE



NIGHT TIME WORK HOURS
7:30 PM - 7:30 AM

* SIGN W020-7A (FLAGGER SYMBOL) FLAGS ARE SUBSIDIARY TO THE SIGN. NO DIRECT PAY.

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER	BUFFER LENGTH FT.	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

SIGN SPACING FOR ADVANCED SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA- 1000' SB- 1500' SC- 2640'

NOTES:

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

(2) SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

NOTES:

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

IN TAPER SECTIONS: QUANTITY OF TRIMLINE CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAX. CHANNELIZER SPACING IN THE CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES (NO DIRECT PAY)

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

NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD CONDITONS AS APPROVED BY THE ENGINEER.

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

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

ALL SIGNS, EXCEPT "RATE OUR WORK ZONE" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.

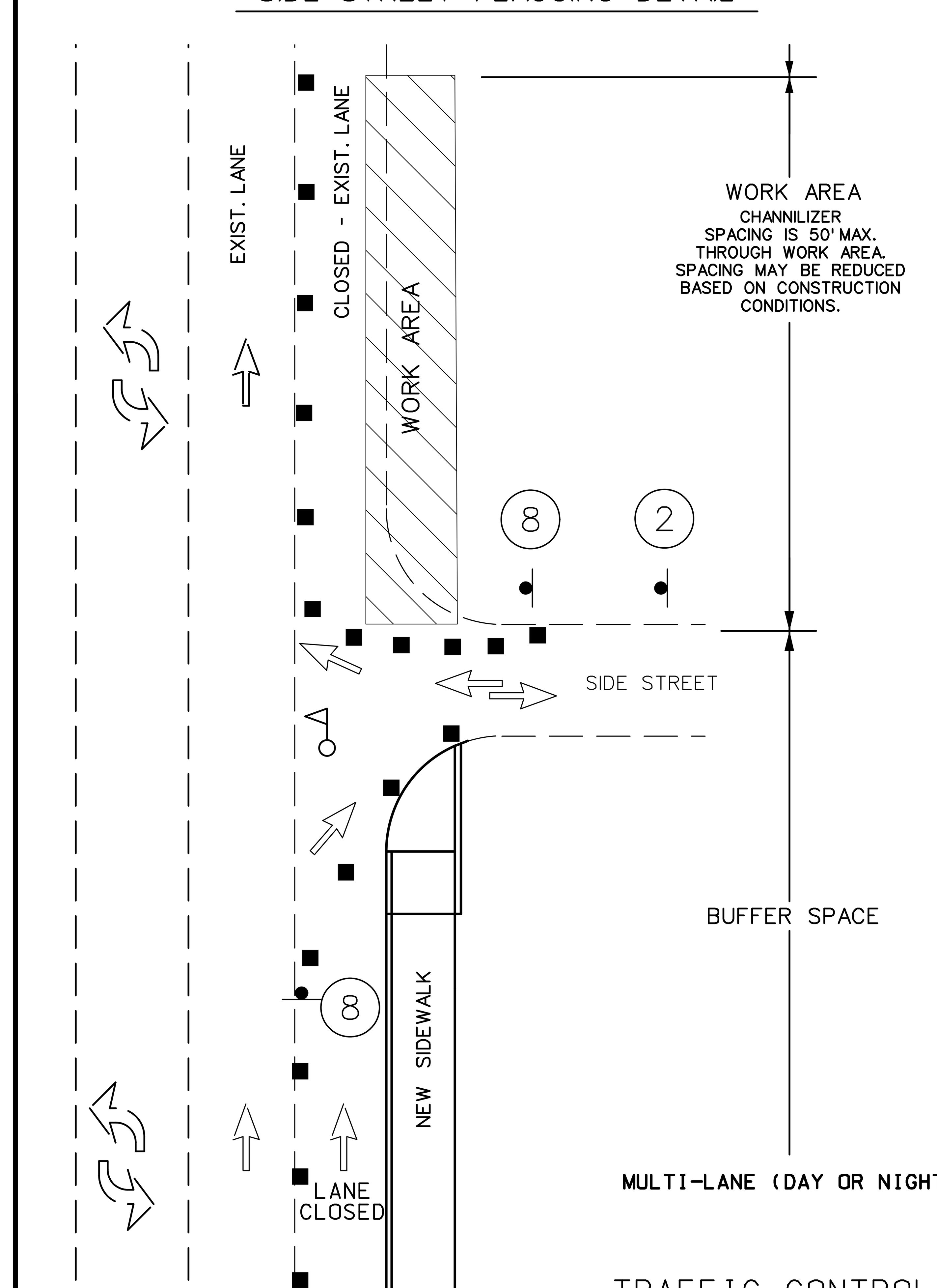
WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER. SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.

THE 40' MAX. CHANNELIZER SPACING WITHIN THE WORK ZONE AREA MAY BE REDUCED BASED ON CONSTRUCTION CONDITIONS.

(1) SIGN 5 MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

SIDE STREET FLAGGING DETAIL



MULTI-LANE (DAY OR NIGHT)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 90
COUNTY JACKSON	
JOB NO. J4P3268H	
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

Bartlett & West

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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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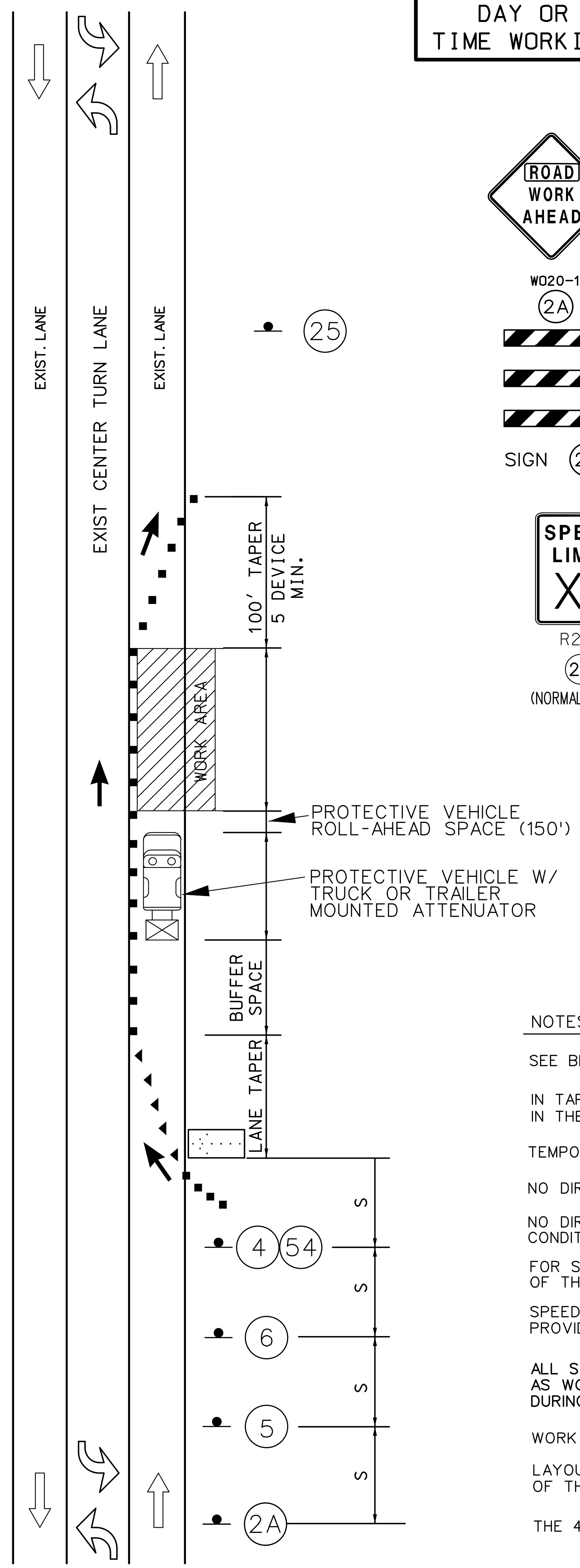
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

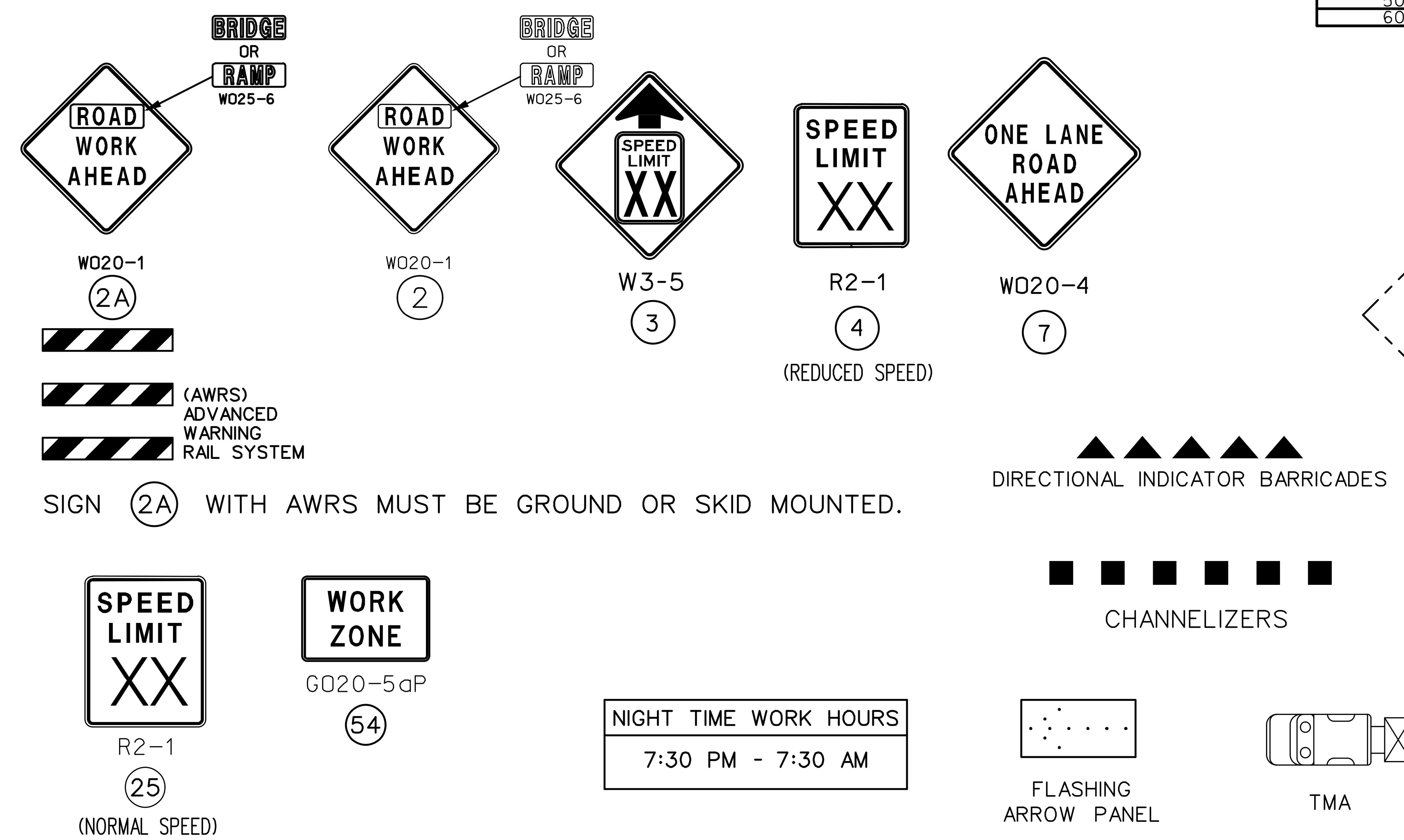
SIGNING REFLECTS DAY OR NIGHT TIME WORKING HOURS

EFFECTIVE: 06-08-2016
REVISED (ADA): 01-04-2017



TWO-WAY LEFT TURN LANE
OUTSIDE LANE CLOSURE - DAY OR NIGHT

NOT TO SCALE



SIGN (2A) WITH AWRS MUST BE GROUND OR SKID MOUNTED.

NIGHT TIME WORK HOURS
7:30 PM - 7:30 AM

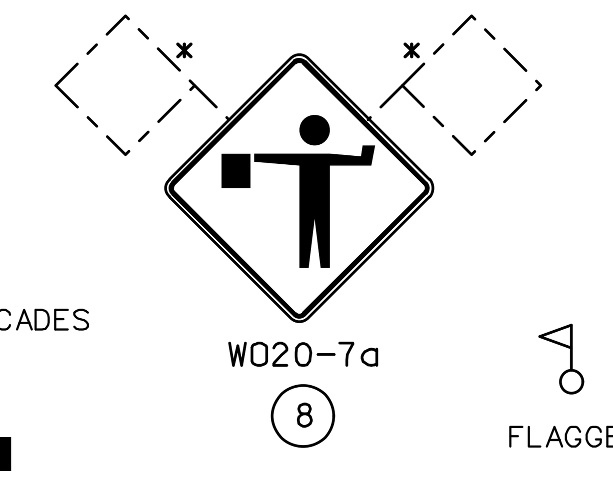
TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER	BUFFER LENGTH FT.	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

SIGN SPACING FOR ADVANCED SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA- 1000' SB- 1500' SC- 2640'

NOTES:

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

(2) SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.



* SIGN W020-7A (FLAGGER SYMBOL) FLAGS ARE SUBSIDIARY TO THE SIGN. NO DIRECT PAY.

NOTES:

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

IN TAPER SECTIONS: QUANTITY OF TRIMLINE CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAX. CHANNELIZER SPACING IN THE CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES (NO DIRECT PAY)

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

NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD CONDITONS AS APPROVED BY THE ENGINEER.

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

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

ALL SIGNS, EXCEPT "RATE OUR WORK ZONE" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.

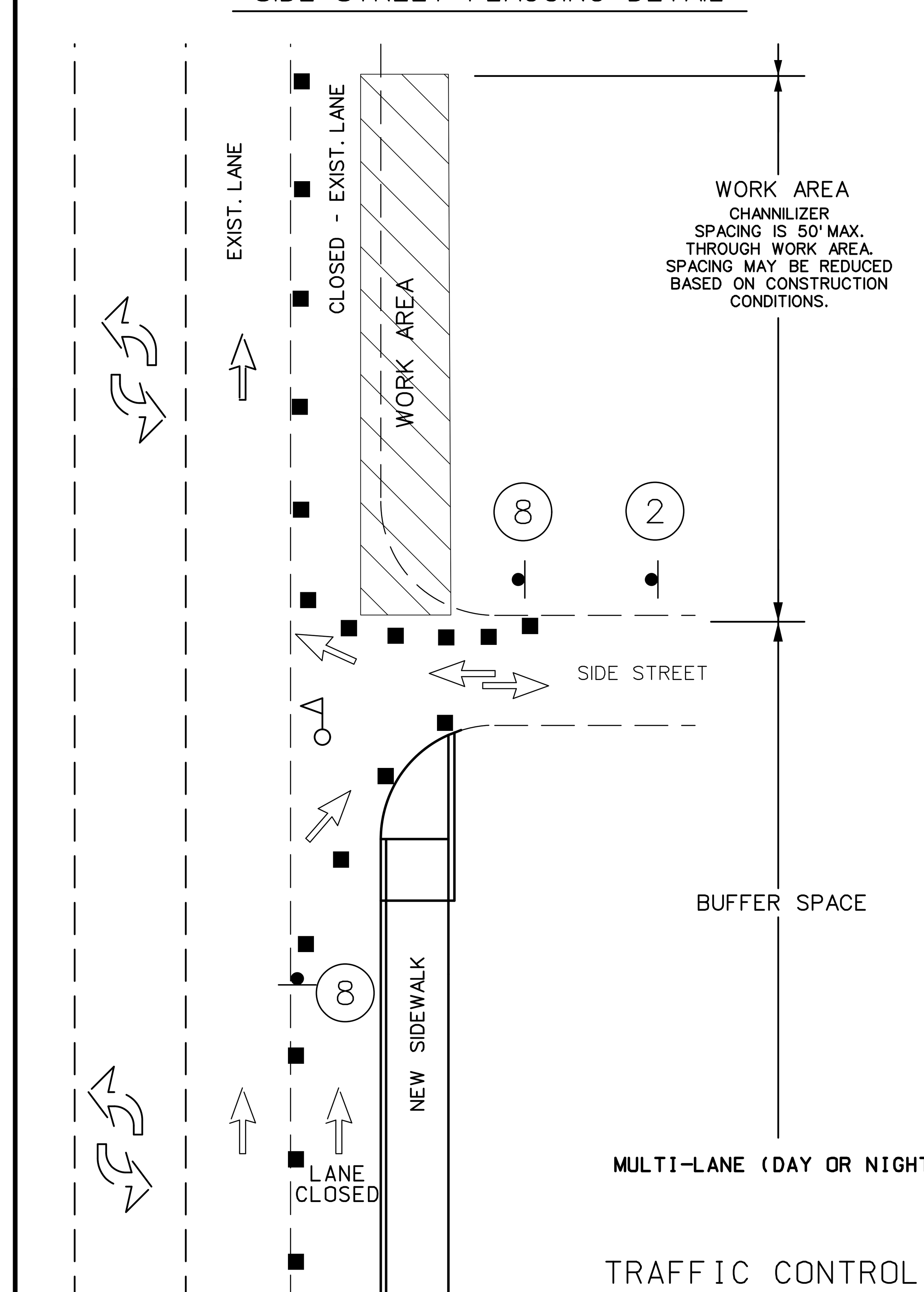
WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER. SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.

THE 40' MAX. CHANNELIZER SPACING WITHIN THE WORK ZONE AREA MAY BE REDUCED BASED ON CONSTRUCTION CONDITIONS.

(1) SIGN (5) MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

SIDE STREET FLAGGING DETAIL



MULTI-LANE (DAY OR NIGHT)

NOT TO SCALE

TRAFFIC CONTROL SHEET 5 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	91
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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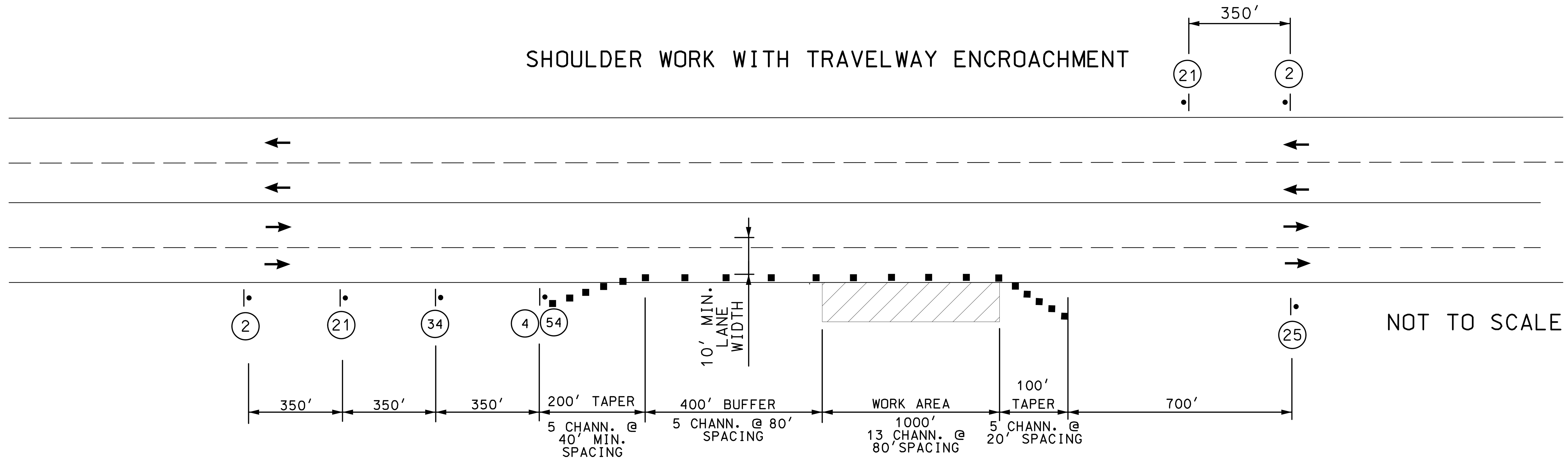
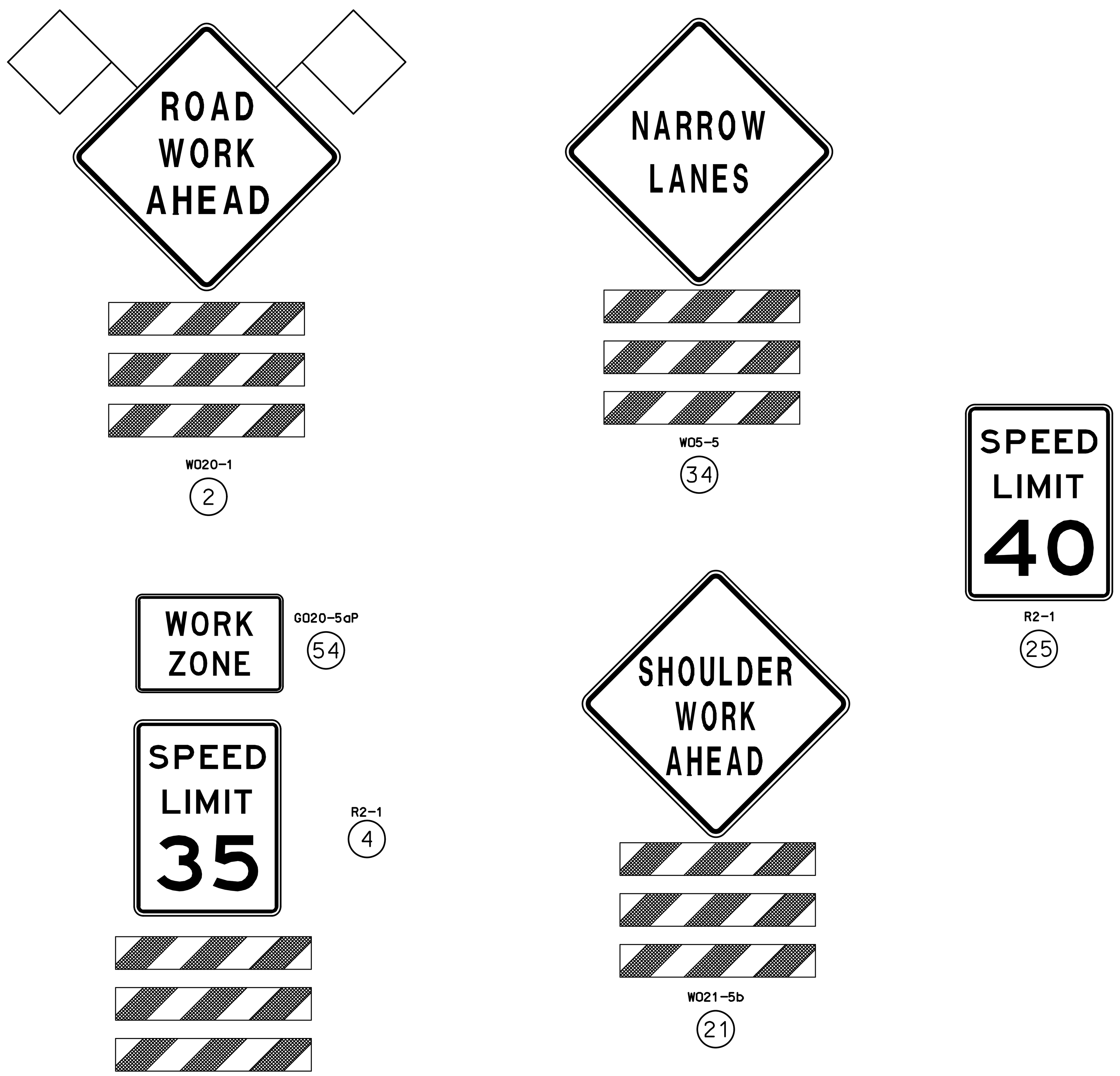
pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/091_TC_05_07_DUAL_LANE_WITH_LEFT_TURN_LANE_J4P3268H_11.dgn 1:06:14 AM 11/15/2025

SHOULDER WORK WITH TRAVELWAY ENCROACHMENT





NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. ANY EXISTING SIGNS THAT CONFLICT WITH TRAFFIC CONTROL SHALL BE COVERED OR REMOVED.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKINGS AS NEEDED.
5. LANE WIDTHS SHALL BE A MINIMUM OF 10'.
6. CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESSES DURING CONSTRUCTION. CLOSURE OF SIDE STREETS AND COMMERCIAL ENTRANCES SHALL BE MINIMIZED.
7. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.
8. REDUCED SPEED LIMIT IS POSTED SPEED LIMIT MINUS 10 MPH WITH A MINIMUM SPEED LIMIT OF 35 MPH.
9. FLAGS ARE REQUIRED FOR DAY TIME HOURS ONLY.

TRAFFIC CONTROL LEGEND

•	SIGN (SINGLE SIDED)
■	CHANNELIZERS (TRIMLINE)
▨	WORK AREA

TRAFFIC CONTROL
SHEET 6 OF 7

STATE OF MISSOURI MELISSA ANN WILBERS NUMBER PE-2007002853 PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	92
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OF INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

EFFECTIVE: 06-08-2016
REVISED (ADA): 01-04-2017

TAPER LENGTHS AND SPACING FOR CHANNELIZERS

PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH 10'	11'	12'	MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER	BUFFER LENGTH FT.	MAXIMUM CHANNELIZER SPACING THROUGH TAPER	THROUGH WORK AREA
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SIGN SPACING FOR ADVANCED SIGN SERIES (1) (2)

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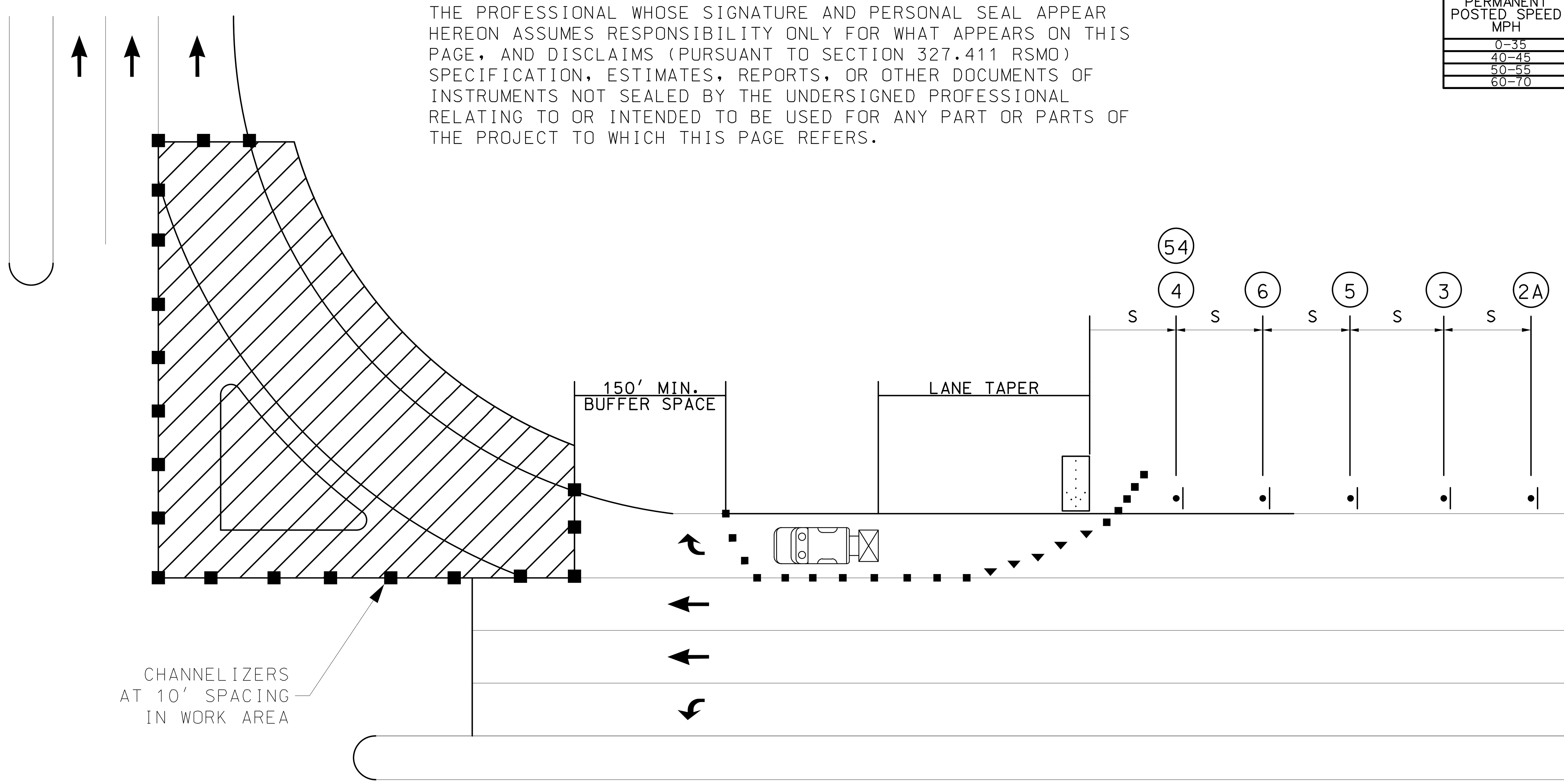
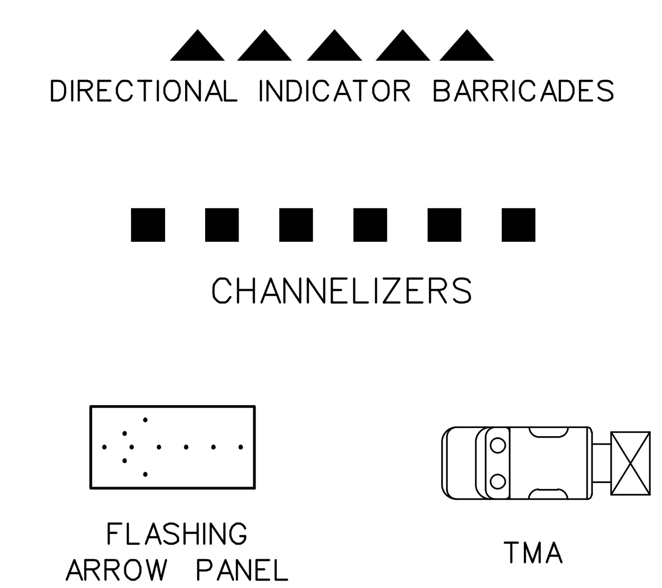
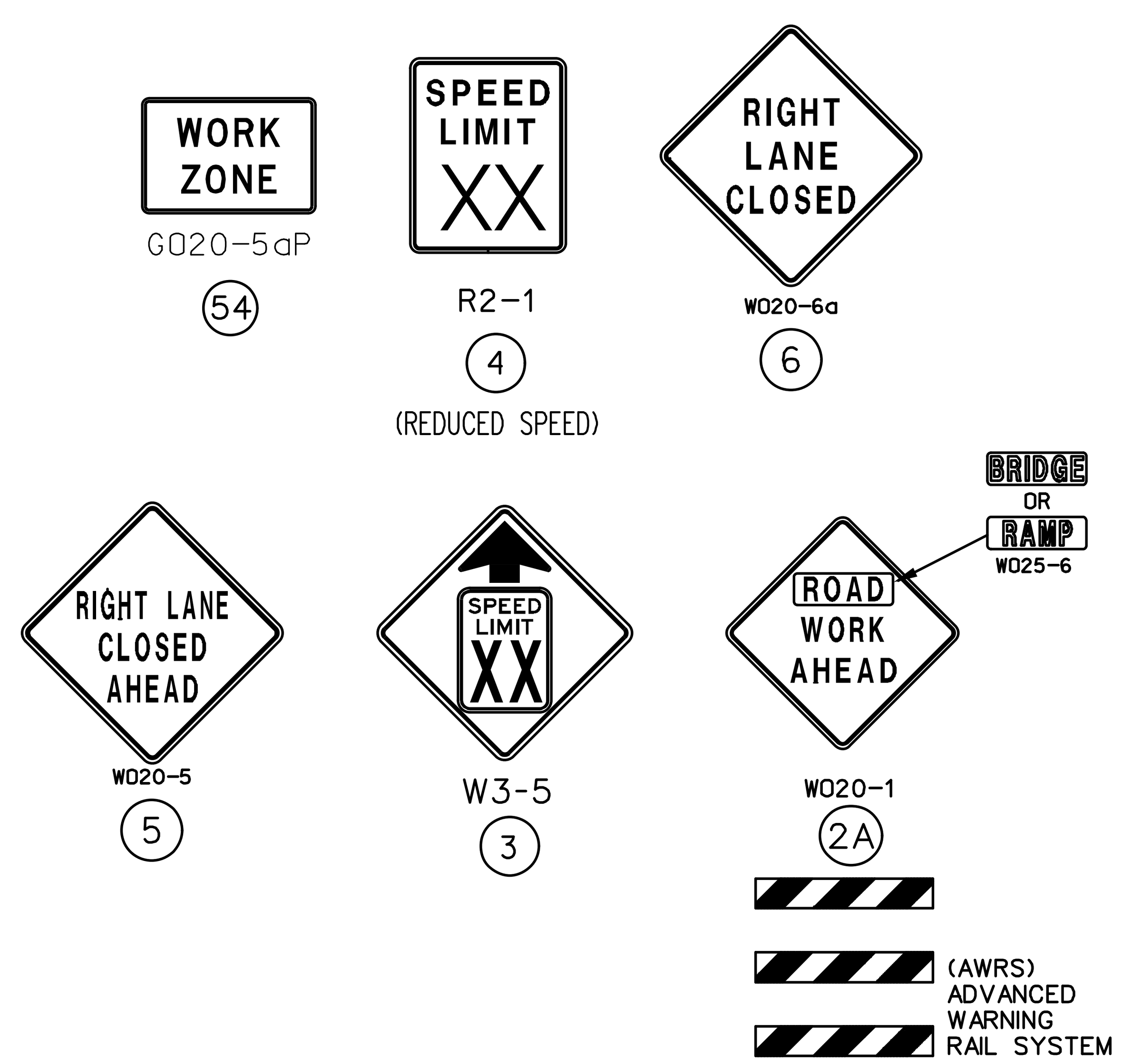




NIGHT TIME WORK HOURS
7:30 PM - 7:30 AM



SIGN (2A) WITH AWRS MUST BE GROUND OR SKID MOUNTED.

NOTES:

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

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ISLAND RECONSTRUCTION CLOSURES

FULL CLOSURES

NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 7

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	93
COUNTY	JACKSON
JOB NO.	J4P3268H
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

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

CREATED: 12-03-2017

NOTES:

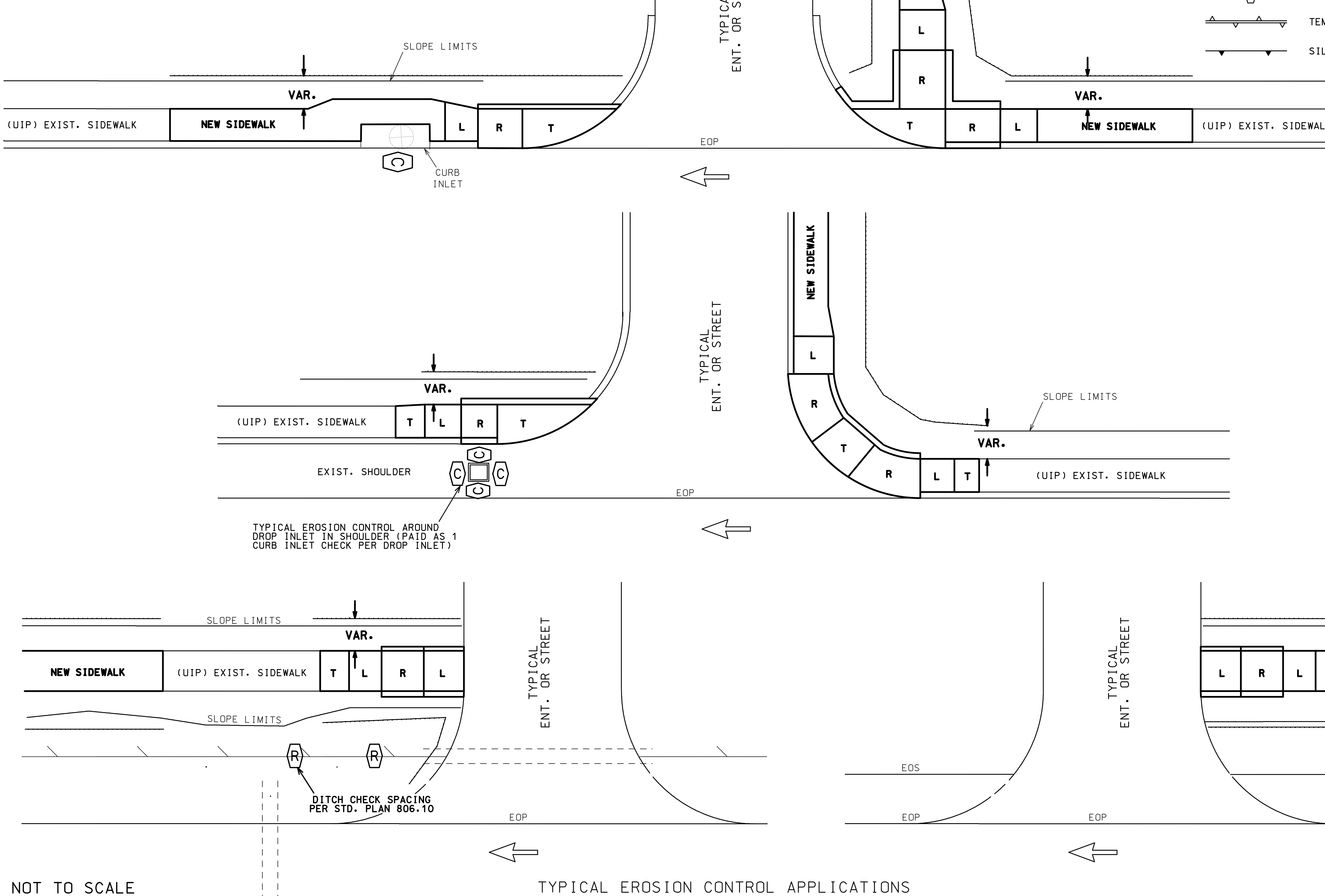
(1) SILT FENCE SHALL BE PLACED IN ALL GRASSY OR OTHER AREAS AS APPROVED BY THE ENGINEER. THE SILT FENCE SHALL BE LOCATED WITHIN THE R.O.W., EXCEPT AS NEEDED WHERE RIGHT-OF-ENTRY HAS BEEN ACQUIRED, OR AT LOCATIONS APPROVED BY THE ENGINEER.

(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 1 OF 1

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	94
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE | DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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SIGNAL QUANTITY SUMMARY

PAY ITEM	DESCRIPTION	UNIT	QUAN	US 71										US 24	ROUTE W	I-435		MO-150		
				TRUMAN	22ND	THE PASEO	29TH	31ST	LINWOOD	55TH	59TH	MEYER	GREGORY	INDEPENDENCE	SUMMIT	WORNALL	STATE LINE	STATE LINE	135TH	138TH
				SG SH.3	SG SH.4	SG SH.5	SG SH.6	SG SH.7	SG SH.8	SG SH.9	SG SH.10	SG SH.11	SG SH.12	SG SH.2	SG SH.14	SG SH.18	SG SH.21	SG SH.24	SG SH.27	SG SH.30
902.08-11	SIGNAL HEAD, TYPE 1S, PEDESTRIAN	EA	54	1	2	2	6	1	2	1	2	5	5	4	1	6	2		6	8
902.27-04	POST, SIGNAL 4 FT.	EA	18	1	3	1	3		3	1		1	4		1					
902.27-08	POST, SIGNAL 8 FT.	EA	27	1	2	2	6	1	2	1	2	6	1	3						
902.27-15	POST, SIGNAL 15 FT.	EA	23											1	2	4	2		6	8
902.49-21	ACCESSIBLE PEDESTRIAN SIGNAL	EA	117	2	5	3	9	8	10	8	8	17	17	4	4	6	2		6	8
902.50-20	CONDUIT, 1 IN., LOOP DETECTOR WITH TRACER WIRE	LF	43					23	20											
902.53-00	CONDUIT, 3 IN., TRENCH WITH TRACER WIRE	LF	1,119	14	72	36	149	19	100	42	21	252	57	105	61	66	9	4	35	77
902.54-00	CONDUIT, 4 IN., TRENCH WITH TRACER WIRE	LF	34					34												
902.63-00	CONDUIT, 3 IN., MEDIAN WITH TRACER WIRE	LF	67												7		9		32	19
902.73-00	CONDUIT, 3 IN., PUSHED WITH TRACER WIRE	LF	1,305		48			167	71			143	229	200	80	112	106			149
902.74-00	CONDUIT, 4 IN., PUSHED WITH TRACER WIRE	LF	156				156													
902.83-08	CABLE, 16 AWG 2 CONDUCTOR	LF	23,110	130	1,620	410	2,260	560	3,270	690	790	2130	3050	510	1,070	2,610	260	100	1,620	2,030
902.83-10	CABLE, 16 AWG 5 CONDUCTOR	LF	17,040	100	970	210	1,680	570	870	150	790	1,720	1740	510	1,080	2,620	270	100	1,620	2,040
902.83-11	CABLE, 16 AWG 7 CONDUCTOR	LF	4,480				360	850						2,970	300					
902.85-00	CABLE, LOOP DETECTOR, IN DUCT	LF	2,760					2,180	580											
902.85-10	CABLE, LOOP DETECTOR, LEAD-IN	LF	2,650					1,590	1,060											
902.88-11	PULL BOX, PREFORMED CLASS 2	EA	17		1		1	1	1					1	1	1	2		4	4
902.91-00	BASE, CONCRETE	CY	36.7	0.9	2.2	1.3	7.2	0.4	2.2	0.9	0.9	3.1	3.5	1.8	2.2	2.2	0.9	0.9	2.6	3.5
902.99-02	MISC. {PUSH BUTTON EXTENSION}	EA	2						1				1							
902.99-02{1}	MISC. {RELOCATE COUNTDOWN PEDESTRIAN SIGNAL HEAD}	EA	6												4			2		
902.99-02{2}	MISC. {RELOCATE EXISTING APS}	EA	3												1			2		
902.99-02{3}	MISC. {RELOCATE EXISTING SIGNAL POST}	EA	3												2	1				
902.99-02{4}	MISC. {RESET EXISTING SIGNAL POST}	EA	2															2		

*SIGNAL QUANTITIES SHOWN ON THIS SHEET ARE FOR INFORMATIONAL PURPOSES ONLY. SEE INDIVIDUAL SIGNAL SHEETS FOR OFFICIAL QUANTITIES.

SIGNAL SHEET 1 OF 31
(SIGNAL QUANTITY SUMMARY)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/15/2025
ROUTE VAR
STATE MO
DISTRICT KC
SHEET NO. 95
COUNTY JACKSON
JOB NO. J4P3268H
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

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

Bartlett & West
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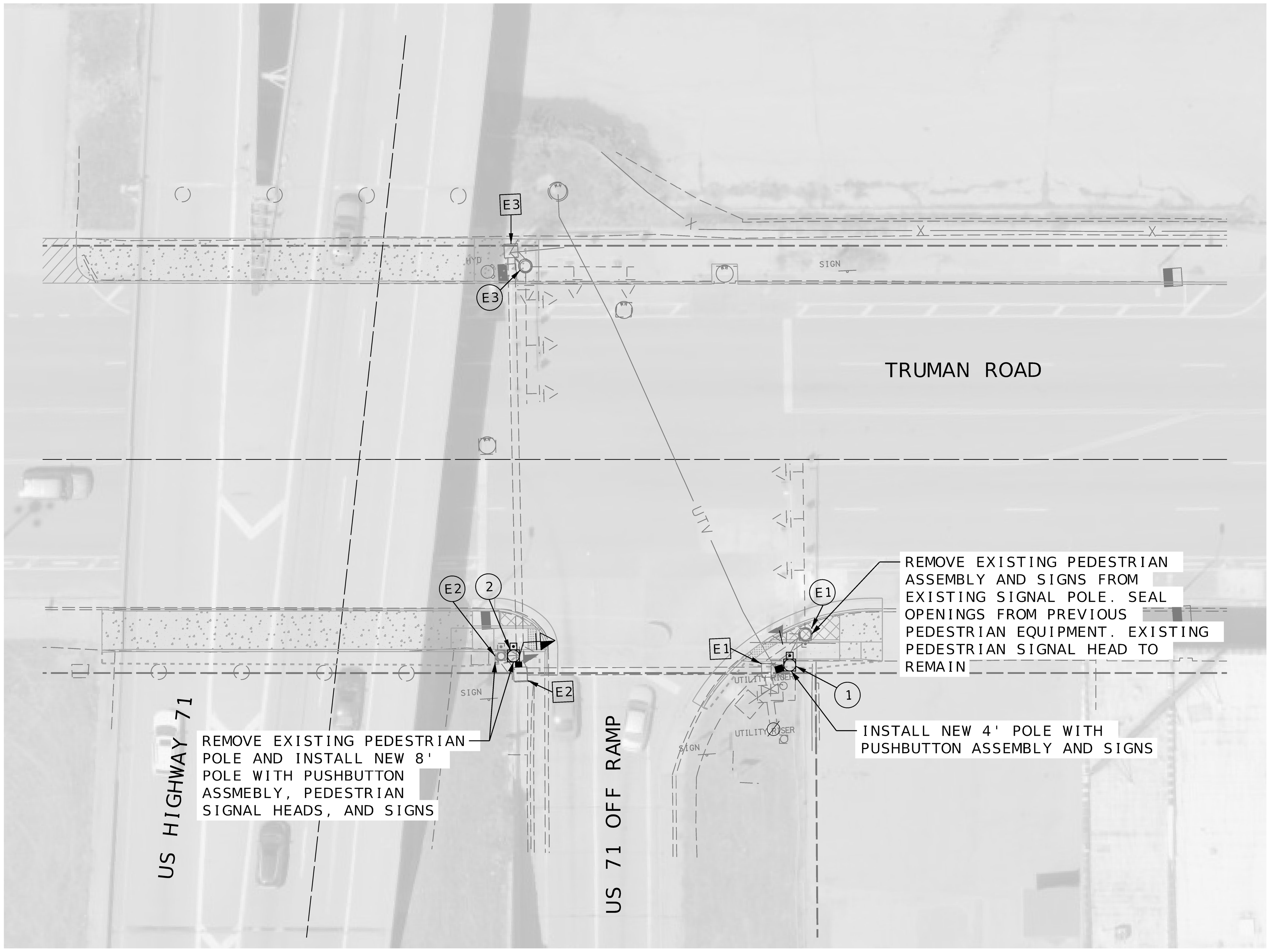
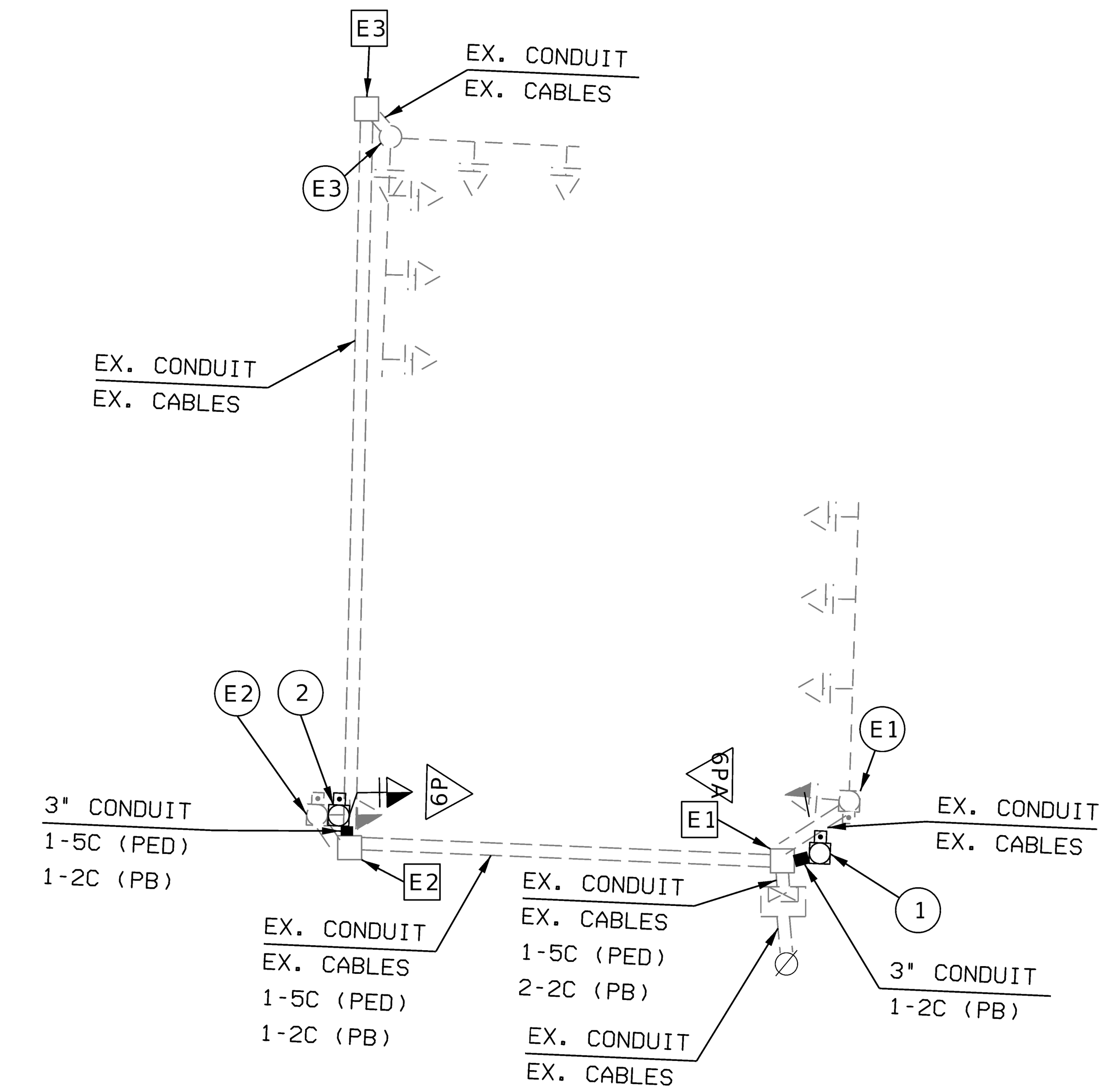
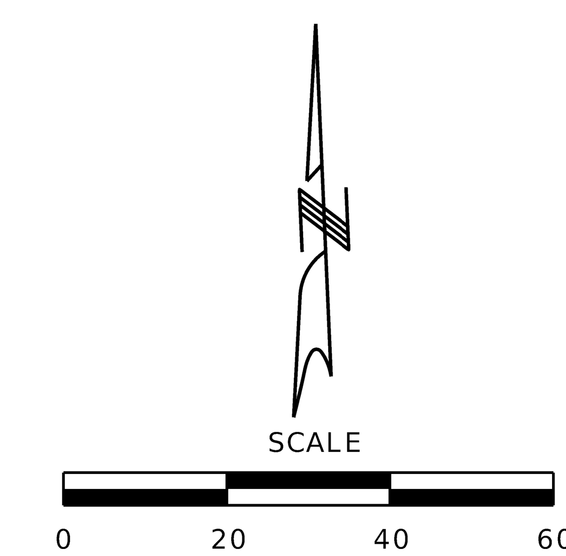


WIRING DIAGRAM





CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
E1	1	5	TRENCHED	3"	7
E2	2	5	TRENCHED	3"	7
TOTALS				1.5"	
				3"	14
				4"	

CABLE								
FROM	TO	DISTANCE (FEET)	DEVICE FROM	DEVICE TO	PEDESTRIAN DETECTOR (POLE INSTALLATION)* 2c (LF)	PEDESTRIAN DETECTOR (POLE INSTALLATION)* 5c (LF)	LEAD IN 1c (LF)	TRAFFIC SIGNAL (POLE INSTALLATION)* 7c (LF)
CA	1	10	CA	6PA-PB	33			
CA	2	68	CA	6P	97	98		
TOTALS					130	100		

* SUBSIDIARY TO COST OF ASSEMBLY.

ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	2
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	1
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	1
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
PUSHBUTTON EXTENSION ARM	EACH	

* SUBSIDIARY TO COST OF ASSEMBLY.

DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
6A	6	1	
6	6	1	1
TOTALS		2	1

BASES, POLES AND PULL BOXES							
LOCATIONS	NO. POST	NO. PULL BOX	POST PEDESTAL POLE 4 FT	POST PEDESTAL POLE 8 FT	POST PEDESTAL POLE 15 FT	BASE C	PULL BOX TYPE I
NW CORNER							
NE CORNER							
SE CORNER	1		1			0.44	
SW CORNER	2			1		0.44	
TOTALS			1	1		0.9	

NOTES:

1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSERY.

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JCT JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS ITS PULL BOX TYPE 2
- ITS ITS PULL BOX TYPE 5
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- M M M M CONDUIT MEDIAN
- CONDUIT PUSHED
- B B B B CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

US 71 AT TRUMAN ROAD

SIGNAL PLAN
SHEET 2 OF 31

STATE OF MISSOURI
JOSHUA PUDLOWSKI
NUMBER PE-2021009515
PROFESSIONAL ENGINEER
Joshua Pudlowski Date: 2025.11.14 17:07:30-06'00'

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	96
COUNTY	JACKSON
JOB NO.	J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

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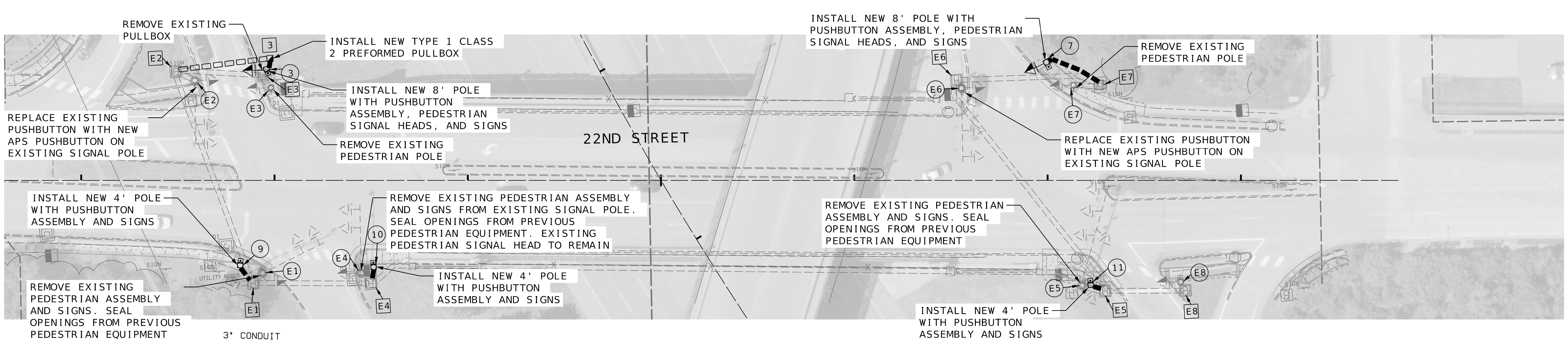
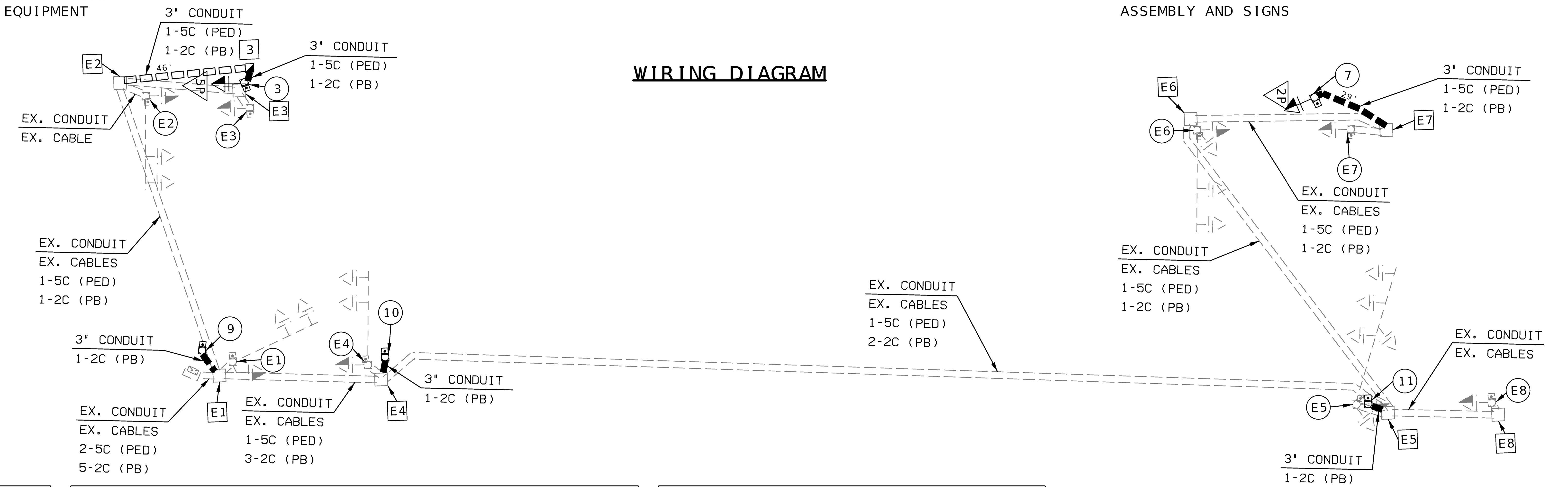
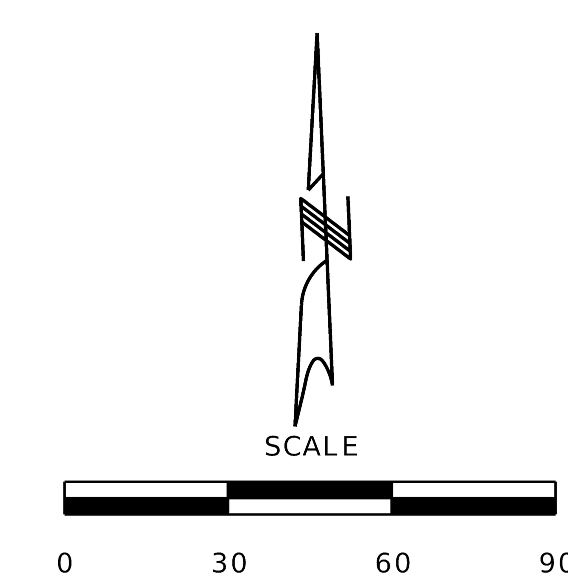


WIRING DIAGRAM





CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
E1	9	9	TRENCHED	3"	11
E2	3	50	BORED	3"	48
3	3	6	TRENCHED	3"	8
E4	10	9	TRENCHED	3"	11
E5	11	8	TRENCHED	3"	10
E7	7	30	TRENCHED	3"	32
TOTALS			TRENCHED	1.5"	
			TRENCHED	3"	72
			BORED	3"	48

CABLE								
FROM	TO	DISTANCE (FEET)	DEVICE		PEDESTRIAN DETECTOR (POLE INSTALLATION)*		LEAD IN	TRAFFIC SIGNAL (POLE INSTALLATION)*
			FROM	TO	2c (LF)	5c (LF)	1c (LF)	7c (LF)
CA	9	20	CA	6P	43			
CA	3	184	CA	5P	219	220		
CA	10	81	CA	6PA	110			
CA	11	466	CA	1P	501			
CA	7	699	CA	2P	746	747		
TOTALS					1620	970		

* SUBSIDIARY TO COST OF ASSEMBLY.

ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	7
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	2
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	3
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
PUSHBUTTON EXTENSION ARM	EACH	

* SUBSIDIARY TO COST OF ASSEMBLY.

DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
1	1	1	
2	2	1	1
5	5	1	1
6	6	1	
6A	6	1	
TOTALS		5	2

BASES, POLES AND PULL BOXES							
LOCATIONS	NO.		POST			BASE	PULL BOX
	POST	PULL BOX	PEDESTAL POLE			C	TYPE I
			4 FT	8 FT	15 FT		
NW CORNER							
NE CORNER	3, 7	3		2		0.88	1
SE CORNER	10		1			0.44	
SW CORNER	9, 11		2			0.88	
TOTALS			3	2		2.2	1

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JCT JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- M M M M CONDUIT MEDIAN
- CONDUIT PUSHED
- B B B B CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

NOTES:

1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.

US 71 AT 22ND STREET

SIGNAL PLAN
SHEET 3 OF 31

STATE OF MISSOURI
JOSHUA PUDLOWSKI
NUMBER PE-2021009515
PROFESSIONAL ENGINEER
Joshua Pudlowski Date: 2025.11.14 16:55:10-06'00'

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

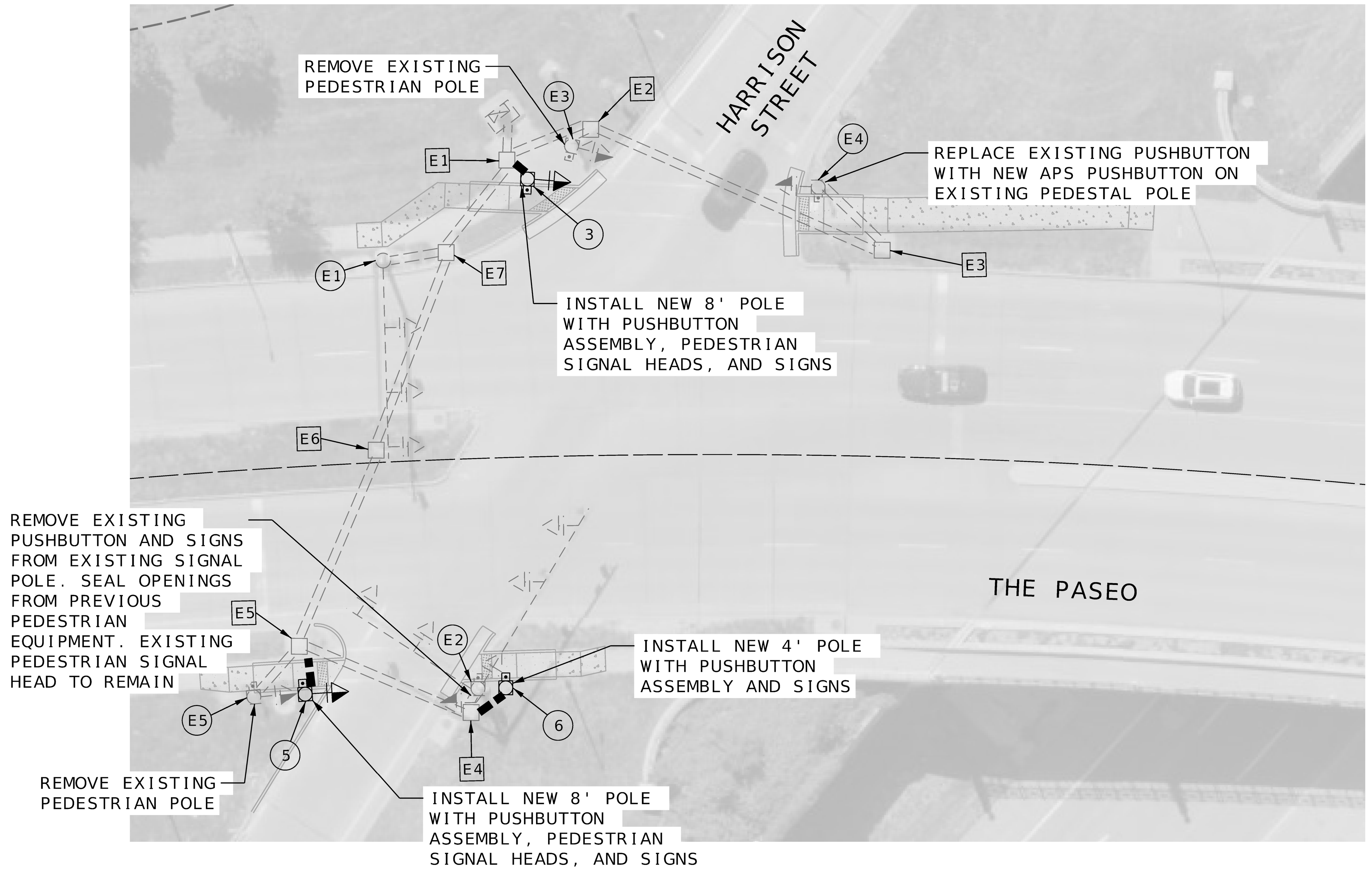
DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	97
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE
DESCRIPTION

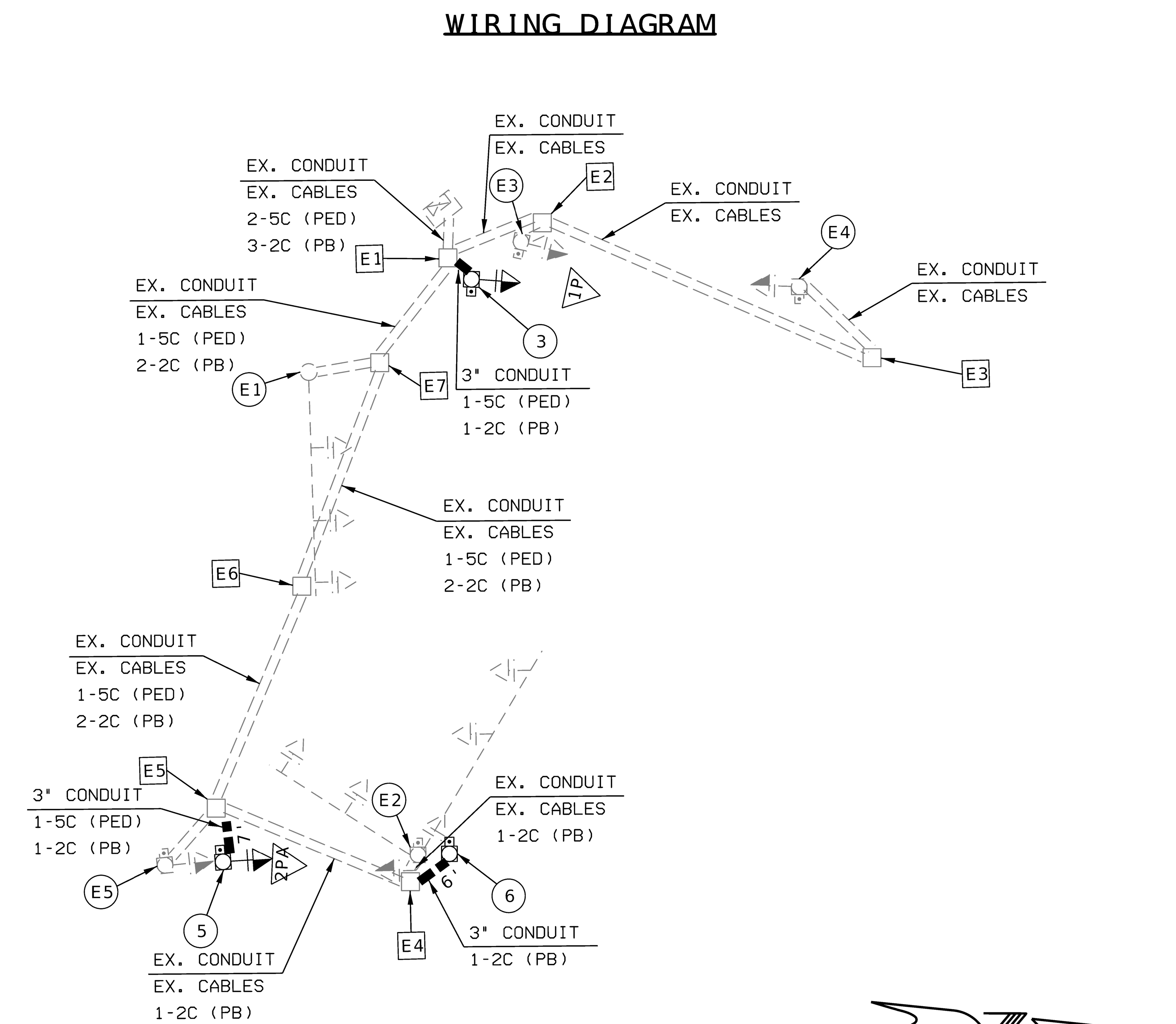
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592



WIRING DIAGRAM



CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
E1	3	11	TRENCHED	3"	13
E5	5	10	TRENCHED	3"	12
E4	6	9	TRENCHED	3"	11
TOTALS				1.5"	
				3"	36
				4"	

CABLE								
FROM	TO	DISTANCE (FEET)	DEVICE FROM	DEVICE TO	PEDESTRIAN DETECTOR (POLE INSTALLATION)* 2c (LF)	5c (LF)	LEAD IN 1c (LF)	TRAFFIC SIGNAL (POLE INSTALLATION)* 7c (LF)
CA	3	21	CA	1P	44	45		
CA	5	118	CA	2PA	159	160		
CA	6	164	CA	2P	211			
TOTALS					410	210		

* SUBSIDIARY TO COST OF ASSEMBLY.

ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	4
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	2
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	1
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
PUSHBUTTON EXTENSION ARM	EACH	

* SUBSIDIARY TO COST OF ASSEMBLY.

DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
1	1	1	1
2	2	1	
2A	2	1	1
TOTALS		3	2

BASES, POLES AND PULL BOXES							
LOCATIONS	NO. POST	NO. PULL BOX	POST PEDESTAL POLE 4 FT	8 FT	15 FT	BASE C	PULL BOX TYPE I
NW CORNER							
NE CORNER	6		1			0.44	
SE CORNER	5			1		0.44	
SW CORNER	3			1		0.44	
TOTALS			1	2		1.3	

NOTES:

1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSERY.

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JCT JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS ITS PULL BOX TYPE 2
- ITS ITS PULL BOX TYPE 5
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- M M M M CONDUIT MEDIAN
- CONDUIT PUSHED
- B B B B CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

US 71 AT THE PASEO

SIGNAL PLAN
SHEET 4 OF 31

STATE OF MISSOURI
JOSHUA PUDLOWSKI
NUMBER PE-2021009515
PROFESSIONAL ENGINEER

Joshua Pudlowski Date: 2025.11.14 16:56:39-06'00'

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

DATE PREPARED	
11/14/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	98
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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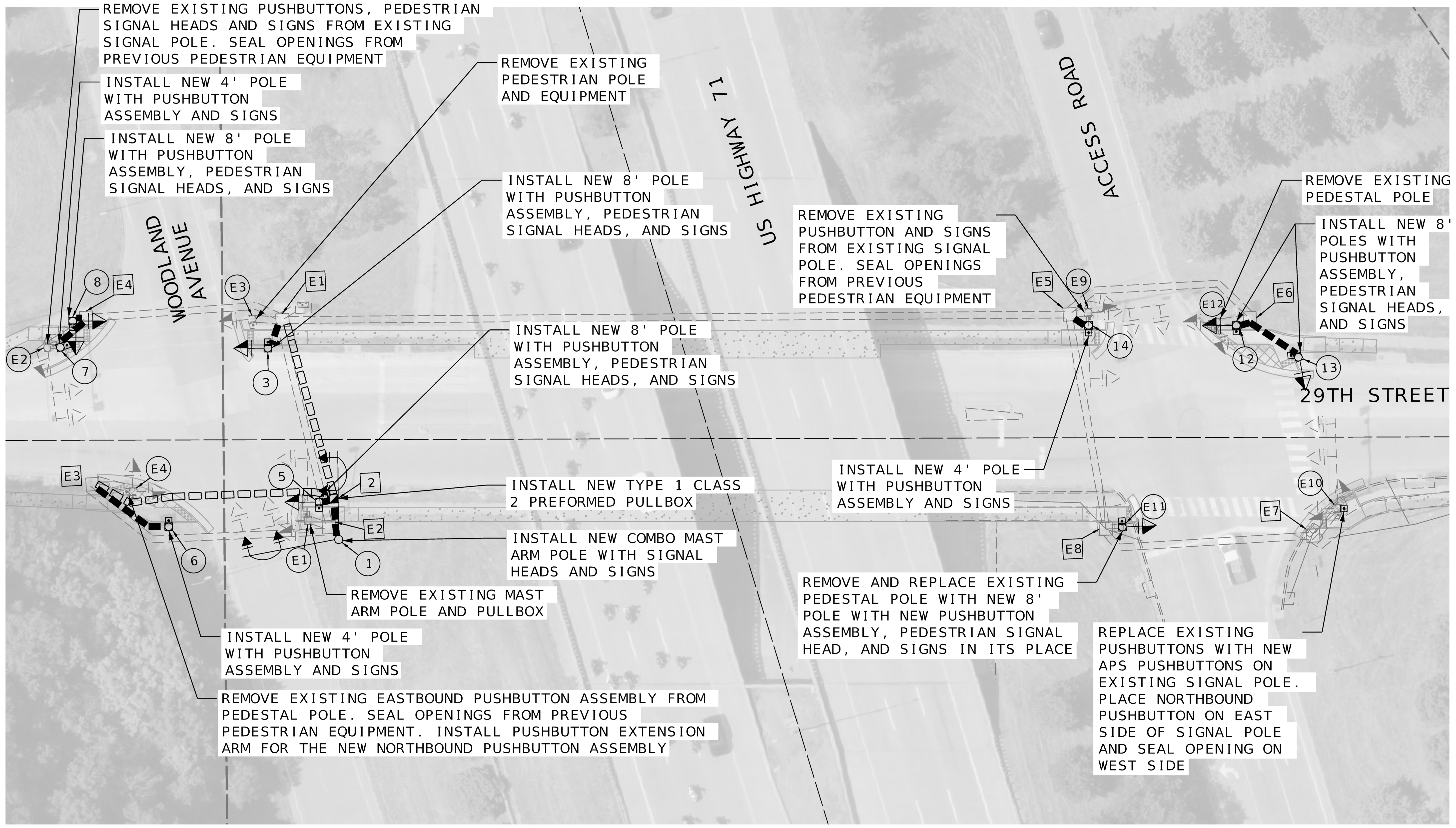


CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
E1	3	12	TRENCHED	3"	14
E1	2	69	BORED	4"	67
2	1	15	TRENCHED	3"	17
2	5	6	TRENCHED	3"	8
2	E3	91	BORED	4"	89
E3	6	34	TRENCHED	3"	36
E4	7	14	TRENCHED	3"	16
E4	8	5	TRENCHED	3"	7
E5	14	9	TRENCHED	3"	11
E6	12	5	TRENCHED	3"	7
E6	13	23	TRENCHED	3"	25
E8	E11	6	TRENCHED	3"	8
TOTALS				1.5"	
				3"	149
				4"	156

CABLE								
FROM	TO	DISTANCE (FEET)	DEVICE		PEDESTRIAN DETECTOR (POLE INSTALLATION)*		LEAD IN	TRAFFIC SIGNAL (POLE INSTALLATION)*
			FROM	TO	2c (LF)	5c (LF)	1c (LF)	7c (LF)
CA	3	21	CA	5PA	44	45		
CA	1	93	CA	1				355
CA	5	86	CA	6P	115	116		
CA	6	205	CA	6PA	240			
CA	7	99	CA	4PA	128			
CA	8	90	CA	5P	119	240		
CA	14	309	CA	2PA	338			
CA	12	381	CA	2P	416	417		
CA	13	399	CA	8P	434	435		
CA	E11	386	CA	6PA	421	422		
TOTALS					2260	1680		360

* SUBSIDIARY TO COST OF ASSEMBLY.

DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
2	2	1	1
2A	2	1	
4	4		
4A	4	1	1
5	5	1	1
5A	5	1	1
6	6	1	1
6A	6	2	
8	8	1	1
8A	8		
TOTALS		9	6/12

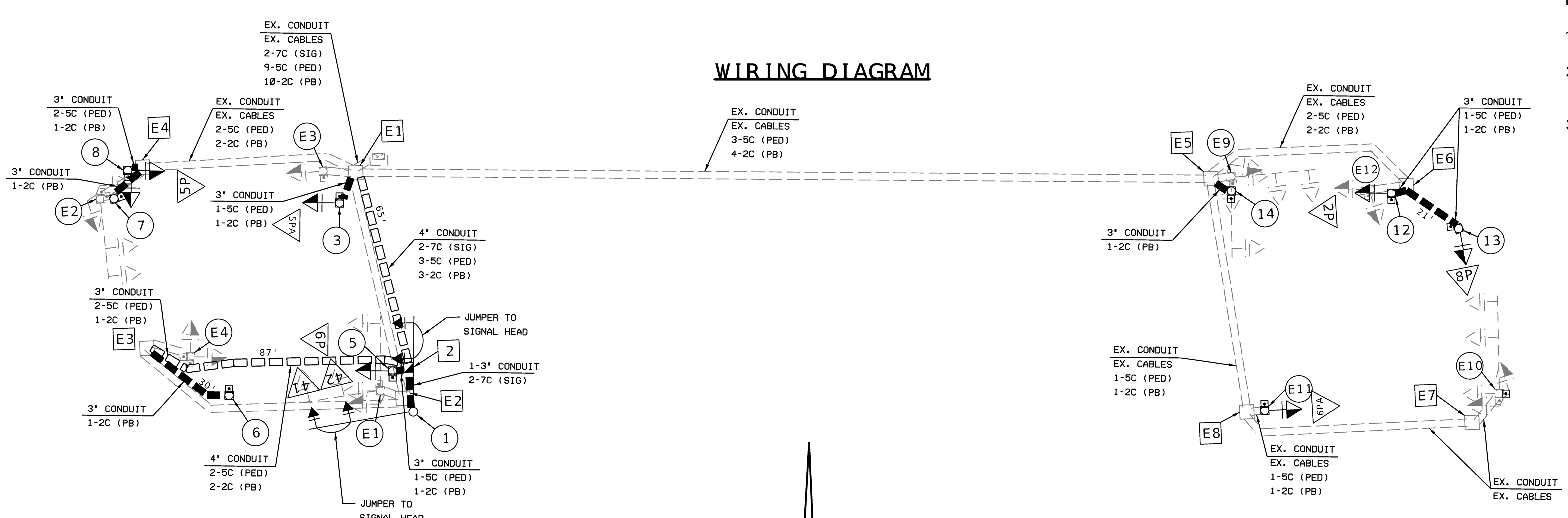
BASES, POLES AND PULL BOXES							
LOCATIONS	NO.		POST			BASE	PULL BOX
	POST	PULL BOX	PEDESTAL POLE			C	TYPE I
			4 FT	8 FT	15 FT		
NW CORNER	7, 8, 14		2	1		1.32	
NE CORNER	3, 12, 13			3		1.32	
SE CORNER	1, 5	2		1		3.64	1
SW CORNER	6, E11		1	1		0.88	
TOTALS			3	6		7.2	1

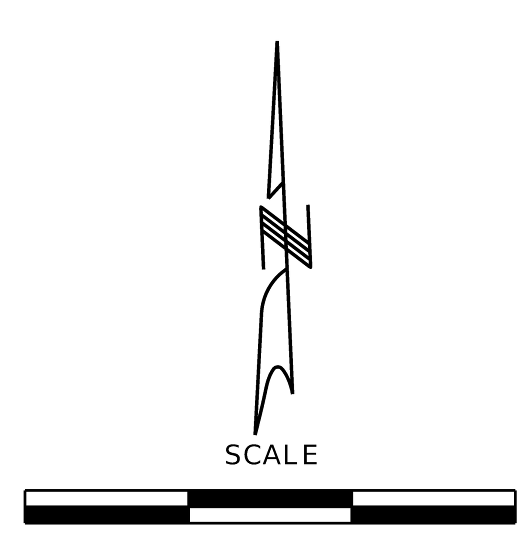
NOTE: POLE 1 FULL COMBO MAST ARM POLE TYPE A BASE, 2X35' MAST ARMS

ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	9
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	5
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	4
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
3B SIGNAL HEAD	EACH	4

* SUBSIDIARY TO COST OF ASSEMBLY.

WIRING DIAGRAM





NOTES:

1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

US 71 AT 29TH STREET

SIGNAL PLAN
SHEET 5 OF 31

STATE OF MISSOURI
JOSHUA PUDLOWSKI
NUMBER PE-2021009515
PROFESSIONAL ENGINEER
Joshua Pudlowski Date: 2025.11.18 10:22:26-06'00'

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

DATE PREPARED	
11/14/2025	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
KC	99
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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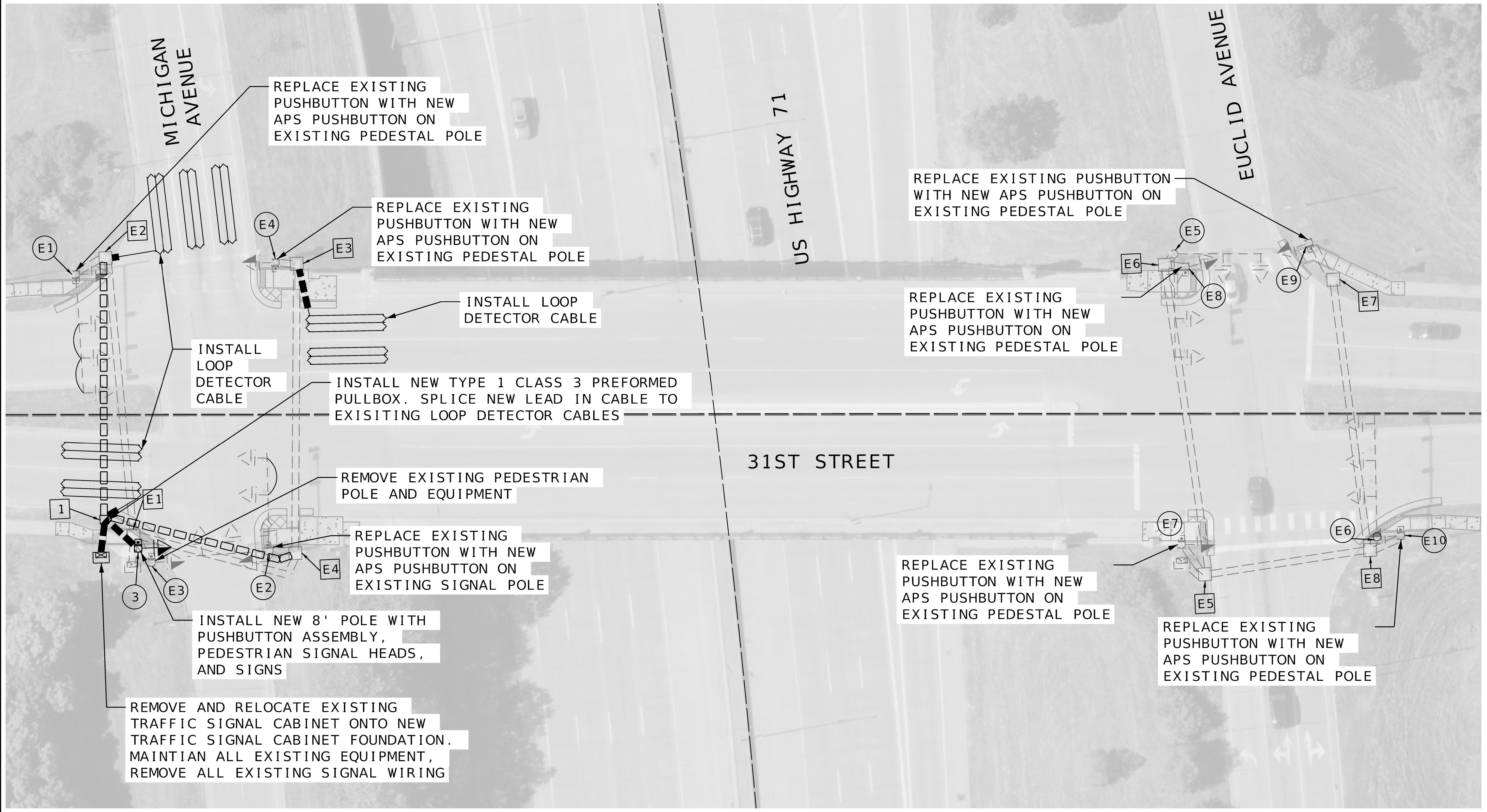


CABLE									
FROM	TO	DISTANCE (FEET)	DEVICE		PEDESTRIAN DETECTOR (POLE INSTALLATION)*		DETECTION	LEAD IN	TRAFFIC SIGNAL (POLE INSTALLATION)*
			FROM	TO	2c (LF)	5c (LF)	1c (LF)	2c (LF)	7c (LF)
CA	3	30	CA	6PA	53	54			
CA	LOOP	19	CA	6			612	681	
CA	E1	117	CA	2P	146	147			228
CA	LOOP	111	CA	8			947	262	
CA	E2	96	CA	6P	125	126			625
CA	LOOP	194	CA	2			620	642	
CA	E4	202	CA	2PA	237	238			
TOTALS					560	570	2180	1590	850

* SUBSIDIARY TO COST OF ASSEMBLY.

CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
CA	1	13	TRENCHED	2-4"	34
1	3	17	TRENCHED	3"	19
1	LOOP	6	TRENCHED	1"	6
1	E2	98	BORED	3"	96
1	E4	73	BORED	3"	71
E2	LOOP	4	TRENCHED	1"	4
E3	LOOP	13	TRENCHED	1"	13
TOTALS			TRENCHED	1"	23
			TRENCHED	3"	19
			BORED	3"	167
			TRENCHED	4"	34

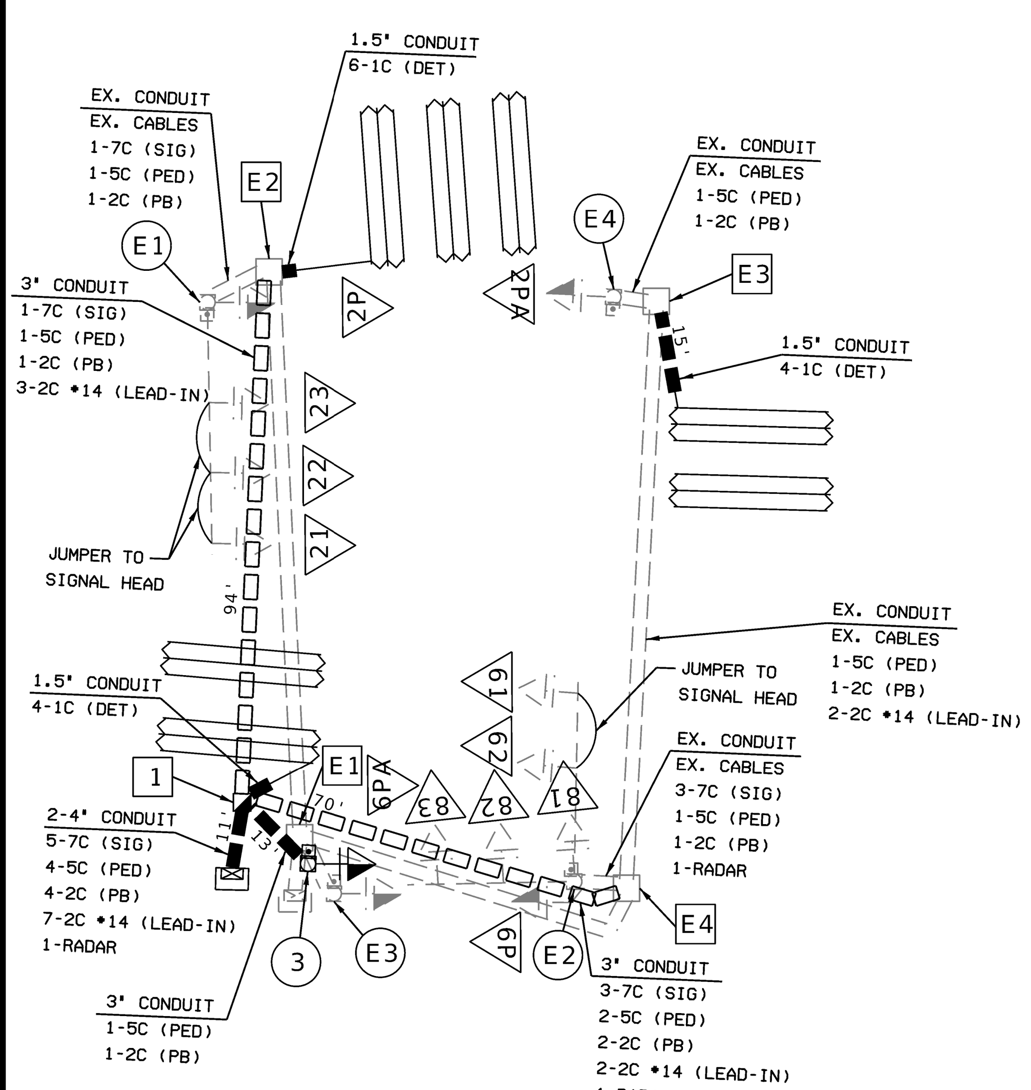
DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
2	2	2	
2A	2	2	
6	6	2	
6A	6	2	1
TOTALS		8	1

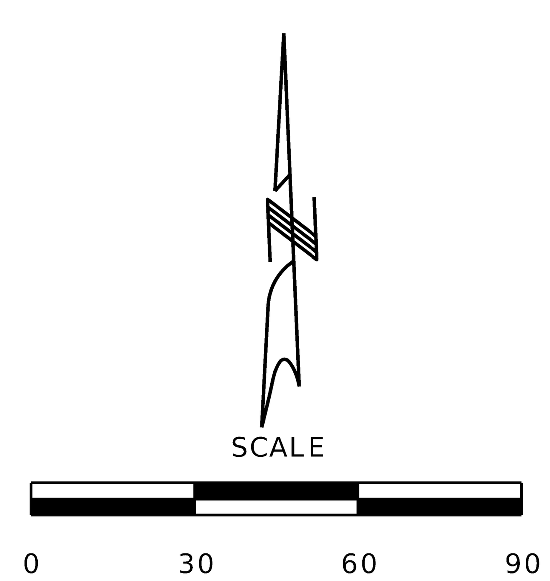
BASES, POLES AND PULL BOXES							
LOCATIONS	NO.		POST			BASE	PULL BOX
	POST	PULL BOX	PEDESTAL POLE			C	TYPE I
			4 FT	8 FT	15 FT		
NW CORNER							
NE CORNER							
SE CORNER							
SW CORNER	3	1		1		0.44	1
TOTALS				1		0.4	1

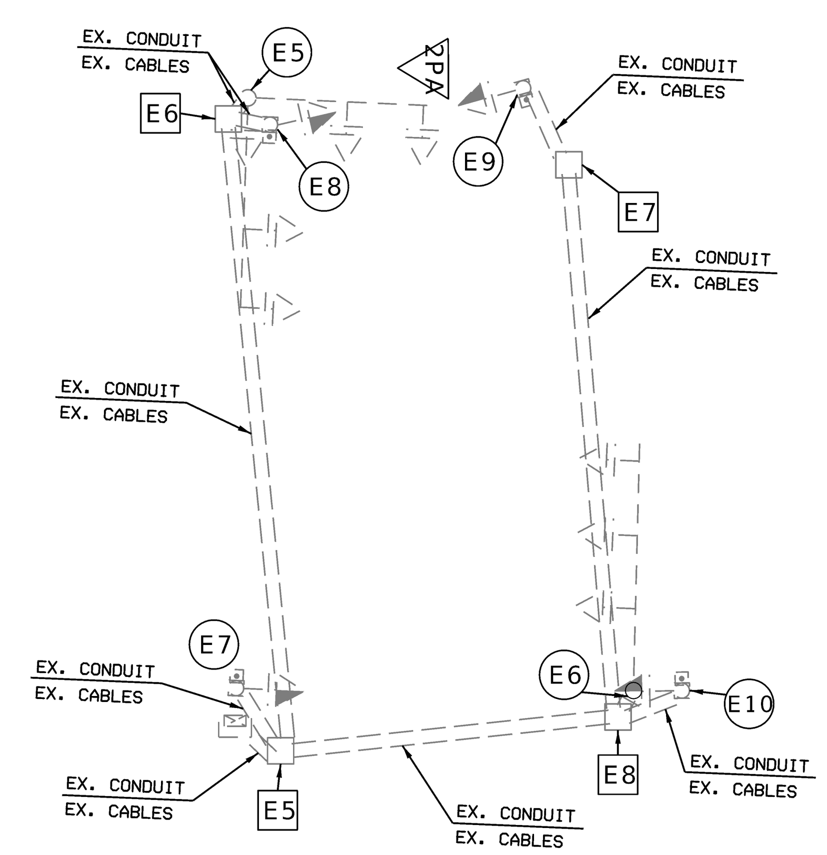
ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	8
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	1
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
PUSHBUTTON EXTENSION ARM	EACH	

* SUBSIDIARY TO COST OF ASSEMBLY.

WIRING DIAGRAM







NOTES:

1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSERY.

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JCT JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS ITS PULL BOX TYPE 2
- ITS ITS PULL BOX TYPE 5
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

US 71 AT 31ST STREET

SIGNAL PLAN
SHEET 6 OF 31

STATE OF MISSOURI
JOSHUA PUDLOWSKI
NUMBER PE-2021009515
PROFESSIONAL ENGINEER

Joshua Pudlowski Date: 2025.11.14 16:59:30-06'00'

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	100
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN 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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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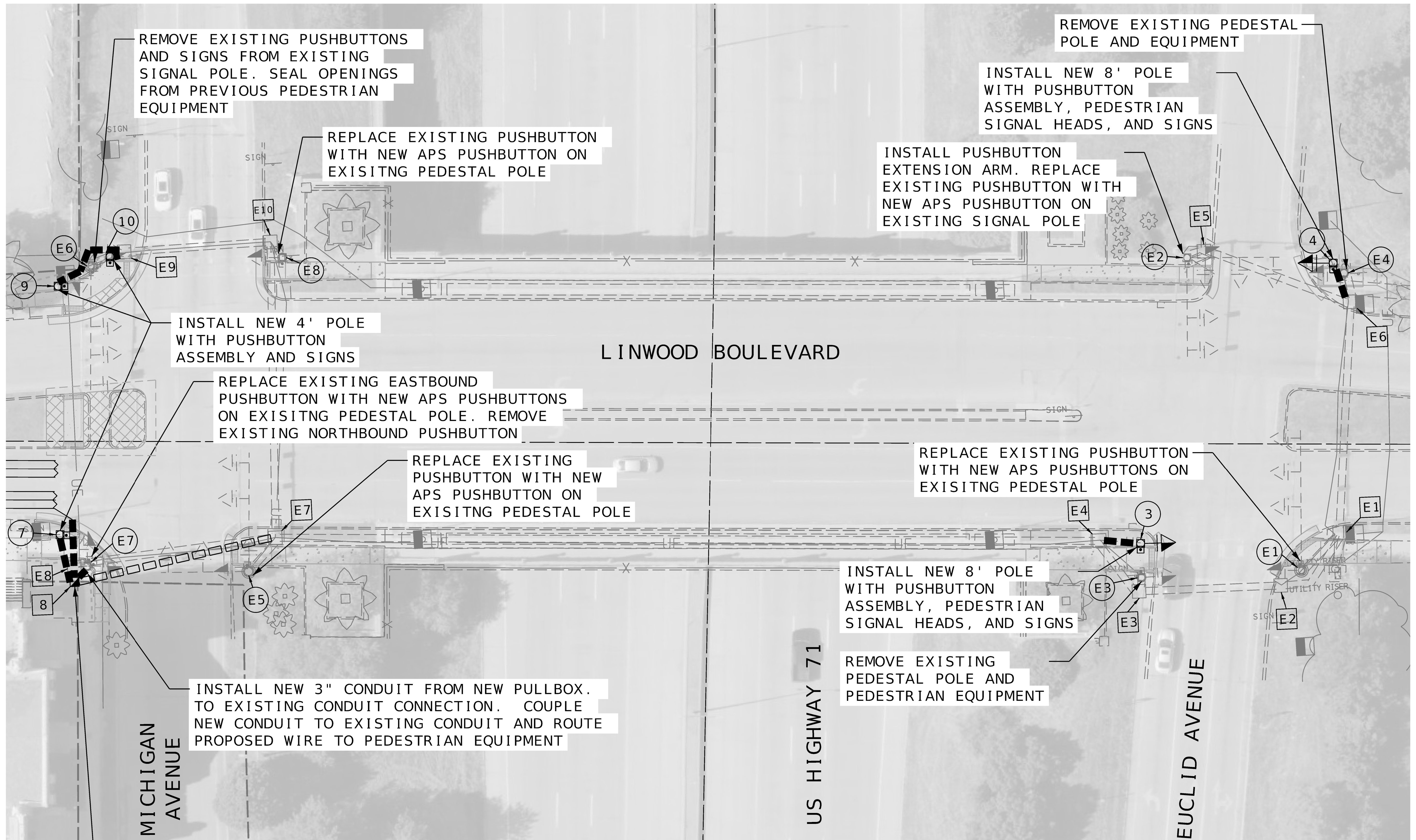


REMOVE EXISTING PULLBOX AND INSTALL NEW TYPE 1 CLASS 2 PREFORMED PULLBOX

CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
E4	3	12	TRENCHED	3"	14
E6	4	15	TRENCHED	3"	17
E7	8	73	BORED	3"	71
8	7	18	TRENCHED	3"	20
8	E7	7	TRENCHED	3"	9
E9	9	31	TRENCHED	3"	33
E9	10	5	TRENCHED	3"	7
8	LOOP	20	TRENCHED	1"	20
TOTALS			TRENCHED	1"	20
			TRENCHED	3"	100
			BORED	3"	71

CABLE										
FROM	TO	DISTANCE (FEET)	DEVICE		PEDESTRIAN DETECTOR (POLE INSTALLATION)*		DETECTION	LEAD IN	TRAFFIC SIGNAL (POLE INSTALLATION)*
			FROM	TO	2c (LF)	5c (LF)	1c (LF)	2c (LF)	7c (LF)
CA	3	133	CA	6PA	174	175			
CA	4	112	CA	2PA	141	142			
CA	7	505	CA	8P	558				
CA	E7	494	CA	6PA	1094	548			
CA	9	603	CA	8PA	662				
CA	10	577	CA	2P	636				
CA	LOOP	507	CA	6			584	1058	
TOTALS					3270	870	580	1060	

* SUBSIDIARY TO COST OF ASSEMBLY.

DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
2	2	2	
2	2	2	1
6	6	2	
6A	6	2	1
8	8	1	
8A	8	1	
TOTALS		10	2

BASES, POLES AND PULL BOXES							
LOCATIONS	NO.		POST			BASE	PULL BOX
	POST	PULL BOX	PEDESTAL POLE			C	TYPE I
			4 FT	8 FT	15 FT		
NW CORNER	9, 10		2			0.88	
NE CORNER	4			1		0.44	
SE CORNER							
SW CORNER	7, 3	8	1	1		0.88	1
TOTALS			3	2		2.2	1

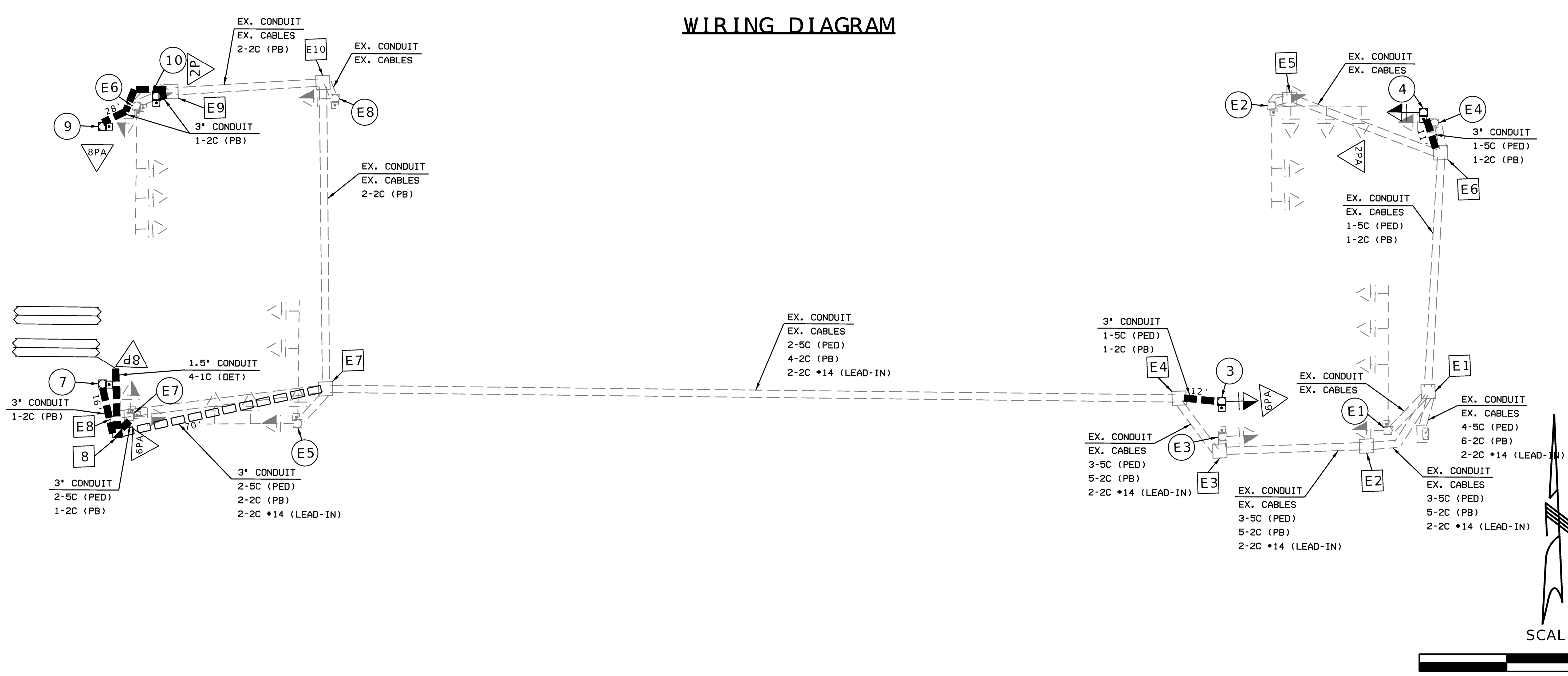
ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	10
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	2
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	2
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
PUSHBUTTON EXTENSION ARM	EACH	1

* SUBSIDIARY TO COST OF ASSEMBLY.

NOTES:

1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.

WIRING DIAGRAM



TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

US 71 AT LINWOOD BOULEVARD

SIGNAL PLAN
SHEET 7 OF 31

STATE OF MISSOURI
JOSHUA PUDLOWSKI
NUMBER PE-2021009515
PROFESSIONAL ENGINEER
Joshua Pudlowski Date: 2025.11.14 17:00:38-06'00'

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	101
COUNTY	JACKSON
JOB NO.	J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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

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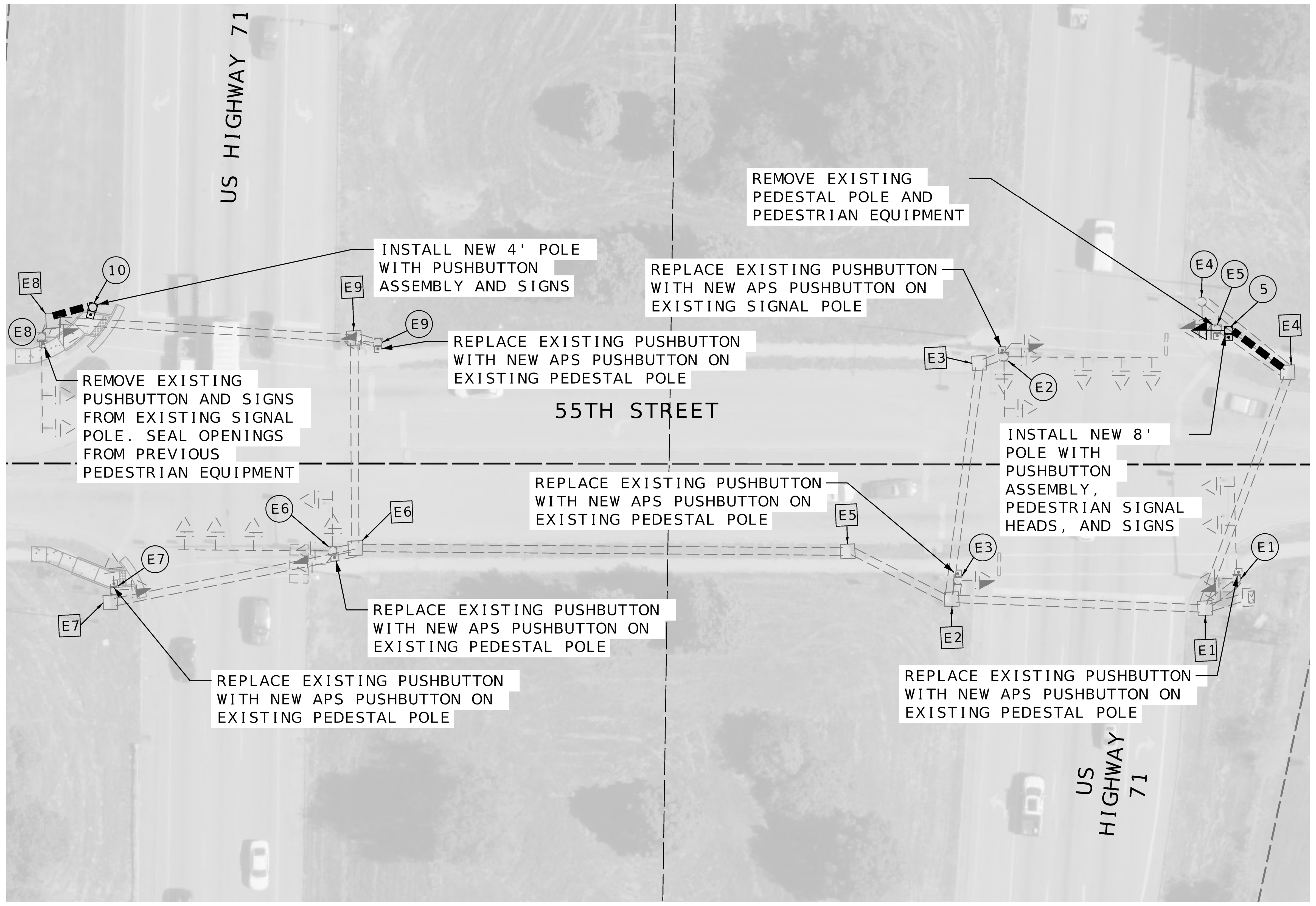


CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
E4	5	24	TRENCHED	3"	26
E8	10	14	TRENCHED	3"	16
TOTALS				1.5"	
				3"	42
				4"	

CABLE								
FROM	TO	DISTANCE (FEET)	DEVICE FROM	DEVICE TO	PEDESTRIAN DETECTOR (POLE INSTALLATION)* 2c (LF)	PEDESTRIAN DETECTOR (POLE INSTALLATION)* 5c (LF)	LEAD IN 1c (LF)	TRAFFIC SIGNAL (POLE INSTALLATION)* 7c (LF)
CA	5	123	CA	2P	152	153		
CA	10	488	CA	2P	541			
TOTALS					690	150		

* SUBSIDIARY TO COST OF ASSEMBLY.

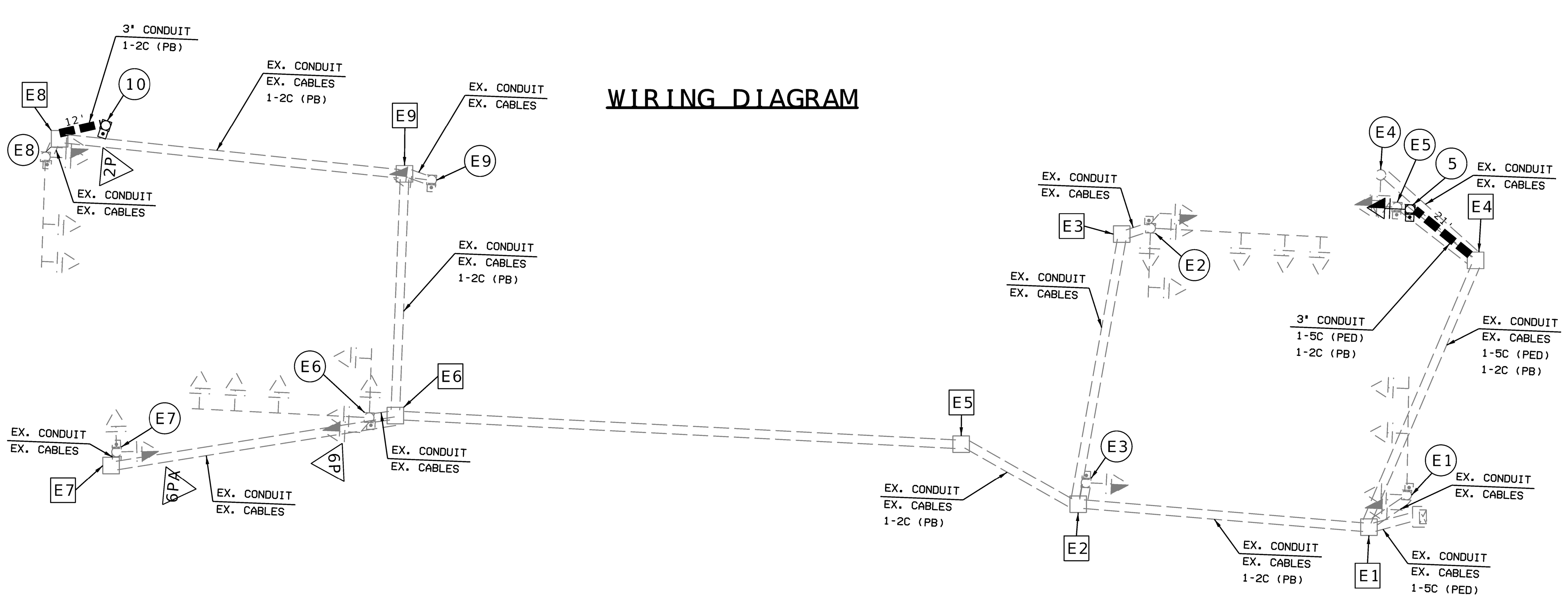
DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
2	2	2	
2A	2	2	1
6	6	2	
6A	6	2	
TOTALS		8	1

BASES, POLES AND PULL BOXES							
LOCATIONS	NO. POST	NO. PULL BOX	POST PEDESTAL POLE 4 FT	POST PEDESTAL POLE 8 FT	POST PEDESTAL POLE 15 FT	BASE C	PULL BOX TYPE I
NW CORNER	10		1			0.44	
NE CORNER	5			1		0.44	
SE CORNER							
SW CORNER							
TOTALS			1	1		0.9	

ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	8
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	1
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	1
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
PUSHBUTTON EXTENSION ARM	EACH	

* SUBSIDIARY TO COST OF ASSEMBLY.

WIRING DIAGRAM



NOTES:

1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSERY.

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	6 X 6 LOOP DETECTOR
CONTROLLER (EXISTING)	VIDEO DETECTOR	6 X 15 LOOP DETECTOR
JUNCTION BOX	PUSH BUTTON DETECTOR	30 X 6 LOOP DETECTOR
POWER SUPPLY	PREFORMED PULL BOX TYPE 1	CONDUIT MEDIAN
WOOD POST	PREFORMED PULL BOX TYPE 2	CONDUIT PUSHED
SIGNAL HEAD (OPT LIM CONV)	CONCRETE PULL BOX TYPE 1	CONDUIT BRIDGE
SIGNAL HEAD (OPT LIM)	CONCRETE PULL BOX TYPE 2	CONDUIT EXISTING
SIGNAL HEAD (PEDESTRIAN)	ITS PULL BOX TYPE 2	CONDUIT TRENCHED
SIGNAL HEAD (STANDARD)	ITS PULL BOX TYPE 5	SPAN WIRE
		MAST ARM - TYPE A BASE
		MAST ARM - TYPE C BASE
		MAST ARM - TYPE F BASE

SCALE

0 30 60 90

US 71 AT 55TH STREET

SIGNAL PLAN
SHEET 8 OF 31

STATE OF MISSOURI
JOSHUA PUDLOWSKI
NUMBER PE-2021009515
PROFESSIONAL ENGINEER

Joshua Pudlowski Date: 2025.11.14 17:01:50-06'00'

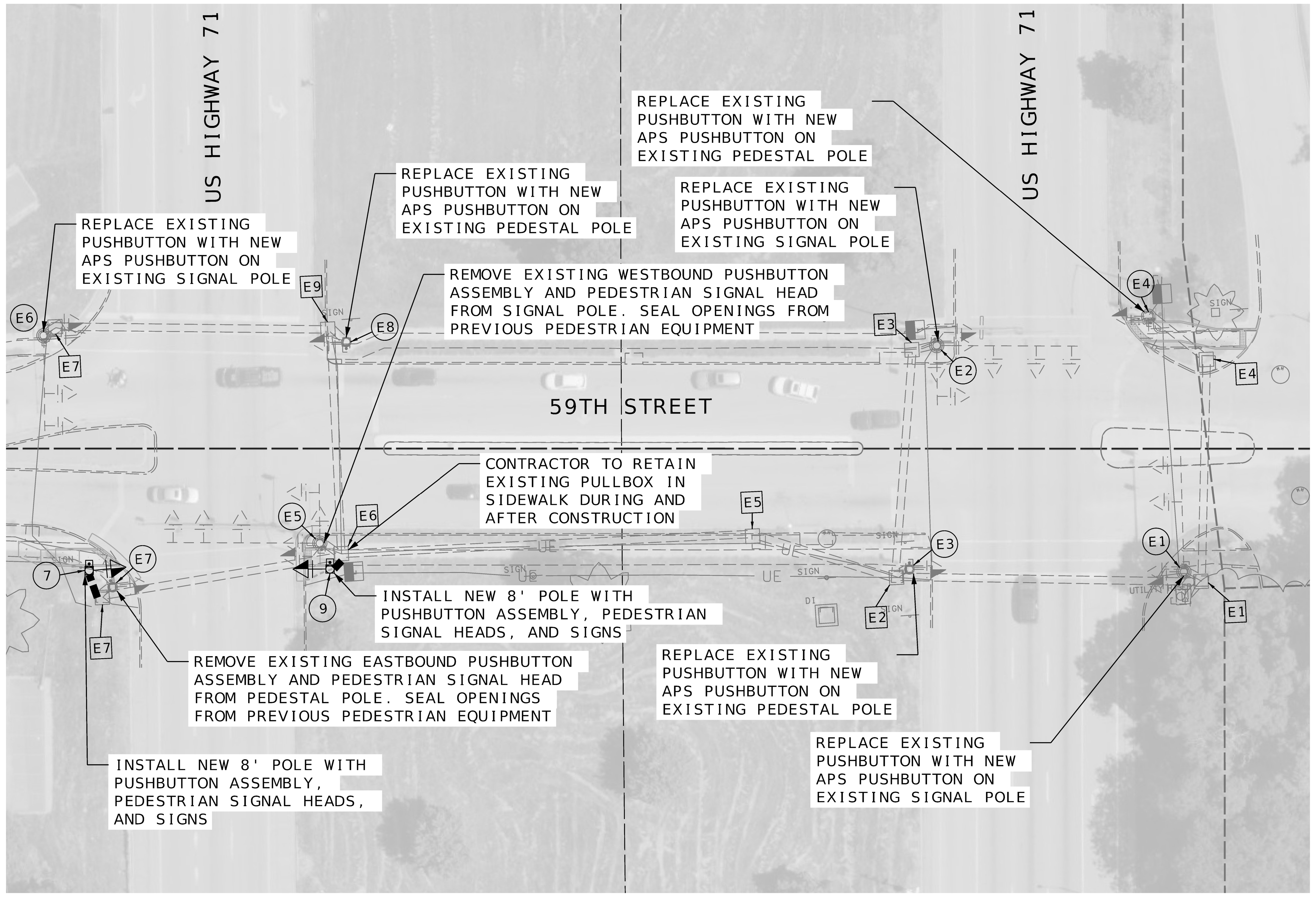
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	102
COUNTY	JACKSON
JOB NO.	J4P3268H
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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592



CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
E6	9	6	TRENCHED	3"	8
E7	7	11	TRENCHED	3"	13
TOTALS				1.5"	
				3"	21
				4"	

CABLE								
FROM	TO	DISTANCE (FEET)	DEVICE		PEDESTRIAN DETECTOR (POLE INSTALLATION)*		LEAD IN	TRAFFIC SIGNAL (POLE INSTALLATION)*
			FROM	TO	2c (LF)	5c (LF)	1c (LF)	7c (LF)
CA	9	307	CA	6P	348	349		
CA	7	394	CA	6PA	441	442		
TOTALS					790	790		

* SUBSIDIARY TO COST OF ASSEMBLY.

DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
2	2	2	
2A	2	2	
6	6	2	1
6A	6	2	1
TOTALS		8	2

BASES, POLES AND PULL BOXES							
LOCATIONS	NO.		POST			BASE	PULL BOX
	POST	PULL BOX	PEDESTAL POLE			C	TYPE I
			4 FT	8 FT	15 FT		
NW CORNER							
NE CORNER							
SE CORNER	9			1		0.44	
SW CORNER	7			1		0.44	
TOTALS				2		0.9	

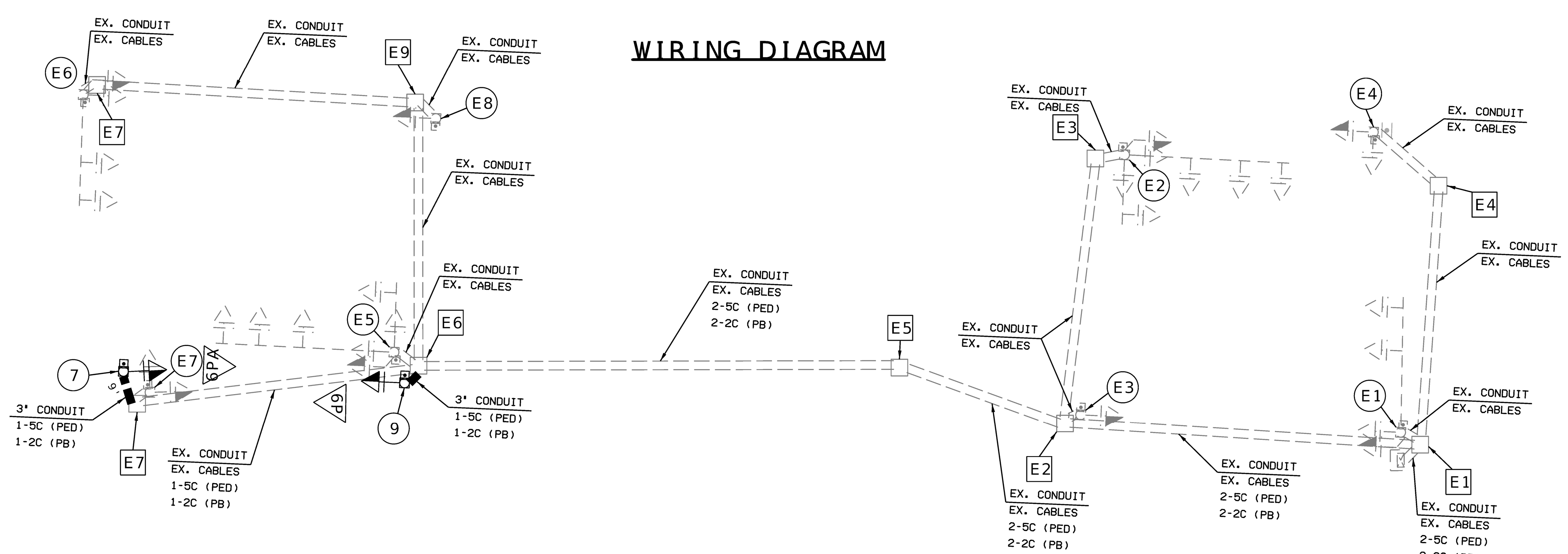
ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	8
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	2
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	2
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
PUSHBUTTON EXTENSION ARM	EACH	

* SUBSIDIARY TO COST OF ASSEMBLY.

NOTES:

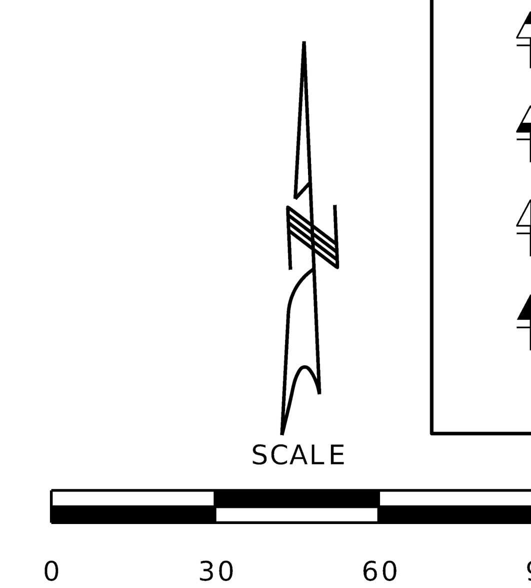
1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSERY.

WIRING DIAGRAM



TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	6 X 6 LOOP DETECTOR
CONTROLLER (EXISTING)	VIDEO DETECTOR	6 X 15 LOOP DETECTOR
JUNCTION BOX	PUSH BUTTON DETECTOR	30 X 6 LOOP DETECTOR
POWER SUPPLY	PREFORMED PULL BOX TYPE 1	CONDUIT MEDIAN
WOOD POST	PREFORMED PULL BOX TYPE 2	CONDUIT PUSHED
SIGNAL HEAD (OPT LIM CONV)	CONCRETE PULL BOX TYPE 1	CONDUIT BRIDGE
SIGNAL HEAD (OPT LIM)	CONCRETE PULL BOX TYPE 2	CONDUIT EXISTING
SIGNAL HEAD (PEDESTRIAN)	ITS PULL BOX TYPE 2	CONDUIT TRENCHED
SIGNAL HEAD (STANDARD)	ITS PULL BOX TYPE 5	SPAN WIRE
		MAST ARM - TYPE A BASE
		MAST ARM - TYPE C BASE
		MAST ARM - TYPE F BASE



US 71 AT 59TH STREET

SIGNAL PLAN
SHEET 9 OF 31

STATE OF MISSOURI
JOSHUA PUDLOWSKI
NUMBER PE-2021009515
PROFESSIONAL ENGINEER
Joshua Pudlowski Date: 2025.11.14 17:02:57-06'00'

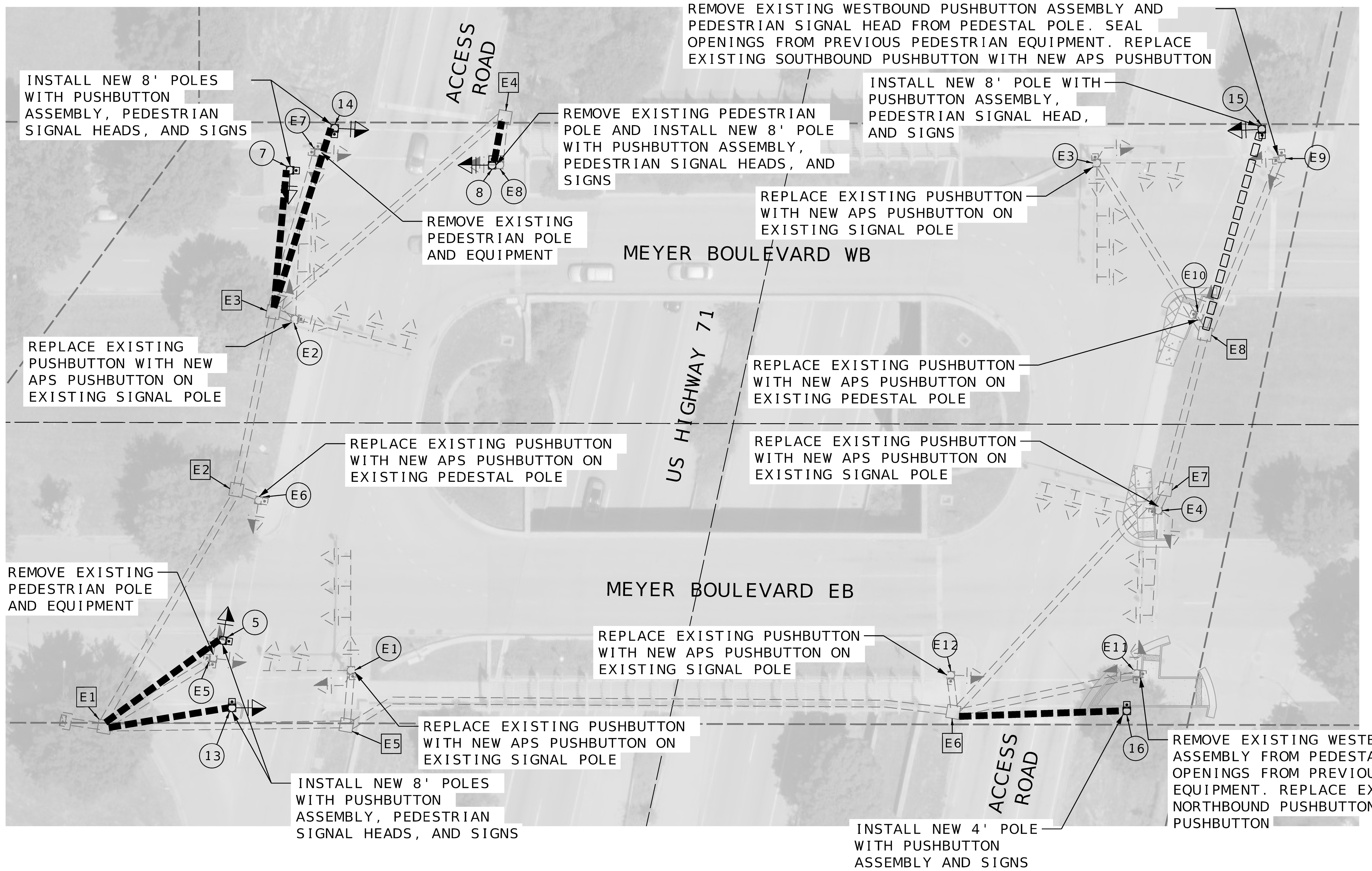
DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	103
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592



CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
E1	5	54	TRENCHED	3"	56
E1	13	47	TRENCHED	3"	49
E3	7	52	TRENCHED	3"	54
E3	14	71	TRENCHED	3"	73
E4	8	18	TRENCHED	3"	20
E8	15	78	BORED	3"	80
E6	16	61	BORED	3"	63
TOTALS			TRENCHED	1.5"	
			TRENCHED	3"	252
			BORED	3"	143

CABLE								
FROM	TO	DISTANCE (FEET)	DEVICE FROM	DEVICE TO	PEDESTRIAN DETECTOR (POLE INSTALLATION)* 2c (LF)	PEDESTRIAN DETECTOR (POLE INSTALLATION)* 5c (LF)	LEAD IN 1c (LF)	TRAFFIC SIGNAL (POLE INSTALLATION)* 7c (LF)
CA	5	69	CA	8P	92	93		
CA	13	62	CA	6PA	85	86		
CA	7	234	CA	8PA	269	270		
CA	14	253	CA	2P	288	289		
CA	8	311	CA	2PA	352	353		
CA	15	579	CA	2PA	626	627		
CA	16	387	CA	6P	422			
TOTALS					2130	1720		

* SUBSIDIARY TO COST OF ASSEMBLY.

DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
2	2	2	1
2A	2	2	2
4	4	2	
4A	4	2	
6	6	3	
6A	6	2	1
8	8	2	1
8A	8	2	
TOTALS		17	5

BASES, POLES AND PULL BOXES							
LOCATIONS	NO. POST	NO. PULL BOX	POST PEDESTAL POLE 4 FT	POST PEDESTAL POLE 8 FT	POST PEDESTAL POLE 15 FT	BASE C	PULL BOX TYPE I
NW CORNER	7, 14			2		0.88	
NE CORNER	8, 15			2		0.88	
SE CORNER	16		1			0.44	
SW CORNER	5, 13			2		0.88	
TOTALS			1	6		3.1	

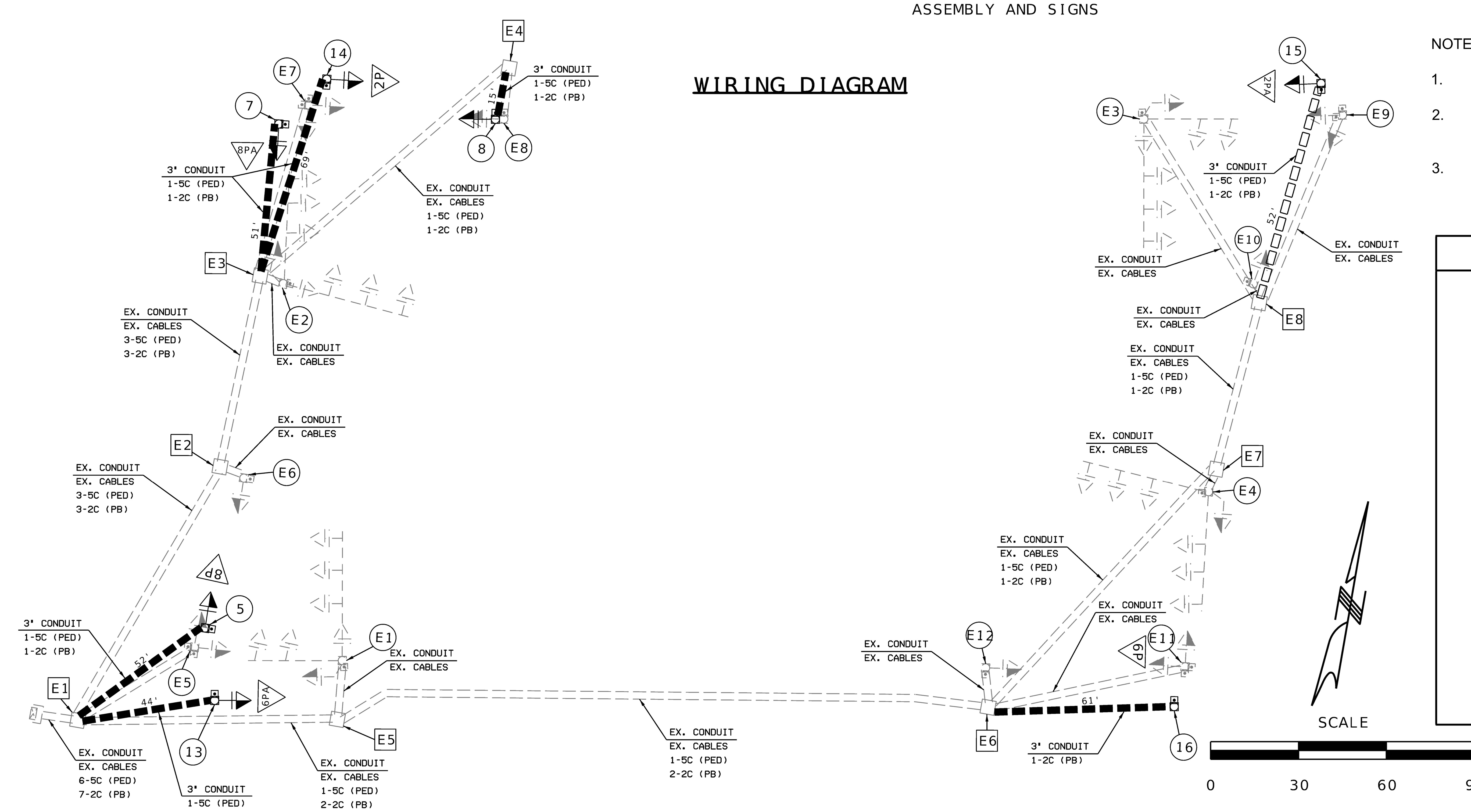
ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	17
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	6
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	2
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
PUSHBUTTON EXTENSION ARM	EACH	

* SUBSIDIARY TO COST OF ASSEMBLY.

NOTES:

1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.

WIRING DIAGRAM



TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

US 71 AT MEYER BOULEVARD

SIGNAL PLAN
SHEET 10 OF 31

STATE OF MISSOURI
JOSHUA PUDLOWSKI
NUMBER PE-2021009515
PROFESSIONAL ENGINEER
Joshua Pudlowski Date: 2025.11.14 17:04:02-06'00'

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	104
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

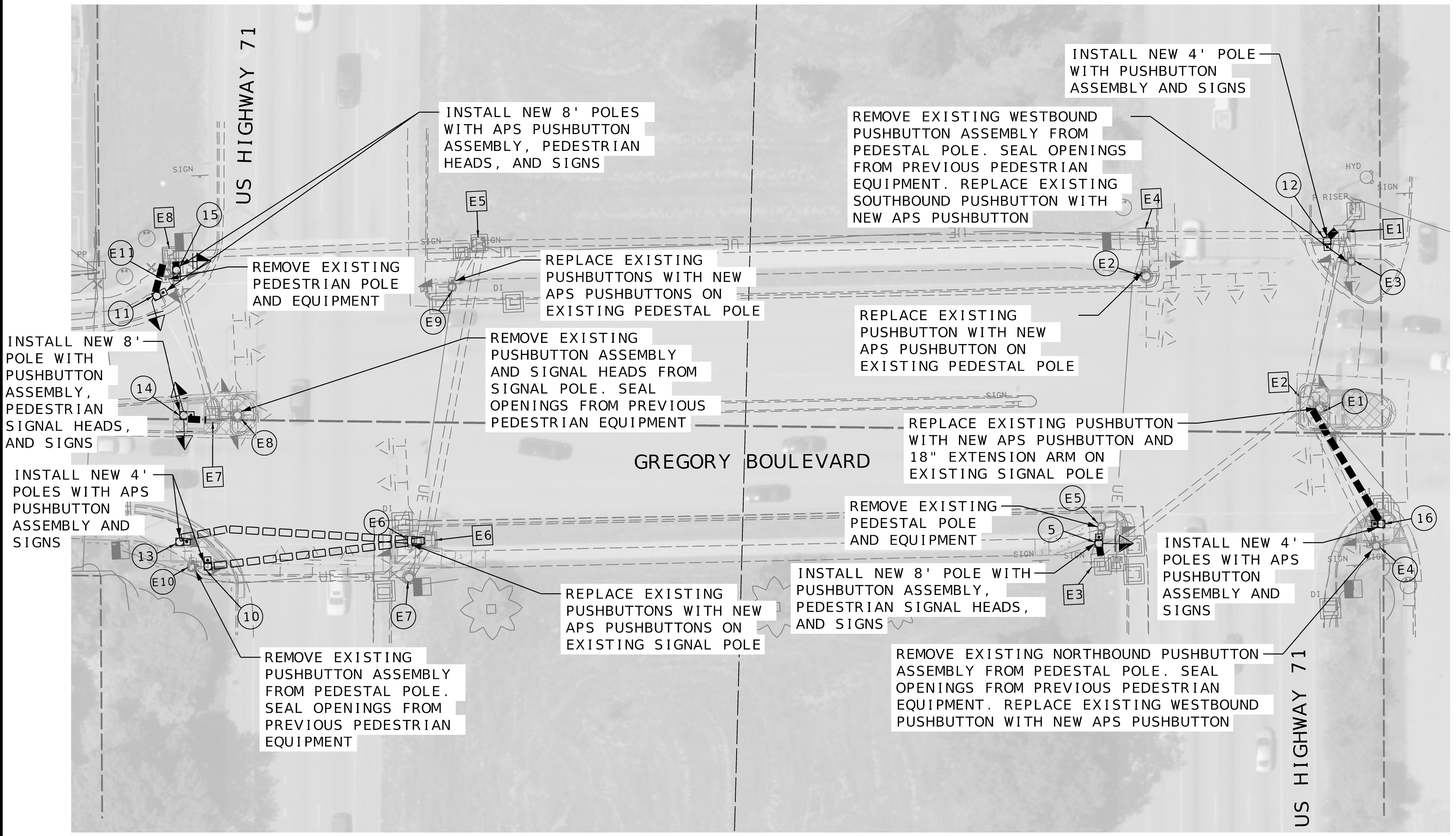
DESCRIPTION

DATE

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

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



CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
E1	12	6	TRENCHED	3"	8
E3	5	8	TRENCHED	3"	10
E6	10	80	BORED	3"	82
E6	13	91	BORED	3"	93
E7	14	11	TRENCHED	3"	13
E8	11	15	TRENCHED	3"	17
E8	15	7	TRENCHED	3"	9
E2	16	52	BORED	3"	54
TOTALS			TRENCHED	1.5"	
			TRENCHED	3"	57
			BORED	3"	229

CABLE								
FROM	TO	DISTANCE (FEET)	DEVICE		PEDESTRIAN DETECTOR (POLE INSTALLATION)*		LEAD IN	TRAFFIC SIGNAL (POLE INSTALLATION)*
			FROM	TO	2c (LF)	5c (LF)	1c (LF)	7c (LF)
CA	12	16	CA	2PA	39			
CA	5	176	CA	6PA	211	212		
CA	10	512	CA	6PA	553			
CA	13	523	CA	8P	564			
CA	14	506	CA	8PA	553	554		
CA	11	450	CA	8PA	491	492		
CA	15	442	CA	2P	483	484		
CA	16	125	CA	4PA	154			
TOTALS					3050	1740		

* SUBSIDIARY TO COST OF ASSEMBLY.

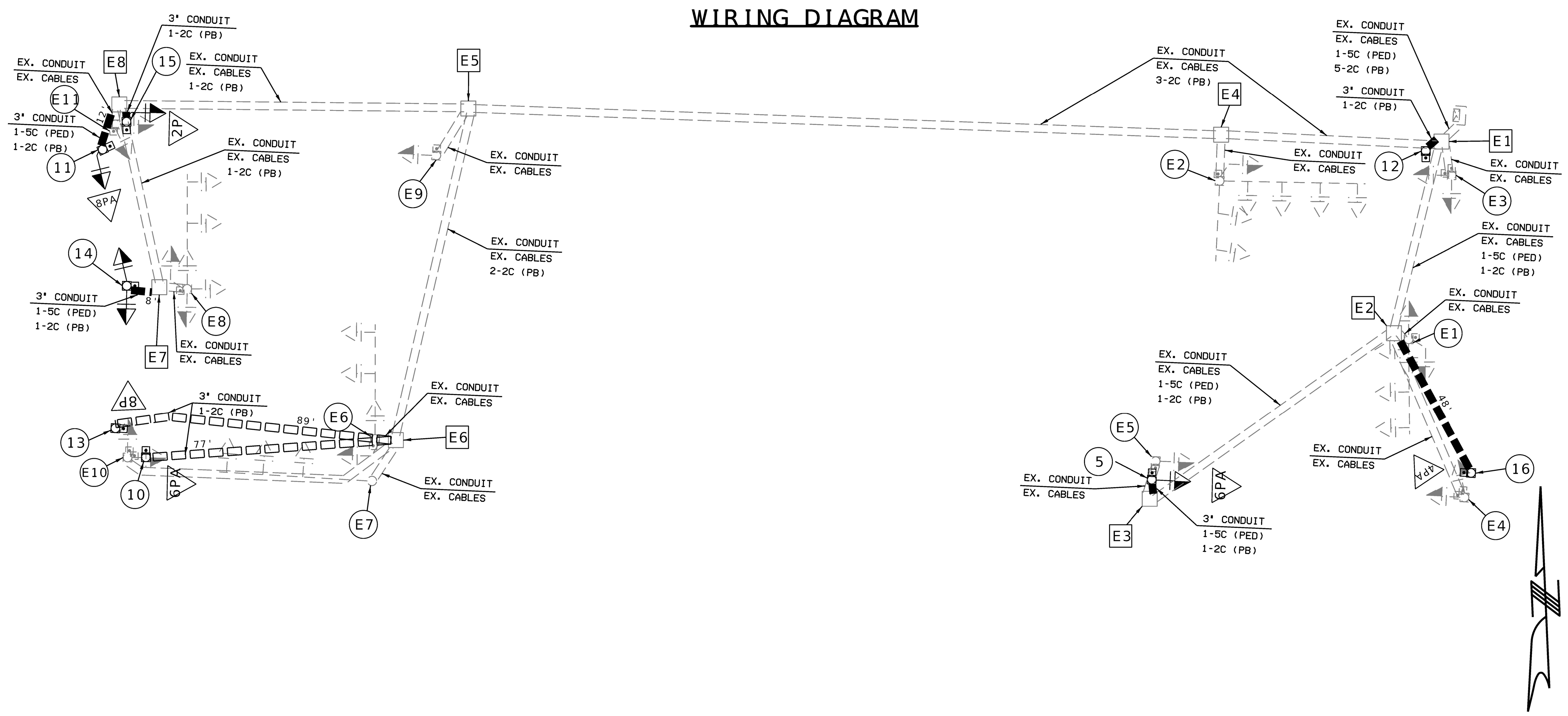
DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
2	2	3	1
2A	2	2	
4	4	1	
4A	4	3	
6	6	2	
6A	6	2	1
8	8	1	1
8A	8	3	2
TOTALS		17	5

BASES, POLES AND PULL BOXES							
LOCATIONS	NO.		POST			BASE	PULL BOX
	POST	PULL BOX	PEDESTAL POLE			C	TYPE I
			4 FT	8 FT	15 FT		
NW CORNER	11,14,15			3		1.32	
NE CORNER	12		1			0.44	
SE CORNER	16		1			0.44	
SW CORNER	5, 10, 13		2	1		1.32	
TOTALS			4	1		3.5	

ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	15
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	3
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	4
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
PUSHBUTTON EXTENSION ARM	EACH	1

* SUBSIDIARY TO COST OF ASSEMBLY.

WIRING DIAGRAM



NOTES:

1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSERY.

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	6 X 6 LOOP DETECTOR
CONTROLLER (EXISTING)	VIDEO DETECTOR	6 X 15 LOOP DETECTOR
JCT JUNCTION BOX	PUSH BUTTON DETECTOR	30 X 6 LOOP DETECTOR
POWER SUPPLY	PREFORMED PULL BOX TYPE 1	CONDUIT MEDIAN
WOOD POST	PREFORMED PULL BOX TYPE 2	CONDUIT PUSHED
SIGNAL HEAD (OPT LIM CONV)	CONCRETE PULL BOX TYPE 1	CONDUIT BRIDGE
SIGNAL HEAD (OPT LIM)	CONCRETE PULL BOX TYPE 2	CONDUIT EXISTING
SIGNAL HEAD (PEDESTRIAN)	ITS ITS PULL BOX TYPE 2	CONDUIT TRENCHED
SIGNAL HEAD (STANDARD)	ITS ITS PULL BOX TYPE 5	SPAN WIRE
		MAST ARM - TYPE A BASE
		MAST ARM - TYPE C BASE
		MAST ARM - TYPE F BASE

SCALE
0 30 60 90

US 71 AT GREGORY BOULEVARD

SIGNAL PLAN
SHEET 11 OF 31

JOSHUA PUDLOWSKI
NUMBER PE-2021009515
STATE OF MISSOURI PROFESSIONAL ENGINEER
Joshua Pudlowski Date: 2025.11.14 17:05:09-06'00'

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	105
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

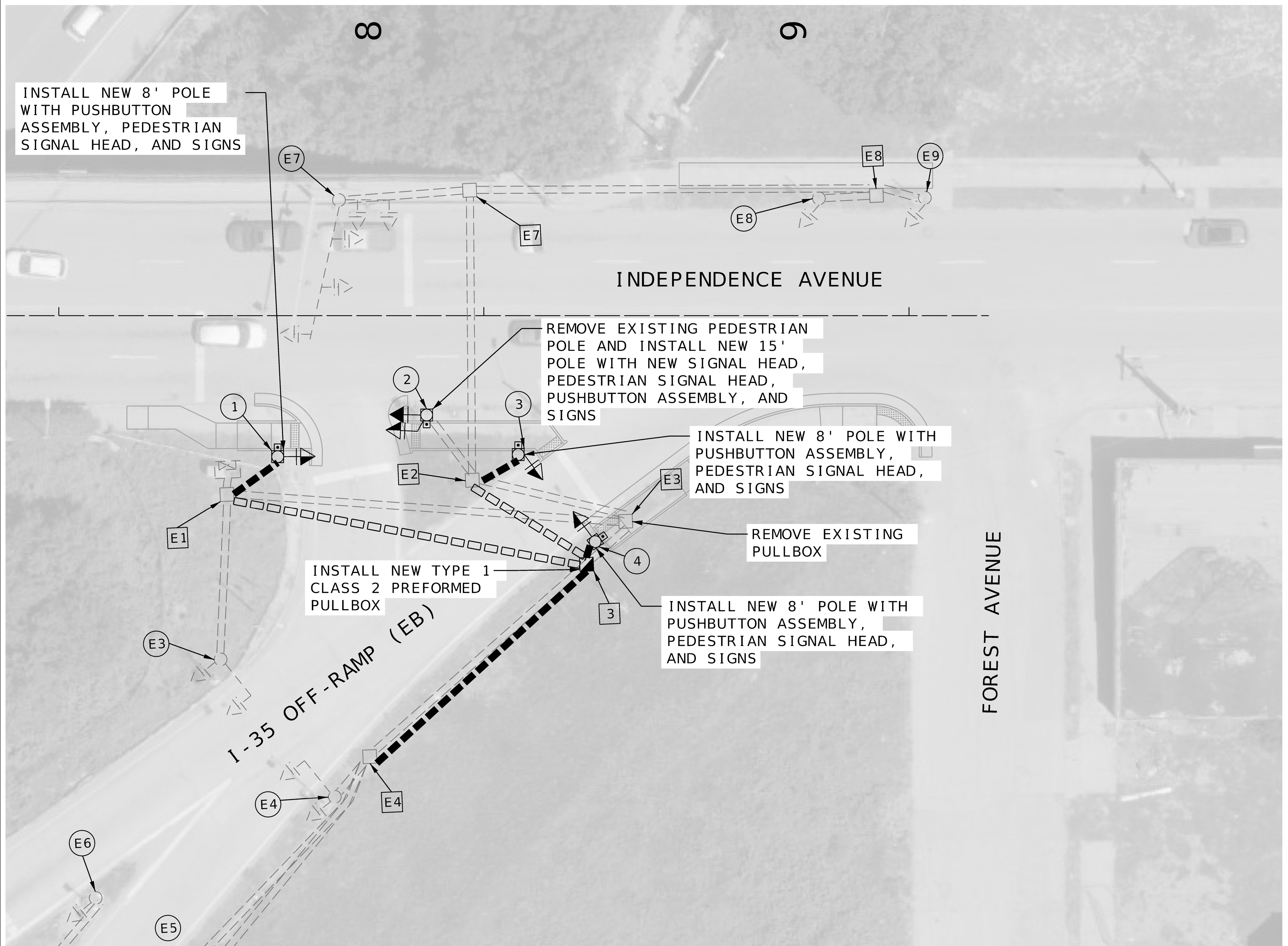
DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN 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
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592



BASES, POLES AND PULL BOXES							
LOCATIONS	NO. POST	NO. PULL BOX	POST PEDESTAL POLE 4 FT	POST PEDESTAL POLE 8 FT	POST PEDESTAL POLE 15 FT	BASE C	PULL BOX TYPE I
NW CORNER							
NE CORNER							
SE CORNER	2, 3, 4	3		2	1	1.32	1
SW CORNER	1			1		0.44	
TOTALS				3	1	1.8	1

DETECTORS			
DET. NO	PHASE	PUSH BUTTON ASSEMBLY W/ SIGN	COUNTDOWN PEDESTRIAN SIGNAL HEAD
6	6	1	1
6A	6	1	1
6 (2)	6	1	1
6A (2)	6	1	1
TOTALS		4	4

CONDUIT					
FROM	TO	DIST	TYPE	SIZE	LENGTH
E1	1	15	TRENCHED	3"	17
E1	3	86	BORED	2-3"	168
3	E2	34	BORED	3"	32
3	E4	68	TRENCHED	3"	66
3	4	6	TRENCHED	3"	8
E2	3	12	TRENCHED	3"	14
TOTALS			TRENCHED	1.5"	
TOTALS			TRENCHED	3"	105
TOTALS			BORED	3"	200

CABLE								
FROM	TO	DISTANCE (FEET)	DEVICE FROM	DEVICE TO	PEDESTRIAN DETECTOR (POLE INSTALLATION)* 2c (LF)	PEDESTRIAN DETECTOR (POLE INSTALLATION)* 5c (LF)	LEAD IN 1c (LF)	TRAFFIC SIGNAL (POLE INSTALLATION)* 7c (LF)
CA	1	21	CA	6P	44	45		
CA	2	145	CA	6PA	180	181		184
CA	E4	173	CA	E4				443
CA	E5	229	CA	E5				268
CA	E6	395	CA	E6				446
CA	E7	225	CA	E7				919
CA	E8	304	CA	E8				355
CA	E9	301	CA	E9				352
CA	3	138	CA	6P (2)	161	162		352
CA	4	98	CA	6PA (2)	121	122		
TOTALS					510	510		2970

* SUBSIDIARY TO COST OF ASSEMBLY.

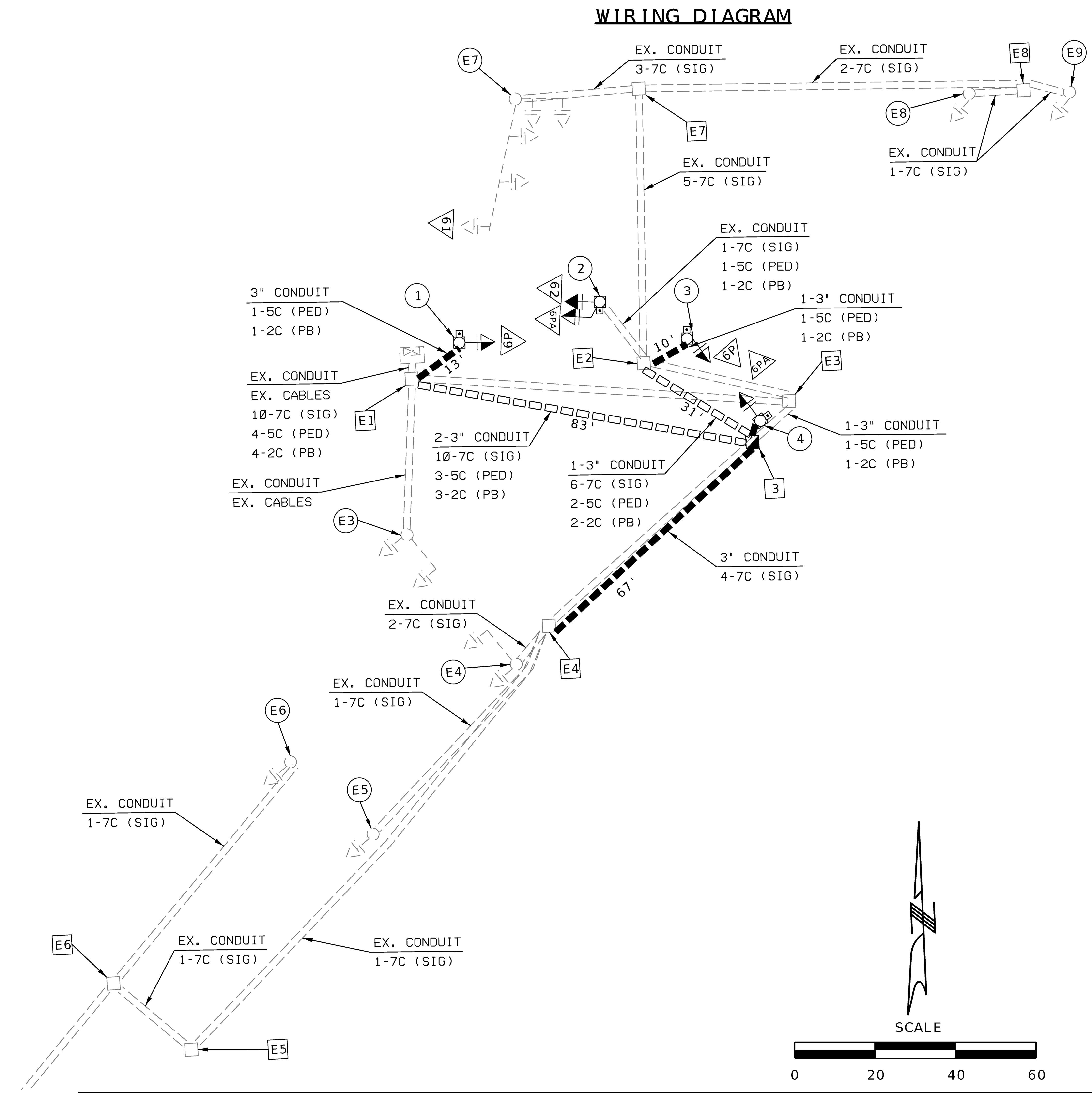
ADDITIONAL QUANTITIES		
ITEM DESCRIPTION	UNITS	QUANTITY
*PEDESTRIAN PUSHBUTTON AND SIGN REMOVAL	EACH	
*PEDESTRIAN SIGNAL HEAD REMOVAL	EACH	
*COVERING AND SEALING PUSHBUTTON MOUNTING HOLES	EACH	
*CENTRAL CONTROL UNIT PANEL; 2-WIRE SYSTEM	EACH	1
PUSHBUTTON EXTENSION ARM	EACH	

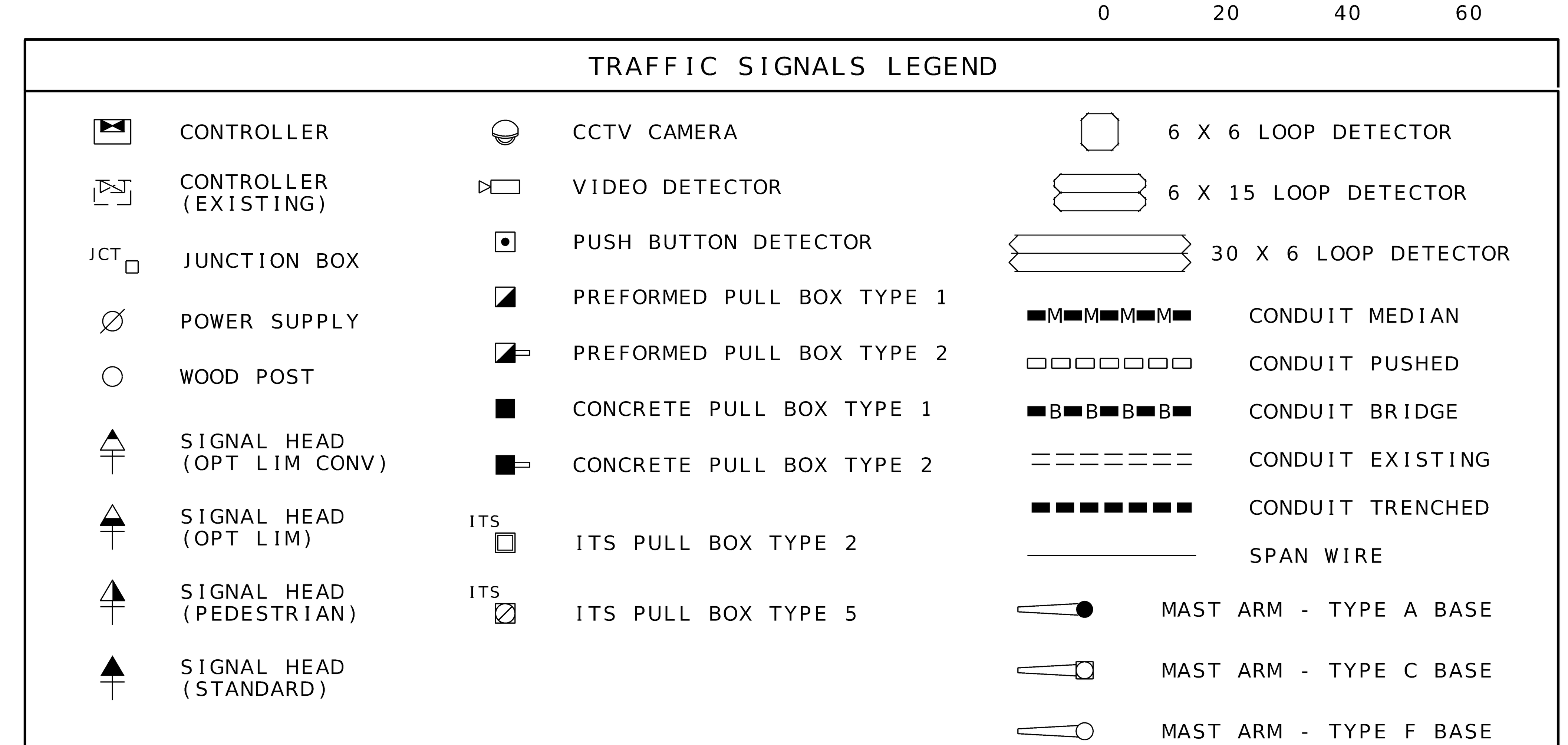
* SUBSIDIARY TO COST OF ASSEMBLY.

NOTES:

1. WORK INCLUDING PEDESTAL POLES, FOUNDATIONS, WIRING, CONDUIT, PUSHBUTTON, PAVEMENTS MARKING, ETC. SHALL FOLLOW CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
2. 4-WIRE SYSTEM: CONNECT PUSHBUTTON TO CORRESPONDING PEDESTRIAN HEAD VIA 4c CABLE. INSTALL CONTROL UNIT PANEL IN PEDESTRIAN HEAD AND CONNECT PER MANUFACTURER'S SPECIFICATIONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSARY.
3. 2-WIRE SYSTEM: USE EXISTING OR NEW 2-C WIRE TO ACTIVATE SYSTEM. INSTALL CENTRAL CONTROL UNIT IN EXISTING CABINET. PRIOR TO SPLICING 2-C CABLE, CONFIRM EXISTING 2-C CABLE CAN NOT BE USED TO RECONNECT PUSHBUTTONS. REROUTE EXISTING 2c TO NEW APS UNIT IF POSSIBLE. SPLICE AND EXTEND FROM EXISTING PULL BOX IF NECESSERY.

WIRING DIAGRAM





US 24 AT INDEPENDENCE AVENUE

SIGNAL PLAN
SHEET 12 OF 31

STATE OF MISSOURI JOSHUA PUDLOWSKI NUMBER PE-2021009515 PROFESSIONAL ENGINEER
Joshua Pudlowski Date: 2025.11.14 17:06:05-06'00'

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

DATE PREPARED	11/14/2025
ROUTE	VAR.
STATE	MO
DISTRICT	KC
SHEET NO.	106
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE | DESCRIPTION

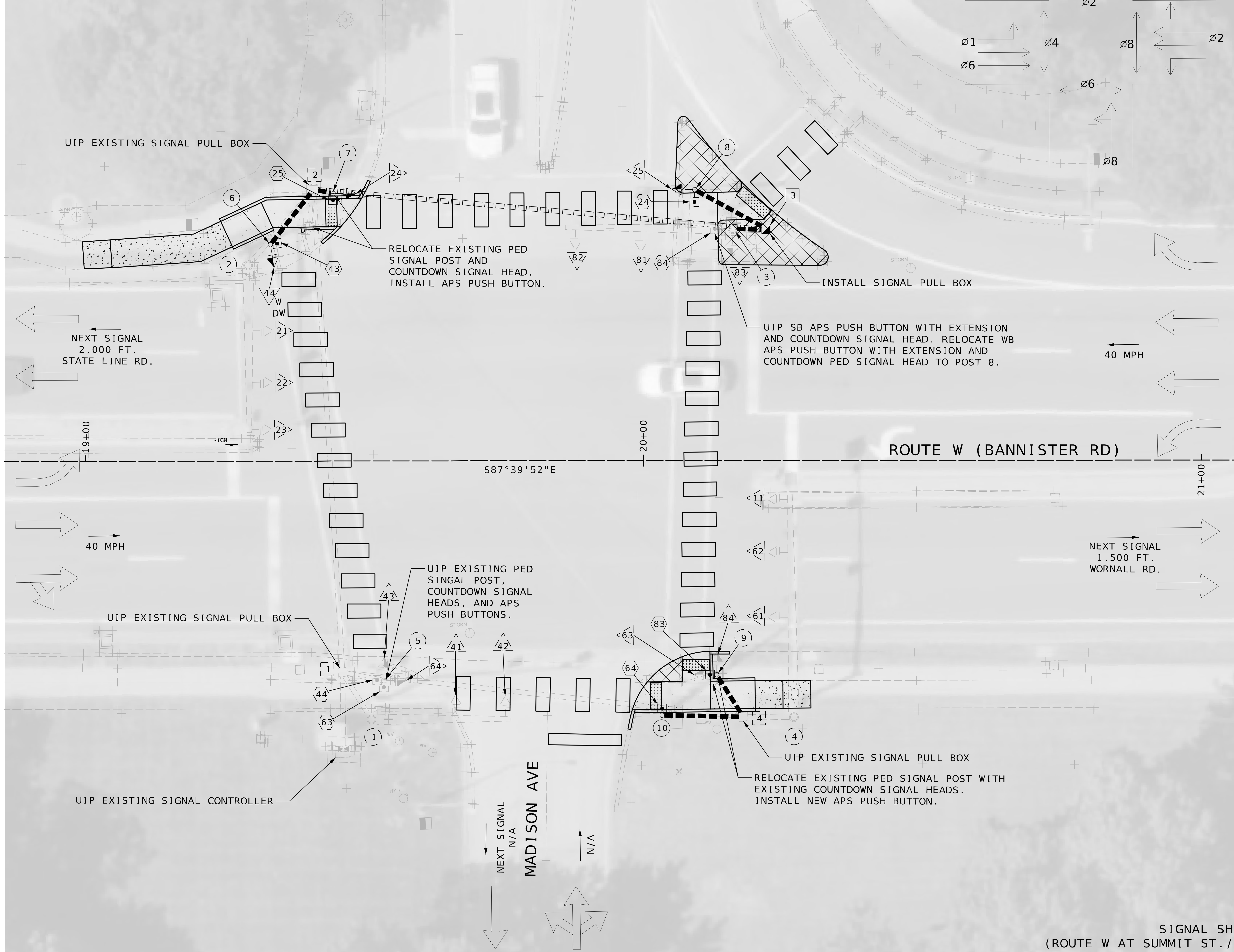
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592

GENERAL NOTE (SIGNAL SHEETS)

1. TRAFFIC FLOW ARROWS SHOWN FOR DIAGRAM PURPOSES ONLY. DO NOT INSTALL PAVEMENT MARKING ARROWS UNLESS SPECIFIED IN THE PLANS.

2. SEE ROADWAY PLANS FOR DETAILS OF EXISTING EASEMENTS.



TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

SCALE 0 10 20 30

SIGNAL SHEET 13 OF 31
(ROUTE W AT SUMMIT ST./MADISON AVE. SHEET 1 OF 3)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008022211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 107
COUNTY JACKSON	
JOB NO. J4P3268H	
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	CONTROL 2c #16	CONTROL 5c #16	CONTROL 7c #16	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	VIDEO	CCTV	PREEMPTION	REMARKS
	1	14									
	5	22									
	64	22		46							
	63	22	45								
	43	22		46							
	44	22	45								
	2	101									
	6	113									
	44	113		143							
	43	113	142								
	7	104									
	24	104		134							
	25	104	133								
	3	182									
	3	188									
	81	188			30						JUMPER FROM 82
	82	188			265						
	83	188		224							
	84	188	223								
	8	197									
	25	197		233							
	24	197	232								
	4	86									
	9	95									
	63	95		125							
	84	95		125							
	83	95	124								
	10	101									
	64	101	130								
		SUBTOTALS	1,074	1,076	295						
		TOTALS	1,070	1,080	300						

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	TRENCH 3"	PUSHED 3"	MEDIAN 3"	REMARKS
	1	14				UIP EXISTING CONDUIT
1	5	8				UIP EXISTING CONDUIT
1	2	87				UIP EXISTING CONDUIT
1	4	73				UIP EXISTING CONDUIT
2	6	13	14			
2	7	4	5			
2	3	82		80		
3	3	6			7	
3	8	15	16			
4	9	9	10			
4	10	15	16			
		SUBTOTALS	61	80	7	
		TOTALS	61	80	7	

POST NUMBER	PULL BOX NUMBER	LOCATION QUADRANT	LOCATION STATION	LOCATION OFFSET	BASE C	BASE CONCRETE** (CU. YDS.)	PULL BOX PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	DRAIN TYPE* I	II A	II B	II C	UIP EXISTING*	ADJUST EXISTING	POST TOP MOUNT POST 4 FT.	15 FT.	UIP EXISTING*	RELOCATE EXIST.*
			ROUTE W																	
5		SW CORNER	19+53.38	RT. 39.4															1	
	1	SW CORNER	19+45.98	RT. 37.9											1					
6		NW CORNER	19+33.14	LT. 38.8	1	0.44												1		
7		NW CORNER	19+44.40	LT. 48.0	1	0.44														1
	2	NW CORNER	19+40.90	LT. 48.7											1					
3		NE CORNER	20+16.01	LT. 41.5															1	
8		NE CORNER	20.09+21	LT. 48.6	1	0.44												1		
	3	NE CORNER	20+21.93	LT. 41.4				1			1									
9		SE CORNER	20+13.05	RT. 38.4	1	0.44														1
10		SE CORNER	20+03.26	RT. 45.6	1	0.44											1			
	4	SE CORNER	20+17.82	RT. 45.9											1					
					SUBTOTALS	2.20		1									1	2		2
					TOTALS	2.2		1									1	2		2

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 9020833	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 9020834
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	90 X 18	11.3		
	D3-1 ***	60 X 18	7.5		
4	R10-3E	9 X 15	0.9	&	&
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
	R10-12	30 X 36	7.5		
			SUBTOTAL		
			TOTAL		

& PEDESTRIAN SIGN MATERIAL AND MOUNTING HARDWARE INCLUDED IN BID ITEM FOR APS

DETECTOR SCHEDULE

DETECTOR NUMBER	PHASE	TYPE PUSH BUTTON APS	TYPE PUSH BUTTON EXTENSION	RELOCATE EXISTING APS &&	UIP EXISTING APS *	UIP EXISTING RADAR DETECTION *	REMARKS
24	2			1			
25	2	1					
43	4	1					
44	4				1		
63	6				1		
64	6	1					
83	8	1					
84	8				1		
TOTALS		4		1			

&&: RELOCATE PUSH BUTTON EXTENSION WITH APS, IF NOTED IN PLAN SHEET

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

SIGNAL HEADS

POST NUMBER	FACE NUMBER	INDICATIONS* 12" LENS CONVENTIONAL R	RL	Y	YL	FYL	GL	G	S	L	R†	1s	VISORS* 12" LENS	VISORS* PED.	RELOCATE EXISTING	UIP EXISTING*	BACKPLATE* LENSES 1	3	4	BRACKET* TYPE I	II	III	ONE-FACE SECTION 1- T	1- S	1- C	1- B	3- T	3- S	3- C	3- B
5	43															1														
5	64															1														
6	44											1		1			1			1				1						
7	24														1															
3	83															1														
8	25														1															
9	63														1															
9	84														1															
TOTALS															4															
																					SUBTOTAL CONVENTIONAL			1						
																					TOTAL CONVENTIONAL			1						

INTERSECTION

SIGNAL SHEET 14 OF 31
(ROUTE W AT SUMMIT ST./MADISON AVE SHEET 2 OF 3)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 108
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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)

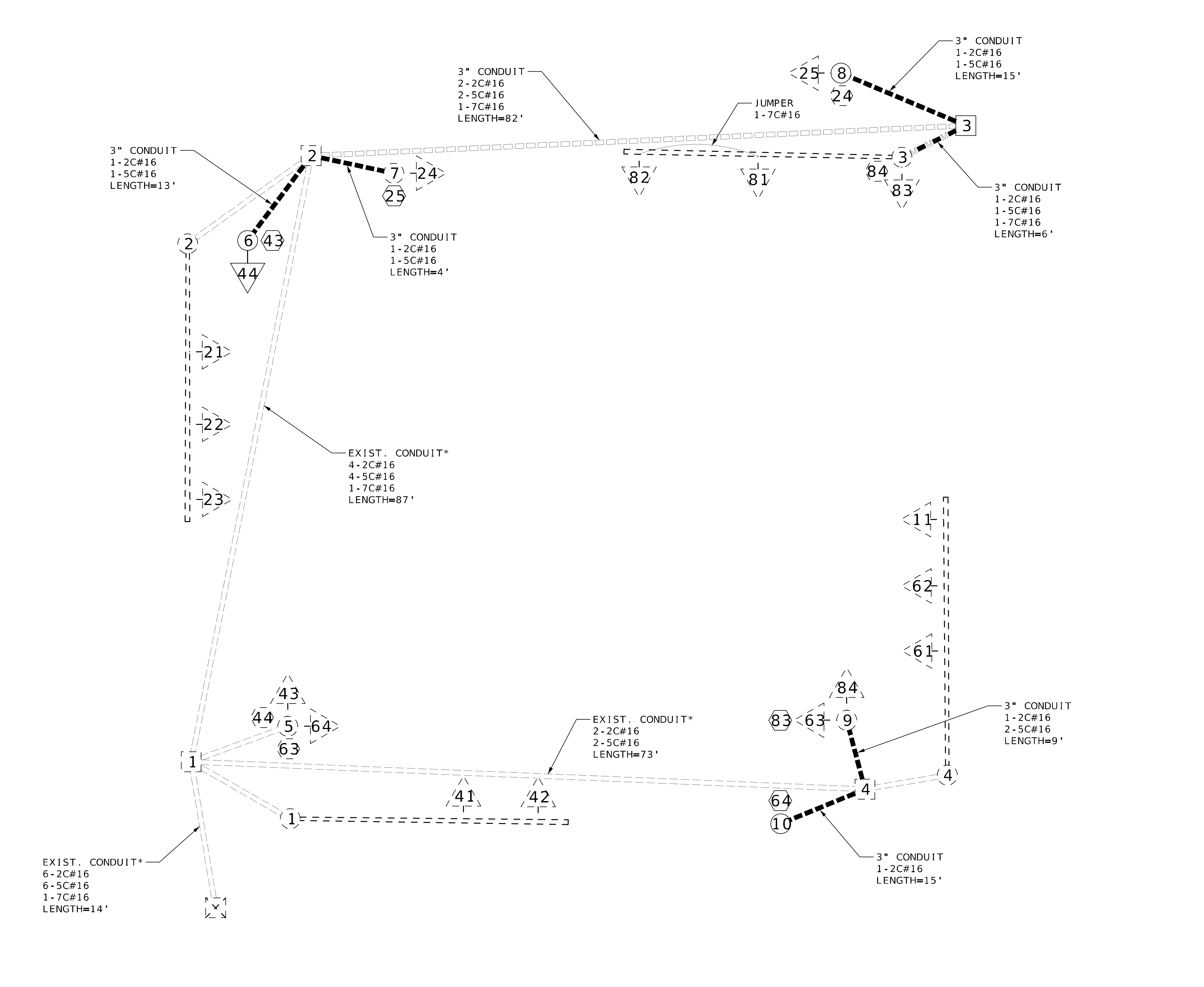
MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

EFFECTIVE 12-01-17

WIRING DIAGRAM



*CABLES SHOWN ARE PROPOSED. EXISTING CONDUIT CONTAINS ADDITIONAL CABLES.
LENGTHS SHOWN ARE CENTER TO CENTER DISTANCES.

LEGEND

- CONDUIT (TRENCHED)
- CONDUIT (PUSHED)
- CONDUIT (MEDIAN)
- CONDUIT (EXISTING)
- CABLE
- X-Xc — MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC — #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- PULL BOX WITH NUMBER (EXISTING)
- POST WITH NUMBER
- POST WITH NUMBER (EXISTING)
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- DETECTOR WITH NUMBER (EXISTING)
- SIGNAL HEAD WITH NUMBER
- SIGNAL HEAD WITH NUMBER (EXISTING)
- SIGNAL CONTROLLER
- SIGNAL CONTROLLER (EXISTING)
- POWER SUPPLY
- LIGHTING CONTROLLER

SIGNAL SHEET 15 OF 31
(ROUTE W AT SUMMIT ST./MADISON AVE. SHEET 3 OF 3)

INTERSECTION

D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	109
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/109_SG_15_J4P3268H_I1_D37D 1:07:36 AM 11/15/2025

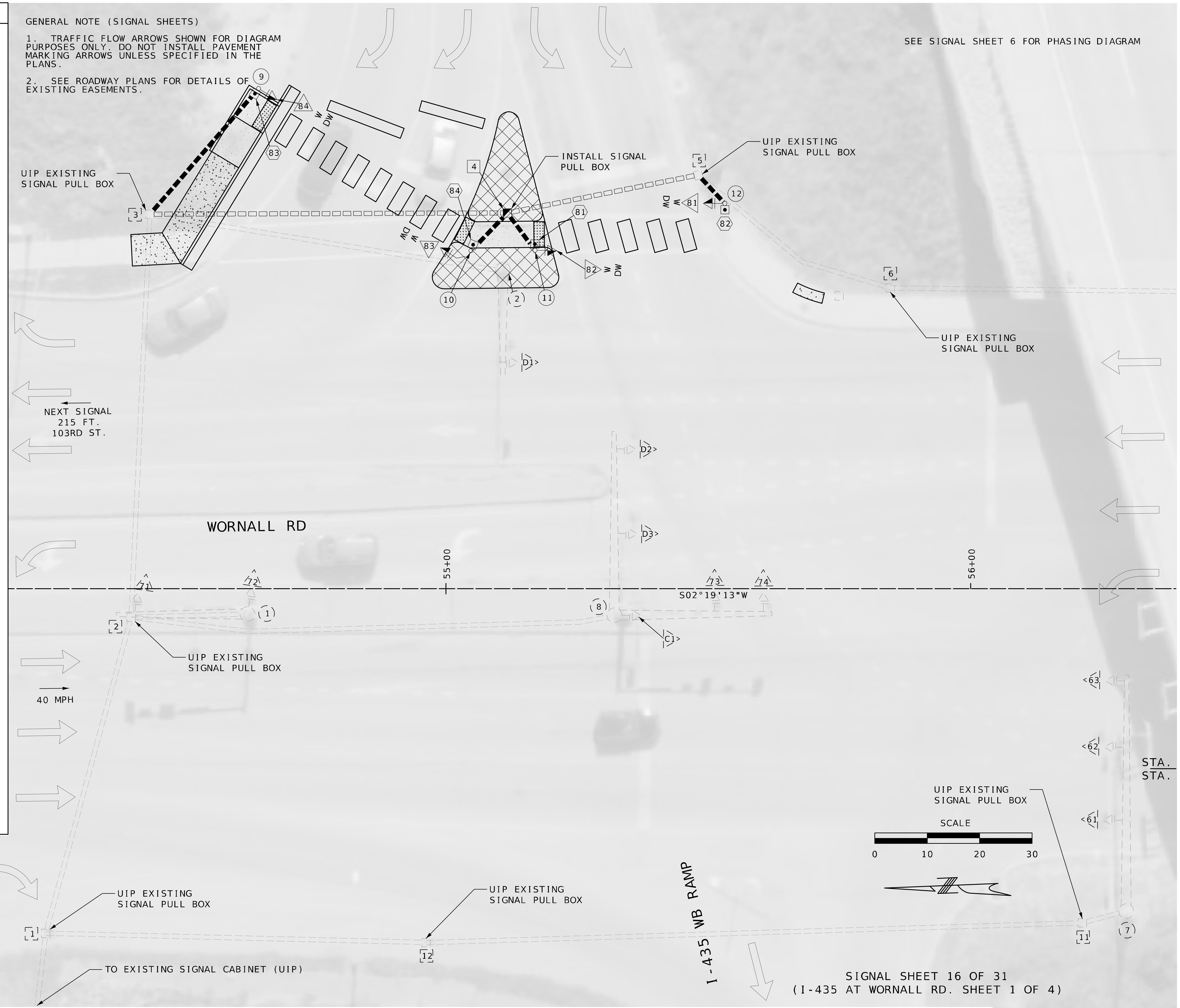
TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

GENERAL NOTE (SIGNAL SHEETS)

1. TRAFFIC FLOW ARROWS SHOWN FOR DIAGRAM PURPOSES ONLY. DO NOT INSTALL PAVEMENT MARKING ARROWS UNLESS SPECIFIED IN THE PLANS.
2. SEE ROADWAY PLANS FOR DETAILS OF EXISTING EASEMENTS.

SEE SIGNAL SHEET 6 FOR PHASING DIAGRAM



SIGNAL SHEET 16 OF 31
(I-435 AT WORNALL RD. SHEET 1 OF 4)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	110
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/110_SG_16_J4P3268H_I10_Wornall_SB 1:07:54 AM 11/15/2025

TRAFFIC SIGNALS LEGEND

	CONTROLLER
	CONTROLLER (EXISTING)
JCT	JUNCTION BOX
	POWER SUPPLY
	WOOD POST
	SIGNAL HEAD (OPT LIM CONV)
	SIGNAL HEAD (OPT LIM)
	SIGNAL HEAD (PEDESTRIAN)
	SIGNAL HEAD (STANDARD)
	CCTV CAMERA
	VIDEO DETECTOR
	PUSH BUTTON DETECTOR
	PREFORMED PULL BOX TYPE 1
	PREFORMED PULL BOX TYPE 2
	CONCRETE PULL BOX TYPE 1
	CONCRETE PULL BOX TYPE 2
ITS	ITS PULL BOX TYPE 2
ITS	ITS PULL BOX TYPE 5
	6 X 6 LOOP DETECTOR
	6 X 15 LOOP DETECTOR
	30 X 6 LOOP DETECTOR
M M M M	CONDUIT MEDIAN
	CONDUIT PUSHED
B B B B	CONDUIT BRIDGE
	CONDUIT EXISTING
	CONDUIT TRENCHED
	SPAN WIRE
	MAST ARM - TYPE A BASE
	MAST ARM - TYPE C BASE
	MAST ARM - TYPE F BASE

GENERAL NOTE (SIGNAL SHEETS)

1. TRAFFIC FLOW ARROWS SHOWN FOR DIAGRAM PURPOSES ONLY. DO NOT INSTALL PAVEMENT MARKING ARROWS UNLESS SPECIFIED IN THE PLANS.
2. SEE ROADWAY PLANS FOR DETAILS OF EXISTING EASEMENTS.

SIGNAL SHEET 17 OF 31
(I-435 AT WORNALL RD. SHEET 2 OF 4)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 111
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 · JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	CONTROL 2c #16	CONTROL 5c #16	CONTROL 7c #16	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	VIDEO	CCTV	PREEMPTION	REMARKS
⧓	3	182									
⧓	9	214									
⧓	84	214		250							
⧓	83	214	249								
⧓	4	250									
⧓	10	261									
⧓	83	261		303							
⧓	84	261	302								
⧓	11	260									
⧓	82	260		302							
⧓	81	260	301								
⧓	5	287									
⧓	12	295									
⧓	81	295		343							
⧓	82	295	342								
⧓	7	603									
⧓	13	613									
⧓	24	613		673							
⧓	25	613	672								
⧓	8	677									
⧓	14	683									
⧓	25	683		749							
⧓	24	683	748								
		SUBTOTALS	2,614	2,620							
		TOTALS	2,610	2,620							

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	TRENCH 3″	PUSHED 3″	MEDIAN 3″	REMARKS
⧓	1	43				UIP EXISTING CONDUIT
1	2	63				UIP EXISTING CONDUIT
2	3	77				UIP EXISTING CONDUIT
3	9	33	34			
3	4	68		66		
4	10	11	12			
4	11	10	11			
4	5	37		35		
5	12	8	9			
5	6	44				UIP EXISTING CONDUIT
6	7	273				UIP EXISTING CONDUIT
7	13	10		11		
7	8	75				UIP EXISTING CONDUIT
8	14	6				UIP EXISTING CONDUIT
		SUBTOTALS	66	112		
		TOTALS	66	112		

LOCATION / BASE / PULL BOX / POST

POST NUMBER	PULL BOX NUMBER	QUADRANT	STATION	OFFSET	BASE C	BASE CONCRETE✱✱ (CU. YDS.)	PULL BOX PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	DRAIN TYPE✱ I	DRAIN TYPE II A	II B	II C	PULL BOX UIP EXISTING✱	ADJUST EXISTING	POST TOP MOUNT POST 4 FT.	15 FT.	POST UIP EXISTING✱	RELOCATE EXIST.✱
			WORNALL RD																	
	1	SW CORNER	54+23.75	RT. 65.7											1					
	2	W MEDIAN	54+40.02	RT. 5.4											1					
9		NW CORNER	54+64.29	LT. 95.3	1	0.44												1		
	3	NW CORNER	54+43.58	LT. 71.4											1					
10		NW ISLAND	55+04.98	LT. 64.7	1	0.44												1		
11		NW ISLAND	55+16.97	LT. 64.5	1	0.44												1		
	4	NW ISLAND	55+11.70	LT. 71.6				1			1									
12		N UNDER BRIDGE	55+53.15	LT. 73.4	1	0.44												1		
	5	N UNDER BRIDGE	55+48.09	LT. 78.8											1					
	6	N UNDER BRIDGE	55+84.72	LT. 57.3											1					
13		N UNDER BRIDGE	58+56.85	LT. 61.4	1	0.44														1
	7	N UNDER BRIDGE	58+51.91	LT. 68.4											1					
14		NE ISLAND	59+29.63	LT. 59.1															1	
	8	NE ISLAND	59+24.96	LT. 61.6											1					
				SUBTOTALS		2.20		1										4		1
				TOTALS		2.2		1										4		1

DETECTOR SCHEDULE

DETECTOR NUMBER	PHASE	TYPE PUSH BUTTON APS	TYPE PUSH BUTTON EXTENSION	RELOCATE EXISTING APS	UIP EXISTING APS ✱	UIP EXISTING RADAR DETECTION ✱	REMARKS
24	2	1					
25	2	1					
81	8	1					
82	8	1					
83	8	1					
84	8	1					
	TOTALS	6					

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE (INCHES)	AREA (SQ.FT.)	SIGN TOTAL AREA ITEM NO. 9020833 (SQ.FT.)	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 9020834 (EA.)
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ✱✱✱	90 X 18	11.3		
	D3-1 ✱✱✱	60 X 18	7.5		
6	R10-3E	9 X 15	0.9	&	&
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
	R10-12	30 X 36	7.5		
			SUBTOTAL		
			TOTAL		

& PEDESTRIAN SIGN MATERIAL AND MOUNTING HARDWARE INCLUDED IN BID ITEM FOR APS

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

✱ ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

✱✱ SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

✱✱✱ USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

SIGNAL HEADS

POST NUMBER	FACE NUMBER	INDICATIONS✱ 12″ LENS CONVENTIONAL R	RL	Y	YL	FYL	GL	G	S	L	R†	1s (ped)	VISORS ✱ 12″ LENS	VISORS ✱ PED.	RELOCATE EXISTING (ped)	UIP EXISTING ✱ (ped)	BACKPLATE ✱ LENSES 1	3	4	BRACKET ✱ TYPE I	II	III	ONE-FACE SECTION 1- T	1- S	1- C	1- B	3- T	3- S	3- C	3- B
9	84											1		1			1			1				1						
10	83											1		1			1			1				1						
11	82											1		1			1			1				1						
12	81											1		1			1			1				1						
13	24											1		1			1			1				1						
14	25											1		1			1			1				1						
TOTALS																														
SUBTOTAL CONVENTIONAL																								6						
TOTAL CONVENTIONAL																								6						

INTERSECTION

SIGNAL SHEET 18 OF 31
(I-435 AT WORNALL RD. SHEET 3 OF 4)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/15/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 112
COUNTY JACKSON	
JOB NO. J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

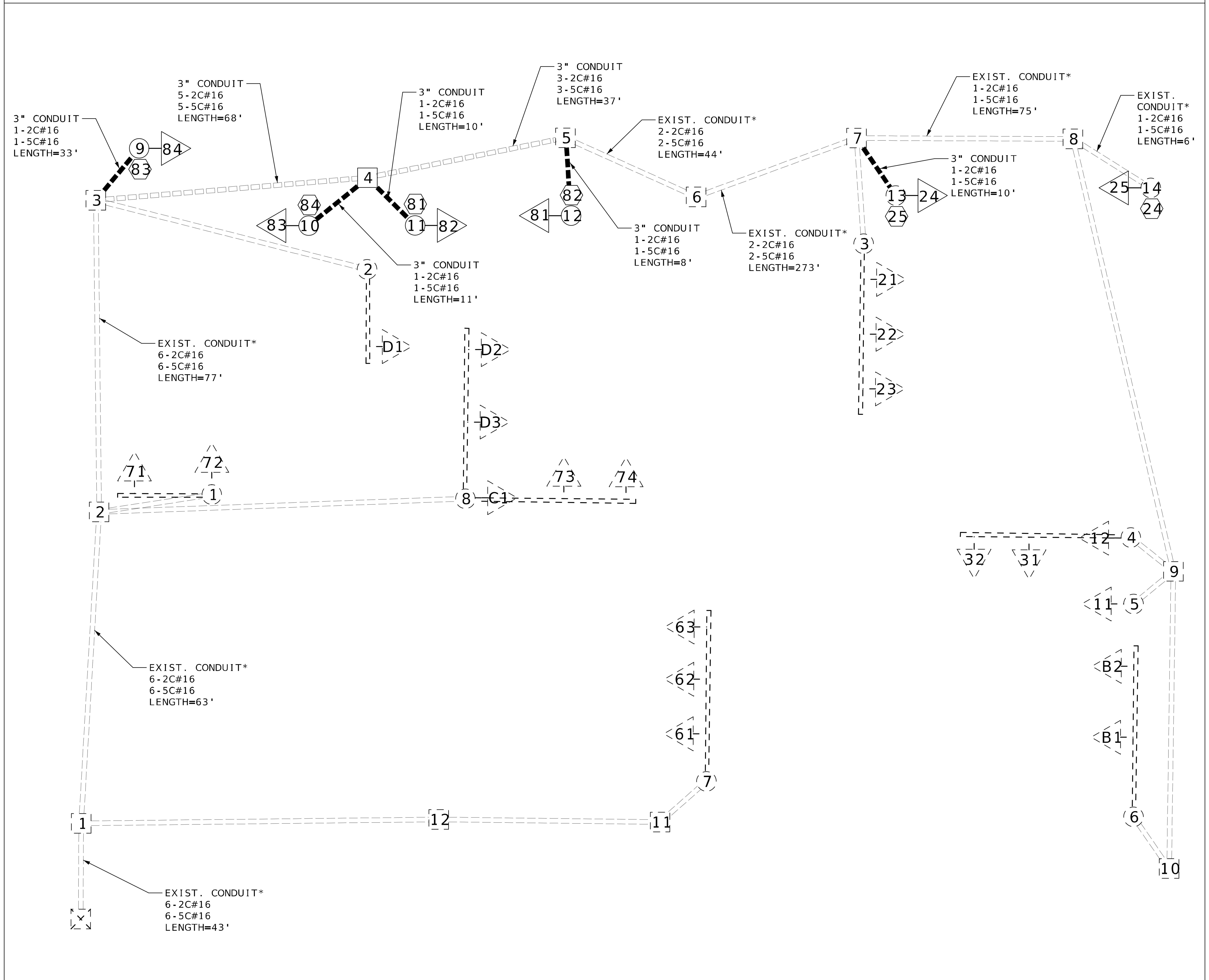
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

EFFECTIVE 12-01-17

WIRING DIAGRAM



*CABLES SHOWN ARE PROPOSED. EXISTING CONDUIT CONTAINS ADDITIONAL CABLES.
LENGTHS SHOWN ARE CENTER TO CENTER DISTANCES.

LEGEND

- CONDUIT (TRENCHED)
- CONDUIT (PUSHED)
- CONDUIT (MEDIAN)
- CONDUIT (EXISTING)
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- PULL BOX WITH NUMBER (EXISTING)
- POST WITH NUMBER
- POST WITH NUMBER (EXISTING)
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- DETECTOR WITH NUMBER (EXISTING)
- SIGNAL HEAD WITH NUMBER
- SIGNAL HEAD WITH NUMBER (EXISTING)
- SIGNAL CONTROLLER
- SIGNAL CONTROLLER (EXISTING)
- POWER SUPPLY
- LIGHTING CONTROLLER

SIGNAL SHEET 19 OF 31
(I-435 AT WORNALL RD. SHEET 4 OF 4)

INTERSECTION

D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	113
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

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

Bartlett & West
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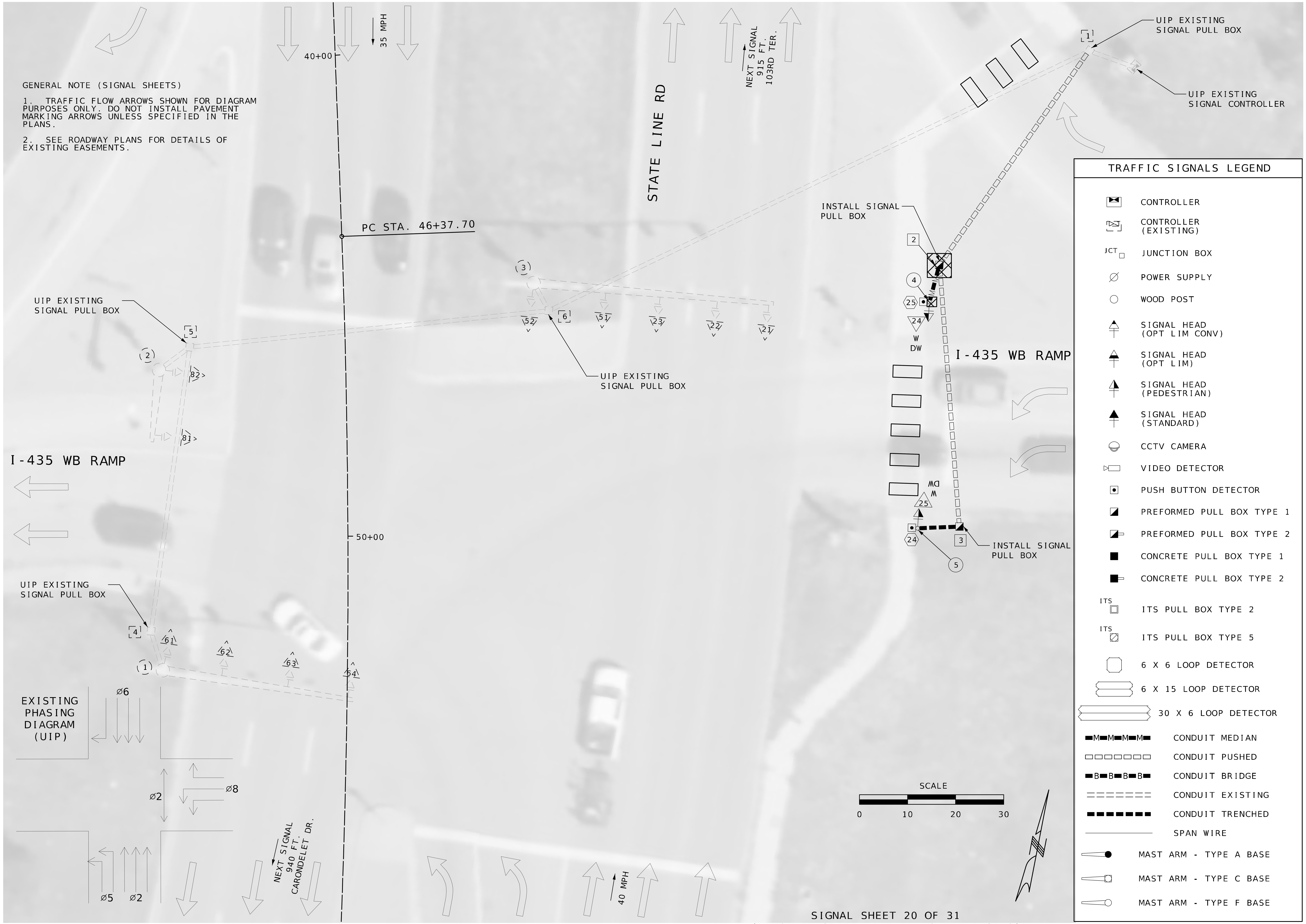
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/113_SG_19_J4P3268H_I1_D37D 1:08:25 AM 11/15/2025



SIGNAL SHEET 20 OF 31
(I-435 AT STATE LINE RD. SHEET 1 OF 3)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 114
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	CONTROL 2c #16	CONTROL 5c #16	CONTROL 7c #16	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	VIDEO	CCTV	PREEMPTION	REMARKS
	2	65									
	4	72									
	24	72		102							
	25	72	101								
	3	119									
	5	127									
	25	127		163							
	24	127	163								
		SUBTOTALS	264	265							
		TOTALS	260	270							

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	TRENCH 3″	PUSHED 3″	MEDIAN 3″	REMARKS
	1	11				UIP EXISTING CONDUIT
1	2	55		53		
2	4	8			9	
2	3	55		53		
3	5	8	9			
		SUBTOTALS	9	106	9	
		TOTALS	9	106	9	

POST NUMBER	PULL BOX NUMBER	LOCATION: QUADRANT	LOCATION: STATION	LOCATION: OFFSET	BASE: C	BASE: CONCRETE** (CU. YDS.)	PULL BOX: PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	DRAIN TYPE* I	II A	II B	II C	UIP EXISTING*	ADJUST EXISTING	POST: TOP MOUNT POST 4 FT.	15 FT.	UIP EXISTING*	RELOCATE EXIST.*
			STATE LINE RD																	
	1	NE CORNER	46+04.90	LT. 156.6											1					
4		NE ISLAND	46+54.67	LT. 121.6	1	0.44												1		
	2	NE ISLAND	46+47.49	LT. 123.9				1			1									
5		SE CORNER	46+98.87	LT. 118.4	1	0.44												1		
	3	SE CORNER	46+98.57	LT. 127.0				1			1									
				SUBTOTALS		0.88		2										2		
				TOTALS		0.9		2										2		

DETECTOR SCHEDULE

DETECTOR NUMBER	PHASE	TYPE: PUSH BUTTON APS	TYPE: PUSH BUTTON EXTENSION	RELOCATE EXISTING APS	UIP EXISTING APS *	UIP EXISTING RADAR DETECTION *	REMARKS
24	2	1					
25	2	1					
	TOTALS	2					

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 9020833	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 9020834
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	90 X 18	11.3		
	D3-1 ***	60 X 18	7.5		
2	R10-3E	9 X 15	0.9	&	&
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
	R10-12	30 X 36	7.5		
			SUBTOTAL		
			TOTAL		

& PEDESTRIAN SIGN MATERIAL AND MOUNTING HARDWARE INCLUDED IN BID ITEM FOR APS

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

SIGNAL HEADS

POST NUMBER	FACE NUMBER	INDICATIONS* 12″ LENS CONVENTIONAL R	RL	Y	YL	FYL	GL	G	S	L	R†	1s	VISORS * 12″ LENS	VISORS * PED.	RELOCATE EXISTING	UIP EXISTING *	BACKPLATE * LENSES 1	3	4	BRACKET * TYPE I	II	III	ONE-FACE SECTION 1- T	1- S	1- C	1- B	3- T	3- S	3- C	3- B
4	24											1		1			1			1				1						
5	25											1		1			1			1				1						
	TOTALS																													
	SUBTOTAL CONVENTIONAL																							2						
	TOTAL CONVENTIONAL																							2						

INTERSECTION

SIGNAL SHEET 21 OF 31
(I-435 AT STATE LINE RD. SHEET 2 OF 3)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	115
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

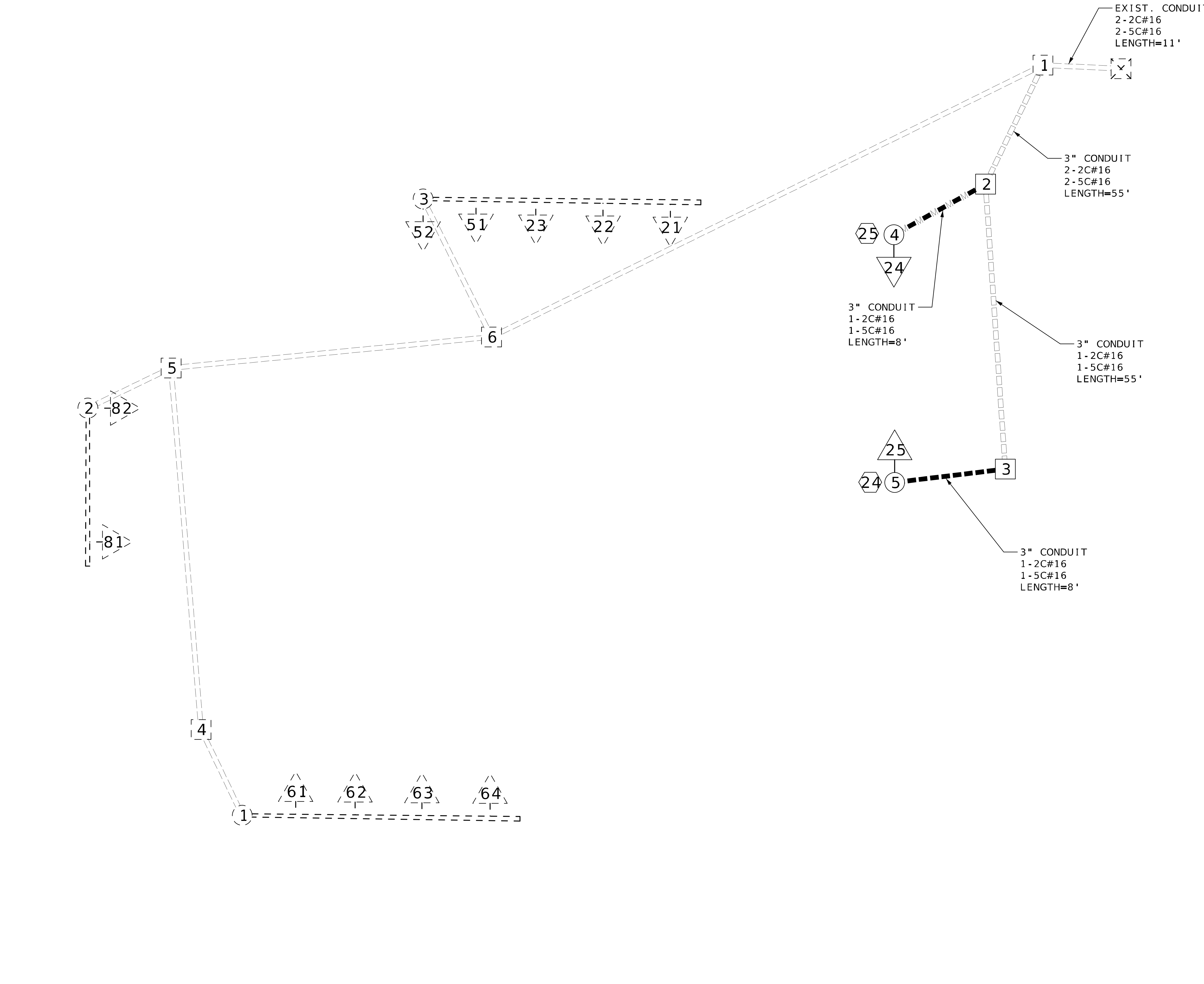
DATE	DESCRIPTION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

WIRING DIAGRAM



*CABLES SHOWN ARE PROPOSED. EXISTING CONDUIT CONTAINS ADDITIONAL CABLES.
LENGTHS SHOWN ARE CENTER TO CENTER DISTANCES.

LEGEND

- CONDUIT (TRENCHED)
- CONDUIT (PUSHED)
- CONDUIT (MEDIAN)
- CONDUIT (EXISTING)
- CABLE
- X-Xc — MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC — #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- PULL BOX WITH NUMBER (EXISTING)
- POST WITH NUMBER
- POST WITH NUMBER (EXISTING)
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- DETECTOR WITH NUMBER (EXISTING)
- SIGNAL HEAD WITH NUMBER
- SIGNAL HEAD WITH NUMBER (EXISTING)
- SIGNAL CONTROLLER
- SIGNAL CONTROLLER (EXISTING)
- POWER SUPPLY
- LIGHTING CONTROLLER

SIGNAL SHEET 22 OF 31
(I-435 AT STATE LINE RD. SHEET 3 OF 3)

INTERSECTION

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/15/2025
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 116
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

D-37D

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

GENERAL NOTE (SIGNAL SHEETS)

1. TRAFFIC FLOW ARROWS SHOWN FOR DIAGRAM PURPOSES ONLY. DO NOT INSTALL PAVEMENT MARKING ARROWS UNLESS SPECIFIED IN THE PLANS.

2. SEE ROADWAY PLANS FOR DETAILS OF EXISTING EASEMENTS.

SIGNAL SHEET 23 OF 31
(MO-150 AT STATE LINE RD. SHEET 1 OF 3)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	11/16/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	117
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.D30/OpenRoads Designer/J4P3268H Jackson ADA/plan_sheets/3_Final Plans/117_SG_23_J4P3268H_I10_MO150atStateLine 10:04:26 AM 11/16/2025

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	CONTROL 2c #16	CONTROL 5c #16	CONTROL 7c #16	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	VIDEO	CCTV	PREEMPTION	REMARKS
	1	8									
	5	21									
	25	21		45							
	24	21	44								
	6	31									
	83	31		55							
	84	31	54								
		SUBTOTALS	98	100							
		TOTALS	100	100							

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	TRENCH 3"	PUSHED 3"	MEDIAN 3"	REMARKS
	1	8				UIP EXISTING CONDUIT
1	5	14	2			UIP EXIST. CONDUIT RUN. REPLACE CONDUIT CONNECTION AT POST BASE.
1	6	24	2			UIP EXIST. CONDUIT RUN. REPLACE CONDUIT CONNECTION AT POST BASE.
		SUBTOTALS	4			
		TOTALS	4			

POST / PULL BOX

POST NUMBER	PULL BOX NUMBER	LOCATION QUADRANT	LOCATION STATION	LOCATION OFFSET	BASE C	BASE CONCRETE** (CU. YDS.)	PULL BOX PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	DRAIN TYPE* I	II A	II B	II C	UIP EXISTING*	ADJUST EXISTING	POST TOP MOUNT POST 4 FT.	15 FT.	UIP EXISTING*	RESETEXIST.*
			MO-150																	
	1	SE CORNER	0+77.65	RT. 72.1											1					
5		SE CORNER	0+69.86	RT. 79.1	1	0.44														1
6		SE CORNER	0+90.28	RT. 65.8	1	0.44														1
				SUBTOTALS		0.88														2
				TOTALS		0.9														2

DETECTOR SCHEDULE

DETECTOR NUMBER	PHASE	TYPE PUSH BUTTON APS	TYPE PUSH BUTTON EXTENSION	RELOCATE EXISTING APS	UIP EXISTING APS *	UIP EXISTING RADAR DETECTION *	REMARKS
24	2			1			
25	2				1		
43	4				1		
44	4				1		
64	6				1		
65	6				1		
83	8				1		
84	8			1			
TOTALS				2			

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE (INCHES)	AREA (SQ.FT.)	SIGN TOTAL AREA ITEM NO. 9020833 (SQ.FT.)	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 9020834 (EA.)
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	90 X 18	11.3		
	D3-1 ***	60 X 18	7.5		
	R10-3E	9 X 15	0.9		
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
	R10-12	30 X 36	7.5		
			SUBTOTAL		
			TOTAL		

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

SIGNAL HEADS

POST NUMBER	FACE NUMBER	R	RL	Y	YL	FYL	GL	G	S	L	R+	1s (PED)	VISORS 12" LENS	VISORS PED.	RELOCATE EXISTING (PED)	UIP EXISTING* (PED)	BACKPLATE* LENSES 1	3	4	BRACKET* TYPE I	II	III	ONE-FACE SECTION 1- T	S	C	B	3- T	S	C	B
5	25														1															
6	83														1															
TOTALS															2															
																SUBTOTAL CONVENTIONAL														
																TOTAL CONVENTIONAL														

INTERSECTION

SIGNAL SHEET 24 OF 31
(MO-150 AT STATE LINE RD. SHEET 2 OF 3)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/16/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	118
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

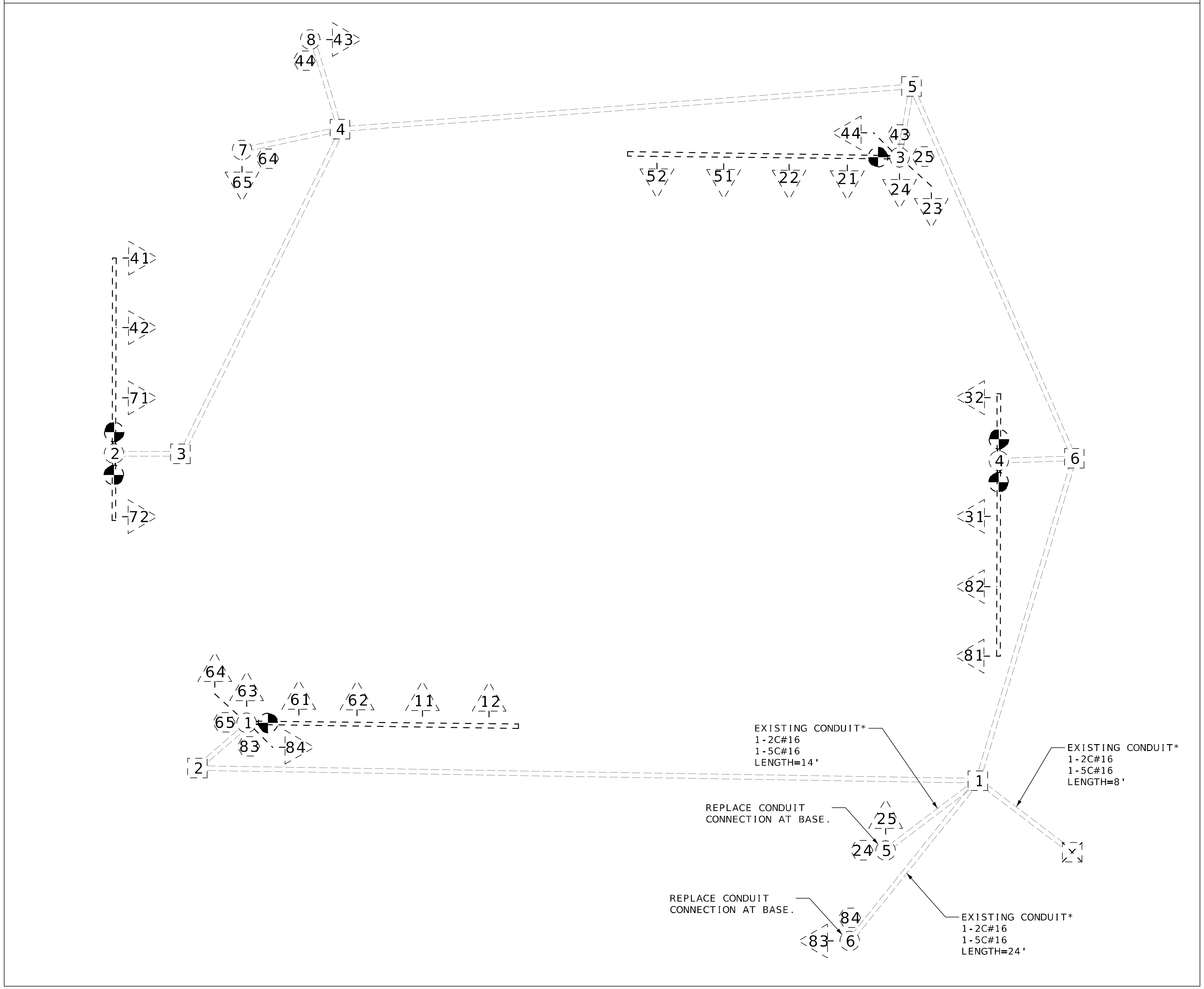
DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 · JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

WIRING DIAGRAM



*CABLES SHOWN ARE PROPOSED. EXISTING CONDUIT CONTAINS ADDITIONAL CABLES.
LENGTHS SHOWN ARE CENTER TO CENTER DISTANCES.

LEGEND

- CONDUIT (TRENCHED)
- CONDUIT (PUSHED)
- CONDUIT (MEDIAN)
- CONDUIT (EXISTING)
- CABLE
- X-Xc — MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC — #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- PULL BOX WITH NUMBER (EXISTING)
- POST WITH NUMBER
- POST WITH NUMBER (EXISTING)
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- DETECTOR WITH NUMBER (EXISTING)
- SIGNAL HEAD WITH NUMBER
- SIGNAL HEAD WITH NUMBER (EXISTING)
- SIGNAL CONTROLLER
- SIGNAL CONTROLLER (EXISTING)
- POWER SUPPLY
- LIGHTING CONTROLLER

SIGNAL SHEET 25 OF 31
(MO-150 AT STATE LINE RD, SHEET 3 OF 3)

INTERSECTION

D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED	11/16/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	119
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
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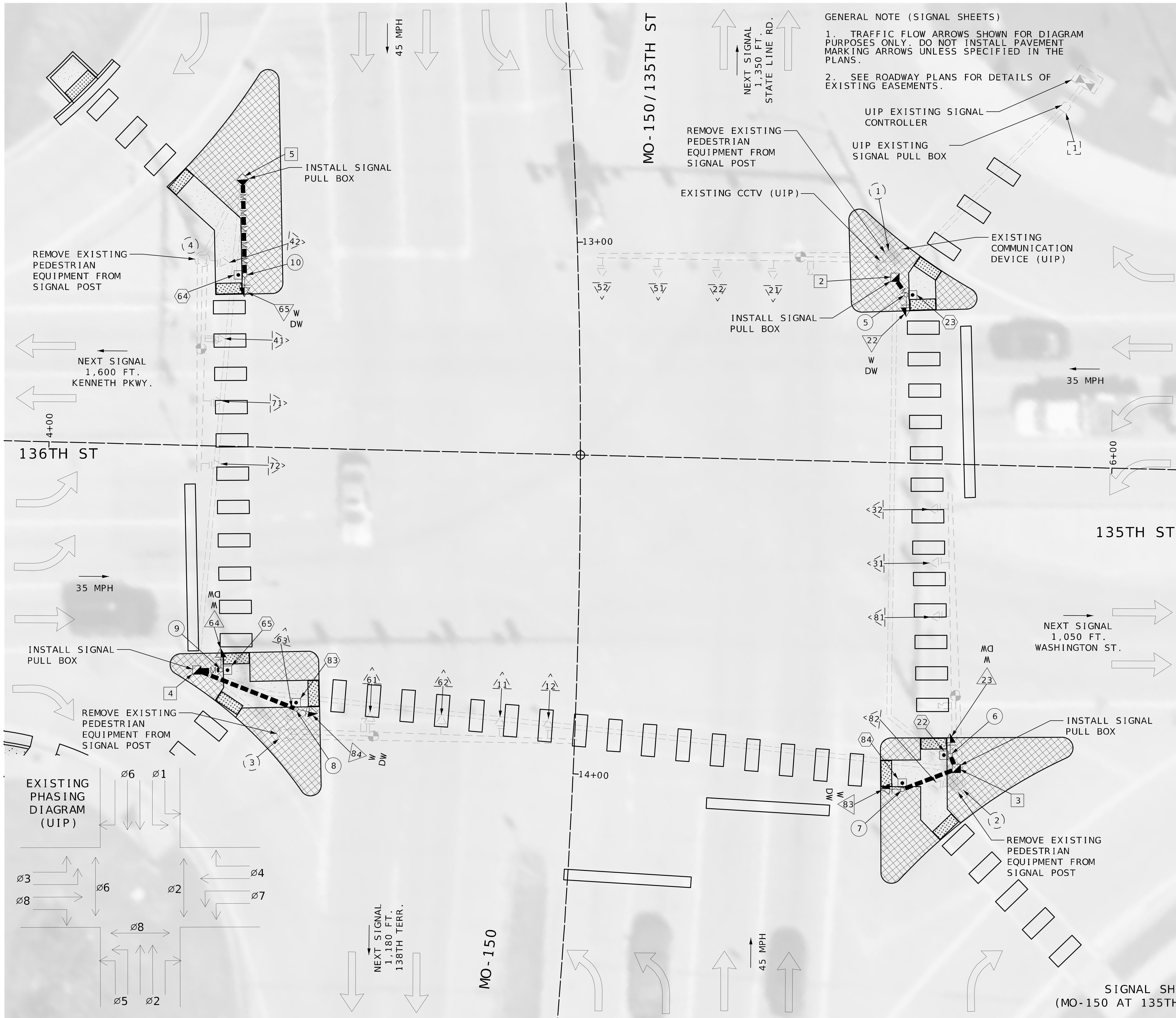
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTE (SIGNAL SHEETS)

1. TRAFFIC FLOW ARROWS SHOWN FOR DIAGRAM PURPOSES ONLY. DO NOT INSTALL PAVEMENT MARKING ARROWS UNLESS SPECIFIED IN THE PLANS.

2. SEE ROADWAY PLANS FOR DETAILS OF EXISTING EASEMENTS.



TRAFFIC SIGNALS LEGEND

	CONTROLLER
	CONTROLLER (EXISTING)
JCT	JUNCTION BOX
	POWER SUPPLY
	WOOD POST
	SIGNAL HEAD (OPT LIM CONV)
	SIGNAL HEAD (OPT LIM)
	SIGNAL HEAD (PEDESTRIAN)
	SIGNAL HEAD (STANDARD)
	CCTV CAMERA
	VIDEO DETECTOR
	PUSH BUTTON DETECTOR
	PREFORMED PULL BOX TYPE 1
	PREFORMED PULL BOX TYPE 2
	CONCRETE PULL BOX TYPE 1
	CONCRETE PULL BOX TYPE 2
ITS	ITS PULL BOX TYPE 2
ITS	ITS PULL BOX TYPE 5
	6 X 6 LOOP DETECTOR
	6 X 15 LOOP DETECTOR
	30 X 6 LOOP DETECTOR
M M M M	CONDUIT MEDIAN
	CONDUIT PUSHED
B B B B	CONDUIT BRIDGE
	CONDUIT EXISTING
	CONDUIT TRENCHED
	SPAN WIRE
	MAST ARM - TYPE A BASE
	MAST ARM - TYPE C BASE
	MAST ARM - TYPE F BASE

SCALE 0 10 20 30

SIGNAL SHEET 26 OF 31
(MO-150 AT 135TH ST. SHEET 1 OF 3)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/16/2025	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	120
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	CONTROL 2c #16	CONTROL 5c #16	CONTROL 7c #16	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	VIDEO	CCTV	PREEMPTION	REMARKS
	2	52									
	5	55									
	22	55		85							
	23	55	84								
	3	150									
	6	153									
	23	153		189							
	22	153	188								
	7	161									
	83	161		197							
	84	161	196								
	4	294									
	8	315									
	84	315		357							
	83	315	356								
	9	298									
	64	298		340							
	65	298	339								
	5	387									
	10	405									
	65	405		453							
	64	405	452								
		SUBTOTALS	1,615	1,621							
		TOTALS	1,620	1,620							

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	TRENCH 3"	PUSHED 3"	MEDIAN 3"	REMARKS
	1	6				UIP EXISTING CONDUIT
1	2	46				UIP EXISTING CONDUIT
2	5	4			5	
2	3	99				UIP EXISTING CONDUIT
3	6	3			4	
3	7	12	13			
3	4	145				UIP EXISTING CONDUIT
4	8	21	22			
4	9	4			5	
4	5	93				UIP EXISTING CONDUIT
5	10	18			18	
		SUBTOTALS	35		32	
		TOTALS	35		32	

LOCATION / BASE / PULL BOX / POST

POST NUMBER	PULL BOX NUMBER	QUADRANT	STATION	OFFSET	BASE C	CONCRETE** (CU. YDS.)	PULL BOX PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	DRAIN TYPE* I	II A	II B	II C	UIP EXISTING*	ADJUST EXISTING	POST TOP MOUNT POST 4 FT.	15 FT.	UIP EXISTING*	RELOCATE EXIST.*
			MO-150																	
	1	NE CORNER	12+78.90	LT. 92.6											1					
5		NE ISLAND	13+11.20	LT. 61.6	1	0.44												1		
	2	NE ISLAND	13+08.01	LT. 59.6				1			1									
6		SE ISLAND	13+93.61	LT. 70.7	1	0.44												1		
7		SE ISLAND	14+00.09	LT. 62.0	1	0.44												1		
	3	SE ISLAND	13+95.91	LT. 72.0				1			1									
8		SW ISLAND	13+89.81	RT. 52.5	1	0.44												1		
9		SW ISLAND	13+82.64	RT. 66.9	1	0.44												1		
	4	SW ISLAND	13+82.80	RT. 71.5				1			1									
10		NW ISLAND	13+04.48	RT. 62.7	1	0.44												1		
	5	NW ISLAND	12+85.67	RT. 62.5				1			1									
				SUBTOTALS		2.64		4										6		
				TOTALS		2.6		4										6		

DETECTOR SCHEDULE

DETECTOR NUMBER	PHASE	TYPE PUSH BUTTON APS	TYPE PUSH BUTTON EXTENSION	RELOCATE EXISTING APS	UIP EXISTING APS *	UIP EXISTING RADAR DETECTION *	REMARKS
22	2	1					
23	2	1					
64	6	1					
65	6	1					
83	8	1					
84	8	1					
	TOTALS	6					

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE (INCHES)	AREA (SQ.FT.)	SIGN TOTAL AREA ITEM NO. 9020833 (SQ.FT.)	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 9020834 (EA.)
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	90 X 18	11.3		
	D3-1 ***	60 X 18	7.5		
6	R10-3E	9 X 15	0.9	&	&
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
	R10-12	30 X 36	7.5		
			SUBTOTAL		
			TOTAL		

& PEDESTRIAN SIGN MATERIAL AND MOUNTING HARDWARE INCLUDED IN BID ITEM FOR APS

SIGNAL HEADS

POST NUMBER	FACE NUMBER	INDICATIONS* 12" LENS CONVENTIONAL R	RL	Y	YL	FYL	GL	G	S	L	R†	1s (PED)	VISORS * 12" LENS	VISORS * PED.	RELOCATE EXISTING (PED)	UIP EXISTING * (PED)	BACKPLATE * LENSES 1	3	4	BRACKET * TYPE I	II	III	ONE-FACE SECTION 1- T	1- S	1- C	1- B	3- T	3- S	3- C	3- B
5	22											1		1			1			1				1						
6	23											1		1			1			1				1						
7	83											1		1			1			1				1						
8	84											1		1			1			1				1						
9	64											1		1			1			1				1						
10	65											1		1			1			1				1						
TOTALS																														
SUBTOTAL CONVENTIONAL																								6						
TOTAL CONVENTIONAL																								6						

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

INTERSECTION

SIGNAL SHEET 27 OF 31
(MO-150 AT 135TH ST. SHEET 2 OF 3)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/16/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	121
COUNTY	JACKSON
JOB NO.	J4P3268H
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)

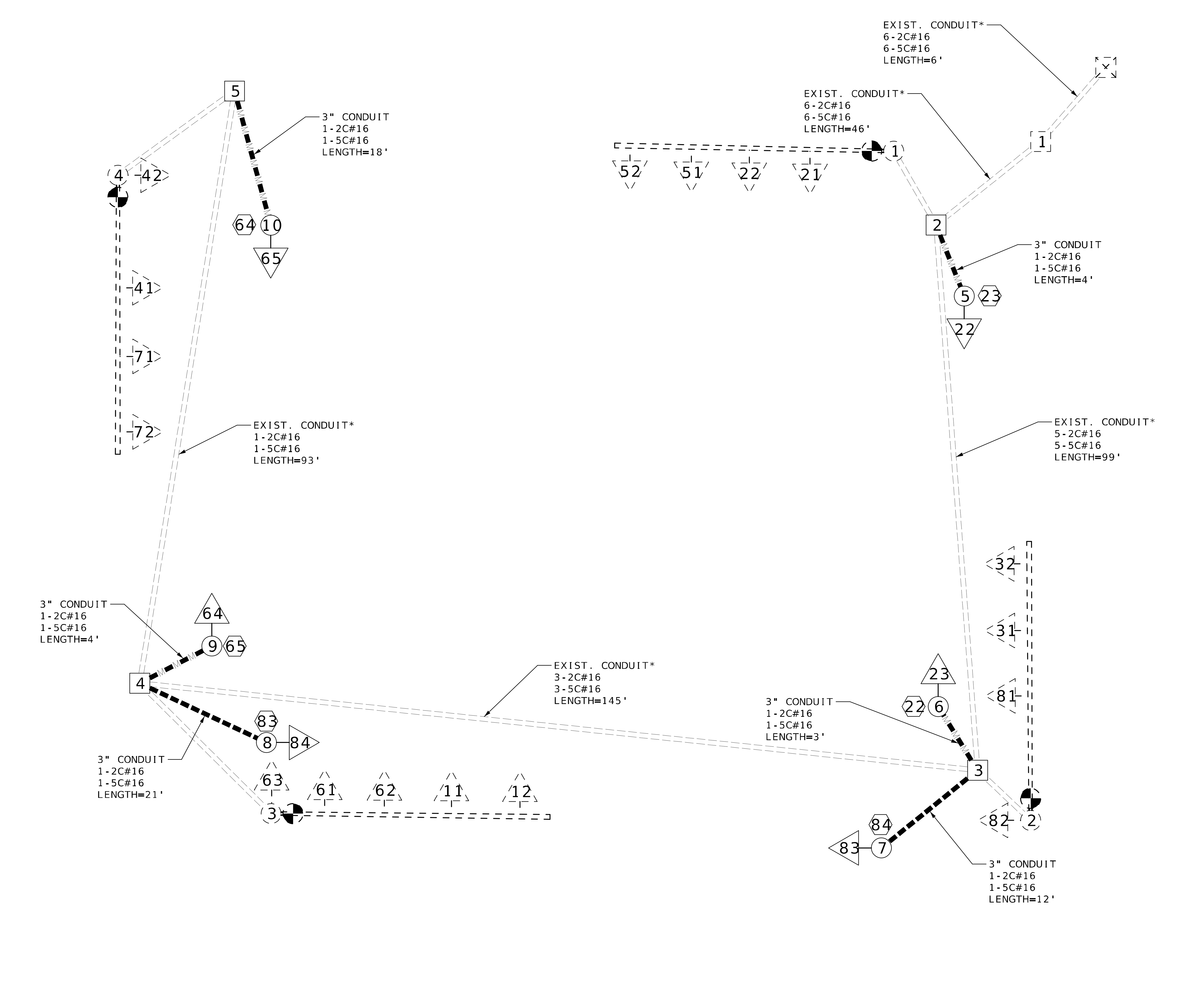
MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

EFFECTIVE 12-01-17

WIRING DIAGRAM



*CABLES SHOWN ARE PROPOSED. EXISTING CONDUIT CONTAINS ADDITIONAL CABLES.
LENGTHS SHOWN ARE CENTER TO CENTER DISTANCES.

LEGEND

- CONDUIT (TRENCHED)
- CONDUIT (PUSHED)
- CONDUIT (MEDIAN)
- CONDUIT (EXISTING)
- CABLE
- X-Xc — MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC — #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- PULL BOX WITH NUMBER (EXISTING)
- POST WITH NUMBER
- POST WITH NUMBER (EXISTING)
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- DETECTOR WITH NUMBER (EXISTING)
- SIGNAL HEAD WITH NUMBER
- SIGNAL HEAD WITH NUMBER (EXISTING)
- SIGNAL CONTROLLER
- SIGNAL CONTROLLER (EXISTING)
- POWER SUPPLY
- LIGHTING CONTROLLER

SIGNAL SHEET 28 OF 31
(MO-150 AT 135TH ST. SHEET 3 OF 3)

INTERSECTION

D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/16/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	122
COUNTY	JACKSON
JOB NO.	J4P3268H
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

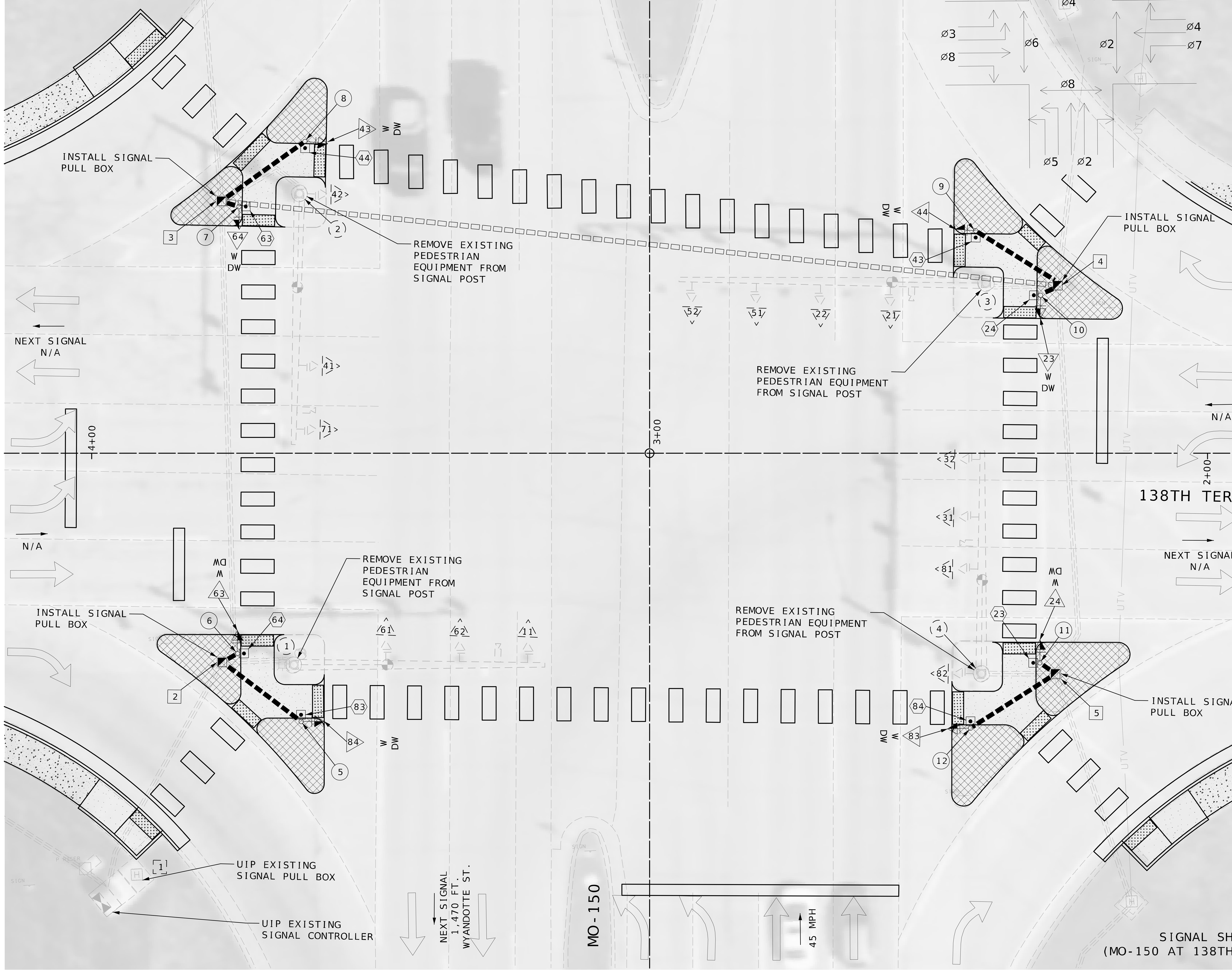
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

GENERAL NOTE (SIGNAL SHEETS)

1. TRAFFIC FLOW ARROWS SHOWN FOR DIAGRAM PURPOSES ONLY. DO NOT INSTALL PAVEMENT MARKING ARROWS UNLESS SPECIFIED IN THE PLANS.

2. SEE ROADWAY PLANS FOR DETAILS OF EXISTING EASEMENTS.



SIGNAL SHEET 29 OF 31
(MO-150 AT 138TH TER. SHEET 1 OF 3)

TRAFFIC SIGNALS LEGEND

	CONTROLLER
	CONTROLLER (EXISTING)
JCT	JUNCTION BOX
	POWER SUPPLY
	WOOD POST
	SIGNAL HEAD (OPT LIM CONV)
	SIGNAL HEAD (OPT LIM)
	SIGNAL HEAD (PEDESTRIAN)
	SIGNAL HEAD (STANDARD)
	CCTV CAMERA
	VIDEO DETECTOR
	PUSH BUTTON DETECTOR
	PREFORMED PULL BOX TYPE 1
	PREFORMED PULL BOX TYPE 2
	CONCRETE PULL BOX TYPE 1
	CONCRETE PULL BOX TYPE 2
ITS	ITS PULL BOX TYPE 2
ITS	ITS PULL BOX TYPE 5
	6 X 6 LOOP DETECTOR
	6 X 15 LOOP DETECTOR
	30 X 6 LOOP DETECTOR
M M M M	CONDUIT MEDIAN
	CONDUIT PUSHED
B B B B	CONDUIT BRIDGE
	CONDUIT EXISTING
	CONDUIT TRENCHED
	SPAN WIRE
	MAST ARM - TYPE A BASE
	MAST ARM - TYPE C BASE
	MAST ARM - TYPE F BASE

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/16/2025	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	123
COUNTY	
JACKSON	
JOB NO.	
J4P3268H	
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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CABLE

FROM	TO	CENTER TO CENTER DISTANCE	CONTROL 2c #16	CONTROL 5c #16	CONTROL 7c #16	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	VIDEO	CCTV	PREEMPTION	REMARKS
	2	50									
	5	67									
	84	67		97							
	83	67	96								
	6	53									
	63	53		83							
	64	53	82								
	3	133									
	7	136									
	64	136		172							
	63	136	171								
	8	151									
	43	151		187							
	44	151	186								
	4	283									
	9	301									
	44	136		343							
	43	136	342								
	10	287									
	23	287		329							
	24	287	328								
	5	354									
	11	358									
	24	358		406							
	23	358	405								
	12	372									
	83	372		420							
	84	372	419								
		SUBTOTALS	2,029	2,037							
		TOTALS	2,030	2,040							

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	TRENCH 3″	PUSHED 3″	MEDIAN 3″	REMARKS
	1	9				UIP EXISTING CONDUIT
1	2	41				UIP EXISTING CONDUIT
2	5	18	19			
2	6	3			4	
2	3	84				UIP EXISTING CONDUIT
3	7	4			5	
3	8	19	20			
3	4	151		149		
4	9	18	19			
4	10	4			5	
4	5	71				UIP EXISTING CONDUIT
5	11	4			5	
5	12	18	19			
		SUBTOTALS	77	149	19	
		TOTALS	77	149	19	

LOCATION / BASE / PULL BOX / POST

POST NUMBER	PULL BOX NUMBER	QUADRANT	STATION	OFFSET	BASE C	CONCRETE✱✱ (CU. YDS.)	PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	DRAIN TYPE✱ I	II A	II B	II C	UIP EXISTING✱	ADJUST EXISTING	TOP MOUNT POST 4 FT.	15 FT.	UIP EXISTING✱	RELOCATE EXIST.✱
			MO-150																	
	1	SW CORNER	32+75.56	RT. 91.1											1					
5		SW ISLAND	32+48.09	RT. 62.4	1	0.44												1		
6		SW ISLAND	32+35.91	RT. 73.9	1	0.44												1		
	2	SW ISLAND	32+37.46	RT. 76.6				1			1									
7		NW ISLAND	31+55.79	RT. 73.8	1	0.44												1		
8		NW ISLAND	31+43.76	RT. 61.8	1	0.44												1		
	3	NW ISLAND	31+54.82	RT. 76.7				1			1									
9		NE ISLAND	31+60.12	LT. 58.4	1	0.44												1		
10		NE ISLAND	31+71.68	LT. 70.1	1	0.44												1		
	4	NE ISLAND	31+68.88	LT. 73.2				1			1									
11		SE ISLAND	32+37.57	LT. 70.0	1	0.44												1		
12		SE ISLAND	32+49.26	LT. 57.5	1	0.44												1		
	5	SE ISLAND	32+39.53	LT. 72.8				1			1									
				SUBTOTALS		3.52		4										8		
				TOTALS		3.5		4										8		

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE (INCHES)	AREA (SQ.FT.)	SIGN TOTAL AREA ITEM NO. 9020833 (SQ.FT.)	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 9020834 (EA.)
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ✱✱✱	90 X 18	11.3		
	D3-1 ✱✱✱	60 X 18	7.5		
8	R10-3E	9 X 15	0.9	&	&
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
	R10-12	30 X 36	7.5		
			SUBTOTAL		
			TOTAL		

& PEDESTRIAN SIGN MATERIAL AND MOUNTING HARDWARE INCLUDED IN BID ITEM FOR APS

DETECTOR SCHEDULE

DETECTOR NUMBER	PHASE	TYPE: PUSH BUTTON (APS)	TYPE: PUSH BUTTON EXTENSION	RELOCATE EXISTING APS	UIP EXISTING APS ✱	UIP EXISTING RADAR DETECTION ✱	REMARKS
23	2	1					
24	2	1					
43	4	1					
44	4	1					
63	6	1					
64	6	1					
83	8	1					
84	8	1					
	TOTALS	8					

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

✱ ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

✱✱ SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

✱✱✱ USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

SIGNAL HEADS

POST NUMBER	FACE NUMBER	R	RL	Y	YL	FYL	GL	G	S	L	R†	1s	VISORS 12″ LENS	VISORS PED.	RELOCATE EXISTING	UIP EXISTING ✱	BACKPLATE LENSES 1	3	4	BRACKET TYPE I	II	III	ONE-FACE 1- T	S	C	B	3- T	S	C	B
5	84											1		1			1			1				1						
6	63											1		1			1			1				1						
7	64											1		1			1			1				1						
8	43											1		1			1			1				1						
9	44											1		1			1			1				1						
10	23											1		1			1			1				1						
11	24											1		1			1			1				1						
12	83											1		1			1			1				1						
	TOTALS																													
																					SUBTOTAL CONVENTIONAL			8						
																					TOTAL CONVENTIONAL			8						

INTERSECTION

SIGNAL SHEET 30 OF 31
(MO-150 AT 138TH TER. SHEET 2 OF 3)

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/16/2025	
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 124
COUNTY: JACKSON	
JOB NO.: J4P3268H	
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)

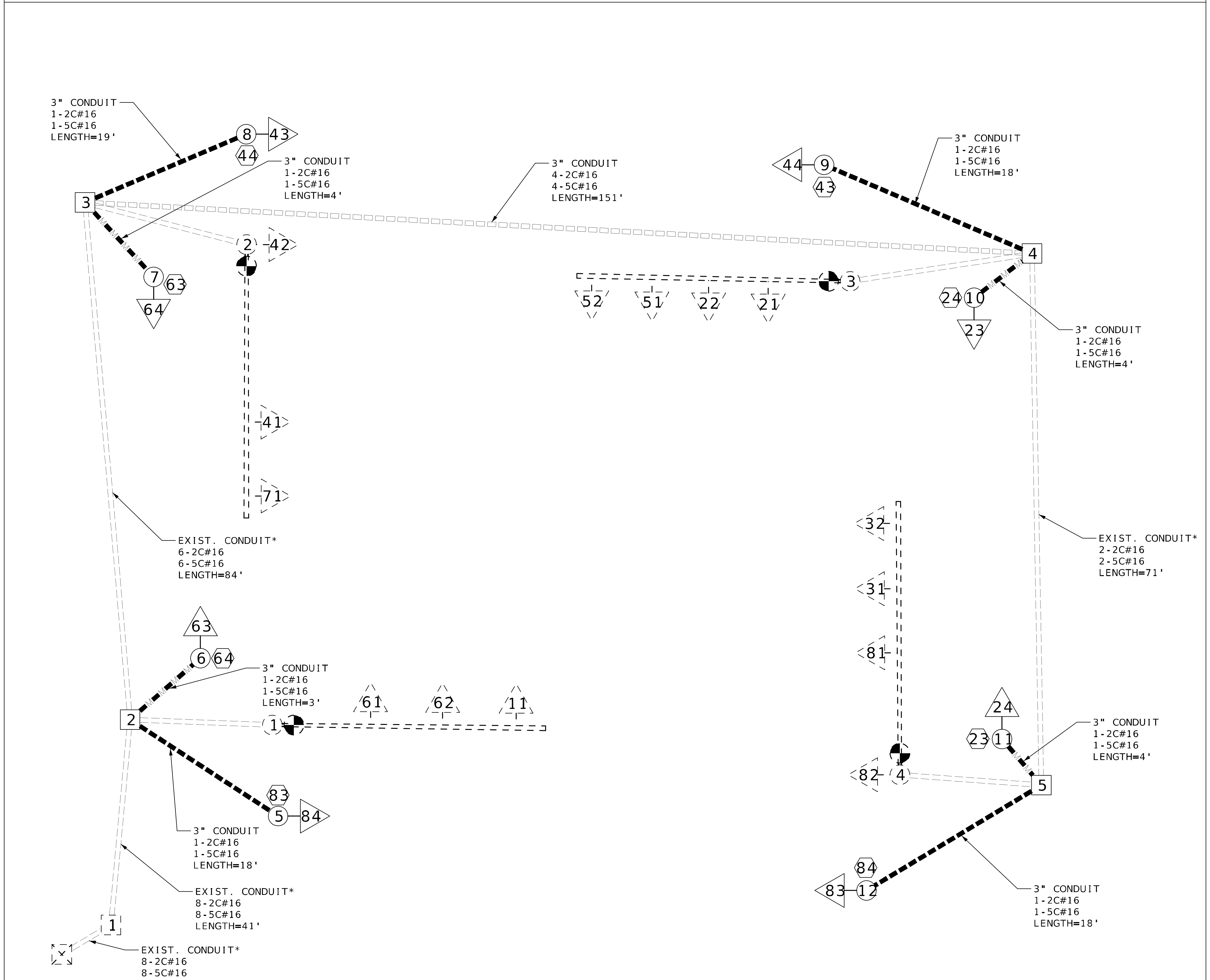
MoDOT

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

EFFECTIVE 12-01-17

WIRING DIAGRAM



*CABLES SHOWN ARE PROPOSED. EXISTING CONDUIT CONTAINS ADDITIONAL CABLES.
LENGTHS SHOWN ARE CENTER TO CENTER DISTANCES.

LEGEND

- CONDUIT (TRENCHED)
- CONDUIT (PUSHED)
- CONDUIT (MEDIAN)
- CONDUIT (EXISTING)
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- PULL BOX WITH NUMBER (EXISTING)
- POST WITH NUMBER
- POST WITH NUMBER (EXISTING)
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- DETECTOR WITH NUMBER (EXISTING)
- SIGNAL HEAD WITH NUMBER
- SIGNAL HEAD WITH NUMBER (EXISTING)
- SIGNAL CONTROLLER
- SIGNAL CONTROLLER (EXISTING)
- POWER SUPPLY
- LIGHTING CONTROLLER

SIGNAL SHEET 31 OF 31
(MO-150 AT 138TH TER. SHEET 3 OF 3)

INTERSECTION

D-37D

STATE OF MISSOURI
JASON MICHAEL SOMMERER
NUMBER PE-2008002211
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/16/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	125
COUNTY	JACKSON
JOB NO.	J4P3268H
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

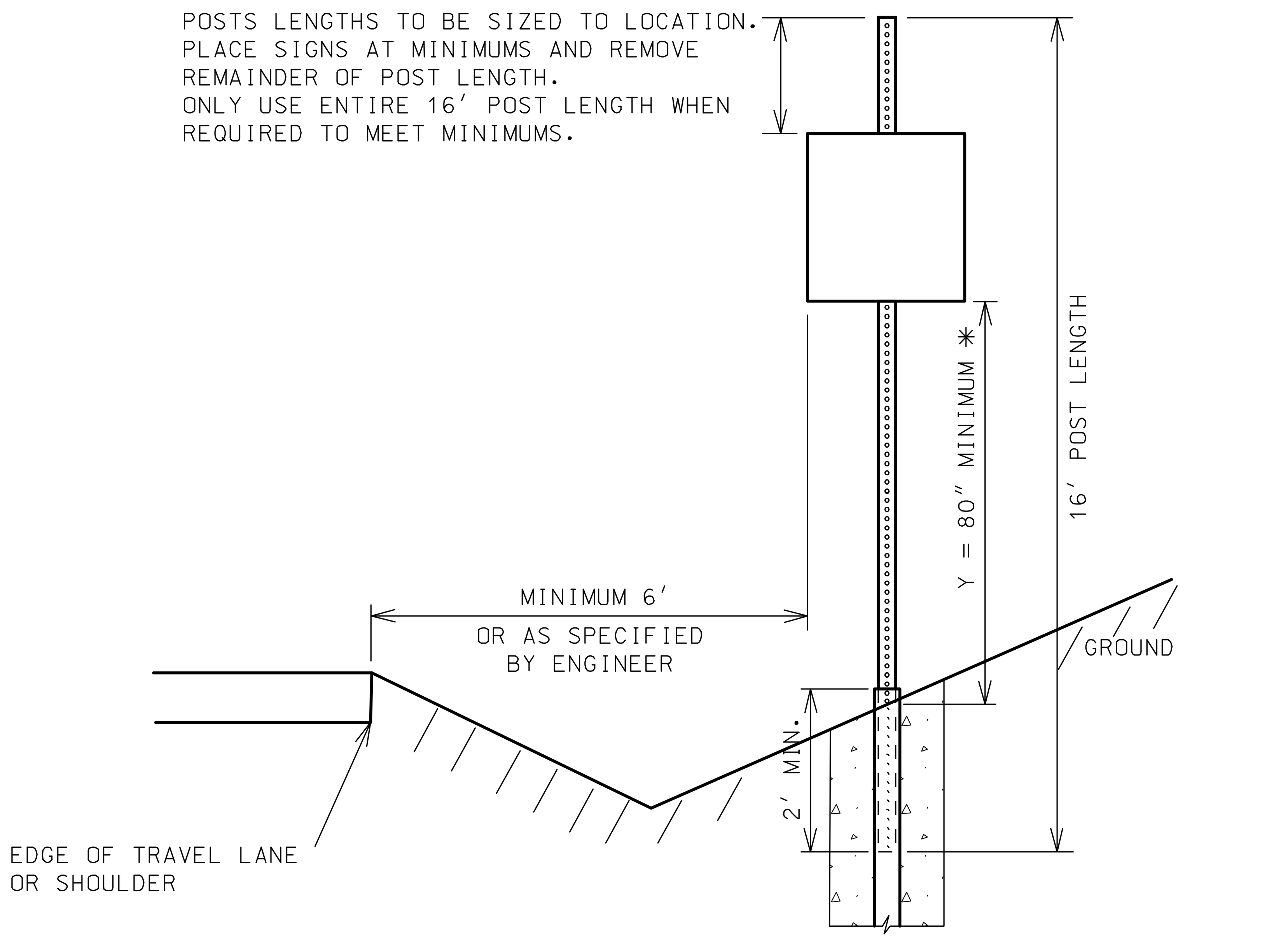
DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

MOUNTING HEIGHT DETAIL



✱ MINIMUM REQUIRED WHEN SIGNS ARE LOCATED ALONG AND WITHIN A PEDESTRIAN ROUTE. IN SITUATIONS WHERE THE SIGN IS NOT LOCATED WITHIN THE PEDESTRIAN ROUTE THE MINIMUM HEIGHT COULD BE REDUCED TO 5' IF 80" IS NOT ACHEIVABLE WITH A 16' POST.

NOTE: PERFORATED SQUARE STEEL TUBE (PSST) POSTS ARE PAID AS 16 LINEAR FOOT, CONTRACTOR IS RESPONSIBLE TO PROPERLY PLACE SIGN AS SHOWN ABOVE IN "MOUNTING HEIGHT DETAIL"

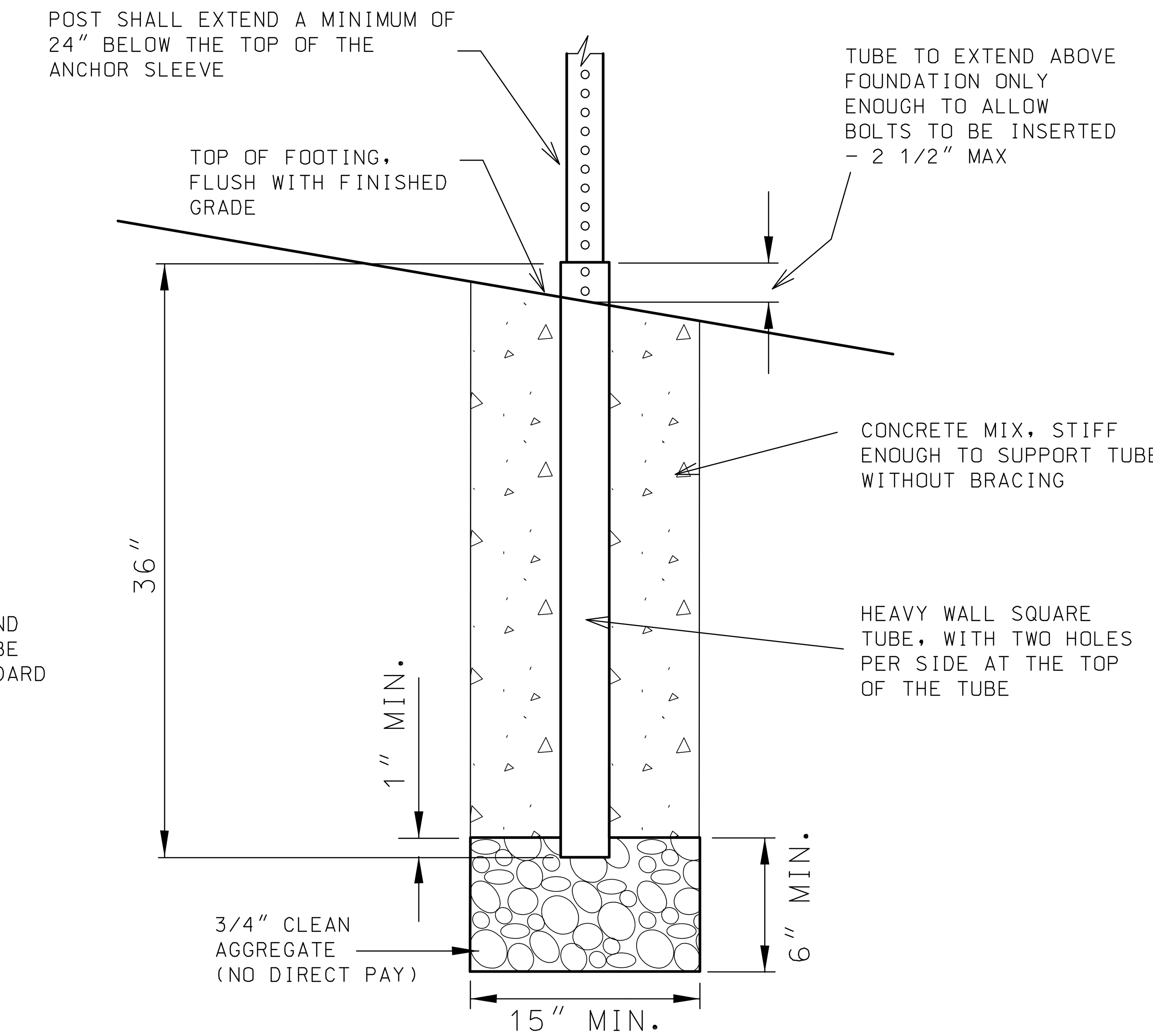
POSTS - 12 GAUGE - 2.5" X 2.5"

ANCHORS - 7 GAUGE - 3" X 3" O.D.

BREAKAWAY - CERTIFIED NCHRP 350 COMPLIANT USE REQUIRED FOR DOUBLE POST INSTALLATIONS ONLY

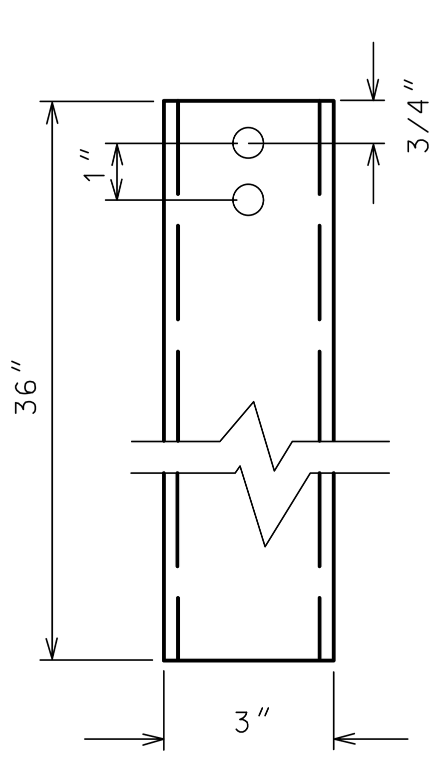
GALVANIZATION - ALL PSST POSTS, ANCHORS AND BREAKAWAY CASTINGS SHALL BE GALVANIZED PER MoDOT STANDARD SPECIFICATIONS

CONCRETE FOOTING DETAIL



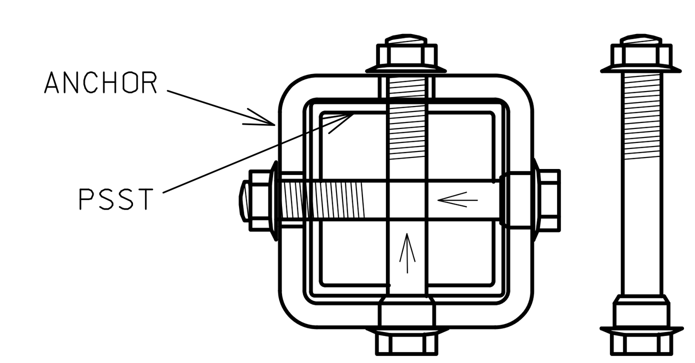
PSST CONCRETE FOOTINGS EMBEDDED PAID AS 3' LENGTH, 15" DIAMETER = 0.14 CUBIC YARDS
REQUIRED AGGREGATE CONSIDERED INCIDENTIAL AND INCLUDED IN CONCRETE FOOTING

7 GAUGE ANCHOR FABRICATION DETAIL FOR 2.5" PSST



ANCHOR BOLT DETAIL FOR 2.5" PSST

2 SHOULDER BOLTS REQUIRED
INSTALLED PERPENDICULAR TO EACH OTHER



3/8" X 3.5" SHOULDER BOLT AND NUT

SIGNING SHEET
SHEET 1 OF 3

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
11/16/2025	
ROUTE: VAR	STATE: MO
DISTRICT: KC	SHEET NO.: 126
COUNTY: JACKSON	
JOB NO.: J4P3268H	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

EFFECTIVE: 07-01-2024

SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.	2.5-INCH POST: POST NO. 1 (LF)	POST NO. 2 (LF)	TOTAL ITEM NO. 9031280 (LF)	2.25" INSERT (6 FT) ITEM NO. 9031272A (EACH)	ANCHORS: DRIVEN 7 GA. ITEM NO. 9031281A (EACH)	ANCHORS: CONCRETE 7 GA. ITEM NO. 9031285 (EACH)	BREAK-AWAY ASSEMBLY ITEM NO. 9031241 (EACH)	REMARKS AND OTHER REQUIRED ITEMS
US 71 AT TRUMAN ROAD													
1	EX. SIGNS	5+80	44.40'	LEFT		16		16			1		
2	EX. SIGNS	9+47	44.19'	LEFT		16		16			1		
US 71 AT LINWOOD BLVD													
3	EX. SIGNS	9+26	60.90'	LEFT		16		16		1			
US 71 AT 59TH STREET													
4	EX. SIGNS	6+98	39.77'	RIGHT		16		16		1			
5	EX. SIGNS	10+63	45.31'	LEFT		16		16		1			
I-435 AT WORNALL ROAD													
6	EX. SIGN	55+11	86.39'	LEFT		16		16			1		
ROUTE 150 AT STATE LINE ROAD													
7	EX. SIGN	00+54	53.49'	LEFT		16		16			1		
8	EX. SIGNS	00+66	10.35'	RIGHT		16		16			1		
ROUTE 150 AT 135TH STREET													
9	EX. SIGN	12+71	58.57'	RIGHT		16		16			1		
10	EX. SIGN	13+12	72.61'	LEFT		16		16			1		
11	EX. SIGN	13+83	74.00'	RIGHT		16		16			1		
12	EX. SIGN	14+14	61.41'	LEFT		16		16			1		
ROUTE 150 AT 138TH TERRACE													
13	EX. SIGN	31+35	60.10'	RIGHT		16		16			1		
14	EX. SIGN	31+74	82.60'	LEFT		16		16			1		
15	EX. SIGN	32+34	86.56'	RIGHT		16		16			1		
16	EX. SIGN	32+61	56.23'	LEFT		16		16			1		
				SUBTOTAL				256		3	13		
				TOTAL				256		3	13		

	CONCRETE FOOTINGS EMBEDDED ITEM NO. 9031010 (CY)	STRUCTURAL STEEL POSTS*: POST DES NO.	POST NO. 1 (LF)	POST NO. 2 (LF)	POST NO. 3 (LF)	LBS PER FT	TOTAL ITEM NO. 9031210 (LBS)	PIPE POSTS*: PIPE SIZE (IN)	POST NO. 1 (LF)	POST NO. 2 (LF)	LBS PER FT	TOTAL ITEM NO. 9031220 (LBS)	BACKING BARS** 2" X 3/8" BARS AT 2.55 LBS/FT: NO. (EACH)	LGTH (IN.)	TOTAL (LF)	TOTAL (LBS)	U-CHANNEL POST ITEM NO. 9031250A (LF)	2-INCH POST: POST NO. 1 (LF)	POST NO. 2 (LF)	TOTAL ITEM NO. 9031270A (LF)	ANCHORS: DRIVEN 12 GA. ITEM NO. 9031271A (EACH)	DRIVEN 7 GA. ITEM NO. 9031273A (EACH)	CONCRETE 7 GA. ITEM NO. 9031274 (EACH)
SUBTOTAL																							
TOTAL																**							

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM. SIZE (IN.)	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	FOOTING DEPTH	CONCRETE C.Y.
2½	5.79	0.48	4'- 3½"	12"	4~6"	0.13
4	10.79	0.90	5'- 3½"	18"	5~6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST: POST DES. NO.	NOM. SIZE	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	FOOTING: DIA.	LEVEL GROUND DEPTH	LEVEL GROUND C.Y.	6:1 GRADE DEPTH	6:1 GRADE C.Y.	4:1 GRADE DEPTH	4:1 GRADE C.Y.	3:1 OR 2:1 GRADE DEPTH	3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

SIGNING SHEET
SHEET 2 OF 3

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	11/16/2025
ROUTE	VAR
STATE	MO
DISTRICT	KC
SHEET NO.	127
COUNTY	JACKSON
JOB NO.	J4P3268H
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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101-3180
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	TYPE: W12-1															
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH															
			36X36															
I-435 - WORNALL RD.																		
1	STA. 55+11	LEFT	1															

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A
STANDARD D10-5		1	36" X 36"		9		
			TOTAL		9		

* ORANGE, YELLOW & YELLOW/GREEN

SIGNING SHEET
SHEET 3 OF 3

STATE OF MISSOURI
MELISSA ANN WILBERS
NUMBER PE-2007002853
PROFESSIONAL ENGINEER
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DATE PREPARED	11/16/2025
ROUTE	VAR
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SHEET NO.	128
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