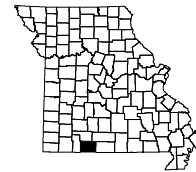


A.A.D.T. - 2025 = 15,086
A.A.D.T. - 2045 = 30,171
D.H.V.: = 3.8%
T = 3.2%
V = 35 M.P.H.
D (N/S) = 47.3%/52.7%
FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

SECTION 04, TOWNSHIP 22 NORTH, RANGE 21 WEST



	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
USE IN PLACE		(UIP)
DO NOT DISTURB		(DND)
REMOVE		(R)
REMOVE AND REPLACE		(R&R)
REMOVE AND RELOCATE		(R&RELOC)
COUNTY RIGHT OF WAY MARKER		(CRM)
FLAT BOTTOM DITCH		(FBD)

ABBREVIATIONS

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY 

DESCRIPTION	NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (8 SHEETS)---	2
QUANTITIES (QU) (4 SHEETS)-----	3
PLAN-PROFILE -----	4-8
CONTROL ROUTE SURVEY -----	9-11
REFERENCE & COORDINATE POINTS -----	12
TRAFFIC CONTROL -----	13-26
EROSION CONTROL -----	27-28
CULVERT SECTIONS -----	29-32
SIGNAGE AND STRIPING -----	33-43
WALL NO. A9800 SHEETS -----	1-23
CROSS SECTIONS (XS)-----	1-38



DATE PREPARED
11/12/2025

ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 1

COUNTY
TANEY

JOB NO.
JSR0326

CONTRACT ID.

PROJECT NO. _____

BRIDGE NO. _____

--	--	--	--	--	--	--	--

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BEGINNING OF PROJECT	STA.	182+60.00
END OF PROJECT	STA.	196+95.00
APPARENT LENGTH		1435.0 FEET
EQUATIONS AND EXCEPTIONS:		0.00 FEET
TOTAL CORRECTIONS		0.00 FEET
NET LENGTH OF PROJECT		1435.0 FEET
STATE LENGTH		0.272 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 2.32 ACRES



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITAL
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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.

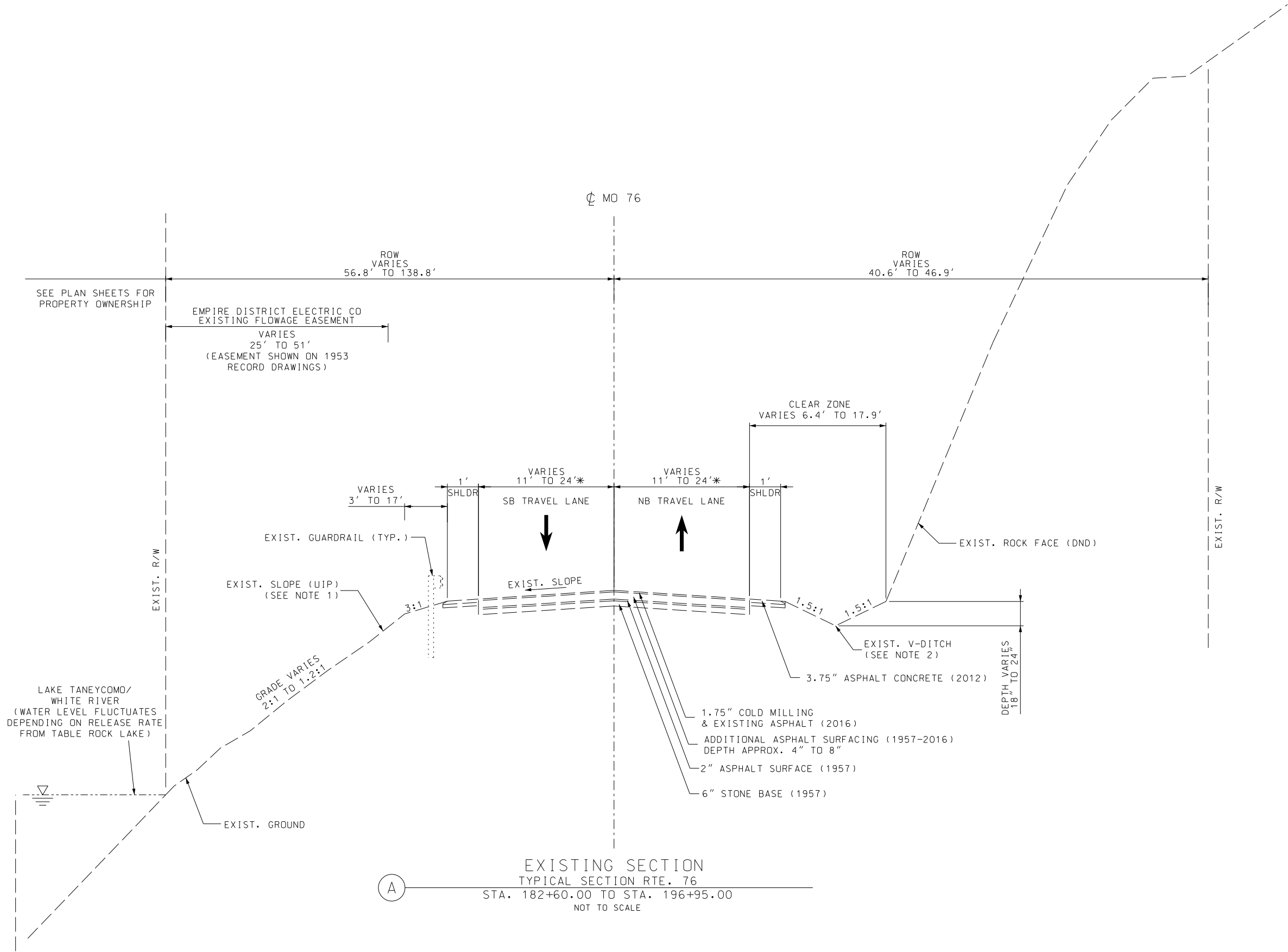
LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

NOTES:

- (1) EXISTING SLOPE CONSISTS OF RIP-RAP AND GROUTED CONCRETE
(2) EXISTING DITCH FILLED WITH STONE. CONTRACTOR SHALL CLEAN OUT EXISTING V-DITCH BEYOND THE LIMITS OF THE NEW PAVED DITCH AS DIRECTED BY ENGINEER AT NO DIRECT PAY.

* NB TWO LANES FROM BEGINNING OF PROJECT TO STA.184+27.37
TAPERS TO ONE LANE FROM STA.184+27.37 TO STA 186+16.13
SINGLE LANE FROM STA. 186+16.13 TO END OF PROJECT

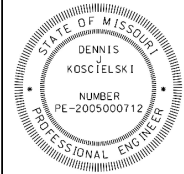
SB TWO LANES FROM BEGINNING OF PROJECT TO STA.183+76.20
TAPERS TO ONE LANE FROM STA. 183+76.20 TO 184+41.01
SINGLE LANE FROM STA. 184+41.01 TO END OF PROJECT



EXISTING SECTION
TYPICAL SECTION RTE. 76

STA. 182+60.00 TO STA. 196+95.00
NOT TO SCALE

TYPICAL SECTIONS
SHEET 1 OF 8



DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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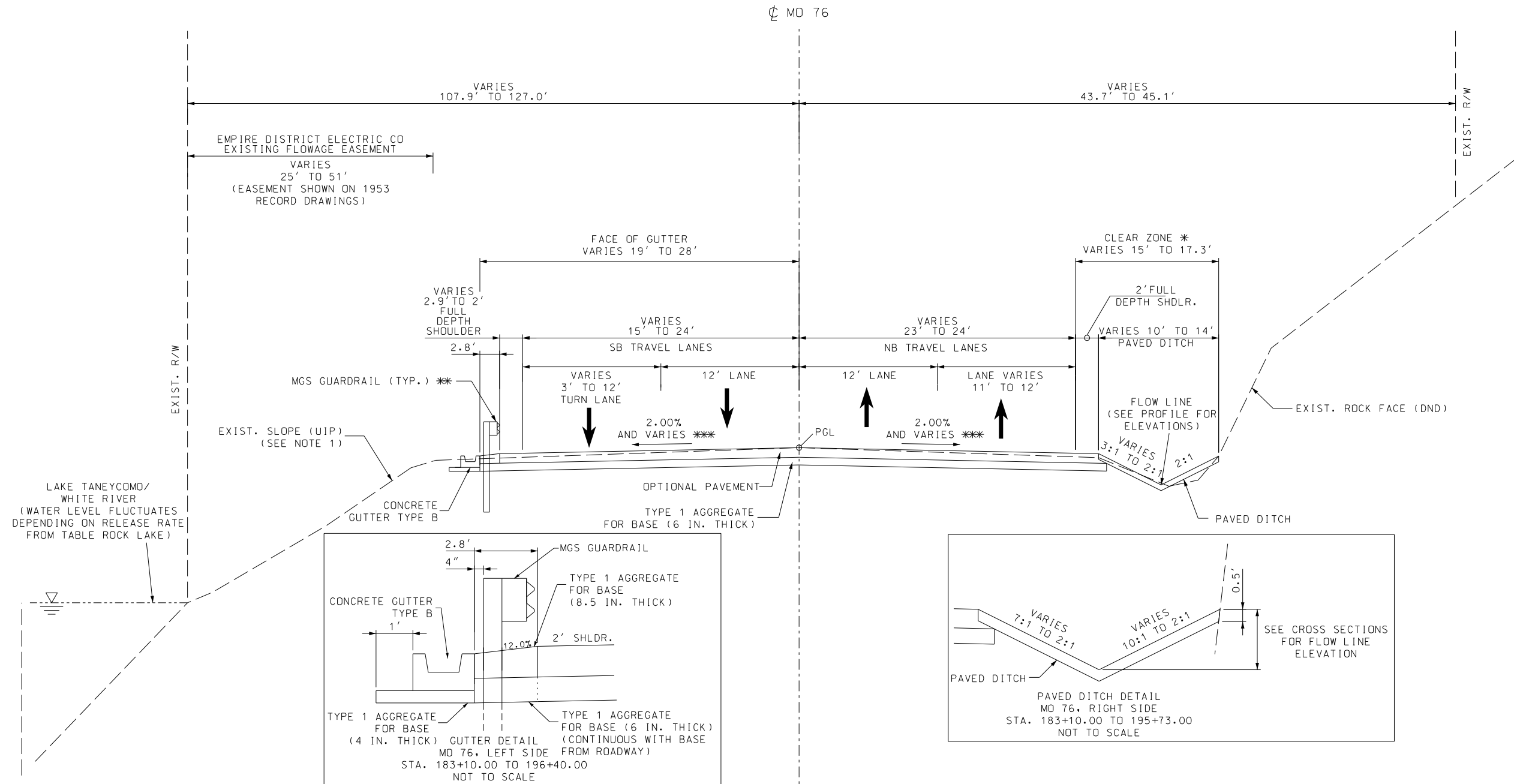
LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

NOTES:
(1) EXISTING SLOPE CONSISTS OF RIP-RAP AND GROUTED CONCRETE

- * FACILITY AND DESIGN SPEED REQUIRES A 16' CLEAR ZONE. A DESIGN EXCEPTION WILL BE SUBMITTED.
- ** CONTRACTOR SHALL NOT PLACE CONCRETE AROUND GUARDRAIL POST. CONTRACTOR SHALL CONSTRUCT BLOCKOUTS FOR AGGREGATE. NO DIRECT PAYMENT FOR AGGREGATE IN BLOCKOUTS SHALL BE MADE. NO CONCRETE SHALL BE PLACED 8" FROM THE GUARDRAIL POST.

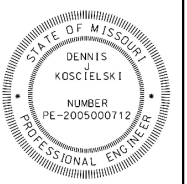
*** SEE PLAN AND PROFILE SHEETS FOR CROSS SLOPE TRANSITIONS.

OPTIONAL PAVEMENT				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
MO 76	6" TYPE 1 AGG. BASE	10" HMA 2" SP125C W/ PG 70-22 (1.970 TONS/CY) OVER 2" SP125C W/ PG 70-22 (1.970 TONS/CY) OVER 6" SP190C W/ PG 64-22 (1.977 TONS/CY)	8.5" PCCP 15 FT. JOINT SPACING, 1 1/4" DOWELS	FULL DEPTH



PROPOSED SECTION ON TANGENT
TYPICAL SECTION RTE. 76
STA. 183+10.00 TO STA. 184+00.00
NOT TO SCALE

TYPICAL SECTIONS
SHEET 3 OF 8



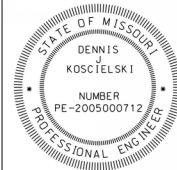
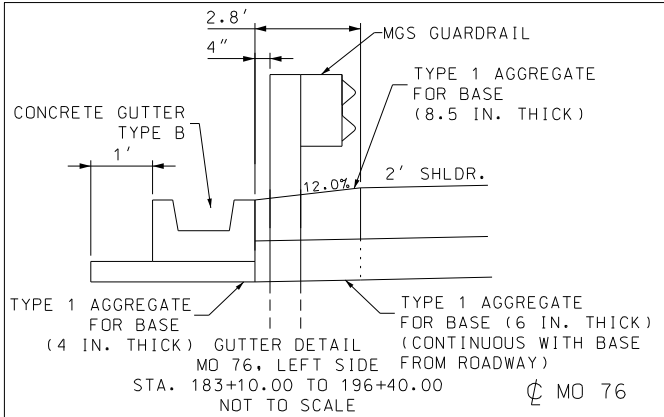
DATE PREPARED
11/5/2025
ROUTE 76 STATE MO
DISTRICT SW SHEET NO. 2
COUNTY TANEY
JOB NO. JSR0326
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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DATE PREPARED	
11/5/2025	
ROUTE	STATE
76	MO
DISTRICT	SHEET NO
SW	2
COUNTY	
TANEY	
JOB NO.	
JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

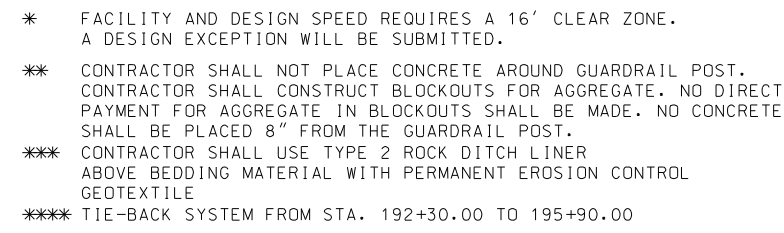
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(3) PLACE CONCRETE GUTTER TYPE B AGAINST COPING AT TOP OF RETAINING WALL.

NOT TO SCALE

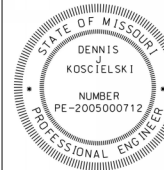
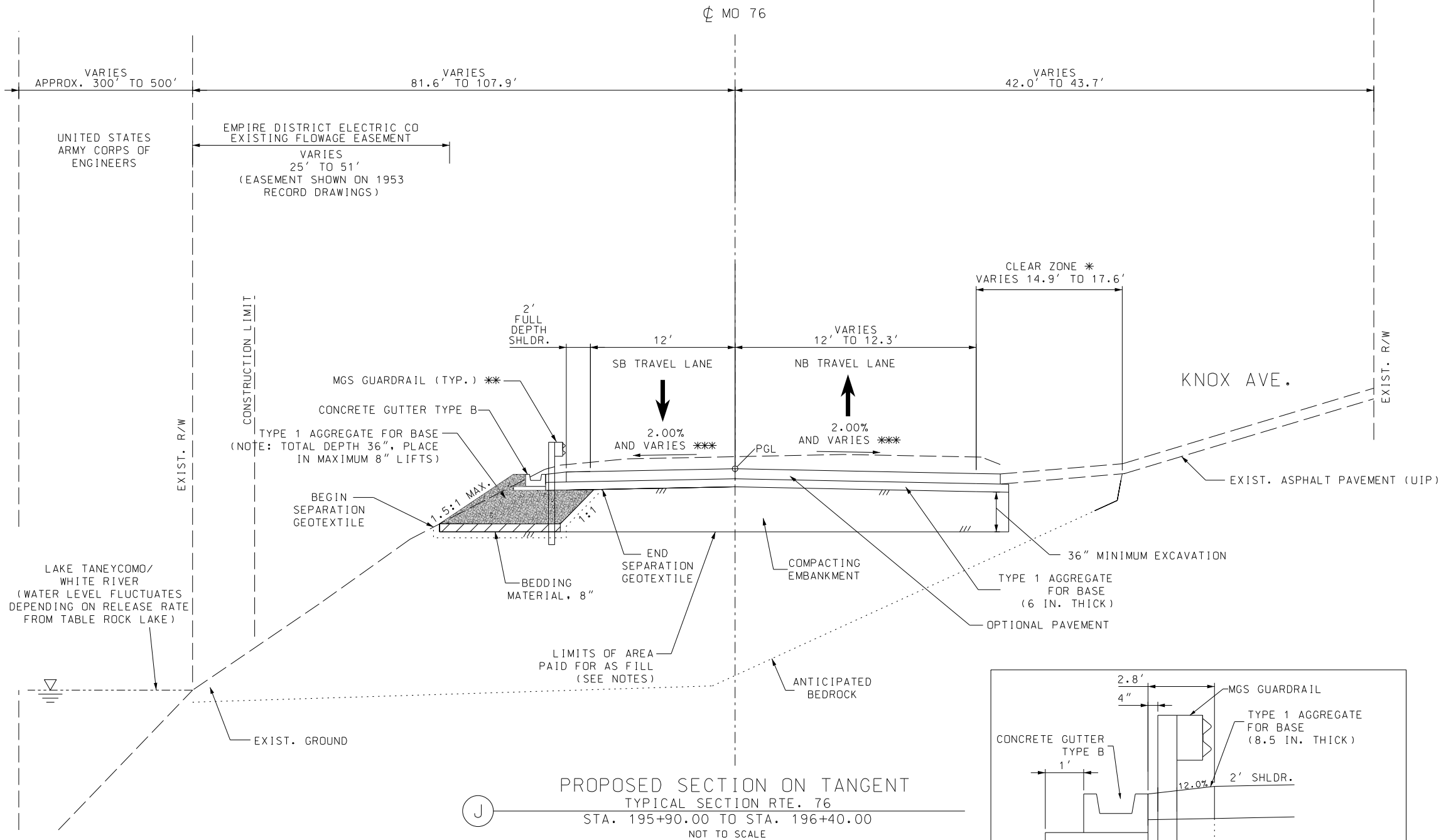
TYPICAL SECTIONS
SHEET 6 OF 8



LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

- * FACILITY AND DESIGN SPEED REQUIRES A 16' CLEAR ZONE. A DESIGN EXCEPTION WILL BE SUBMITTED.
- ** CONTRACTOR SHALL NOT PLACE CONCRETE AROUND GUARDRAIL POST. CONTRACTOR SHALL CONSTRUCT BLOCKOUTS FOR AGGREGATE. NO DIRECT PAYMENT FOR AGGREGATE IN BLOCKOUTS SHALL BE MADE. NO CONCRETE SHALL BE PLACED 8" FROM THE GUARDRAIL POST.
- *** SEE PLAN AND PROFILE SHEETS FOR CROSS SLOPE TRANSITIONS.

- NOTES:
- (1) CONTRACTOR SHALL REMOVE AND REPLACE THE ROADWAY EMBANKMENT TO THE LIMITS SHOWN. THE FILL MATERIAL SHALL BE SUITABLE MATERIAL APPROVED BY ENGINEER PRIOR TO REPLACEMENT (SEE JSP'S)
- (2) SEE CROSS SECTIONS FOR AREAS OF FILL AND EXCAVATION



DATE PREPARED
11/5/2025

ROUTE 76 STATE MO

DISTRICT SW SHEET NO. 2

COUNTY TANEY

JOB NO. JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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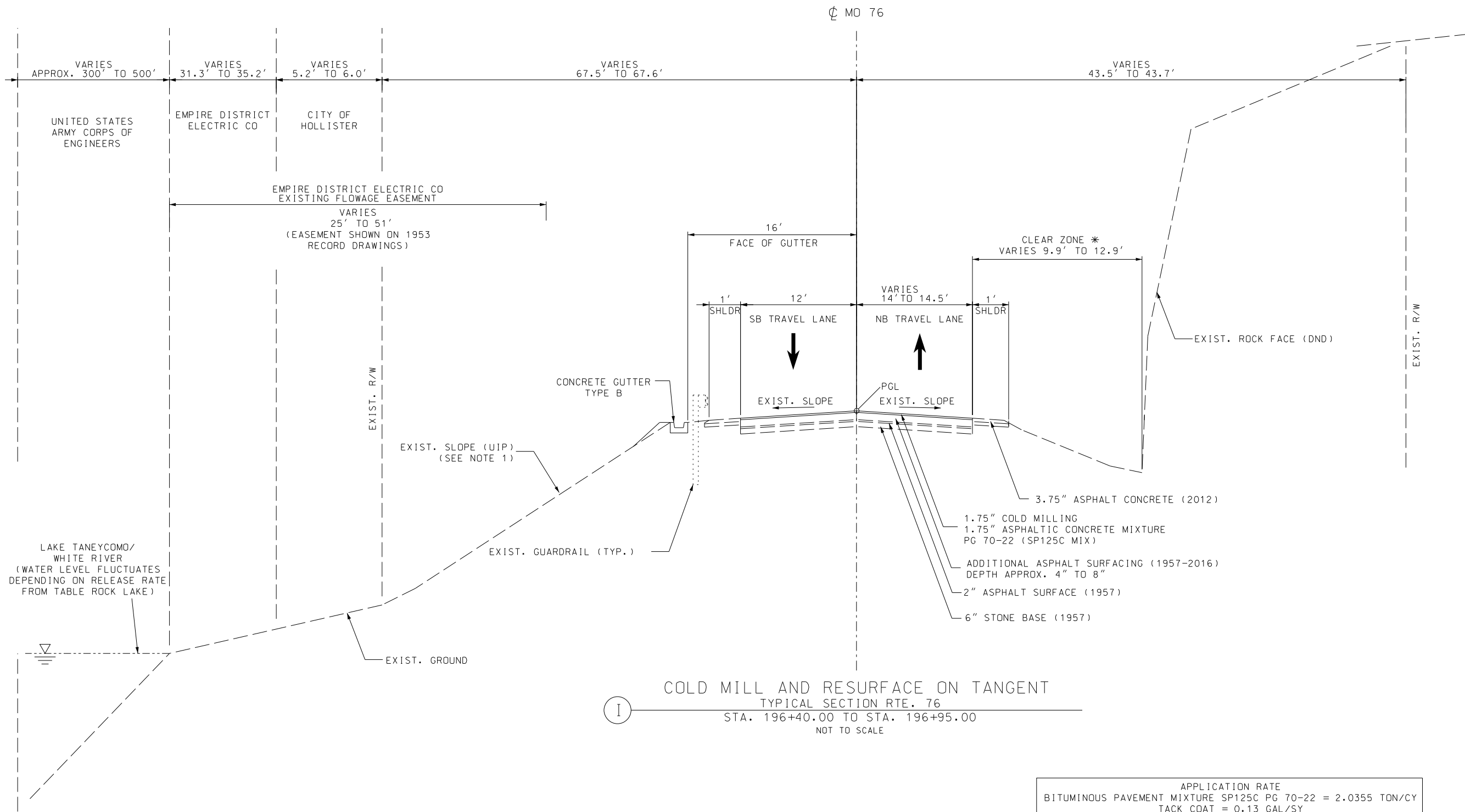
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TYPICAL SECTIONS
SHEET 7 OF 8

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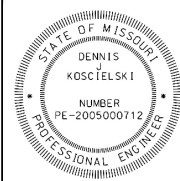
I

COLD MILL AND RESURFACE ON TANGENT
TYPICAL SECTION RTE. 76
STA. 196+40.00 TO STA. 196+95.00
NOT TO SCALE

APPLICATION RATE
BITUMINOUS PAVEMENT MIXTURE SP125C PG 70-22 = 2.0355 TON/CY
TACK COAT = 0.13 GAL/SY

NOTES:
(1) EXISTING SLOPE CONSISTS OF RIP-RAP AND GROUTED CONCRETE

TYPICAL SECTIONS
SHEET 8 OF 8



DATE PREPARED
11/5/2025
ROUTE 76 STATE MO
DISTRICT SW SHEET NO. 2
COUNTY TANEY
JOB NO. JSR0326
CONTRACT ID.

PROJECT NO.
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REMOVAL OF IMPROVEMENTS									
SHEET	ROADWAY	LOCATION		LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
		START STATION	END STATION						
1	MO 76	181+76.70	-	RT	-	-	-	1	SIGN
1	MO 76	182+60.00	183+10.00	LT, RT	-	-	300.0	-	COLD MILL
1	MO 77	183+10.00		LT, RT	53.0				FULL DEPTH SAW CUT
1-4	MO 76	183+00.00	196+95.00	LT	1395.0	-	-	-	EXIST. GUARDRAIL
1-4	MO 76	183+10.00	196+40.00	LT, RT	-	-	4325.3	-	EXIST. FULL DEPTH PAVEMENT
1-2	MO 76	184+14.61	185+16.05	LT	-	-	516.5	-	EXIST. ROCK SLOPE
1	MO 76	184+94.54	-	RT	-	-	-	1	SIGN
2	MO 76	185+33.82	186+30.49	LT	-	-	558.2	-	EXIST. ROCK SLOPE
2	MO 76	185+67.93	-	RT	-	-	-	1	SIGN
2	MO 76	186+04.51	-	RT	-	-	-	1	SIGN
2	MO 76	186+40.00	-	RT	-	-	-	1	SIGN
2	MO 76	187+39.13	-	RT	-	-	-	1	SIGN
2	MO 76	187+81.89	-	LT	-	-	1.5	1	EXIST. DOWNSTREAM HEADWALL
2	MO 76	187+81.89	-	LT	-	-	9.3	1	EXIST. GROUTED RIPRAP
2	MO 76	187+85.64	-	LT	-	-	-	1	SIGN
2	MO 76	187+85.99	-	LT, RT	32.0	1.5	-	1	EXIST. 18 IN. CULVERT
2	MO 76	187+87.59	-	RT	-	-	1.5	1	EXIST. UPSTREAM HEADWALL
2	MO 76	189+39.52	-	RT	-	-	-	1	SIGN
3	MO 76	191+20.85	-	LT	-	-	-	1	SIGN
3	MO 76	192+72.00	194+03.43	LT	-	-	857.8	-	EXIST. ROCK SLOPE
4	MO 77	195+95.00		LT, RT	96.0				FULL DEPTH SAW CUT
3-4	MO 76	195+95.00	196+95.00	LT, RT	-	-	163.0	-	COLD MILL
TOTAL					1 LUMP SUM				-
PAY TOTAL					1 LUMP SUM				-

TEMPORARY PAVEMENT MARKINGS					
LOCATION		ROADWAY	TEMPORARY REMOVABLE MARKING TAPE 4 IN., YELLOW	TEMPORARY REMOVABLE MARKING TAPE, 24 IN., WHITE	REMARKS
START STATION	END STATION				
MO-76 & LAKE SHORE DR.			356.0	0.0	-
MO-76 & COON CREEK RD			0.0	48.0	-
MC-BB & COON CREEK RD			0.0	50.0	-
TOTAL			356.0	98.0	-
PAY TOTAL			356	98	-

TEMPORARY EROSION CONTROL								
LOCATION		ROADWAY						REMARKS
			ROCK DITCH CHECK	SEDIMENT REMOVAL	* TEMPORARY SEEDING (SHOWN FOR INFORMATION ONLY)	SILT FENCE	TYPE C BERM	
START STATION	END STATION		LF	CU YD	ACRE	LF	LF	
START	185+00.00	MISSOURI ROUTE 76	80.0	16.0	0.10	345.0	131.0	-
185+00.00	190+00.00	MISSOURI ROUTE 76	108.0	23.0	0.11	545.0	505.0	-
190+00.00	195+00.00	MISSOURI ROUTE 76	43.0	13.0	0.10	458.0	406.0	-
195+00.00	199+00.00	MISSOURI ROUTE 76	7.0	4.0	0.02	337.0	268.0	-
199+00.00	END	MISSOURI ROUTE 76	0.0	0.0	0.00	0.0	0.0	-
MO-76 & LAKE SHORE DR			0.0	0.0	0.00	0.0	0.0	-
MO-76 & COON CREEK RD			30.0	6.0	0.50	243.2	0.0	-
MO-BB & COON CREEK RD			20.0	7.0	0.50	456.5	0.0	-
TOTAL			288.0	69.0	-	2,384.7	1,310.0	-
PAY TOTAL			288	69	-	2,385	1,310	-

* TEMPORARY SEEDING SHALL BE PAID FOR AS PART OF SEEDING (SEE JSP'S)

GUARDRAIL					
LOCATION		ROADWAY	MGS GUARDRAIL	MGS HEIGHT AND BLOCK TRANSITION	REMARKS
START STATION	END STATION				
START	185+00.00	MISSOURI ROUTE 76	180.0	1	-
185+00.00	190+00.00	MISSOURI ROUTE 76	500.0	0	-
190+00.00	195+00.00	MISSOURI ROUTE 76	500.0	0	-
195+00.00	199+00.00	MISSOURI ROUTE 76	170.0	1	-
199+00.00	END	MISSOURI ROUTE 76	0.0	0	-
MO-76 & LAKE SHORE DR			0.0	0	-
MO-76 & COON CREEK RD			0.0	0	-
MO-BB & COON CREEK RD			0.0	0	-
TOTAL			1,350.0	2	-
PAY TOTAL			1,350	2	-

SUMMARY OF QUANTITIES
SHEET 1 OF 4

PAVEMENT															
LOCATION		ROADWAY	MISC. {MODIFIED LINEAR GRADING CLASS 2}	TYPE 1 AGGREGATE FOR BASE (4 IN. THICK)	TYPE 1 AGGREGATE FOR BASE (6 IN. THICK)	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	MISC. {TYPE 1 AGGREGATE FOR BASE (8.5 IN. THICK)}	MISC. {TYPE 1 AGGREGATE FOR BASE}	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX)	ASPHALTIC CONCRETE MIXTURE PG 64-22 (SP130C MIX)	TACK COAT	MISC. {OPTIONAL PAVEMENT - ASPHALT OR CONCRETE}	CONCRETE GUTTER TYPE B	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	REMARKS
START STATION	END STATION		STA	SQ YD	SQ YD	SQ YD	SQ YD	CU YD	TONS	TONS	GAL	SQ YD	LF	SQ YD	
START	185+00.00	MISSOURI ROUTE 76	0.0	55.0	976.1	0.0	58.5	154.0	28.8	0.0	39.0	878.5	184.8	300.0	-
185+00.00	190+00.00	MISSOURI ROUTE 76	0.0	145.0	1,850.3	0.0	154.2	605.0	0.0	0.0	0.0	1,594.8	489.3	0.0	-
190+00.00	195+00.00	MISSOURI ROUTE 76	0.0	148.0	1,811.0	0.0	155.2	289.0	0.0	0.0	0.0	1,555.6	498.6	0.0	-
195+00.00	199+00.00	MISSOURI ROUTE 76	0.0	57.0	530.4	0.0	66.7	60.0	15.6	0.0	22.0	431.6	191.0	183.0	-
199+00.00	END	MISSOURI ROUTE 76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
MO-76 & LAKE SHORE DR.			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
MO-76 & COON CREEK RD			2.3	0.0	0.0	92.0	0.0	0.0	40.3	60.6	0.0	0.0	0.0	0.0	-
MO-BB & COON CREEK RD			4.6	0.0	0.0	233.0	0.0	0.0	102.0	153.5	0.0	0.0	0.0	0.0	-
TOTAL			6.9	405.0	5,167.8	325.0	434.6	1,108.0	186.7	214.2	61.0	4,460.5	1,363.7	483.0	-
PAY TOTAL			6.9	405	5,168	325	435	1,108.0	187	215	61	4,461	1,364	463	-

PAVEMENT MARKINGS									
LOCATION		ROADWAY	4 IN. WHITE CLASS 1 PAVEMENT MARKING PAINT (16-MIL, TYPE P BEADS)	4 IN. YELLOW CLASS 1 PAVEMENT MARKING PAINT (16-MIL, TYPE P BEADS)	6 IN., WHITE ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT	12 IN. WHITE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. X 36 IN., YIELD LINE TRIANGLE	PAVEMENT MARKING REMOVAL	REMARKS
START STATION	END STATION		LF	LF	LF	LF	EA	LF	
START	185+00.00	MISSOURI ROUTE 76	481.0	480.0	58.0	108.0	0.0	20.0	-
185+00.00	190+00.00	MISSOURI ROUTE 76	1,000.0	1,000.0	85.0	0.0	0.0	0.0	-
190+00.00	195+00.00	MISSOURI ROUTE 76	1,000.0	1,000.0	30.0	0.0	0.0	0.0	-
195+00.00	199+00.00	MISSOURI ROUTE 76	390.0	390.0	0.0	0.0	0.0	0.0	-
199+00.00	END	MISSOURI ROUTE 76	0.0	0.0	0.0	0.0	0.0	409.0	-
MO-76 & LAKE SHORE DR.			203.0	411.0	0.0	0.0	0.0	489.0	-
MO-76 & COON CREEK RD			337.0	304.0	0.0	0.0	4.0	667.0	-
MO-BB & COON CREEK RD			645.0	40.0	0.0	0.0	4.0	0.0	-
TOTAL			4,056.0	3,625.0	173.0	108.0	8.0	1,585.0	-
PAY TOTAL			4,056	3,625	173	108	8	1,585	-



DATE PREPARED
11/21/2025
ROUTE 76 STATE MO
DISTRICT SW SHEET NO. 3
COUNTY TANEY
JOB NO. JSR0326
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)

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HANSON
Hanson Professional Services Inc.
600 Washington Ave., Suite 950
St. Louis, Missouri 63101
Professional Engineer 001632
www.hanson-inc.com
314.770.0467

FINAL PLANS

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

DRAINAGE PIPES AND STRUCTURES													
LOCATION		ROADWAY			18 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION	24 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION	GRATE AND BEARING PLATE (3 FT. X 2 FT. OR 914 MM X 610 MM)	GRATE AND BEARING PLATE (5 FT. X 2 FT. OR 1524 MM X 610 MM)	PRECAST CONCRETE DROP INLET 3 FT X 2 FT	PRECAST CONCRETE DROP INLET 5 FT X 2 FT	CLASS 3 EXCAVATION	CLASS 3 EXCAVATION IN ROCK	REMARKS
			18 IN. PIPE GROUP B	24 IN. PIPE GROUP B									
START STATION	END STATION		LF	LF	EA	EA	EA	EA	FT	FT	CU YD	CU YD	
START	185+00.00	MISSOURI ROUTE 76	56.0	77.0	1	1	2	2	22.0	16.0	161.5	35.3	-
185+00.00	190+00.00	MISSOURI ROUTE 76	42.0	46.0	1	1	2	2	17.0	15.0	125.6	47.2	-
190+00.00	195+00.00	MISSOURI ROUTE 76	0.0	0.0	0	0	0	0	0.0	0.0	65.8	4.5	-
195+00.00	199+00.00	MISSOURI ROUTE 76	17.0	0.0	1	0	1	0	15.0	0.0	94.2	4.5	-
199+00.00	END	MISSOURI ROUTE 76	0.0	0.0	0	0	0	0	0.0	0.0	45.9	4.5	-
MO-76 & LAKE SHORE DR.			0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	-
MO-76 & COON CREEK RD			0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	-
MO-BB & COON CREEK RD			0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	-
TOTAL			115.0	123.0	3	2	5	4	54.0	31.0	513.0	96.0	-
PAY TOTAL			115	123	3	2	5	4	54	31	513	96	-

ROCK DITCH LINER AND BLANKET											
LOCATION		ROADWAY	FURNISHING TYPE 4 ROCK DITCH LINER	PLACING TYPE 4 ROCK DITCH LINER	BEDDING MATERIAL FOR ROCK DITCH LINER	FURNISHING TYPE 2 ROCK BLANKET	PLACING TYPE 2 ROCK BLANKET	PERMANENT EROSION CONTROL GEOTEXTILE	SEPERATION GEOTEXTILE	SELECT GRANULAR BACKFILL FOR STRUCTURAL SYSTEMS	REMARKS
			CU YD	CU YD	CU YD	CU YD	CU YD	SQ YD	SQ YD	CU YD	
START STATION	END STATION										
START	185+00.00	MISSOURI ROUTE 76	13.0	13.0	73.0	365.0	365.0	14.7	546.0	678.0	-
185+00.00	190+00.00	MISSOURI ROUTE 76	13.0	13.0	146.0	1,609.0	1,609.0	14.7	2,818.0	3,384.0	-
190+00.00	195+00.00	MISSOURI ROUTE 76	0.0	0.0	30.0	1,142.0	1,142.0	0.0	2,867.0	2,745.0	-
195+00.00	199+00.00	MISSOURI ROUTE 76	5.0	5.0	12.0	139.0	139.0	5.3	506.0	217.0	-
199+00.00	END	MISSOURI ROUTE 76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
MO-76 & LAKE SHORE DR			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
MO-76 & COON CREEK RD			0.0	0.0	0.0	31.4	91.4	0.0	0.0	0.0	-
MO-BB & COON CREEK RD			0.0	0.0	0.0	233.0	233.0	0.0	0.0	0.0	-
TOTAL			31.0	31.0	261.0	3,579.4	3,579.4	34.7	6,737.0	7,024.0	-
PAY TOTAL			31	31	261	3,580	3,580	35	6,737	7,024	-

PAVED DITCH				
LOCATION		ROADWAY		REMARKS
			PAVED DITCH	
START STATION	END STATION		SQ YD	
START	185+00.00	MISSOURI ROUTE 76	365.7	-
185+00.00	190+00.00	MISSOURI ROUTE 76	473.3	-
190+00.00	195+00.00	MISSOURI ROUTE 76	418.7	-
195+00.00	199+00.00	MISSOURI ROUTE 76	74.1	-
199+00.00	END	MISSOURI ROUTE 76	0.0	-
MO-76 & LAKE SHORE DR.			0.0	-
MO-76 & COON CREEK RD			0.0	-
MO-BB & COON CREEK RD			0.0	-
TOTAL			1,331.7	-
PAY TOTAL			1,332	-

CHAIN-LINK FENCE				
LOCATION		ROADWAY	CHAIN-LINK FENCE (RETAINING WALLS)	REMARKS
			LF	
START STATION	END STATION			
192+30.00	195+90.00	MISSOURI ROUTE 76	360.0	-
TOTAL			360.0	-
PAY TOTAL			360	-

EXISTING SIGNS				
LOCATION		ROADWAY	MISC. (REMOVE AND RELOCATE EXISTING GROUND MOUNT SIGN)	REMARKS
			EA	
START STATION	END STATION			
START	185+00.00	MISSOURI ROUTE 76	1	-
185+00.00	190+00.00	MISSOURI ROUTE 76	11	-
190+00.00	195+00.00	MISSOURI ROUTE 76	3	-
195+00.00	199+00.00	MISSOURI ROUTE 76	0	-
199+00.00	END	MISSOURI ROUTE 76	0	-
MO-76 & LAKE SHORE DR.			5	-
MO-76 & COON CREEK RD			2	-
MO-BB & COON CREEK RD			4	-
TOTAL			26	-
PAY TOTAL			26	-

CLEARING AND GRUBBING					
LOCATION			ROADWAY	CLEARING AND GRUBBING	REMARKS
				ACRE	
START STATION	END STATION	LT/RT			
182+60.00	196+40.00	LT	MISSOURI ROUTE 76	2.0	-
TOTAL				2.0	-
PAY TOTAL				2	-

TEMPORARY TRAFFIC SIGNALS		
LUMP SUM		
SIGNAL 1	1	MO-76 & COON CREEK RD INTERSECTION
SIGNAL 2	1	MO-BB & COON CREEK RD INTERSECTION
TOTAL	2	-
PAY TOTAL	2	-

MOBILIZATION	
PAY TOTAL	1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING	
PAY TOTAL	1 LUMP SUM

MISC. (SEEDING AND MULCHING - COOL SEASON GRASSES)	
PAY TOTAL	1 LUMP SUM

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SUMMARY OF QUANTITIES
SHEET 2 OF 4



DATE PREPARED
11/5/2025

ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 3

COUNTY
TANEY

JOB NO.
JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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FINAL PLANS

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

MO 76 EARTHWORK END AREAS															REMARKS
PLAN SHEET NO.	MO 76 CENTER LINE	AREAS FROM CROSS SECTIONS			SHRINK FACTOR	SWELL FACTOR	ADJUSTED AREAS FOR BALANCE - FOR INFORMATION ONLY		EARTHWORK PAY ITEMS			BALANCE - FOR INFORMATION ONLY			
		CLASS A CUT	CLASS C CUT	FILL FOR COMPACTING EMBANKMENT			CLASS A FOR FILL	CLASS C FOR FILL	CLASS A EXCAVATION	CLASS C EXCAVATION	EMBANKMENT IN PLACE	CLASS A FOR FILL WITH SHRINK (CY)	CLASS C FOR FILL WITH SWELL (CY)	BALANCE POINT	
1	182+60.00	(SF) 4.1	(SF) 0.0	(SF) 0.0	- 1.00	- 120	(SF) 4.1	(SF) 0.0	(CY)	(CY)	(CY)	(CY)	(CY)	(CY)	
2	183+00.00	14.6	0.0	0.0	1.00	120	14.6	0.0	13.90	0.00	0.00	13.90	0.00	-14	GRADING SHALL BE COMPLETED PER MO. STD. SPEC. 203. BALANCE SHOWN DOES NOT INCLUDE CLASS C EXCAVATION. ANY COMPACTION OF EMBANKMENT SHALL BE INCIDENTAL TO EMBANKMENT IN PLACE (NO DIRECT PAY).
3	183+09.99	17.7	2.1	0.0	1.00	120	17.7	2.5	14.80	0.30	0.20	14.80	0.40	-15	
4	183+10.01	87.3	0.2	1.5	1.00	120	87.3	0.2	0.10	0.10	0.10	0.10	0.10	-0	
5	183+50.00	62.8	0.0	1.1	1.00	120	62.8	0.0	111.20	0.20	2.00	111.20	0.20	-109	
6	184+00.00	695.5	33.6	329.2	1.00	120	695.5	40.3	702.20	31.20	305.90	702.20	37.40	434	
7	184+50.00	350.7	4.7	162.0	1.00	120	350.7	5.6	968.80	35.50	454.90	968.80	42.60	-557	
8	185+00.00	610.6	51.0	189.3	1.00	120	610.6	61.2	890.10	51.60	325.30	890.10	61.90	-627	
9	185+50.00	650.8	35.9	168.0	1.00	120	650.8	43.1	1168.00	80.50	330.90	1168.00	96.60	-934	
10	186+00.00	349.7	76.7	88.6	1.00	120	349.7	92.0	926.40	104.30	237.60	926.40	125.20	-814	
11	186+50.00	261.8	5.1	84.1	1.00	120	261.8	6.1	566.30	75.80	160.00	566.30	90.90	-497	
12	187+00.00	418.8	31.5	101.6	1.00	120	418.8	37.8	630.20	33.90	172.00	630.20	40.70	-499	
13	187+50.00	615.1	6.9	129.3	1.00	120	615.1	8.3	957.40	35.60	213.80	957.40	42.70	-786	
14	188+00.00	649.6	22.1	120.3	1.00	120	649.6	26.5	1171.10	26.90	231.20	1171.10	32.30	-972	
15	188+50.00	553.8	1.8	179.2	1.00	120	553.8	2.2	1114.30	22.20	277.40	1114.30	26.60	-864	
16	189+00.00	594.6	0.0	147.2	1.00	120	594.6	0.0	1063.40	1.70	302.30	1063.40	2.00	-763	
17	189+50.00	498.0	1.1	176.4	1.00	120	498.0	1.3	1011.70	1.10	299.70	1011.70	1.30	-713	
18	190+00.00	524.1	0.4	183.5	1.00	120	524.1	0.5	946.40	1.40	333.30	946.40	1.70	-615	
19	190+50.00	747.6	7.4	272.8	1.00	120	747.6	8.9	1177.50	7.30	422.50	1177.50	8.70	-764	
20	191+00.00	785.1	1.9	261.7	1.00	120	785.1	2.3	1419.20	8.70	495.00	1419.20	10.40	-935	
21	191+50.00	946.2	17.6	329.7	1.00	120	946.2	21.1	1603.10	18.10	547.60	1603.10	21.70	-1077	
22	192+00.00	335.0	0.0	95.7	1.00	120	335.0	0.0	1186.30	16.30	393.90	1186.30	19.60	-812	
23	192+29.99	326.8	0.0	115.9	1.00	120	326.8	0.0	367.60	0.00	117.60	367.60	0.00	-250	
24	192+30.01	320.2	0.0	115.9	1.00	120	320.2	0.0	0.30	0.00	0.10	0.30	0.00	-0	
25	192+50.00	315.5	0.0	137.9	1.00	120	315.5	0.0	235.40	0.00	94.00	235.40	0.00	-141	
26	193+00.00	490.6	0.4	180.6	1.00	120	490.6	0.5	746.40	0.40	295.00	746.40	0.50	-452	
27	193+50.00	470.0	0.1	184.7	1.00	120	470.0	0.1	889.50	0.50	338.30	889.50	0.60	-552	
28	194+00.00	439.6	0.2	180.6	1.00	120	439.6	0.2	842.30	0.30	338.30	842.30	0.40	-504	
29	194+50.00	372.1	0.0	162.5	1.00	120	372.1	0.0	751.60	0.20	317.70	751.60	0.30	-434	
30	195+00.00	357.9	4.0	196.3	1.00	120	357.9	4.8	676.00	3.80	332.30	676.00	4.50	-348	
31	195+50.00	264.6	0.9	139.6	1.00	120	264.6	1.1	576.40	4.60	311.10	576.40	5.50	-271	
32	195+89.99	223.6	0.0	83.9	1.00	120	223.6	0.0	361.60	0.70	165.60	361.60	0.80	-197	
33	195+90.01	225.9	0.0	71.3	1.00	120	225.9	0.0	0.20	0.00	0.10	0.20	0.00	-0	
34	196+00.00	140.9	0.0	97.2	1.00	120	140.9	0.0	67.90	0.00	31.20	67.90	0.00	-37	
35	196+39.99	151.5	0.0	82.9	1.00	120	151.5	0.0	216.60	0.00	133.40	216.60	0.00	-83	
36	196+40.01	2.8	0.0	1.6	1.00	120	2.8	0.0	0.10	0.00	0.10	0.10	0.00	0	
37	196+50.00	2.8	0.0	1.5	1.00	120	2.8	0.0	1.10	0.00	0.60	1.10	0.00	-1	
38	196+95.00	2.7	0.0	2.0	1.00	120	2.7	0.0	4.60	0.00	3.00	4.60	0.00	-2	
TOTAL									23,380.00	563.20	7,964.00	23380.00	675.60		
PAY TOTAL									29,225	704	9,980				EMBANKMENT IN PLACE SHALL BE USED FOR ALL FILL. ALL EXCAVATION SHALL BE REMOVED FROM THE SITE AND NOT USED FOR FILL.

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STATE OF MISSOURI
DENNIS
KOSCIELSKI
NUMBER
PE-2005000712
PROFESSIONAL ENGINEER

DATE PREPARED	
11/5/2025	
ROUTE	STATE
76	MO
DISTRICT	SHEET NO.
SW	3
COUNTY	
TANEY	
JOB NO.	
JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

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SUMMARY OF QUANTITIES
SHEET 3 OF 4

FINAL PLANS

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	QTY RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
W01-1L	48X48	16.00						TURN (SYMBOL LEFT)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT)
W01-2L	48X48	16.00	1	16.00				CURVE (SYMBOL LEFT)
W01-2R	48X48	16.00	1	16.00				CURVE (SYMBOL RIGHT)
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
W01-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
W01-8	18X24	3.00						CHEVRON (SYMBOL)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)
W03-3	48X48	16.00	6	96				SIGNAL AHEAD (SYMBOL)
W03-4	48X48	16.00						BE PREPARED TO STOP
W03-5	48X48	16.00						SPEED LIMIT AHEAD
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
W04-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
W04-1aL	48X48	16.00						MERGE (LEFT)
W04-1aR	48X48	16.00						MERGE (RIGHT)
W05-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
W05-3	48X48	16.00						ONE LANE BRIDGE
W05-5	48X48	16.00						NARROW LANES
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
W07-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
W08-1	48X48	16.00						BUMP
W08-2	48X48	16.00						DIP
W08-3	48X48	16.00						PAVEMENT ENDS
W08-4	48X48	16.00						SOFT SHOULDER
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
W08-6	48X48	16.00						TRUCK CROSSING
W08-6c	48X48	16.00						TRUCK ENTRANCE
W08-7	36X36	9.00						LOOSE GRAVEL
W08-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
W08-9	48X48	16.00						LOW SHOULDER
W08-11	48X48	16.00						UNEVEN LANES
W08-12	48X48	16.00						NO CENTER LINE
W08-15	48X48	16.00						GROOVED PAVEMENT
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
W08-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
W08-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
W016-2	30X24	5.00						XXX FEET (PLAQUE)
W016-3	30X24	5.00						X MILE (PLAQUE)
W020-1	48X48	16.00	12	192.00				ROAD/BRIDGE/RAMP WORK AHEAD
W020-2	48X48	16.00	6	96.00				DETOUR AHEAD
W020-3	48X48	16.00	4	64.00				ROAD CLOSED AHEAD
W020-4	48X48	16.00	9	144.00				ONE LANE ROAD AHEAD
W020-5	48X48	16.00	1	16.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
W020-6a	48X48	16.00	1	16.00				RIGHT/CENTER/LEFT LANE CLOSED
W020-7a	48X48	16.00	9	144.00				FLAGGER (SYMBOL)
W021-2	36X36	9.00						FRESH OIL
W021-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
W022-1	48X48	16.00						BLASTING ZONE AHEAD
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
W022-3	42X36	10.50						END BLASTING ZONE
G022-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY EACH	TOTAL SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	4	32.00				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	9	54.00				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00	2	12.00				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	18	216.00				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
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00	4	24.00				STOP HERE ON RED (45° ARROW)
R11-2	48X30	10.00	5	50.00				ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	4	128.00				POINT OF PRESENCE
CONST-8	48X36	12.00	3	36.00				WORK ZONE NO PHONE ZONE
CONST-7	72X36	18.00	2	36.00				RATE OUR WORK ZONE
W030-3	36X36	9.00	6	54.00				SIGNAL AHEAD (SYMBOL)
SPECIAL	36X78	19.50	28	546.00				DETOUR ROUTE ASSEMBLY

NOTES:

1. ~~NO~~ DIRECT PAY WILL BE MADE FOR THE RELOCATION OF CONSTRUCTION SIGNS OR DEVICES.
2. ~~NOT~~ INCLUDED IN MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL.
3. SIGNS AND DEVICE LOCATIONS WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.
4. CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER.

ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025			
		DESCRIPTION			
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)			
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)			
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)			
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)			
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)			
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)			
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)			
6122020		REPLACEMENT SAND BARREL			
6122030		IMPACT ATTENUATOR (RELOCATION)			
6122040		WORK ZONE CRASH CUSHION (NARROW)			
6122041		WORK ZONE CRASH CUSHION (RELOCATION)			
6123001	1**	TRUCK MOUNTED ATTENUATOR (TMA)			
6161012		BUOYS (BOATS KEEP OUT)			
6161013		BUOYS (NO WAKE)			
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)			
6161020		CHANNELIZER (DRUM-LIKE)			
6161022		CHANNELIZER (CONE)			
6161025	102	CHANNELIZER (TRIM-LINE)			
6161026		CHANNELIZER (VERTICAL PANEL)			
6161030	14	TYPE 3 MOVEABLE BARRICADE			
6161033		DIRECTION INDICATOR BARRICADE			
6161040		FLASHING ARROW PANEL			
6161047		TYPE 3 OBJECT MARKER			
6161055		SEQUENTIAL FLASHING WARNING LIGHT			
6161070		TUBULAR MARKER			
6161095		RADAR SPEED ADVISORY SYSTEM			
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED			
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED			
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED			
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM			
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS			
6169902	10**	NTIP COMPLIANT CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED/RETAINED			
6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED			
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED			
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED			
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED			
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER			
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED			
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS			
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT			
6208064A		TEMPORARY RAISED PAVEMENT MARKER			
9029400	2**	TEMPORARY TRAFFIC SIGNALS (SEE SUMMARY TABLE ON SHEET 2 OF 4 FOR PAY TOTALS.)			
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING			
MISC. {TEMPORARY TRAFFIC CONTROL}		PAY TOTAL		1	LS

NOTE: ALL TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.91, TEMPORARY TRAFFIC CONTROL, LUMP SUM, UNLESS NOTED OTHERWISE IN THE PLANS. THESE QUANTITIES ARE ONLY AN ESTIMATE AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS.

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SUMMARY OF QUANTITIES
SHEET 4 OF 4

STATE OF MISSOURI
DENNIS J.
KOSCIELSKI
NUMBER
PE-2005000712
PROFESSIONAL ENGINEER

DATE PREPARED	
11/13/2025	
ROUTE	STATE
76	MO
DISTRICT	SHEET NO
SW	3
COUNTY	
TANEY	
JOB NO.	
JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

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COMMISSION

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JEFFERSON CITY, MO 65102

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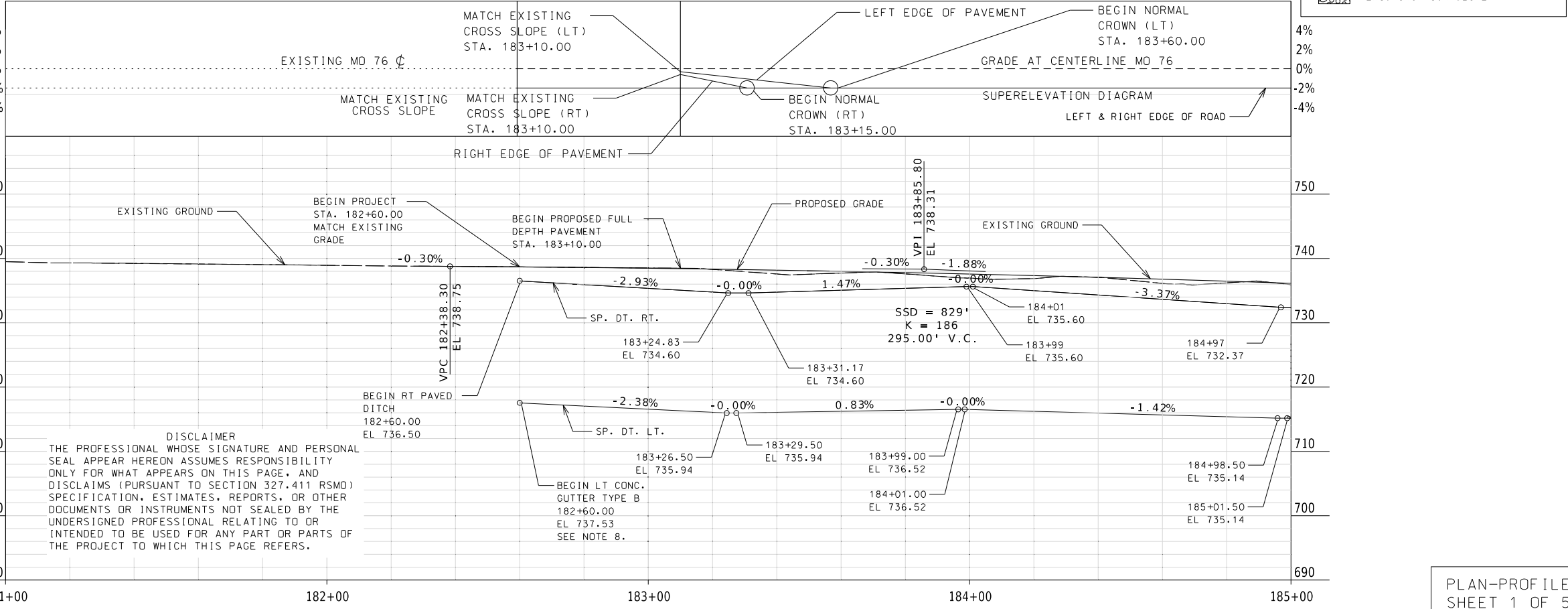
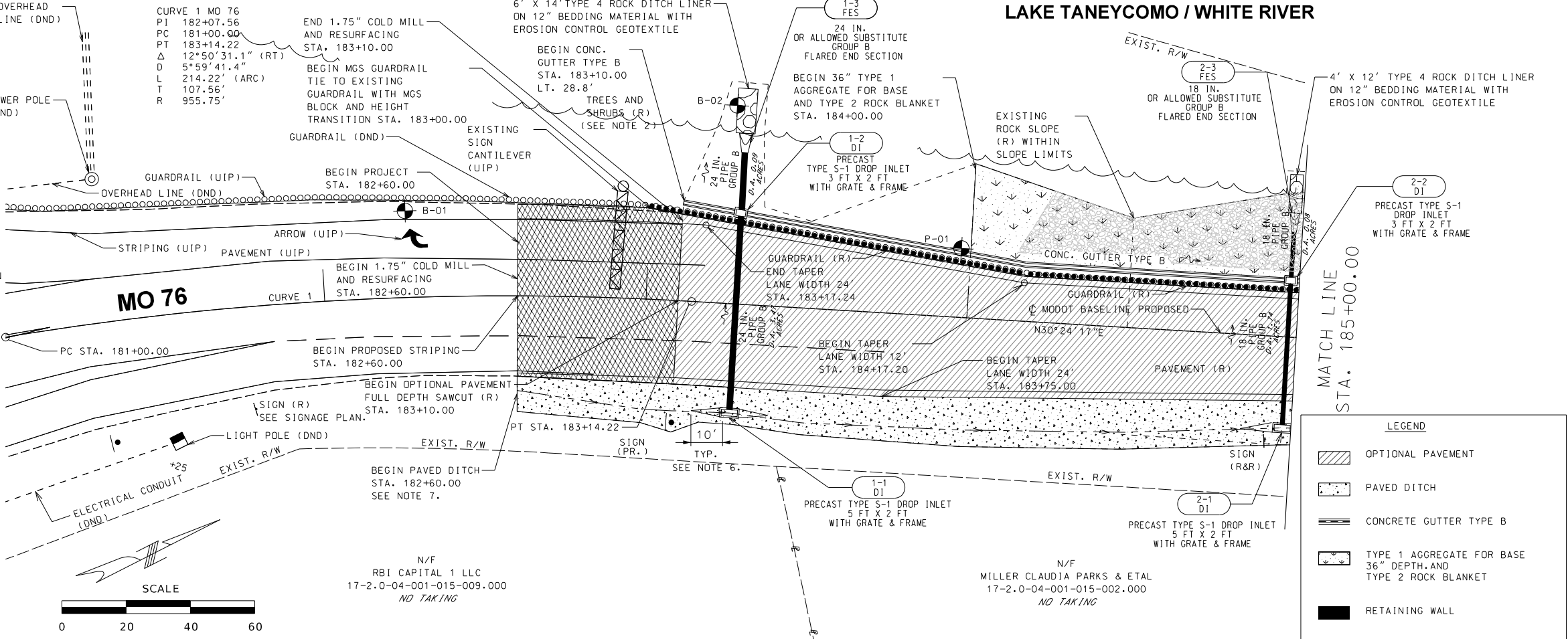
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FINAL PLANS

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

- GENERAL NOTES:
1. NO NEW RIGHT OF WAY WILL BE ACQUIRED FOR THIS PROJECT.
 2. 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 (NO DIRECT PAY).
 3. THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AS 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.
 4. THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXISTING, 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. SEE THE JOB SPECIAL PROVISIONS FOR A LIST OF UTILITY COMPANIES ON OR WITHIN THE VICINITY OF THE PROJECT LIMITS.
 5. ALL BEARINGS BASED ON MISSOURI COORDINATE SYSTEM OF 1983, CENTRAL ZONE
 6. TRANSITION THE CONCRETE PAVED V-DITCH TO A 3-FT WIDE FLAT BOTTOM DITCH. COMPLETE TRANSITION ON BOTH SIDES OF INLETS ON RIGHT SIDE OF MO 76. TRANSITION IS INCIDENTAL TO PAVED DITCH (NO DIRECT PAY).
 7. V-DITCH ON RIGHT SIDE OF ROAD SHALL BE CONSTRUCTED OF CONCRETE PLACED 6-INCHES THICK ON PREPARED SUBGRADE. ITEM SHALL BE PAID FOR AS PAVED DITCH.
 8. SPECIAL DITCH PROFILE LINE DROPPED BY 20 FT FOR CLARITY.
 9. SEE SIGNAGE PLANS FOR DETAILS OF PROPOSED SIGNAGE AND STRIPING.
 10. SEE TRAFFIC CONTROL SHEETS FOR WIDENING PLANS.



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PLAN-PROFILE
SHEET 1 OF 5

STATE OF MISSOURI
DENNIS KOSCIUSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

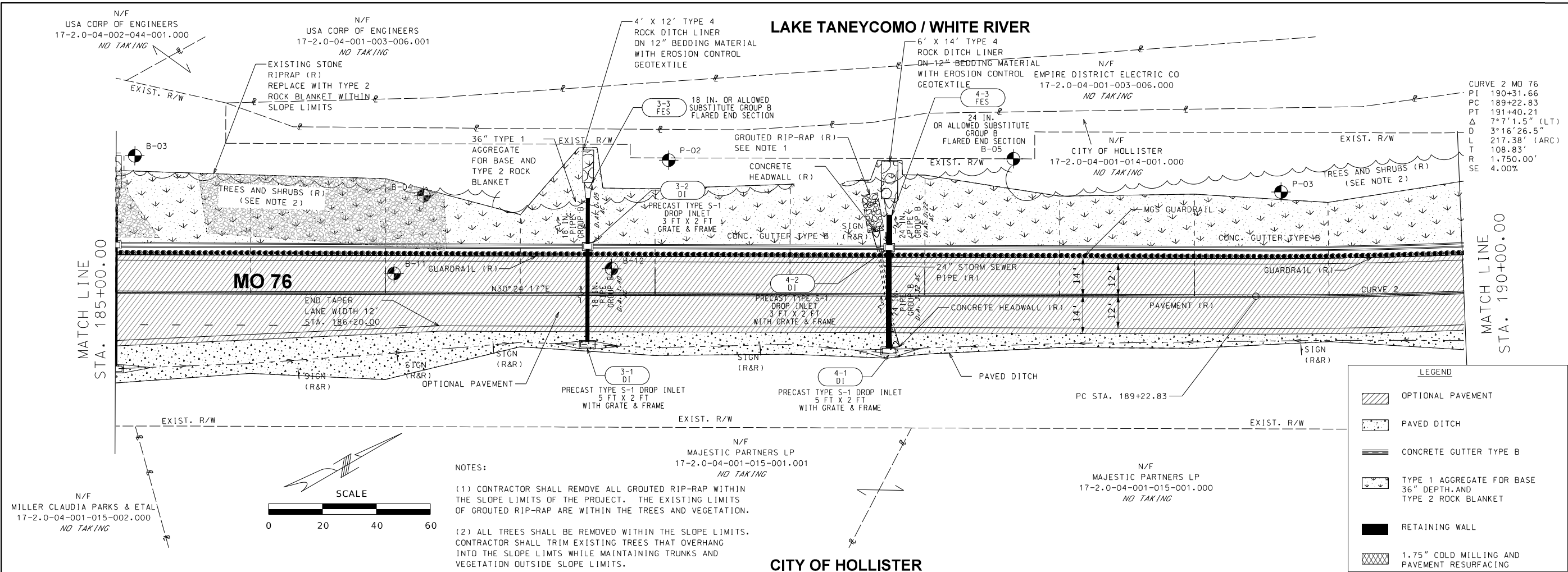
DATE PREPARED
11/5/2025
ROUTE
76
DISTRICT
SW
STATE
MO
SHEET NO.
4
COUNTY
TANEY
JOB NO.
JSR0326
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

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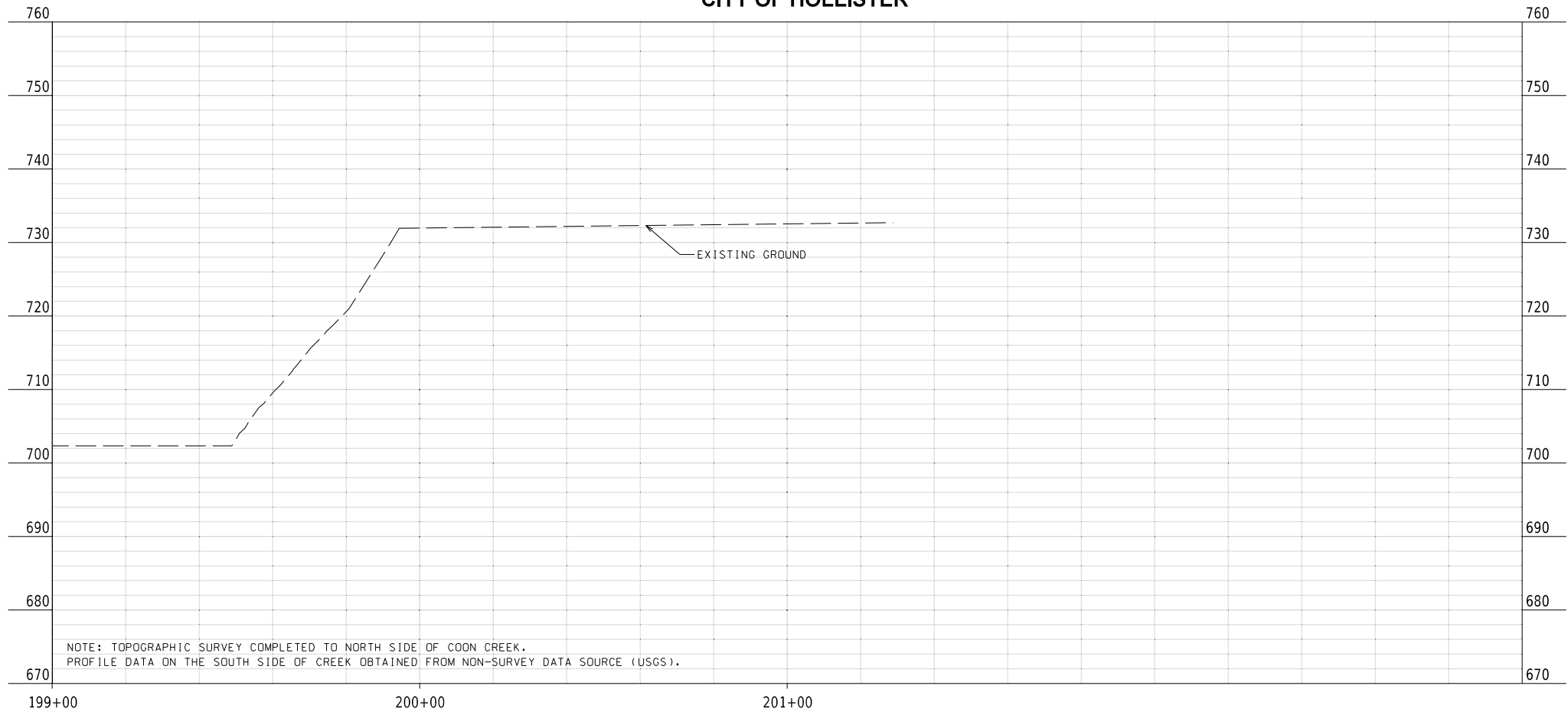
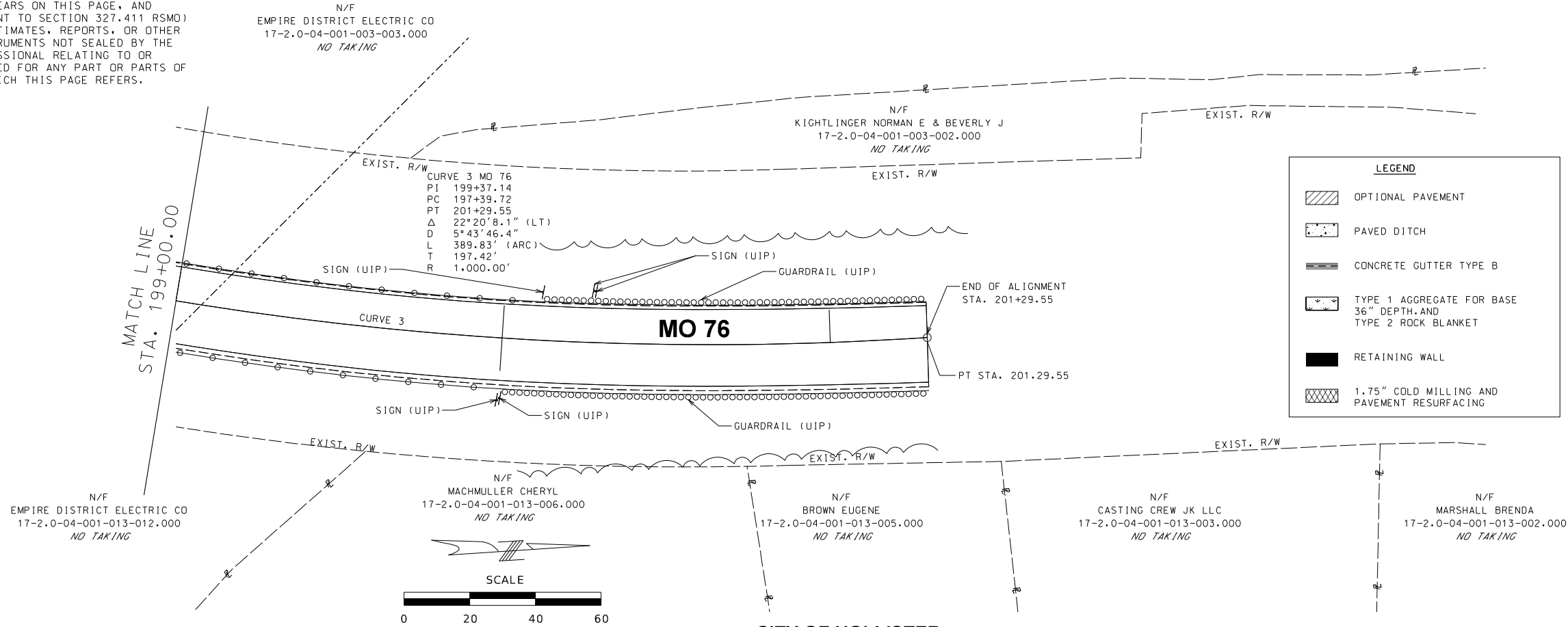
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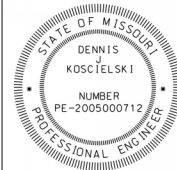
LAKE TANEYCOMO / WHITE RIVER

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FOR INFORMATION ONLY

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025



DATE PREPARED	11/5/2025
ROUTE	76
STATE	MO
DISTRICT	SW
SHEET NO.	8

COUNTY	TANEY
JOB NO.	JSR0326
CONTRACT ID.	

PROJECT NO.	
-------------	--

BRIDGE NO.	
------------	--

DESCRIPTION	DATE

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CONTROL ROUTE SURVEY NOTES:
1. SEE REFERENCE POINT SHEET FOR LOCATION OF CONTROL POINTS ON SURVEY.
2. SEE REFERENCE POINT SPECIAL SHEET FOR DETAILS FOR EACH CONTROL POINT ON PROJECT.
3. SEE COORDINATE POINT SPECIAL SHEET FOR SURVEY FACTORS AND OTHER SURVEY DETAILS

SEE SHEET XX FOR DETAILS OF THE BENCHMARK AND CONTROL POINTS. BENCHMARK AND CONTROL POINTS ARE LOCATED ON THE WEST BANK OF LAKE TANEYCOMO/WHITE RIVER.



DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 9
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

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70

75

80

LAKE TANEYCOMO / WHITE RIVER

N/F
USA CORP OF ENGINEERS
17-2.0-04-002-044-001.000
NO TAKING

EXIST. R/W

PI	81+58.17
PC	80+84.07
PT	82+31.97
Δ	8°52'0.0" (RT)
D	5°59'41.5"
L	147.90' (ARC)
T	74.10'
R	955.75'

PC STA 80+84.07

PT STA 82+31.97

ROUTE 76

MATCHLINE STA. 83+50.00

N/F
RBI CAPITAL 1 LLC
17-2.0-04-001-015-009.000
NO TAKING

EXIST. R/W

+16.33	+25.00	+50.00
93.67'	85.00'	50.00'

+50.00	+50.00
160.00'	160.00'

FOR INFORMATION ONLY

SCALE



CONTROL ROUTE SURVEY
SHEET 1 OF 3

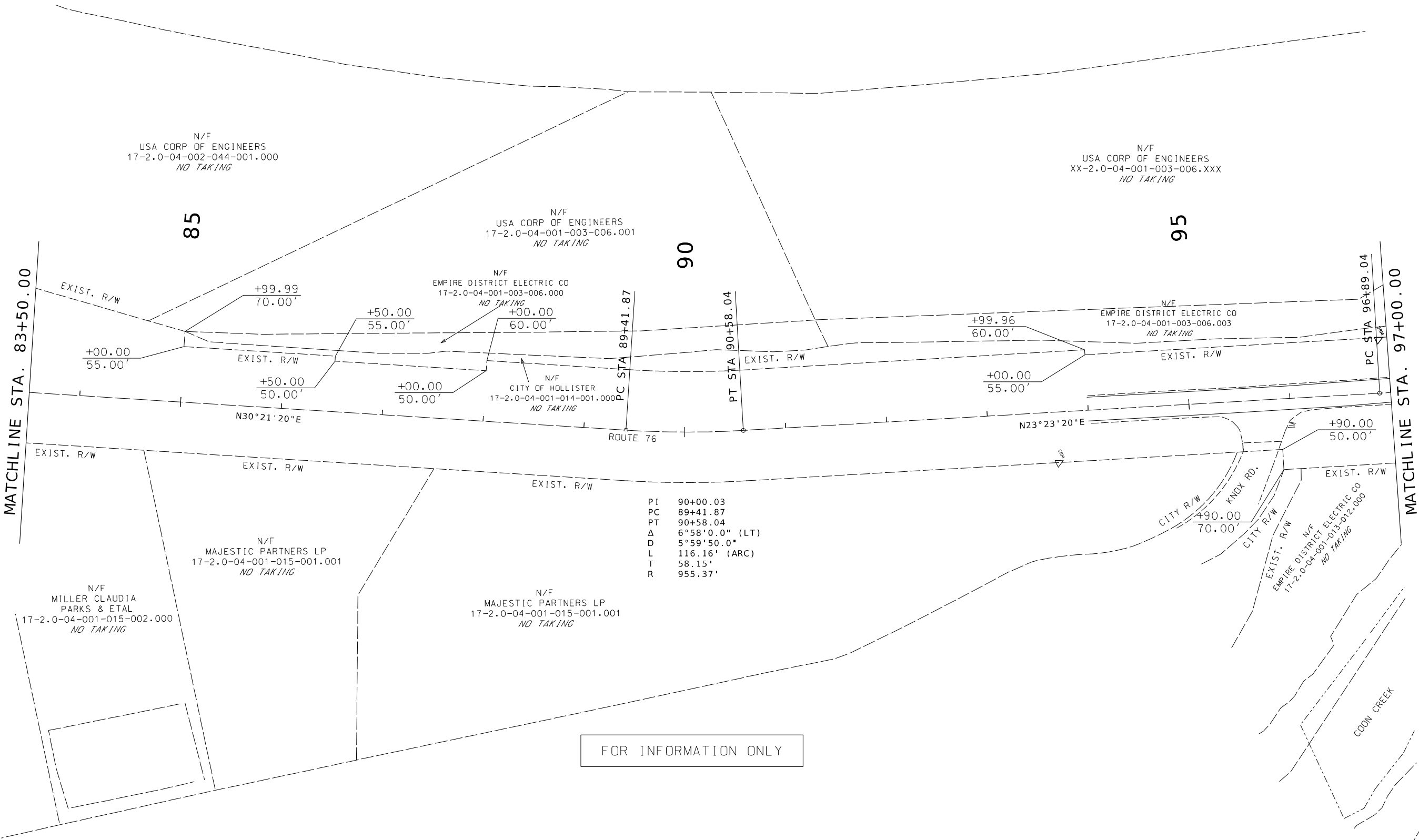
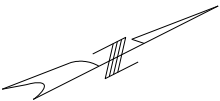
NOTES:
1. SHEET PROVIDED TO IDENTIFY THE LIMITS OF EXISTING RIGHT-OF-WAY.
2. SHEET SHOWS EXISTING CENTERLINE OF ROUTE 76.

LAYOUT	KK	09/2025
DRAWN	KK	09/2025
REVIEWED	DK	10/2025

LAYOUT	KK	09/2025
DRAWN	KK	09/2025
REVIEWED	DK	10/2025

SEE SHEET XX FOR DETAILS OF THE BENCHMARK AND CONTROL POINTS.
BENCHMARK AND CONTROL POINTS ARE LOCATED ON THE WEST BANK OF
LAKE TANEYCOMO/WHITE RIVER.

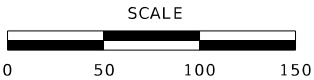
LAKE TANEYCOMO / WHITE RIVER



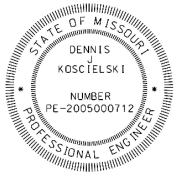
PI 90+00.03
PC 89+41.87
PT 90+58.04
Δ 6°58'0.0" (LT)
D 5°59'50.0"
L 116.16' (ARC)
T 58.15'
R 955.37'

FOR INFORMATION ONLY

- NOTES:
1. SHEET PROVIDED TO IDENTIFY THE LIMITS OF EXISTING RIGHT-OF-WAY.
 2. SHEET SHOWS EXISTING CENTERLINE OF ROUTE 76.



CONTROL ROUTE SURVEY
SHEET 2 OF 3



DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 10
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

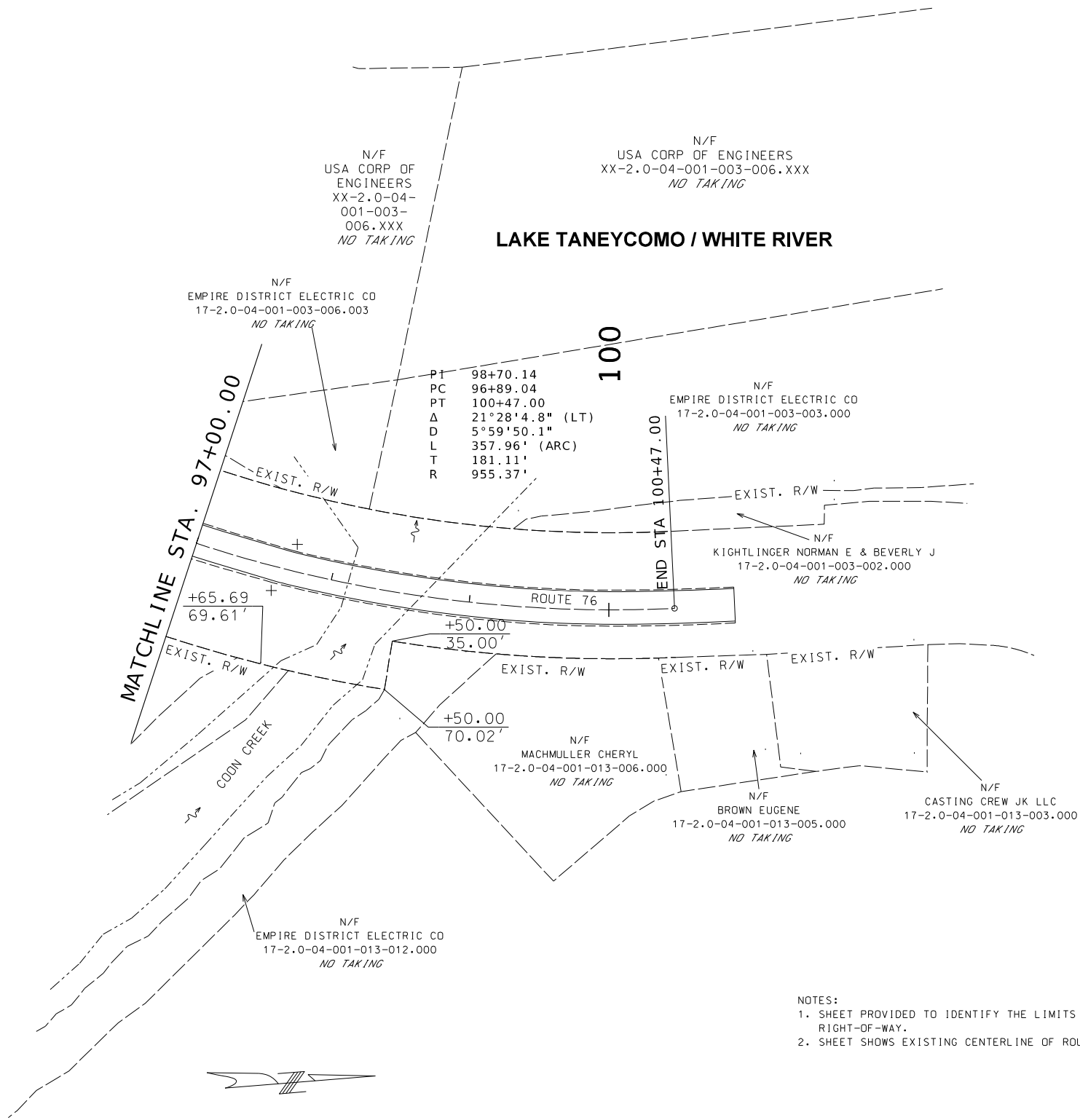
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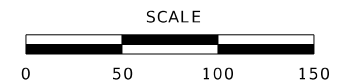
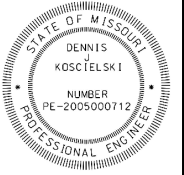
SEE SHEET XX FOR DETAILS OF THE BENCHMARK AND CONTROL POINTS.
BENCHMARK AND CONTROL POINTS ARE LOCATED ON THE WEST BANK OF
LAKE TANEYCOMO/WHITE RIVER.



NOTES:

1. SHEET PROVIDED TO IDENTIFY THE LIMITS OF EXISTING RIGHT-OF-WAY.
2. SHEET SHOWS EXISTING CENTERLINE OF ROUTE 76.

FOR INFORMATION ONLY

CONTROL ROUTE SURVEY
SHEET 3 OF 3

DATE PREPARED

11 / 5 / 2025

ROUTE	STATE
76	MO

DISTRICT	SHEET NO
SW	11

COUNTY

TANEY

JOB NO.
JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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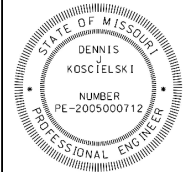
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LAYOUT	KK	08/2025
DRAWN	KK	08/2025
REVIEWED	DK	10/2025

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

Coordinate Point Listing
Missouri Coordinate System of 1983 – CENTRAL ZONE

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DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 12
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION									
DATE									

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JEFFERSON CITY, MO 65102
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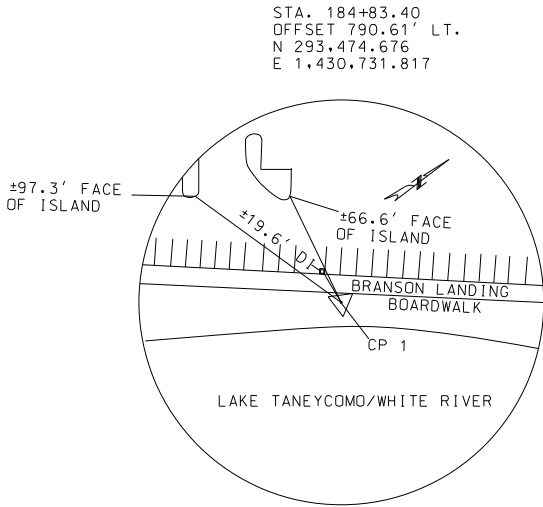
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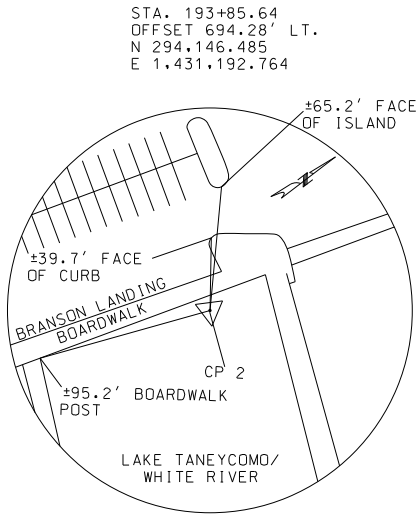
REFERENCE &
COORDINATE POINTS
SHEET 1 OF 1

COORDINATE POINT LISTING								
SHEET NO.	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION	ORD POINT ID
				NORTHING (USFT)	EASTING (USFT)	ELEVATION (USFT)		
PROJECT CONTROL POINTS								
12	190+39.81	MO 76	757.30' LT.	293,895.129	1,431,014.586	712.157	CHISELED SQUARE ALONG BRANSON LANDING BOARDWALK	TBM
12	184+83.40	MO 76	790.61' LT.	293,474.676	1,430,731.817	706.255	5/8" REBAR W/PINK PLASTIC CAP SOUTH SIDE OF BRANSON LANDING PARKING LOT	CP 1
12	193+85.64	MO 76	694.28' LT.	294,146.485	1,431,192.764	712.827	5/8" REBAR W/PINK PLASTIC CAP NORTH SIDE OF BRANSON LANDING PARKING LOT	CP 2
ALIGNMENTS								
3	181+00.00	MO 76	0.00' RT.	292,733.321	1,431,241.178	N/A	MO 76 PC - CURVE 1	N/A
3	182+07.56	MO 76	0.00' RT	292,835.866	1,431,273.634	N/A	MO 76 PI - CURVE 1	N/A
3	183+14.22	MO 76	0.00' RT	292,928.633	1,431,328.070	N/A	MO 76 PT - CURVE 1	N/A
4	189+22.83	MO 76	0.00' RT	293,453.547	1,431,636.093	N/A	MO 76 PC - CURVE 2	N/A
5	190+31.66	MO 76	0.00' RT	293,547.409	1,431,691.172	N/A	MO 76 PI - CURVE 2	N/A
5	191+40.21	MO 76	0.00' RT	293,647.373	1,431,734.197	N/A	MO 76 PT - CURVE 2	N/A
6	197+39.72	MO 76	0.00' RT	294,198.390	1,431,970.395	N/A	MO 76 PC - CURVE 3	N/A
7	199+37.14	MO 76	0.00' RT	294,380.999	1,432,045.421	N/A	MO 76 PI - CURVE 3	N/A
7	201+29.55	MO 76	0.00' RT	294,578.420	1,432,045.421	N/A	MO 76 PT - CURVE 3	N/A

CONTROL PT #1 (CP 1)
5/8" REBAR W/PINK PLASTIC CAP SOUTH SIDE
OF BRANSON LANDING PARKING LOT



CONTROL PT #2 (CP 2)
5/8" REBAR W/PINK PLASTIC CAP NORTH SIDE
OF BRANSON LANDING PARKING LOT



LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

TRAFFIC CONTROL LEGEND	
	WORK AREA
	CHANNELIZER
	TRAFFIC SIGN
	TRAFFIC FLOW ARROW
	TYPE 3 BARRICADE
	CHANGEABLE MESSAGE SIGN
	FLAGGER

TRAFFIC CONTROL NARRATIVE:
PRE-PHASE: PLACE CMS PROVIDING ADVANCE NOTICE OF WORK. 10 CMS SHALL BE PLACED AT FOLLOWING LOCATIONS:
-3 EACH AT MO 76/COON CREEK (ONE FOR EACH APPROACH LEG)
-3 EACH AT MO BB/COON CREEK (ONE FOR EACH APPROACH LEG)
-1 EACH ON LAKE SHORE DRIVE APPROACHING MO 76
-1 EACH ON MO 76 APPROACHING CLOSURE AT LAKE SHORE DRIVE
-1 EACH ON MO 76 LOCATED ON WEST SIDE OF LAKE TANEYCOMO IN DOWNTOWN BRANSON.
-1 EACH ON BUS 65 APPROACHING MO BB IN HOLLISTER. SEE DETOUR SHEET FOR APPROXIMATE LOCATIONS.
PHASE 1: CONSTRUCT PAVEMENT WIDENING AT INTERSECTIONS OF MO 76 AND COON CREEK RD, COON CREEK RD AND ROUTE B, AND ROUTE BB AND BUSINESS ROUTE US 65. CONSTRUCT AND MAINTAIN TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTIONS OF MO 76 AND COON CREEK RD, AND COON CREEK RD AND ROUTE BB. SET UP DETOUR AND ROAD CLOSURE FOR ROUTE 76. CONSTRUCT ALL EARTHWORK, DRAINAGE, AND ROADWAY IMPROVEMENTS DURING THE ROAD CLOSURE.

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STATE OF MISSOURI
DENNIS
J
KOSCIELSKI
NUMBER
PE-2005000712
PROFESSIONAL ENGINEER

DATE PREPARED	
11/5/2025	
ROUTE	STATE
76	MO
DISTRICT	SHEET NO.
SW	13
COUNTY	
TANEY	
JOB NO.	
JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

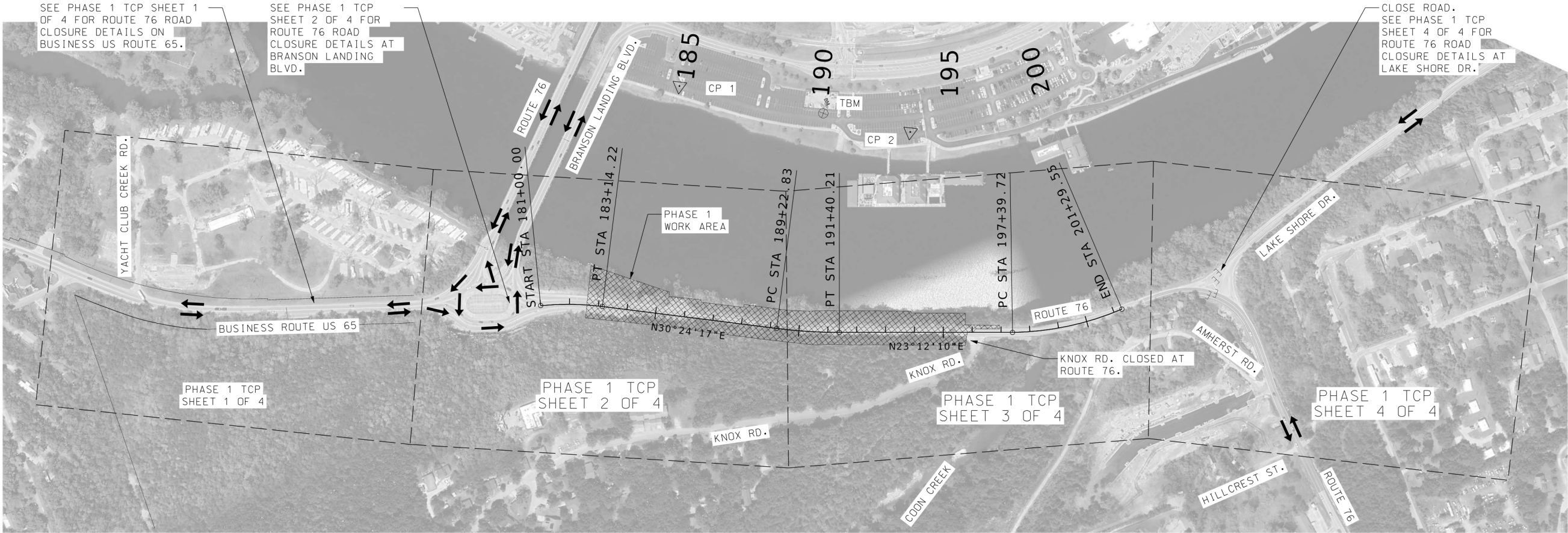
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GENERAL TRAFFIC CONTROL PLAN NOTES:

2. REFER TO DETOUR SHEET FOR SIGNAGE TO BE SET UP DURING CONSTRUCTION.
3. CONTRACTOR SHALL SET UP TRAFFIC CONTROL BEFORE BEGINNING ROADWORK.
3. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SIGNS AND INSTALLATION COMPLY WITH THE FULL EXTENT OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
4. CONTRACTOR SHALL FIELD ADJUST INSTALLATIONS, AS APPROVED BY THE ENGINEER.
5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES. (NO DIRECT PAY).
6. EXISTING SIGNS THAT ARE IN CONFLICT WITH THE PROPOSED TRAFFIC CONTROL PLAN SHALL BE COVERED. NO DIRECT PAY TO COVER AND UNCOVER EXISTING SIGNS.
7. NO DIRECT PAY FOR RELOCATION OF CONSTRUCTION SIGNS OR DEVICES.
8. CHANGEABLE MESSAGE SIGNS TO BE PLACED 14-CALNDAR DAYS PRIOR TO CLOSING ROUTE 76.
9. CONTRACTOR SHALL SET UP ROAD CLOSURE PER MODOT FIGURE 616.8.8 (TA-8) IN THE ENGINEERING POLICY GUIDE.
10. CONTRACTOR SHALL CLOSE KNOX RD. GATE BEFORE BEGINNING CONSTRUCTION.

NOT TO SCALE

OVERALL MAP

TRAFFIC CONTROL
SHEET 1 OF 14

LAYOUT	GE	09/2025
DRAWN	GE	09/2025
REVIEWED	DDK	09/2025

TRAFFIC CONTROL LEGEND



WORK AREA



CHANNELIZER



TRAFFIC SIGN



TRAFFIC FLOW ARROW



TYPE 3 BARRICADE



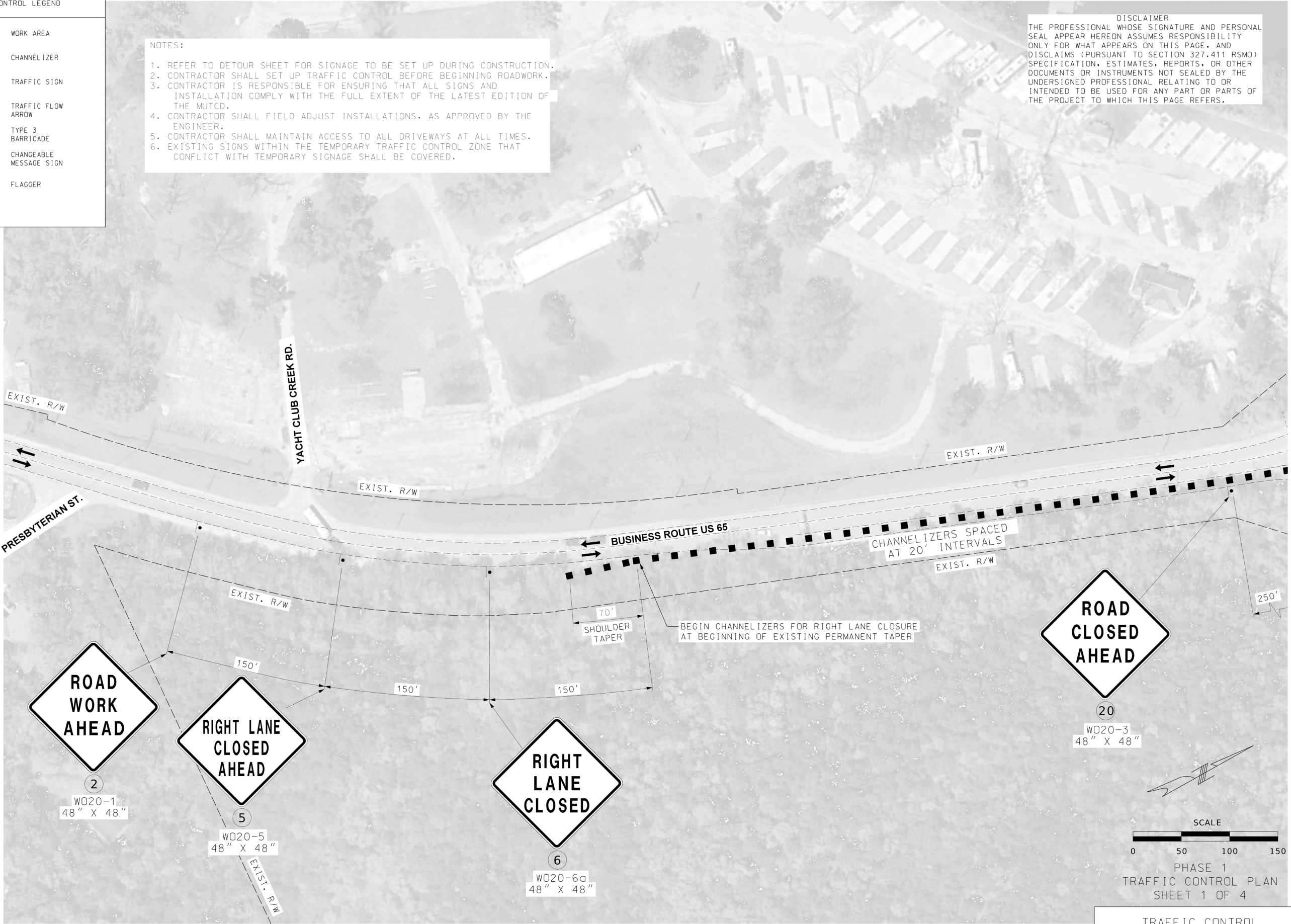
CHANGEABLE MESSAGE SIGN



FLAGGER

- NOTES:
1. REFER TO DETOUR SHEET FOR SIGNAGE TO BE SET UP DURING CONSTRUCTION.
 2. CONTRACTOR SHALL SET UP TRAFFIC CONTROL BEFORE BEGINNING ROADWORK.
 3. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SIGNS AND INSTALLATION COMPLY WITH THE FULL EXTENT OF THE LATEST EDITION OF THE MUTCD.
 4. CONTRACTOR SHALL FIELD ADJUST INSTALLATIONS, AS APPROVED BY THE ENGINEER.
 5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.
 6. EXISTING SIGNS WITHIN THE TEMPORARY TRAFFIC CONTROL ZONE THAT CONFLICT WITH TEMPORARY SIGNAGE SHALL BE COVERED.

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DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 14
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

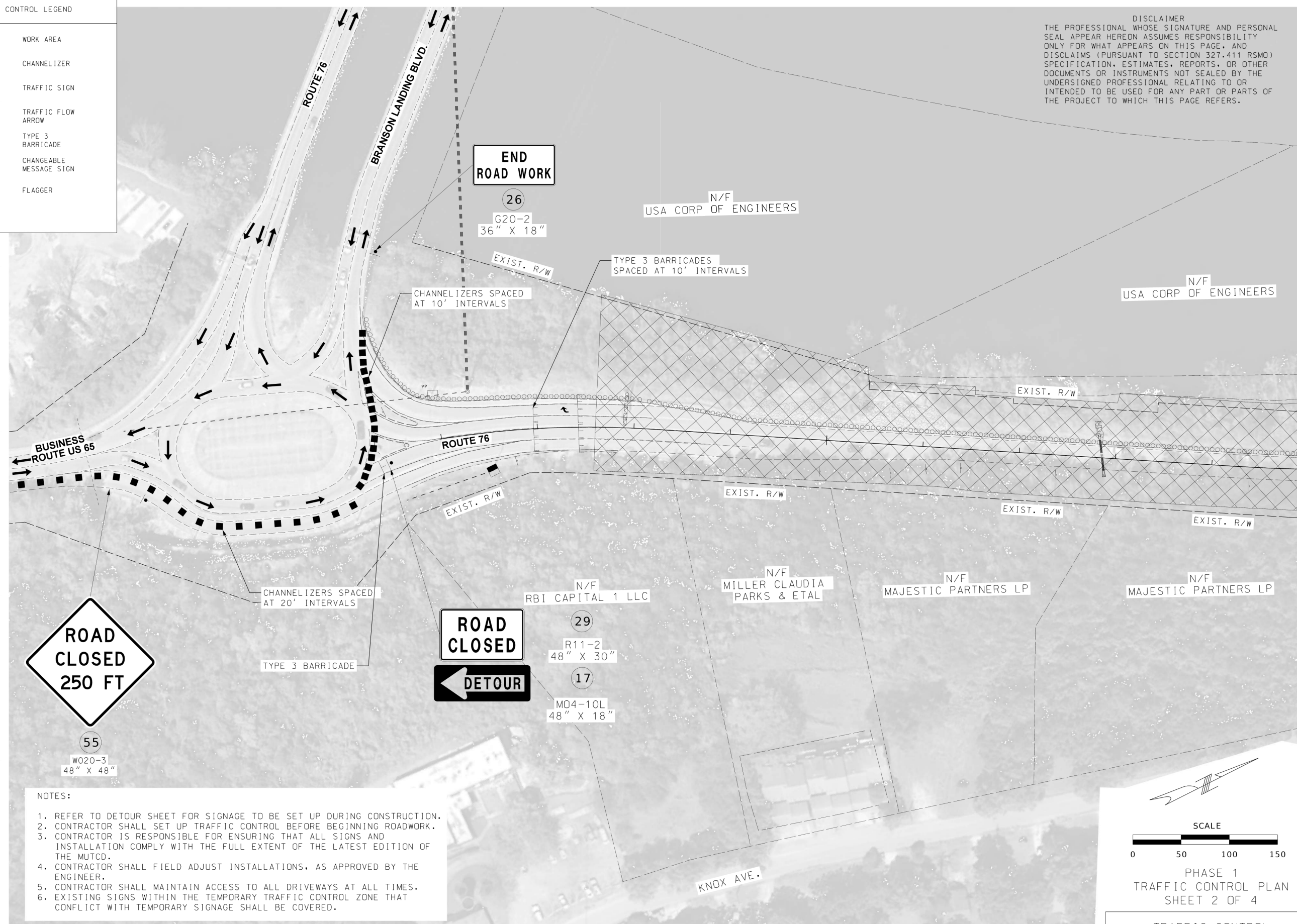


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STATE OF MISSOURI
DENNIS
J
KOSCIELSKI
NUMBER
PE-2005000712
PROFESSIONAL ENGINEER

[illegible]

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A horizontal scale bar labeled "SCALE" with markings at 0, 50, 100, and 150. The bar is divided into alternating black and white segments.

PHASE 1
TRAFFIC CONTROL PLAN
SHEET 2 OF 4

TRAFFIC CONTROL
SHEET 3 OF 14

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

TRAFFIC CONTROL LEGEND

WORK AREA

CHANNELIZER

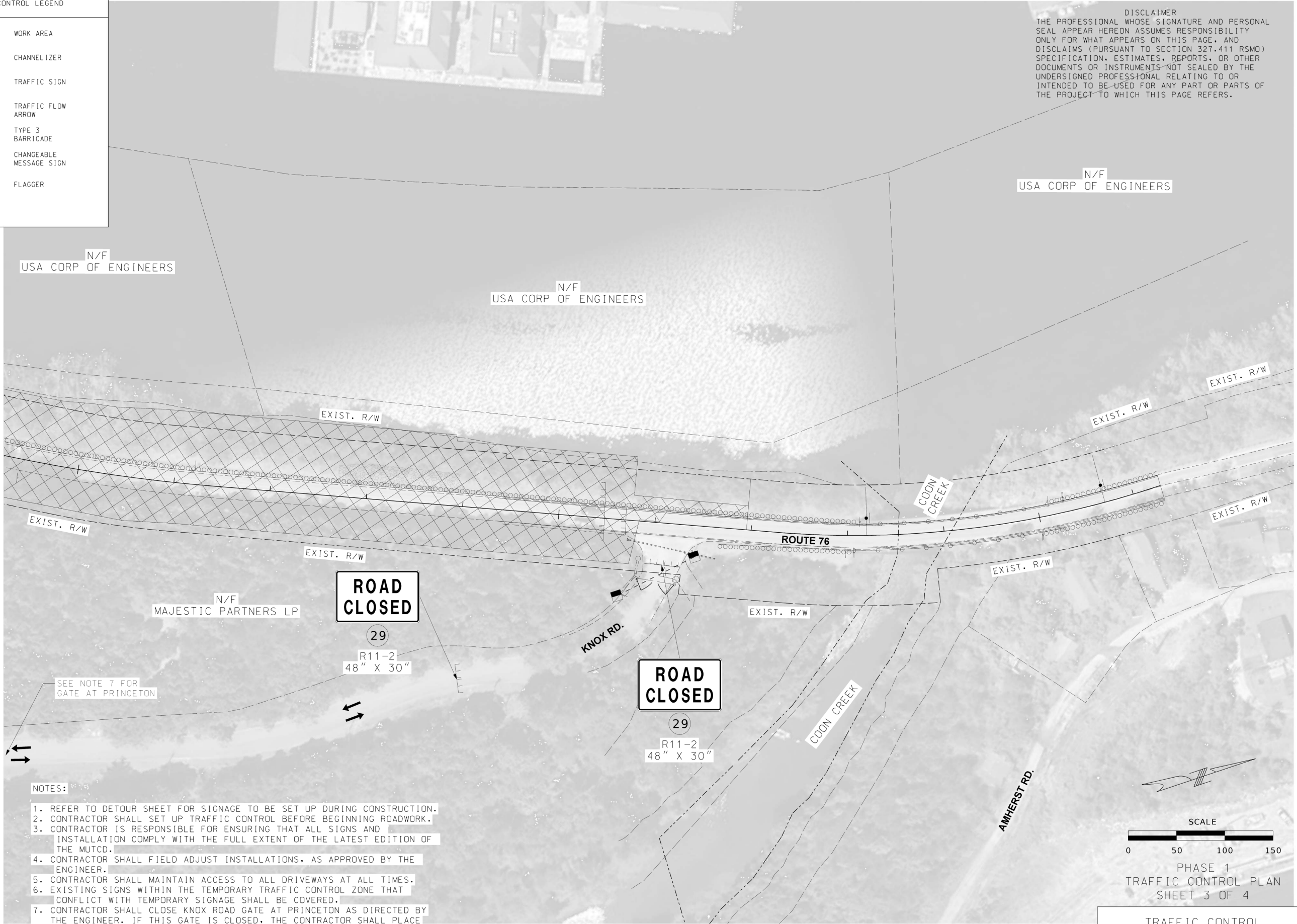
TRAFFIC SIGN

TRAFFIC FLOW ARROW

TYPE 3 BARRICADE

CHANGEABLE MESSAGE SIGN

FLAGGER



NOTES:

1. REFER TO DETOUR SHEET FOR SIGNAGE TO BE SET UP DURING CONSTRUCTION.
2. CONTRACTOR SHALL SET UP TRAFFIC CONTROL BEFORE BEGINNING ROADWORK.
3. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SIGNS AND INSTALLATION COMPLY WITH THE FULL EXTENT OF THE LATEST EDITION OF THE MUTCD.
4. CONTRACTOR SHALL FIELD ADJUST INSTALLATIONS, AS APPROVED BY THE ENGINEER.
5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.
6. EXISTING SIGNS WITHIN THE TEMPORARY TRAFFIC CONTROL ZONE THAT CONFLICT WITH TEMPORARY SIGNAGE SHALL BE COVERED.
7. CONTRACTOR SHALL CLOSE KNOX ROAD GATE AT PRINCETON AS DIRECTED BY THE ENGINEER. IF THIS GATE IS CLOSED, THE CONTRACTOR SHALL PLACE BARRICADES AND ADVANCE WARNING SIGNS FOR KNOX ROAD CLOSURE.

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DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 16
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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PHASE 1
TRAFFIC CONTROL PLAN
SHEET 3 OF 4

TRAFFIC CONTROL
SHEET 4 OF 14

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

TRAFFIC CONTROL LEGEND

WORK AREA

CHANNELIZER

TRAFFIC SIGN

TRAFFIC FLOW ARROW

TYPE 3 BARRICADE

CHANGEABLE MESSAGE SIGN

FLAGGER

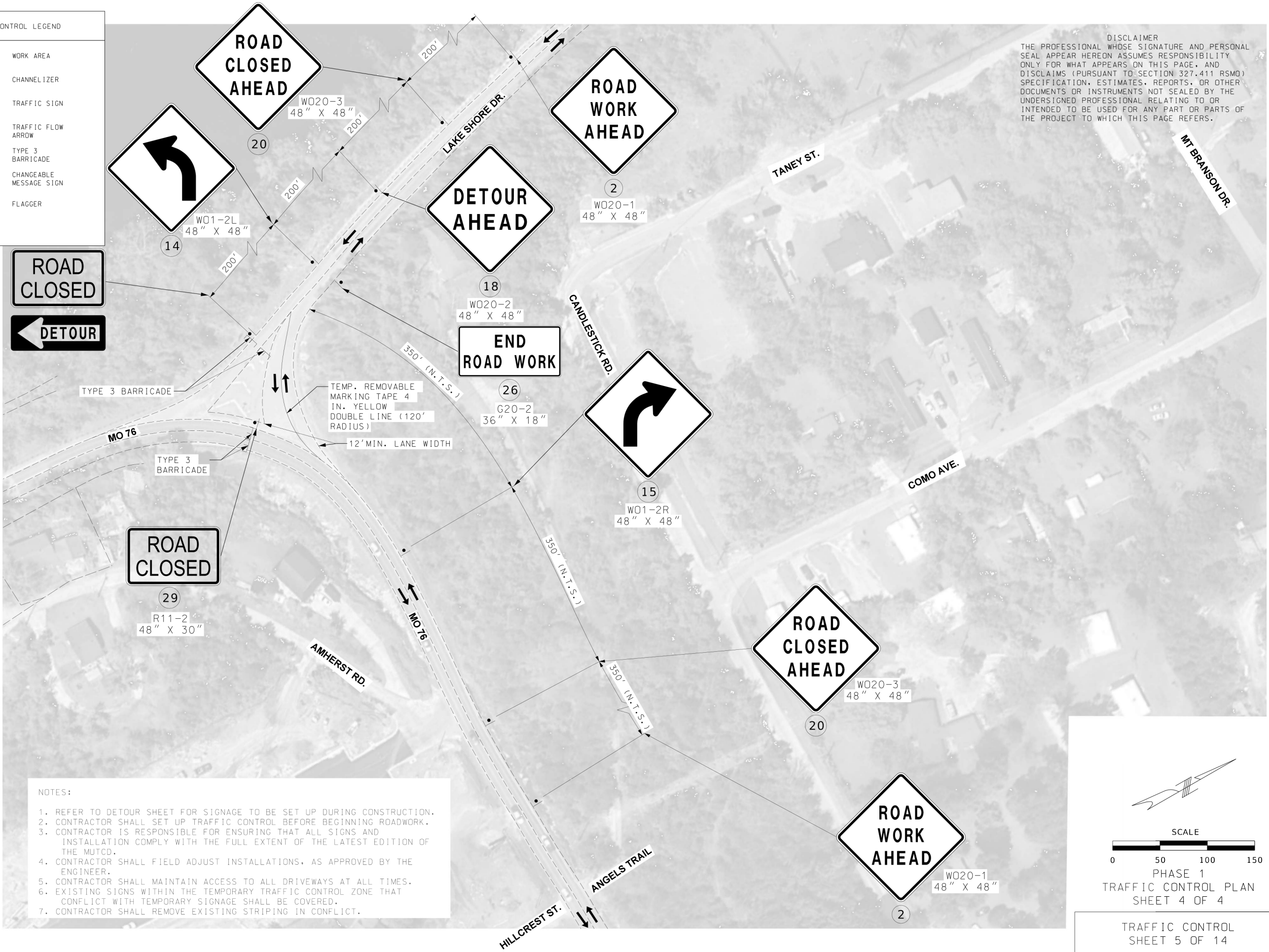
- 29

R11-2

48" X 30"
- 17

MO4-10L

48" X 18"



- NOTES:
1.

REFER TO DETOUR SHEET FOR SIGNAGE TO BE SET UP DURING CONSTRUCTION.
2.

CONTRACTOR SHALL SET UP TRAFFIC CONTROL BEFORE BEGINNING ROADWORK.
3.

CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SIGNS AND INSTALLATION COMPLY WITH THE FULL EXTENT OF THE LATEST EDITION OF THE MUTCD.
4.

CONTRACTOR SHALL FIELD ADJUST INSTALLATIONS, AS APPROVED BY THE ENGINEER.
5.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.
6.

EXISTING SIGNS WITHIN THE TEMPORARY TRAFFIC CONTROL ZONE THAT CONFLICT WITH TEMPORARY SIGNAGE SHALL BE COVERED.
7.

CONTRACTOR SHALL REMOVE EXISTING STRIPING IN CONFLICT.

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DATE PREPARED		11/5/2025
ROUTE	STATE	76 MO
DISTRICT	SHEET NO.	SW 17
COUNTY		TANEY
JOB NO.		JSR0326
CONTRACT ID.		
PROJECT NO.		
BRIDGE NO.		

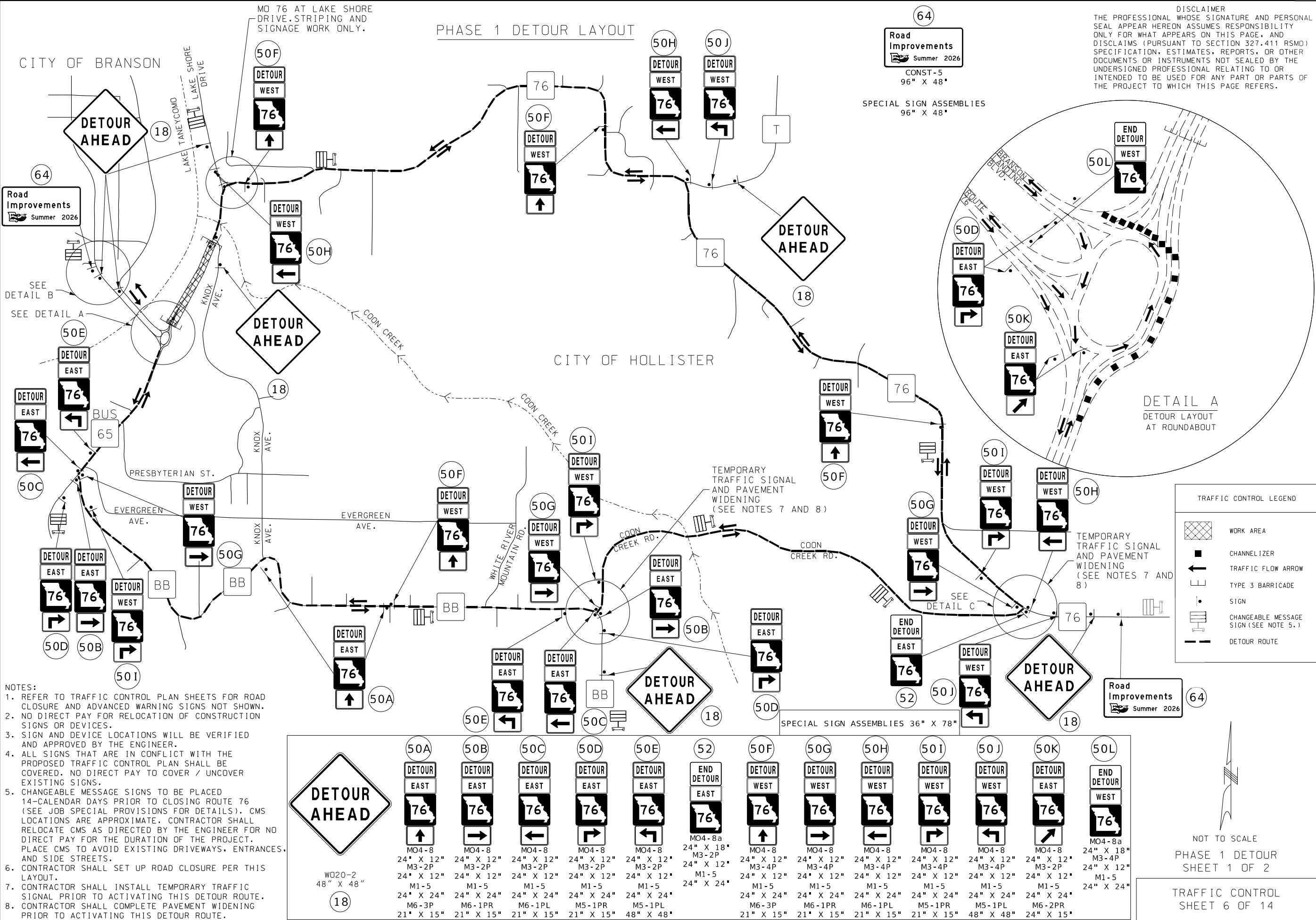
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STATE OF MISSOURI
DENNIS J.
KOSCIELSKI
NUMBER
PE-2005000712
PROFESSIONAL ENGINEER

DATE PREPARED	
11/5/2025	
ROUTE	STATE
76	MO
DISTRICT	SHEET NO.
SW	19
COUNTY	
TANEY	
JOB NO.	
JSR0326	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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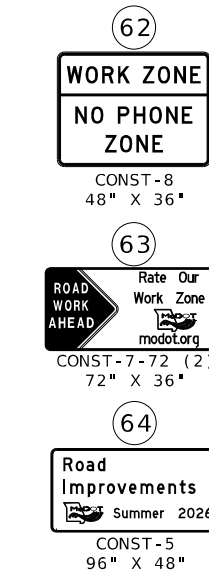
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REVIEWED	DK	10/2025

- NOTES:
1. REFER TO TRAFFIC CONTROL PLAN SHEETS FOR ROAD CLOSURE AND ADVANCED WARNING SIGNS NOT SHOWN.
 2. NO DIRECT PAY FOR RELOCATION OF CONSTRUCTION SIGNS OR DEVICES.
 3. SIGN AND DEVICE LOCATIONS WILL BE VERIFIED AND APPROVED BY THE ENGINEER.
 4. ALL SIGNS THAT ARE IN CONFLICT WITH THE PROPOSED TRAFFIC CONTROL PLAN SHALL BE COVERED. NO DIRECT PAY TO COVER / UNCOVER EXISTING SIGNS.
 5. CHANGEABLE MESSAGE SIGNS TO BE PLACED 14-CALENDAR DAYS PRIOR TO CLOSING ROUTE 76 (SEE JOB SPECIAL PROVISIONS FOR DETAILS).
 6. CONTRACTOR SHALL SET UP ROAD CLOSURE PER THIS LAYOUT.
 7. CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC SIGNAL PRIOR TO ACTIVATING THIS DETOUR ROUTE.
 8. CONTRACTOR SHALL COMPLETE PAVEMENT WIDENING PRIOR TO ACTIVATING THIS DETOUR ROUTE.



NOT TO SCALE				SPECIAL SIGN ASSEMBLIES 36" X 78"				NOT TO SCALE					
 WD20-2 48" X 48" (18)	50A  MO4-8 24" X 12" M3-2P 24" X 12" M1-5 24" X 24" M6-3P 21" X 15"	50B  MO4-8 24" X 12" M3-2P 24" X 12" M1-5 24" X 24" M6-1PR 21" X 15"	50C  MO4-8 24" X 12" M3-2P 24" X 12" M1-5 24" X 24" M6-1PL 21" X 15"	50D  MO4-8 24" X 12" M3-2P 24" X 12" M1-5 24" X 24" M5-1PR 21" X 15"	50E  MO4-8 24" X 12" M3-2P 24" X 12" M1-5 24" X 24" M5-1PL 48" X 48"	52  MO4-8a 24" X 18" M3-2P 24" X 12" M1-5 24" X 24"	50F  MO4-8 24" X 12" M3-4P 24" X 12" M1-5 24" X 24" M6-3P 21" X 15"	50G  MO4-8 24" X 12" M3-4P 24" X 12" M1-5 24" X 24" M6-1PR 21" X 15"	50H  MO4-8 24" X 12" M3-4P 24" X 12" M1-5 24" X 24" M6-1PL 21" X 15"	50I  MO4-8 24" X 12" M3-4P 24" X 12" M1-5 24" X 24" M5-1PR 21" X 15"	50J  MO4-8 24" X 12" M3-4P 24" X 12" M1-5 24" X 24" M5-1PL 48" X 48"	50K  MO4-8 24" X 12" M3-2P 24" X 12" M1-5 24" X 24"	50L  MO4-8 24" X 12" M3-4P 24" X 12" M1-5 24" X 24"



SPECIAL SIGN ASSEMBLIES
96" X 48"

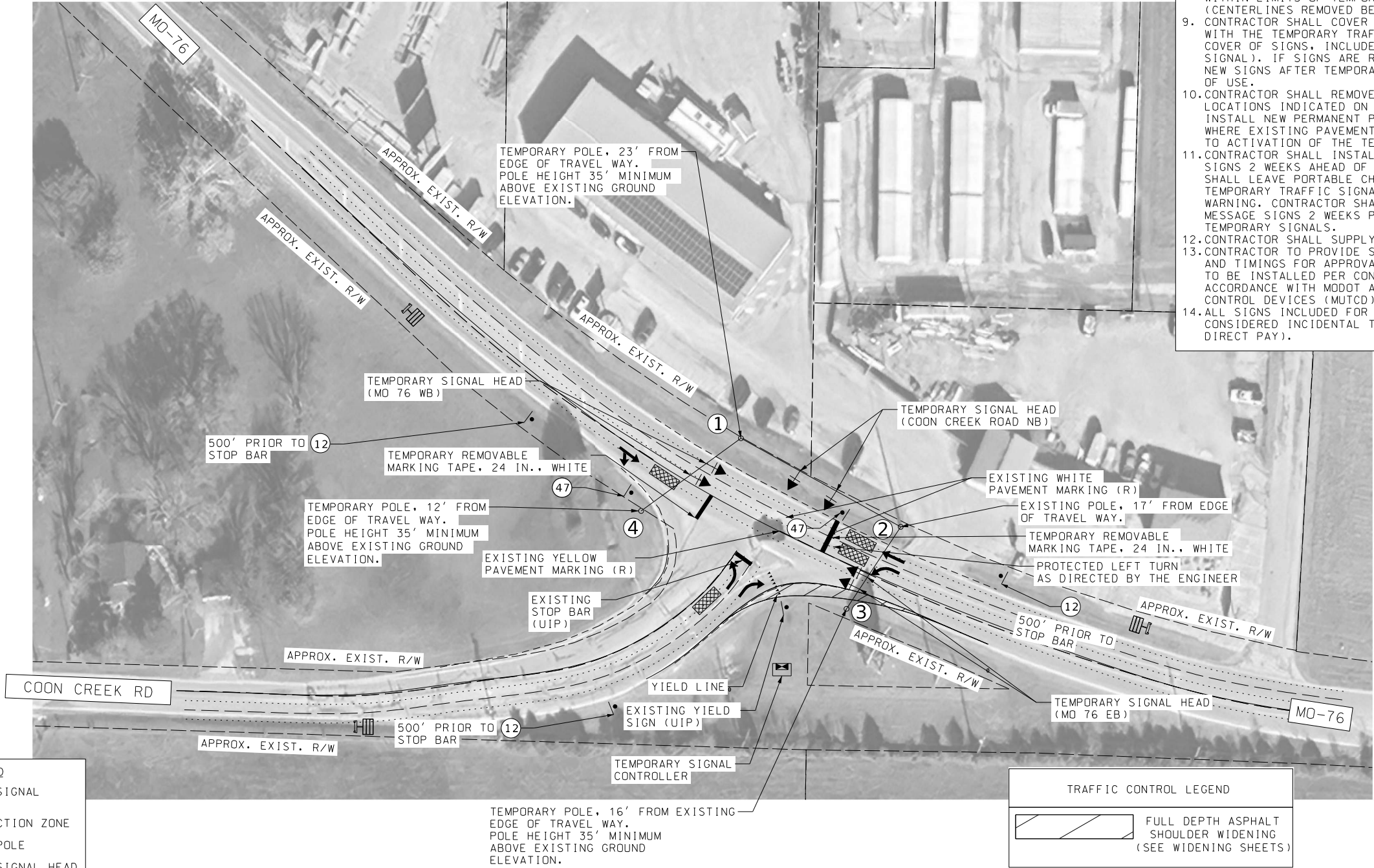


NOT TO SCALE
PHASE 1 DETOUR
SHEET 2 OF 2

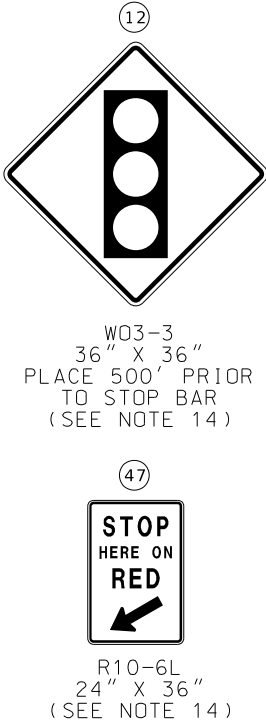
TRAFFIC CONTROL
SHEET 7 OF 14

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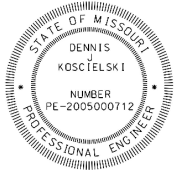
NOT TO SCALE



- NOTES:
1. CONTRACTOR SHALL LOCATE AND INSTALL 3 TEMPORARY POLES NEAR LOCATIONS INDICATED ON PLANS. LOCATION SHOULD AVOID EXISTING UTILITIES AND OTHER FEATURES.
 2. CONTRACTOR SHALL INSTALL TEMPORARY POLES AND SIGNAL EQUIPMENT PRIOR TO ACTIVATION OF THE DETOUR ROUTE.
 3. CONTRACTOR SHALL INSTALL CONTROLLER OUTSIDE THE WORK AREA.
 4. CONTRACTOR SHALL COORDINATE POWER CONNECTIONS AND PAYMENT WITH UTILITY COMPANY.
 5. CONTRACTOR SHALL INSTALL SPAN WIRE BETWEEN EACH POLE.
 6. CONTRACTOR SHALL INSTALL SIGNAL HEADS PER CONTRACTOR DESIGN. HEADS SHOWN ON PLANS ARE FOR INFORMATION ONLY.
 7. TEMPORARY SIGNAL EQUIPMENT SHALL REMAIN FOR THE ENTIRE DURATION THAT THE DETOUR ROUTE IS ACTIVE.
 8. CONTRACTOR SHALL REMOVE CENTERLINE STRIPING ON MO76 WITHIN LIMITS OF TEMPORARY SIGNAL INTERSECTION (CENTERLINES REMOVED BETWEEN ALL STOP BARS).
 9. CONTRACTOR SHALL COVER OR REMOVE ALL SIGNS IN CONFLICT WITH THE TEMPORARY TRAFFIC SIGNAL (NO DIRECT PAY FOR COVER OF SIGNS, INCLUDED IN COST OF TEMPORARY TRAFFIC SIGNAL). IF SIGNS ARE REMOVED, CONTRACTOR SHALL INSTALL NEW SIGNS AFTER TEMPORARY TRAFFIC SIGNAL IS TAKEN OUT OF USE.
 10. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS AT LOCATIONS INDICATED ON PLANS. THE CONTRACTOR SHALL INSTALL NEW PERMANENT PAVEMENT MARKINGS AT LOCATIONS WHERE EXISTING PAVEMENT MARKINGS WERE REMOVED PRIOR TO ACTIVATION OF THE TEMPORARY TRAFFIC SIGNALS.
 11. CONTRACTOR SHALL INSTALL PORTABLE CHANGEABLE MESSAGE SIGNS 2 WEEKS AHEAD OF SIGNAL ACTIVATION. CONTRACTOR SHALL LEAVE PORTABLE CHANGEABLE MESSAGE SIGNS DURING TEMPORARY TRAFFIC SIGNAL OPERATIONS FOR ADDITIONAL WARNING. CONTRACTOR SHALL REMOVE PORTABLE CHANGEABLE MESSAGE SIGNS 2 WEEKS PRIOR TO DEACTIVATION OF THE TEMPORARY SIGNALS.
 12. CONTRACTOR SHALL SUPPLY POWER, SOLAR OR HARDWIRE.
 13. CONTRACTOR TO PROVIDE SIGNED/SEALED SIGNAL PHASING AND TIMINGS FOR APPROVAL OF THE ENGINEER. SIGNAL HEADS TO BE INSTALLED PER CONTRACTOR DESIGN AND SHALL BE IN ACCORDANCE WITH MODOT AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REQUIREMENTS.
 14. ALL SIGNS INCLUDED FOR TEMPORARY TRAFFIC SIGNAL ARE CONSIDERED INCIDENTAL TO TEMPORARY TRAFFIC SIGNALS (NO DIRECT PAY).



NOT TO SCALE
MO 76 AND COON CREEK RD
TEMPORARY TRAFFIC SIGNAL
TRAFFIC CONTROL
SHEET 8 OF 14



DATE PREPARED
11/5/2025
ROUTE 76 STATE MO
DISTRICT SW SHEET NO. 20
COUNTY TANEY
JOB NO. JSR0326
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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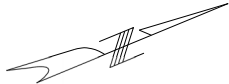
LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED		

LAYOUT	CE	10/2025
DRAWN	CE	
REVIEWED		

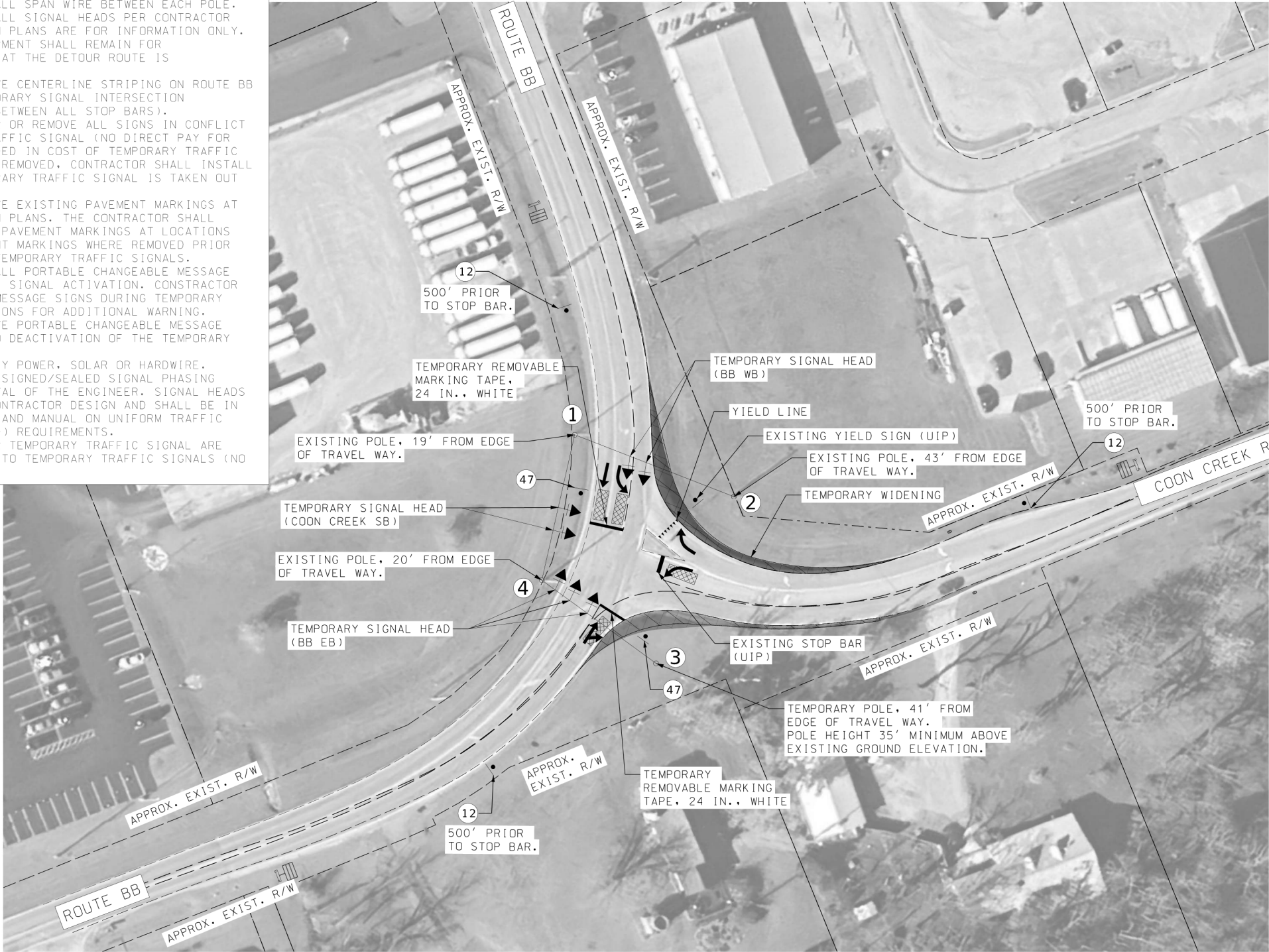
NOTES:

1. CONTRACTOR SHALL LOCATE AND INSTALL 1 TEMPORARY POLE NEAR LOCATION INDICATED ON PLANS. LOCATION SHOULD AVOID EXISTING UTILITIES AND OTHER FEATURES
2. CONTRACTOR SHALL INSTALL TEMPORARY POLES AND SIGNAL EQUIPMENT PRIOR TO ACTIVATION OF THE DETOUR ROUTE.
3. CONTRACTOR SHALL INSTALL CONTROLLER OUTSIDE THE WORK AREA.
4. CONTRACTOR SHALL COORDINATE POWER CONNECTIONS AND PAYMENT WITH UTILITY COMPANY.
5. CONTRACTOR SHALL INSTALL SPAN WIRE BETWEEN EACH POLE.
6. CONTRACTOR SHALL INSTALL SIGNAL HEADS PER CONTRACTOR DESIGN. HEADS SHOWN ON PLANS ARE FOR INFORMATION ONLY.
7. TEMPORARY SIGNAL EQUIPMENT SHALL REMAIN FOR THE ENTIRE DURATION THAT THE DETOUR ROUTE IS ACTIVE.
8. CONTRACTOR SHALL REMOVE CENTERLINE STRIPING ON ROUTE BB WITHIN LIMITS OF TEMPORARY SIGNAL INTERSECTION (CENTERLINES REMOVED BETWEEN ALL STOP BARS).
9. CONTRACTOR SHALL COVER OR REMOVE ALL SIGNS IN CONFLICT WITH THE TEMPORARY TRAFFIC SIGNAL (NO DIRECT PAY FOR COVER OF SIGNS, INCLUDED IN COST OF TEMPORARY TRAFFIC SIGNAL). IF SIGNS ARE REMOVED, CONTRACTOR SHALL INSTALL NEW SIGNS AFTER TEMPORARY TRAFFIC SIGNAL IS TAKEN OUT OF USE.
10. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS AT LOCATIONS INDICATED ON PLANS. THE CONTRACTOR SHALL INSTALL NEW PERMANENT PAVEMENT MARKINGS AT LOCATIONS WHERE EXISTING PAVEMENT MARKINGS WERE REMOVED PRIOR TO ACTIVATION OF THE TEMPORARY TRAFFIC SIGNALS.
11. CONTRACTOR SHALL INSTALL PORTABLE CHANGEABLE MESSAGE SIGNS 2 WEEKS AHEAD OF SIGNAL ACTIVATION. CONTRACTOR SHALL LEAVE PORTABLE MESSAGE SIGNS DURING TEMPORARY TRAFFIC SIGNAL OPERATIONS FOR ADDITIONAL WARNING. CONTRACTOR SHALL REMOVE PORTABLE CHANGEABLE MESSAGE SIGNS 2 WEEKS PRIOR TO DEACTIVATION OF THE TEMPORARY SIGNALS.
12. CONTRACTOR SHALL SUPPLY POWER, SOLAR OR HARDWIRE.
13. CONTRACTOR TO PROVIDE SIGNED/SEALED SIGNAL PHASING AND TIMINGS FOR APPROVAL OF THE ENGINEER. SIGNAL HEADS TO BE INSTALLED PER CONTRACTOR DESIGN AND SHALL BE IN ACCORDANCE WITH MODOT AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REQUIREMENTS.
14. ALL SIGNS INCLUDED FOR TEMPORARY TRAFFIC SIGNAL ARE CONSIDERED INCIDENTAL TO TEMPORARY TRAFFIC SIGNALS (NO DIRECT PAY).

LEGEND	
	TEMPORARY SIGNAL CONTROLLER
	VIDEO DETECTION ZONE
	TEMPORARY POLE
	TEMPORARY SIGNAL HEAD
	TRAFFIC FLOW ARROW
	TEMPORARY STOP BAR
	PORTABLE CHANGEABLE MESSAGE SIGN
	SIGN



NOT TO SCALE

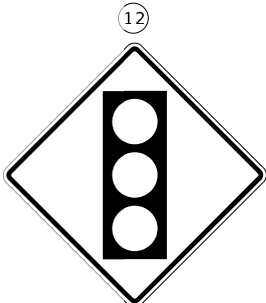


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DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 21
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.



W03-3
36" X 36"
PLACE 500' PRIOR
TO STOP BAR
(SEE NOTE 14)



R10-6L
24" X 36"
(SEE NOTE 14)

TRAFFIC CONTROL LEGEND

	FULL DEPTH ASPHALT SHOULDER WIDENING (SEE WIDENING SHEETS)
--	--

NOT TO SCALE

ROUTE BB AND COON CREEK RD
TEMPORARY TRAFFIC SIGNAL

TRAFFIC CONTROL
SHEET 9 OF 14

DESCRIPTION	DATE

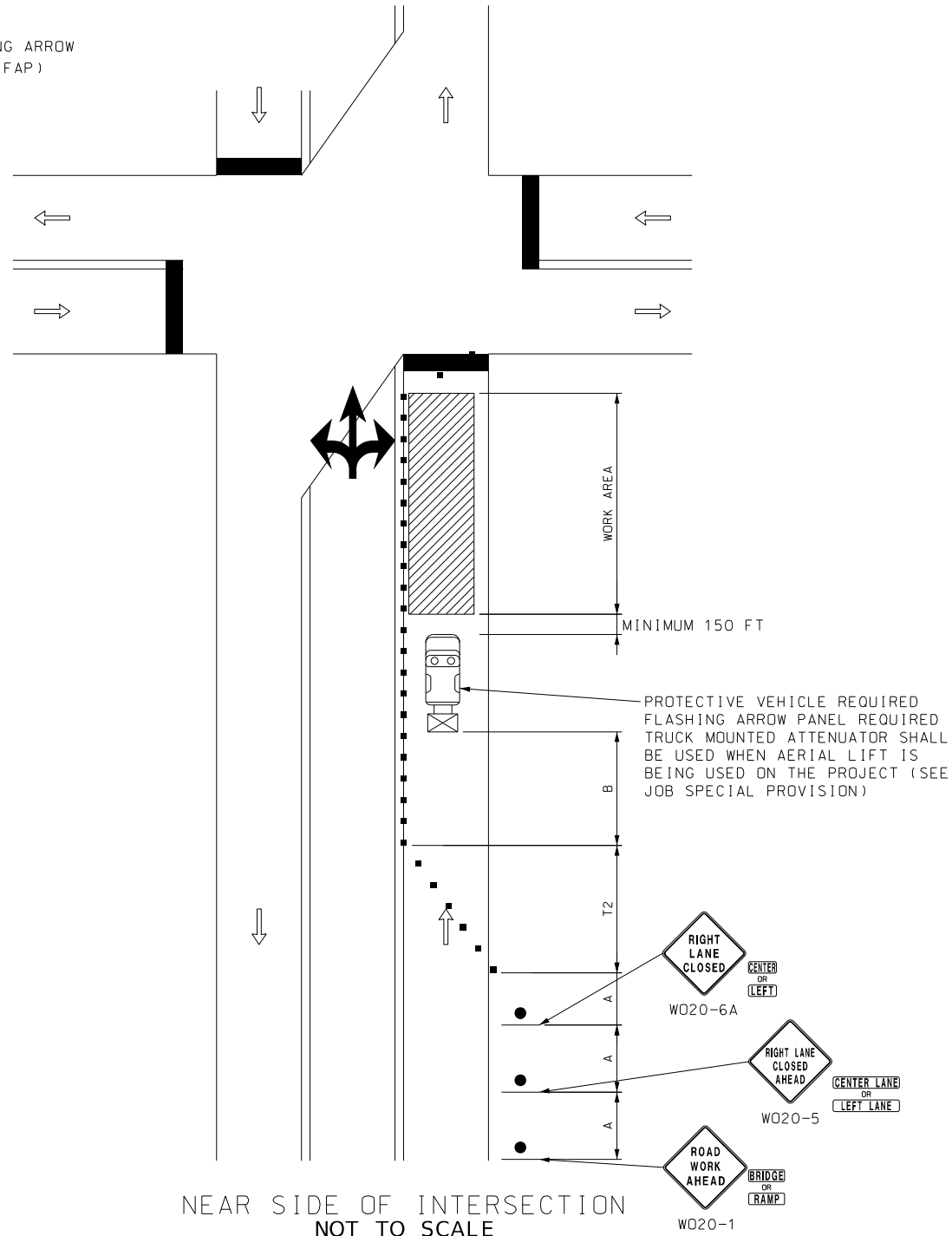
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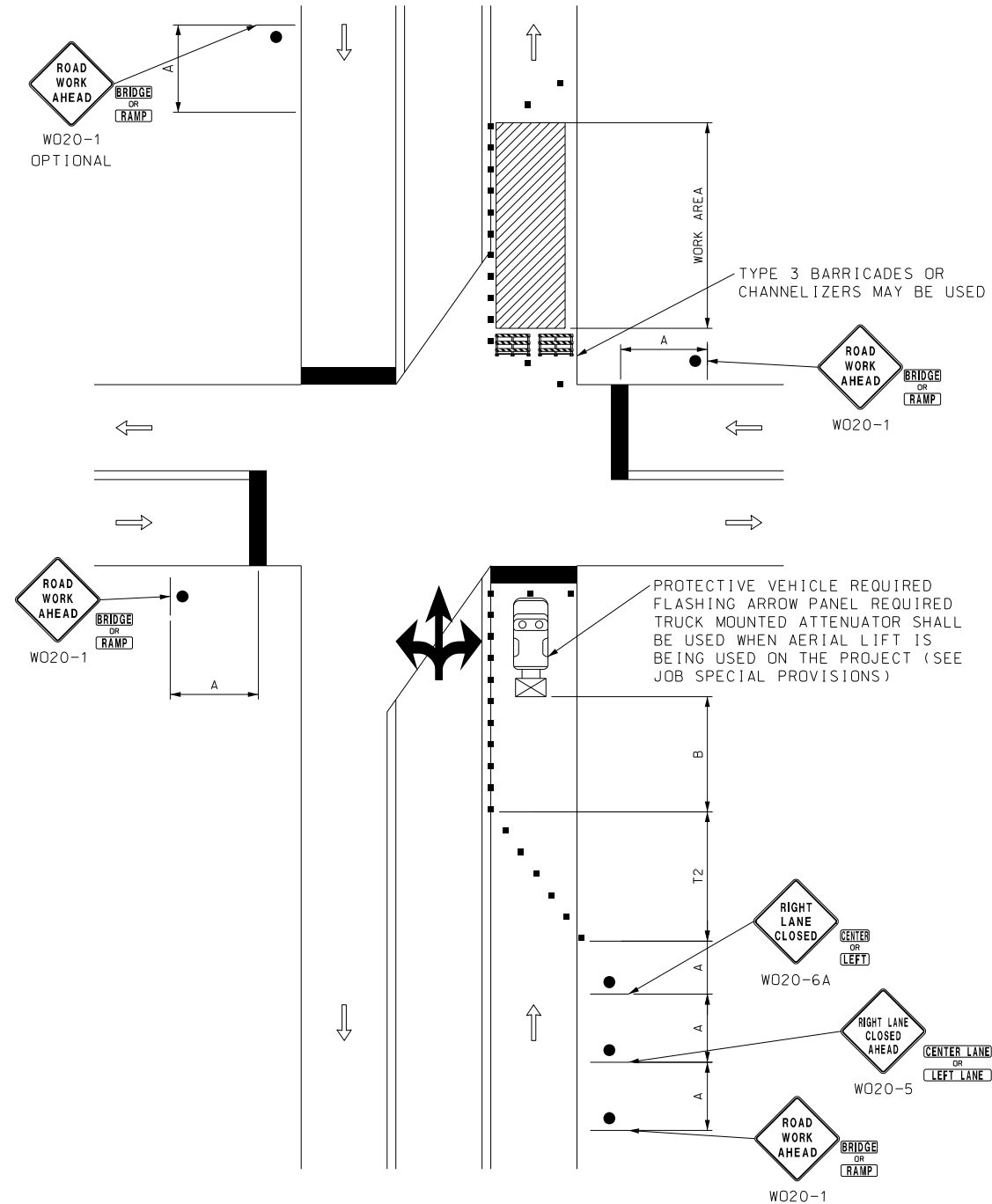
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	SIGN (SINGLE SIDED)		TYPE 3 BARRICADE
	WORK AREA		TURCK/TRAILER MOUNTED ATTENUATOR (TMA)
	CHANNELIZER		PROTECTIVE VEHICLE
	FLASHING ARROW PANEL (FAP)		

SPEED	SIGN SPACING (FT.)	TAPER LENGTH (FT.)		OPTIONAL	CHANNELIZER SPACING (FT.)	
TCP POSTED (MPH)	UNDIVIDED (A)	SHOULDER (T1)	LANE (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/WORK AREAS
0-45	350	150	540	360	40	80



NEAR SIDE OF INTERSECTION
NOT TO SCALE



FAR SIDE OF INTERSECTION
NOT TO SCALE

NOT TO SCALE

DATE PREPARED

11/5/2025

ROUTE	STATE
76	MO

DISTRICT	SHEET NO.
SW	22

COUNTY

TANEY

JOB NO.
10000000

JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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MOT LEGEND

	CONSTRUCTION AREA
	SIGN (SINGLE SIDED)
	MOVABLE BARRICADE
	CHANNELIZERS
	24" WHITE STOP BAR
	FLOW ARROW

1 MO 76 AND COON CREEK RD
TEMPORARY TRAFFIC SIGNAL. SEE
TRAFFIC CONTROL SHEET 8 OF 14.

2 ROUTE BB AND COON CREEK RD
TEMPORARY TRAFFIC SIGNAL. SEE
TRAFFIC CONTROL SHEET 9 OF 14.

NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SIGNS AND INSTALLATIONS COMPLY WITH THE FULL EXTENT OF THE LATEST EDITION OF THE M.U.T.C.D.

2. CONTRACTOR SHALL FIELD ADJUST INSTALLATIONS.
AS APPROVED BY THE ENGINEER.

3. REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.

5. WORK ZONE SIGNAGE AND TEMPORARY TRAFFIC CONTROL DEVICES NOT SHOWN WILL FOLLOW SECTION 616 OF THE MODOT STANDARD SPECIFICATIONS AND THE TYPICAL APPLICATIONS SHOWN IN PLANS.

6. EXISTING SIGNS WITHIN THE TEMPORARY TRAFFIC CONTROL ZONE THAT CONFLICT WITH TEMPORARY SIGNAGE SHALL BE COVERED.

7. EXISTING PAVEMENT MARKING IN CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED.

8. EXISTING STOP SIGNS IN CONFLICT WITH TEMPORARY STOP SIGNS SHALL BE COVERED.

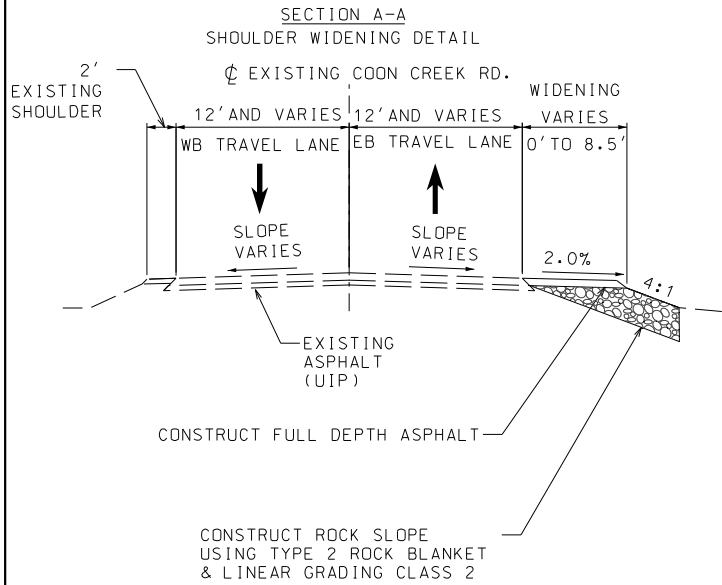
9. CONTRACTOR SHALL ADD TMAS WHEN WORKING ON TEMPORARY SIGNAL ON TRAVEL WAY.

10. COVER PERMANENT SIGNING IN CONFLICT WITH
WORK ZONE SIGNING. FOR SIGNING REMOVAL
SEE SIGNAGE PLANS.

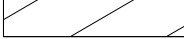
STATIONARY RIGHT LANE CLOSURE AT AN INTERSECTION

TRAFFIC CONTROL
SHEET 10 OF 14

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025



HMA DESIGN
10" HMA
2" SP125C w/ PG 70-22
OVER 2" SP125C w/ PG 70-22
OVER 6" SP190C OR SP250C
w/ PG 64-22
BASE TYPE
6" TYPE 1
AGGREGATE BASE

TRAFFIC CONTROL LEGEND
 SHOULDER WIDENING

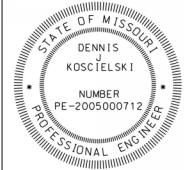
NOTES:

- ALL WORK SHALL REMAIN ON MODOT'S EXISTING RIGHT OF WAY. LIMITS TO BE ADJUSTED TO STAY WITHIN EXISTING RIGHT OF WAY.
- WORK TO BE CONSTRUCTED USING DAYTIME CLOSURES. SEE ONE LANE WITH FLAGGER DETAIL INCLUDED IN PLANS.
- NORTHING/EASTING COORDINATES ARE APPROXIMATE LOCATIONS WHERE WIDENING WILL OCCUR. ALL PAVEMENT WIDENING ADJUSTMENT LIMITS SHALL STAY WITHIN EXISTING RIGHT OF WAY. ANY ADJUSTMENT SHALL BE APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL DETERMINE THE EXISTING ROW FOR ALL WORK AT THIS INTERSECTION. CONTRACTOR SHALL STAKE THE LIMITS OF EXISTING RIGHT OF WAY AND CONDUCT A PRECONSTRUCTION MEETING WITH THE ENGINEER FOR THIS INTERSECTION. AT THE PRECONSTRUCTION MEETING THE LIMITS OF WIDENING WILL BE DETERMINED BY THE ENGINEER. WIDENING SHALL ONLY BE COMPLETED ON MODOT RIGHT OF WAY. NO WIDENING SHALL BE COMPLETED ON COUNTY OR CITY RIGHT OF WAY.



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ROUTE	76
DISTRICT	SW
STATE	MO
SHEET NO.	23
COUNTY	TANEY
JOB NO.	JSR0326
CONTRACT ID.	

PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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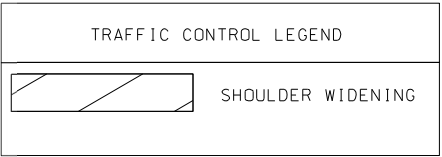
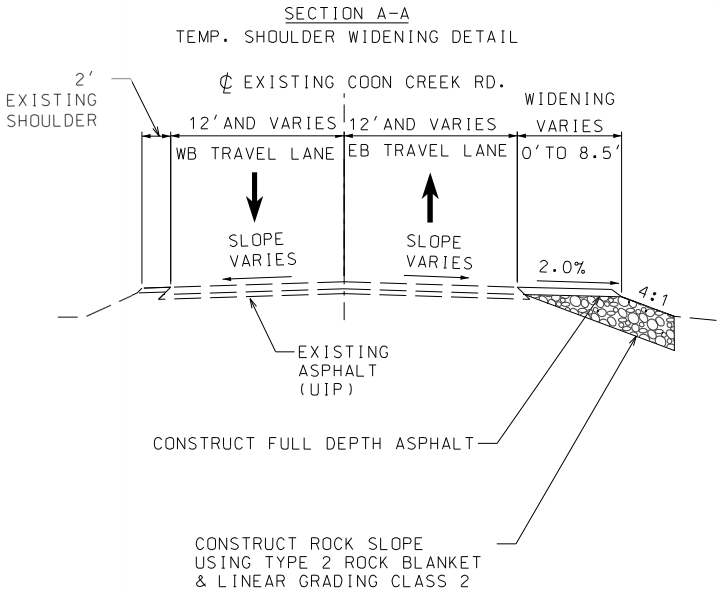
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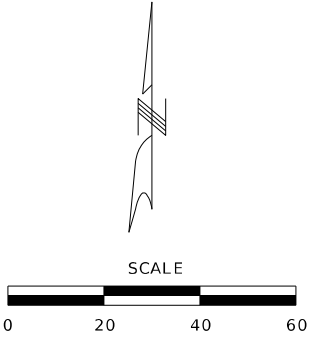
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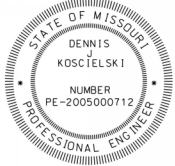


- NOTES:
- ALL WORK SHALL REMAIN ON MODOT'S EXISTING RIGHT OF WAY. LIMITS TO BE ADJUSTED TO STAY WITHIN EXISTING RIGHT OF WAY.
 - WORK TO BE CONSTRUCTED USING DAYTIME CLOSURES. SEE ONE LANE WITH FLAGGER DETAIL INCLUDED IN PLANS.
 - NORTHING/EASTING COORDINATES ARE APPROXIMATE LOCATIONS WHERE WIDENING WILL OCCUR. ALL PAVEMENT WIDENING ADJUSTMENT LIMITS SHALL STAY WITHIN EXISTING RIGHT OF WAY. ANY ADJUSTMENT SHALL BE APPROVED BY THE ENGINEER.
 - CONTRACTOR SHALL DETERMINE THE EXISTING ROW FOR ALL WORK AT THIS INTERSECTION. CONTRACTOR SHALL STAKE THE LIMITS OF EXISTING RIGHT OF WAY AND CONDUCT A PRECONSTRUCTION MEETING WITH THE ENGINEER FOR THIS INTERSECTION. AT THE PRECONSTRUCTION MEETING THE LIMITS OF WIDENING WILL BE DETERMINED BY THE ENGINEER. WIDENING SHALL ONLY BE COMPLETED ON MODOT RIGHT OF WAY. NO WIDENING SHALL BE COMPLETED ON COUNTY OR CITY RIGHT OF WAY.



DETOUR TEMPORARY WIDENING
COON CREEK RD. AND ROUTE BB

TRAFFIC CONTROL
SHEET 12 OF 14



DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 24
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

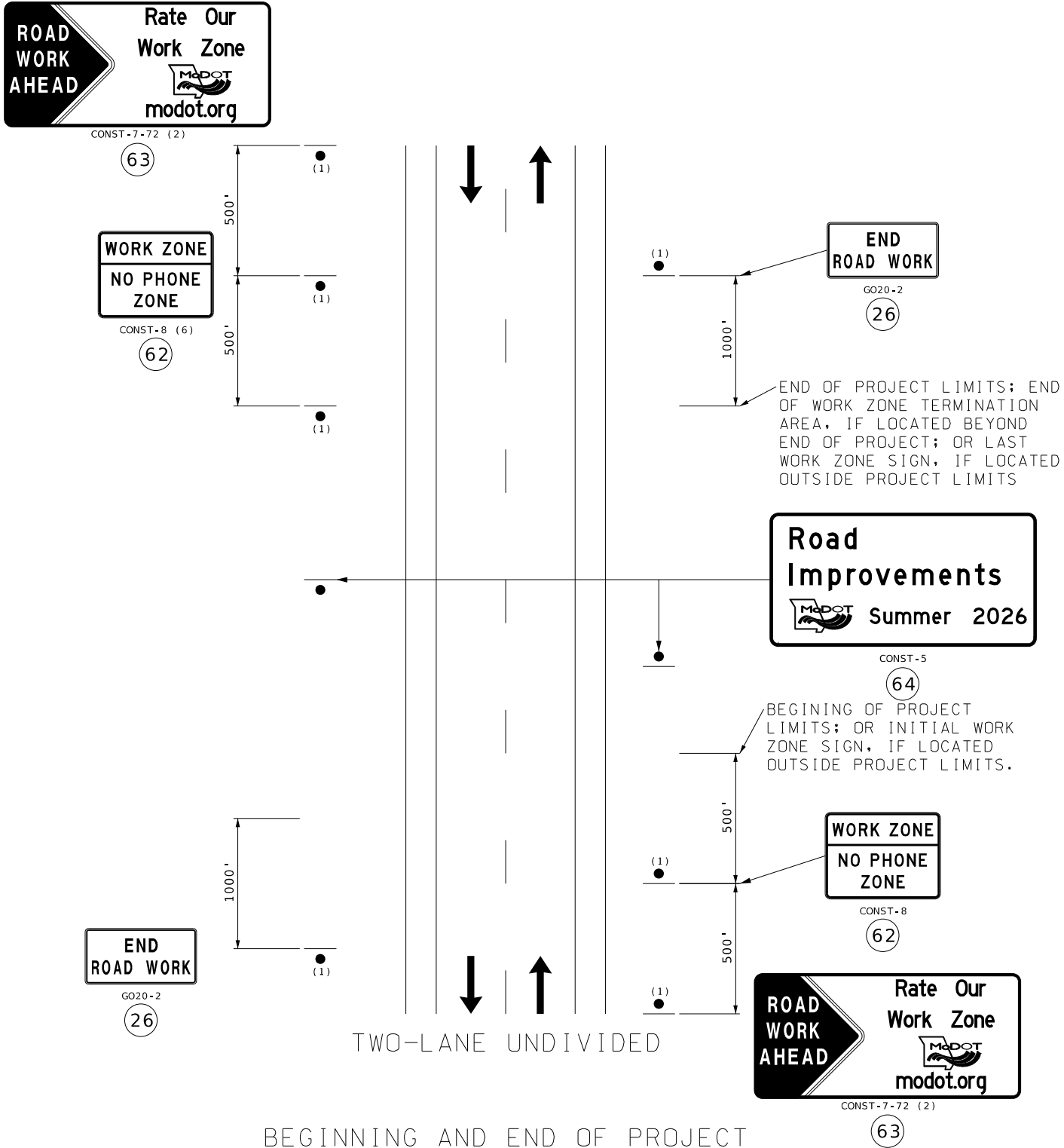
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BEGINNING AND END OF PROJECT
FOR POSTED SPEED 55 MPH
TO REMAIN IN PLACE THROUGH DURATION OF ALL PROJECTS
MO 76

- NOTES:
- OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE OF PROJECT LIMITS.
- ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- (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) SIGN CONST-7-72 OR CONST-7-48 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.
- (3) CONST-5-96 OR CONST-5-48 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72 OR CONST-7-48.
- (4) THE "RATE OUR WORK ZONE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 24 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS. ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS IN URBAN AREAS WHERE THERE IS INSUFFICIENT RIGHT OF WAY FOR A SIX FOOT WIDE SIGN. THE 72 IN. X 36 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. X 24 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.
- (5) THE "POINT OF PRESENCE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 36 IN. 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 RIGHT OF WAY FOR AN EIGHT FOOT WIDE SIGN. THE 96 IN. X 48 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. X 36 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.
- (6) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.



DATE PREPARED
11/5/2025
ROUTE 76 STATE MO
DISTRICT SW SHEET NO. 25
COUNTY TANEY
JOB NO. JSR0326
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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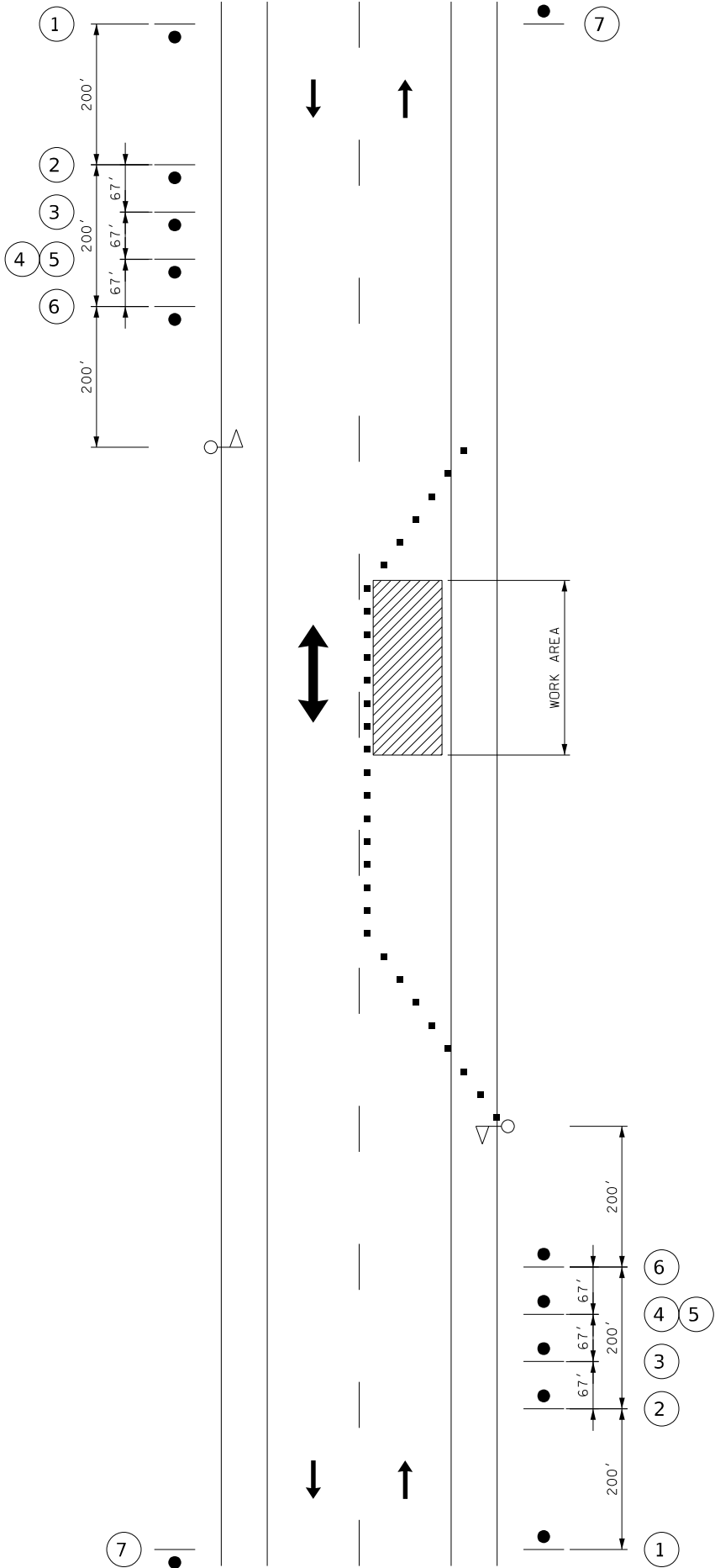
NOT TO SCALE

PROJECT SIGNS

TRAFFIC CONTROL
SHEET 13 OF 14

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

LAYOUT	GE	09/2025
DRAWN	GE	09/2025
REVIEWED	DDK	09/2025



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- WORK ZONE
- CHANNELIZER
- FLAGGER

NOTES:

THIS DETAIL MAY ALSO BE APPLIED WITH AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD), PORTABLE SIGNAL FLAGGING DEVICES (PFSD), AND TRAFFIC CONTROL SIGNALS PER APPROVAL OF ENGINEER.

W03-5 SIGN SHALL BE APPLIED IN ALL LOCATIONS WHERE THE APPROVED SPEED REDUCTION IS GREATER THAN 10 MPH BELOW THE EXISTING OR POSTED SPEED LIMIT.

REDUCED SPEED LIMIT SIGNING SHALL BE COMPLETELY COVERED, REMOVED, OR TURNED FROM TRAFFIC WHEN ROAD CONDITIONS NO LONGER REQUIRE REDUCED SPEED.

THIS DETAIL PROVIDES LOCATION AND SEQUENCING FOR WORK ZONE SPEED LIMIT SIGNS. REFER TO APPROPRIATE TYPICAL APPLICATION FOR LOCATION AND SPACING OF ALL OTHER TEMPORARY TRAFFIC CONTROL AS REQUIRED.



W20-1
1

BRIDGE
OR
RAMP



W020-4
2



W03-5
3



R2-1
4
WORK ZONE
SPEED LIMIT



G020-5aP
5



W020-7a
6



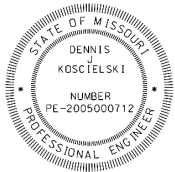
R2-1
7
POSTED
SPEED LIMIT

NOT TO SCALE

PROJECT SIGNS

TRAFFIC CONTROL
SHEET 14 OF 14

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DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 26
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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1-2 DI
STA. 183+27.87,
28.4' LT
PRECAST CONCRETE
DROP INLET 3FT X 2FT
ACTUAL DEPTH = 10.56 FT
PAY DEPTH = 11.00 FT
GRATE AND BEARING PLATE
(3FT. X 2FT.
OR 914.40MM X 609.60MM)
CLASS 3 EXCAVATION = 5.8 CY
CLASS 3 EXCAVATION
IN ROCK = 0.0 CY
D.A. = 3.47 AC; Q = 19.0 CFS

NOTE:
STATION, OFFSET, AND ELEVATIONS OF
STRUCTURES ARE GIVEN TO THE CENTER
OF THE STRUCTURE OR DOWNSTREAM END
OF FLARED END SECTIONS.

NOTES:
1. UNLESS OTHERWISE LABELED, PROP.
GROUND TO MATCH EXIST. GROUND.

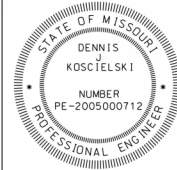
CULVERTS SECTION SHEETS
SHEET 1 OF 4



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DATE PREPARED	
11/5/2025	
ROUTE	STATE
76	MO
DISTRICT	SHEET NO
SW	31
COUNTY	
TANEY	
JOB NO.	
JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

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CULVERTS SECTION SHEETS
SHEET 3 OF 4

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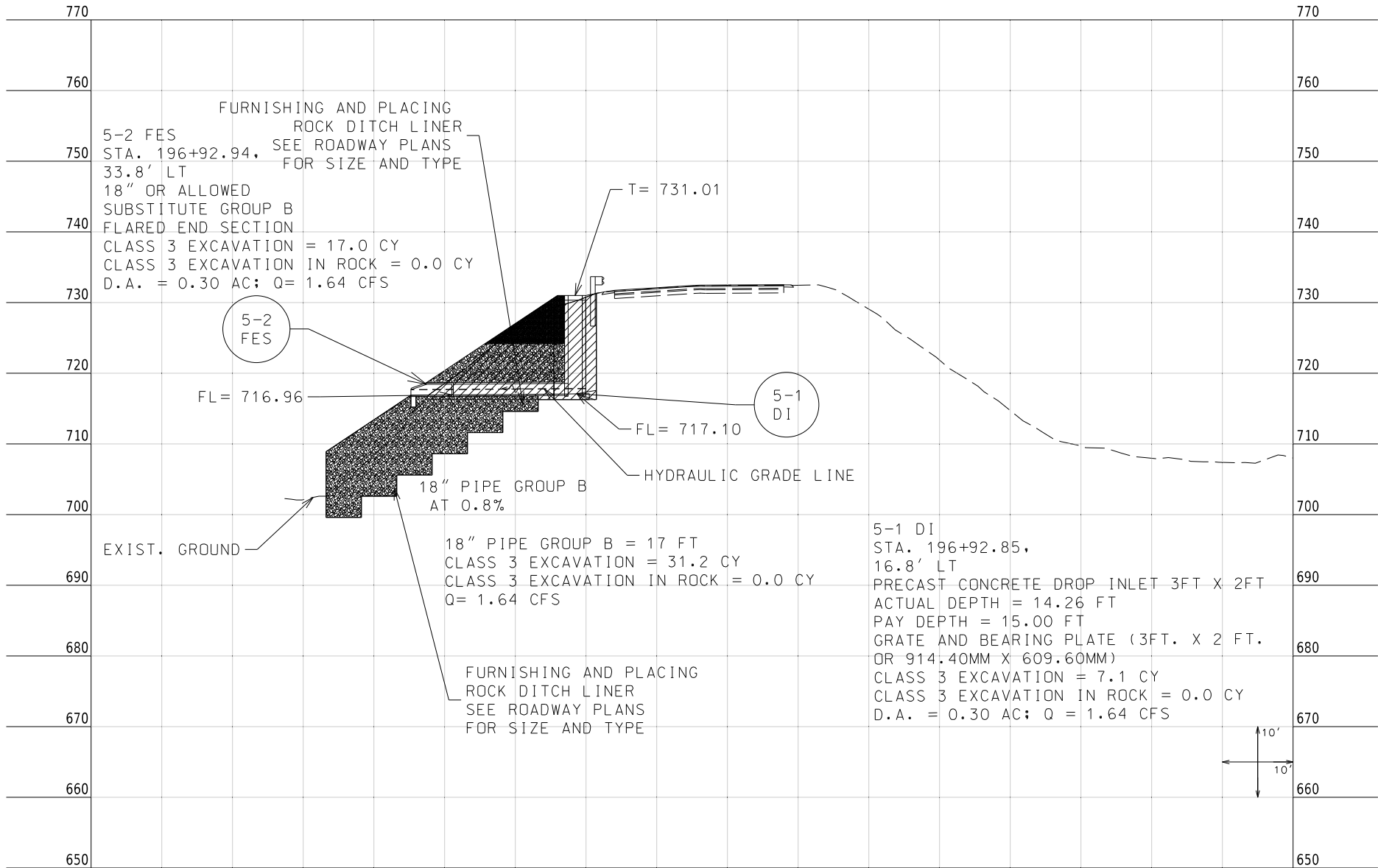
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NOTE:
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CULVERTS SECTION SHEETS
SHEET 4 OF 4

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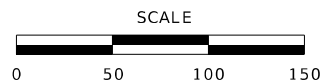
4" DSY = 4" DOUBLE YELLOW CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS).

4" SW = 4" SOLID WHITE LINE CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS).

6" 1W = 6" INTERMITTENT WHITE LINE (10 FT LINE, 30 FT GAPS), ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT.

12" DW = 12" DOTTED WHITE LINE (12 FT. WIDE, 3 FT LINE, 9 FT GAPS), ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT.

6" SW = 6" SOLID WHITE LINE ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT.



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PAVEMENT MARKING & SIGNING SHEETS
SHEET 1 OF 11



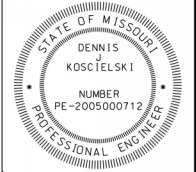
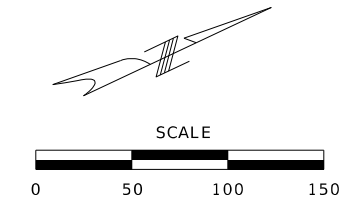
4" DSY = 4" DOUBLE YELLOW CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS).

4" SW = 4" SOLID WHITE LINE CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS

6" IW = 6" INTERMITTENT WHITE LINE (10 FT LINE, 30 FT GAPS), ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT.

6" DW = 6" DOTTED WHITE LINE (2 FT LINE, 6 FT GAPS), ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT.

6" SW = 6" SOLID WHITE LINE ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT.



DATE PREPARED	
11/5/2025	
ROUTE	STATE
76	MO
DISTRICT	SHEET NO.
SW	34
COUNTY	
TANEY	
JOB NO.	
JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

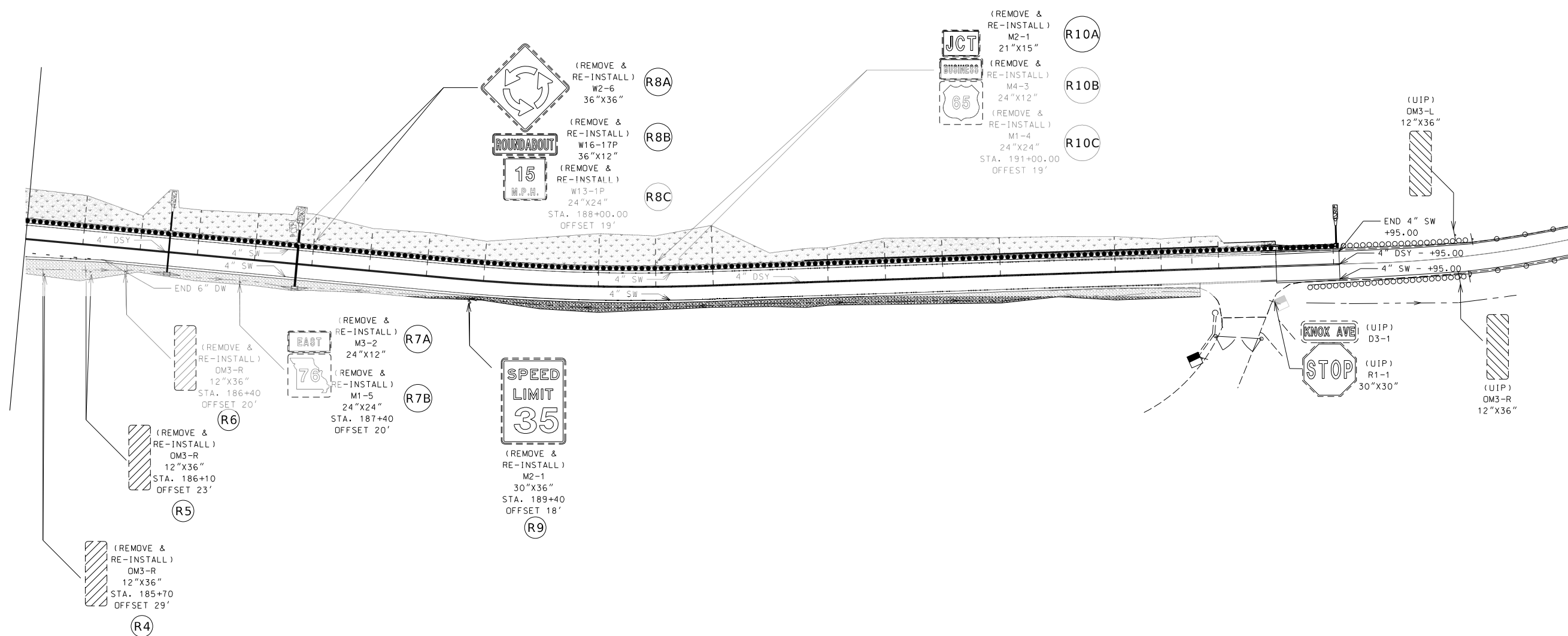
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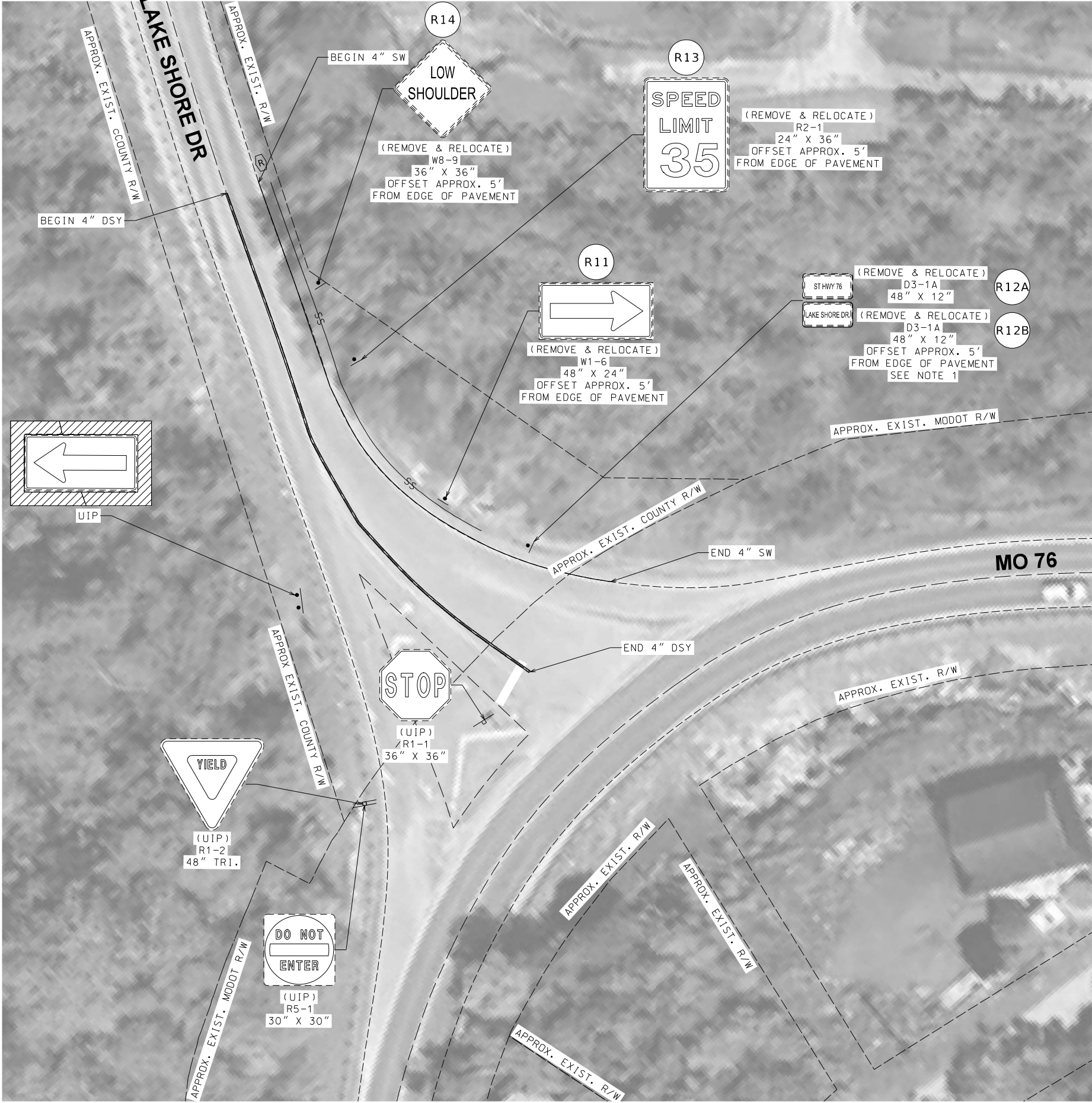
PAVEMENT MARKING & SIGNING SHEETS
SHEET 2 OF 11

LAYOUT	CE	10/2025
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NOTES:
1. WIDTH OF SIGNS ARE UNKNOWN.
ASSUMED TO BE 48-INCHES FOR
CALCULATION PURPOSES.



PAVEMENT MARKING LEGEND
4" DSY = 4" DOUBLE YELLOW CLASS 1
PAVEMENT MARKING PAINT
(18-MIL. TYPE P BEADS).

4" SW = 4" SOLID WHITE CLASS 1
PAVEMENT MARKING PAINT
(18-MIL. TYPE P BEADS).



DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 35
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

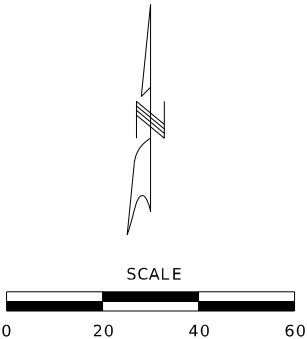
DESCRIPTION	DATE

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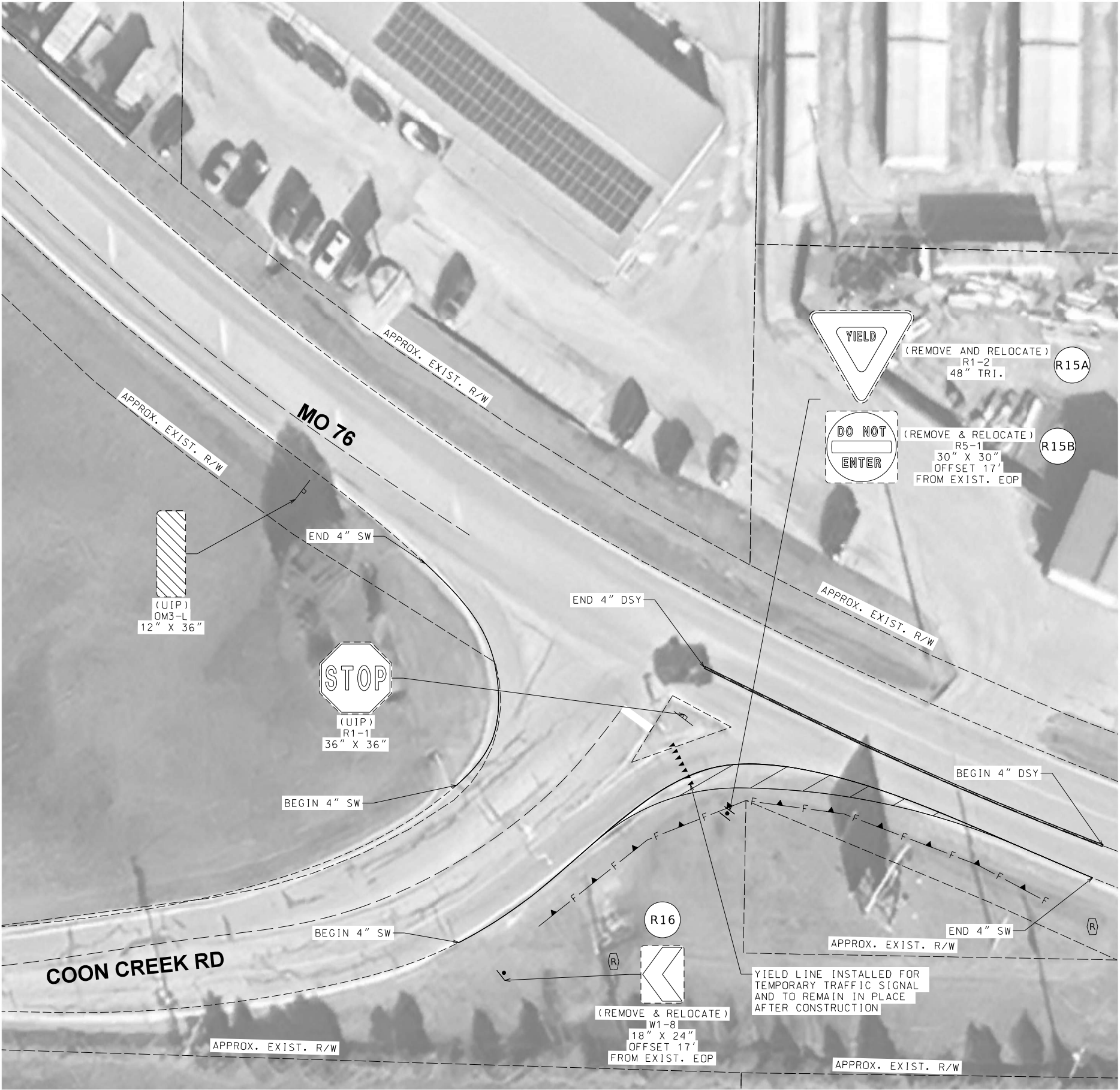
PERMANENT SIGNING
AND PAVEMENT MARKINGS
RESTORATION
SHEET 1 OF 3

PAVEMENT MARKING & SIGNING SHEETS
SHEET 3 OF 11

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

NOTES:

1. WIDTH OF SIGNS ARE UNKNOWN.
ASSUMED TO BE 48-INCHES FOR
CALCULATION PURPOSES.



PAVEMENT MARKING LEGEND

4" DSY = 4" DOUBLE YELLOW CLASS 1
PAVEMENT MARKING PAINT
(18-MIL. TYPE P BEADS).

4" SW = 4" SOLID WHITE CLASS 1
PAVEMENT MARKING PAINT
(18-MIL. TYPE P BEADS).



DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 36
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

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COMMISSION

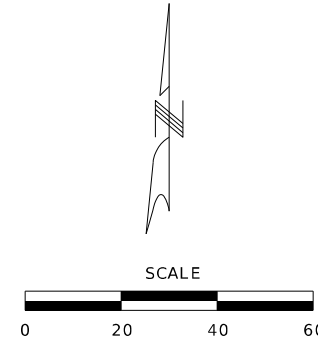
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PERMANENT SIGNING
RESTORATION
SHEET 2 OF 3

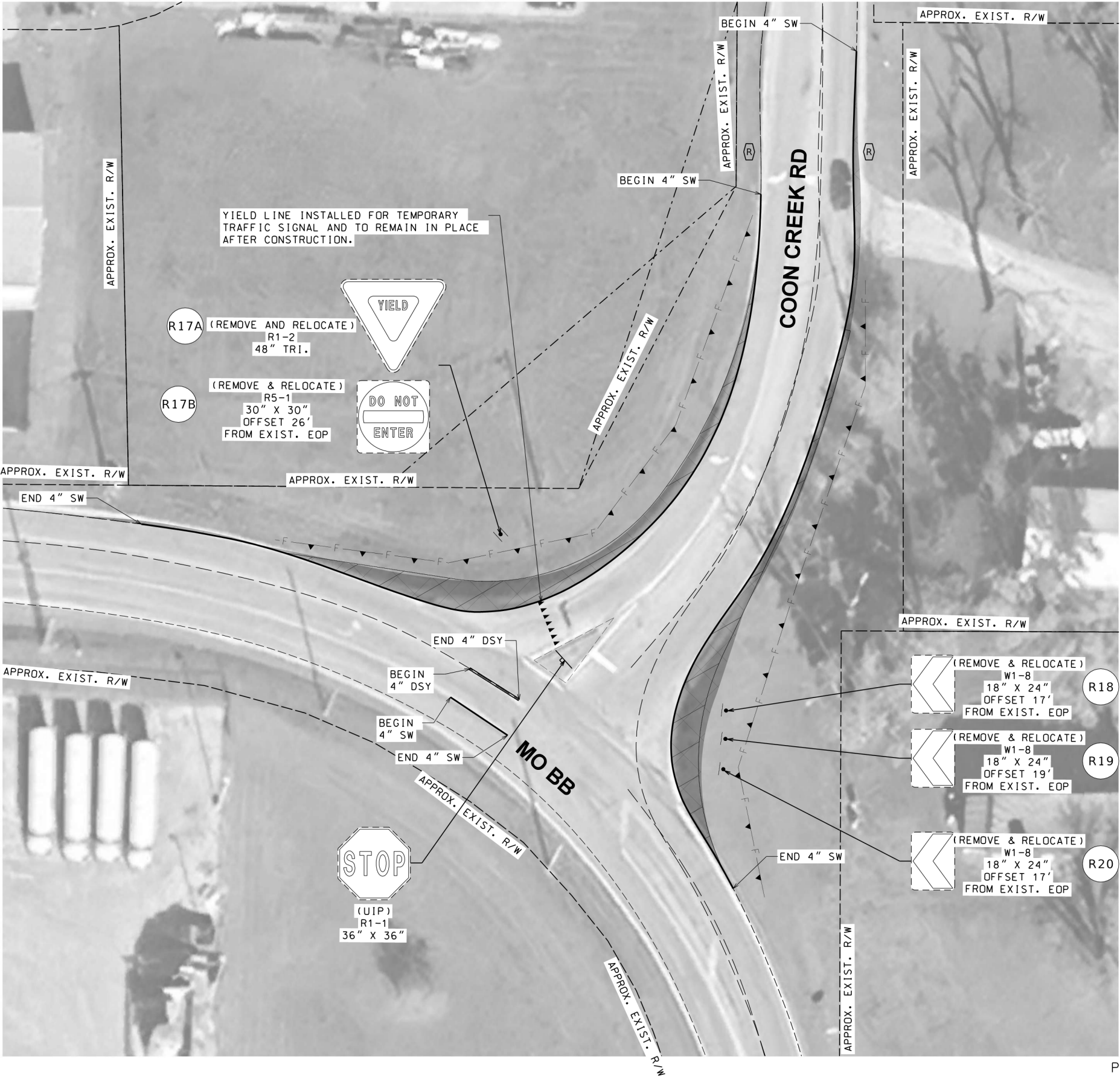
PAVEMENT MARKING & SIGNING SHEETS
SHEET 4 OF 11

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

PAVEMENT MARKING LEGEND

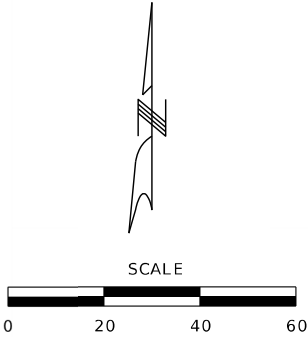
4" DSY = 4" DOUBLE YELLOW CLASS 1 PAVEMENT MARKING PAINT
(18-MIL. TYPE P BEADS).

4" SW = 4" SOLID WHITE CLASS 1 PAVEMENT MARKING PAINT
(18-MIL. TYPE P BEADS).



PERMANENT SIGNING
RESTORATION
SHEET 3 OF 3

PAVEMENT MARKING & SIGNING SHEETS
SHEET 5 OF 11



DATE PREPARED 11/5/2025	
ROUTE 76	STATE MO
DISTRICT SW	SHEET NO. 37
COUNTY TANEY	
JOB NO. JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

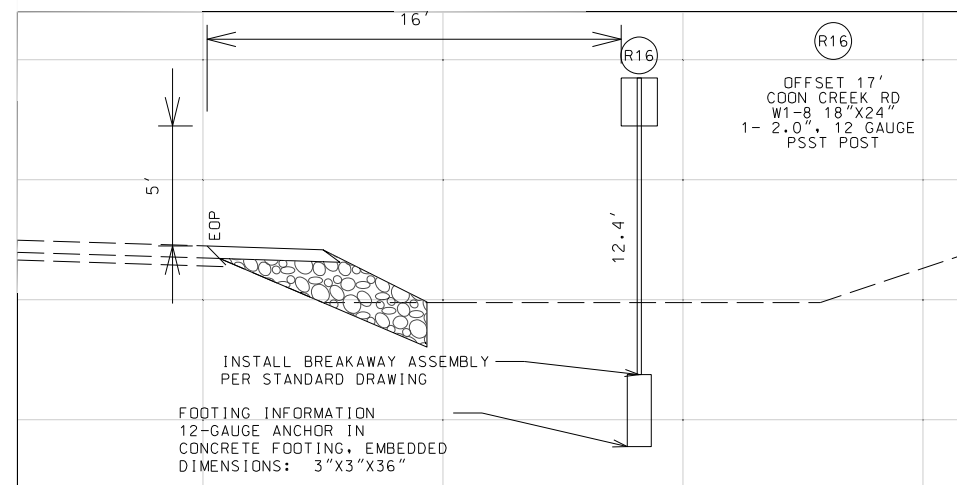
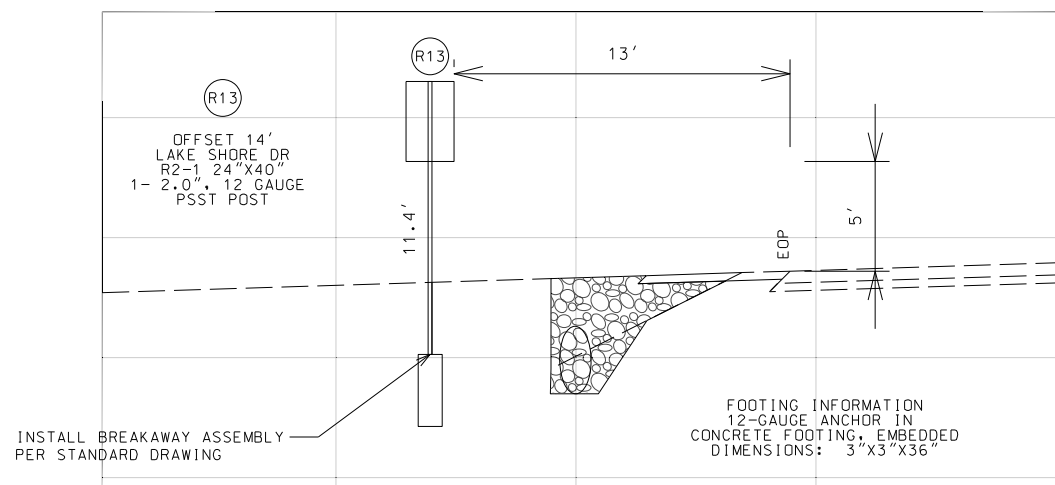
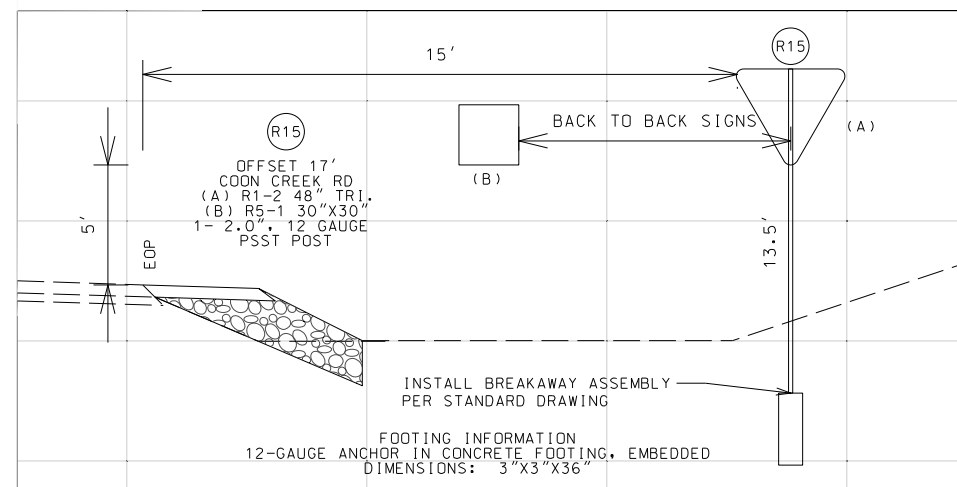
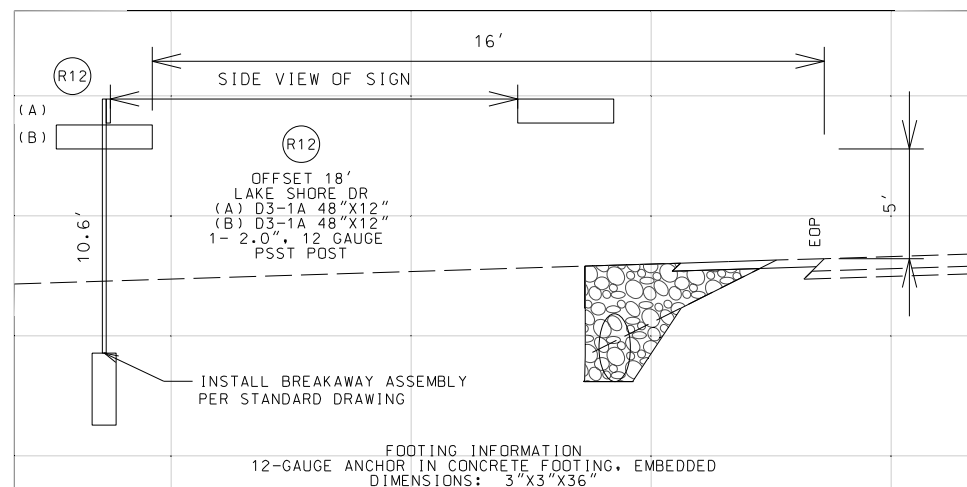
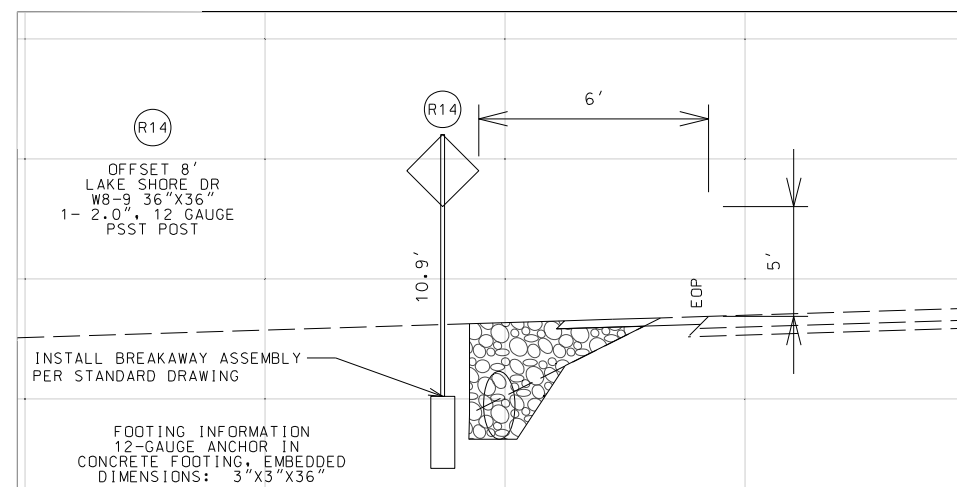
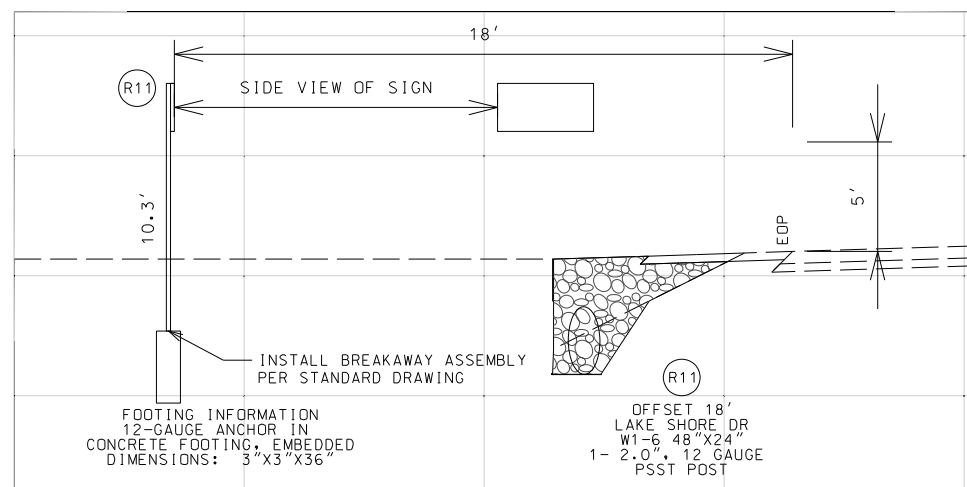
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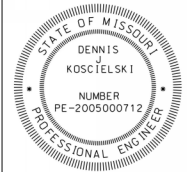
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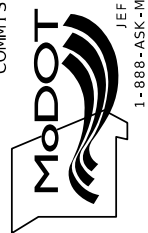
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DATE PREPARED	
11/5/2025	
ROUTE	STATE
76	MO
DISTRICT	SHEET NO.
SW	40
COUNTY	
TANEY	
JOB NO.	
JSR0326	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
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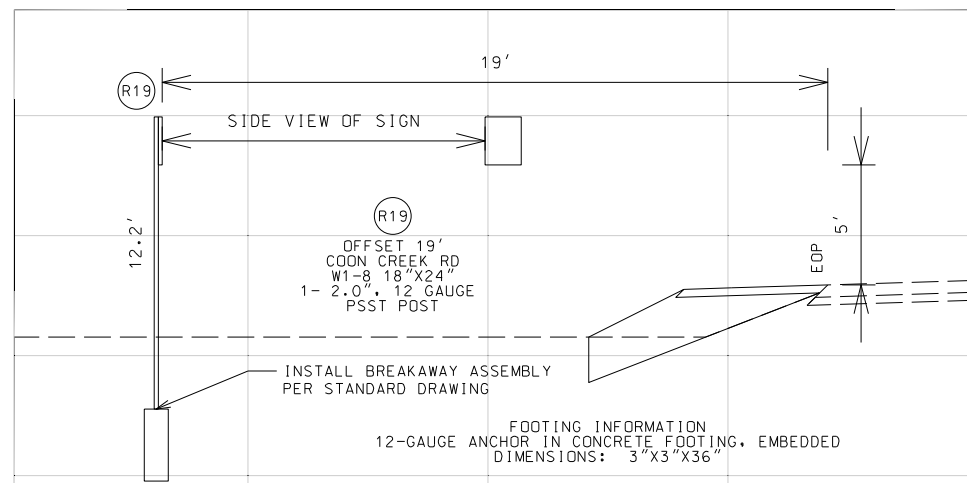
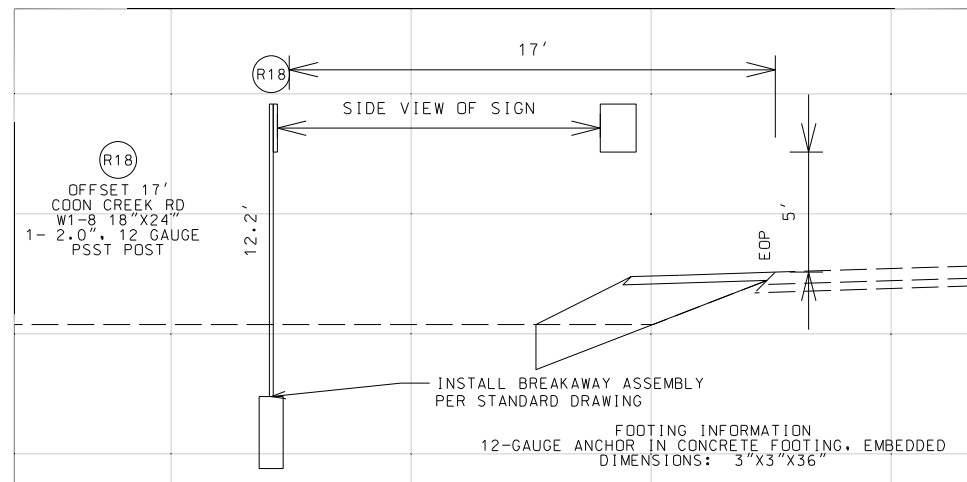
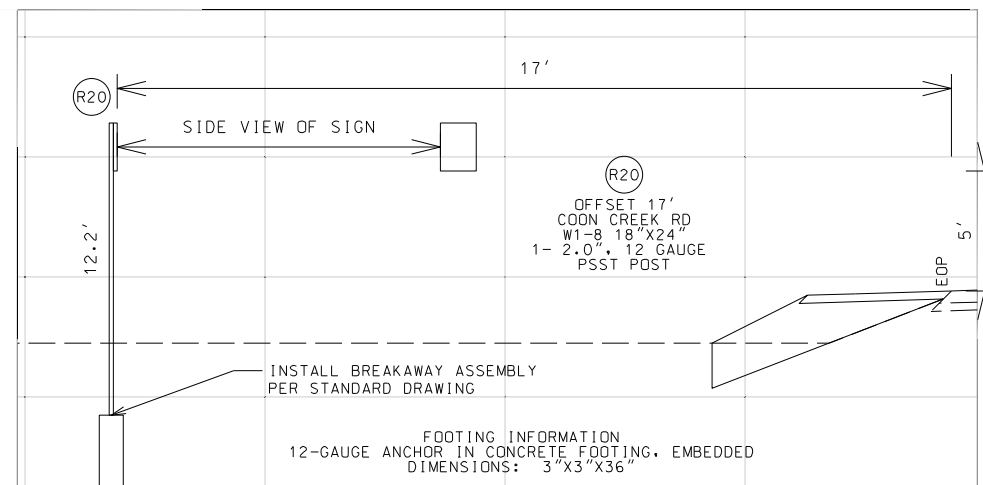
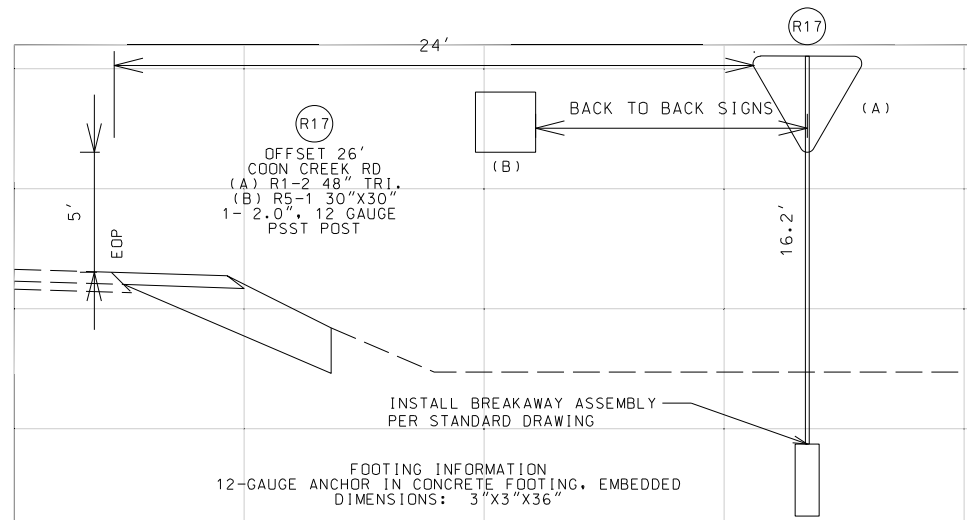
NOTE:
NO SURVEY DATA PROVIDED ALONG DETOUR ROUTE.
3 ADDITIONAL FEET OF POST WAS ADDED BELOW
THE ESTIMATED GROUND LINE AS A FORM OF CONTINGENCY.

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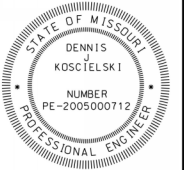
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PAVEMENT MARKING & SIGNING SHEETS
SHEET 8 OF 11



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11 / 5 / 2025

ROUTE	STATE
76	MO

DISTRICT	SHEET NO.
SW	41

COUNTY
TANEY

TANEY
JOB NO.

JSR0326

CONTRACT ID.

[illegible]

NOTE:
NO SURVEY DATA PROVIDED ALONG DETOUR ROUTE. 3 ADDITIONAL FEET OF POST
WAS ADDED BELOW THE ESTIMATED GROUND LINE AS A FORM OF CONTINGENCY.

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PAVEMENT MARKING & SIGNING SHEETS
SHEET 9 OF 11

SIGNS					CONCRETE FOOTINGS EMBEDDED		STRUCTURAL STEEL POSTS*					PIPE POSTS*					BACKING BARS**				U-CHANNEL POST		PERFORATED SQUARE STEEL TUBE									EFFECTIVE: 07-01-2024		REMARKS AND OTHER REQUIRED ITEMS	
902 SIGNAL SIGNS TABULATED ON D-37A SHEET					SIGN DTL SHT NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X 3/8" BARS AT 2.55 LBS/FT				ITEM NO. 9031250A	POST NO.1	POST NO.2	2-INCH POST			2.5-INCH POST				BREAK-AWAY ASSEMBLY ITEM NO. 9031241			
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION														CY	LF	LF	LF				LBS	IN	LF	LF	LBS	NO.	LGTH		TOTAL		
1	36"X36"	183+10	X	MO 76	1	0.13																												1	W8-17
	24"X18"	183+10	X	MO 76	1																													W8-17P, ASSEMBLY	
2	36"X36"	184+10	X	MO 76	1	0.13																											1	W4-2R	
R1	36"X36"	185+10	X	MO 76	1	0.13																											1	W3-2	
R2	12"X36"	184+85	X	MO 76	1	0.13																											1	OM3-R	
R3	12"X36"	185+30	X	MO 76	1	0.13																											1	OM3-R	
R4	12"X36"	185+70	X	MO 76	2	0.13																											1	OM3-R	
R5	12"X36"	186+10	X	MO 76	2	0.13																											1	OM3-R	
R6	12"X36"	186+40	X	MO 76	2	0.13																											1	OM3-R	
R7	24"X12"	187+40	X	MO 76	2	0.13																											1	M3-2	
	24"X24"	187+40	X	MO 76	2																													M1-5, ASSEMBLY	
R8	36"X36"	188+00	X	MO 76	2	0.13																											1	W2-6	
	36"X12"	188+00	X	MO 76	2																													W16-17P, ASSEMBLY	
	24"X24"	188+00	X	MO 76	2																													W13-1P, ASSMEBLY	
R9	30"X36"	189+40	X	MO 76	2	0.13																											1	M2-1	
R10	21"X15"	191+00	X	MO 76	2	0.13																											1	M2-1	
	24"X12"	191+00	X	MO 76	2																													M4-3, ASSEMBLY	
	24"X24"	191+00	X	MO 76	2																													M1-4, ASSEMBLY	
R11	48"X24"	X	X	LAKE SHORE	3	0.26																											2	W1-6	
R12	48"X12"	X	X	LAKE SHORE	3	0.13																											1	D3-1A	
	48"X12"	X	X	LAKE SHORE	3																													D3-1A, ASSEMBLY	
R13	24"X36"	X	X	LAKE SHORE	3	0.13																											1	R2-1	
R14	36"X36"	X	X	LAKE SHORE	3	0.13																											1	W8-9	
R15	48" TRI.	X	X	COON CREEK RD	4	0.13																											1	R1-2	
	30"X30"	X	X	COON CREEK RD	4																													R5-1,ASSEMBLY	
R16	18"X24"	X	X	COON CREEK RD	4	0.13																											1	W1-8	
R17	48" TRI.	X	X	COON CREEK RD	5	0.13																											1	R1-2	
	30"X30"	X	X	COON CREEK RD	5																													R5-1,ASSEMBLY	
R18	18"X24"	X	X	COON CREEK RD	5	0.13																											1	W1-8	
R19	18"X24"	X	X	COON CREEK RD	5	0.13																											1	W1-8	
R20	18"X24"	X	X	COON CREEK RD	5	0.13																											1	W1-8	
																				</															

LAYOUT	CE	10/2025
DRAWN	CE	10/2025
REVIEWED	DK	10/2025

[illegible][illegible]

360.0' SOLDIER PILE WALL

SEC/SUR 4 TWP 22N RGE 21W

Indicates location of borings.

Notice and Disclaimer Regarding Boring Log Data

The locations of all subsurface borings for this structure are shown on the plan sheet(s) for this structure. The boring data for all locations indicated, as well as any other boring logs or other factual records of subsurface data and investigations performed by the department for the design of the project, are shown on Sheet(s) No. 19-24 and may be included in the Electronic Bridge Deliverables. They will also be available from the Project Contact upon written request. No greater significance or weight should be given to the boring data depicted on the plan sheets than is given to the subsurface data available from the district or elsewhere.

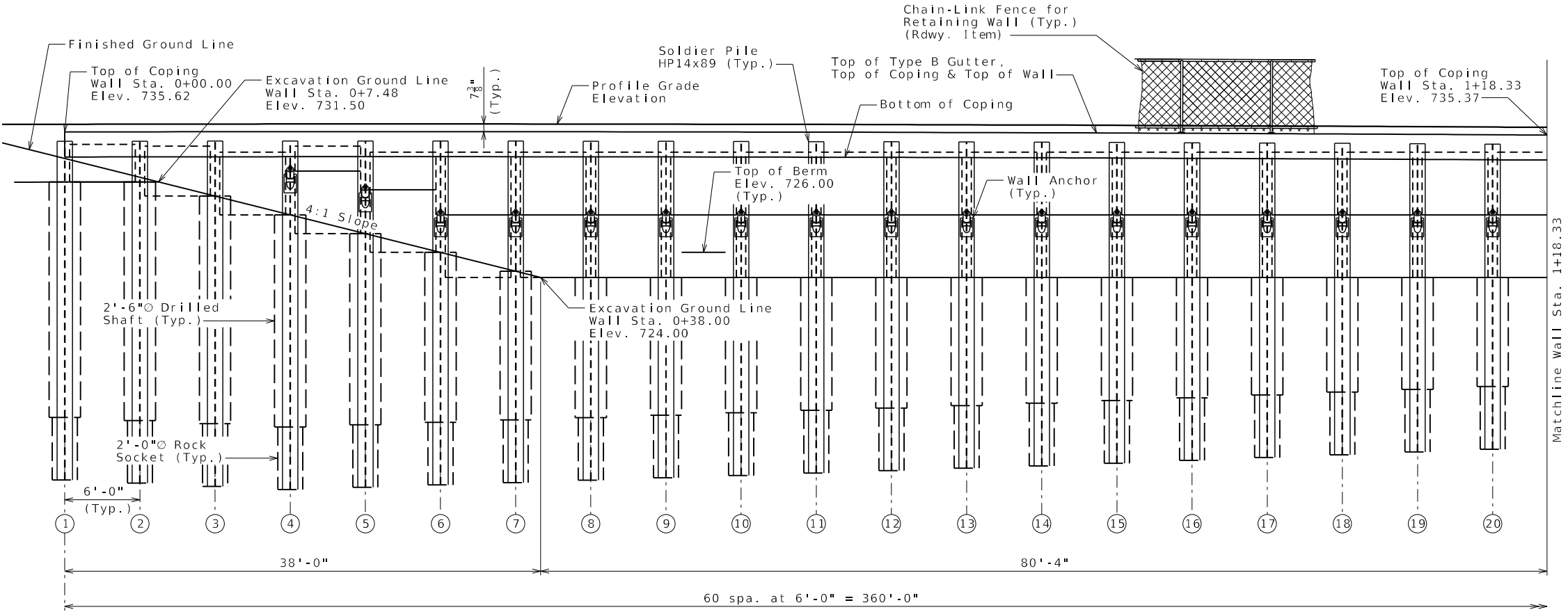
The Commission does not represent or warrant that any such boring data accurately depicts the conditions to be encountered in constructing this project. A contractor assumes all risks it may encounter in basing its bid prices, time or schedule of performance on the boring data depicted here or those available from the district, or on any other documentation not expressly warranted, which the contractor may obtain from the Commission.

Notes:

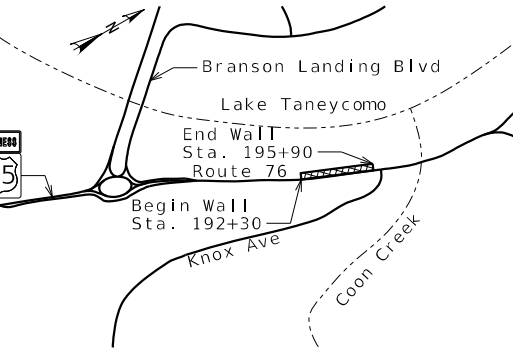
For Estimated Quantities & Pile Data, see Sheet No. 4.

For General Notes, see Sheet No. 4.

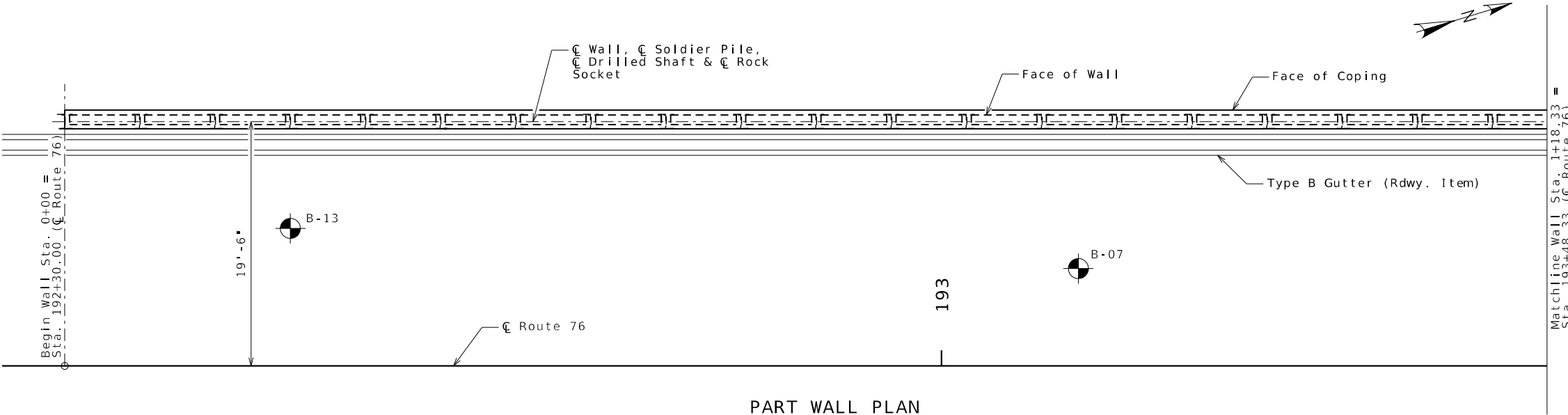
All longitudinal dimensions are horizontal.



PART WALL ELEVATION



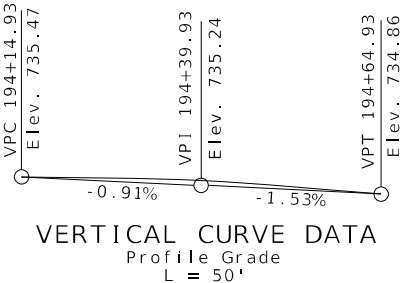
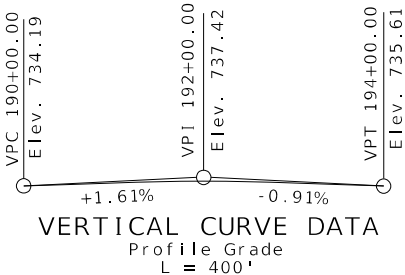
LOCATION SKETCH



PART WALL PLAN

Notice and Disclaimer Regarding Pinnacled Rock:

The State of Missouri and, in particular, the area that encompasses this project is known to have, at least in part, bedrock that exhibits karst conditions. One karst condition is sometimes referred to as pinnacle or pinnacled rock. The nature of this condition makes graphical representations of this pinnacled zone difficult to classify and excavate. It is incumbent upon the bidder to investigate above surface warnings of this rock formation (road cuts, quarry sites and any other exposed faces) and be aware that the same is a regularly occurring phenomenon and is not to be regarded as a differing site condition or result in changes in the work, regardless of what any actual boring or lines on the plans may or may not tend to indicate.



Bench Marks (NAVD 88 Datum)

C.P. #1: Sta. 185+22.01, 745.93' Lt., Elev. 706.26

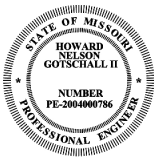
C.P. #2: Sta. 194+18.38, 645.02' Lt., Elev. 712.83

RETAINING WALL ALONG ROUTE 76
ROUTE 76 FROM BRANSON LANDING BOULEVARD
TO KNOX AVENUE
TIE STATION 192+30.00

Designed: SMC 11/06/25
Detailed: SMC 11/06/25
Checked: HNG 11/06/25

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

Sheet No. 1 of 23



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DATE PREPARED

11/06/25

ROUTE 76 STATE MO

DISTRICT BR SHEET NO. 1

COUNTY TANEY

JOB NO. JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9800

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

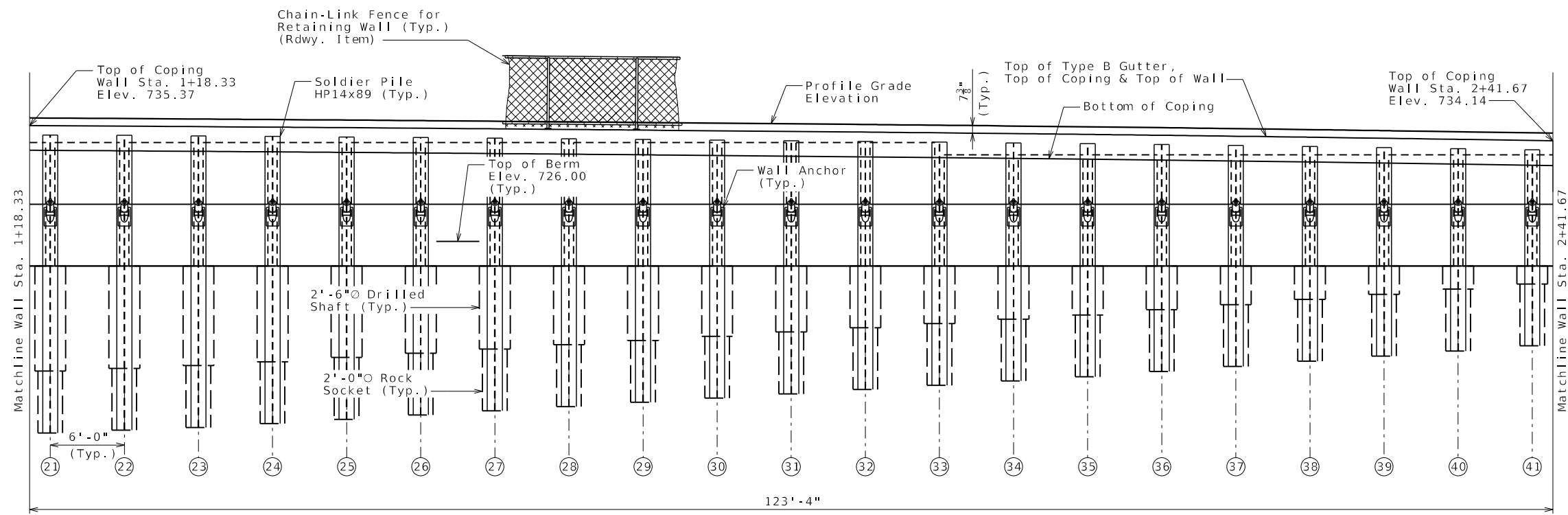
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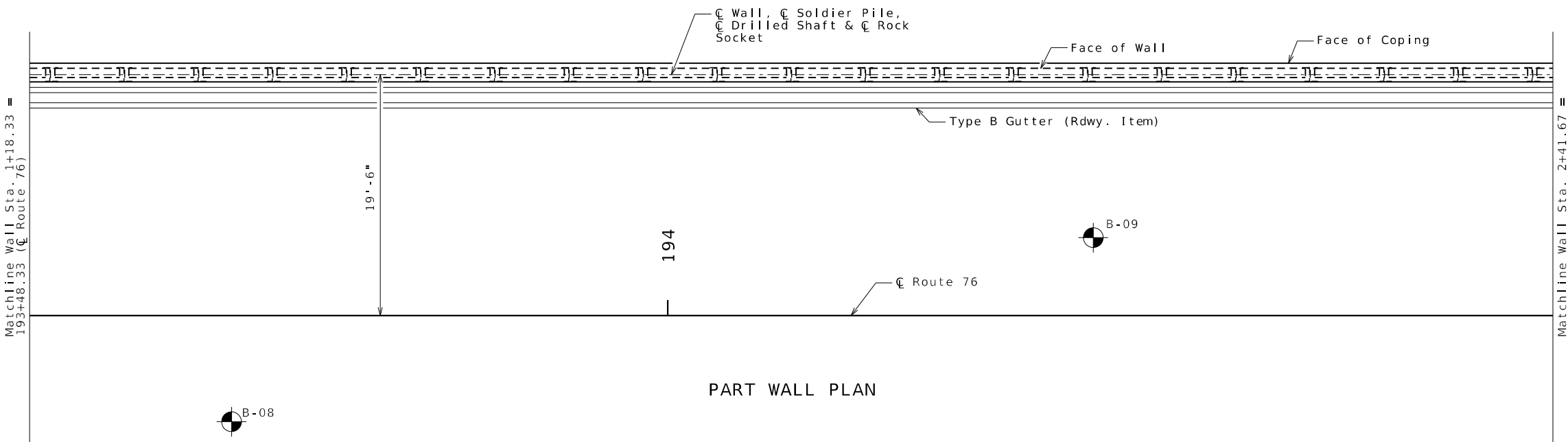
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PART WALL ELEVATION



PART WALL PLAN

Designed: SMC 11/06/25
Detailed: SMC 11/06/25
Checked: HNG 11/06/25

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

Sheet No. 2 of 23



THIS SHEET HAS BEEN
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DATE PREPARED
11/06/25

ROUTE
76 STATE
MO

DISTRICT
BR SHEET NO.
2

COUNTY
TANEY

JOB NO.
JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9800

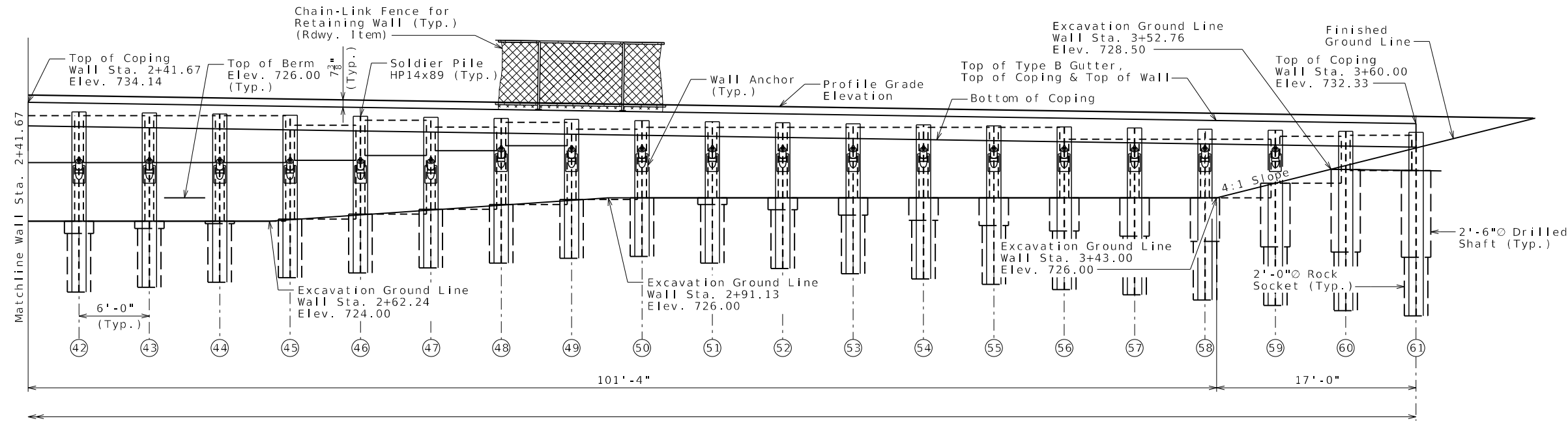
DATE	DESCRIPTION

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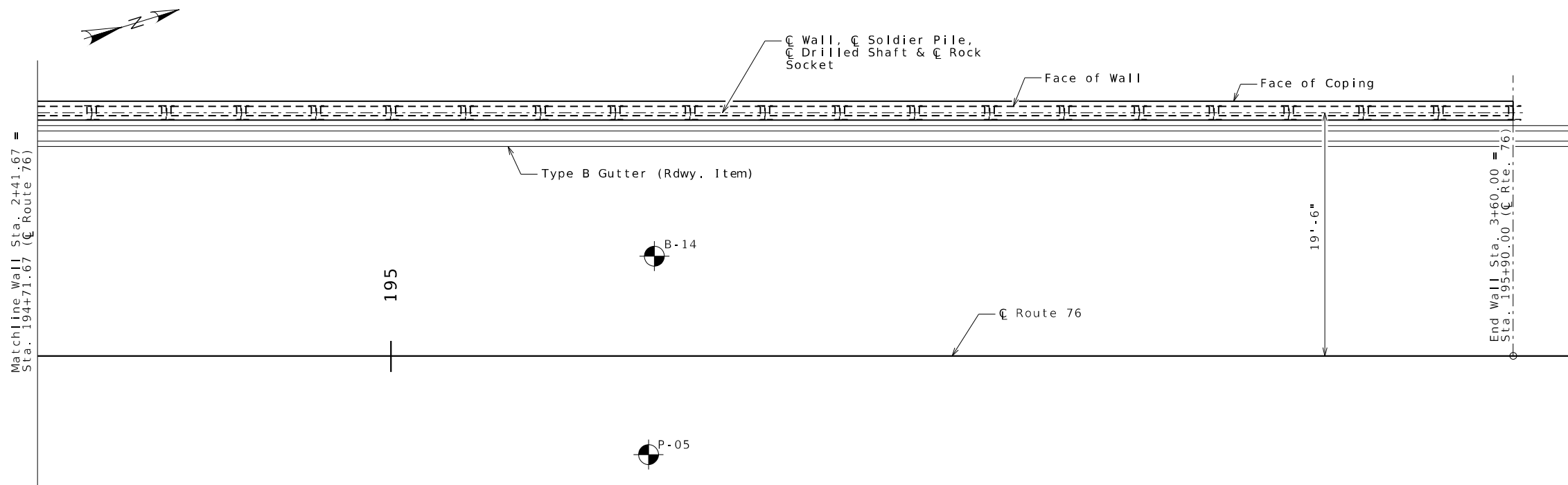


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PART WALL ELEVATION

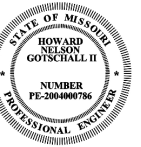


PART WALL PLAN

Designed: SMC 11/06/25
Detailed: SMC 11/06/25
Checked: HNG 11/06/25

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

Sheet No. 3 of 23



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DATE PREPARED
11/06/25

ROUTE 76 STATE MO

DISTRICT BR SHEET NO. 3

COUNTY TANEY

JOB NO. JSR0326

CONTRACT ID.

PROJECT NO.

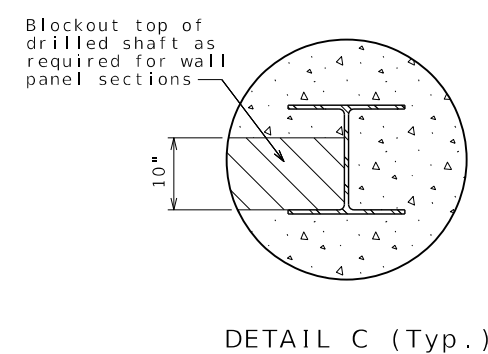
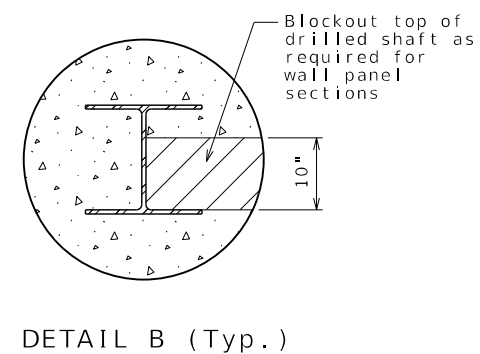
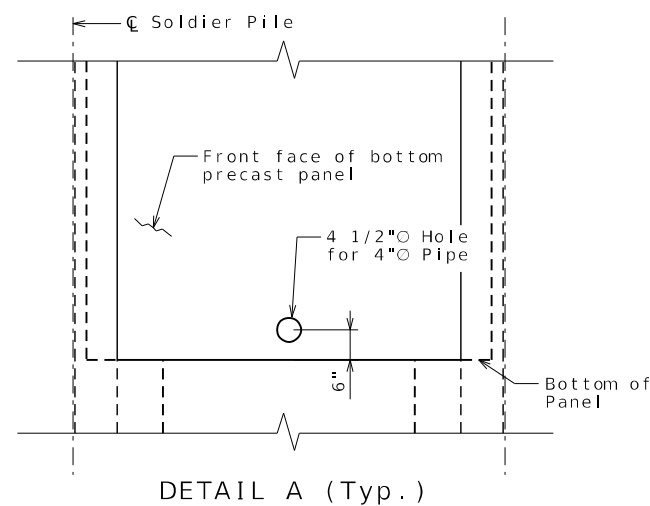
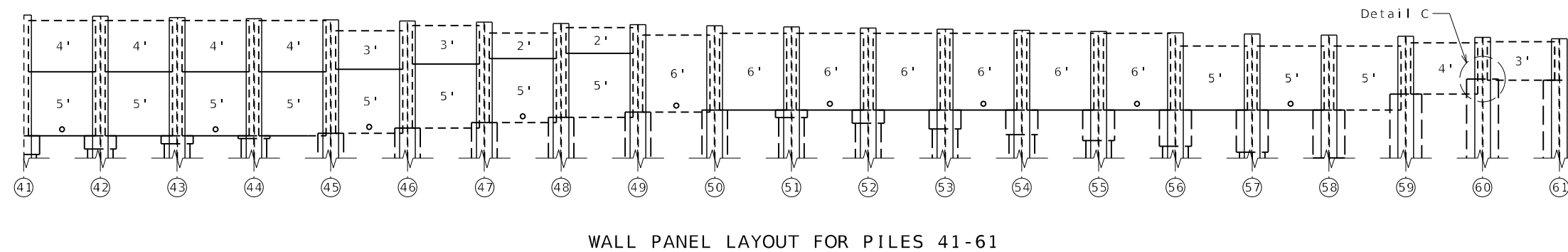
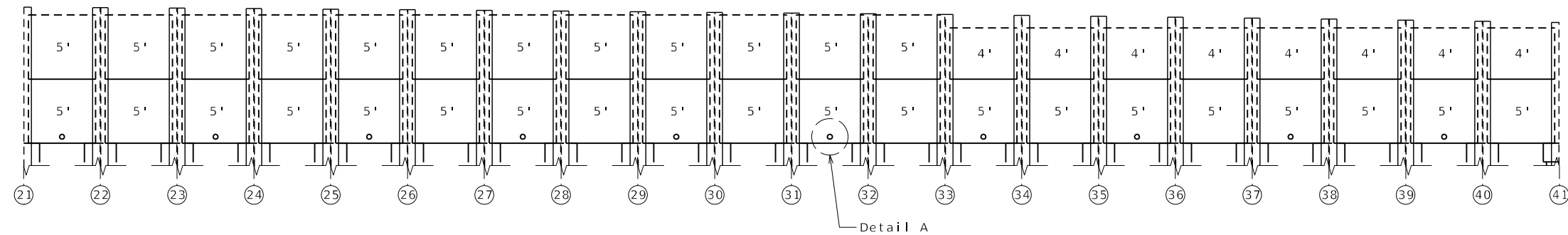
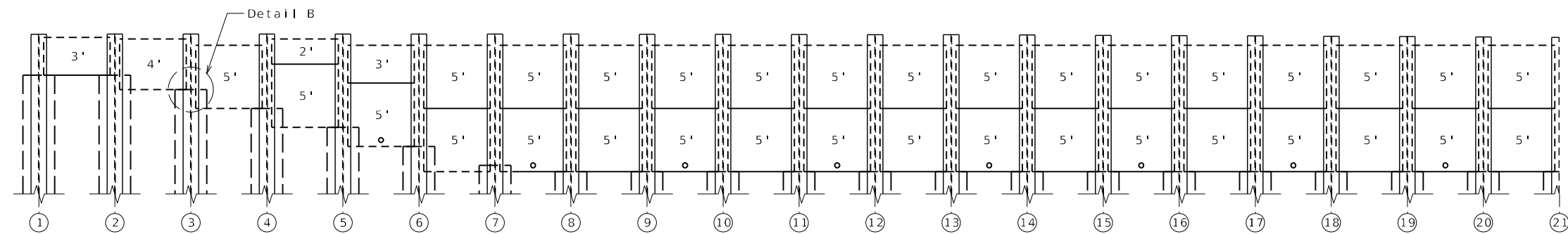
BRIDGE NO. A9800

DATE	DESCRIPTION

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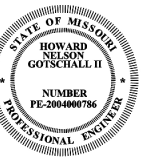
Notes:

Panel labels indicate height of panel to be used.

Coping, excavation, and roadway not shown for clarity.

For additional panel details, see Sheet No. 8.

For drainage system details, see Sheet No. 9.



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DATE PREPARED

1 / 06 / 25

TE	STATE
----	-------

6	MO
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PROJECT	SHEET NO
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R	7
---	---

COUNTY

TANEY

JOB NO.

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DATE PREPARED
11/06/25
ROUTE 76 STATE MO
DISTRICT BR SHEET NO. 8

COUNTY
TANEY
JOB NO.
JSR0326
CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9800

DESCRIPTION

DATE

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

Notes:

For panel locations, see Sheet No. 7.

For drainage system details, see Sheet No. 9.

For spacing of #4-V1 bars, see Sheet No. 6.

Precast concrete wall panels shall have the "Fill Face" clearly marked by the fabricator when delivered to the job site.

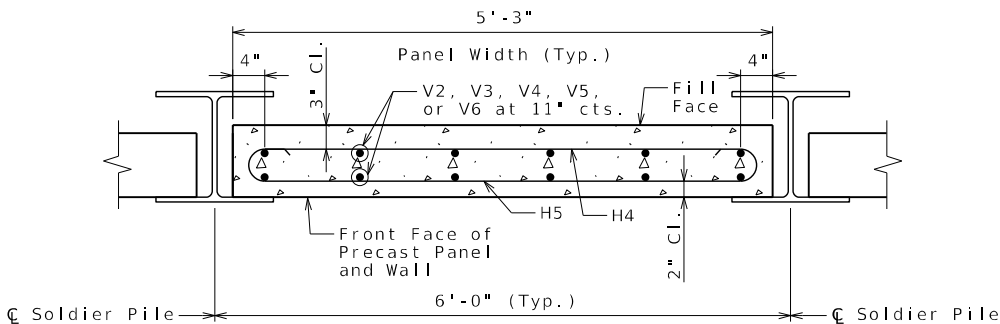
Fabricator shall be responsible for location and design of all lifting devices.

All concrete for the precast wall panels shall be Class A-1.

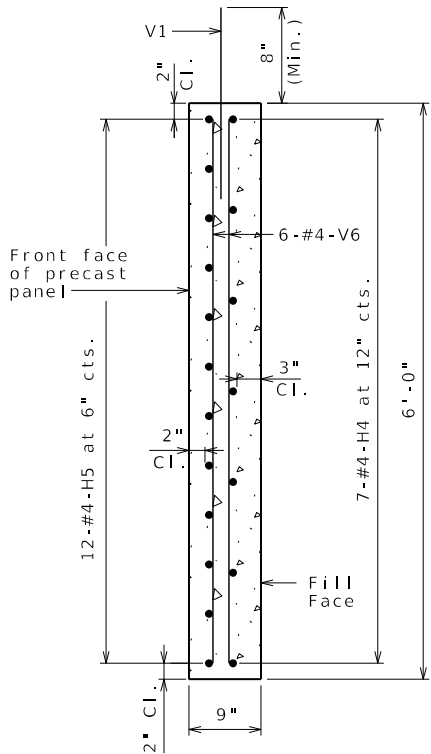
The contractor shall have the option to cast-in-place the precast concrete wall panels using Class B-1 Concrete.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the contract unit price for Precast Concrete Wall Panels per square foot.

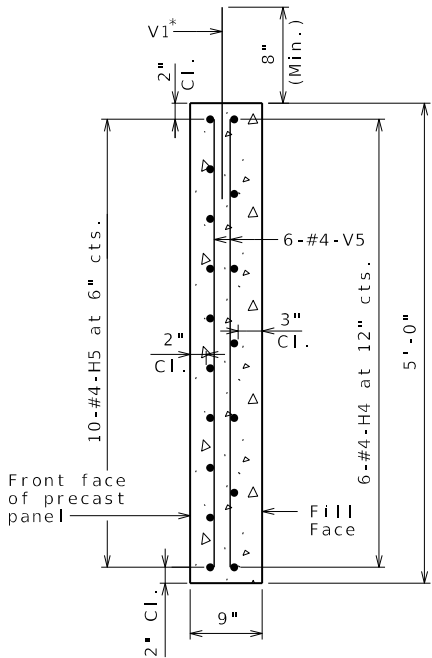
All reinforcement shall be epoxy coated.



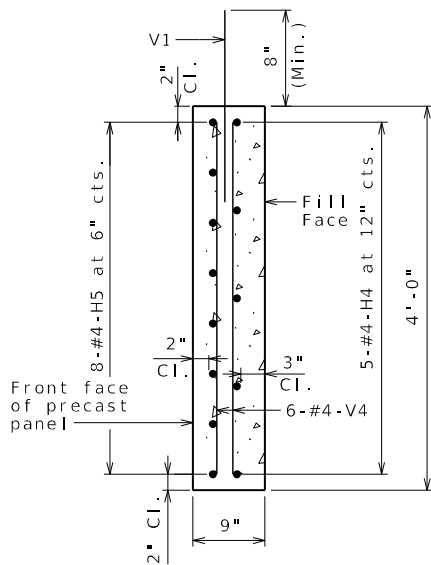
TYPICAL PANEL SECTION



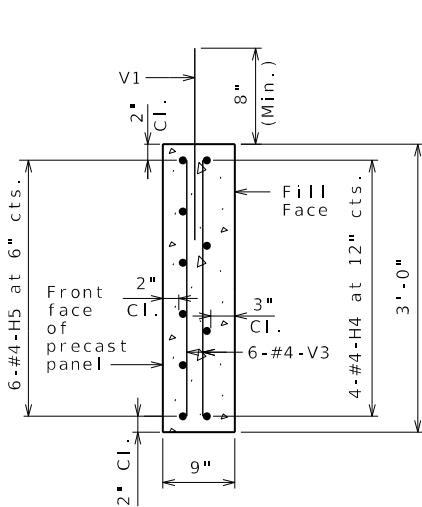
6' PANEL



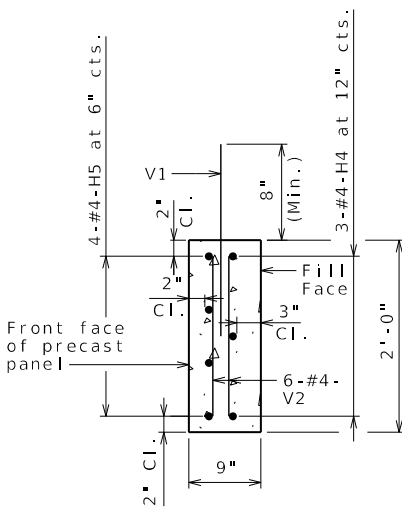
5' PANEL



4' PANEL



3' PANEL



2' PANEL

BILL OF REINFORCING STEEL - EACH 6' PANEL						BENDING DIAGRAM
NO.	SIZE	MARK	NOMINAL LENGTH	ACTUAL LENGTH	SHAPE	
4	4	V1	20"	20"	20	
12	4	V6	5'-7"	5'-7"	20	
7	4	H4	4'-9"	4'-9"	20	
12	4	H5	4'-9"	5'-9"	18	SHAPE 20

Notes:

The following quantities are for each 6' tall panel:

Total number of panels = 7
Volume of concrete per panel = 0.88 cu. yds.
Weight of reinforcement per panel = 118 lbs.

BILL OF REINFORCING STEEL - EACH 5' PANEL						BENDING DIAGRAM
NO.	SIZE	MARK	NOMINAL LENGTH	ACTUAL LENGTH	SHAPE	
4	4	V1	20"	20"	20	
12	4	V5	4'-7"	4'-7"	20	
6	4	H4	4'-9"	4'-9"	20	
10	4	H5	4'-9"	5'-9"	18	SHAPE 20

Notes:

* Top panels only.

The following quantities are for each 5' tall panel:

Number of typical panels = 45
Volume of concrete per panel = 0.73 cu. yds.
Weight of reinforcement per typical panel = 94 lbs.

Number of top panels = 31
Weight of reinforcement per top panel = 99 lbs.

BILL OF REINFORCING STEEL - EACH 4' PANEL						BENDING DIAGRAM
NO.	SIZE	MARK	NOMINAL LENGTH	ACTUAL LENGTH	SHAPE	
4	4	V1	20"	20"	20	
12	4	V4	3'-7"	3'-7"	20	
5	4	H4	4'-9"	4'-9"	20	
8	4	H5	4'-9"	5'-9"	18	SHAPE 20

Notes:

The following quantities are for each 4' tall panel:

Total number of panels = 14
Volume of concrete per panel = 0.58 cu. yds.
Weight of reinforcement per panel = 80 lbs.

BILL OF REINFORCING STEEL - EACH 3' PANEL						BENDING DIAGRAM
NO.	SIZE	MARK	NOMINAL LENGTH	ACTUAL LENGTH	SHAPE	
4	4	V1	20"	20"	20	
12	4	V3	2'-7"	2'-7"	20	
4	4	H4	4'-9"	4'-9"	20	
6	4	H5	4'-9"	5'-9"	18	SHAPE 20

Notes:

The following quantities are for each 3' tall panel:

Total number of panels = 5
Volume of concrete per panel = 0.44 cu. yds.
Weight of reinforcement per panel = 61 lbs.

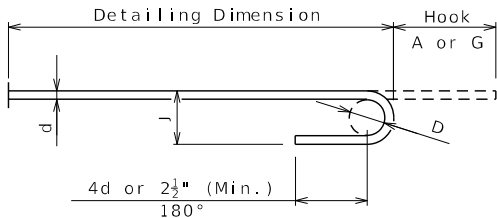
BILL OF REINFORCING STEEL - EACH 2' PANEL						BENDING DIAGRAM
NO.	SIZE	MARK	NOMINAL LENGTH	ACTUAL LENGTH	SHAPE	
4	4	V1	20"	20"	20	
12	4	V2	19"	19"	20	
3	4	H4	4'-9"	4'-9"	20	
4	4	H5	4'-9"	5'-9"	18	SHAPE 20

Notes:

The following quantities are for each 2' tall panel:

Total number of panels = 3
Volume of concrete per panel = 0.29 cu. yds.
Weight of reinforcement per panel = 42 lbs.

END HOOK DIMENSIONS				
BAR SIZE	D (IN.)	ALL GRADES		
		180° HOOKS		90° HOOKS
		A OR G	J	A OR G
#4	3"	6"	4"	8"



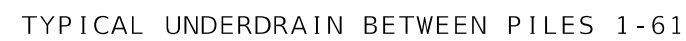
Total Quantity Table for All Precast Panels		
Item		Quantity
Class A-1 Concrete	cu. yard	72.9
Reinforcing Steel (Epoxy Coated)	pound	9676

Designed: SMC 11/06/25
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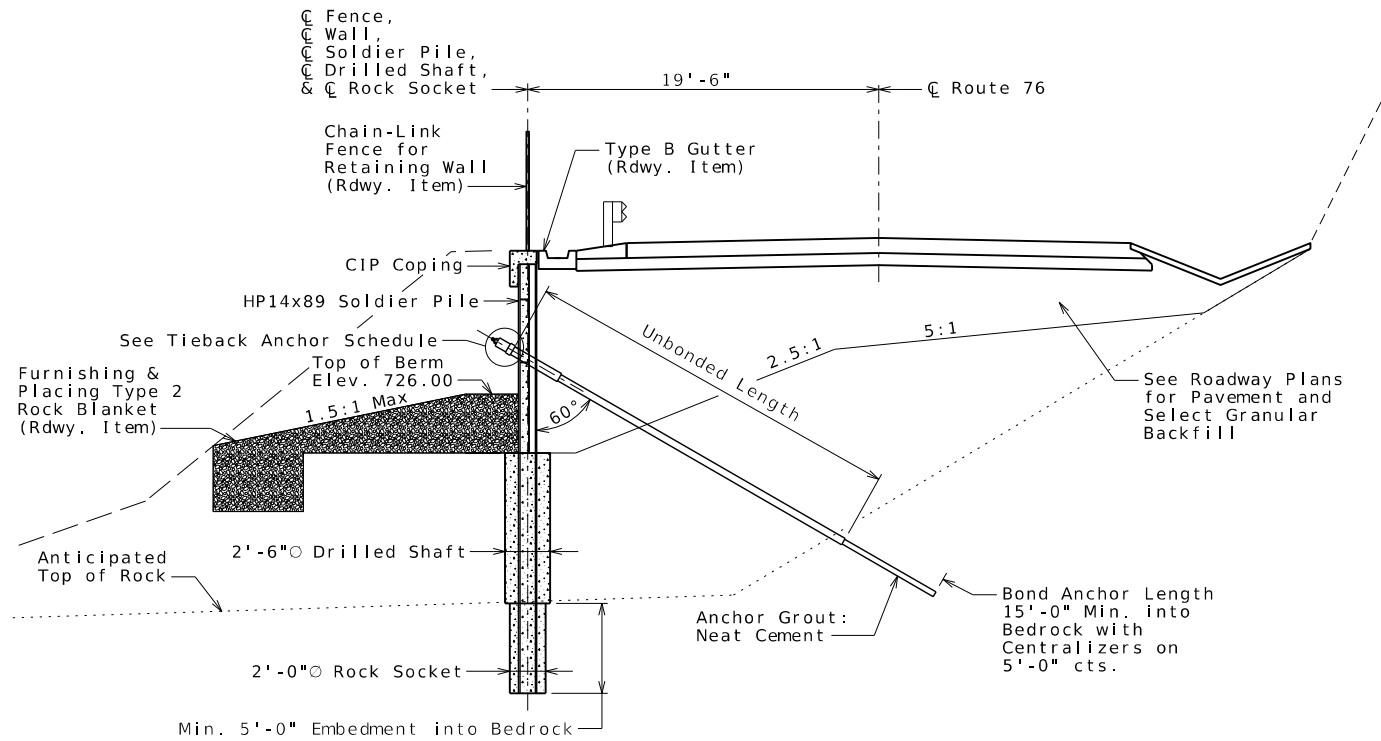
Note: This drawing is not to scale. Follow dimensions.

Sheet No. 8 of 23

PRECAST CONCRETE PANEL DETAILS



Underdrain holes and outlets shall be included on bottom panels as shown on Sheet No. 7.



WALL TYPICAL SECTION

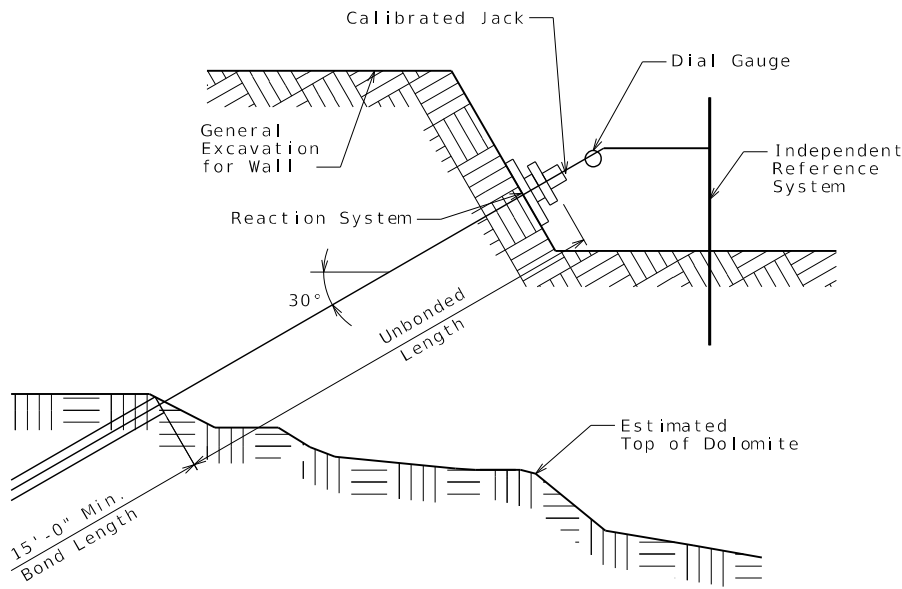


DIAGRAM OF PERFORMANCE TEST ANCHOR
STA 193+02, 19.5' LT.

Performance Test Note:

Tieback - use same Tieback System (e.g. Corrosion Protection, Grout, Bar) and Installation methods as production Tieback Anchors. Install and test performance Test Tieback Anchor before installing production Tieback Anchors. Permanent Casing not required for performance Test Anchor.

Tieback Anchor Schedule						
Tie Back Number	Soldier Pile Number	Elev. at Face of Wall (ft)	Unbonded Length (ft)	Total Length* (ft)	Design Load (kips)	Lockoff Load (kips)
1	4	731.50	25	40	150	105
2	5	730.00	25	40	150	105
3	6	728.00	25	40	150	105
4	7	728.00	25	40	150	105
5	8	728.00	25	40	150	105
6	9	728.00	20	35	150	105
7	10	728.00	20	35	150	105
8	11	728.00	20	35	150	105
9	12	728.00	20	35	150	105
10	13	728.00	20	35	150	105
11	14	728.00	20	35	150	105
12	15	728.00	20	35	150	105
13	16	728.00	20	35	150	105
14	17	728.00	20	35	150	105
15	18	728.00	20	35	150	105
16	19	728.00	20	35	150	105
17	20	728.00	20	35	150	105
18	21	728.00	20	35	150	105
19	22	728.00	20	35	150	105
20	23	728.00	20	35	150	105
21	24	728.00	20	35	150	105
22	25	728.00	20	35	150	105
23	26	728.00	20	35	150	105
24	27	728.00	20	35	150	105
25	28	728.00	20	35	150	105
26	29	728.00	20	35	150	105
27	30	728.00	20	35	150	105
28	31	728.00	20	35	150	105
29	32	728.00	20	35	150	105
30	33	728.00	20	35	150	105
31	34	728.00	20	35	150	105
32	35	728.00	20	35	150	105
33	36	728.00	20	35	150	105
34	37	728.00	20	35	150	105
35	38	728.00	20	35	150	105
36	39	728.00	20	35	150	105
37	40	728.00	20	35	150	105
38	41	728.00	20	35	150	105
39	42	728.00	20	35	150	105
40	43	728.00	20	35	150	105
41	44	728.00	20	35	150	105
42	45	728.00	20	35	150	105
43	46	728.00	20	35	150	105
44	47	728.00	15	30	150	105
45	48	729.00	15	30	150	105
46	49	729.00	15	30	150	105
47	50	729.00	15	30	150	105
48	51	729.00	10	25	150	105
49	52	729.00	10	25	150	105
50	53	729.00	10	25	150	105
51	54	729.00	10	25	150	105
52	55	729.00	15	30	150	105
53	56	729.00	15	30	150	105
54	57	729.00	15	30	150	105
55	58	729.00	15	30	150	105
56	59	729.00	15	30	150	105

Notes:

* Total length is from behind the anchor plate to end of bond zone. It does not include length above the anchor plate needed for stressing and lockoff.

All tieback anchors shall have the following:

Angle of Inclination = 60°
Minimum Bond Length = 15 ft.
Est. Elev. of Top Bond Zone = Varies

Contractor may select the Threadbar Anchor or Steel Prestressing Strand alternative.

Contractor shall add additional length as needed for the type of anchor and stressing equipment.

For additional tieback anchor details, see Sheet No. 11.

For additional soldier pile details, see Sheet No. 12.

Chain-Link Fence for Retaining Wall shall be attached to the cast in place coping in accordance with STD. 607.11.

Fence posts shall clear joints in the wall coping at soldier piles by 6" min.

Select granular backfill (CY) to be paid for as roadway item.

Remaining backfill to be paid for as compacting embankment (CY), roadway item.

WALL TYPICAL SECTION &
PERFORMANCE TEST ANCHOR

STATE OF MISSOURI
HOWARD NELSON
GOTSCHALL II
NUMBER
PE-200400786
PROFESSIONAL ENGINEER

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ROUTE
76

STATE
MO

DISTRICT
BR

SHEET NO.
10

COUNTY
TANEY

JOB NO.
JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9800

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

Notes:

All tieback anchors shall have the following:

Angle of Inclination = 60°
Minimum Bond Length = 15 ft.
Est. Elev. of Top Bond Zone = Varies

Contractor may select the Threadbar Anchor or Steel Prestressing Strand alternative.

Contractor shall add additional length as needed for the type of anchor and stressing equipment.

Ultimate strength of Threadbar shall = 150 ksi.

Ultimate strength of Steel Prestressing Strands shall = 270 ksi.

Nominal bond stress between anchor grout and dolomite shall be 25 ksf with a $\phi_G = 0.5$.

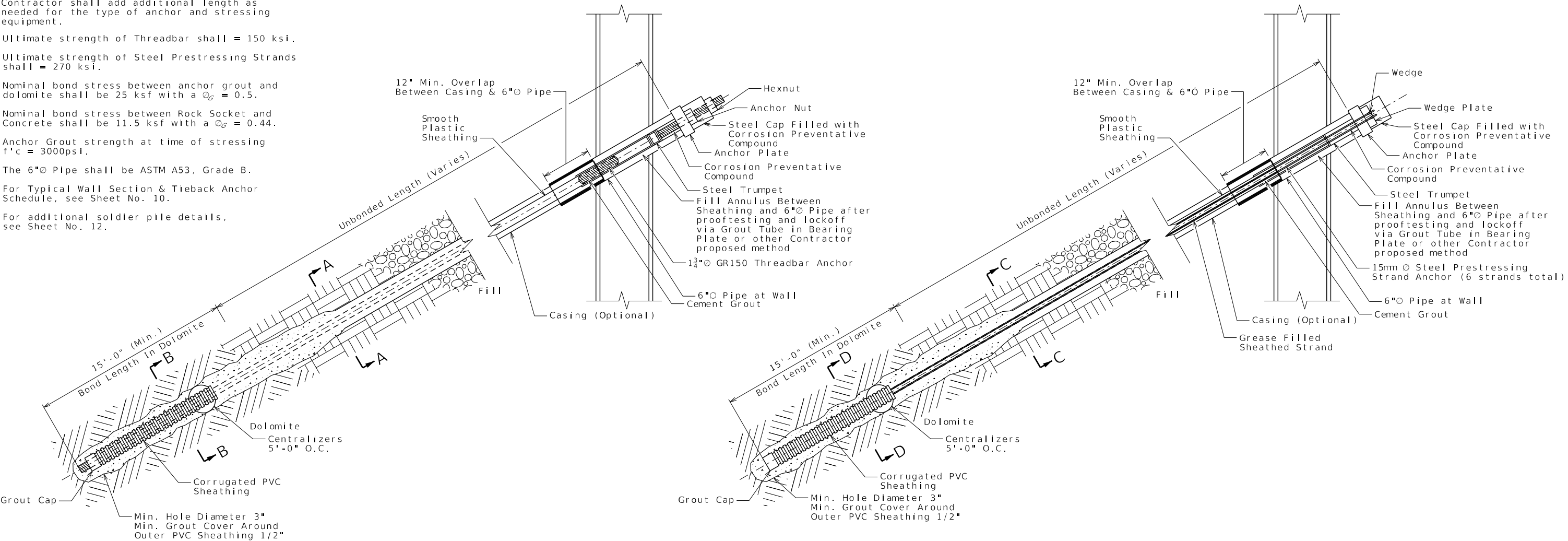
Nominal bond stress between Rock Socket and Concrete shall be 11.5 ksf with a $\phi_G = 0.44$.

Anchor Grout strength at time of stressing $f'_c = 3000\text{psi}$.

The 6"Ø Pipe shall be ASTM A53, Grade B.

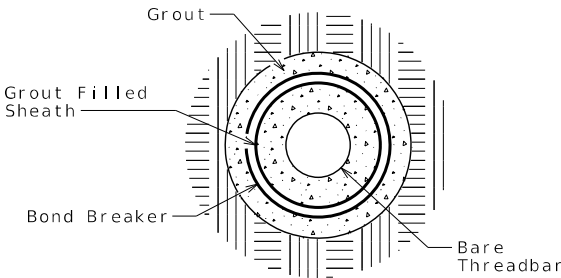
For Typical Wall Section & Tieback Anchor Schedule, see Sheet No. 10.

For additional soldier pile details, see Sheet No. 12.

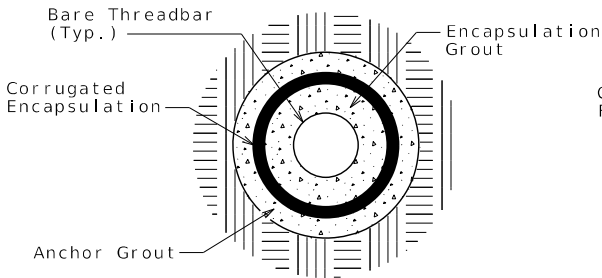


TYPICAL THREADED BAR
TIEBACK ANCHOR DETAIL
WITH CLASS 1 CORROSION PROTECTION

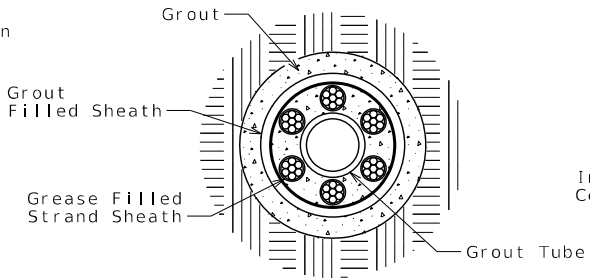
TYPICAL STEEL PRESTRESSING STRAND
TIEBACK ANCHOR DETAIL
WITH CLASS 1 CORROSION PROTECTION



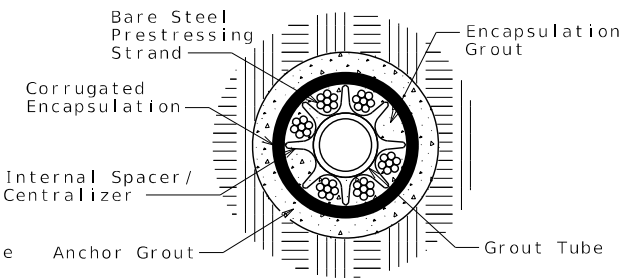
SECTION A-A



SECTION B-B



SECTION C-C



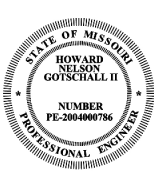
SECTION D-D

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Detailed: SMC 11/06/25
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Note: This drawing is not to scale. Follow dimensions.

Sheet No. 11 of 23

TIEBACK ANCHOR DETAILS



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11/06/25

ROUTE 76 STATE MO

DISTRICT BR SHEET NO. 11

COUNTY TANEY

JOB NO. JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9800

DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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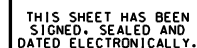
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Technical drawing showing a top view of a plate with a hole and a section view labeled SECTION B-B.

Top View Dimensions:

- Overall width: 12"
- Overall height: 18"
- Hole diameter: 6 3/4"
- Distance from hole center to bottom edge: 9"
- Distance from hole center to left edge: 6"
- Distance from hole center to top edge: 7 3/4"

Section View (SECTION B-B):

- Shows a vertical cross-section of the plate.
- Indicates a 60° angle from the face of the plate to the hole.
- Shows a 1" dimension at the bottom edge.

Annotations:

- "Mill 6 3/4" Hole at 60° Angle from Face of Plate" points to the hole.
- "Anchor Position Detail," points to the bottom edge.
- "SECTION B-B" is labeled at the bottom right.

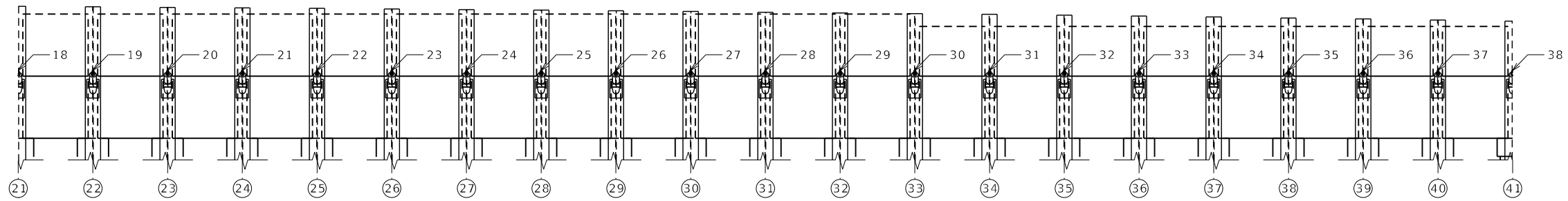
DETAIL B
REINFORCEMENT PLATE AT
ANCHOR-SOLDIER PILE CONNECTION
(2 Plates per Connection)

The anchor bearing plate, anchor cap and nut shall be galvanized in accordance with ASTM A123 and Sec 1081.

[illegible]

Sheet No. 15 of 23

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Proof Test Summary Table										
Tie Back Number	Date		Length (ft)				Test Load (kips)		Total Elongation (in)	Creep During Hold (in)
	Grouted	Tested	Bond	Unbonded	Jack	Total				
19							Max.			
							Lockoff			
20							Max.			
							Lockoff			
21							Max.			
							Lockoff			
22							Max.			
							Lockoff			
23							Max.			
							Lockoff			
24							Max.			
							Lockoff			
25							Max.			
							Lockoff			
26							Max.			
							Lockoff			
27							Max.			
							Lockoff			
28							Max.			
							Lockoff			
29							Max.			
							Lockoff			
30							Max.			
							Lockoff			
31							Max.			
							Lockoff			
32							Max.			
							Lockoff			
33							Max.			
							Lockoff			
34							Max.			
							Lockoff			
35							Max.			
							Lockoff			
36							Max.			
							Lockoff			
37							Max.			
							Lockoff			
38							Max.			
							Lockoff			

As-Built Drilled Shaft Data				
Shaft No.	Top of Sound Rock (Elev.)	Tip of Casing (Elev.)	Bottom of Rock Socket (Elev.)	Remarks
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				

Note:
Indicate remarks in the remarks column.
As Built table to be completed by MoDOT construction personnel.

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Detailed: SMC 11/06/25
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STATE OF MISSOURI
HOWARD NELSON
GOTSCHALL II
NUMBER
PE-2004000786
PROFESSIONAL ENGINEER

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SHEET NO.
17

COUNTY
TANEY

JOB NO.
JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9800

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
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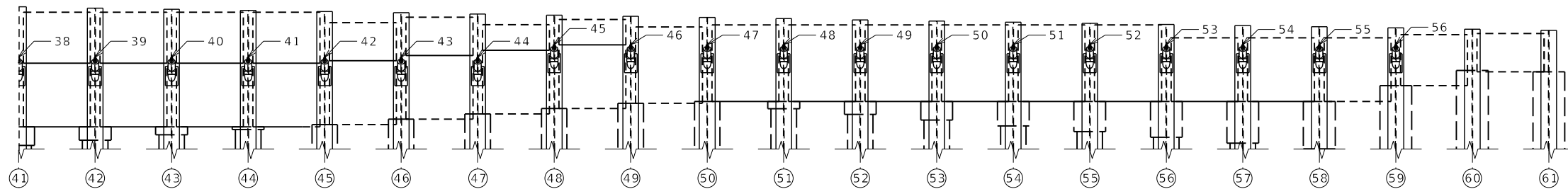
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PROOF TEST & AS BUILT TABLES



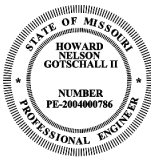
Proof Test Summary Table

Tie Back Number	Date		Length (ft)				Test Load (kips)		Total Elongation (in)	Creep During Hold (in)
	Grouted	Tested	Bond	Unbonded	Jack	Total				
39							Max.			
							Lockoff			
40							Max.			
							Lockoff			
41							Max.			
							Lockoff			
42							Max.			
							Lockoff			
43							Max.			
							Lockoff			
45							Max.			
							Lockoff			
46							Max.			
							Lockoff			
47							Max.			
							Lockoff			
48							Max.			
							Lockoff			
49							Max.			
							Lockoff			
50							Max.			
							Lockoff			
51							Max.			
							Lockoff			
52							Max.			
							Lockoff			
53							Max.			
							Lockoff			
54							Max.			
							Lockoff			
55							Max.			
							Lockoff			
56							Max.			
							Lockoff			

As-Built Drilled Shaft Data

Shaft No.	Top of Sound Rock (Elev.)	Tip of Casing (Elev.)	Bottom of Rock Socket (Elev.)	Remarks
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				

Note:
Indicate remarks in the remarks column.
As Built table to be completed by MoDOT construction personnel.



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11/06/25

ROUTE
76

STATE
MO

DISTRICT
BR

SHEET NO.
18

COUNTY
TANEY

JOB NO.
JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9800

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

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DESCRIPTION

BORING DATA

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Drilling Method: Continuous Flight Auger

Sheet No. 20 of 23

Drilling Method: Continuous Flight Auger

Missouri Department of Transportation
Construction and Materials

BORING NO. B-08
Page 1 of 1

Job No.: 24H0082 County: Taney Route: 76
Design: Skew: Location: Branson, Missouri
Bent: Logged By: Beya Kazadi Operator: Matt Robinson
Station: Northing: 293839.546 Date of Work: 02/05/25-02/05/25
Offset: Easting: 1431773.542 Depth to Water:
Elevation: 736.4 Requested Northing: Depth Hole Open:
Requested Station: Requested Easting: Time Change:
Requested Offset: Equipment: CME-55, Split-Spoon Sampler, NQ
Requested Elevation: Location Note:
Drill No.: Hammer Efficiency: 83% Drilling Method: Continuous Flight Auger

Depth (ft)	Graphic	Description	Elevation (ft)	Sample Type	REC % (RQD %)	Blow Counts (N ₆₀)	Shear Data	Field Tests	Index Tests
0		0.0-1.0' ASPHALT.							
		1.0-3.0' Light gray, SAND, with silt, trace gravel, dense.	735		44	14-15-22 (51)			Sieve Analysis Sieve # % Passing #200 18.0
		3.0-6.0' Tan brown and gray, SILT, with sand, scattered gravel, very dense.			50	25-28-23 (71)			LL = 17 PL = 15
5		6.0-16.0' Dolomite, gray to brownish gray, thick bedded, very hard, slightly weathered, fine grained, slightly fractured to unfractured.	730		85 (85)				
10		9.5' - Jointed.			100 (97)		Qu Test Results UCS = 3390 ksf		
		12.1' - Closed joint.	725						
15					98 (96)		Qu Test Results UCS = 4090 ksf		
		Bottom of borehole at 16.0 feet.							

N₆₀ = (Em/60)Nm N₆₀ - Corrected N value for standard 60% SPT efficiency; Em - Measured hammer efficiency in percent; Nm - Observed N-value
(1) = Assumed, (2) = Actual

Coordinate System: Modified U.S. State Plane 1983 Coordinate Zone: Missouri Central Coordinate Proj. Factor: 1.00004
Coordinate Datum: NAD 83 (CONUS) Coordinate Units: U.S. Survey Feet

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Missouri Department of Transportation
Construction and Materials

BORING NO. B-09
Page 1 of 1

Job No.: 24H0082 County: Taney Route: 76
Design: Skew: Location: Branson, Missouri
Bent: Logged By: Beya Kazadi Operator: Matt Robinson
Station: Northing: 293909.555 Date of Work: 02/07/25-02/07/25
Offset: Easting: 1431787.334 Depth to Water:
Elevation: 735.1 Requested Northing: Depth Hole Open:
Requested Station: Requested Easting: Time Change:
Requested Offset: Equipment: CME-55, Split-Spoon Sampler, NQ
Requested Elevation: Location Note:
Drill No.: Hammer Efficiency: 83% Drilling Method: Continuous Flight Auger

Depth (ft)	Graphic	Description	Elevation (ft)	Sample Type	REC % (RQD %)	Blow Counts (N ₆₀)	Shear Data	Field Tests	Index Tests
0		0.0-0.9' ASPHALT.	735						
		0.9-3.0' Dark gray mottled brown, SANDY GRAVEL, with clay, medium dense.			81	7-6-7 (18)			
		3.0-4.5' Dark gray, SAND, scattered silt, medium dense.			81	6-5-6 (15)			
5		4.5-5.5' Dark brown, SANDY GRAVEL, medium dense.	730						
		5.5-9.3' Dark brown, SILTY CLAY, scattered sand, very stiff, moist.			50	5-5-9 (19)		PP = 2.00 tsf	LL = 32 PL = 16 MC = 14.2%
		8.5' - Silt seam, with sand, trace gravel.							
10		9.3-10.5' Light brown, CLAYEY SAND, with gravel, loose, moist.	725		81	4-4-4 (11)		PP = 1.75 tsf	MC = 14.5% Sieve Analysis Sieve # % Passing #200 34.0
		10.5-12.0' Brown, SANDY CLAY, medium stiff, moist.						PP = 0.75 tsf	MC = 13.2%
		12.0-13.0' Light gray, GRAVEL, loose.			22	2-3-5 (11)			
		13.0-14.5' Brown, SILTY CLAY, with sand, stiff, moist.						PP = 1.25 tsf	MC = 15.4%
15		14.5-15.0' Light gray, GRAVEL, dense.	720		33	10-25-15 (55)			
		15.0-25.2' Dolomite, gray, medium to thick bedded, moderately hard to hard, slightly weathered, fine grained, intensely to moderately fractured.			96 (74)		Qu Test Results UCS = 1940 ksf		
20			715		'00 (97)		Qu Test Results UCS = 2830 ksf		
		22.9' - 3" Highly weathered seam.			'00 (74)				
25			710						
		Bottom of borehole at 25.2 feet.							

N₆₀ = (Em/60)Nm N₆₀ - Corrected N value for standard 60% SPT efficiency; Em - Measured hammer efficiency in percent; Nm - Observed N-value
(1) = Assumed, (2) = Actual

Coordinate System: Modified U.S. State Plane 1983 Coordinate Zone: Missouri Central Coordinate Proj. Factor: 1.00004
Coordinate Datum: NAD 83 (CONUS) Coordinate Units: U.S. Survey Feet

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Notes:

For locations of borings, see Sheet No. 2.

For Notice of Disclaimer Regarding Boring Log Data, see Sheet No. 1.

Designed: SMC 11/06/25
Detailed: SMC 11/06/25
Checked: HNG 11/06/25

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

Sheet No. 21 of 23

BORING DATA

STATE OF MISSOURI
HOWARD NELSON
GOTSCHALL II
NUMBER
PE-2004000786
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND
DATED ELECTRONICALLY.

DATE PREPARED
11/06/25

ROUTE
76

DISTRICT
BR

STATE
MO

SHEET NO.
21

COUNTY
TANEY

JOB NO.
JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9800

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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Missouri Department of Transportation
Construction and Materials

BORING NO. P-05

Page 1 of 1

Job No.: 24H0082

County: Taney

Route: 76

Design:

Skew:

Location: Branson, Missouri

Bent:

Logged By: Beya Kazadi

Operator: Matt Robison

Station:

Northing: 293983.19

Date of Work: 02/05/25-02/05/25

Offset:

Easting: 1431834.36

Depth to Water:

Elevation: 734.1

Requested Northing:

Depth Hole Open:

Requested Station:

Requested Easting:

Time Change:

Requested Offset:

Equipment: CME-55,NQ

Requested Elevation:

Location Note:

Drill No.:

Hammer Efficiency: 83%

Drilling Method: Continuous Flight Auger

Depth (ft)	Graphic	Description	Elevation (ft)	Sample Type	REC % (RQD %)	Blow Counts (N ₆₀)	Shear Data	Field Tests	Index Tests
0		0.0-5.8' Blind Drill.							
			730						
5		5.8-10.8' Dolomite, gray to brownish gray, medium to thick bedded, hard, fine grained, moderately to slightly fractured.			95 (92)		Qu Test Results UCS = 3120 ksf		
			725						
10		9.3' - Jointed.							
		Bottom of borehole at 10.8 feet.							

N₆₀ = (Em/60)Nm N₆₀ - Corrected N value for standard 60% SPT efficiency; Em - Measured hammer efficiency in percent; Nm - Observed N-value
(1) = Assumed, (2) = Actual

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Coordinate Datum: NAD 83 (CONUS) Coordinate Units: U.S. Survey Feet

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Designed: SMC 11/06/25
Detailed: SMC 11/06/25
Checked: HNG 11/06/25

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

Notes:

For locations of borings, see Sheet No. 3.

For Notice of Disclaimer Regarding Boring Log Data, see Sheet No. 1.

Missouri Department of Transportation
Construction and Materials

BORING NO. B-14

Page 1 of 2

Job No.: 24H0082

County: Taney

Route: 76

Design:

Skew:

Location: Branson, Missouri

Bent:

Logged By: Beya Kazadi

Operator: Eric Porter

Station:

Northing: 294000.1181

Date of Work: 08/21/25-08/22/25

Offset:

Easting: 1431876.7402

Depth to Water:

Elevation: 733.7

Requested Northing:

Depth Hole Open:

Requested Station:

Requested Easting:

Time Change:

Requested Offset:

Equipment: Diedrich D50,Split-Spoon Sampler, NQ

Requested Elevation:

Location Note:

Drill No.:

Hammer Efficiency: 79.3%

Drilling Method: Hollow Stem Auger

Depth (ft)	Graphic	Description	Elevation (ft)	Sample Type	REC % (RQD %)	Blow Counts (N ₆₀)	Shear Data	Field Tests	Index Tests
0		0.0-0.8' ASPHALT.							
		0.8-3.0' Dark gray to light gray, GRAVELLY SAND, dense.		X	78	18-17-14 (41)			
		3.0-5.5' Gray to light gray, SANDY GRAVEL, very dense, Boulder.	730	X	45	13-50/0.4'			
5		5.5-6.8' Light gray, SAND, scattered gravel, dense.		X	44	12-17-11 (37)			
		6.8-8.0' Tan brown, CLAYEY SAND, trace gravel, dense, moist.							
		8.0-9.0' Brown, SANDY CLAY, stiff, moist.	725	X	00	50/0.3'		PP = 1.58 tsf	
10		9.0-50.5' Dolomite, light gray, medium bedded, moderately hard to hard, slightly weathered.			75 (75)		Qu Test Results UCS = 1720 ksf		
			720		97 (97)				
15		15.0' - Moderately to slightly fractured, shale seam.			00 (98)				
			715						
20		22.5' - Vuggy.			93 (82)				
			710						
25		24.5' - 2" Brown sandstone seam, scattered chert.							

N₆₀ = (Em/60)Nm N₆₀ - Corrected N value for standard 60% SPT efficiency; Em - Measured hammer efficiency in percent; Nm - Observed N-value
(1) = Assumed, (2) = Actual

Coordinate System: Modified U.S. State Plane 1983 Coordinate Zone: Missouri Central Coordinate Proj. Factor: 1.00004

Coordinate Datum: NAD 83 (CONUS) Coordinate Units: U.S. Survey Feet

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STATE OF MISSOURI
HOWARD NELSON
GOTSCHALL II
NUMBER
PE-2004000786
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
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DATED ELECTRONICALLY.

DATE PREPARED
11/06/25

ROUTE
76

STATE
MO

DISTRICT
BR

SHEET NO.
22

COUNTY
TANEY

JOB NO.
JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9800

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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Missouri Department of Transportation
Construction and Materials

BORING NO. B-14

Page 2 of 2

Job No.: 24H0082

Design:

Bent:

Station:

Offset:

Elevation: 733.7

Requested Station:

Requested Offset:

Requested Elevation:

Drill No.:

County: Taney

Skew:

Logged By: Beya Kazadi

Northing: 294000.1181

Easting: 1431876.7402

Requested Northing:

Requested Easting:

Equipment: Diedrich D50, Split-Spoon Sampler, NQ

Location Note:

Hammer Efficiency: 79.3%

Route: 76

Location: Branson, Missouri

Operator: Eric Porter

Date of Work: 08/21/25-08/22/25

Depth to Water:

Depth Hole Open:

Time Change:

Drilling Method: Hollow Stem Auger

Depth (ft)	Graphic	Description	Elevation (ft)	Sample Type	REC % (RQD %)	Blow Counts (N ₆₀)	Shear Data	Field Tests	Index Tests
30		25.0' - Tan gray, very thin bedded, intensely fractured. 9.0-50.5' Dolomite, light gray, medium bedded, moderately hard to hard, slightly weathered, (continued) 28.2' - 2" Bluish gray chert seam. 29.0' - 2" Bluish gray chert seam.	705		100 (20)				
35		32.8' - Medium to thick bedded, oderately fractured, with chert seams	700		93 (47)				
40		35.0' - Light gray, moderately to slightly fractured, no chert. 38.5' - 5" Chert seam.	695		100 (89)				
45		40.5' - Thin bedded, intensely fractured, cherty. 43.0' - Medium bedded, moderately fractured, chert seam.	690		100 (38)				
50		45.5' - Light to tan gray.	685		97 (68)				
		Bottom of borehole at 50.5 feet.							

$N_{60} = (Em/60)Nm$
 N_{60} - Corrected N value for standard 60% SPT efficiency; Em - Measured hammer efficiency in percent; Nm - Observed N-value
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Coordinate System: Modified U.S. State Plane 1983
 Coordinate Zone: Missouri Central
 Coordinate Proj. Factor: 1.00004

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 Coordinate Units: U.S. Survey Feet

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Notes:

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For Notice of Disclaimer Regarding Boring Log Data, see Sheet No. 1.

Designed: SMC
 Detailed: SMC
 Checked: HNG

11/06/25
 11/06/25
 11/06/25

STATE OF MISSOURI

HOWARD NELSON GOTSCHALL II

NUMBER FE-200400786

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/06/25

ROUTE 76 STATE MO

DISTRICT BR SHEET NO. 23

COUNTY TANEY

JOB NO. JSR0326

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9800

DESCRIPTION

DATE

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