DESIGN DESIGNATION

A.A.D.T. - 2027 = 5804
A.A.D.T. - 2047 = 6413
D.H.V. = 696.5
T = 19%
V = 45 M.P.H.
D = 50%
FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

NO RIGHT OF WAY REQUIRED
FOR THIS PROJECT

CONVENTIONAL SYMBOLS
(USED IN PLANS)

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

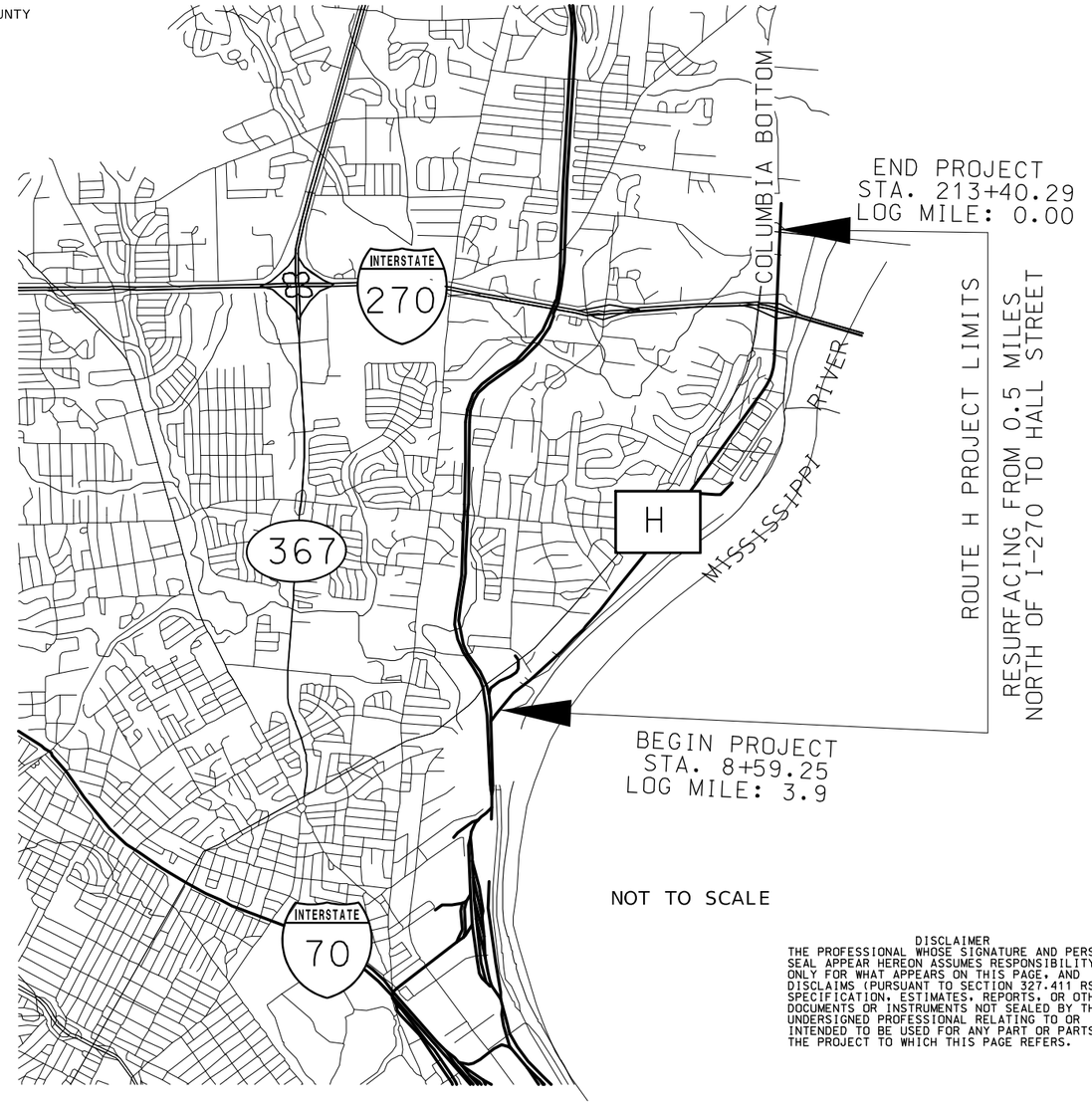
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY



KEY MAP
LOCATION OF
ST. LOUIS CITY COUNTY

ST. LOUIS CITY



NOT TO SCALE

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (2 SHEETS)	2
QUANTITIES (QU) (5 SHEETS)	3
PLAN (PP)	4-14
COORDINATE POINTS (CP)	15
TRAFFIC CONTROL SHEETS (TC)	16-20
SIGNALS (SG)	21-32
PAVEMENT MARKING (PM)	33-42

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA.	8+59.25
END OF PROJECT	STA.	213+40.29
APPARENT LENGTH		20481.04 FEET
EQUATIONS AND EXCEPTIONS:		
TOTAL CORRECTIONS		0 FEET
NET LENGTH OF PROJECT		20481.04 FEET
STATE LENGTH		3.879 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES		0 ACRES

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
11/02/2026 12:40:22 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

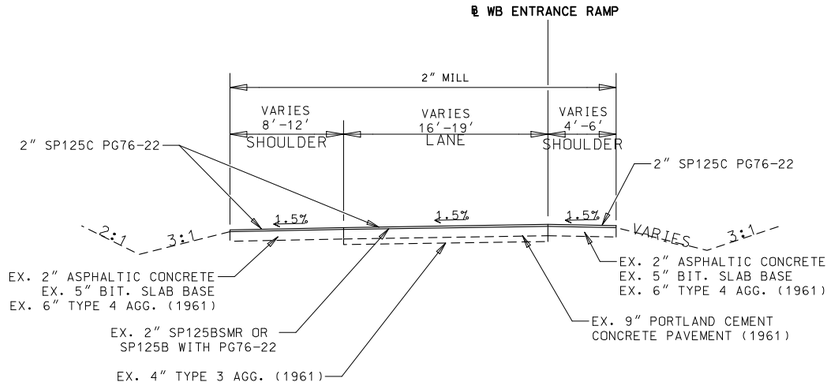
DATE PREPARED: 11/2/2026
ROUTE: H
STATE: MO
DISTRICT: SL
SHEET NO.: 1
COUNTY: ST. LOUIS CITY
JOB NO.: JSL0065
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

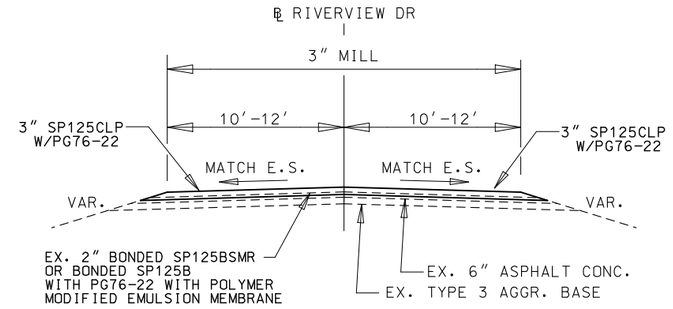
TITLE SHEET

NOT TO SCALE



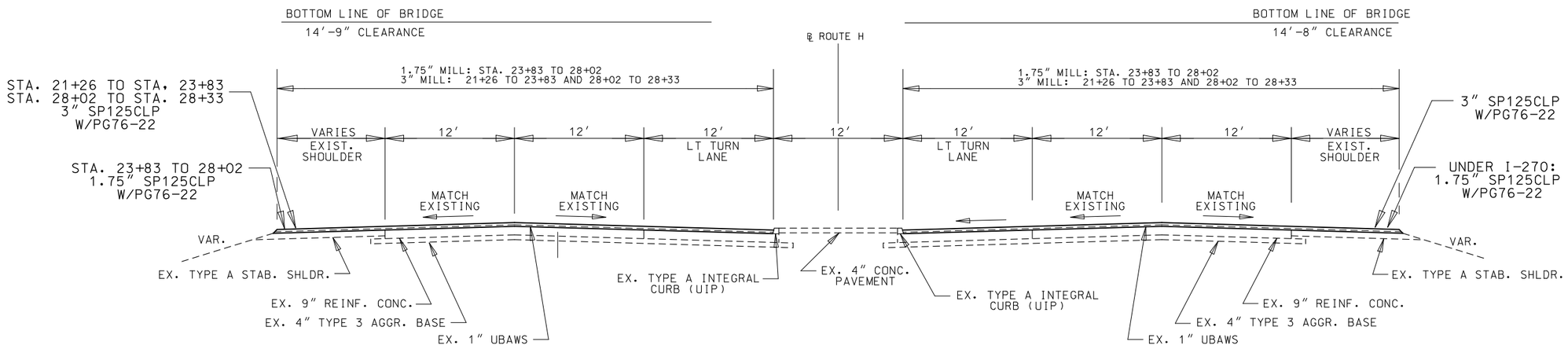
TYPICAL SECTION
I-270 WB ENTRANCE RAMP

STA 0+00 TO STA 3+76.57



TYPICAL SECTION
RIVERVIEW DRIVE (RTE H)

STA. 199+02.87
TO STA. 213+40.29



TYPICAL SECTION
RIVERVIEW DRIVE (RTE. H)

STA. 183+91.56 TO STA. 199+02.87

APPLICATION RATES:

SP125C:	1.94 CYD/TON
SP125CLP	1.94 CYD/TON

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
11/02/2026 12:42:00 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
11/2/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

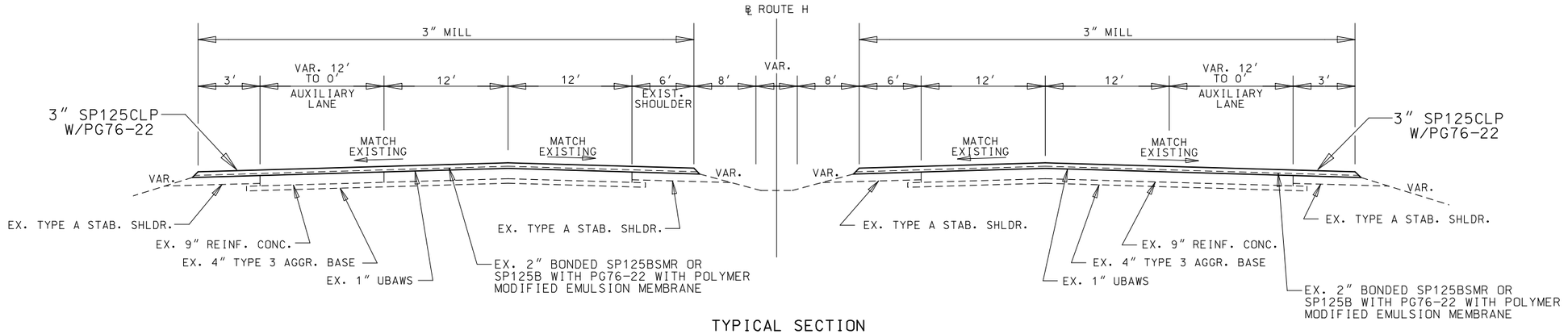
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTION
SHEET 1 OF 2

APPLICATION RATES:

SP125C: 1.94 CYD/TON
SP125CLP 1.94 CYD/TON

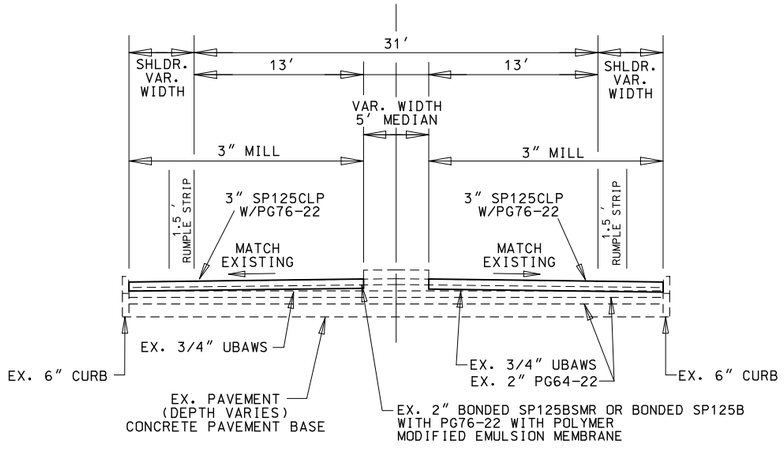
NOT TO SCALE



TYPICAL SECTION

RIVERVIEW DRIVE (RTE. H)

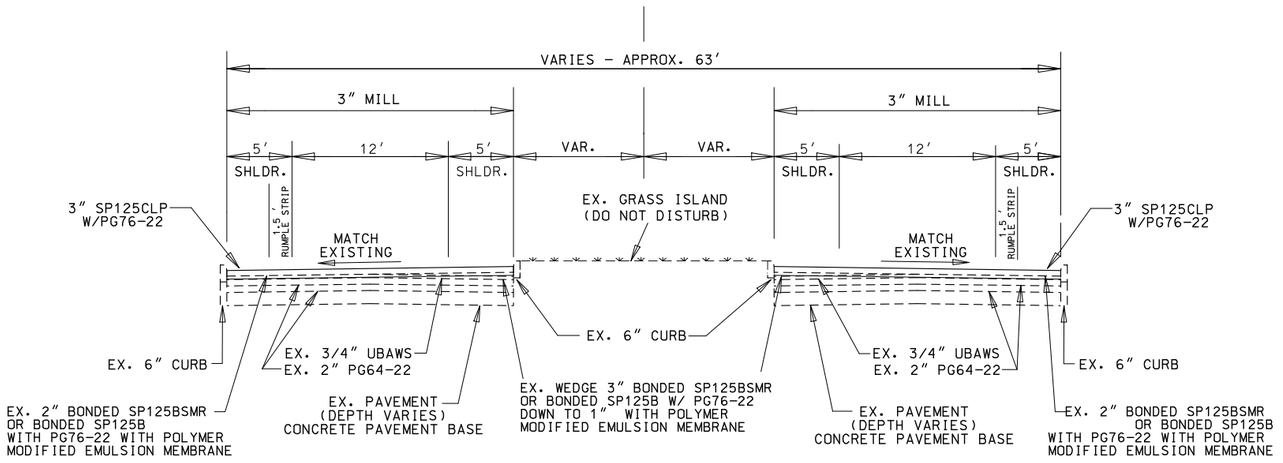
STA. 176+37.83 to STA. 183+91.56



TYPICAL SECTION

RIVERVIEW DRIVE (RTE H)

STA. 176+37.83 TO STA. 36+74.49



TYPICAL SECTION

RIVERVIEW DRIVE (RTE. H)

STA. 36+74.49 to STA. 8+59.25

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
11/02/2026 12:47:24 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
11/2/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TYPICAL SECTION
SHEET 2 OF 2

REMOVALS OF IMPROVEMENTS

SHEET NO.	BEGIN STATON	END STATION	ROUTE	LOCATION	REMOVALS (EACH)
5	37+04.7		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
6	43+52.0		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
6	52+01.6		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
6	56+82.4		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
7	63+58.9		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
7	69+50.7		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
7	75+96.0		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
7	82+14.3		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
8	88+64.9		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
8	93+49.1		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
8	99+11.2		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
8	101+65.0		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
9	108+14.1		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
9	114+63.5		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
9	120+36.9	120+51.9	ROUTE H	LF	REMOVE EX. SIDEWALK (ST. LOUIS RIVERFRONT TRAIL)
9	121+14.6		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
9	123+41.9		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
9	127+64.6		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
9	120+4.4		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
10	134+14.9		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
10	140+64.9		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
10	147+13.8		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
11	153+27.7		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
11	159+87.7		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
11	167+38.3		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
12	173+09.3		ROUTE H	LT	REMOVE MANHOLE COVER AND FRAME
11	167+26.5	167+47.5	ROUTE H	LT/RT	REMOVE EX. SIDEWALK (ST. LOUIS RIVERFRONT TRAIL)
21	161+09.9		ROUTE H	RT	REMOVE EX. FLASHER-SIGN ASSEMBLY
21	167+01.6		ROUTE H	LT	REMOVE SIGNAL POST, MAST ARM, 2 SIGNAL HEADS, FOUNDATION
21	167+30.4		ROUTE H	RT	REMOVE SIGNAL POST, PED HEAD, SIGNAL HEAD, PUSH BUTTON, FOUNDATION
21	167+35.7		ROUTE H	RT	SIGNAL CABINET, CONTROLLER, FOUNDATION, 2 PULL BOXES
21	167+43.0		ROUTE H	LT	REMOVE SIGNAL POST, PED HEAD, SIGNAL HEAD, PUSH BUTTON, FOUNDATION
21	167+69.5		ROUTE H	RT	REMOVE SIGNAL POST, MAST ARM, 2 SIGNAL HEADS, FOUNDATION
21	171+27.3		ROUTE H	LT	REMOVE EX. FLASHER-SIGN ASSEMBLY
27	114+88.5		ROUTE H	RT	REMOVE EX. FLASHER-SIGN ASSEMBLY
27	119+94.8		ROUTE H	LF	REMOVE SIGNAL POST, MAST ARM, 2 SIGNAL HEADS, FOUNDATION
27	120+21.0		ROUTE H	RT	SIGNAL CABINET, CONTROLLER, FOUNDATION, 2 PULL BOXES
27	120+32.2		ROUTE H	RT	REMOVE SIGNAL POST, PED HEAD, SIGNAL HEAD, PUSH BUTTON, FOUNDATION
27	120+55.7		ROUTE H	LT	REMOVE SIGNAL POST, PED HEAD, SIGNAL HEAD, PUSH BUTTON, FOUNDATION
27	120+79.8		ROUTE H	RT	REMOVE SIGNAL POST, MAST ARM, 2 SIGNAL HEADS, FOUNDATION
27	124+10.5		ROUTE H	LT	REMOVE EX. FLASHER-SIGN ASSEMBLY
				PAY TOTAL	1 LUMP SUM

ADJUST TO GRADE

SHEET NO.	STATON	LOCATION	ADJUSTING WATER VALVES (EACH)	REMARKS
10	140+17	LT	1	
10	141+39	LT	1	
11	154+91	LT	1	
11	163+64	LT	1	
11	164+40	LT	1	
12	180+26	LT	1	
13	193+31	LT	1	
13	193+76	LT	1	
13	202+31	LT	1	
		SUBTOTALS	9	
		PAY TOTALS	9	

LUMP SUMS

MOBILIZATION	1 LUMP SUM
TRAFFIC CONTROL	1 LUMP SUM
CONTRACTOR FURNISHED SURVEYING AND STAKING	1 LUMP SUM
TRAFFIC SIGNAL MAINTENANCE & PROGRAMMING	1 LUMP SUM

PAVEMENT RESURFACING

PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	AREA OF PAVEMENT (S.Y)	3" ASPHALTIC CONCRETE MIXTURE SP125CLP PG76-22 (TONS)	1.75" ASPHALTIC CONCRETE MIXTURE SP125CLP PG76-22 (TONS)	2" ASPHALTIC CONCRETE MIXTURE SP125C PG76-22 (TONS)	COLDMILL GREATER THAN 3" (S.Y.)	COLDMILL LESS THAN 3" (S.Y.)	TACK COAT (GAL)
4	RT H	8+59	20+00	5888.29	951.94	-		5888.29	-	883.24
5	RT H	20+00	41+60	11045.78	1785.73	-		11045.78	-	1656.87
6	RT H	41+60	63+20	8146.54	1317.02	-		8146.54	-	1221.98
7	RT H	63+20	84+80	8852.83	1431.21	-		8852.83	-	1327.92
8	RT H	84+80	106+40	8733.82	1411.97	-		8733.82	-	1310.07
9	RT H	106+40	128+00	8972.36	1450.53	-		8972.36	-	1345.85
10	RT H	128+00	149+60	8296.07	1341.20	-		8296.07	-	1244.41
11	RT H	149+60	171+20	8473.92	1369.95	-		8473.92	-	1271.09
12	RT H	171+20	192+80	13069.58	1932.96	104.97		11904.16	1113.10	1960.44
13	RT H	192+80	213+40	9070.70	1466.43	-		9070.70	-	1360.61
12&14	I-270 ON-RAMP	0+00	3+77	3556.40	-	-	383.30	-	3556.40	533.46
				SUBTOTALS	14458.9	105.0	383.3	89384.5	4669.5	14115.9
				PAY TOTALS	14564		384.0	89385	4670	14116

SUMMARY OF QUANTITIES
SHEET 1 OF 5

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
11/02/2026 2:52:20 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
11/2/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

QUANTITY SHEET

SUMMARY OF SIGNAL QUANTITIES : D37A

SHEET NO.	INTERSECTION	BASE CONCRETE C.Y.	PULL BOX PREFORMED CONCRETE CLASS 2 EACH	PULL BOX PREFORMED CONCRETE CLASS 3 EACH	POST TOP MOUNT 8 FT EACH	POST TYPE C 30 FT ARM EACH	POST TYPE C 35 FT ARM EACH	COUNTDOWN PEDESTRIAN TYPE 1S EACH	SIGNAL HEAD TYPE 3S EACH	SIGNAL HEAD TYPE 3B EACH
22	ST. LOUIS RIVERFRONT TRAIL - NORTH	6.9	2.0	1.0	2.0	2.0	-	2.0	2.0	4.0
28	ST. LOUIS RIVERFRONT TRAIL - SOUTH	6.9	2.0	1.0	2.0	-	2.0	2.0	2.0	4.0
	SUBTOTALS	13.8	4.0	2.0	4.0	2.0	2.0	4.0	4.0	8.0
	PAY TOTALS	13.8	4.0	2.0	4.0	2.0	2.0	4.0	4.0	8.0

SUMMARY OF SIGNAL QUANTITIES : D37B

SHEET NO.	INTERSECTION	CONDUIT TRENCHED 2" LF	CONDUIT TRENCHED 3" LF	CONDUIT PUSHED 3" LF	CABLE POWER 1c-#8 LF	CABLE CONTROL 2c-#16 LF	CABLE CONTROL 5c-#16 LF	CABLE CONTROL 7c-#16 LF
23	ST. LOUIS RIVERFRONT TRAIL - NORTH	14.0	120.0	96.0	80.0	220.0	220.0	890.0
29	ST. LOUIS RIVERFRONT TRAIL - SOUTH	30.0	146.0	122.0	130.0	340.0	340.0	1090.0
	SUBTOTALS	44.0	266.0	218.0	210.0	560.0	560.0	1980.0
	PAY TOTALS	44.0	266.0	218.0	210.0	560.0	560.0	1980.0

SUMMARY OF SIGNAL QUANTITIES : D37C

SHEET NO.	INTERSECTION	ACCESSIBLE PEDESTRIAN SIGNAL (APS) PUSH BUTTON & SIGN EACH	SIGNAL CABINET CONTROLLER ASSEMBLY HOUSING NEMA TS2 EACH	SIGNAL CONTROLLER ATC TRAFFIC SIGNAL CONTROLLER EACH
24	ST. LOUIS RIVERFRONT TRAIL - NORTH	2	1	1
30	ST. LOUIS RIVERFRONT TRAIL - SOUTH	2	1	1
	SUBTOTALS	4	2	2
	PAY TOTALS	4	2	2

LIGHTING AND SOLAR FLASHERS

SHEET NO.	STATON	OFFSET FT	RELOCATE CITY LIGHT EACH	INSTALL NEW CITY LIGHT EACH	INTERSECTION WARNING FLASHER ASSEMBLY EACH	REMARKS
21	161+09.9	25.2 RT			1	
21	167+04.9	23.9 RT	1			RELOCATE FROM STA. 167+63.7
21	167+70.3	22.6 LF		1		
21	171+27.3	24.3 LF			1	
27	114+88.5	23.7 RT			1	
27	120+10.5	21.3 RT	1			RELOCATE FROM STA. 120+60.0
27	120+76.9	21.3 LT		1		
27	124+10.5	23.1 LT			1	
	SUBTOTALS		2	2	4	
	PAY TOTALS		2	2	4	

INSTALL OR RELOCATE EXISTING COMMUNICATION EQUIPMENT

SHEET NO.	INTERSECTION	INSTALL OR RELOCATE EXSITING COMMUNICATION EQUIPMENT EACH
24	ST. LOUIS RIVERFRONT TRAIL - NORTH	1
30	ST. LOUIS RIVERFRONT TRAIL - SOUTH	1
	SUBTOTALS	2
	PAY TOTALS	2

SUMMARY OF QUANTITIES
SHEET 2 OF 5

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:32:45 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE H | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY
ST. LOUIS CITY
JOB NO.
JSL0065
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

QUANTITY SHEET

FULL DEPTH PAVEMENT AND PAVEMENT REPAIR

SHEET NO.	STATION	LENGTH FT	WIDTH FT	TOTAL AREA SF	FURNISHING AND PLACING CONCRETE MATERIAL FOR PVMT REPAIR SY	FULL DEPTH PAVEMENT REPAIR SAWCUT LF	DOWEL BARS (DRILLING, FURNISHING, AND PLACING) EACH	SUBGRADE COMPACTION 6" DEPTH SY	TYPE I OR V AGG FOR BASE, 4" DEPTH SY	CONCRETE BASE 6" NON-REINFORCED SY	TRUNCATED DOMES SF	REMARKS
5	37+04.7	6	12	72	8	36	22	8.0	8	-	-	
6	43+52.0	6	12	72	8	36	22	8.0	8	-	-	
6	52+01.6	6	12	72	8	36	22	8.0	8	-	-	
6	56+82.4	6	12	72	8	36	22	8.0	8	-	-	
7	63+58.9	6	12	72	8	36	22	8.0	8	-	-	
7	69+50.7	6	12	72	8	36	22	8.0	8	-	-	
7	75+96.0	6	12	72	8	36	22	8.0	8	-	-	
7	82+14.3	6	12	72	8	36	22	8.0	8	-	-	
8	88+64.9	6	12	72	8	36	22	8.0	8	-	-	
8	93+49.1	6	12	72	8	36	22	8.0	8	-	-	
8	99+11.2	6	12	72	8	36	22	8.0	8	-	-	
8	101+65.0	6	12	72	8	36	22	8.0	8	-	-	
9	108+14.1	6	12	72	8	36	22	8.0	8	-	-	
9	114+63.5	6	12	72	8	36	22	8.0	8	-	-	
9	121+14.6	6	12	72	8	36	22	8.0	8	-	-	
9	123+41.9	12	12	144	16	48	22	16.0	16	-	-	
9	127+64.6	6	12	72	8	36	22	8.0	8	-	-	
9	120+4.4	-	-	-	-	-	-	-	25.0	25.0	30.0	15' X 15' PAD, WEST SIDE
10	134+14.9	6	12	72	8	36	22	8.0	8	-	-	
10	140+64.9	6	12	72	8	36	22	8.0	8	-	-	
10	147+13.8	6	12	72	8	36	22	8.0	8	-	-	
11	153+27.7	6	12	72	8	36	22	8.0	8	-	-	
11	159+87.7	6	12	72	8	36	22	8.0	8	-	-	
11	167+38.3	-	-	-	-	-	-	-	69.4	69.4	80	20' X 10' PAD, 20' X 20'
12	173+09.3	6	12	72	8	36	22	8.0	8	-	-	
*	*	VARIES	VARIES	VARIES	450	539	460	300	450	-	-	*AS DIRECTED BY ENGINEER
				SUBTOTALS	642	1379	966	492	736.4	94.4	110	
				PAY TOTALS	642	1379	966	492	737	94.4	110	

PERMANENT PAVEMENT MARKINGS

PAVEMENT MARKING SHEET NO	ROADWAY	BEGIN STATION	END STATION	CLASS 2 PAVEMENT MARKING PAINT 25-MIL, TYPE L BEADS 6" YELLOW SOLID LF	6" WHITE SOLID LF	6" WHITE INTERMITTENT LF	6" WHITE DOTTED LF	THERMOPLASTIC 24" SOLID WHITE LF	THERMOPLASTIC 24" SOLID YELLOW LF	THERMOPLASTIC 6" SOLID WHITE LF	BITUMINOUS SHOULDER RUMPLE STRIP 100 FT	REMARKS
33	ROUTE H	4+73.8	20+00	2392.4	2381.5	-	-	-	34.9		23.5	
34	ROUTE H	20+00	41+60	3931.4	4201.8	-	-	35.3	-		35.0	
35	ROUTE H	41+60	63+20	4529.3	4529.3	-	-	-	-		45.3	
36	ROUTE H	63+20	84+80	4304.5	4648.4	-		70.0	61.4	19.4	38.6	
37	ROUTE H	84+80	106+40	4016.6	4426.8	-	-	93.9	46.3		38.4	
38	ROUTE H	106+40	128+00	3726.5	4232.1	-	-	113.7	-		37.6	
39	ROUTE H	128+00	149+60	4317.2	4317.2	-	-	-	-		43.2	
40	ROUTE H	149+60	171+20	4223.8	4306.0	-	-	80.0	-		40.8	
41	ROUTE H	171+20	192+80	3496.1	5788.4	526.6	145.1	342.7	-		10.3	
42	ROUTE H	192+80	213+40.3	4151.0	4381.0	241.0	245.0	-	-		-	
			SUBTOTALS	39089	43213	768	390	736	143	19.4	312.7	
			PAY TOTALS	39089	44371			736	143	20	312.7	

SUMMARY OF QUANTITIES
SHEET 3 OF 5

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:38:55 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED 9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	3

COUNTY: ST. LOUIS CITY
JOB NO.: JSL0065
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

QUANTITY SHEET

PERMANENT PAVEMENT MARKING - SYMBOLS

PREFORMED THERMOPLASTIC PAVEMENT MARKING									PVMT MARKING REMOVALS	
PAVEMENT MARKING SHEET NO	ROADWAY	STATION	LEFT ARROW EA	RIGHT ARROW EA	LANE REDUCTION ARROW EA	ONLY EA	24" WHITE YIELD TRIANGLES EA	U-TURN ARROW EA	PAVEMENT MARKING REMOVAL SYMBOL EA	REMARKS
33	ROUTE H	8+70			1					
33	ROUTE H	8+97	1							
33	ROUTE H	18+16			1					
34	ROUTE H	35+45	1							
34	ROUTE H	36+32	1							
36	ROUTE H	64+49	1							
36	ROUTE H	64+90	1							
36	ROUTE H	65+78						1		
36	ROUTE H	66+03				1				
36	ROUTE H	66+24						1		
36	ROUTE H	74+12	1							
36	ROUTE H	74+56	1							
36	ROUTE H	75+72	1				3		6	
37	ROUTE H	92+36	1							
37	ROUTE H	92+79	1							
37	ROUTE H	100+09		1						
37	ROUTE H	100+13	1							
37	ROUTE H	100+46		1						
37	ROUTE H	100+56	1							
37	ROUTE H	101+58					4			
37	ROUTE H	101+90	1							
37	ROUTE H	102+23	1							
38	ROUTE H	122+61		1						
38	ROUTE H	123+50		1						
40	ROUTE H	163+09		1						
40	ROUTE H	163+65		1						
41	ROUTE H	181+83			1					
41	ROUTE H	182+44		1						
41	ROUTE H	183+17			1					
41	ROUTE H	183+40		1						
41	ROUTE H	186+39	1							
41	ROUTE H	186+49	1							
41	ROUTE H	187+20	1							
41	ROUTE H	188+22	1							
41	ROUTE H	188+27	1							
41	ROUTE H	188+87								
41	ROUTE H	189+73								
41	ROUTE H	191+90		1						
41	ROUTE H	192+00			1					
42	ROUTE H	193+69			1					
42	ROUTE H	193+90		1						
42	ROUTE H	195+26		1						
42	ROUTE H	198+04		1						
42	ROUTE H	199+47		1						
		SUBTOTALS	19	13	6	1	7	2	6	
		PAY TOTALS	32		6	1	7	2	6	

SUMMARY OF QUANTITIES
SHEET 4 OF 5

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:39:23 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE H | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS CITY
JOB NO. JSL0065
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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

QUANTITY SHEET

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00	1	16.00				BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00	1	16.00				MERGE (LEFT)
WO4-1aR	48X48	16.00	1	16.00				MERGE (RIGHT)
WO5-1	48X48	16.00	2	32.00				ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00	2	10.00				NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	4	64.00				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00	4	64.00				ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	2	32.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	1	16.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00	2	32.00				SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00						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						WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00						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						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00	2	20.00				ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50	2	25.00				ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL 343

616-10.10 RELOCATED SIGNS	TOTAL 0

NOTES:

(1) NO DIRECT PAY WILL BE MADE FOR RELOCATING SIGNS

(2) SIGN & DEVICE LOCATION WILL BE FIELD VERIFIED & APPROVED BY THE ENGINEER

(3) CMS LOCATIONS TO BE DETERMINED BY ENGINEER

EFFECTIVE: 07-01-2025

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	60	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030	8	TYPE 3 MOVEABLE BARRICADE
6161033	10	DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A	**2	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
6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

** NOT INCLUDED IN LUMP SUM TRAFFIC CONTROL

SUMMARY OF QUANTITIES

SHEET 5 OF 5

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:39:49 PM
HEATHER M.COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED: 9/28/2026

ROUTE: H | STATE: MO

DISTRICT: SL | SHEET NO.: 3

COUNTY: ST. LOUIS CITY

JOB NO.: JSL0065

CONTRACT ID.:

PROJECT NO.:

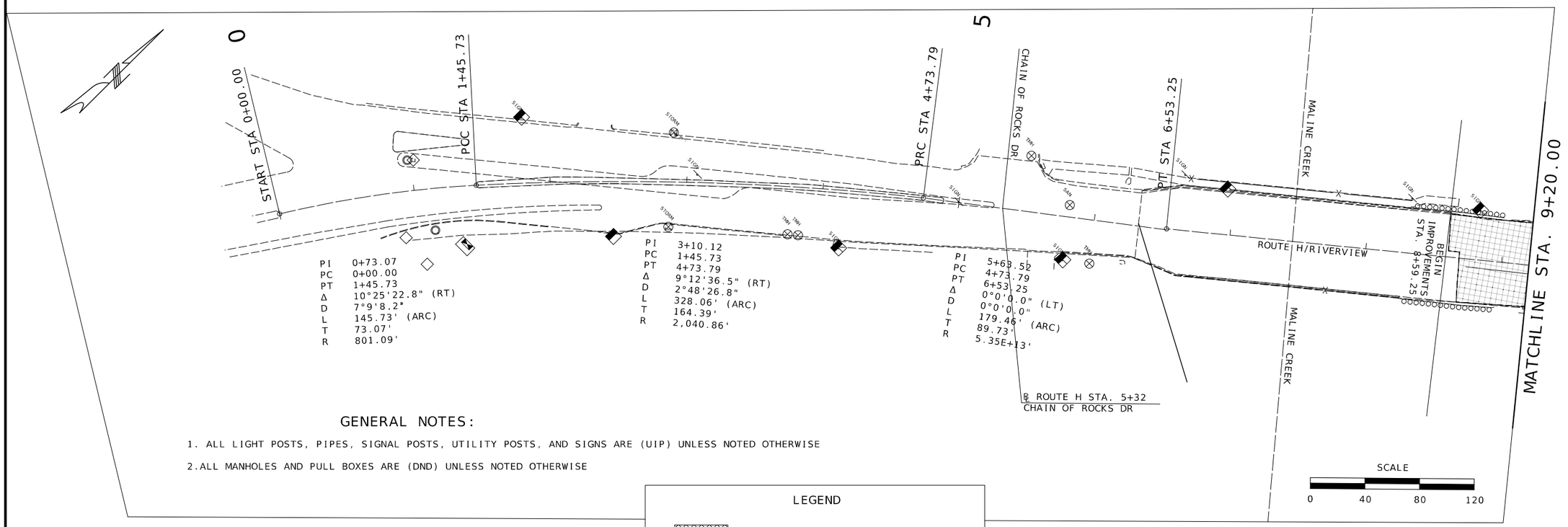
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

QUANTITY SHEET

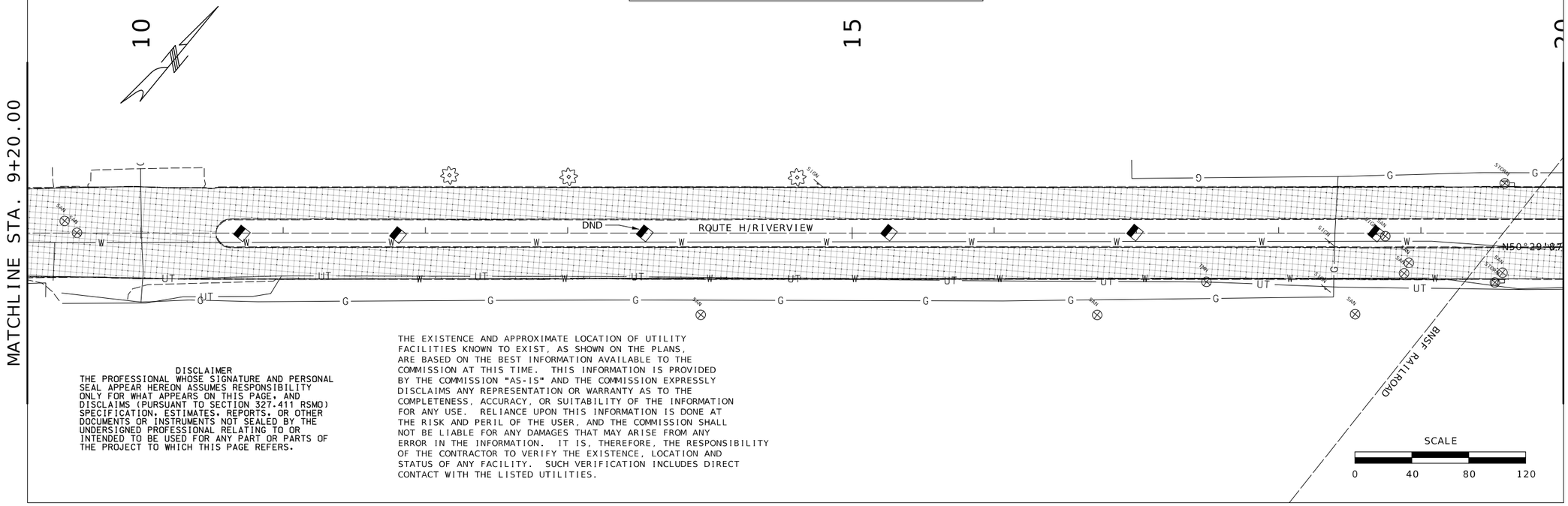


GENERAL NOTES:

1. ALL LIGHT POSTS, PIPES, SIGNAL POSTS, UTILITY POSTS, AND SIGNS ARE (UIP) UNLESS NOTED OTHERWISE
2. ALL MANHOLES AND PULL BOXES ARE (DND) UNLESS NOTED OTHERWISE

LEGEND

3" MILL/FILL SP125CLP W/ PG76-22



DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

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.

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:40:11 PM
HEATHER M COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	4

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

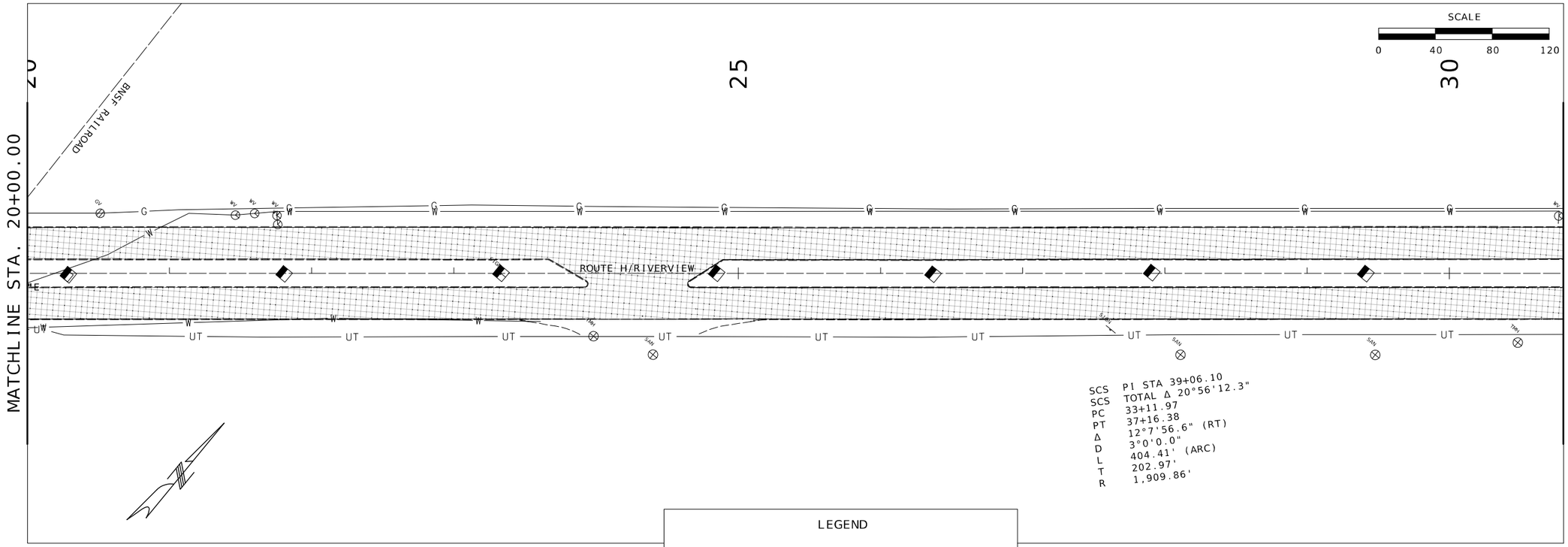
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

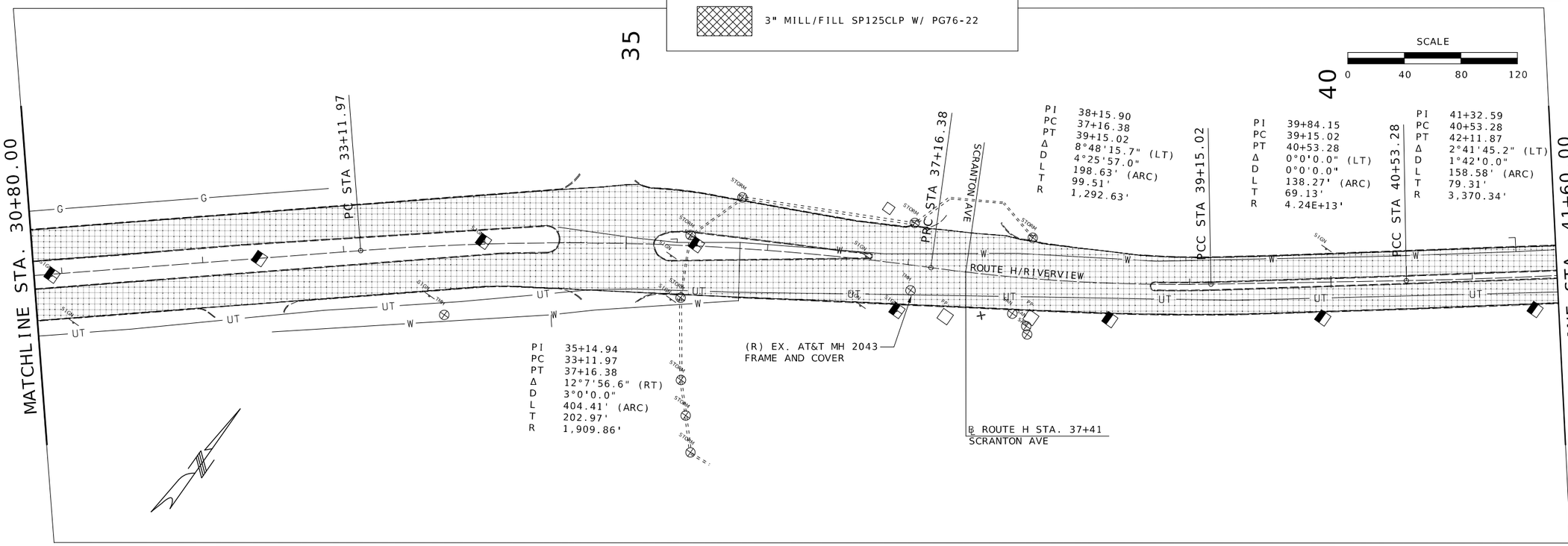
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
SHEET 1 OF 11



LEGEND

3" MILL/FILL SP125CLP W/ PG76-22



STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:40:31 PM
HEATHER M.COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	5

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

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BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 2 OF 11

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER

09/28/2026 3:40:53 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED	9/28/2026
ROUTE	H
STATE	MO
DISTRICT	SL
SHEET NO.	6
COUNTY	ST. LOUIS CITY
JOB NO.	JSL0065
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

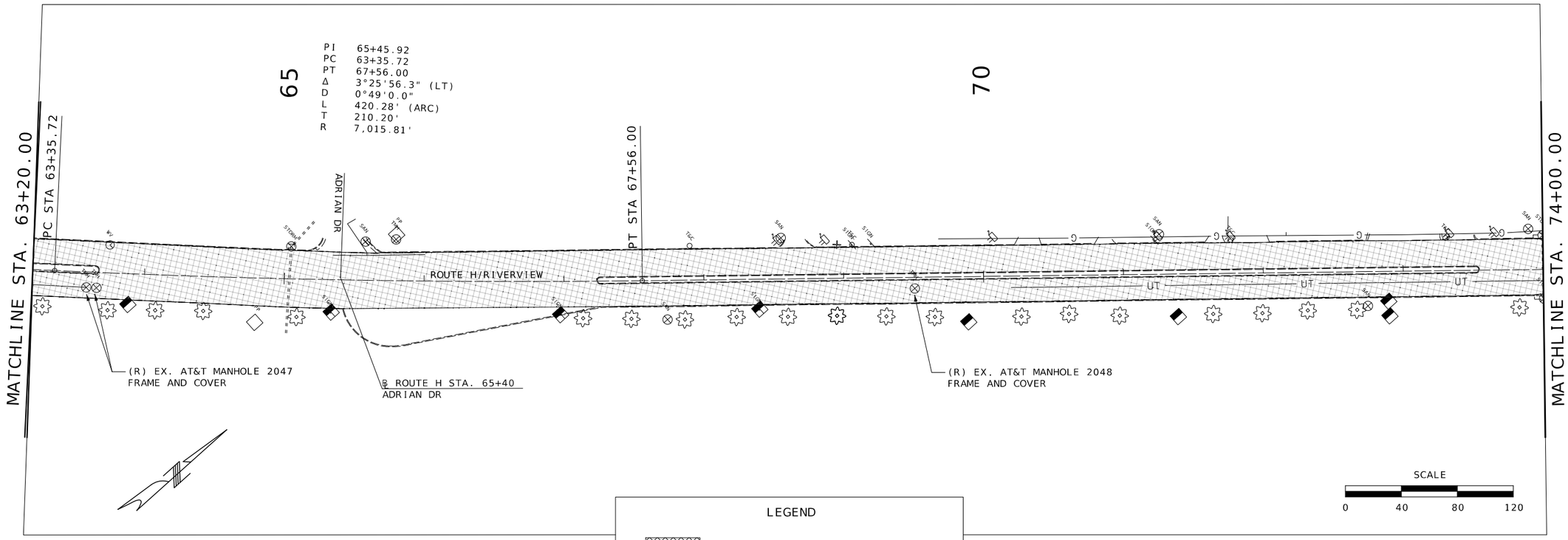
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

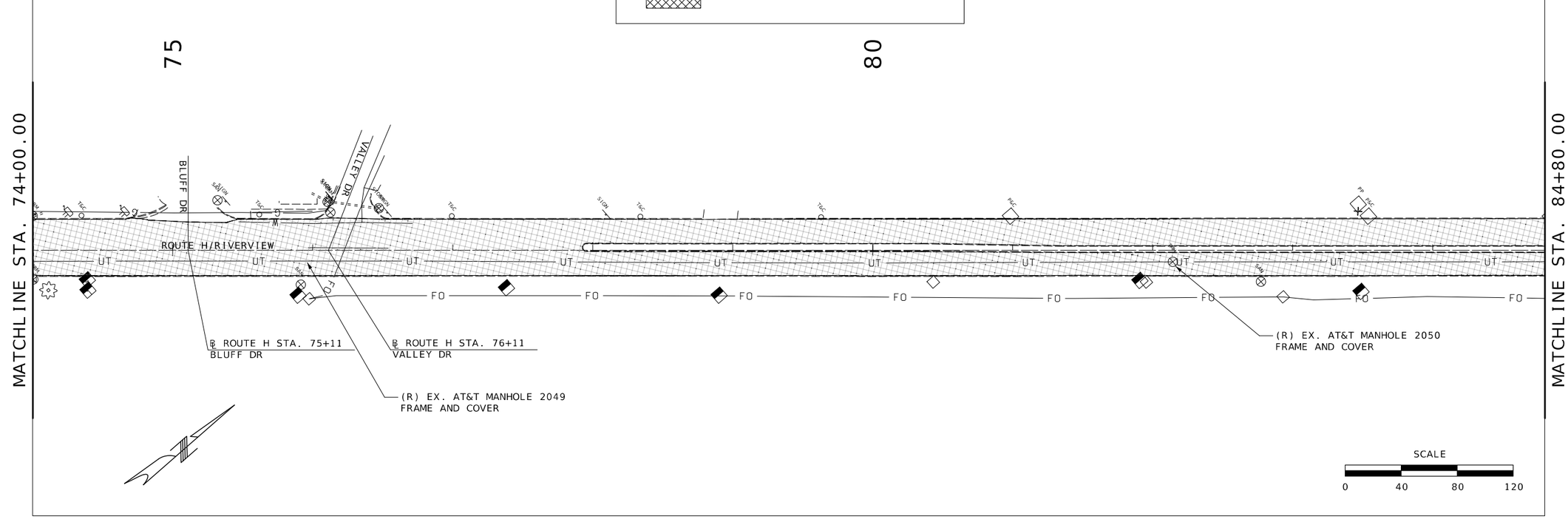
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
SHEET 3 OF 11



LEGEND

3" MILL/FILL SP125CLP W/ PG76-22



STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:41:10 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	7

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

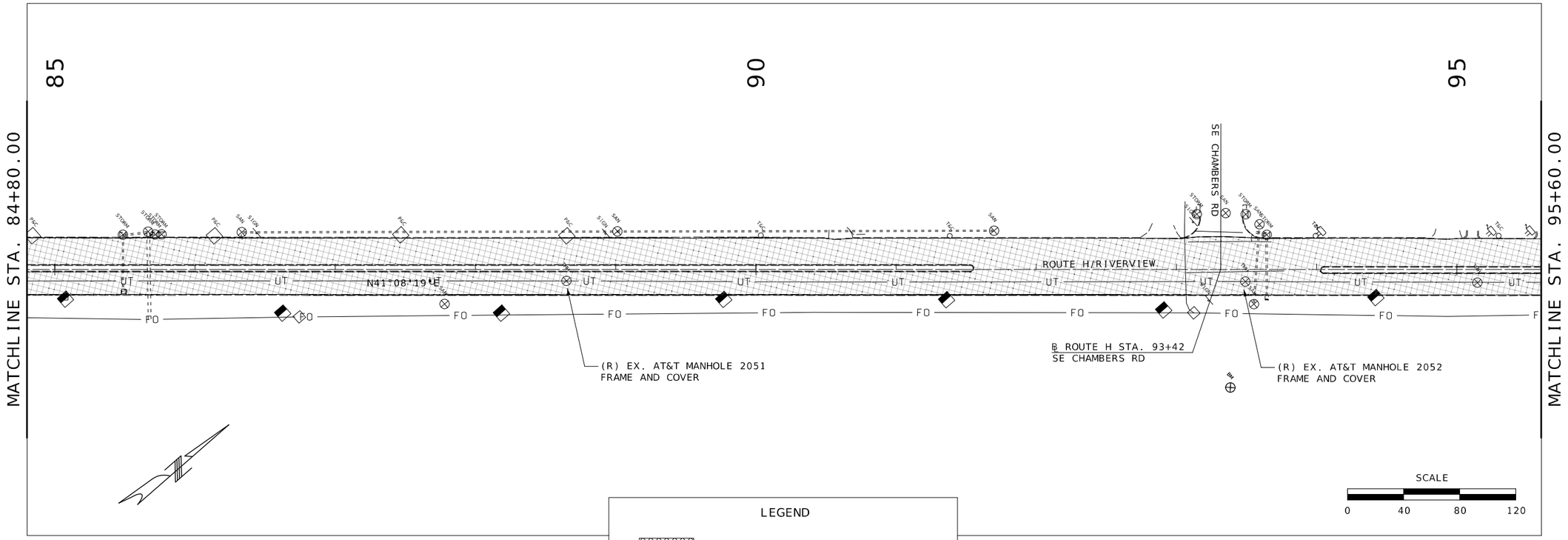
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

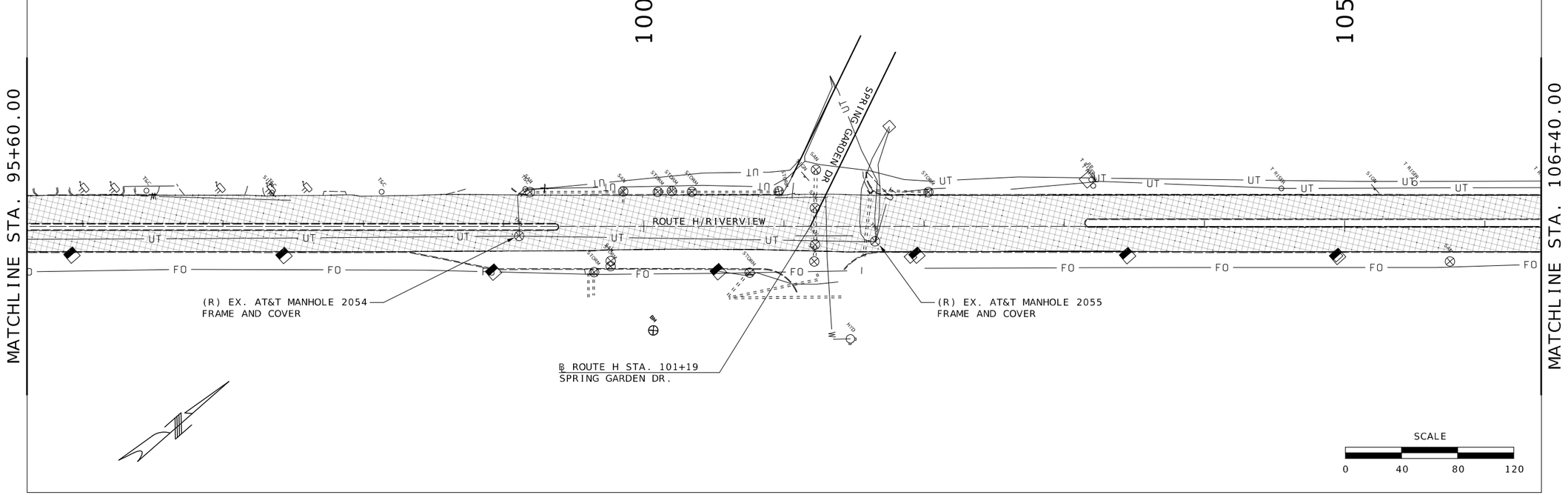
PLAN SHEET
SHEET 4 OF 11

$FILE$ $TIME$ 9/28/2026



LEGEND

3" MILL/FILL SP125CLP W/ PG76-22



STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:41:34 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	8

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

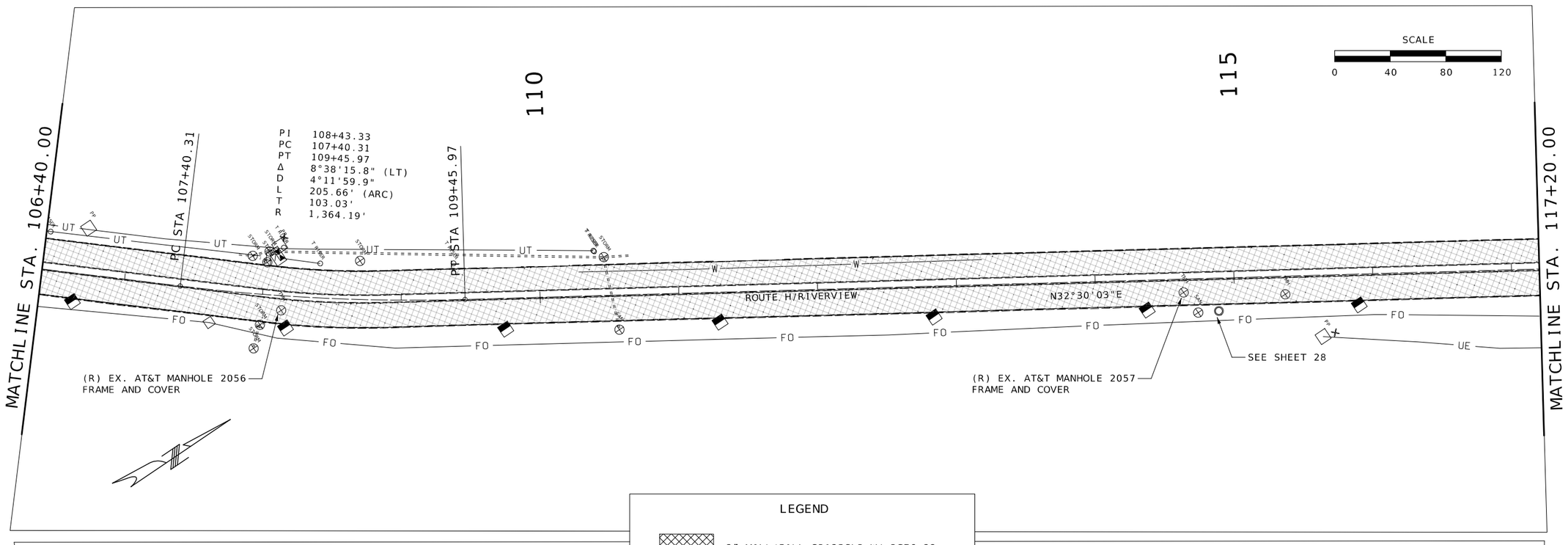
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

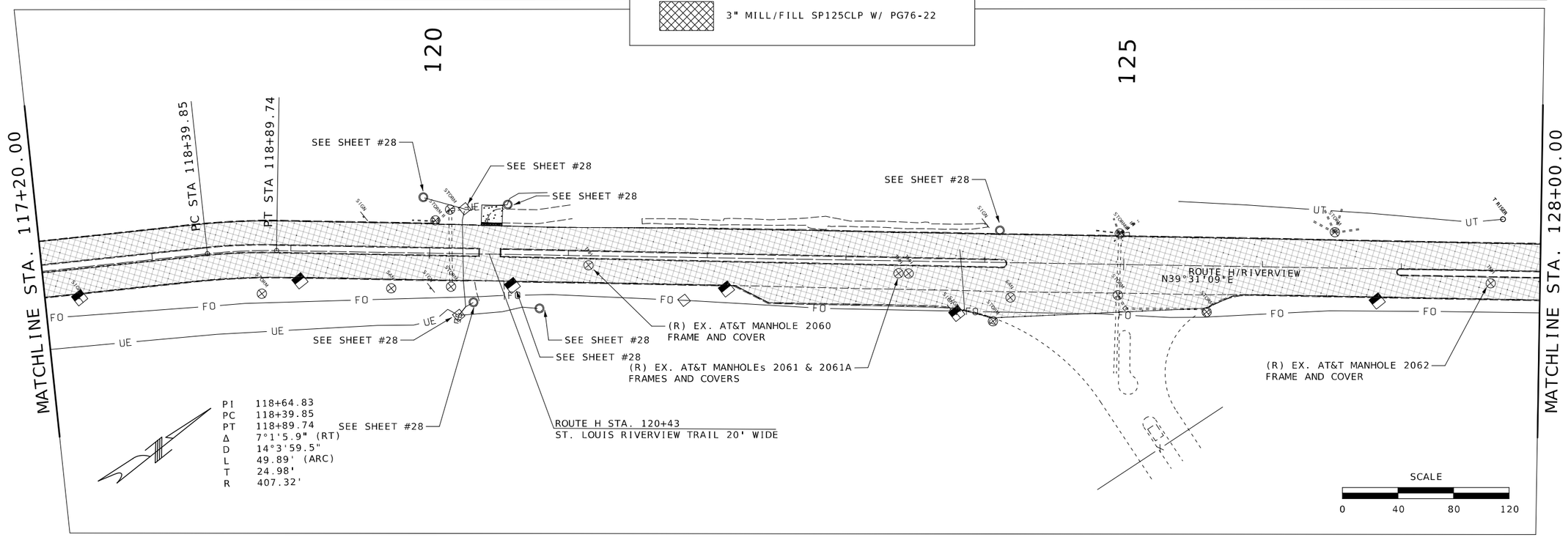
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
SHEET 5 OF 11



LEGEND

3" MILL/FILL SP125CLP W/ PG76-22



STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:41:59 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	9

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

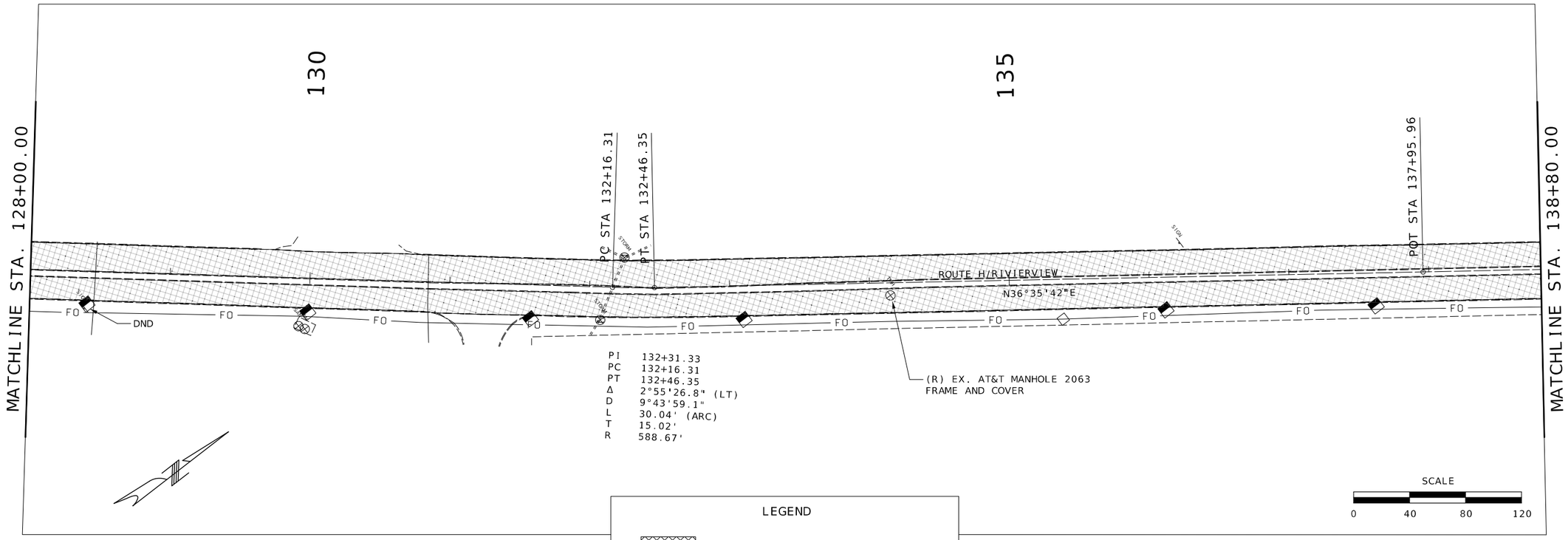
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

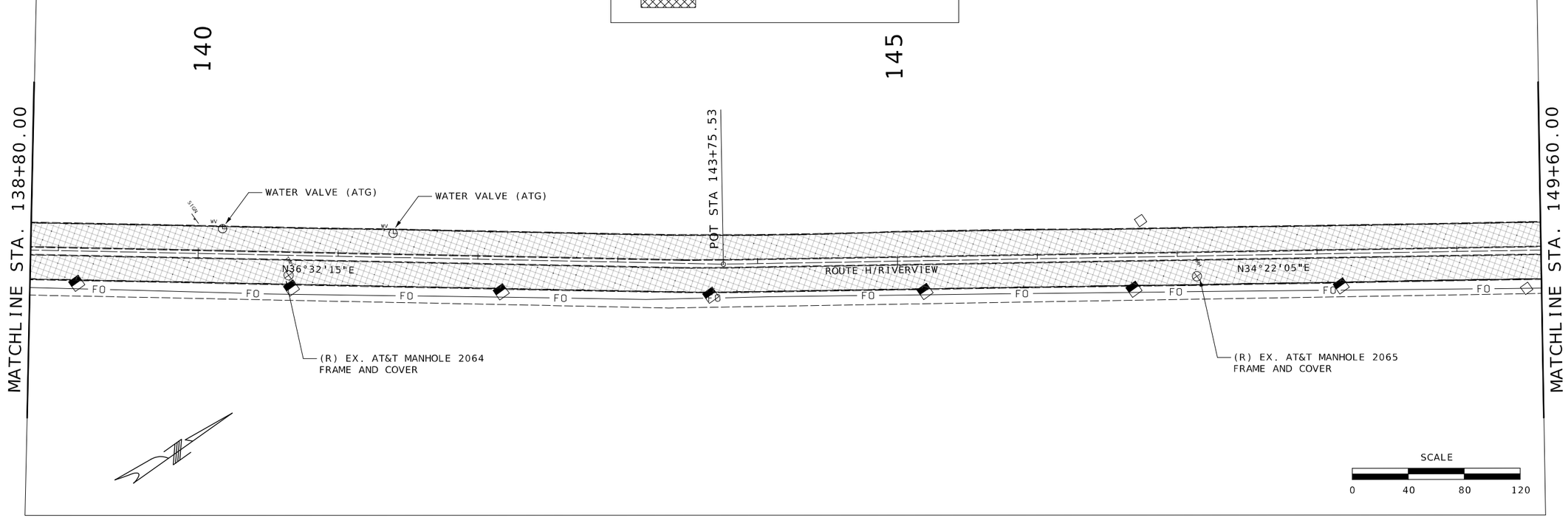
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
SHEET 6 OF 11



LEGEND

3" MILL/FILL SP125CLP W/ PG76-22



STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:42:17 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	10

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

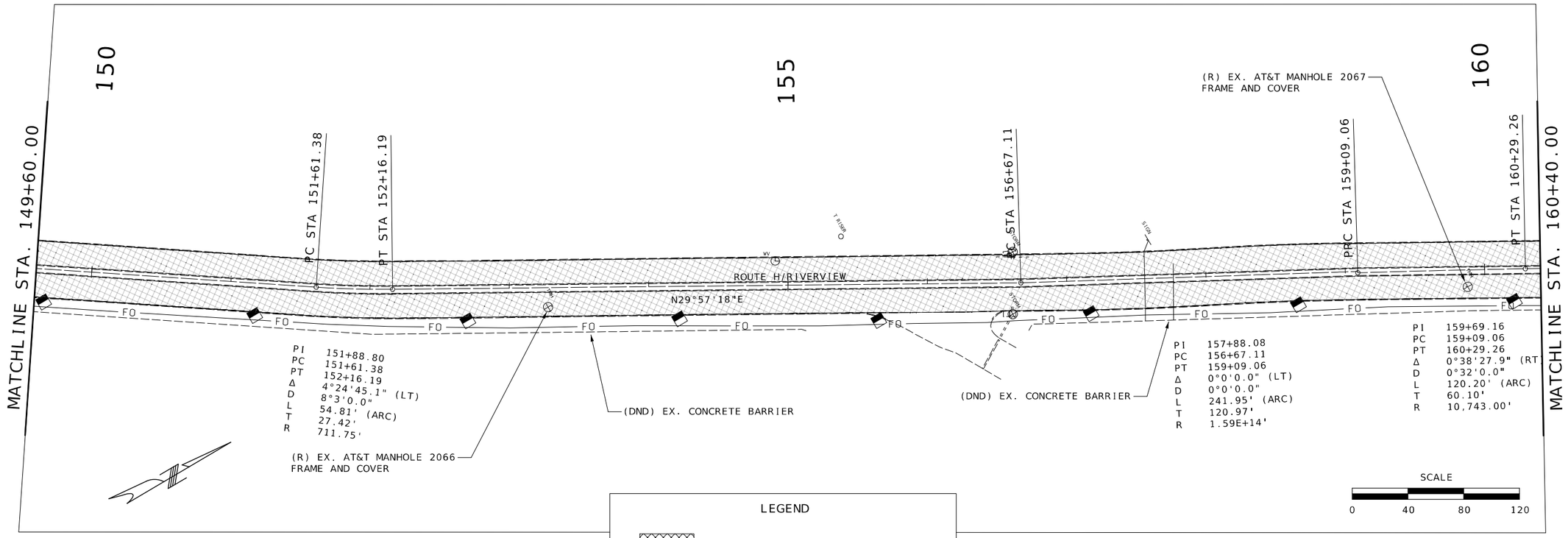
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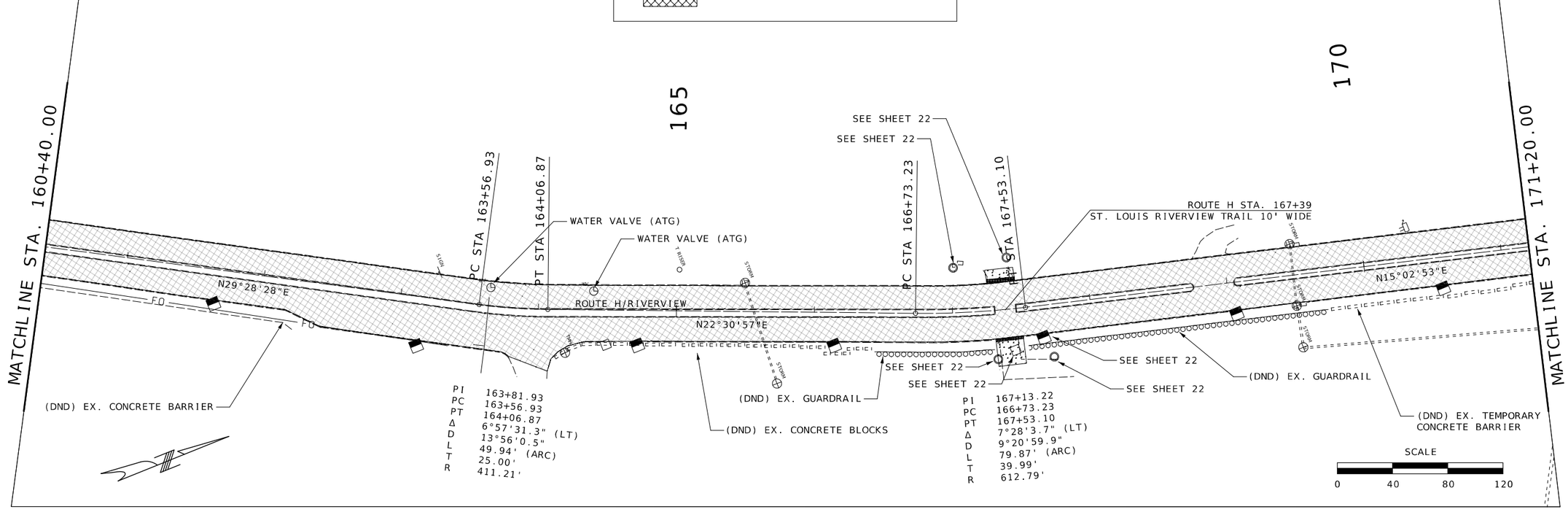
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 7 OF 11

$FILE$ $TIME$ 9/28/2026





STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:42:50 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	11

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

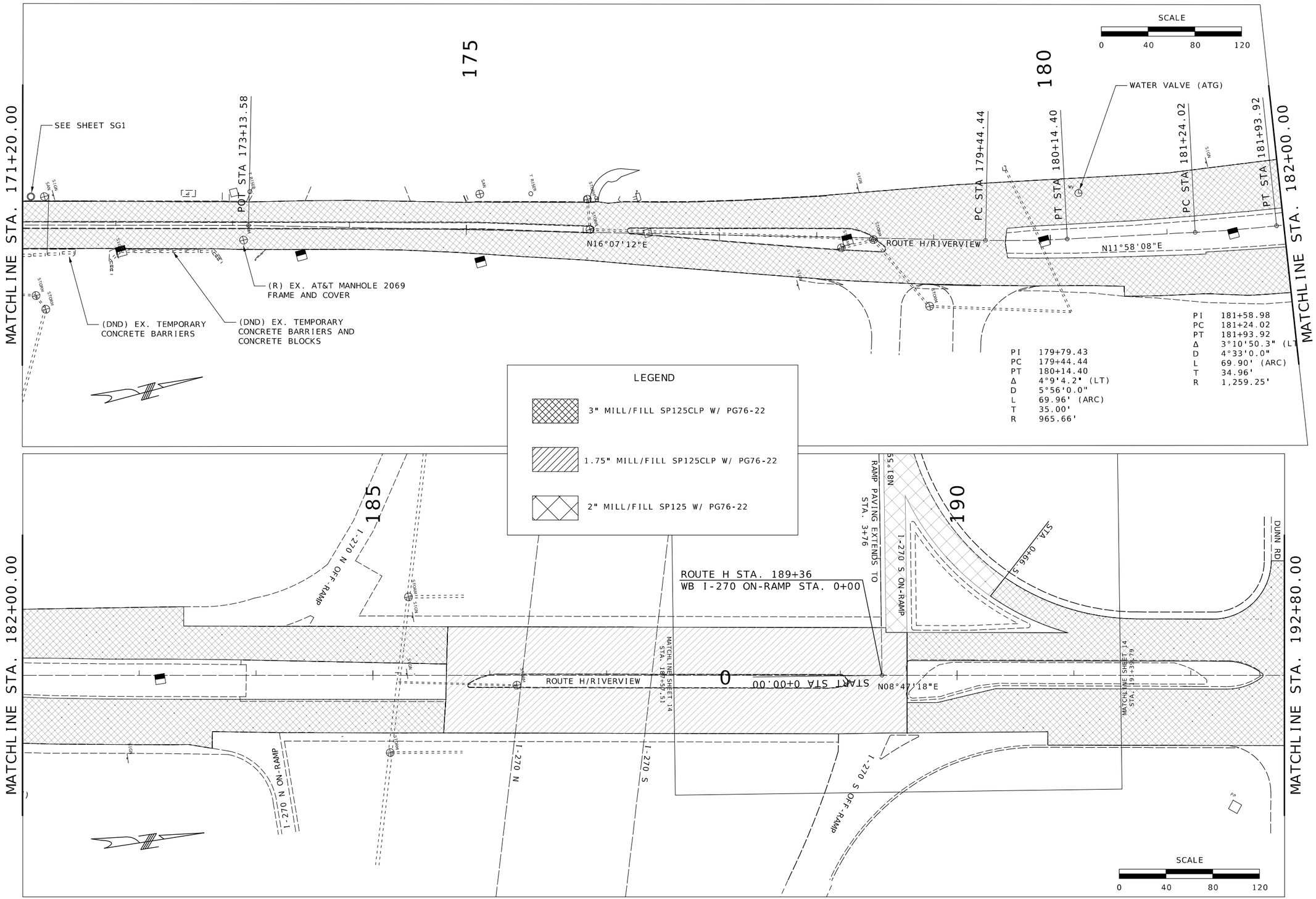
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 8 OF 11



STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:43:26 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	12

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

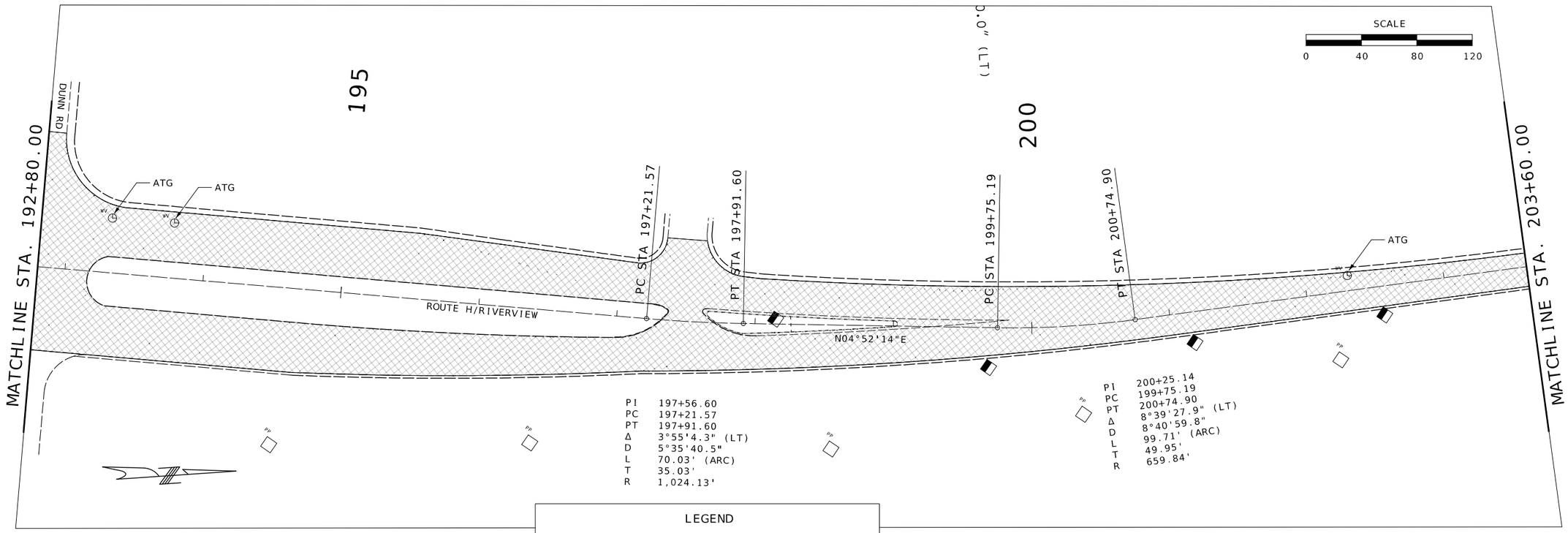
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

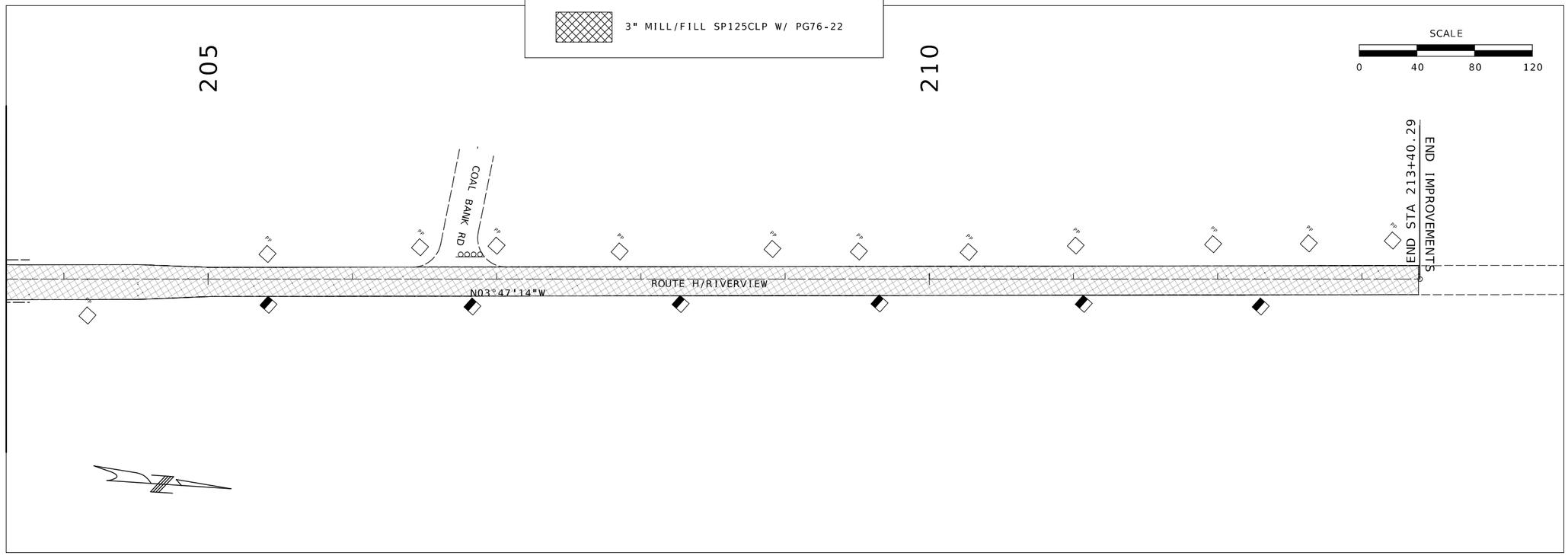
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
SHEET 9 OF 11



LEGEND

3" MILL/FILL SP125CLP W/ PG76-22



STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:31:33 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	13

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 10 OF 11

$FILE$ $TIME$ 9/28/2026

MATCHLINE SHEET 12
STA. 187+57.51

ROUTE H STA. 189+35.7
WB I-270 ON-RAMP STA. 0+00

START STA. 0+00.00

END STA 3+76.57

N81°39'07"W

ON-RAMP TO WB I-270

N08°47'11"E

ROUTE H/RIVERVIEW

190

SCALE
0 20 40 60

LEGEND

- 3" MILL/FILL SP125CLP W/ PG76-22
- 1.75" MILL/FILL SP125CLP W/ PG76-22
- 2" MILL/FILL SP125 W/ PG76-22

MATCHLINE SHEET 12
STA. 191+39.79

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 3:31:06 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	14

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 11 OF 11

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE (GROUND)
HORIZONTAL DATUM	NAD 83 (2011) EPOCH 2010.00
VERTICAL DATUM	NAVID 1988; GNSS DERIVED
GEOID MODEL	Geoid18 (Conus)
ELEVATIONS DETERMINED BY	
PROJECT PROJECTION FACTOR	1.00008780

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MISSOURI COORD. SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT BELLEFONTAINE CORS ARP
CORS_ID	MOBF
PID	DN6075
LATITUDE	38°45'51.51915" N
LONGITUDE	90°14'47.69221" N
NORTHING (M)	325298.4220
EASTING (M)	27223.9460
ZONE	EAST
PROJECT AVERAGE GRID FACTOR	0.99991221

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: BEGIN PROJECT - PC
N 1054037.78 X 0.9999122 = N 10539495.24
E 899346.88 X 0.9999122 = E 899267.92

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION
ALIGNMENTS							
4	0+00	RT H	0	1,054,037.78	899,346.88	-	BEGIN PROJECT - PC
4	0+73.07	RT H	0	1,054,100.25	899,384.78	-	HPI
4	1+45.73	RT H	0	1,054,154.83	899,433.36	-	PCC
4	3+10.12	RT H	0	1,054,277.37	899,542.93	-	HPI
4	6+53.25	RT H	0	1,054,491.25	899,812.15	-	PT
5	33+11.97	RT H	0	1,056,182.65	901,863.51	-	PC
5	35+14.94	RT H	0	1,056,311.77	902,020.10	-	HPI
5	37+16.38	RT H	0	1,056,405.10	902,200.34	-	PRC
5	38+15.90	RT H	0	1,056,450.85	902,288.71	-	HPI
5	39+15.02	RT H	0	1,056,509.59	902,369.04	-	PCC
5	40+53.29	RT H	0	1,056,591.21	902,480.65	-	PCC
5	41+32.59	RT H	0	1,056,638.03	902,544.68	-	HPI
6	42+11.87	RT H	0	1,056,687.80	902,606.42	-	PCC
6	42+58.23	RT H	0	1,056,716.92	902,642.54	-	HPI
6	43+04.53	RT H	0	1,056,749.15	902,675.86	-	PT
6	48+53.44	RT H	0	1,057,130.79	903,070.39	-	HPI
6	56+59.59	RT H	0	1,057,698.52	903,642.72	-	HPI
7	63+35.72	RT H	0	1,058,180.19	904,117.22	-	PC
7	65+45.92	RT H	0	1,058,329.93	904,264.74	-	HPI
7	67+56.00	RT H	0	1,058,488.24	904,403.03	-	PT
9	107+40.31	RT H	0	1,061,488.91	907,024.23	-	PC
9	108+43.33	RT H	0	1,061,566.50	907,092.01	-	HPI
9	109+45.97	RT H	0	1,061,653.39	907,147.37	-	PT
9	118+39.85	RT H	0	1,062,407.27	907,627.66	-	PC
9	118+64.83	RT H	0	1,062,428.34	907,641.08	-	HPI
9	118+89.74	RT H	0	1,062,447.61	907,656.98	-	PT
10	132+16.61	RT H	0	1,063,470.94	908,501.12	-	PC
10	132+31.33	RT H	0	1,063,482.53	908,510.68	-	HPI
10	132+46.35	RT H	0	1,063,494.59	908,519.63	-	PT
10	137+95.96	RT H	0	1,063,935.86	908,847.29	-	HPI
10	143+75.53	RT H	0	1,064,401.52	909,192.33	-	HPI
11	151+61.38	RT H	0	1,065,050.18	909,635.95	-	PC
11	151+88.80	RT H	0	1,065,072.81	909,651.43	-	HPI
11	152+16.19	RT H	0	1,065,096.57	909,665.12	-	PT
11	156+67.11	RT H	0	1,065,487.25	909,890.27	-	PC
11	159+09.06	RT H	0	1,065,699.21	910,006.97	-	PRC
11	159+69.16	RT H	0	1,065,751.85	910,035.94	-	HPI
11	160+29.26	RT H	0	1,065,804.17	910,065.51	-	PT
11	163+56.93	RT H	0	1,066,089.44	910,226.74	-	PC
11	163+81.93	RT H	0	1,066,111.21	910,239.04	-	HPI
11	164+06.87	RT H	0	1,066,134.30	910,248.62	-	PT
11	166+73.23	RT H	0	1,066,380.36	910,350.62	-	PC
11	167+13.22	RT H	0	1,066,417.30	910,365.93	-	HPI
11	167+53.10	RT H	0	1,066,455.92	910,376.31	-	PT
12	173+13.58	RT H	0	1,066,997.18	910,521.83	-	HPI
12	179+44.44	RT H	0	1,067,603.23	910,696.99	-	PC
12	179+79.43	RT H	0	1,067,636.85	910,706.71	-	HPI
12	180+14.40	RT H	0	1,067,671.09	910,713.96	-	PT
12	181+24.02	RT H	0	1,067,778.32	910,736.70	-	PC
12	181+58.98	RT H	0	1,067,812.52	910,743.95	-	HPI
12	181+93.92	RT H	0	1,067,847.07	910,749.29	-	PT
13	197+21.57	RT H	0	1,069,356.79	910,982.69	-	PC
13	197+56.60	RT H	0	1,069,391.41	910,988.04	-	HPI
13	197+91.60	RT H	0	1,069,426.31	910,991.02	-	PT
13	199+75.19	RT H	0	1,069,609.24	911,006.60	-	PC
13	200+25.14	RT H	0	1,069,659.00	911,010.84	-	HPI
13	200+74.90	RT H	0	1,069,708.84	911,007.54	-	PT
13	213+40.29	RT H	0	1,070,971.47	910,923.96	-	END OF PROJECT
12,14	0+00	I-270 WB ON-RAMP	0	1,068,580.14	910,862.62	-	BEGIN
14	3+76.57	I-270 WB ON-RAMP	0	1,068,632.64	910,489.73	-	END

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:16:39 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

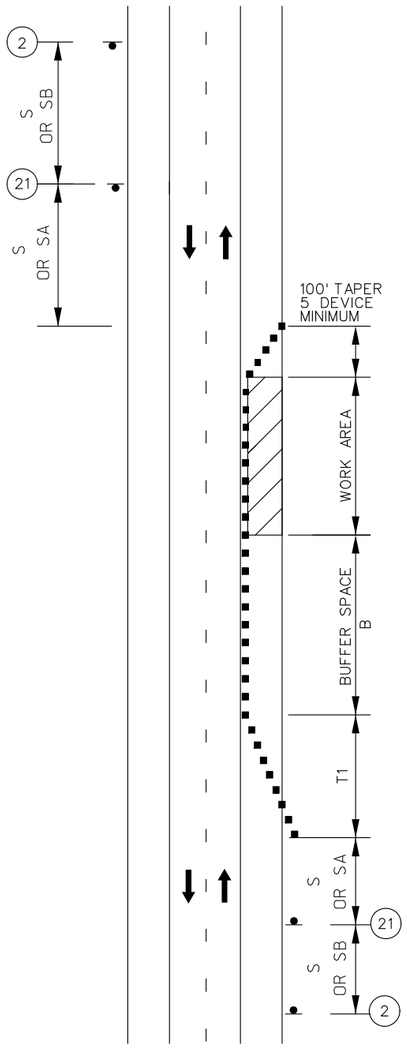
DATE PREPARED: 9/28/2026
ROUTE: H | STATE: MO
DISTRICT: SL | SHEET NO.: 15
COUNTY: ST. LOUIS CITY
JOB NO.: JSL0065
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

COORDINATE POINT SHEET

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	840	60	120
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							



WORK ON THE SHOULDER
ON DIVIDED AND UNDIVIDED
HIGHWAYS



W020-1

2



W021-5b

21

NOTES:

PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.

ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S ROTATING LIGHTS OR STROBE LIGHTS.

WHEN PAVED SHOULDERS HAVING A WIDTH OF 8 FEET OR MORE ARE CLOSED, AT LEAST ONE ADVANCE WARNING SIGN SHALL BE USED. IN ADDITION, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND DIRECT VEHICULAR TRAFFIC TO REMAIN WITHIN THE TRAVELED WAY.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA

NOT TO SCALE

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
11/02/2026 1:05:13 PM
HEATHER M COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
11/2/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	16

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

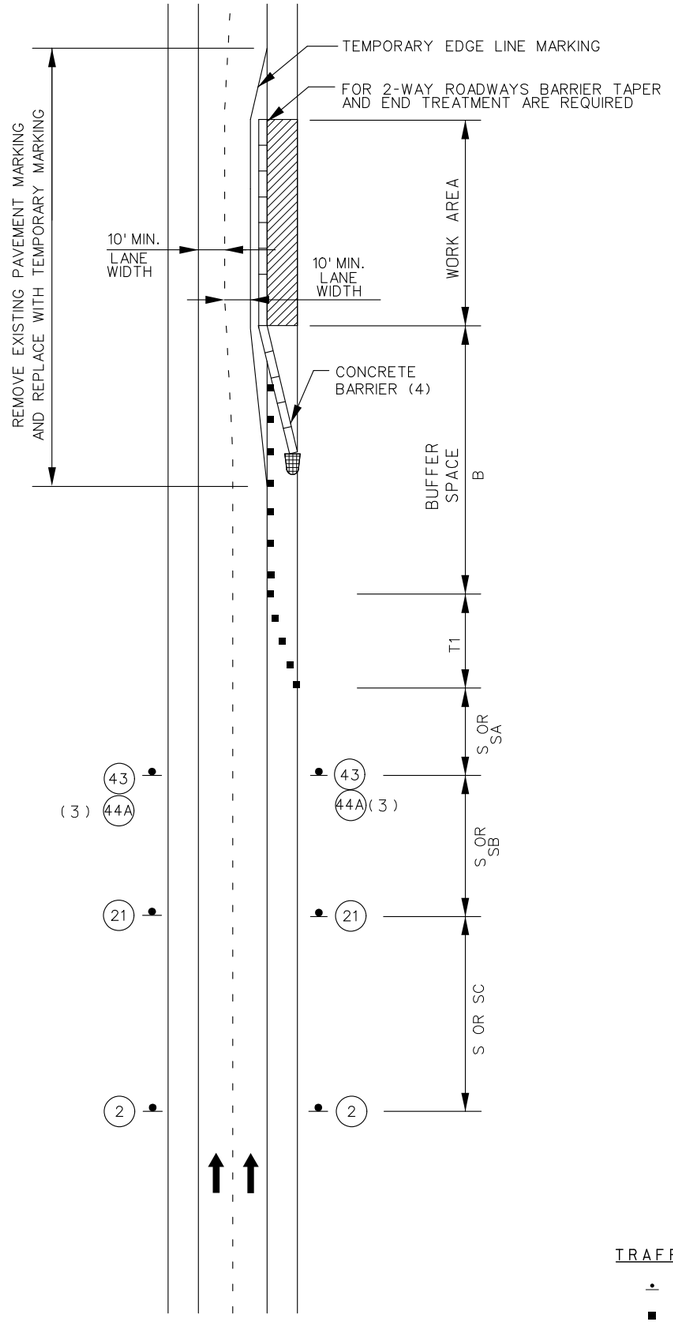
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
WORK ON THE SHOULDER



REDUCED LANE WIDTHS

NOT TO SCALE



W020-1
(2)



W021-5a
(21)



W05-1
(43)



W07-3a
(44A)

NOTES:

(3) "NEXT XX MILES" NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE

(4) CONCRETE BARRIER MAY BE INSTALLED AT AN 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER

(4) FLARE BARRIER SHOULD EXTEND EITHER BEYOND THE CLEAR ZONE, OR TO THE EDGE LINE WITH THE USE OF AN APPROVED END TREATMENT.

(4) BARRIER HEIGHT TRANSITION MAY BE USED WHEN THE POSTED SPEED PRIOR TO ROAD WORK IS LESS THAN 40 MPH.

(4) APPROVED CRASH CUSHION ARE TO BE USED WHEN THE POSTED SPEED LIMIT PRIOR TO ROAD WORK IS GREATER THAN OR EQUAL TO 40 MPH.

"ROAD WORK AHEAD" SIGN IS NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER "ROAD WORK AHEAD" SIGN IS ALREADY IN USE.

"ROAD WORK AHEAD" SIGN IS NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER "ROAD WORK AHEAD" SIGN IS ALREADY USED.

IF SHOULDER IS SUITABLE FOR CARRYING TRAFFIC, LANES MAY BE SHIFTED TO SHOULDER WITH APPROPRIATE PAVEMENT MARKING.

ROAD NARROWS SIGN SHOULD BE USED WHEN THE LANE WIDTH ARE REDUCED.

ON UNDIVIDED HIGHWAYS, PROVIDE SIGNS ONLY ON THE RIGHT SIDE OF EACH APPROACH.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TEMPORARY CONCRETE BARRIER
- END TREATMENT

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
11/02/2026 1:05:58 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
11/2/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	17

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

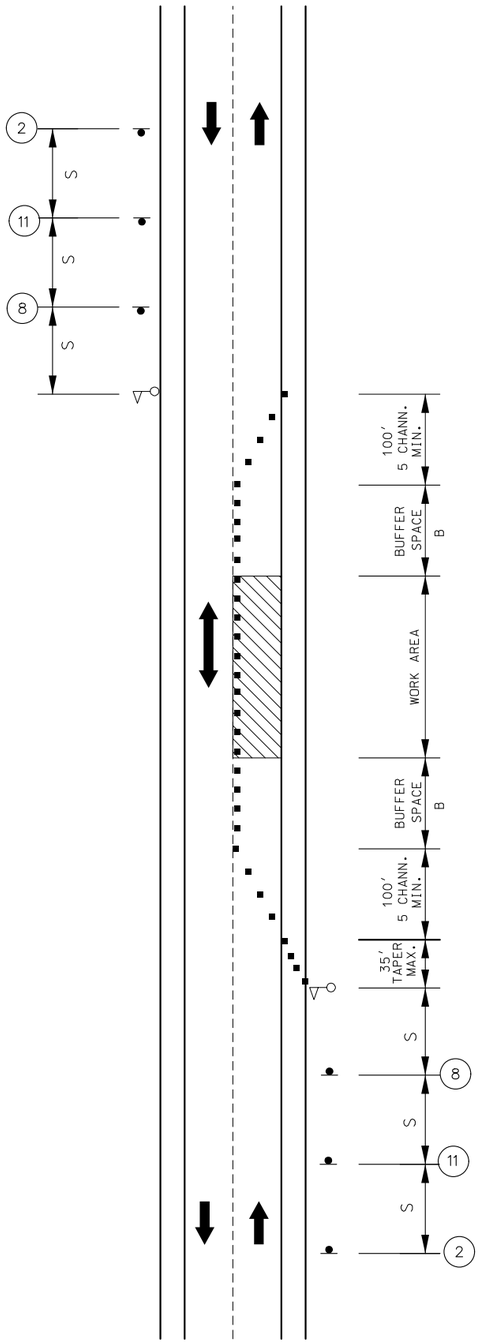
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
SHOULDER WORK WITH
REDUCED LANE WIDTHS



LANE CLOSURE ON
TWO-LANE ROAD
USING FLAGGERS



W020-1
(2)



W020-7a
(8)



W03-4
(11)

NOT TO SCALE

NOTES:

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.

IF RUMBLE STRIPS ARE USED, REVIEW 616.13.6 TEMPORARY TRANSVERSE RUMBLE STRIPS.

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

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLAGGER

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	–	–	–	280	–	40
40-45	350	–	–	–	400	–	80
50-55	500	–	–	–	560	–	80
60-70	1000	–	–	–	840	–	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
11/02/2026 1:06:32 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
11/2/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	18

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
LANE CLOSURE ON
TWO-LANE ROAD USING FLAGGERS

(1) ROAD CLOSED SIGN SHALL BE PLACED 7-10 FEET BEHIND THE BARRICADES AND AT A SIGN HEIGHT APPROPRIATE TO THE ROADWAY. ONE BARRICADE IS REQUIRED TO COMPLETELY CLOSE 8 FEET OF PAVEMENT. PAVED SHOULDERS SHALL BE INCLUDED IN THE AREA CLOSED.

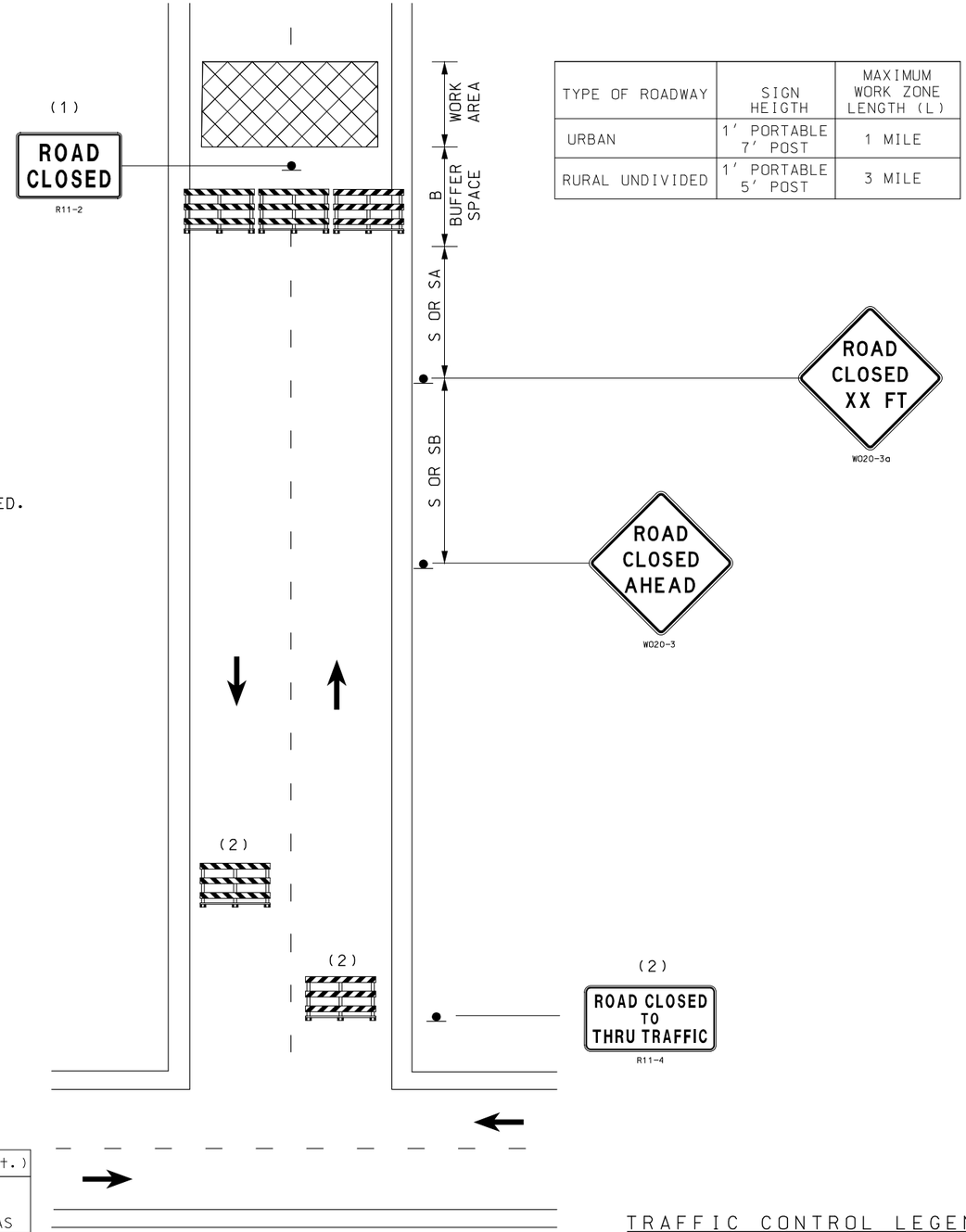
(2) IF USED,THE ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY OR ROAD CLOSED TO THRU TRAFFIC SIGN SHOULD BE LOCATED AT THE FIRST STATE ROUTE OR, UPON THE DISCRETION OF THE ENGINEER, ANY OTHER INTERSECTION IN ADVANCE OF THE CLOSURE. ADDITIONAL BARRICADES MAY BE USED AND OFFSET TO FACILITATE ACCESS FOR WORK VEHICLES, LOCAL TRAFFIC, ECT.

TRAFFIC CONTROL SHOULD BE REMOVED AS SOON AS PRACTICAL AFTER CONDITION FOR CLOSURE NO LONGER EXISTS.

ADDITIONAL WARNING SIGNS SHOULD BE ERECTED AT EACH INTERSECTION WITHIN THE WORK ZONE.

SUPPLEMENTAL WARNING METHODS MAY BE USED TO CALL ATTENTION TO THE WORK ZONE.

FOR ROAD CLOSURES GREATER THAN 18-HRS, DETOUR SIGNING SHOULD BE CONSIDERED.



NOT TO SCALE

HIGHWAY CLOSURE

TYPE OF ROADWAY	SIGN HEIGTH	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MILE
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MILE

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	-	-	250	-	-
40-45	350	500	-	-	360	-	-
50-55	500	1000	-	-	495	-	-
60-70	1000	SA-1000 SB-1500 SC-2640	-	-	730	-	-

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- TYPE 3 BARRICADE
- WORK AREA

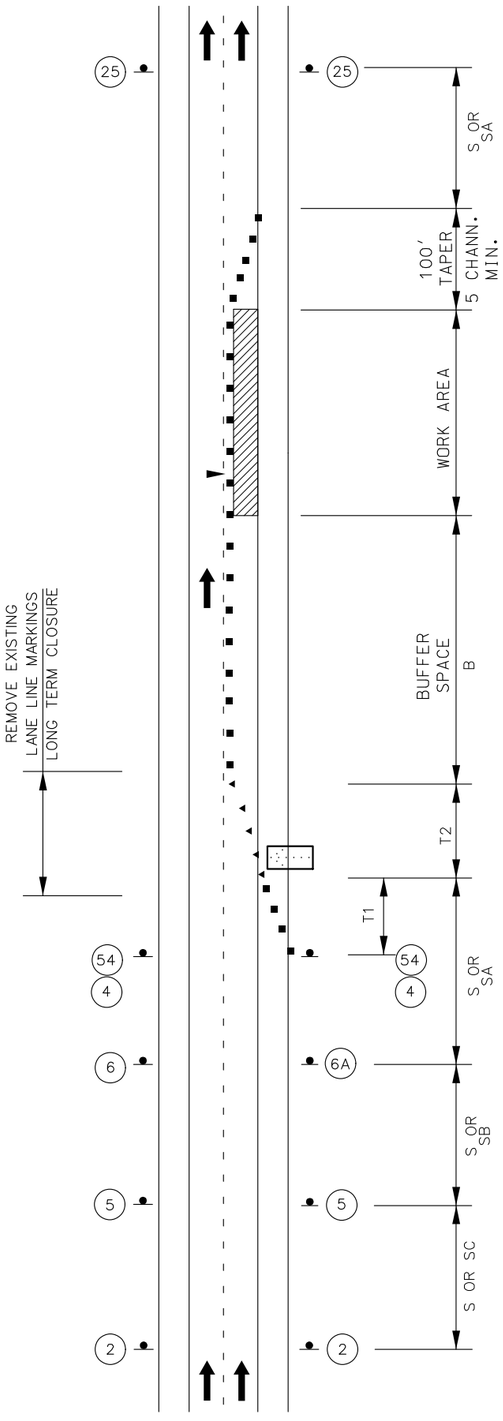
STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
11/02/2026 1:07:23 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED: 11/2/2026
ROUTE: H
STATE: MO
DISTRICT: SL
SHEET NO.: 19
COUNTY: ST. LOUIS CITY
JOB NO.: JSL0065
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

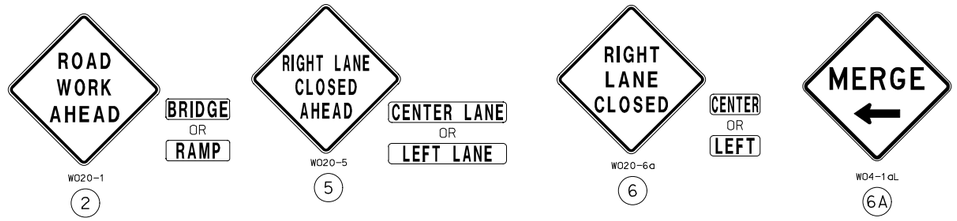
DESCRIPTION | DATE

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

TRAFFIC CONTROL SHEET
ROAD CLOSURE



STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY



NOTES:

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE,THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

REVIEW (TA-34A) LANE CLOSURE WITH WIDTH AND LANE RESTRICTIONS - DE/CM FOR A LANE CLOSURE WITH WIDTH RESTRICTION

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- ADVANCE WARNING RAILS

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	280	35	40
40-45	-	500	150	540	400	40	80
50-55	-	1000	185	660	560	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
11/02/2026 1:07:53 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
11/2/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	20

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY

NOTES:
1.ABANDON EXISITING CONDUIT

(DND) EX. CITY LIGHT POST

RELOCATE EX. CITY LIGHT POLE TO STA. 167+04.9

(R) EX. SIGNAL POST, MAST ARM
(2) SIGNAL HEADS, AND FOUNDATION

(R) EX. CABINET AND FOUNDATION

(R) EX. PULL BOX

(UIP) EX. POWER SUPPLY
STA. 167+32.3
OFF. 53'

NEW CABINET, CONTROLLER, AND FOUNDATION
STA. 168+23.8
OFF. 56'

(R) EX. PULL BOX

(R) EX. SIGNAL POST, PED HEAD, SIGNAL HEAD, PUSH BUTTON, AND FOUNDATION

(DND) EX. CITY LIGHT POST

WATER TREATMENT PLANT

NEXT SIGNAL:
RT H AT
ST. LOUIS RIVERFRONT RAIL - SOUTH
4684 FT

(DND) EX. CITY LIGHT POST

MEDIAN

RIVERVIEW/ROUTE H

N90°00'00"E

GRADE: -1.5%
SPEED: 45 MPH

RELOCATED EX. CITY LIGHT POLE FROM STA. 167+63.7

MEDIAN

GRADE: -1.5%
SPEED: 45 MPH

NEXT INTERSECTION:
RT H AT
I-270 WB ON/OFF RAMPS
2187 FT

INSTALL NEW CITY LIGHT POLE

RT STA 167+53.10

PC STA 166+73.23

RESIDENTIAL

ROUTE H STA. 169+39
ST. LOUIS RIVERVIEW TRAIL 10' WIDE

(R) EX. SIGNAL SIGN FLASHER ASSEMBLY
INSTALL NEW SOLAR SIGNAL AHEAD FLASHER ASSEMBLY

(R) EX. SIGNAL POST, PED HEAD, SIGNAL HEAD
PUSH BUTTON, AND FOUNDATION

(R) EX. PULL BOX

(R) EX. SIGNAL POST, MAST ARM
(2) SIGNAL HEADS AND FOUNDATION

MATCHLINE STA. 166+12.29

SCALE
0 20 40 60

170

R10-3eL

W3-3

(5) (6) SOLAR SIGNAL AHEAD FLASHER ASSEMBLY

WATER TREATMENT PLANT

SDF(R) EX. SIGNAL SIGN FLASHER ASSEMBLY
INSTALL NEW SOLAR SIGNAL AHEAD FLASHER ASSEMBLY

MEDIAN

RIVERVIEW/ROUTE H

N90°00'00"E

N90°00'00"E

MATCHLINE STA. 166+12.29

PT STA 164+06.87

PC STA 163+56.93

RESIDENTIAL

SCALE
0 20 40 60

165

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- CONDUIT PUSHED
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:23:05 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	21

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ST. LOUIS RIVERFRONT TRAIL
NORTH

EFFECTIVE: 07-01-2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C | BASE *** CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CLASS 1 | PREFORMED CLASS 2 | PREFORMED CLASS 3 | PREFORMED CLASS 5 | CONCRETE STANDARD | CONCRETE DOUBLE, TYPE A | CONCRETE DOUBLE, TYPE B | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | POST TOP MOUNT POST 8 FT. | POST TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGNAL SPACING D' | TYPE C & CL SIGN SPACING B | TYPE C & CL SIGN SPACING C | TYPE C & CL SIGN SPACING D | TYPE C & CL SIGN SPACING D' | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H | TYPE B & BL LEFT ARM E SIGNAL SPACING H' | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H | TYPE B & BL LEFT ARM E SIGN SPACING H' | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | LUMINAIRE BRACKET ARM* 6 FT. | LUMINAIRE BRACKET ARM* 8 FT. | LUMINAIRE BRACKET ARM* 10 FT. | LUMINAIRE BRACKET ARM* 12 FT. | LUMINAIRE BRACKET ARM* 15 FT. | PUSH BUTTON STANCHION |
|---|---|---

CONDUIT

FROM	TO	CTR TO CTR DIST.	LOOP DETECT	TRENCHED			PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1″	2″	3″	4″	2″	3″	4″	2″	3″	4″	2″	3″	4″	
PS	CA	10		14												
CA	PB1	11			29											2 x 14.5′
PB1	PB2	27						25								
PB2	P1	36			39											
PB2	P2	12			13											
PB1	PB3	73						71								
PB3	P3	17			18											
PB3	P4	18			21											
SUBTOTALS			0	14	120	0	0	96	0	0	0	0	0	0	0	
PAY TOTALS			0	14	120	0	0	96	0	0	0	0	0	0	0	

CABLE

FROM	TO	CTR TO CTR DIST.	POWER		CONTROL				LIGHTING		DETECTOR		FIBER	REMARKS
			1c–#2	1c–#8	2c–#16	5c–#16	7c–#16	12c–#12	CONTROL 2c–#12	POLE & BRACKET 1c–#10	1c–#14 IN DUCT	2c–#14 LEAD IN	24 FIBER SINGLEMODE	
PS	CA	10		79										3 x 26.3′
CA	61	74					143							
CA	62	74					133							
CA	63	74					107							
CA	41	50				80								
CA	D2	50			79									
CA	42	102				132								
CA	D1	102			131									
CA	21	102					170							
CA	22	102					160							
CA	23	102					135							
SUBTOTALS			0	79	210	212	848	0	0	0	0	0	0	
PAY TOTALS			0	80	220	220	890	0	0	0	0	0	0	INCLUDE 5% FOR SNAKING

ROUTE H/RIVERVIEW AT ST. LOUIS RIVERFRONT TRAIL – NORTH
INTERSECTION

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:27:04 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	23

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE H AT
ST. LOUIS RIVERFRONT TRAIL
D-37B

EFFECTIVE: 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY			CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
						CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	UIP EX. POWER SUPPLY	COMBINATION PAD MOUNTED 120/240V POWER SUPPLY & LIGHTING CONTROLLER & UPS (SEE SPECIAL SHEETS)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
								SIGNALS	LIGHTING				
ROUTE H	167+32.3	53' RT	Type	1		15 AMPS	15 AMPS	100 AMPS					
			Type										
INTERSECTION TOTAL				1									

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE H	168+23.8	56' RT			1												1					
INTERSECTION TOTAL					1												1					

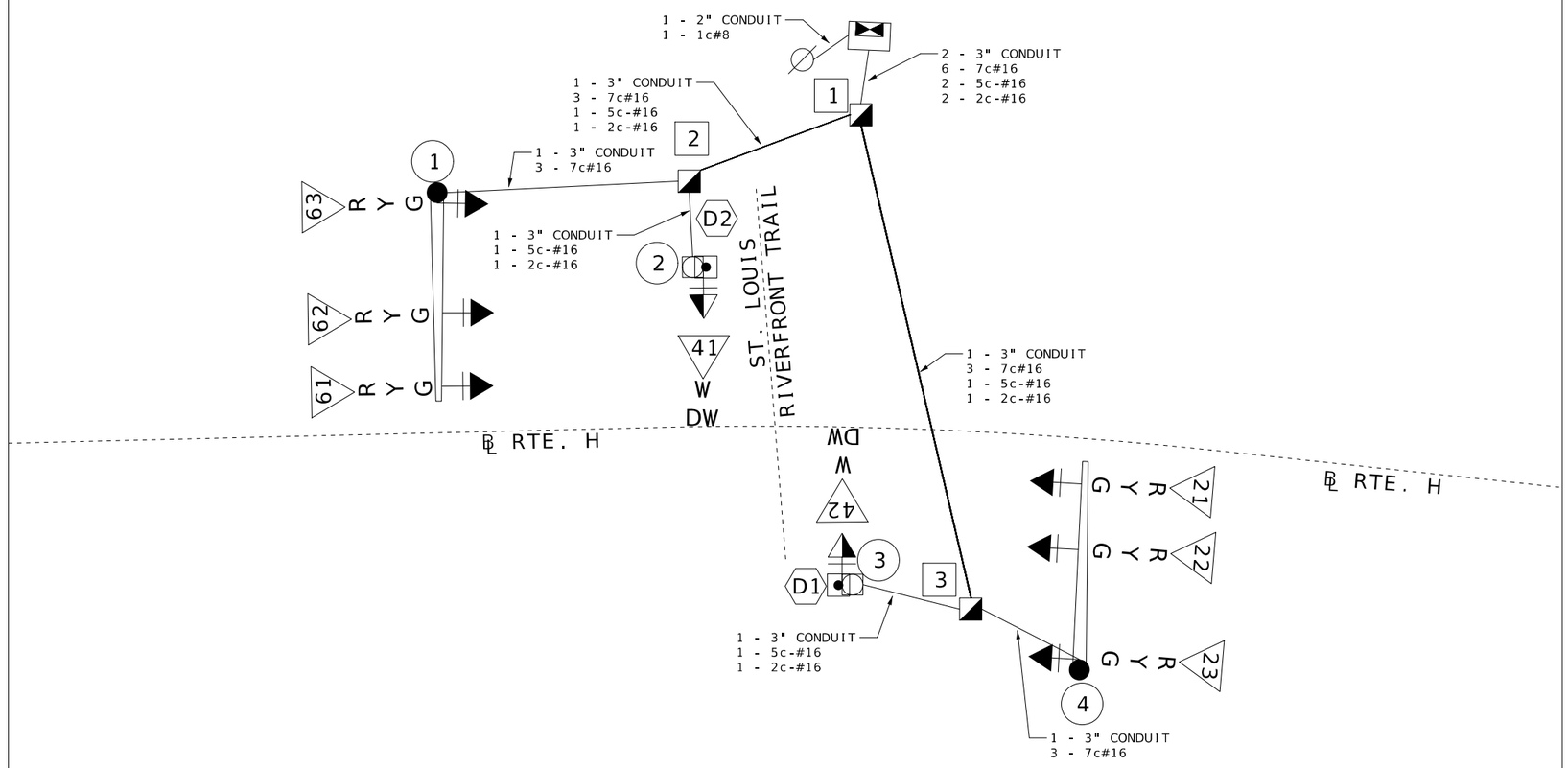
DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	DETECTOR ZONE	TYPE				
			ACCESSIBLE PED SIGNAL PUSH BUTTON	INDUCTION LOOP (2)			SL DETECTION
				STANDARD	DELAY/ EXTEND *	CALL UNIT *	
D1	PED CROSSING - EASTBOUND		1				
D2	PED CROSSING - WESTBOUND		1				

EFFECTIVE: 12-01-2017

WIRING DIAGRAM

NOT TO SCALE



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

ROUTE H (RIVERVIEW) AT ST. LOUIS RIVERFRONT TRAIL - NORTH

INTERSECTION

D-37D

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:28:10 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED: 9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	25

COUNTY: ST. LOUIS CITY

JOB NO.: JSL0065

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

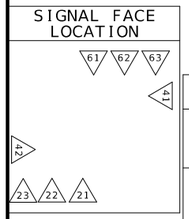
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE H AT ST. LOUIS
RIVERFRONT TRAIL
D-37D

EFFECTIVE: 12-01-2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE Ø1	PHASE Ø2	PHASE Ø3	PHASE Ø4	PHASE Ø5	PHASE Ø6	PHASE Ø7	PHASE Ø8	OVERLAP E	OVERLAP F	OVERLAP	OVERLAP	OVERLAP A	OVERLAP B	OVERLAP C	OVERLAP D
	NOT USED		NOT USED		NOT USED		NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED
FACE NUMBERS		21 22 23		41 42		61 62 63										
SIGNAL INDICATIONS R		R R R		DW DW		R R R										
SIGNAL INDICATIONS Y		Y Y Y		FDW FDW		Y Y Y										
SIGNAL INDICATIONS FYA																
SIGNAL INDICATIONS G		G G G		W W		G G G										
DETECTOR ASSIGNMENTS				D1 D2												
DETECTOR ASSIGNMENTS (PEDS. ONLY)								D1 D2								
OVERLAP PARENT PHASES								Ø4								

(FACE NUMBERS, SIGNAL INDICATIONS, and DETECTOR ASSIGNMENTS are repeated at the right side of the table.)

PHASE 1	PHASE 2	PHASE 3	PHASE 4	
NOT USED		NOT USED		RING 1
NOT USED		NOT USED	NOT USED	RING 2
PHASE 5	PHASE 6	PHASE 7	PHASE 8	

BARRIER

RING STRUCTURE

NOTES:

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ROUTE H (RIVERVIEW)	FR

CONTROLLER TYPE	NEMA Ø8

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE H (RIVERVIEW)

WITH ST. LOUIS RIVERFRONT TRAIL - NORTH

D-38A

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:28:53 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED: 9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	26

COUNTY: ST. LOUIS CITY

JOB NO.: JSL0065

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

SIGNAL SHEET
ROUTE H AT ST. LOUIS RIVERFRONT TRAIL
D-38A

NOTES:
1.ABANDON EXISITING CONDUIT

PARK

(DND) EX. CITY LIGHT POST

(DND) EX. CITY LIGHT POST

(R) EX. SIGNAL POST, MAST ARM, FOUNDATION, (2) SIGNAL HEADS

RELOCATE EX. CITY LIGHT POLE TO STA. 120+60.0

NEW CABINET, CONTROLLER, AND FOUNDATION STA. 129+29.4 OFF. 54.9'

(R) EX. SIGNAL CABINET, FOUNDATION, AND SIGNAL CONTROLLER

(R) EX. PULL BOX

(UIP) EX. POWER SUPPLY STA. 120+13.8 OFF. 40.3'

(DND) EX. CITY LIGHT POST

(R) SIGNAL POST, FOUNDATION, PED HEAD, PUSH BUTTON, SIGNAL HEAD

NEXT SIGNAL: RT H AT HALL ST 11,958 FT

MEDIAN

ROUTE H/RIVERVIEW

GRADE: 1.5% SPEED: 45 MPH

NEXT SIGNAL: RT H AT ST. LOUIS RIVERFRONT RAIL - NORTH 4684 FT

MEDIAN

(R) EX. SIGNAL AHEAD FLASHER ASSEMBLY
INSTALL NEW SOLAR SIGNAL AHEAD FLASHER ASSEMBLY

GRADE: 1.5% SPEED: 45 MPH

INSTALL NEW CITY LIGHT POLE

ROUTE H STA. 120+43
ST. LOUIS RIVERFRONT TRAIL 20' WIDE

RELOCATED EX. CITY LIGHT POLE FROM STA. 120+10.5

(R) SIGNAL POST, FOUNDATION, PED HEAD, PUSH BUTTON, SIGNAL HEAD

(R) EX. PULL BOX

(R) EX. SIGNAL POST, MAST ARM, FOUNDATION, (2) SIGNAL HEADS

MATCHLINE STA. 94+51.37

120

SCALE
0 20 40 60

WOODS

R10-3eL

R10-3eL

R10-3eL

W3-3

SOLAR SIGNAL AHEAD FLASHER ASSEMBLY

PARK

(R) EX. SIGNAL AHEAD FLASHER ASSEMBLY
INSTALL NEW SOLAR SIGNAL AHEAD FLASHER ASSEMBLY

MEDIAN

ROUTE H/RIVERVIEW

MEDIAN

N90°00'00"E

MATCHLINE STA. 94+51.37

PT STA 118+89.74

PC STA 118+39.85

SCALE
0 20 40 60

WOODS/RESIDENTIAL

115

TRAFFIC SIGNALS LEGEND

CONTROLLER	PUSH BUTTON DETECTOR
CONTROLLER (EXISTING)	PREFORMED PULL BOX TYPE 1
POWER SUPPLY	CONDUIT PUSHED
WOOD POST	CONDUIT EXISTING
SIGNAL HEAD (PEDESTRIAN)	CONDUIT TRENCHED
SIGNAL HEAD (STANDARD)	MAST ARM - TYPE A BASE
	MAST ARM - TYPE C BASE

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:29:25 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	27

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ST. LOUIS RIVERFRONT TRAIL SOUTH

EFFECTIVE: 07-01-2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C | BASE *** CONCRETE* (CU. YDS.) | PULL BOX PREFORMED CLASS 1 | PREFORMED CLASS 2 | PREFORMED CLASS 3 | PREFORMED CLASS 5 | CONCRETE STANDARD | CONCRETE DOUBLE, TYPE A | CONCRETE DOUBLE, TYPE B | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | POST TOP MOUNT POST 8 FT. | POST TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGNAL SPACING D' | TYPE C & CL SIGN SPACING B | TYPE C & CL SIGN SPACING C | TYPE C & CL SIGN SPACING D | TYPE C & CL SIGN SPACING D' | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H | TYPE B & BL LEFT ARM E SIGNAL SPACING H' | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H | TYPE B & BL LEFT ARM E SIGN SPACING H' | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | LUMINAIRE BRACKET ARM* 6 FT. | LUMINAIRE BRACKET ARM* 8 FT. | LUMINAIRE BRACKET ARM* 10 FT. | LUMINAIRE BRACKET ARM* 12 FT. | LUMINAIRE BRACKET ARM* 15 FT. | PUSH BUTTON STANCHION EACH |
|---|---|---

CONDUIT

FROM	TO	CTR TO CTR DIST.	LOOP DETECT	TRENCHED			PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1″	2″	3″	4″	2″	3″	4″	2″	3″	4″	2″	3″	4″	
PS	CA	26		30												
CA	PB1	9			23											2 x 11.5′
PB1	PB2	29						27								
PB2	P1	38			41											
PB2	P2	11			12											
PB2	PB3	97						95								
PB3	P3	53			54											
PB3	P4	15			18											
					448											
					571											
SUBTOTALS			0	30	146	0	0	122	0	0	0	0	0	0	0	
PAY TOTALS			0	30	146	0	0	122	0	0	0	0	0	0	0	

CABLE

FROM	TO	CTR TO CTR DIST.	POWER		CONTROL				LIGHTING		DETECTOR		FIBER	REMARKS
			1c–#2	1c–#8	2c–#16	5c–#16	7c–#16	12c–#12	CONTROL 2c–#12	POLE & BRACKET 1c–#10	1c–#14 IN DUCT	2c–#14 LEAD IN	24 FIBER SINGLEMODE	
PS	CA	26		127										3 x 42.3′
CA	61	75					149							
CA	62	75					140							
CA	63	75					108							
CA	42	75				105								
CA	D1	75			104									
CA	41	187				223								
CA	D2	187			222									
CA	21	151					230							
CA	22	151					223							
CA	23	151					190							
SUBTOTALS			0	127	326	328	1040	0	0	0	0	0	0	
PAY TOTALS			0	130	340	340	1090	0	0	0	0	0	0	INCLUDE 5% FOR SNAKING

ROUTE H (RIVERVIEW) AT ST. LOUIS RIVERFRONT TRAIL – SOUTH INTERSECTION

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:30:32 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	29

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE H AT
ST. LOUIS RIVERFRONT TRAIL
D-37B

EFFECTIVE: 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY			CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
						CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	UIP EX. POWER SUPPLY	COMBINATION PAD MOUNTED 120/240V POWER SUPPLY & LIGHTING CONTROLLER & UPS (SEE SPECIAL SHEETS)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
								SIGNALS	LIGHTING				
ROUTE H	120+13.8	40.3' LT	Type	1		15 AMPS	15 AMPS	100 AMPS					
			Type										
INTERSECTION TOTAL				1									

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP									
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170	FIBER		E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE H	129+29.4	54.9' RT			1												1					
INTERSECTION TOTAL					1												1					

NEMA DETECTOR ASSIGNMENT

CHANNEL	CARD POSITION 1	2	3	4	5	6	7	8
1								
2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	DETECTOR ZONE	TYPE: ACCESSIBLE PED SIGNAL PUSH BUTTON	TYPE: INDUCTION LOOP (2) STANDARD	TYPE: INDUCTION LOOP (2) DELAY/ EXTEND *	TYPE: INDUCTION LOOP (2) CALL UNIT *	TYPE: SL DETECTION
D1	PED CROSSING - EASTBOUND		1				
D2	PED CROSSING - WESTBOUND		1				
INTERSECTION TOTAL			2				

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
4	R3-5L	30 X 36	7.5	30.0	4
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1	84 X 18	10.5		
	R10-3E	9 X 15	0.9		
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
	R10-3eR	9 X 15	0.9		
2	R10-3eL	9 X 15	0.9	1.8**	2**
		SUBTOTAL		3.6	2
		TOTAL		0	0

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NOT USED	Ø2 NBT	NOT USED	Ø4 PED	NOT USED	Ø6 SBT	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** PEDESTRIAN SIGNS AND MOUNTING HARDWARE INCLUDED IN PAY ITEM FOR ACCESSIBLE PEDESTRIAN PUSH BUTTON.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

ROUTE H/RIVERVIEW AT ST. LOUIS RIVERFRONT TRAIL - SOUTH
INTERSECTION

D-37C

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
03/28/2026 2:30:56 PM
HEATHER M.COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED: 9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	30

COUNTY: ST. LOUIS CITY
JOB NO.: JSL0065
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

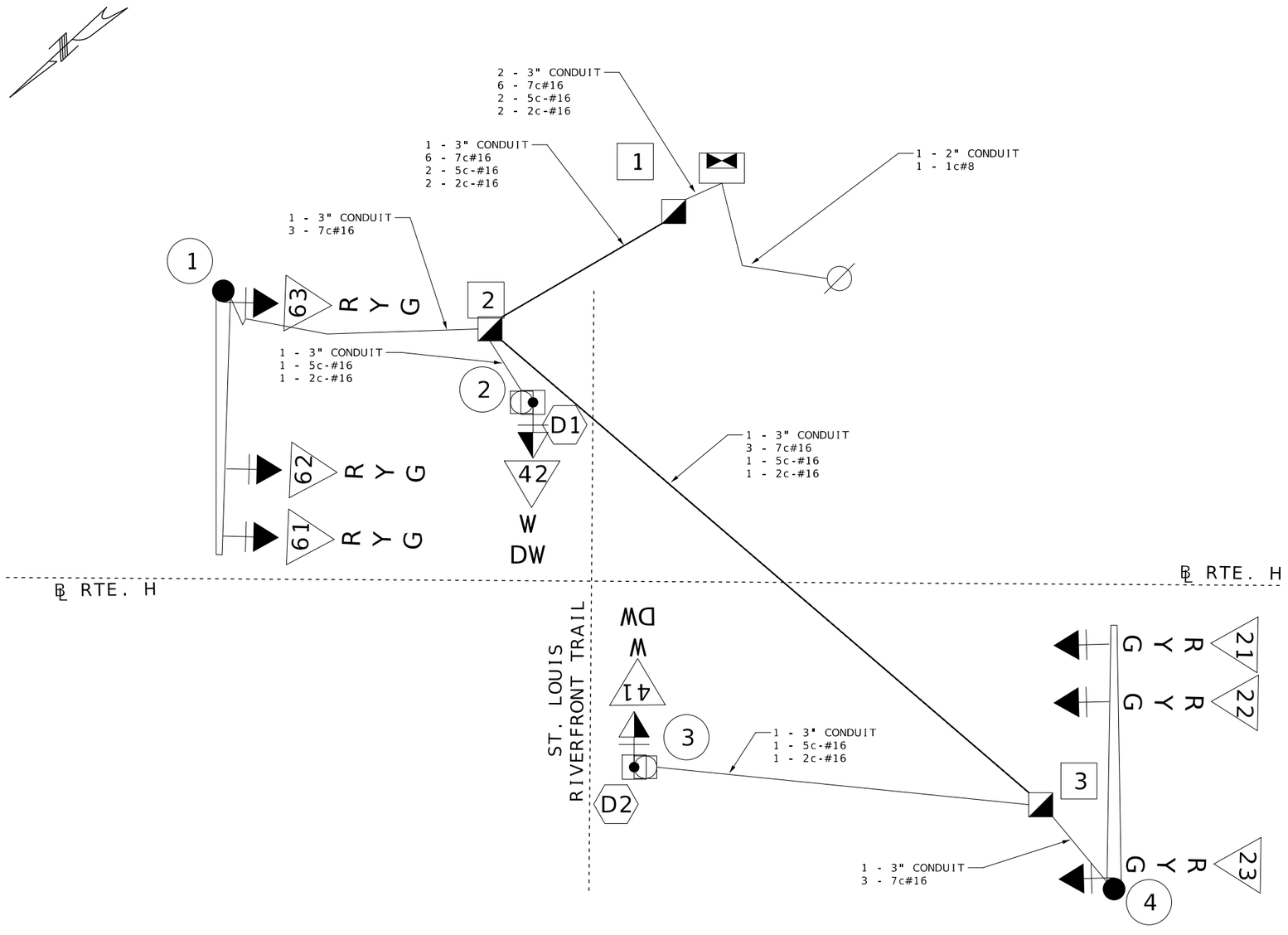
DESCRIPTION | DATE

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

SIGNAL SHEET
ROUTE H AT ST. LOUIS
RIVERFRONT TRAIL
D-37C

EFFECTIVE: 12-01-2017

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

ROUTE H (RIVERVIEW) AT ST. LOUIS RIVERFRONT TRAIL - SOUTH

INTERSECTION

D-37D

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:31:18 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED: 9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	31

COUNTY: ST. LOUIS CITY

JOB NO.: JSL0065

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

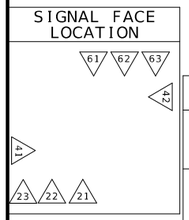
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE H AT ST. LOUIS
RIVERFRONT TRAIL
D-37D

EFFECTIVE: 12-01-2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE Ø1	PHASE Ø2	PHASE Ø3	PHASE Ø4	PHASE Ø5	PHASE Ø6	PHASE Ø7	PHASE Ø8	OVERLAP E	OVERLAP F	OVERLAP	OVERLAP	OVERLAP A	OVERLAP B	OVERLAP C	OVERLAP D
	NOT USED		NOT USED		NOT USED		NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED
FACE NUMBERS		21 22 23		41 42		61 62 63										
SIGNAL INDICATIONS R		R R R		DW DW		R R R										
SIGNAL INDICATIONS Y		Y Y Y		FDW FDW		Y Y Y										
SIGNAL INDICATIONS FYA																
SIGNAL INDICATIONS G		G G G		W W		G G G										
DETECTOR ASSIGNMENTS				D1 D2												
DETECTOR ASSIGNMENTS (PEDS. ONLY)									D1 D2							
OVERLAP PARENT PHASES									Ø4							

(FACE NUMBERS, SIGNAL INDICATIONS, and DETECTOR ASSIGNMENTS are repeated at the right side of the table.)

PHASE 1	PHASE 2	PHASE 3	PHASE 4
RING 1 NOT USED		NOT USED	
RING 2 NOT USED		NOT USED	NOT USED
PHASE 5	PHASE 6	PHASE 7	PHASE 8

BARRIER

RING STRUCTURE

NOTES:

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ROUTE H (RIVERVIEW)	FR

CONTROLLER TYPE	NEMA Ø8

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE H (RIVERVIEW)

WITH ST. LOUIS RIVERFRONT TRAIL - SOUTH

D-38A

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:31:44 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED: 9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	32

COUNTY: ST. LOUIS CITY

JOB NO.: JSL0065

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

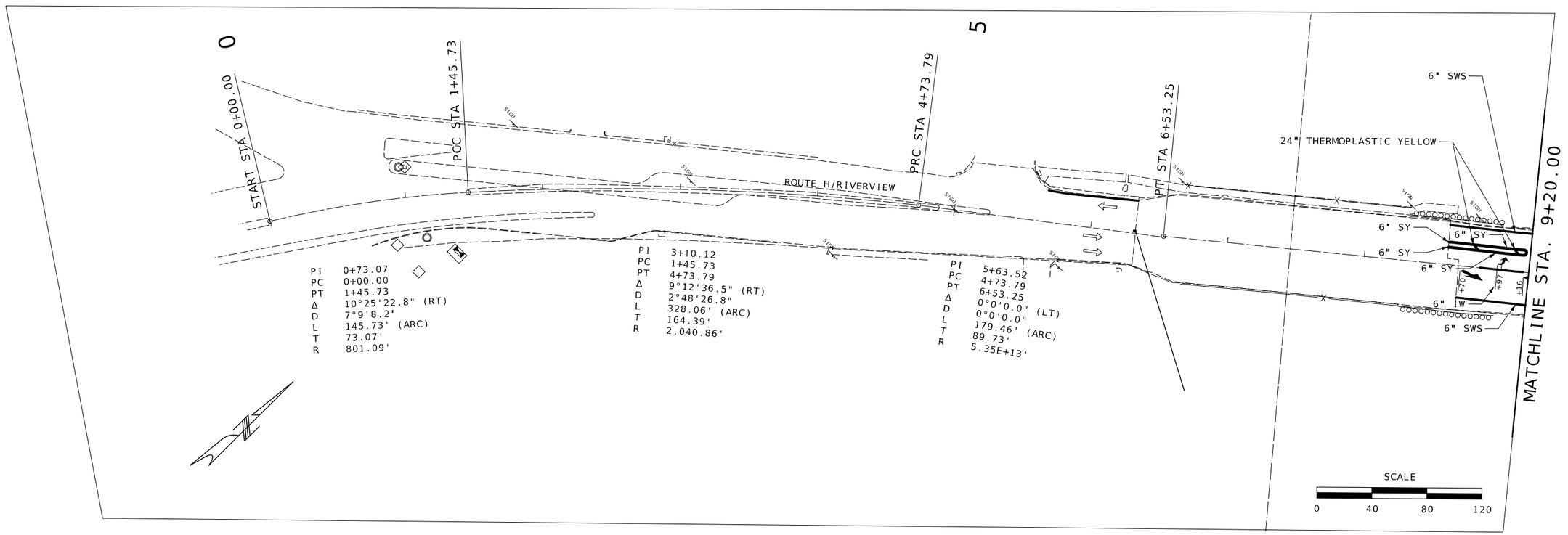
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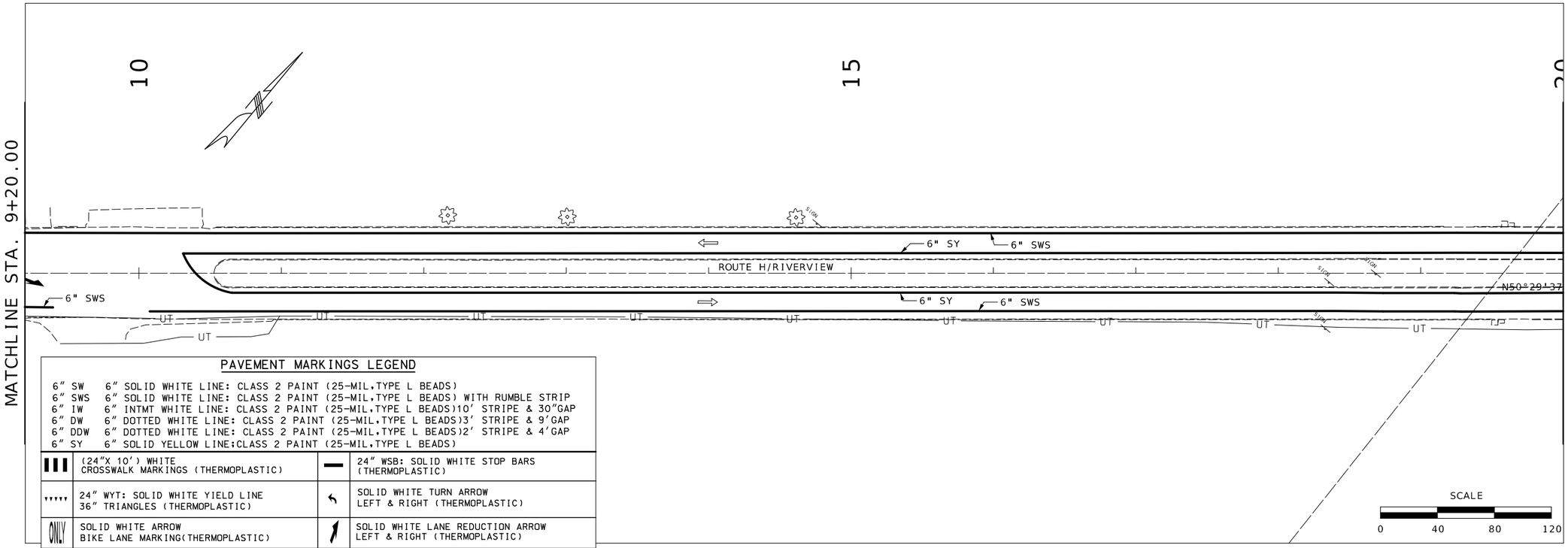
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE H AT ST. LOUIS
RIVERFRONT TRAIL - SOUTH
D-38A





PAVEMENT MARKINGS LEGEND

6″ SW 6″ SOLID WHITE LINE: CLASS 2 PAINT (25-MIL,TYPE L BEADS)
6″ SWS 6″ SOLID WHITE LINE: CLASS 2 PAINT (25-MIL,TYPE L BEADS) WITH RUMBLE STRIP
6″ IW 6″ INTMT WHITE LINE: CLASS 2 PAINT (25-MIL,TYPE L BEADS)10′ STRIPE & 30″GAP
6″ DW 6″ DOTTED WHITE LINE: CLASS 2 PAINT (25-MIL,TYPE L BEADS)3′ STRIPE & 9′GAP
6″ DDW 6″ DOTTED WHITE LINE: CLASS 2 PAINT (25-MIL,TYPE L BEADS)2′ STRIPE & 4′GAP
6″ SY 6″ SOLID YELLOW LINE:CLASS 2 PAINT (25-MIL,TYPE L BEADS)

	(24″X 10′) WHITE CROSSWALK MARKINGS (THERMOPLASTIC)		24″ WSB: SOLID WHITE STOP BARS (THERMOPLASTIC)
	24″ WYT: SOLID WHITE YIELD LINE 36″ TRIANGLES (THERMOPLASTIC)		SOLID WHITE TURN ARROW LEFT & RIGHT (THERMOPLASTIC)
ONLY	SOLID WHITE ARROW BIKE LANE MARKING(THERMOPLASTIC)		SOLID WHITE LANE REDUCTION ARROW LEFT & RIGHT (THERMOPLASTIC)
	WHITE U-TURN ARROW (THERMOPLASTIC)		LANE USAGE ARROW

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
05/28/2026 2:32:22 PM
HEATHER M.COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	33

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

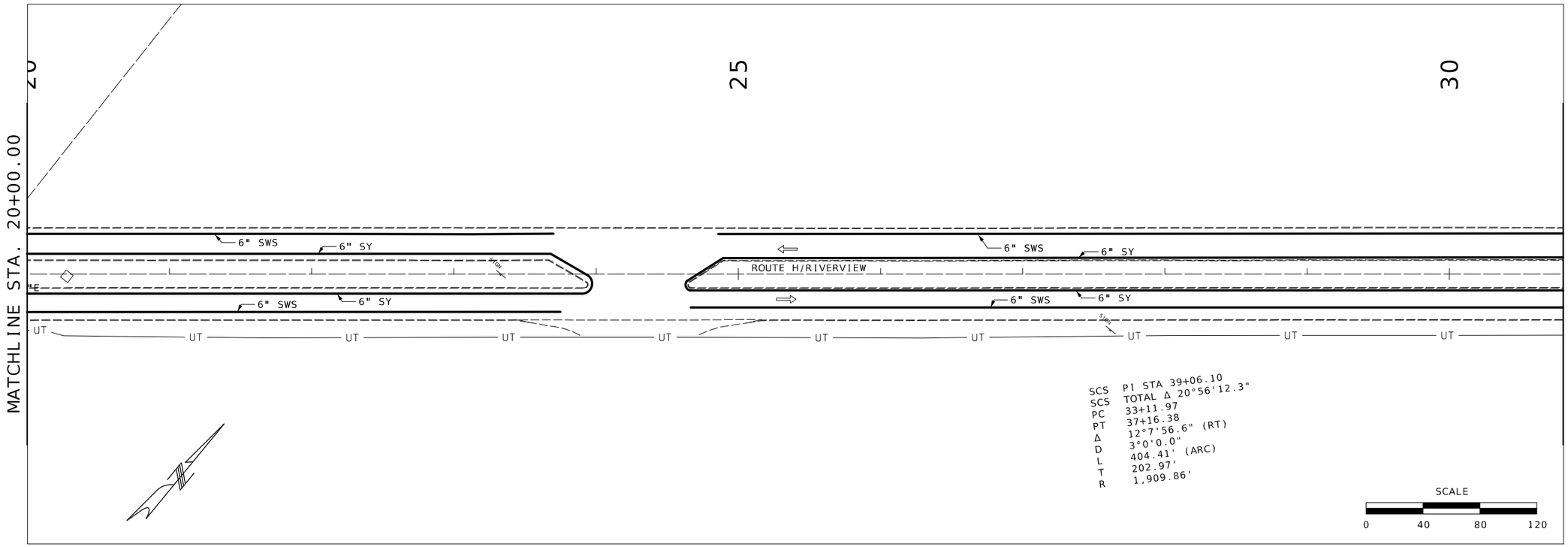
BRIDGE NO.

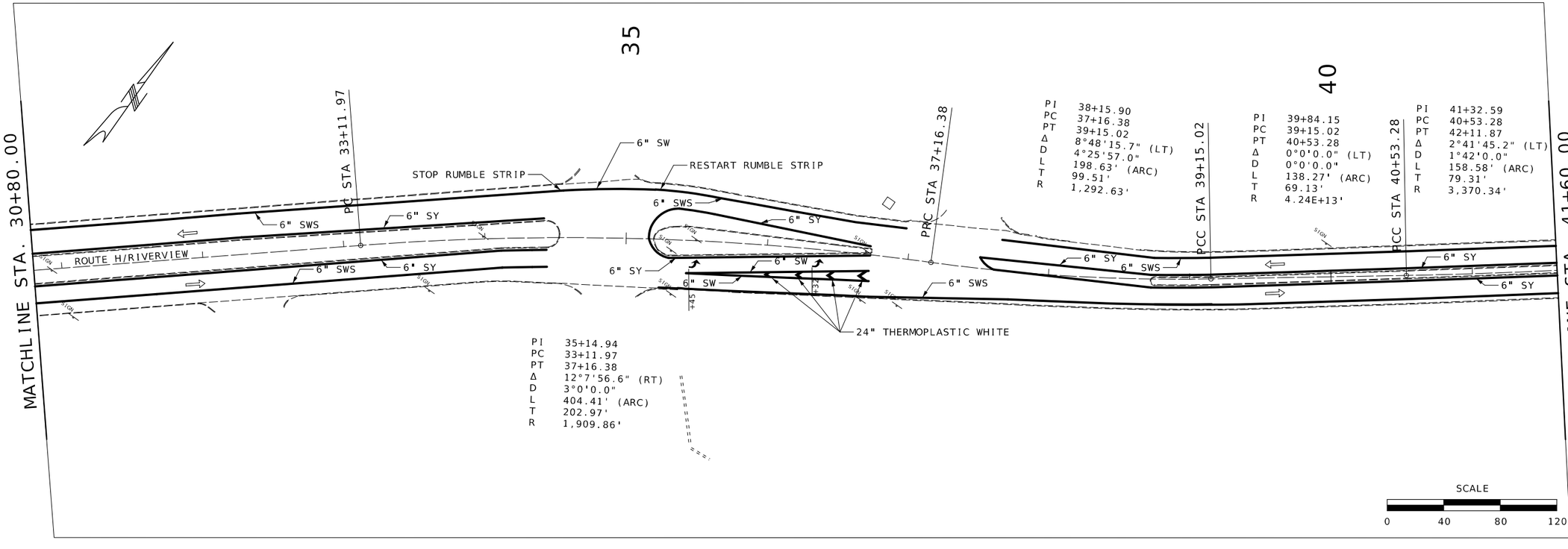
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKING
1 OF 10





HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
STATE OF MISSOURI

09/28/2026 2:34:46 PM
HEATHER M COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	34

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

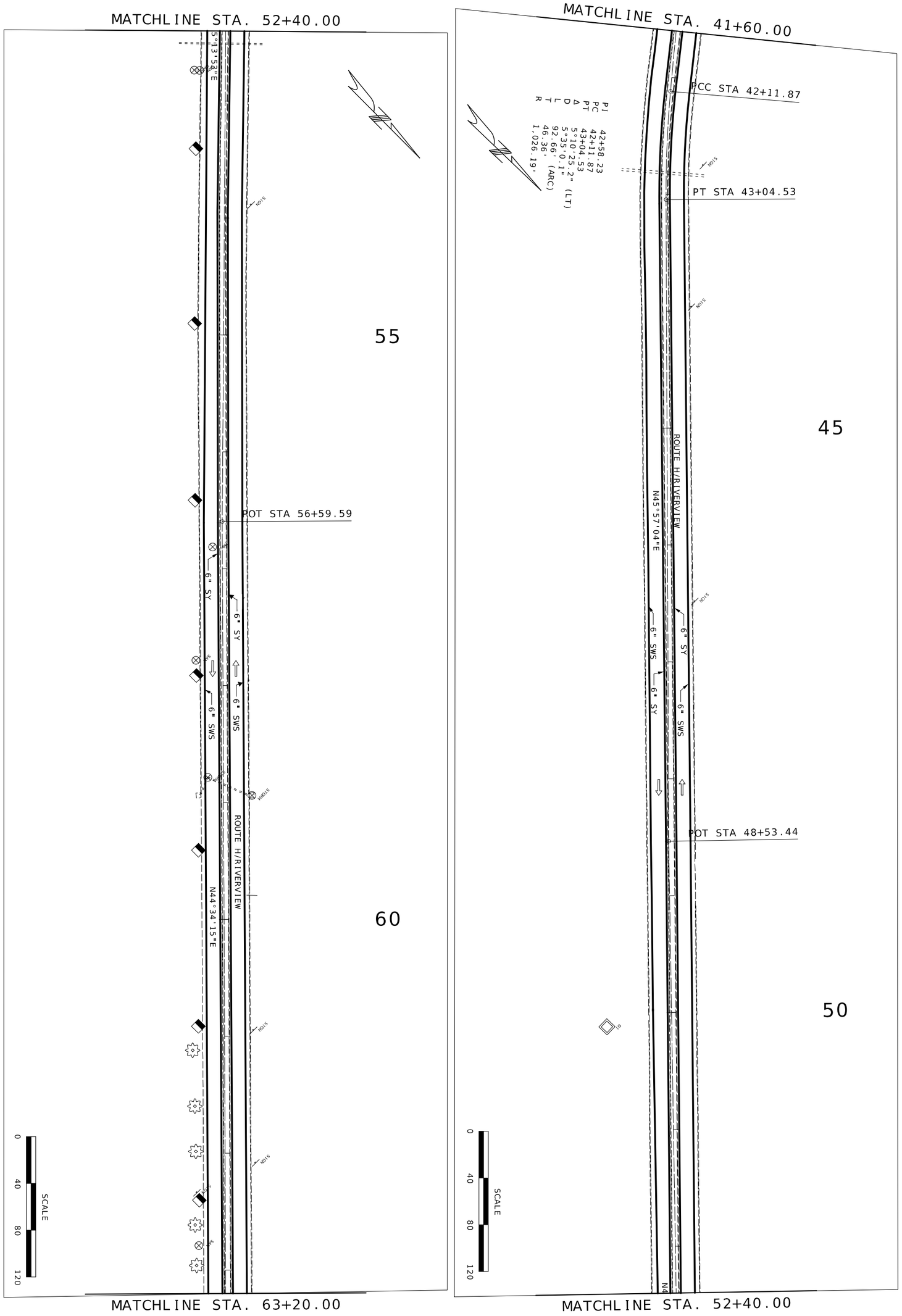
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKING
2 OF 10



PAVEMENT MARKING
3 OF 10

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. JSL0065

JOB NO.

COUNTY ST. LOUIS CITY

DISTRICT H

SHEET NO. 35

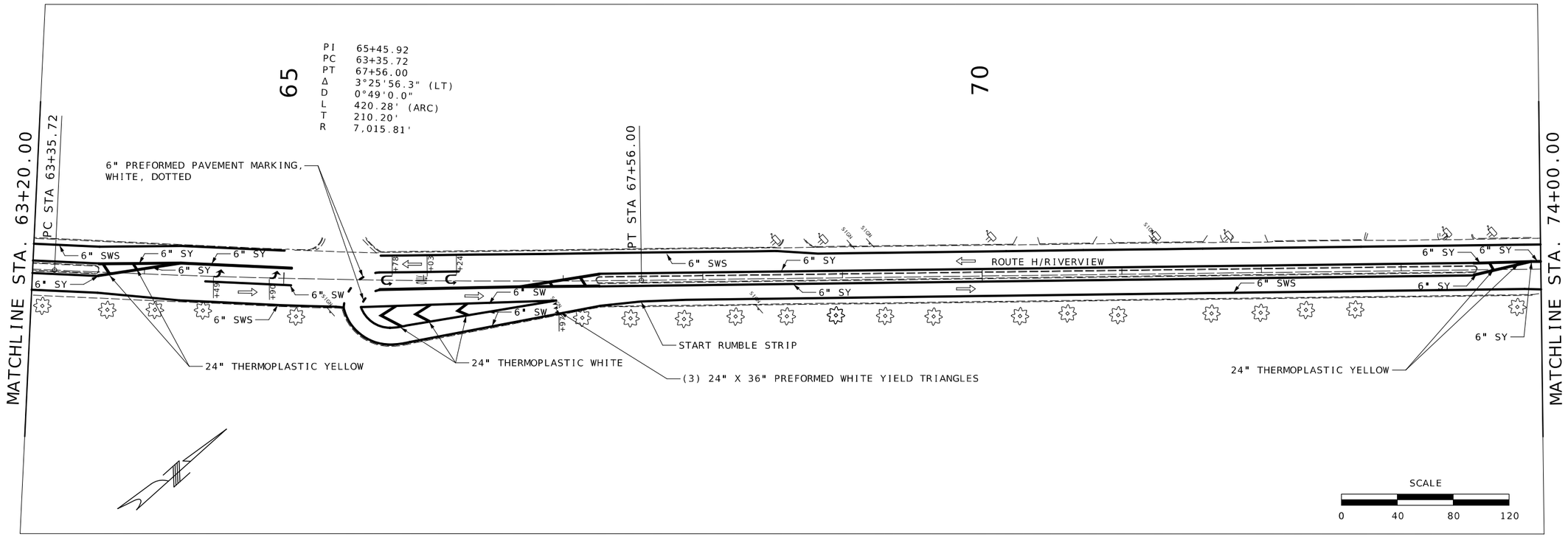
ROUTE H

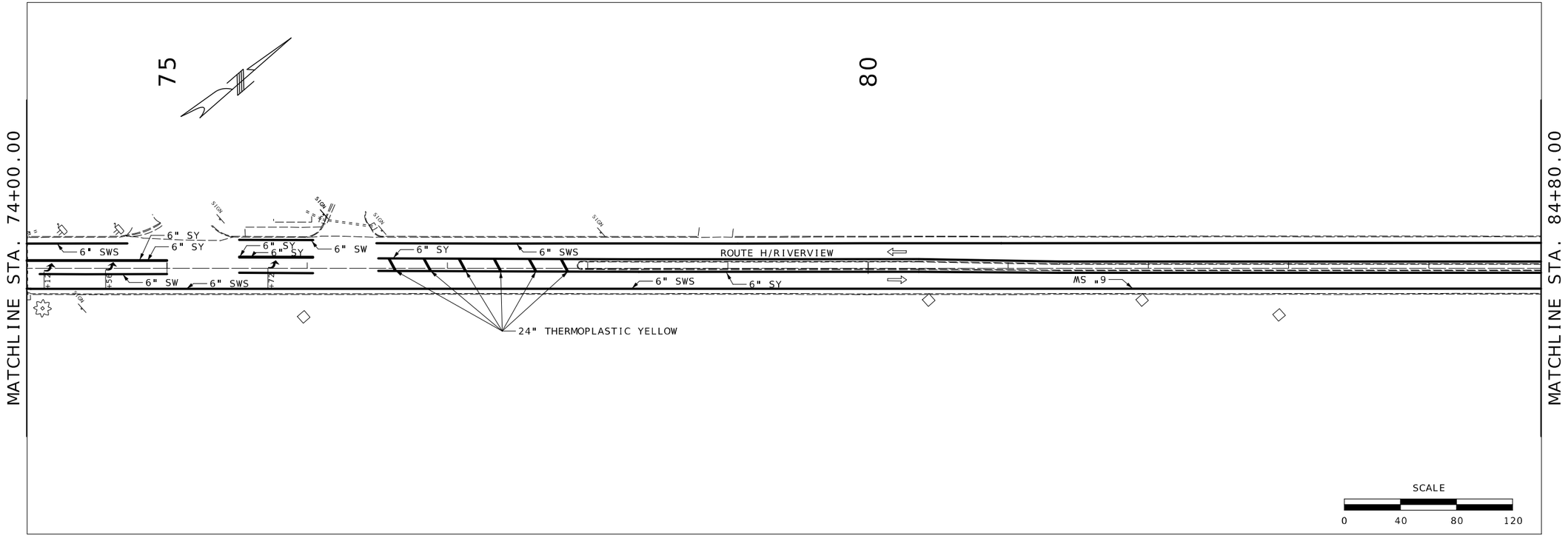
STATE MO

DATE PREPARED 9/28/2026

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
HEATHER.M.COPELAND@MODOT.MO.GOV
MO-PE-2009018706

Heather M. Copeland





STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:39:20 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	36

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

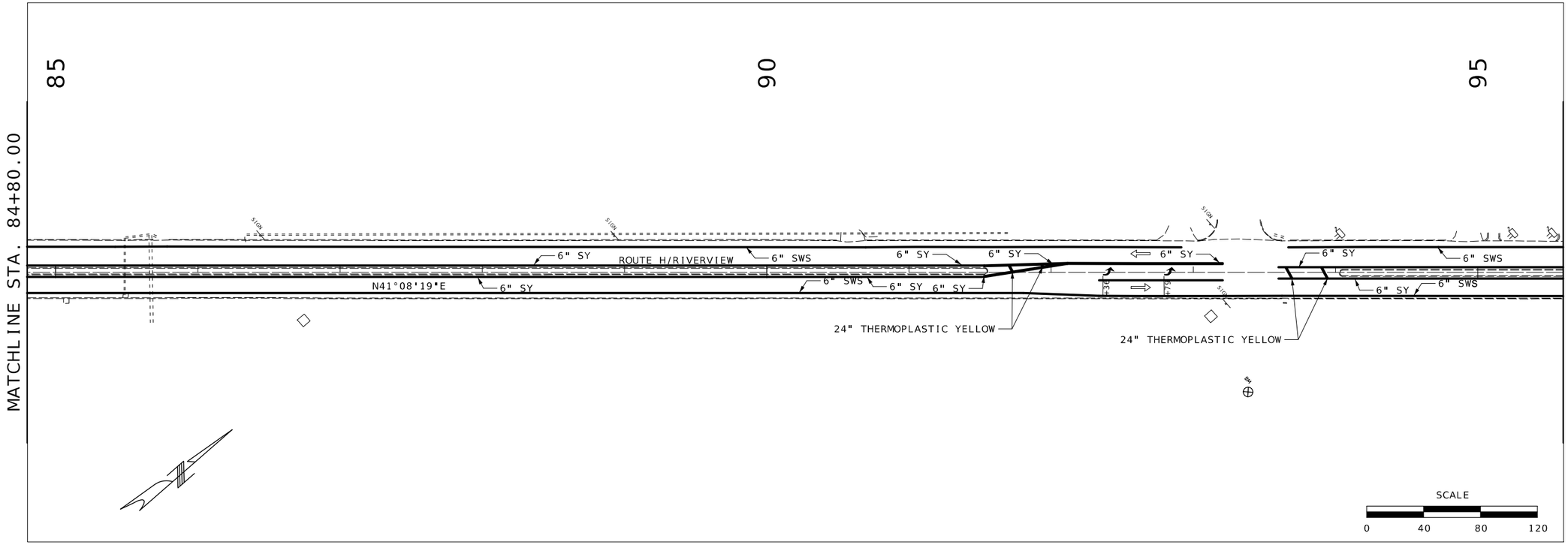
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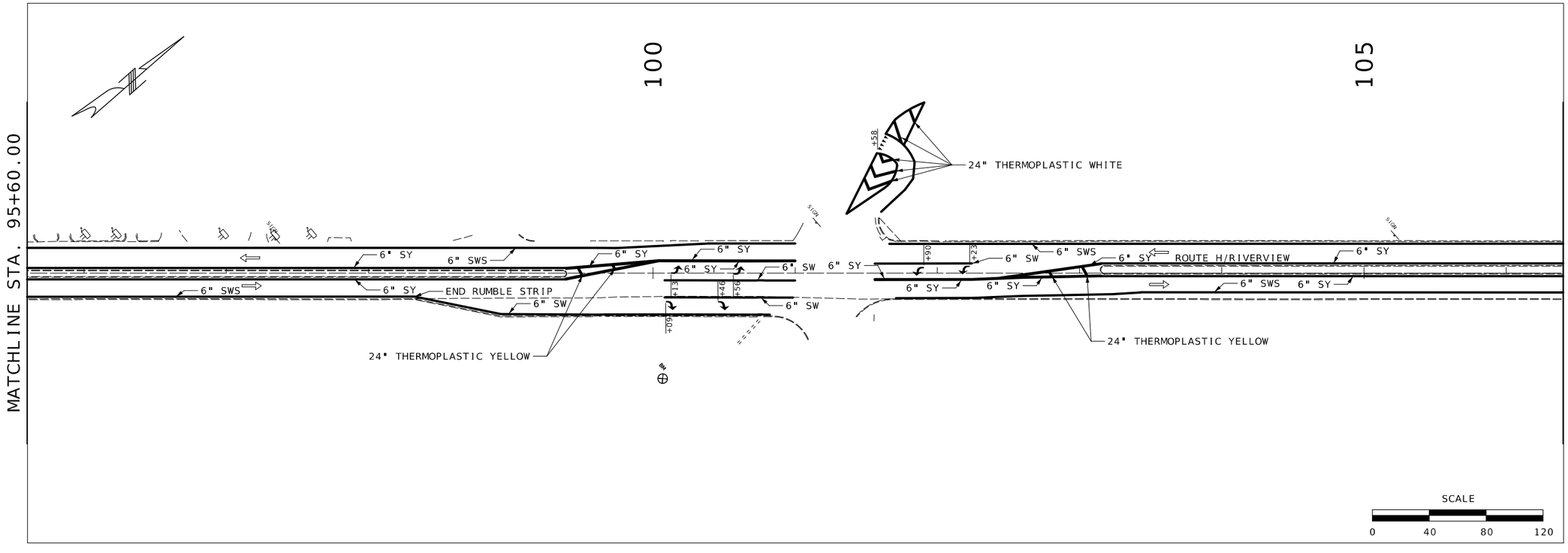
BRIDGE NO.

DESCRIPTION	DATE

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

PAVEMENT MARKING
4 OF 10





STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:42:07 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	37

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKING
5 OF 10

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
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HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	38

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

PROJECT NO.

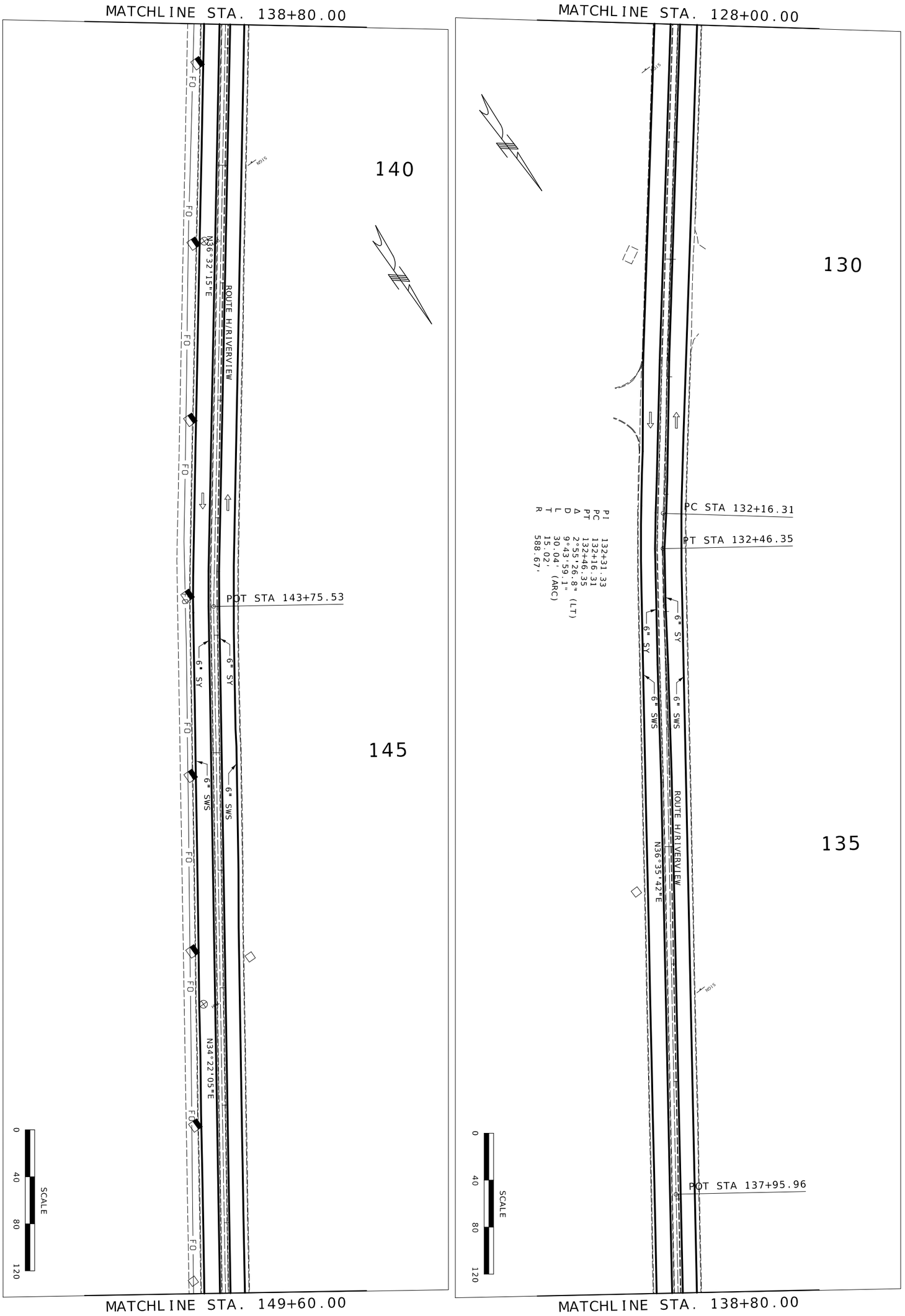
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKING
6 OF 10



PAVEMENT MARKING
7 OF 10

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.
JSL0065

JOB NO.

COUNTY
ST. LOUIS CITY

DISTRICT
SL

SHEET NO.
39

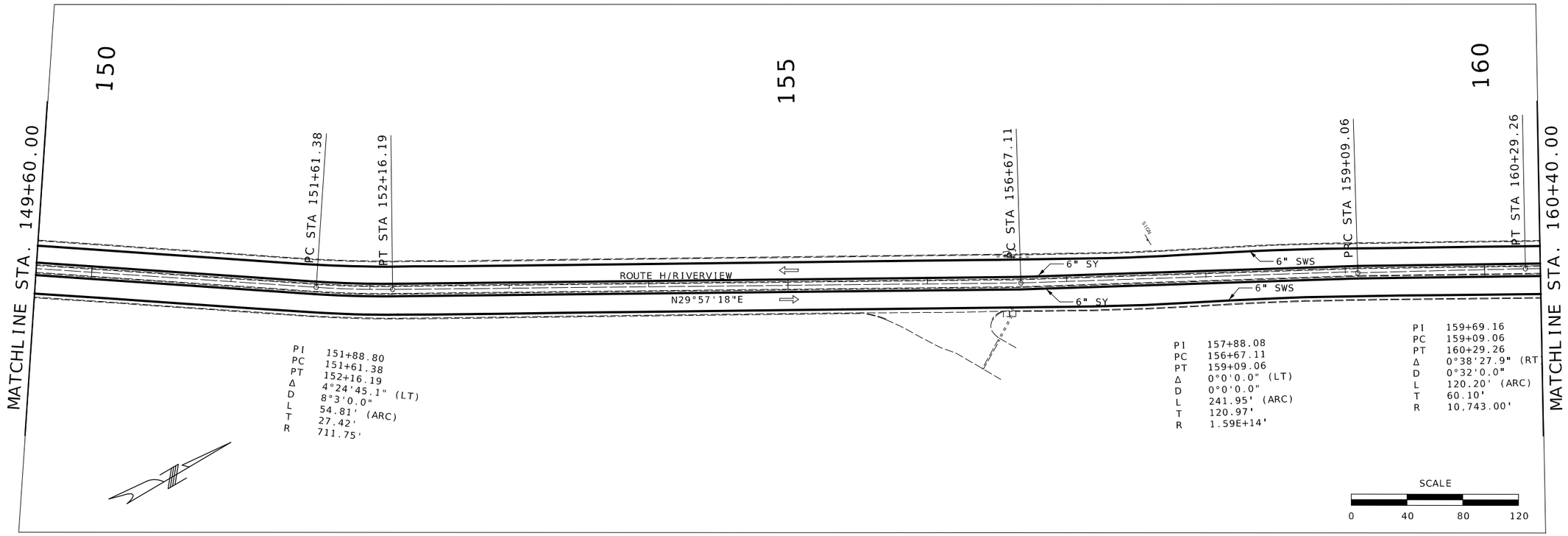
ROUTE
H

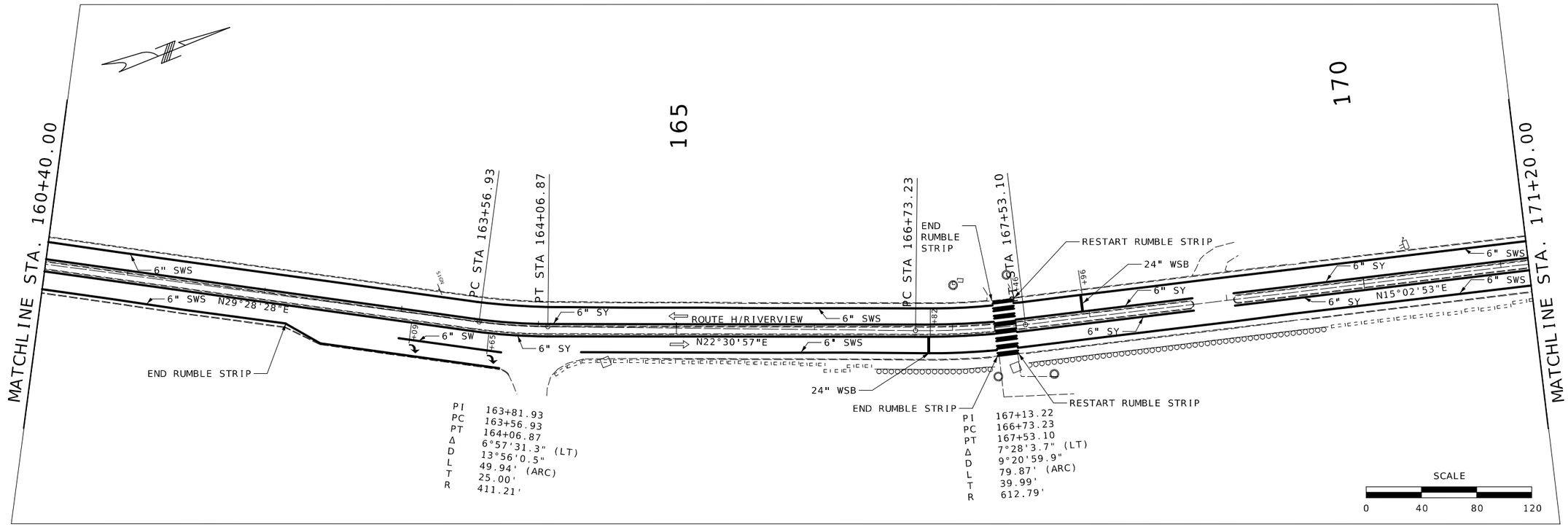
STATE
MO

DATE PREPARED
9/28/2026

HEATHER M COPELAND
PE-2009018706
STATE OF MISSOURI
PROFESSIONAL ENGINEER

HEATHER COPELAND
2026.09.28 04:11:11 PM
-05'00'





STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
09/28/2026 2:44:50 PM
HEATHER M. COPELAND - CIVIL
MO-PE-2009018706

DATE PREPARED
9/28/2026

ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
SL	40

COUNTY
ST. LOUIS CITY

JOB NO.
JSL0065

CONTRACT ID.

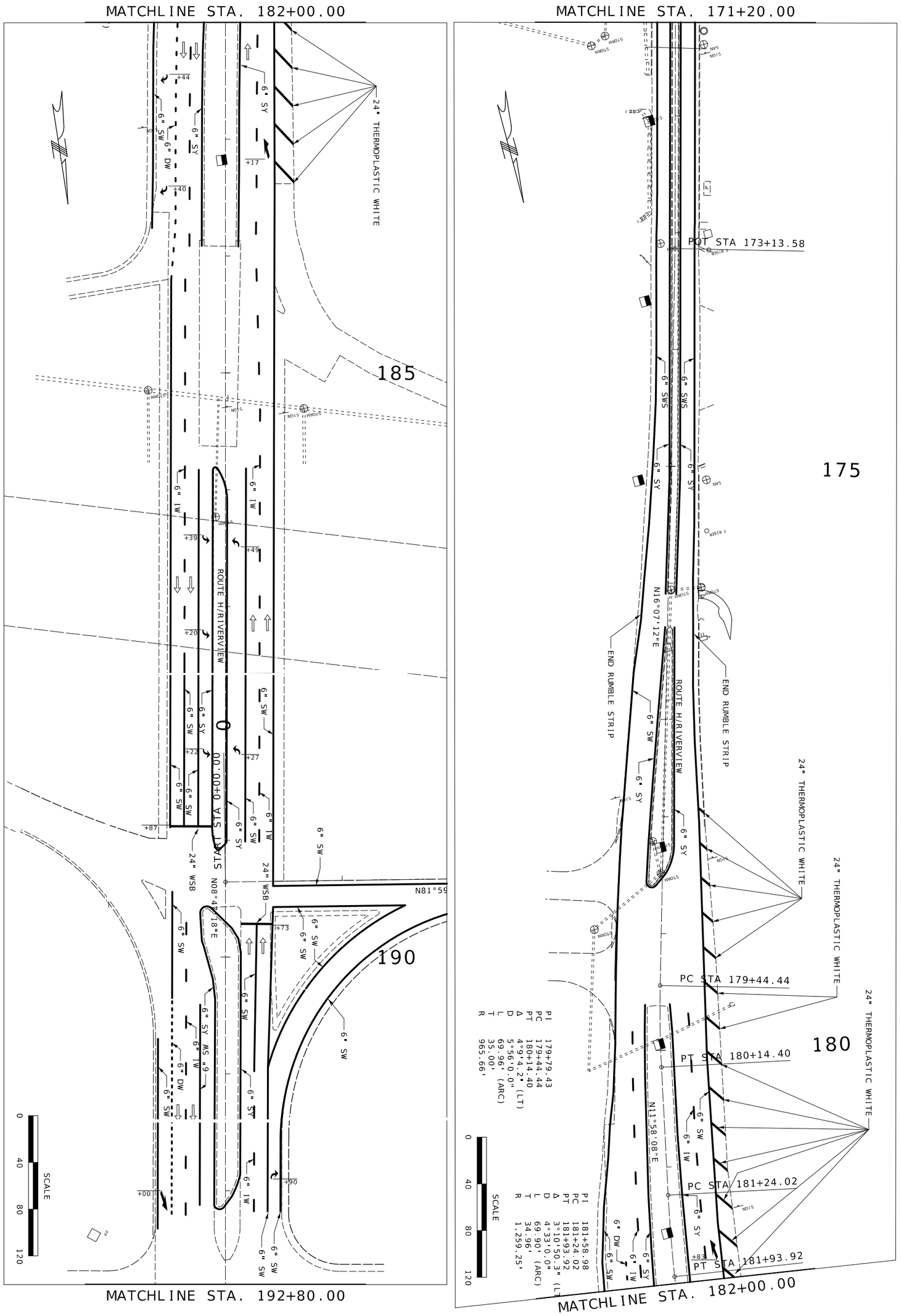
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

PAVEMENT MARKING
8 OF 10



PAVEMENT MARKING
9 OF 10

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. JSL0065

JOB NO.

COUNTY ST. LOUIS CITY

DISTRICT SL

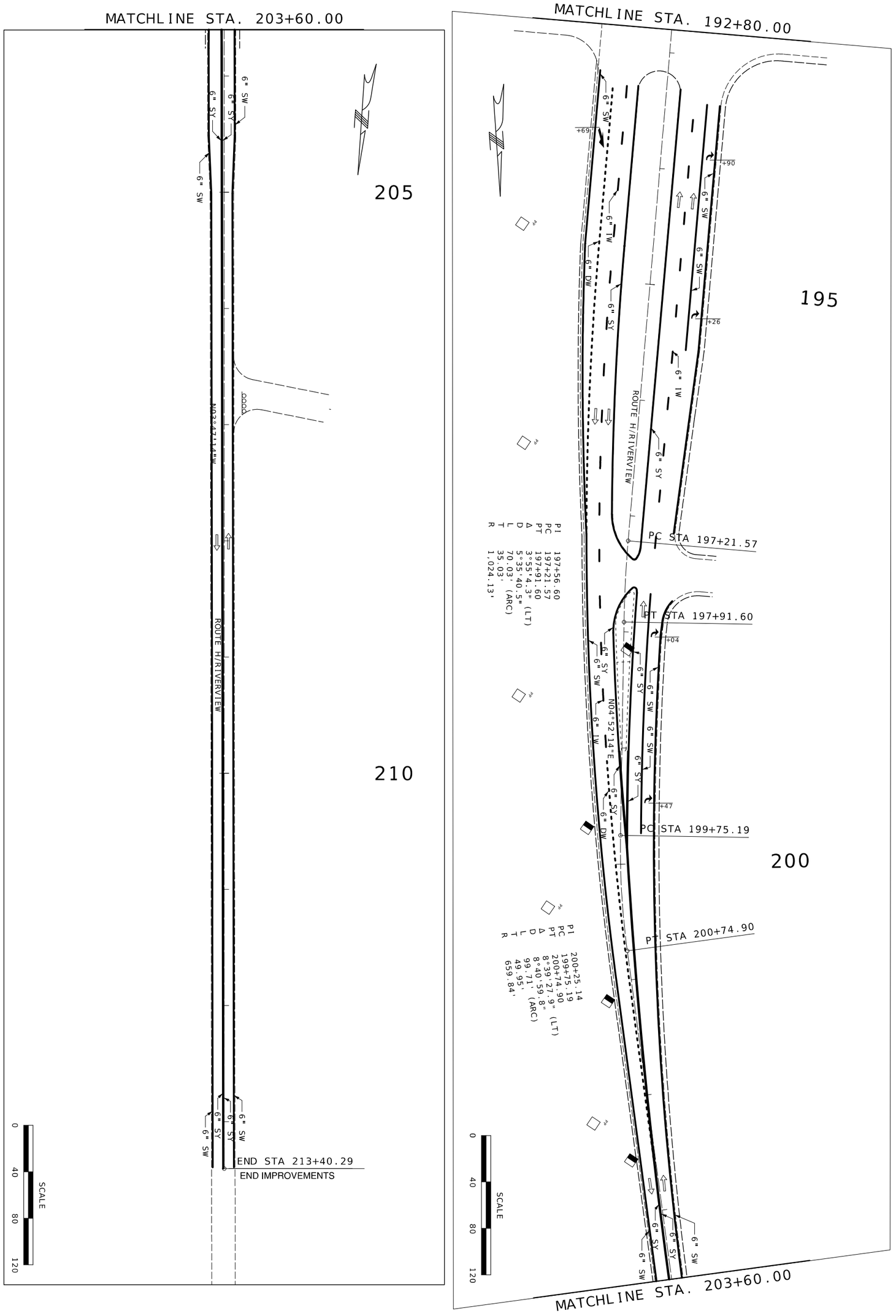
SHEET NO. 41

ROUTE H

STATE MO

DATE PREPARED 9/28/2026

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER
HEATHER.COPELAND@MODOT.MO.GOV
MO-PE-2009018706



PAVEMENT MARKING
10 OF 10

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. JSL0065

JOB NO.

COUNTY ST. LOUIS CITY

DISTRICT SL

SHEET NO. 42

ROUTE H

STATE MO

DATE PREPARED 9/28/2026

STATE OF MISSOURI
PROFESSIONAL ENGINEER
HEATHER M COPELAND
NUMBER PE-2009018706

Heather Copeland
HEATHER M COPELAND
PE-2009018706
2026.09.28 03:58:08 PM
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MO-PE-2009018706