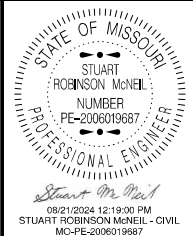


NOT TO SCALE





DATE PREPARED
8/20/2024

ROUTE	STATE
340	MO

DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

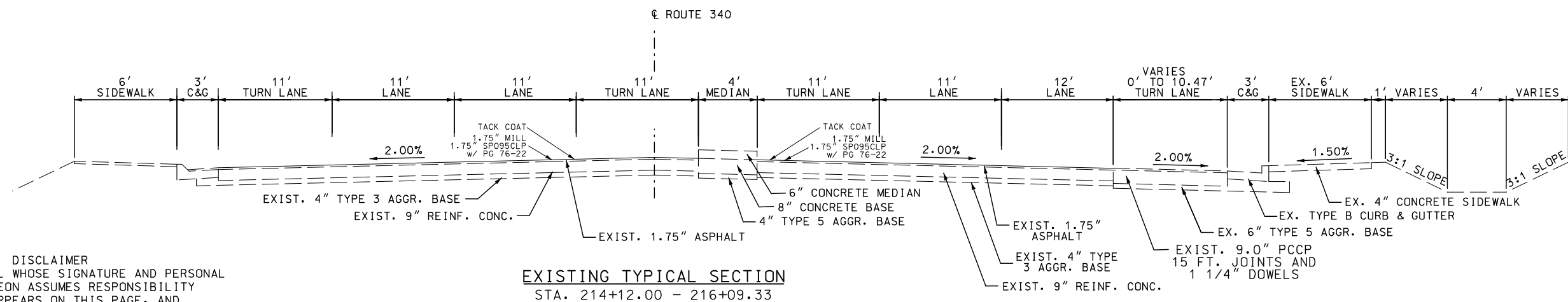
PROJECT NO.

BRIDGE NO.

[illegible]

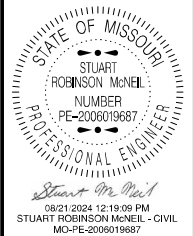

 MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-273-6636)

TYPICAL SECTIONS
SHEET 4 OF 14



DISCLAIMER

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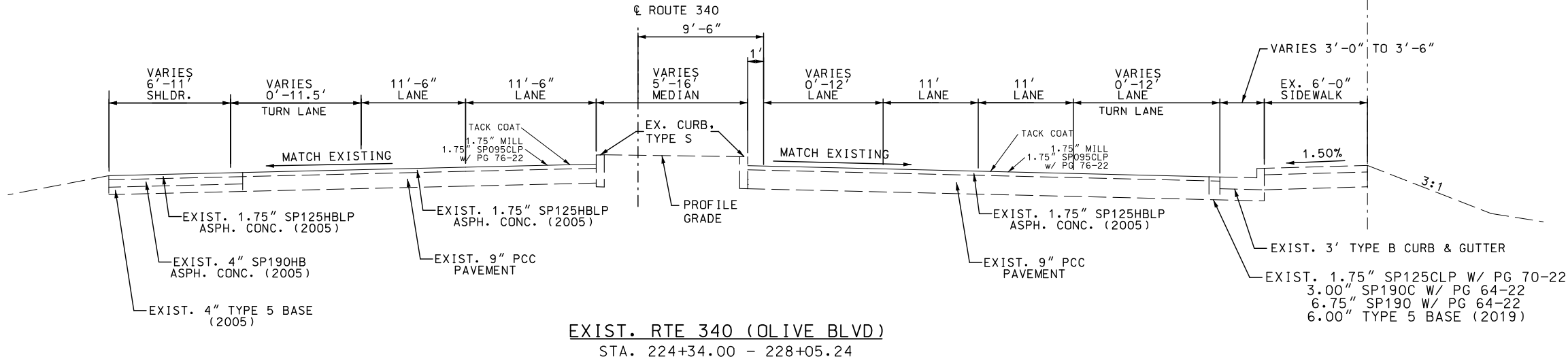
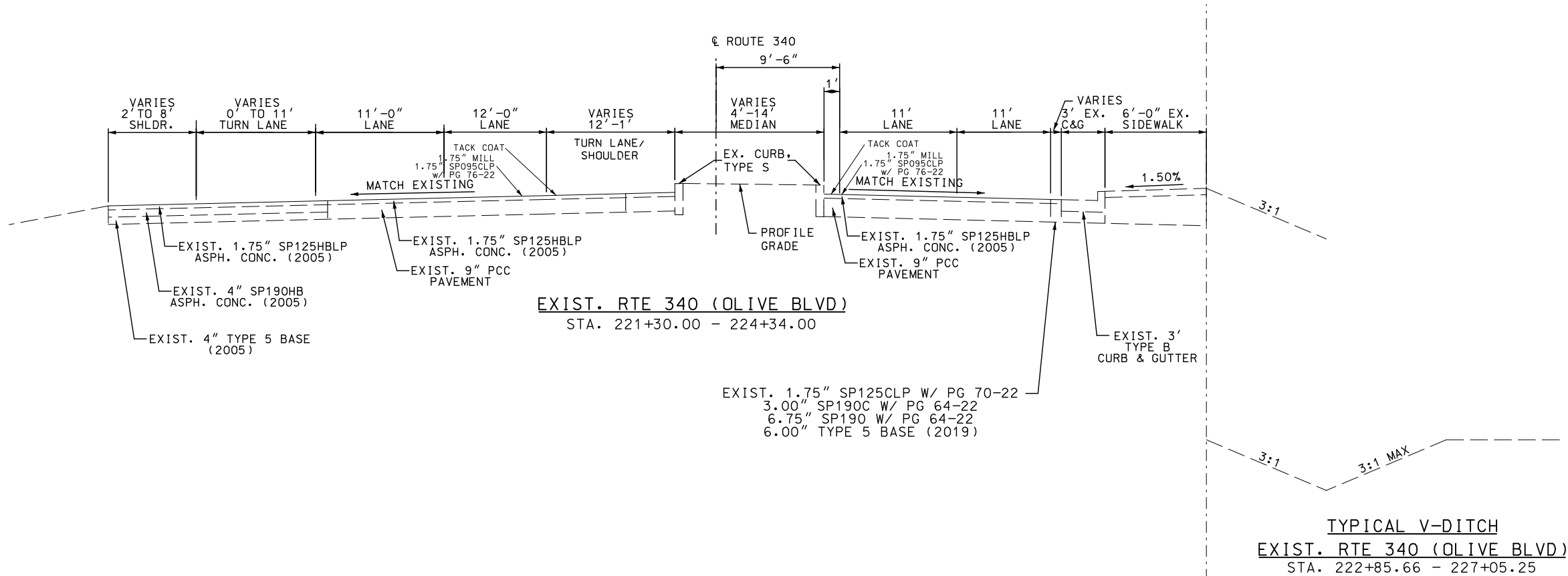
DATE PREPARED 8/20/2024	
ROUTE 340	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY ST. LOUIS	
JOB NO. JSL0076	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

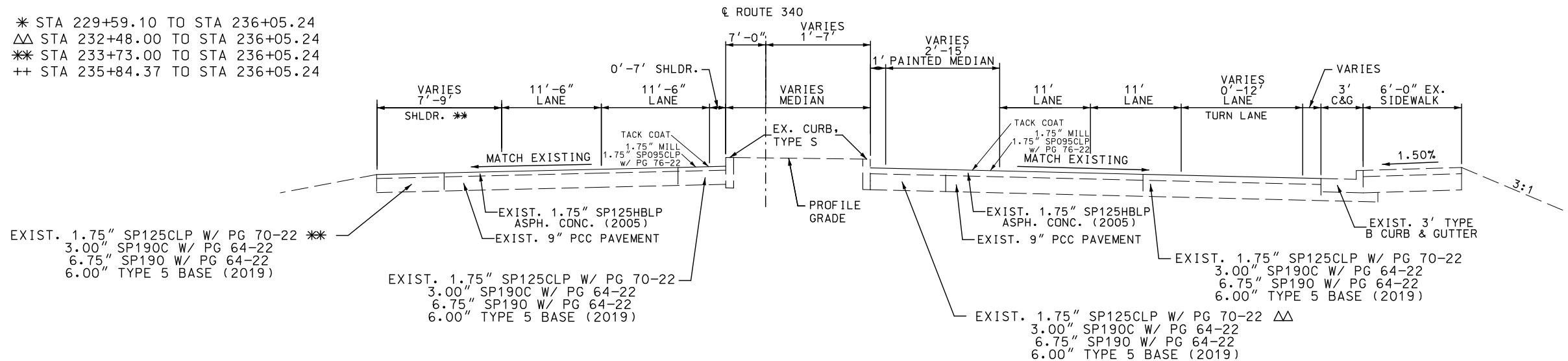
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTIONS
SHEET 5 OF 14



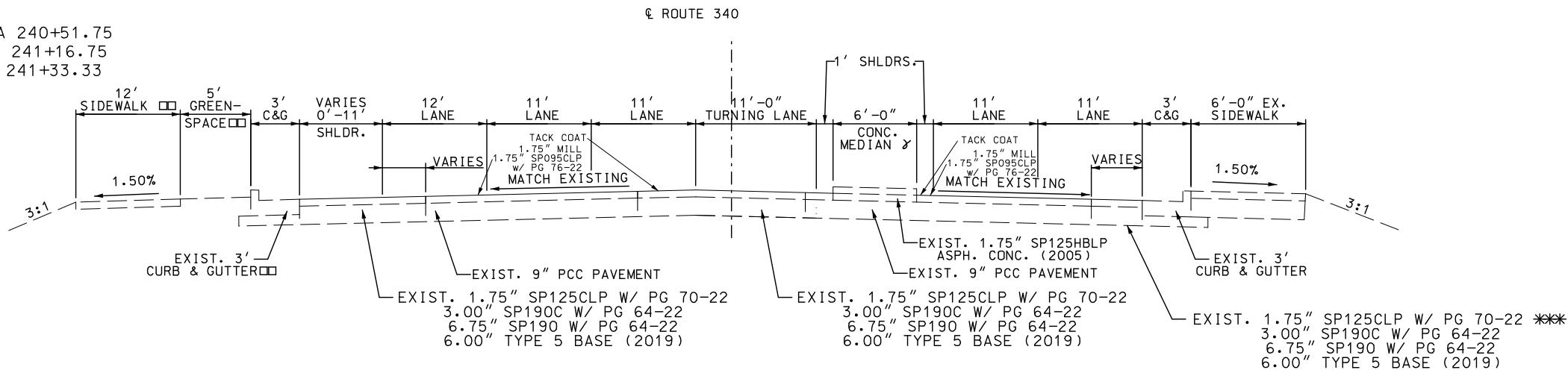
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* STA 229+59.10 TO STA 236+05.24
△△ STA 232+48.00 TO STA 236+05.24
** STA 233+73.00 TO STA 236+05.24
++ STA 235+84.37 TO STA 236+05.24



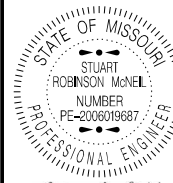
EXIST. RTE 340 (OLIVE BLVD)
STA. 228+05.24 - 236+05.24

*** STA 236+05.24 TO STA 240+51.75
□□ STA 237+15.00 TO STA 241+16.75
∕ STA 237+28.05 TO STA 241+33.33



EXIST. RTE 340 (OLIVE BLVD)
STA 236+05.24 - 241+33.33
STA 241+33.33 TO STA 244+30.48 (BRIDGE EXCEPTION)

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STUART ROBINSON MANEL
08/21/2024 12:19:22 PM
STUART ROBINSON MANEL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/20/2024

ROUTE STATE
340 MO

DISTRICT SHEET NO.
SL 2

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

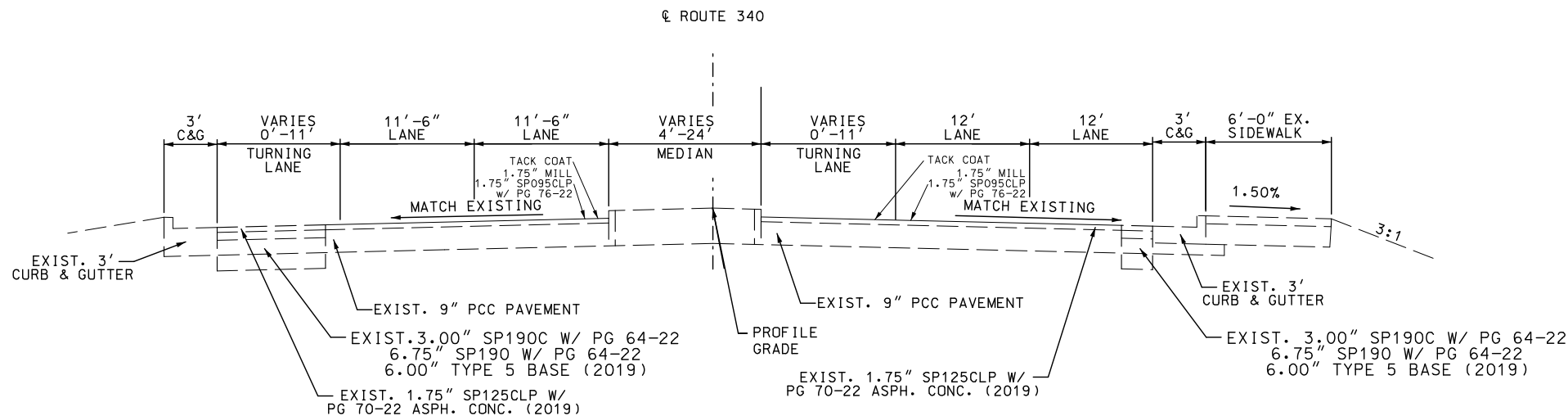
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

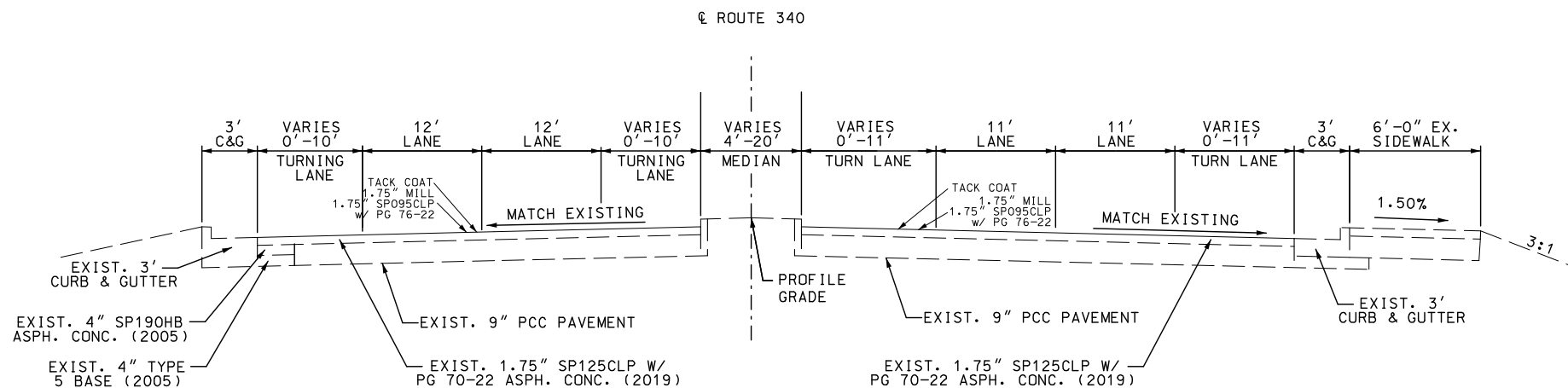
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

TYPICAL SECTIONS
SHEET 6 OF 14

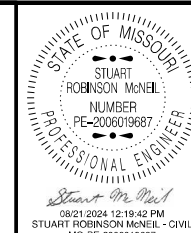


EXIST. RTE 340 (OLIVE BLVD)
STA. 252+65.00 - 261+23.00



EXIST. RTE 340 (OLIVE BLVD)
STA. 261+23.00 - 29+15.20

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DATE PREPARED
8/20/2024

ROUTE 340
DISTRICT SL
STATE MO
SHEET NO. 2

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

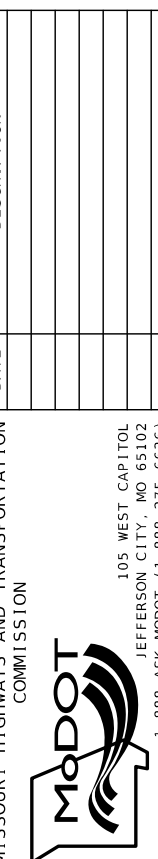
PROJECT NO.

BRIDGE NO.

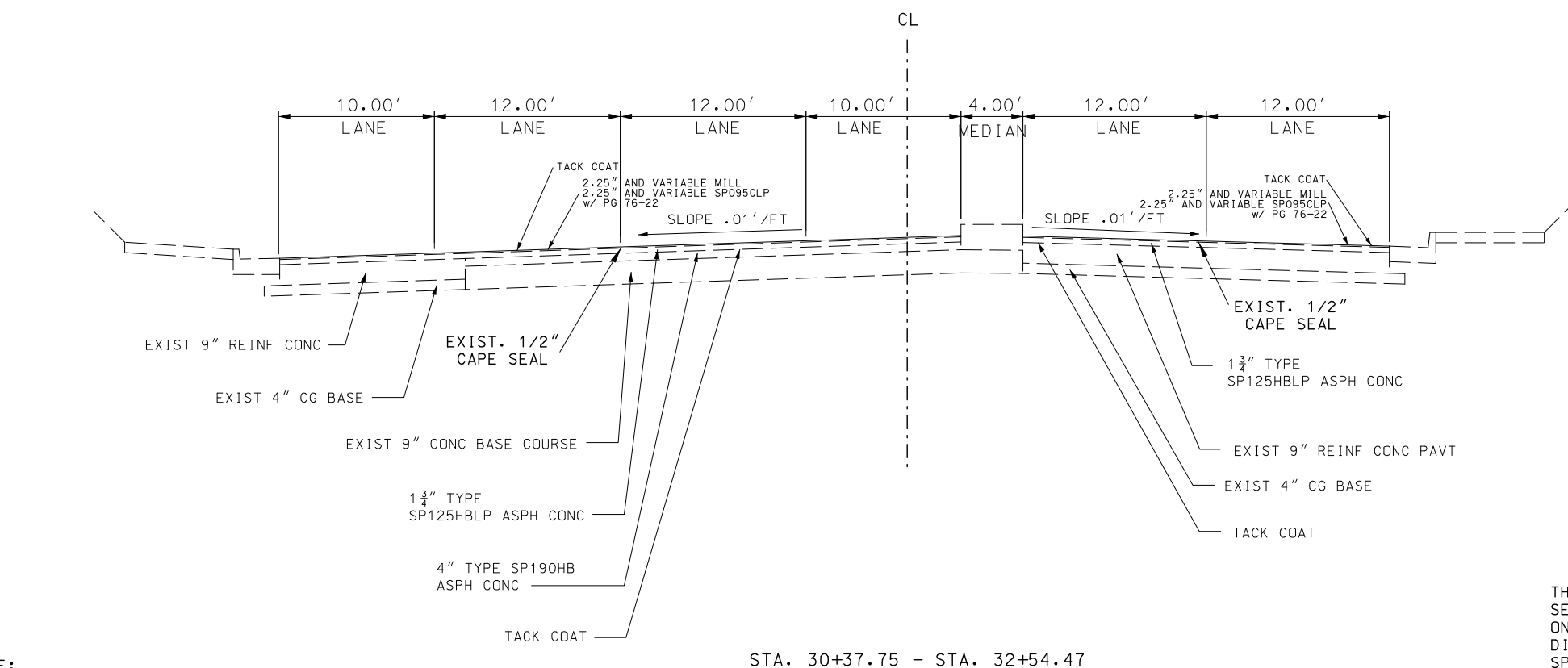
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



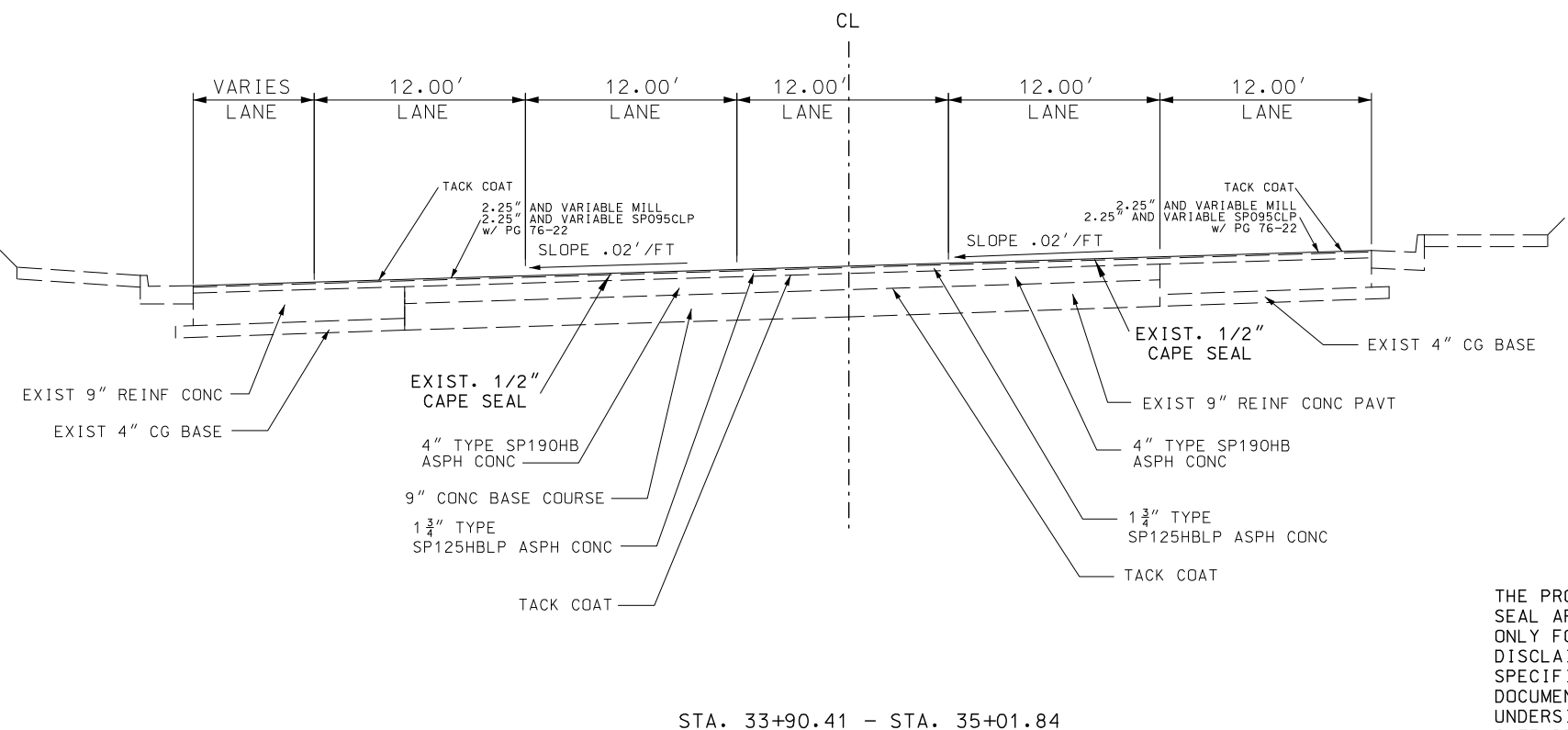
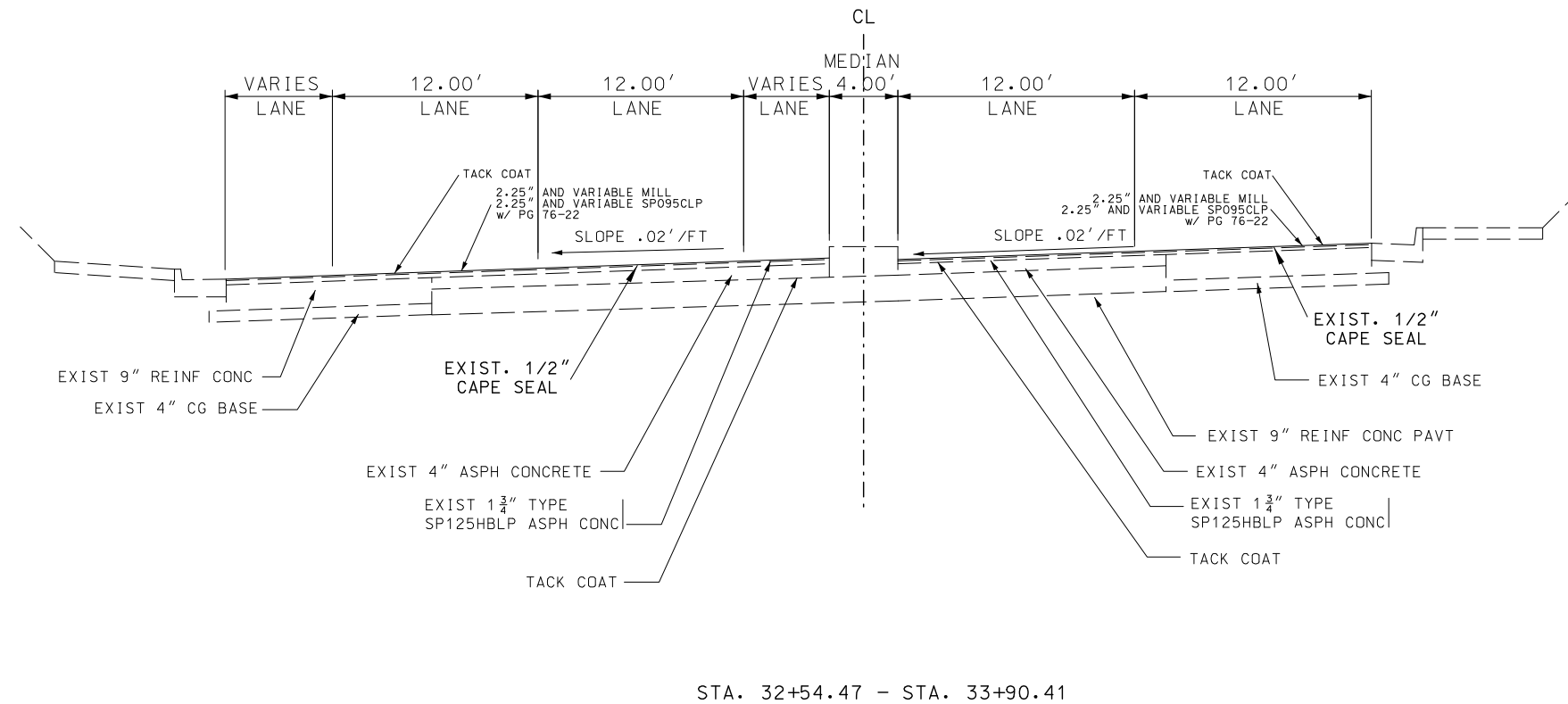
TYPICAL SECTIONS
SHEET 8 OF 14



STA. 30+37.75 - STA. 32+54.47

NOT TO SCALE

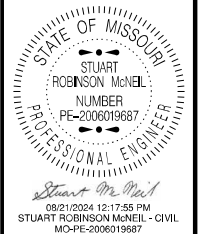




NOTE:
EXIST. SURVEY LINE NOT
SHOWN ON PLANS

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THE PROJECT TO WHICH THIS PAGE REFERS.

NOT TO SCALE



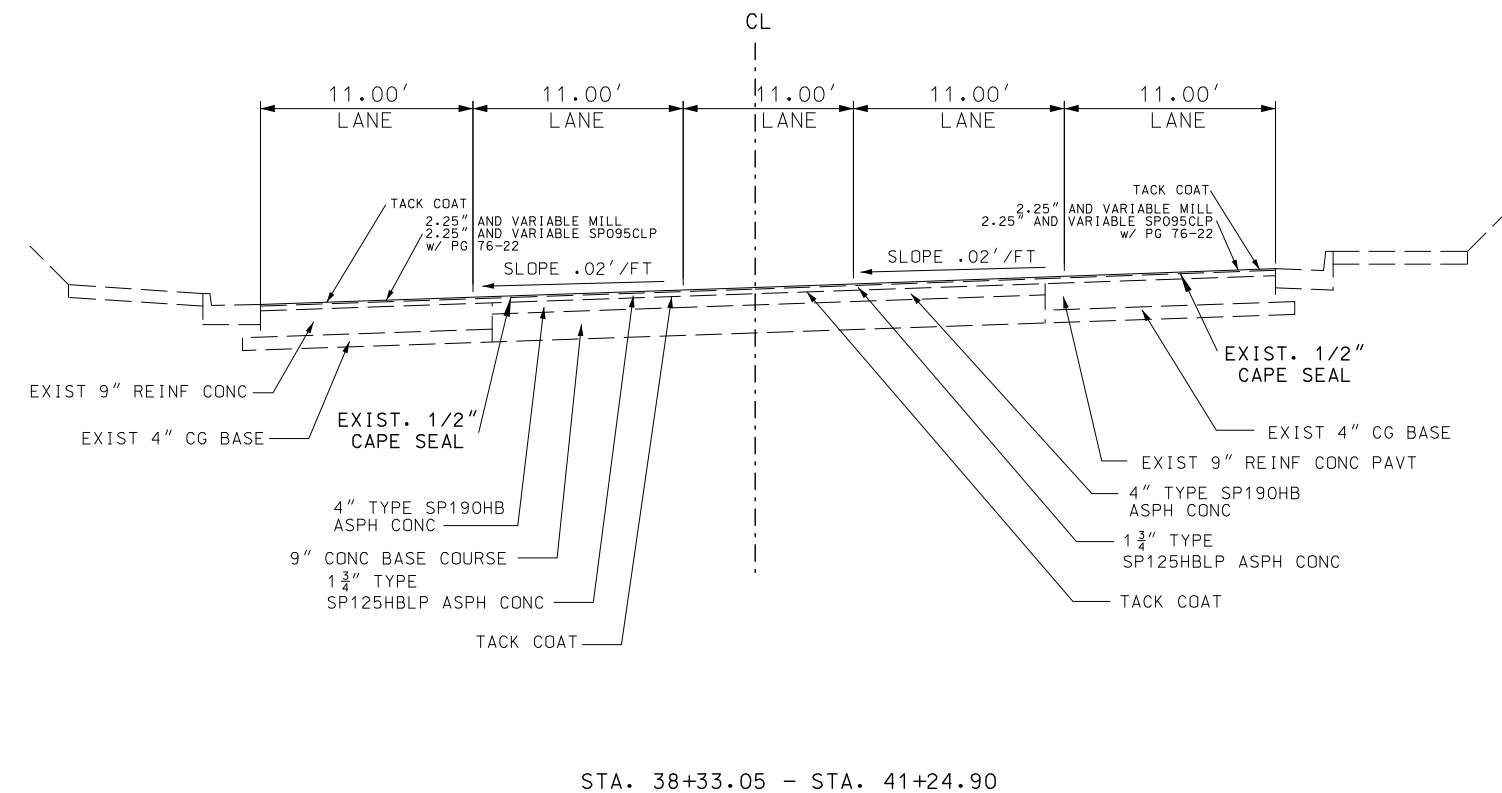
DATE PREPARED	
8/20/2024	
ROUTE	STATE
340	MO
DISTRICT	SHEET NO.
SL	2
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0076	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

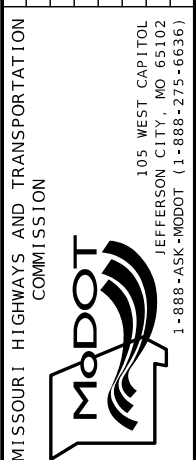
TYPICAL SECTIONS
SHEET 10 OF 14

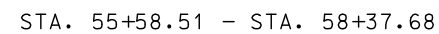
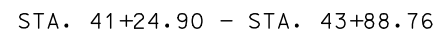


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STATE OF MISSOURI

STUART
ROBINSON McNEIL

NUMBER
PE-2006019687

PROFESSIONAL ENGINEER

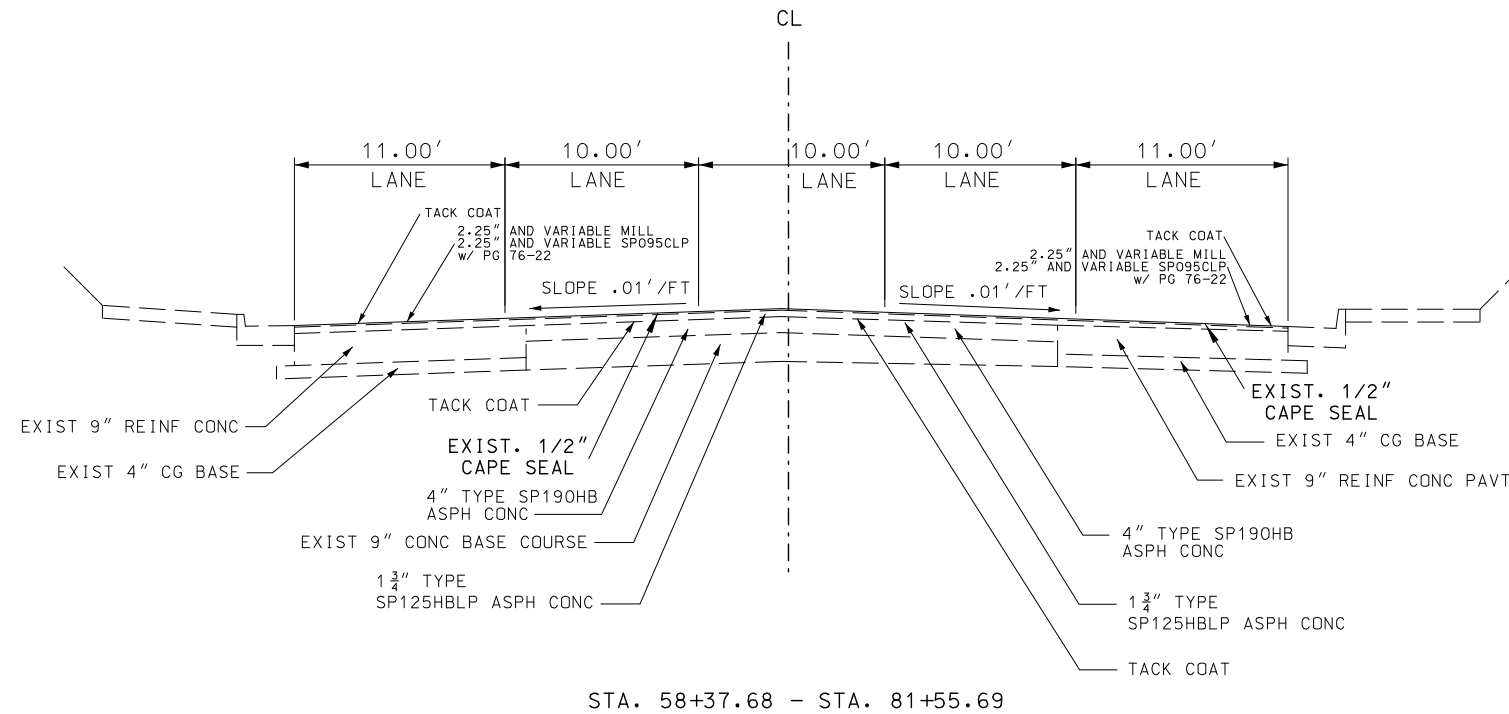
Stuart M. McNeil

08/21/2024 12:18:16 PM
STUART ROBINSON McNEIL - CIVIL

BRIDGE NO.

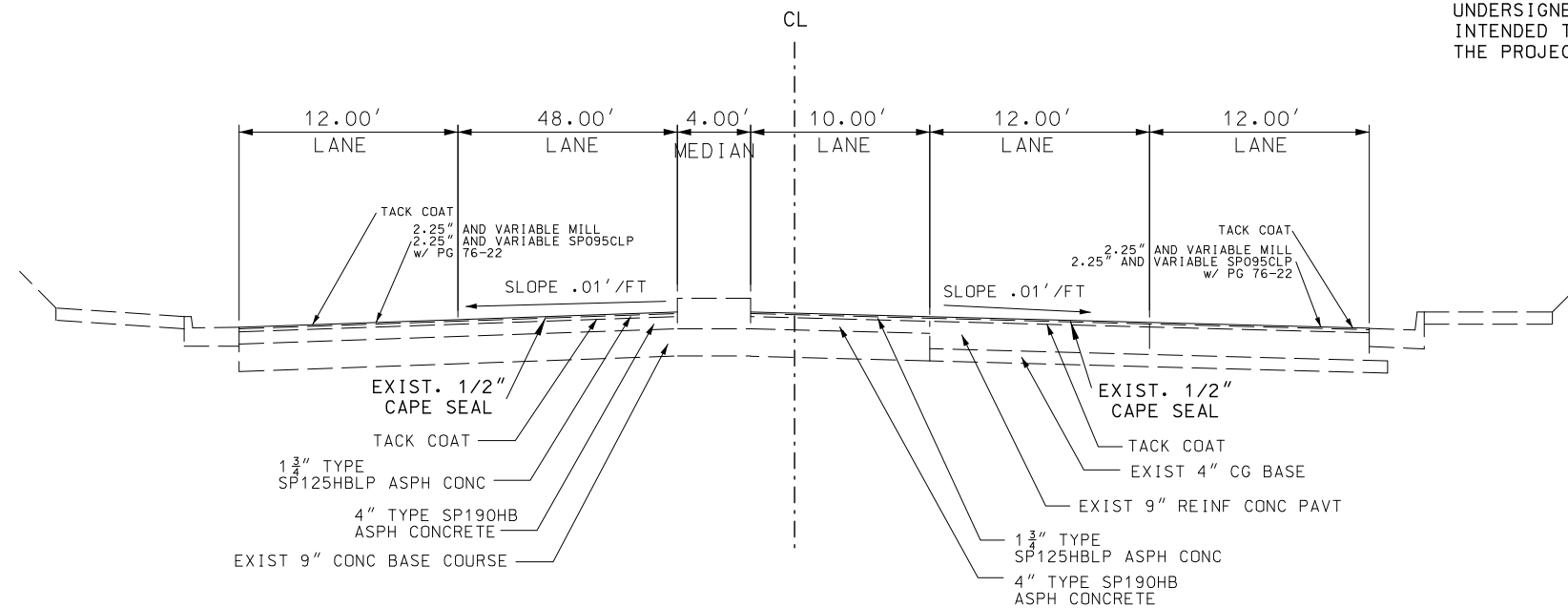
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

TYPICAL SECTIONS
SHEET 12 OF 14



STA. 58+37.68 - STA. 81+55.69

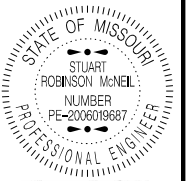
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STA. 81+55.69 - STA. 84+03.02

NOTE:
EXIST. SURVEY LINE NOT
SHOWN ON PLANS

NOT TO SCALE



DATE PREPARED
8/20/2024

ROUTE
340

STATE
MO

DISTRICT
SL

SHEET NO.
2

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

PROJECT NO.

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 SECTIONS
SHEET 13 OF 14

* SEE SUMMARY OF TYPE 5 AGGREGATE BASE FOR PAY TOTALS.
 ** PAID FOR IN 'REMOVALS OF IMPROVEMENTS' PAY ITEM.
 *** AREAS AND LOCATIONS OF PAVEMENT REPAIRS ARE AN APPROXIMATION.
 ****THESE REPAIRS ARE SLIGHTLY BEYOND PROJECT LIMITS OF SHEET 20

<i>Stuart M. McNeil</i> 08/22/2024 3:10:21 PM STUART ROBINSON MCNEIL - CIVIL MO-PE-2006019687					
DATE PREPARED 8/22/2024					
ROUTE 340		STATE MO			
DISTRICT SL		SHEET NO. 3			
COUNTY ST. LOUIS					
JOB NO. JSL0076					
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)			
SUMMARY OF QUANTITIES					

PAVEMENT REPAIRS (2 OF 3)													
PLAN SHEET NO.	LANE #	LOG MILE	RDWY	DIRECTION	WIDTH	LENGTH							
							FULL DEPTH PAVEMENT REPAIR						
							FURNISHING & PLACING CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR S.Y.	SUBGRADE COMPACTION (6 IN DEPTH) S.Y.	TYPE 1 OR 5 AGGREGATE FOR BASE (4 IN THICK) S.Y.	FULL DEPTH PAVEMENT REPAIR SAW CUT L.F.	DOWEL BAR FOR FULL DEPTH PVMT REPAIR EA.	TIE BAR	DESCRIPTION
****	1	3.209	340	WB	8	8	7.1	7.1	7.1	32.0	16.0		
20	1	3.381	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
20	2	3.381	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
18	1	3.915	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
18	2	3.915	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
18	2	3.954	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
16	1	4.518	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
16	2	4.518	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
15	2	4.843	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
15	1	4.843	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
15	2	4.843	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
14	1	4.964	340	WB	12	8	10.7	10.7	10.7	40.0	24.0		
14	1	4.98	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
14	1	5.005	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
14	1	5.022	340	WB	12	10	13.3	13.3	13.3	44.0	24.0		
14	1	5.08	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
14	1	5.1	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
14	2	5.1	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
14	2	5.105	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
14	1	5.122	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
13	1	5.218	340	WB	15	6	10.0	10.0	10.0	42.0	30.0		
13	1	5.254	340	WB	15	6	10.0	10.0	10.0	42.0	30.0		
13	1	5.322	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
13	1	5.332	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
13	1	5.341	340	WB	20	6	13.3	13.3	13.3	52.0	40.0		
13	1	5.369	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
13	1	5.38	340	WB	12	6	8.0	8.0	8.0	36.0	24.0		
7	2	6.737	340	WB	12	8	10.7	10.7	10.7	40.0	24.0		
4	1	7.677	340	WB	15	8	13.3	13.3	13.3	46.0	30.0		
		VAR.	340	VAR.	VAR.	VAR.	167.2	167.2	167.2	727.6	407.2	94.4	20% ADDED FOR ADDITIONAL REPAIRS
SUBTOTAL 2							423.6	423.6	423.6	1821.6	1129.2	94.4	
SUBTOTAL 1							579.8	579.8	579.8	2544.0	1314.0	472.0	
PAY TOTAL							1003.4	1003	*	4366	2443	566	

* SEE SUMMARY OF TYPE 5 AGGREGATE BASE FOR PAY TOTALS.
** PAID FOR IN 'REMOVALS OF IMPROVEMENTS' PAY ITEM.
*** AREAS AND LOCATIONS OF PAVEMENT REPAIRS ARE AN APPROXIMATION.
****THESE REPAIRS ARE SLIGHTLY BEYOND PROJECT LIMITS OF SHEET 20

MGS GUARDRAIL SYSTEM									
PLAN SHEET NO.	STA	STA	RDWY	LOC	MGS GUARDRAIL L.F.	MGS TYPE A CRASHWORTHY END TERMINAL EA.	MGS TYPE A END ANCHOR EA.	CLASS 3 SHAPING SLOPES MODIFIED STA.	MODOT ITS ASSETS RELOCATION (LF)
17	57+32.3	61+00	340	LT	450	1	1	0.8	
TOTALS					450	1	1	0.8	100
PAY TOTALS					450	1	1	1	100

STATE OF MISSOURI

STUART ROBINSON MONEIL

NUMBER

PE-2006019687

PROFESSIONAL ENGINEER

10/09/2024 11:05:29 AM

STUART ROBINSON MONEIL - CIVIL

MO-PE-2006019687

DATE PREPARED

10/9/2024

ROUTE

340

STATE

MO

DISTRICT

SL

SHEET NO.

3

COUNTY

ST. LOUIS

JOB NO.

JSL0076

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)

SUMMARY OF QUANTITIES

Stuart McNeil
10/09/2024 3:47:19 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687
DATE PREPARED
10/9/2024

ROUTE 340	STATE MO
DISTRICT SL	SHEET NO. 3

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

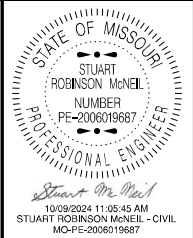
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SUMMARY OF QUANTITIES

* SEE SUMMARY OF TYPE 5 AGGREGATE BASE FOR PAY TOTALS.
** PAID FOR IN 'REMOVALS OF IMPROVEMENTS' PAY ITEM.
*** AREAS AND LOCATIONS OF PAVEMENT REPAIRS ARE AN APPROXIMATION.
**** THESE REPAIRS ARE SLIGHTLY BEYOND PROJECT LIMITS OF SHEET 20



DATE PREPARED	
10/9/2024	
ROUTE	STATE
340	MO
DISTRICT	SHEET NO.
SL	3
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0076	
CONTRACT ID.	
PROJECT NO.	

BRIDGE NO.	
DESCRIPTION	
DATE	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SUMMARY OF QUANTITIES

TEMPORARY EROSION CONTROL									
PLAN SHEET NO.	RDWY	STA	STA	LOC	DEPTH IN.	SILT FENCE	CURB INLET CHECK EA.	SEDIMENT REMOVAL	REMARKS
						L.F.		C.Y.	
5	340	136+02.5	136+53.2	RT		54.0		0.5	
5	340	137+25.11	137+45.4	RT		18.0		0.2	
6	340	144+51.2	145+79.2	RT		127.0		1.3	
6	340	154+14.4	155+00	RT		65.0		0.7	
7	340	159+00	165+32.16	LT		136.0		1.4	
7	340	166+00	168+00	LT		75.0		0.8	
8	340	169+13.46	182+00	LT		125.0		1.3	
9	340	185+00	187+00	LT		60.0		0.6	
9	340	187+44.46	190+00	LT		140.0		1.4	
9	340	190+00	193+44.76	LT		170.0		1.7	
9	340	189+28.01	195+73.52	RT		108.0		1.1	
10	340	199+67.19	200+00	LT		18.0		0.2	
10	340	195+73.52	207+00	RT		36.0		0.4	
14	340	256+00	262+00	LT		11.0		0.1	
15	340	263+24.83	31+89	RT		93.0		0.9	
16	340	43+00	45+00	LT		12.0		0.1	
16	340	35+07.34	46+00	RT		41.0		0.4	
18	340	62+11.51	68+10	LT		572.0		5.7	
19	340	81+88.86	83+82.73	LT		116.0		1.2	
20	340	91+93	102+30	RT		85.0		0.9	
VAR	340	VAR	VAR	VAR			172.0	172.0	ADJACENT TO SIDEWALK REPLACEMENT
SUBTOTALS						2062.0	172.0	192.9	
TOTALS						2062.0	172.0	193.0	

TURF TYPE TALL FESCUE SODDING - 2,300 SY
* LOCATIONS TO BE DETERMINED BY THE ENGINEER

ADDITIONAL MOBILIZATION FOR SEEDING - 2 EA.
* USED FOR SODDING

TRAFFIC SIGNAL MAINTENANCE AND PROGRAMMING - 1 LUMP SUM

SIGNAL CABLE , CONDUIT AND EQUIPMENT														
PLAN SHEET NO.	RDWY	STA	LOC	CABLE		COUNTDOWN PEDESTRIAN SIGNAL HEAD TYPE 1S EA.	AUDIBILE PEDESTRIAN PUSHBUTTON EA.	SIGNAL SIGNS SH-FLAT SHEET S.F.	SIGNAL SIGNS MOUNTING HARDWARE EA.	CLASS 2 SIGNAL PULL BOX TYPE 1 DRAIN EA.	CLASS 2 ITS PULL BOX TYPE 1 DRAIN EA.	CONDUIT SYSTEM ADJUSTMENT OR REPAIR EA.	CONDUIT AND CABLE ADJUSTMENT LF.	REMARKS
				2c#16 CABLE L.F.	5c#16 CABLE L.F.									
9	340	185+76.00	40.36' LT								1			
12	340	229+43.64	51.42' RT							1				
16	340	45+35.13	41.92' RT								1			
20	340	95+18.75	33.48' RT								1			
21	340		RUE DE LA BANQUE			6								
25	340		OLD BALLAS RD	520			2							
27	340		CRAIG RD	180			2							
29	340		OFFICE PKWY N	490	500	2	2	1.8	2					
31	340		MOSLEY RD	140			1							
33	340		SCHULTE RD	690			5	1.8	2					
35	340		GRAESER RD	650			2	5.4	6					
37	340		OLD OLIVE ST RD E	300			2							
39	340		WARSON RD		130	1								
41	340		OLD BONHOMME RD		260	1								
43	340		INDIAN MEADOWS DR	180			2							
45	340		DIELMAN RD	450			3	0.9	1					
VAR	340		VAR									3		
VAR	340		VAR										250	
PAY TOTALS				3600	890	10	21	10	11	1	3	3	250	

SIDEWALK, ADA, TRUNCATED DOMES, CUT THROUGHS (1 OF 2)												
PLAN SHEET NO	RDWY	STA	STA	LOC	PAID AREA S.F.	4 IN. CONCRETE SIDEWALK S.Y.	TYPE 5 AGG. FOR BASE (4 IN. THICK) S.Y.	TYPE 5 AGG. FOR BASE (6 IN. THICK) S.Y.	TRUNCATED DOMES S.F.	ADA CONCRETE CURB RAMP EA.	SIDEWALK HAND-RAILING W/O BALUSTERS L.F.	REMARKS
5	340	135+39.20	135+47.90	LT						1		LRG. RAD. PERP. CURB RAMP
5	340	136+2.5	136+53.2	RT	270.0	30.0	30.0					5' S. W.
5	340	137+25.11	137+45.4	RT	92.0	10.2	10.2					5' S.W.
6	340	141+91.75	141+91.75	LT	31.9	3.5	3.5					6' S.W.
6	340	143+19.82	143+19.82	LT	40.0	4.4	4.4					8' S.W.
6	340	148+09.68	148+09.68	LT	25.0	2.8	2.8					5' S.W.
6	340	148+66.73	148+92.32	LT	129.9	14.4	14.4		30.0			CUT-THROUGH
6	340	149+51.45	149+51.45	LT	24.0	2.7	2.7					6' S.W.
6	340	150+52.40	150+52.40	LT	24.0	2.7	2.7					6' S.W.
6	340	141+65.81	144+00	RT	25.6	2.8	2.8					6 S.W.
6	340	144+51.00	145+82.40	RT	776.0	86.2	86.2					6' S.W.
6	340	147+21.00	147+21.00	RT	25.2	2.8	2.8		14.0			TRUNC. DOMES STA. 152+00
6	340	154+14.40	155+00.00	RT	253.0	28.1	28.1			1		6' S.W., SM. RAD. PERP. CURB RAMP
7	340	157+00.00	157+84.82	LT	78.6	8.7	8.7		15.2	1		6.5' S.W., TYPE 1 PARA. CURB RAMP
7	340	159+40.00	159+40.00	LT	39.1	4.3	4.3					8' S.W.
7	340	162+12.83	163+54.51	LT	452.8	50.3		50.3				VAR. S.W.
7	340	164+27.12	165+07.24	LT	440.7	49.0	49.0					5.5' S.W.
7	340	165+94.77	165+94.77	LT	36.0	4.0		4.0				6' S.W.
7	340	166+72.48	168+00.09	LT	371.0	41.2	41.2					6' S.W.
8	340	169+35.39	169+35.39	LT	27.0	3.0		3.0				6' S.W.
8	340	170+56.48	171+01.48	LT	270.0	30.0	30.0					6' S.W.
8	340	172+90.70	172+90.70	LT	21.0	2.3		2.3				6' S.W.
8	340	173+85.66	173+95.66	LT	60.0	6.7	6.7					6' S.W.
8	340	176+09.04	176+25.92	LT					12.1	1		SM. RAD. PER. CURB RAMP
8	340	177+25.87	177+25.87	LT	30.0	3.3	3.3					6' S.W.
8	340	180+08.40	180+08.40	LT	30.0	3.3	3.3					6' S.W.
8	340	181+18.66	181+98.66	LT	480.0	53.3	53.3					6' S.W.
8	340	171+94.80	172+06.31	RT	81.3	9.0		9.0				6' S.W.
8	340	173+69.41	174+32.64	RT						2		LRG. RAD. PERP. CURB RAMPS
8	340	176+60.80	176+92.95	RT						2		SM. RAD. PER. CURB RAMPS
9	340	185+72.43	185+83.60	LT	58.8	6.5		6.5				5' S.W.
9	340	186+43.73	186+96.49	LT	360.1	40.0	40.0		10.0	1		6' S.W.
9	340	187+53.15	188+63.35	LT	346.0	38.4	38.4			2		6' S.W., LRG. RAD. PERP. CURB RAMPS
9	340	189+18.04	189+54.10	LT	203.0	22.6	22.6					6' S.W.
9	340	190+31.96	191+17.78	LT	276.0	30.7	30.7			1		6' S.W., LRG RAD. CURB RAMP
9	340	191+79.22	192+35.31	LT	264.0	29.3	29.3					6' S.W.
9	340	192+81.81	193+16.31	LT	252.4	28.0	28.0		11.4	1		9' S.W., MOD. TYPE 2 PARA. CURB RAMP
9	340	189+24.68	189+37.83	RT	60.0	6.7	6.7					6' S.W.
9	340	191+09.41	191+48.55	RT	90.0	10.0	10.0			1		6' S.W., LRG. RAD. PERP. CURB RAMP
9	340	191+92.11	192+41.26	RT	287.5	31.9	31.9					6' S.W.
9	340	194+20.85	194+34.31	RT	77.3	8.6		8.6				6' S.W.
9-10	340	195+65.36	195+92.92	RT	30.0	3.3	3.3			1		6' S.W.
10	340	199+74.59	199+93.23	LT	107.2	11.9	11.9					6' S.W.
10	340	201+25.32	202+40.89	LT					42.5			TRUNC. DOMES
10	340	208+15.32	208+25.32	LT	60.0	6.7	6.7					6' S.W.
10	340	198+82.33	199+05.15	RT	143.2	15.9	15.9					6' S.W.
10	340	199+86.15	199+97.66	RT	72.0	8.0	8.0					6' S.W.
10	340	201+91.20	202+11.80	RT					18.2	1		LRG. RAD. PERP. CURB RAMP
10	340	204+42.48	204+48.48	RT	36.0	4.0	4.0					6' S.W.
10	340	206+70.22	206+85.69	RT	90.0	10.0		10.0				6' S.W.
10	340	208+15.32	208+25.32	LT	60.0	6.7		6.7				6' S.W.
11	340	211+00	211+26.47	LT	108.0	12.0	12.0					6' S.W.
11	340	212+09.91	212+17.87	LT	47.8	5.3	5.3			1		6' S.W.
11	340	217+52.3	218+00	RT	47.3	5.3	5.3		26.3	1		6' S.W., MOD. TYPE 1 PARA. BLENDEN TRANS. CURB RAMP
12	340	229+33	229+48.33	RT					16.1	1		LRG. RAD. PERP. CURB RAMP
SUB TOTALS						800.8	700.4	100.4	195.8	19.0	0.0	
SUB TOTALS 1						791	*	*	196	19	0	

* SEE SUMMARY OF TYPE 5 AGGREGATE BASE FOR PAY TOTALS.

STATE OF MISSOURI

STUART ROBINSON MCNEIL

NUMBER

PE-2006019687

PROFESSIONAL ENGINEER

Stuart Robinson McNeil

08/22/2024 3:11:06 PM

STUART ROBINSON MCNEIL - CIVIL

MO-PE-2006019687

DATE PREPARED
8/22/2024

ROUTE

340

DISTRICT

SL

STATE

MO

SHEET NO.

3

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

MODOT

SUMMARY OF QUANTITIES

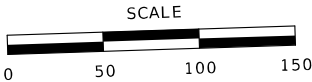
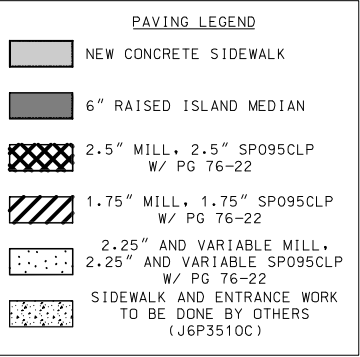
SIDEWALK, ADA, TRUNCATED DOMES, CUT THROUGHS (2 OF 2)												
PLAN SHEET NO	RDWY	STA	STA	LOC	PAID AREA S.F.							REMARKS
						4 IN. CONCRETE SIDEWALK S.Y.	TYPE 5 AGG. FOR BASE (4 IN. THICK) S.Y.	TYPE 5 AGG. FOR BASE (6 IN. THICK) S.Y.	TRUNCATED DOMES S.F.	ADA CONCRETE CURB RAMP EA.	SIDEWALK HAND-RAILING W/O BALUSTERS L.F.	
14	340	256+46.00	256+63.45	LT	46.3	5.1	5.1		20.1	1		5' S.W., LRG. RAD. PERP. CURB RAMP
14	340	261+39.35	261+50.31	LT	51.0	5.7	5.7					5' S.W.
14	340	251+00	263+00	RT	56.0	6.2	6.2					8' S.W.
14	340	262+69.51	262+79.32	RT	62.7	7.0	7.0		28.2			CUT-THROUGH
15	340	269+00	270+00	LT	108.0	12.0	12.0					6' S.W.
15	340	263+31.13	263+39.86	RT					13.7	1		PARTIAL DUAL PERP. CURB RAMP
15	340	264+02.94	265+10.01	RT	56.0	6.2	6.2					8' S.W.
15	340	28+99.80	29+33.39	RT					10.1	1		COMPOUND PERP. CURB RAMP
15	340	30+33.26	30+73.00	RT	33.0	3.7	3.7		11.0	1		6' S.W., MOD. TYPE 3 PARA. CURB RAMP
15	340	31+02.03	31+09.03	RT	56.0	6.2	6.2					8' S.W.
15	340	31+56.44	31+87.54	RT	186.6	20.7	20.7					6' S.W.
15	340	33+28.28	33+34.90	RT	36.0	4.0	4.0					6' S.W.
16	340	43+71.93	43+84.03	LT	110.0	12.2	12.2					VAR. S.W.
16	340	44+56.54	44+73.18	LT	129.5	14.4	14.4		31.2			CUT-THROUGH
16	340	35+47.23	35.65.23	RT	99.0	11.0	11.0					5.5' S.W.
16	340	36+66.45	36+78.45	RT	66.0	7.3	7.3					5.5' S.W.
16	340	43+71.55	43+88.75	RT	85.7	9.5	9.5		27.3			CUT-THROUGH
16	340	45+29.14	45+39.14	RT	50.0	5.6		5.6				5' S.W.
17	340	50+35.39	50+61.52	LT						1		LRG. RAD. PERP. CURB RAMP
17	340	51+26.85	51+37.25	LT					21.0			TRUNCATED DOMES
17	340	55+98.37	56+45.88	LT					27.6			TRUNCATED DOMES
17-18	340	56+86.11	62+55.83	LT	3163.3	351.5	351.5			2		6' S.W., LRG. RAD. CURB RAMP, MOD. BLEND. TRANS. CURB RAMP
17	340	57+17.74	57+24.97	RT	56.0	6.2	6.2					8' S.W.
18	340	68+04.83	68+10	LT	44.6	5.0	5.0		27.0			7.5' S.W.
18	340	62+47.42	62+55.37	RT					18.2			TRUNCATED DOMES
18	340	64+60.90	64+70.90	RT	60.0	6.7	6.7					6' S.W.
18	340	69+24.99	69+43.00	RT						1	12	
18	340	70+44.85	70+49.85	RT	30.0	3.3	3.3					6' S.W.
18	340	73+40.92	73+50.92	RT	60.0	6.7	6.7					6' S.W.
18	340	74+64.68	74+71.68	RT	56.0	6.2	6.2					8' S.W.
19	340	77+00	86+8.8	LT	72.0	8.0	8.0					6' S.W.
19	340	77+20.17	77+32.17	LT	56.0	6.2	6.2					8' S.W.
19	340	81+88.58	82+21.03	LT	50.0	5.6	5.6			1		6' S.W., SM. RAD. PERP. CURB RAMP
19	340	82+87.64	83+06.32	LT						1		LRG. RAD. PERP. CURB RAMP
19	340	83+34.32	83+82.92	LT					20.4	3	30	MOD. BLEND. TRANS. CURB RAMP, SM. RAD. PERP. CURB RAMP
19	340	86+43.42	86+50.43	LT	38.6	4.3	4.3					5.5'

SUMMARY OF QUANTITIES
SHEET 9 OF 11

 STUART ROBINSON MCNEIL NUMBER PE-2006019687 PROFESSIONAL ENGINEER Stuart M. McNeil 08/22/2024 3:11:17 PM STUART ROBINSON MCNEIL - CIVIL MO-PE-2006019687					
DATE PREPARED 8/22/2024					
ROUTE 340		STATE MO			
DISTRICT SL		SHEET NO. 3			
COUNTY ST. LOUIS					
JOB NO. JSL0076					
CONTRACT ID.					
PROJECT NO.					
BRIDGE NO.					
DESCRIPTION					
DATE					
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION		105 WEST CAPITAL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)			
SUMMARY OF QUANTITIES					

EFFECTIVE: 07-01-2024									
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN		
IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.	NUM.			
WARNING SIGNS							DESCRIPTION		
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	1	16			YIELD AHEAD (SYMBOL)		
WO3-3	48X48	16.00					SIGNAL AHEAD (SYMBOL)		
WO3-4	48X48	16.00					BE PREPARED TO STOP		
WO3-5	48X48	16.00					SPEED LIMIT AHEAD		
WO4-1L	48X48	16.00					MERGE (SYMBOL FROM LEFT)		
WO4-1R	48X48	16.00	1	16			MERGE (SYMBOL FROM RIGHT)		
WO4-1aL	48X48	16.00	2	32			MERGE (LEFT)		
WO4-1aR	48X48	16.00	2	32			MERGE (RIGHT)		
WO5-1	48X48	16.00	1	16			ROAD/BRIDGE/RAMP NARROWS		
WO5-3	48X48	16.00					ONE LANE BRIDGE		
WO5-5	48X48	16.00					NARROW LANES		
WO6-1	48X48	16.00					DIVIDED HIGHWAY (SYMBOL)		
WO6-2	48X48	16.00					DIVIDED HIGHWAY END (SYMBOL)		
WO6-3	48X48	16.00					TWO WAY TRAFFIC (SYMBOL)		
WO7-3a	30X24	5.00					NEXT XX MILES (PLAQUE)		
WO8-1	48X48	16.00					BUMP		
WO8-2	48X48	16.00					DIP		
WO8-3	48X48	16.00					PAVEMENT ENDS		
WO8-4	48X48	16.00					SOFT SHOULDER		
WO8-5	48X48	16.00					SLIPPERY WHEN WET (SYMBOL)		
WO8-6	48X48	16.00					TRUCK CROSSING		
WO8-6c	48X48	16.00					TRUCK ENTRANCE		
WO8-7	36X36	9.00					LOOSE GRAVEL		
WO8-7a	36X36	9.00					FRESH OIL / LOOSE GRAVEL		
WO8-9	48X48	16.00					LOW SHOULDER		
WO8-11	48X48	16.00					UNEVEN LANES		
WO8-12	48X48	16.00					NO CENTER LINE		
WO8-15	48X48	16.00					GROOVED PAVEMENT		
WO8-15P	30X24	5.00					MOTORCYCLE (PLAQUE)		
WO8-17L	48X48	16.00					SHOULDER DROP-OFF (SYMBOL LEFT)		
WO8-17R	48X48	16.00					SHOULDER DROP-OFF (SYMBOL RIGHT)		
WO8-17P	30X24	5.00					SHOULDER DROP-OFF (PLAQUE)		
W10-1	42RND.	9.62					RAILROAD CROSSING		
WO12-1	24X24	4.00					DOUBLE DOWN ARROW (SYMBOL)		
WO12-2	48X48	16.00					LOW CLEARANCE (SYMBOL)		
WO12-2x	24X18	3.00					LOW CLEARANCE (PLAQUE)		
WO12-2a	84X24	14.00					OVERHEAD LOW CLEARANCE (FEET AND INCHES)		
WO12-4	120X60	50.00					LOW CLEARANCE XX FT XX IN XX MILES AHEAD		
WO12-5	120X60	50.00					WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD		
WO13-1	30X30	6.25					ADVISORY SPEED (PLAQUE)		
WO16-2	30X24	5.00					XXX FEET (PLAQUE)		
WO16-3	30X24	5.00					X MILE (PLAQUE)		
WO20-1	48X48	16.00	4	64			ROAD/BRIDGE/RAMP WORK AHEAD		
WO20-2	48X48	16.00					DETOUR AHEAD		
WO20-3	48X48	16.00					ROAD CLOSED AHEAD		
WO20-4	48X48	16.00					ONE LANE ROAD AHEAD		
WO20-5	48X48	16.00	4	64			RIGHT/CENTER/LEFT LANE CLOSED AHEAD		
WO20-5a	48X48	16.00					2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD		
WO20-6a	48X48	16.00	2	32			RIGHT/CENTER/LEFT LANE CLOSED		
WO20-7a	48X48	16.00					FLAGGER (SYMBOL)		
WO21-2	36X36	9.00					FRESH OIL		
WO21-5	48X48	16.00					SHOULDER WORK / SHOULDER WORK AHEAD		
WO22-1	48X48	16.00					BLASTING ZONE AHEAD		
WO22-2	42X36	10.50					TURN OFF 2-WAY RADIO AND PHONE		
WO22-3	42X36	10.50					END BLASTING ZONE		
GO22-1	21X15	2.19					WET PAINT (ARROW PIVOTS)		

SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN		
IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.	NUM.			
GUIDE SIGNS								DESCRIPTION	
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	4	40			ROAD WORK NEXT XX MILES		
GO20-2	48X24	8.00	4	32			END ROAD WORK		
GO20-4	36X18	4.50					PILOT CAR FOLLOW ME		
GO20-4a	42X30	8.75					PILOT CAR IN USE WAIT & FOLLOW		
GO20-4a	18X12	1.50					PILOT CAR IN USE WAIT & FOLLOW		
GO20-5aP	36X24	6.00	2	12			WORK ZONE (PLAQUE)		
MO4-8a	24X18	3.00					END DETOUR		
MO4-9L	48X36	12.00					DETOUR (LEFT)		
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	1	6.93			YIELD		
R1-2a	36X36	9.00					TO ONCOMING TRAFFIC (PLAQUE)		
R1-3P	30X12	2.50					ALL WAY (PLAQUE)		
R2-1	36X48	12.00	4	48			SPEED LIMIT XX		
R3-1	48X48	16.00					NO RIGHT TURN (SYMBOL)		
R3-2	48X48	16.00					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	2	12.5			LEFT LANE MUST TURN LEFT		
R3-7R	30X30	6.25	2	12.5			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	6	12			SIDEWALK CLOSED		
R9-11L	24X18	3.00	6	12			SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE		
			4				SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE		
R9-11R	24X18	3.00	4	12			STOP HERE ON RED (45° ARROW)		
R10-6	24X36	6.00					ROAD CLOSED		
R11-2	48X30	10.00					ROAD CLOSED XX MILES AHEAD		
R11-3a	60X30	12.50					LOCAL TRAFFIC ONLY		
R11-4	60X30	12.50					ROAD CLOSED TO THRU TRAFFIC		
CONST-3A	60X48	20.00					FINE SIGN		



08/21/2024 12:24:17 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/20/2024

07/20/2024	
ROUTE	STATE

340	MO
DISTRICT	SHEET NO.

DISTRICT	SHEET NO.
SL	5

COUNTY
ST. LOUIS

ST. LOUIS
JOB NO.

JSL0076

CONTRACT ID.

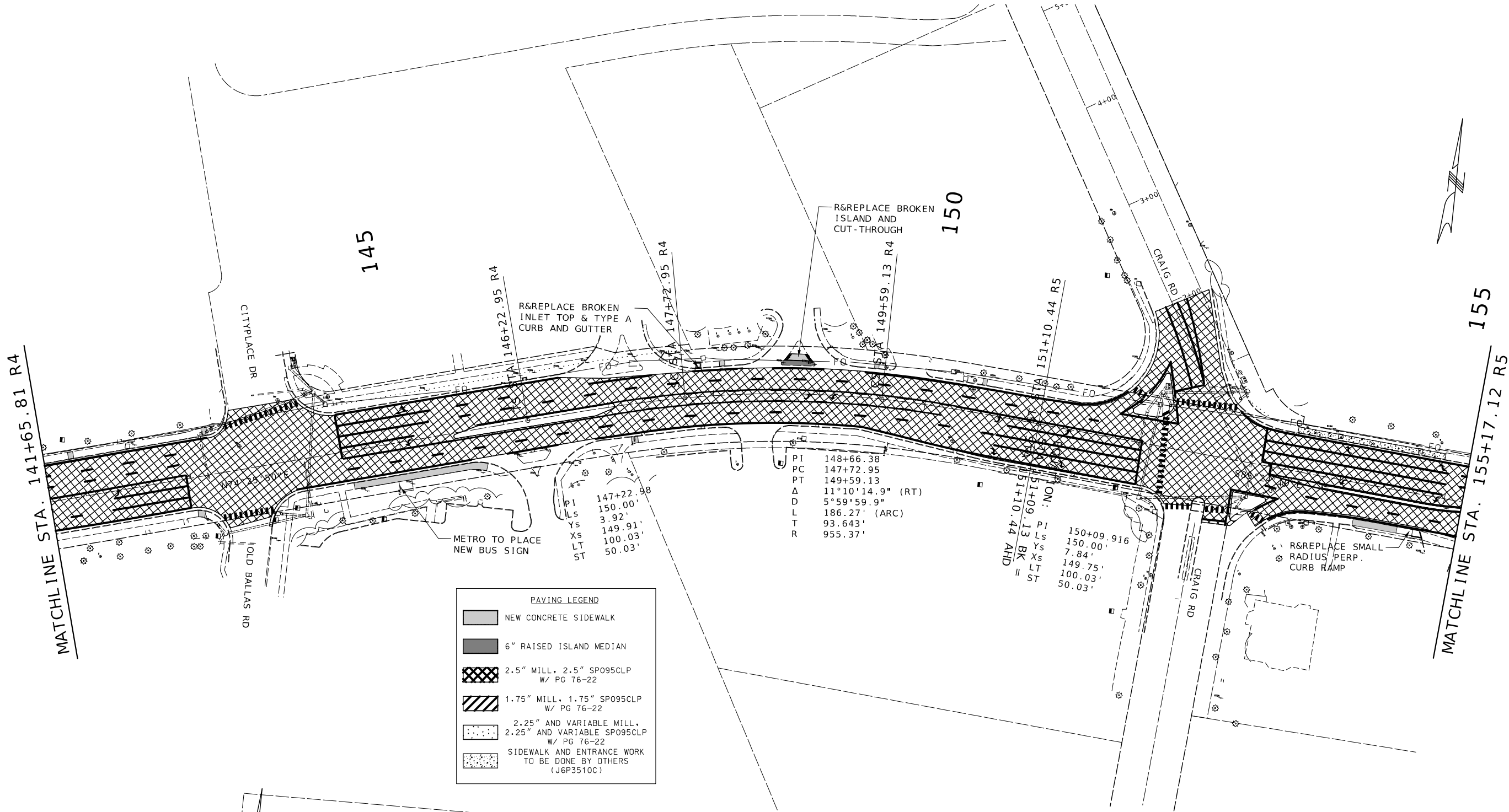
PROJECT NO.

BRIDGE NO.

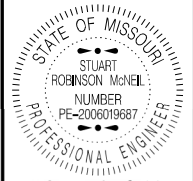
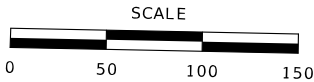
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
988-ASAK-MADOT / 1-888-275-6636

PLAN SHEET
RTE 340
SHEET 2 OF 17



PAVING LEGEND	
	NEW CONCRETE SIDEWALK
	6" RAISED ISLAND MEDIAN
	2.5" MILL, 2.5" SP095CLP W/ PG 76-22
	1.75" MILL, 1.75" SP095CLP W/ PG 76-22
	2.25" AND VARIABLE MILL, 2.25" AND VARIABLE SP095CLP W/ PG 76-22
	SIDEWALK AND ENTRANCE WORK TO BE DONE BY OTHERS (J6P3510C)



STUART ROBINSON MOEL
NUMBER
PE-2006019687
DATE PREPARED
8/20/2024

ROUTE 340
DISTRICT SL
STATE MO
SHEET NO. 6

COUNTY
ST. LOUIS
JOB NO.
JSL0076
CONTRACT ID.

PROJECT NO.

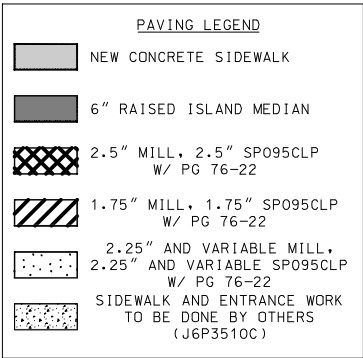
BRIDGE NO.

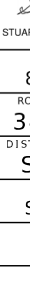
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

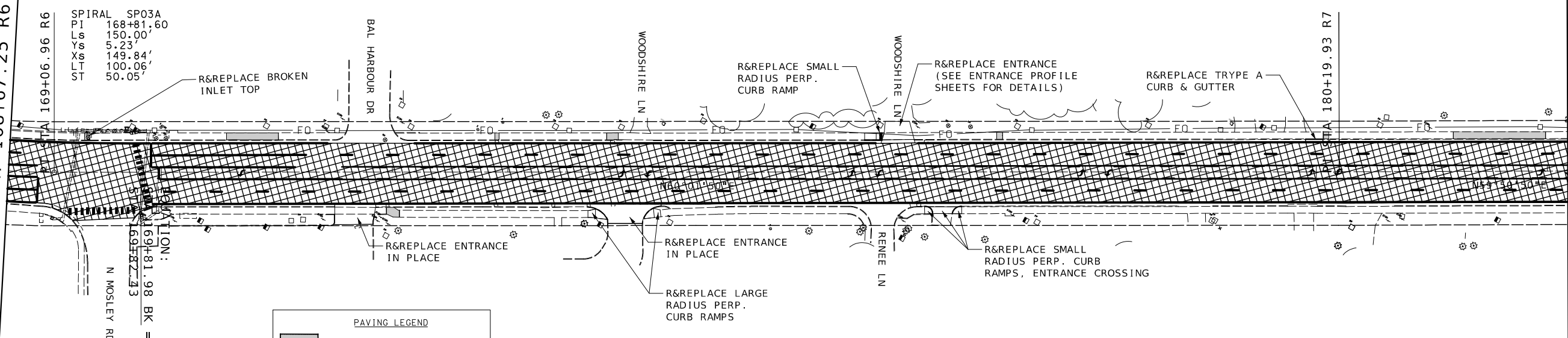
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
RTE 340
SHEET 3 OF 17



		STATE OF MISSOURI STUART ROBINSON McNEIL NUMBER PE-2006019687 PROFESSIONAL ENGINEER	
8/20/2024 12:24:43 PM STUART ROBINSON McNEIL - CIVIL MO-PE-2006019687			
DATE PREPARED			
8/20/2024			
ROUTE	STATE		
340	MO		
DISTRICT	SHEET NO.		
SL	7		
COUNTY			
ST. LOUIS			
JOB NO.			
JSL0076			
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			
DATE		DESCRIPTION	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		105 WEST CAPITAL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
PLAN SHEET RTE 340 SHEET 4 OF 17			

MATCHLINE STA. 168+67.25 R6



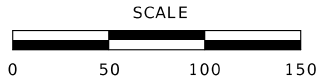
SPIRAL SP03A
PI 168+81.60
LS 150.00'
YS 5.23'
XS 149.84'
LT 100.06'
ST 50.05'

N MOSLEY RD

STATION:
168+81.98 BK =
169+82.73

PAVING LEGEND

- NEW CONCRETE SIDEWALK
- 6" RAISED ISLAND MEDIAN
- 2.5" MILL, 2.5" SP095CLP
W/ PG 76-22
- 1.75" MILL, 1.75" SP095CLP
W/ PG 76-22
- 2.25" AND VARIABLE MILL,
2.25" AND VARIABLE SP095CLP
W/ PG 76-22
- SIDEWALK AND ENTRANCE WORK
TO BE DONE BY OTHERS
(J6P3510C)

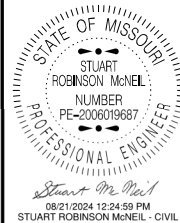


180

175

170

MATCHLINE STA. 182+17.70 R7



DATE PREPARED
8/20/2024

ROUTE	STATE
340	MO
DISTRICT	SHEET NO.
SL	8

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

PROJECT NO.

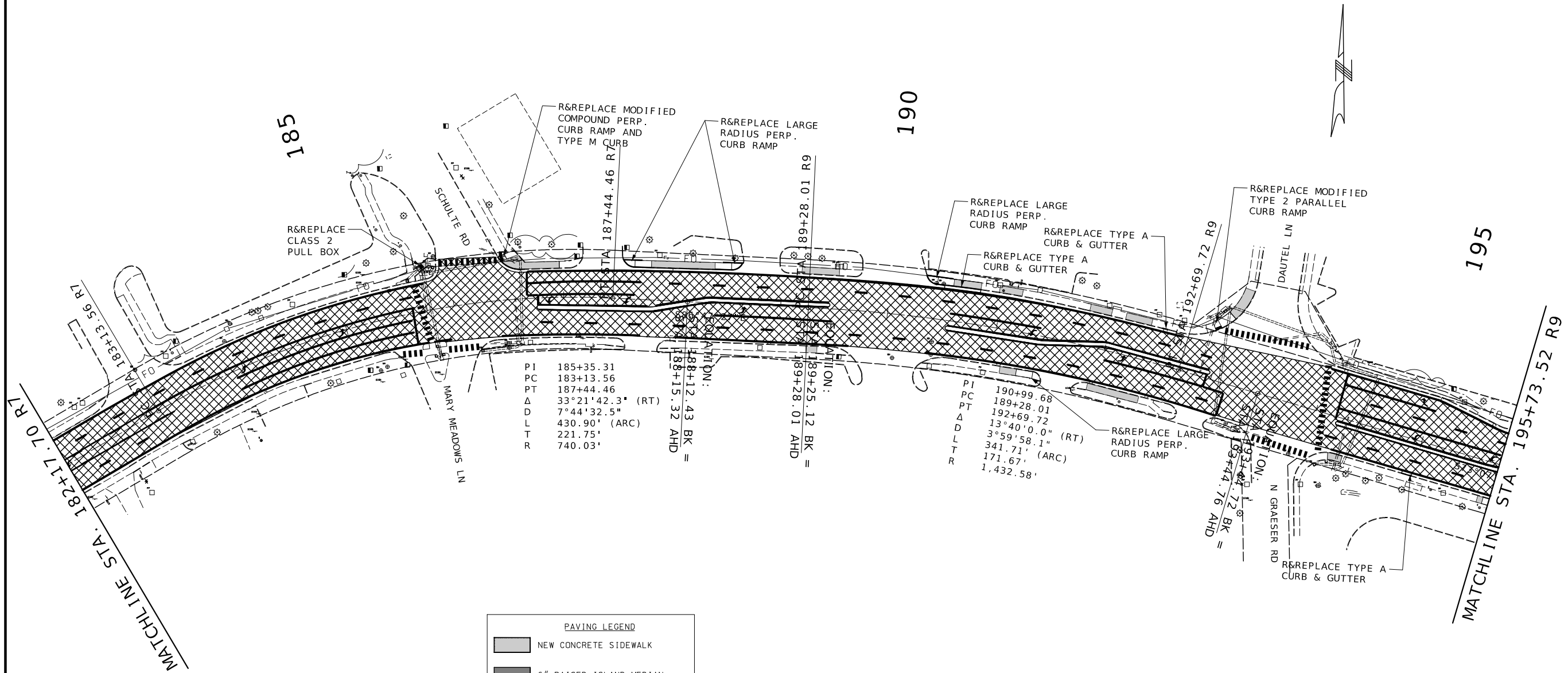
BRIDGE NO.

DATE	DESCRIPTION

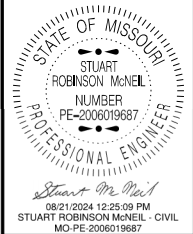
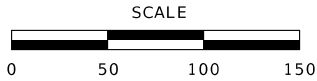
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
RTE 340
SHEET 5 OF 17



PAVING LEGEND	
	NEW CONCRETE SIDEWALK
	6" RAISED ISLAND MEDIAN
	2.5" MILL, 2.5" SP095CLP W/ PG 76-22
	1.75" MILL, 1.75" SP095CLP W/ PG 76-22
	2.25" AND VARIABLE MILL, 2.25" AND VARIABLE SP095CLP W/ PG 76-22
	SIDEWALK AND ENTRANCE WORK TO BE DONE BY OTHERS (J6P3510C)

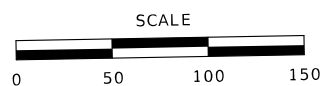


DATE PREPARED 8/20/2024	
ROUTE 340	STATE MO
DISTRICT SL	SHEET NO. 9
COUNTY ST. LOUIS	
JOB NO. JSL0076	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

[illegible]

MATCHLINE STA. 209+21.83 R11

210

LARKIN AVE

R&REPLACE CRACKED
ENTRANCE IN PLACE

R&REPLACE SMALL
RADIUS PERP.
CURB RAMP

N SPOEDE RD

N SPOEDE RD

215

PI 217+58.21
PC 214+66.45
PT 220+49.85
 Δ 2°55'23" R12
D 0°30'0.2"
L 583.39' (ARC)
T 291.76'
R 11,458.05'

R&REPLACE MODIFIED
TYPE 1 PARALLEL BLENDED
TRANSITION CURB RAMP

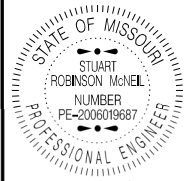
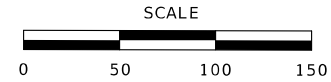
220

N SPOEDE RD

MATCHLINE STA. 222+71.83 R12

PAVING LEGEND

- NEW CONCRETE SIDEWALK
- 6" RAISED ISLAND MEDIAN
- 2.5" MILL, 2.5" SP095CLP
W/ PG 76-22
- 1.75" MILL, 1.75" SP095CLP
W/ PG 76-22
- 2.25" AND VARIABLE MILL,
2.25" AND VARIABLE SP095CLP
W/ PG 76-22
- SIDEWALK AND ENTRANCE WORK
TO BE DONE BY OTHERS
(J6P3510C)



DATE PREPARED
8/20/2024

ROUTE 340 STATE MO
DISTRICT SL SHEET NO. 11
COUNTY ST. LOUIS

JOB NO. JSL0076
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

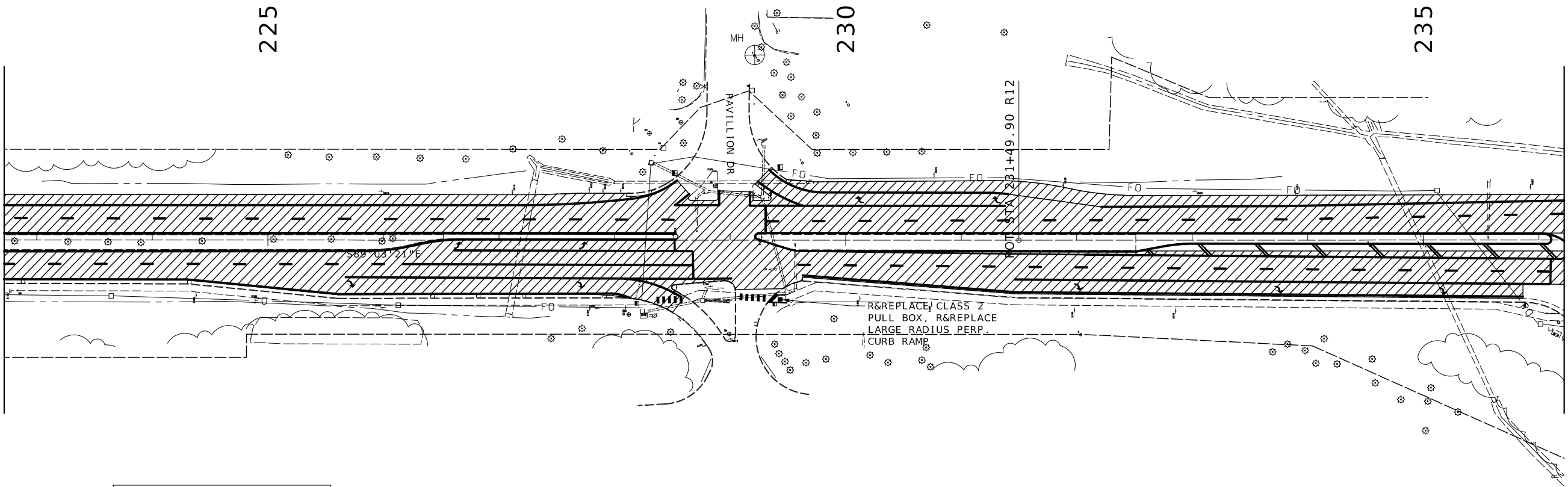
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

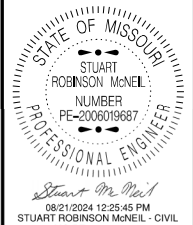
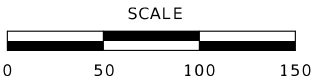
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

PLAN SHEET
RTE 340
SHEET 8 OF 17

MATCHLINE STA. 222+71.83 R12



PAVING LEGEND	
	NEW CONCRETE SIDEWALK
	6" RAISED ISLAND MEDIAN
	2.5" MILL, 2.5" SP095CLP W/ PG 76-22
	1.75" MILL, 1.75" SP095CLP W/ PG 76-22
	2.25" AND VARIABLE MILL, 2.25" AND VARIABLE SP095CLP W/ PG 76-22
	SIDEWALK AND ENTRANCE WORK TO BE DONE BY OTHERS (J6P3510C)



DATE PREPARED	
8/20/2024	
ROUTE	STATE
340	MO
DISTRICT	SHEET NO.
SL	12
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0076	
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
RTE 340
SHEET 9 OF 17

MATCHLINE STA. 236+21.83 R12

MATCHLINE STA. 249+74.83 R13

PAVING LEGEND

NEW CONCRETE SIDEWALK

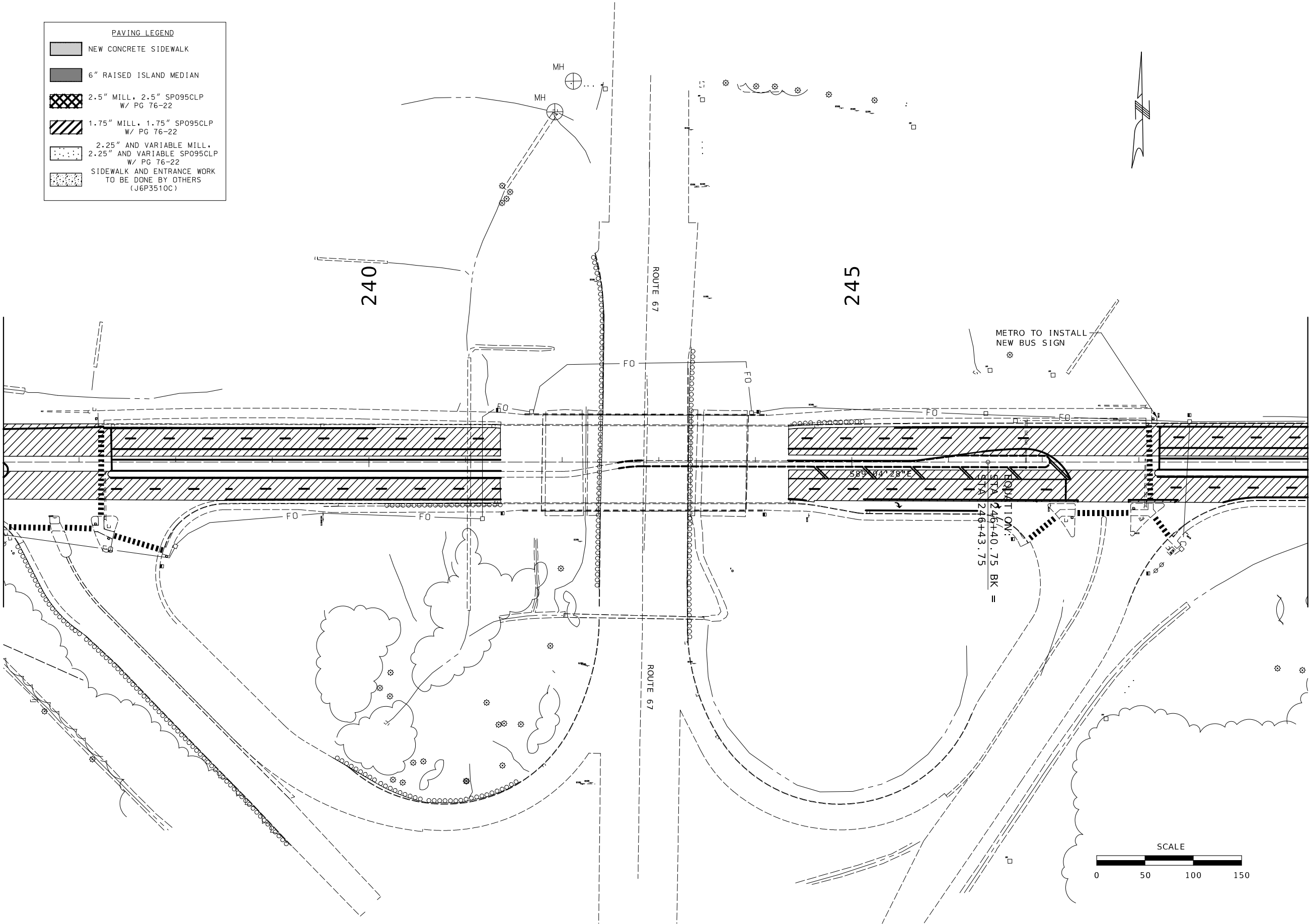
6" RAISED ISLAND MEDIAN

2.5" MILL, 2.5" SP095CLP
W/ PG 76-22

1.75" MILL, 1.75" SP095CLP
W/ PG 76-22

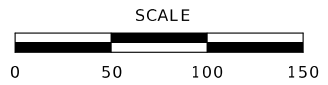
2.25" AND VARIABLE MILL,
2.25" AND VARIABLE SP095CLP
W/ PG 76-22

SIDEWALK AND ENTRANCE WORK
TO BE DONE BY OTHERS
(J6P3510C)



METRO TO INSTALL
NEW BUS SIGN

NOTATION:
STA 246+40.75 BK =
STA 246+43.75



DATE PREPARED
8/20/2024

ROUTE	STATE
340	MO
DISTRICT	SHEET NO.
SL	13

COUNTY
ST. LOUIS

JOB NO.
JSL0076

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
RTE 340
SHEET 10 OF 17

PAVING LEGEND	
	NEW CONCRETE SIDEWALK
	6" RAISED ISLAND MEDIAN
	2.5" MILL, 2.5" SP095CLP W/ PG 76-22
	1.75" MILL, 1.75" SP095CLP W/ PG 76-22
	2.25" AND VARIABLE MILL, 2.25" AND VARIABLE SP095CLP W/ PG 76-22
	SIDEWALK AND ENTRANCE WORK TO BE DONE BY OTHERS (J6P3510C)

MATCHLINE STA. 263+24.83 R13

265

CURVE C3
PT 263+39.12
PC 259+11.66
PT 267+66.58
8°32'00.0" (RT)
1°00'00.0"
853.34'
427.46'
5,729.65'

PJ 263+39.91
PC 259+11.66
PT 267+66.58
8°32'00.0" (RT)
0°59'53.3"
854.92' (ARC)
428.25'
5,740.23'

R&REPLACE PARTIAL
DUAL PERP.
CURB RAMP

INSTALL NEW
BUS PAD, METRO
TO INSTALL
NEW BUS SIGN

STA 267+66.58 R13

R&REPLACE TYPE B
CURB & GUTTER

270

STA 28+68.00 R14

R&REPLACE
COMPOUND PERP.
CURB RAMP

STATION:
STA 270+35.48 BK =

N WARSON RD

N WARSON RD

30

INSTALL NEW
BUS PAD, METRO
TO INSTALL
NEW BUS SIGN

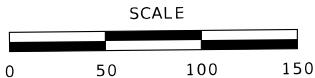
R&REPLACE
MODIFIED TYPE
3 PARA.
CURB RAMP

PI 33+78.83
PC 32+54.47
PT 35+01.84
14°6'00.0" (LT)
5°42'00.0"
247.47' (ARC) 247.37 (CHORD)
124.36'
1,005.60'

R&REPLACE BROKEN
INLET TOP

STA 35+01.84 R15

MATCHLINE STA. 35+07.34 R14



DATE PREPARED
8/20/2024

ROUTE 340 STATE MO

DISTRICT SL SHEET NO. 15

COUNTY ST. LOUIS

JOB NO. JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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DESCRIPTION

MATCHLINE STA. 35+07.34 R14

PC STA 38+33.05 R14

PI 39+79.65
PC 328+33.05
PT 41+26.806
 Δ 13°8'0.0" (LT)
D 4°30'0.0"
L 291.93' (ARC) 291.85' (CHORD)
T 146.61'
R 1,273.57'

40

R&REPLACE TYPE A CURB & GUTTER

PT STA 41+26.06 R15

PT STA 41+24.90 BK =
AHD 90°22'11" VLS

N71°55'54"E

PT STA 44+51.07 R15

45

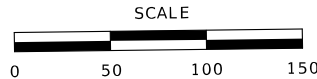
R&REPLACE ISLAND AND CUT-THROUGHS
R&REPLACE TYPE M CURB

R&REPLACE ISLAND CUT-THROUGHS

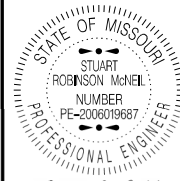
R&REPLACE CLASS 2 ITS PULL BOX, R&REPLACE S.W.

MATCHLINE STA. 48+58.51 R15

NEWCASTLE DR



PAVING LEGEND	
	NEW CONCRETE SIDEWALK
	6" RAISED ISLAND MEDIAN
	2.5" MILL, 2.5" SP095CLP W/ PG 76-22
	1.75" MILL, 1.75" SP095CLP W/ PG 76-22
	2.25" AND VARIABLE MILL, 2.25" AND VARIABLE SP095CLP W/ PG 76-22
	SIDEWALK AND ENTRANCE WORK TO BE DONE BY OTHERS (J6P3510C)



DATE PREPARED
8/20/2024

ROUTE 340 STATE MO

DISTRICT SL SHEET NO. 16

COUNTY ST. LOUIS

JOB NO. JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

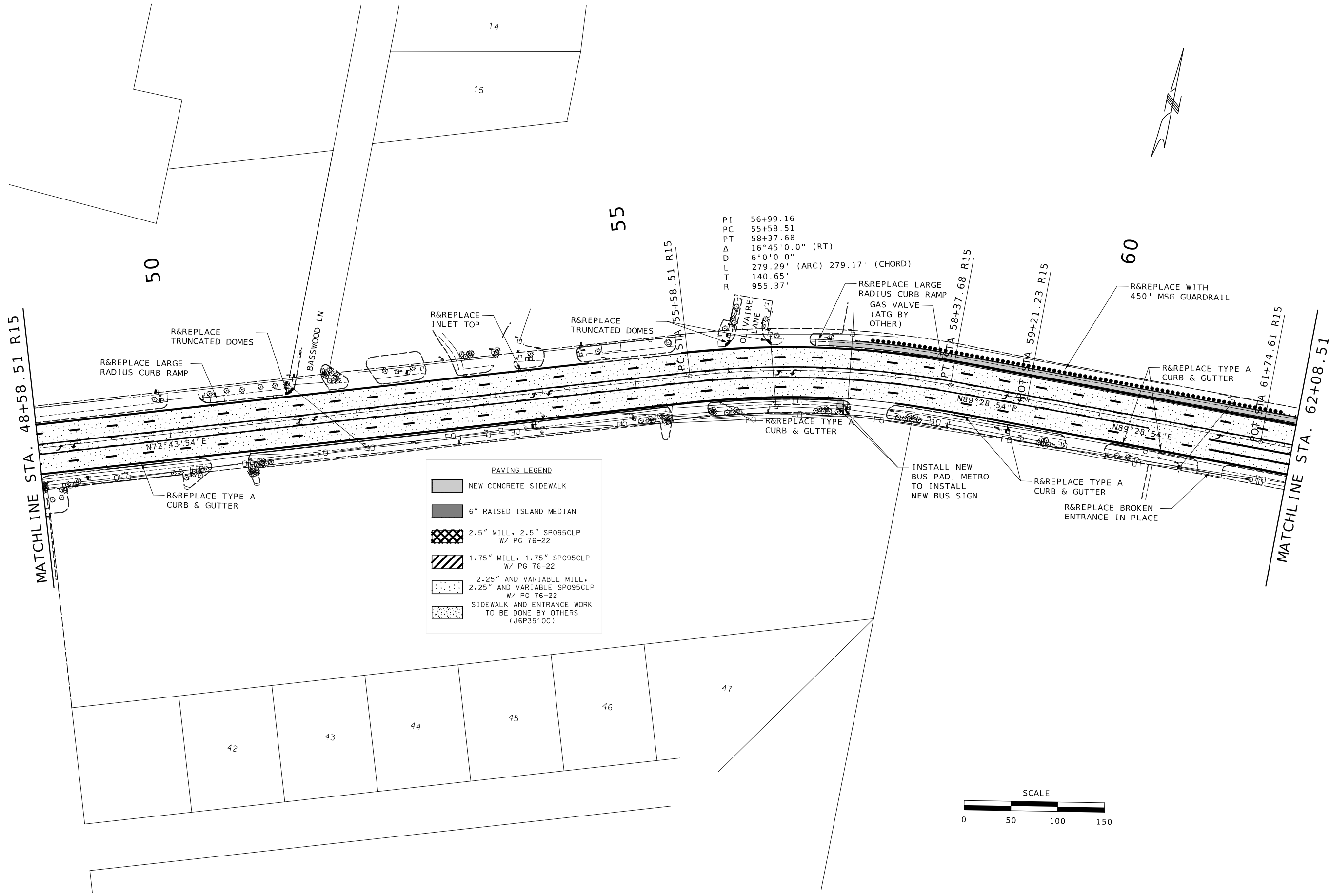
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



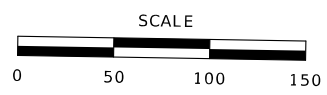
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
RTE 340
SHEET 13 OF 17



PI 56+99.16
PC 55+58.51
PT 58+37.68
 Δ 16°45'0.0" (RT)
DD 6°0'0.0"
LT 279.29' (ARC) 279.17' (CHORD)
TR 140.65'
R 955.37'

PAVING LEGEND	
	NEW CONCRETE SIDEWALK
	6" RAISED ISLAND MEDIAN
	2.5" MILL, 2.5" SP095CLP W/ PG 76-22
	1.75" MILL, 1.75" SP095CLP W/ PG 76-22
	2.25" AND VARIABLE MILL, 2.25" AND VARIABLE SP095CLP W/ PG 76-22
	SIDEWALK AND ENTRANCE WORK TO BE DONE BY OTHERS (J6P3510C)



STATE OF MISSOURI

STUART ROBINSON MONEIL

NUMBER

PE-2006019687

PROFESSIONAL ENGINEER

Stuart Robinson Moneil

08/21/2024 12:38:29 PM

STUART ROBINSON MONEIL - CIVIL

MO-PE-2006019687

DATE PREPARED

8/20/2024

ROUTE

340

STATE

MO

DISTRICT

SL

SHEET NO.

17

COUNTY

ST. LOUIS

JOB NO.

JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

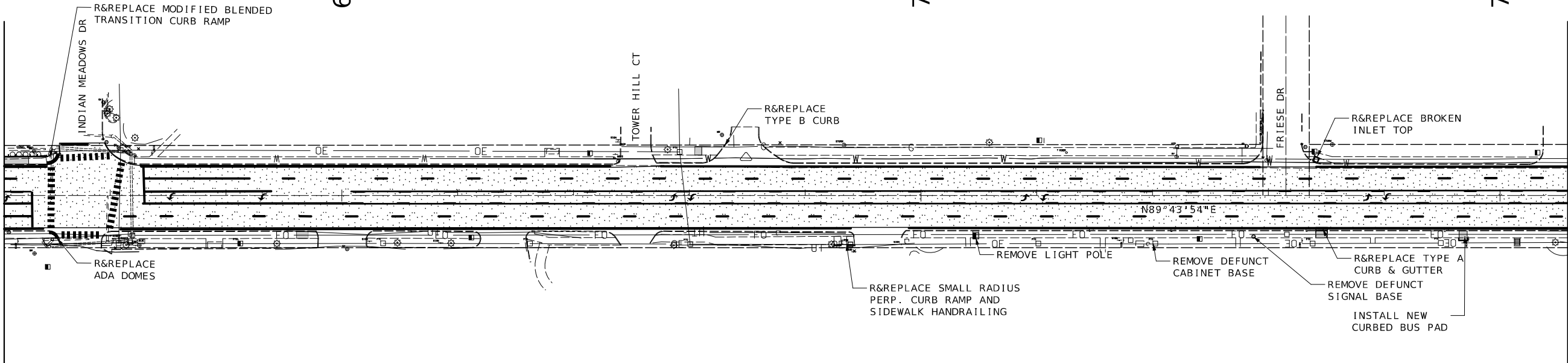
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET

RTE 340

SHEET 14 OF 17

MATCHLINE STA. 62+08.51 R15



PAVING LEGEND	
	NEW CONCRETE SIDEWALK
	6" RAISED ISLAND MEDIAN
	2.5" MILL, 2.5" SP095CLP W/ PG 76-22
	1.75" MILL, 1.75" SP095CLP W/ PG 76-22
	2.25" AND VARIABLE MILL, 2.25" AND VARIABLE SP095CLP W/ PG 76-22
	SIDEWALK AND ENTRANCE WORK TO BE DONE BY OTHERS (J6P3510C)

STATE OF MISSOURI

STUART ROBINSON McNEIL

NUMBER

PE-2006019687

PROFESSIONAL ENGINEER

Stuart McNeil

08/21/2024 12:38:45 PM

STUART ROBINSON McNEIL - CIVIL

MO-PE-2006019687

DATE PREPARED

8/20/2024

ROUTE

340

DISTRICT

SL

STATE

MO

SHEET NO.

18

COUNTY

ST. LOUIS

JOB NO.

JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

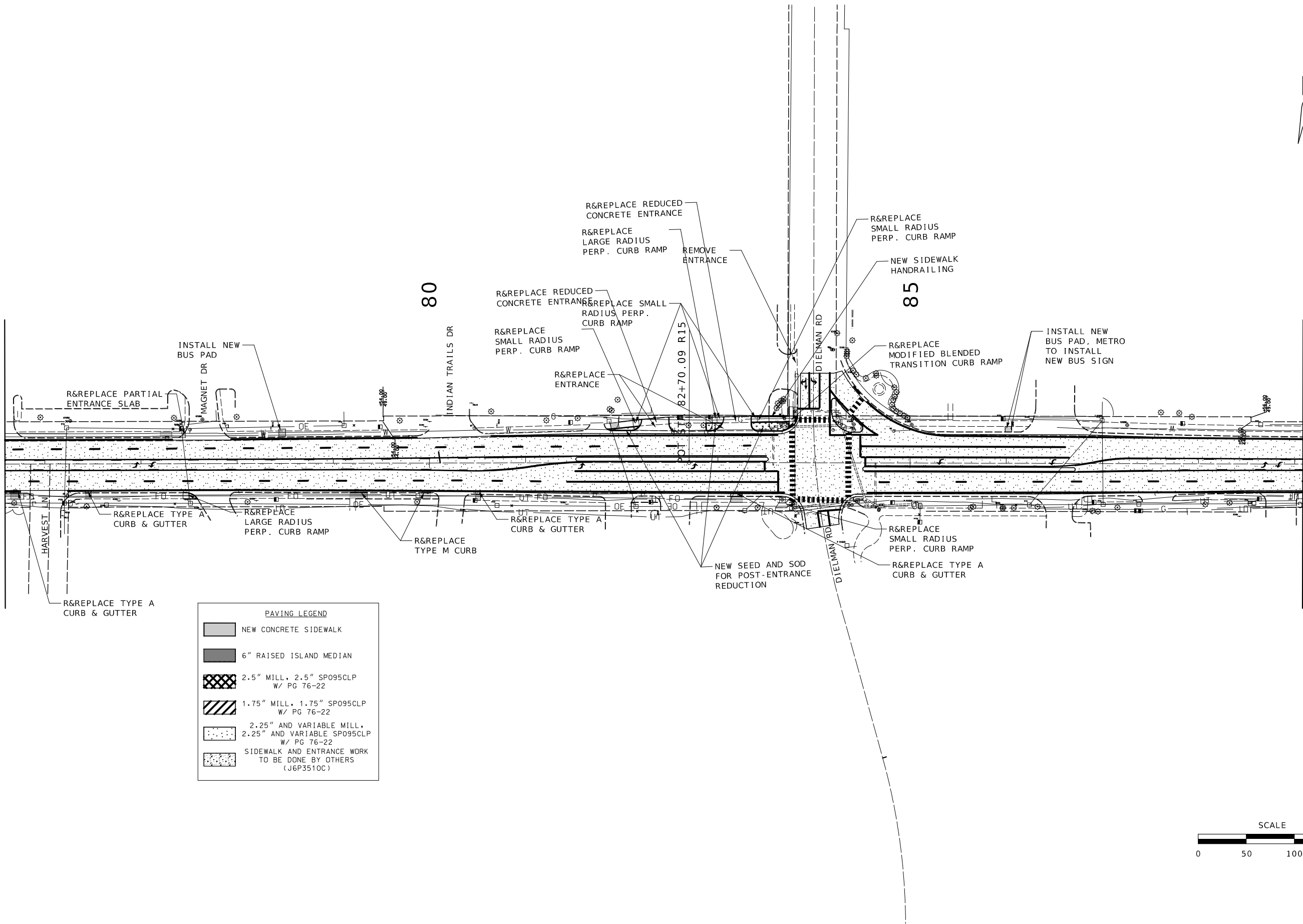
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET

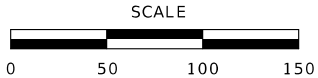
RTE 340

SHEET 15 OF 17

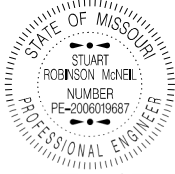
MATCHLINE STA. 75+58.51 R15



PAVING LEGEND	
	NEW CONCRETE SIDEWALK
	6" RAISED ISLAND MEDIAN
	2.5" MILL, 2.5" SP095CLP W/ PG 76-22
	1.75" MILL, 1.75" SP095CLP W/ PG 76-22
	2.25" AND VARIABLE MILL, 2.25" AND VARIABLE SP095CLP W/ PG 76-22
	SIDEWALK AND ENTRANCE WORK TO BE DONE BY OTHERS (J6P3510C)



MATCHLINE STA. 89+08.51 R15



DATE PREPARED
8/20/2024

ROUTE	STATE
340	MO
DISTRICT	SHEET NO.
SL	19

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

PROJECT NO.

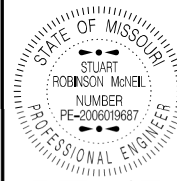
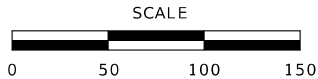
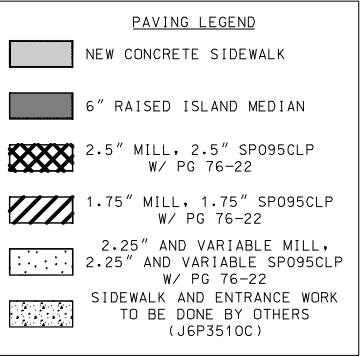
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
RTE 340
SHEET 16 OF 17



08/21/2024 12:53:20 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
0-0000-0000-0

8 / 20 / 2024

ROUTE	STATE
210	MO

340	MO
DATE RECEIVED	DATE RECEIVED

DISTRICT	SHEET NO
SI	30

3L	20
COUNTY	

ST LOUIS

ST. ESTS
JOB NO.

JSL0076

CONTRACT ID.

Table 1

PROJECT NO.

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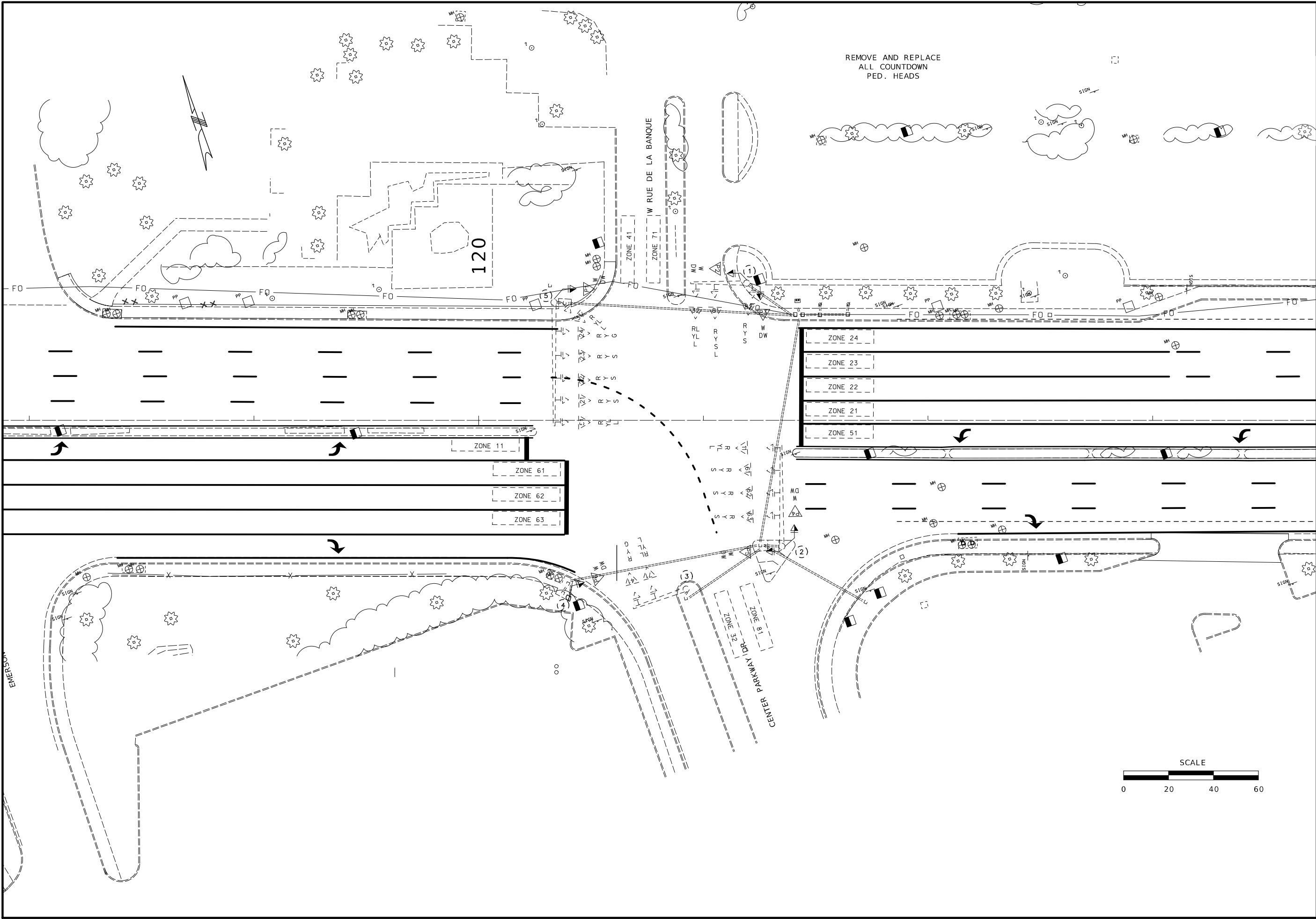
BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

PLAN SHEET
RTE 340
SHEET 17 OF 17



STATE OF MISSOURI

STUART ROBINSON MOORE

NUMBER

PE-2006019687

PROFESSIONAL ENGINEER

Stuart Robinson Moore

08/21/2024 12:53:32 PM

STUART ROBINSON MOORE - CIVIL

MO-PE-2006019687

DATE PREPARED

8/20/2024

ROUTE

340

STATE

MO

DISTRICT

SL

SHEET NO.

21

COUNTY

ST. LOUIS

JOB NO.

JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

ZONE 24

ZONE 23

ZONE 22

ZONE 21

ZONE 51

ZONE 11

ZONE 61

ZONE 62

ZONE 63

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

MoDOT

1-888-ASK-MODOT (1-888-275-6636)

SIGNAL SHEET

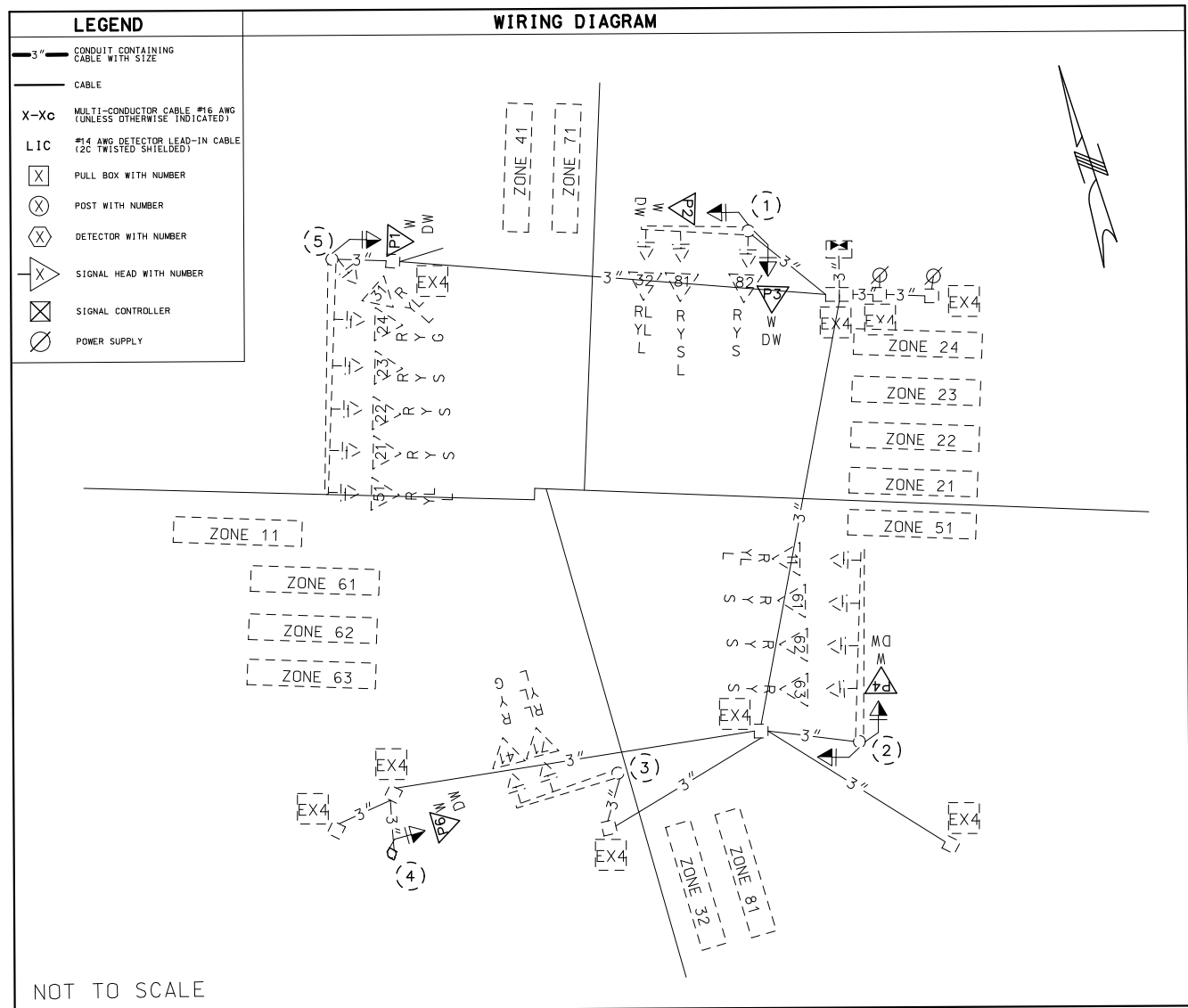
ROUTE 340 @ RUE DE LA BANQUE

SHEET 1 OF 2

[illegible]

DETECTOR SCHEDULE				
APPROACH	DETECTOR NUMBER	DETECTOR ZONE	TYPE	
			AUDIBLE PEDESTRIAN PUSH BUTTON	OPTIONAL DETECTION
EB RTE 340	11	EB LT TURN		EXIST.
EB RTE 340	61	EB THRU		EXIST.
EB RTE 340	62	EB THRU		EXIST.
EB RTE 340	63	EB THRU		EXIST.
WB RTE 340	51	WB LT TURN		EXIST.
WB RTE 340	21	WB THRU		EXIST.
WB RTE 340	22	WB THRU		EXIST.
WB RTE 340	23	WB THRU		EXIST.
WB RTE 340	24	WB THRU & RT TURN		EXIST.
SB RUE DE LA BANQUE	71	SB LT TURN		EXIST.
SB RUE DE LA BANQUE	41	SB THRU & RT TURN		EXIST.
NB RUE DE LA BANQUE	31	NB LT TURN		EXIST.
NB RUE DE LA BANQUE	81	NB THRU & LT TURN		EXIST.
	D1	WB PED - NORTH SIDE CROSSING 340	UIP	
	D2	EB PED - NORTH SIDE CROSSING 340	UIP	
	D3	NB PED - EAST SIDE CROSSING 340	UIP	
	D4	SB PED - EAST SIDE CROSSING 340	UIP	
	D5	EB PED - SOUTH SIDE CROSSING 340	UIP	
	D6	WB PED - SOUTH SIDE CROSSING 340	UIP	
TOTAL			UIP	✱

NEMA LOAD SWITCH ASSIGNMENTS															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ø 1 EBL	Ø 2 WBT	N/A	Ø 4 SBT SBL	Ø 5 WBL	Ø 6 EBT	N/A	Ø 8 NBT NBL	N/A	N/A	N/A	N/A	Ø 2 PED	N/A	Ø 6 PED	Ø 8 PED

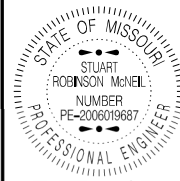
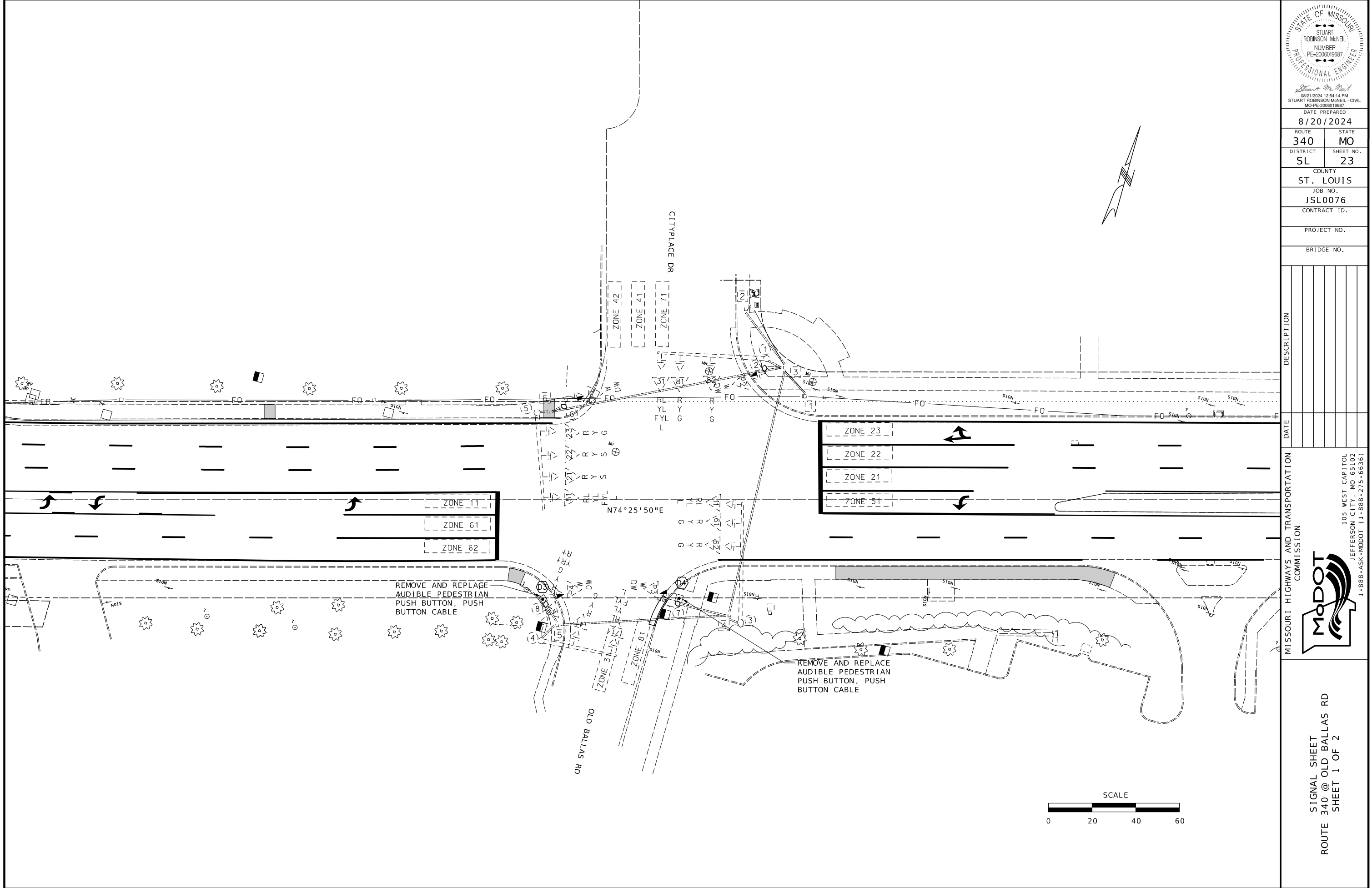
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POST NUMBER	FACE NUMBER	NUMBER	SIGNAL HEADS																	
				VISORS*		BRACKET*		BACKPLATE* LENSES				ONE –FACE 1–				ONE –FACE 5–				
				12"	PED.	TYPE	I	1	2	3	4	T	S	C	B	T	S	C	B	
1	P1	1		1		1		1						1						
	P2	1		1		1		1						1						
2	P3	1		1		1		1						1						
2	P4	1		1		1		1						1						
4	P5	1		1		1		1						1						
5	P6	1		1		1		1						1						
SUBTOTAL			CONVENTIONAL																	
SUBTOTAL			COUNTDOWN													6				
TOTAL			CONVENTIONAL																	
TOTAL			COUNTDOWN													6				

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

USE EXISTING
PHASING

RTE 340 @ RUE DE LA BANQUE
INTERSECTION



DATE PREPARED
8/20/2024

ROUTE 340 STATE MO
DISTRICT SL SHEET NO. 23

COUNTY
ST. LOUIS
JOB NO.
JSL0076
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

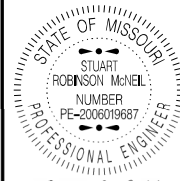
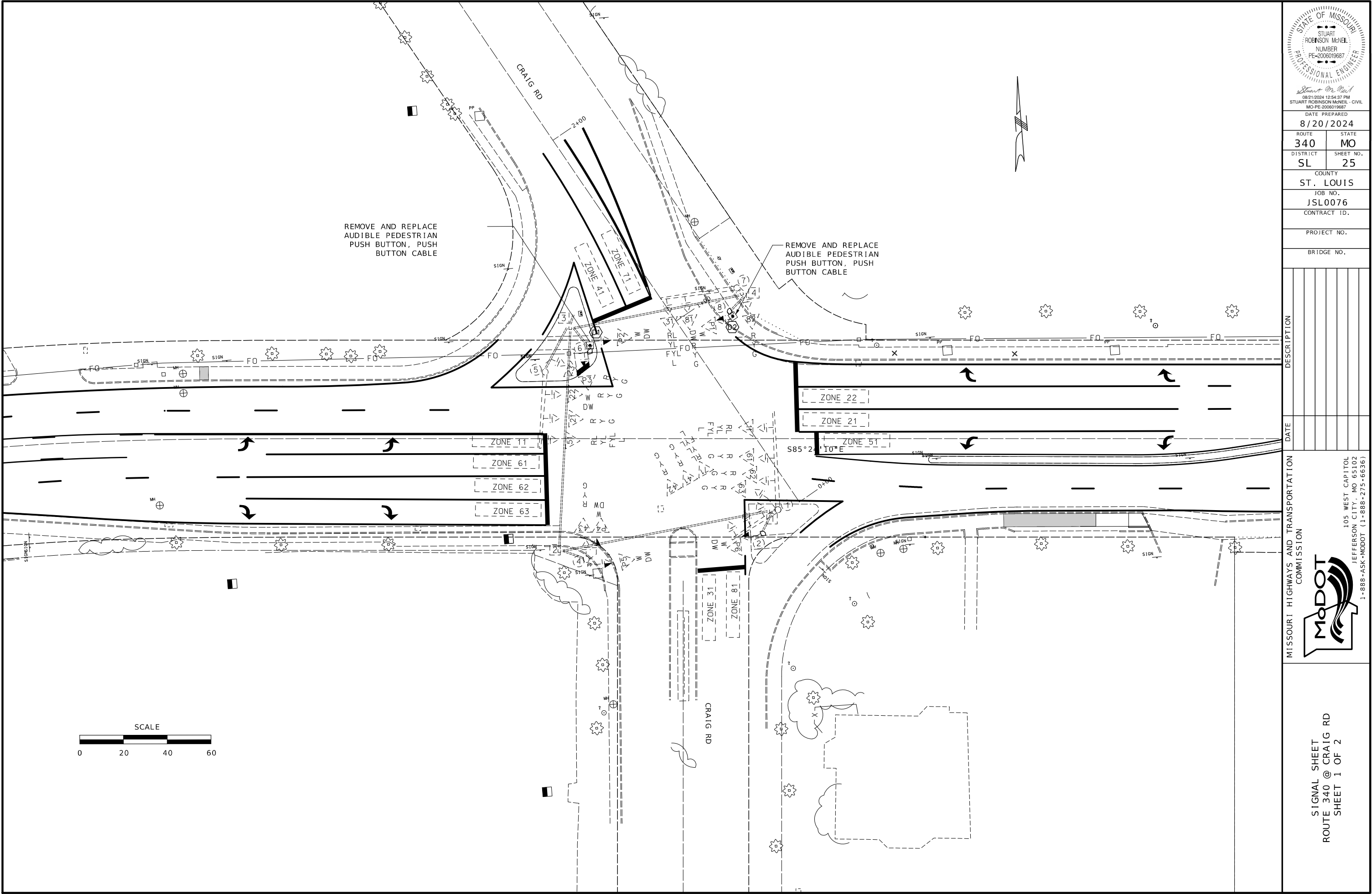
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SIGNAL SHEET
ROUTE 340 @ OLD BALLAS RD
SHEET 1 OF 2



DATE PREPARED
8/20/2024

ROUTE 340 STATE MO

DISTRICT SL SHEET NO. 25

COUNTY ST. LOUIS

JOB NO. JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

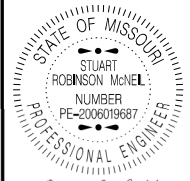
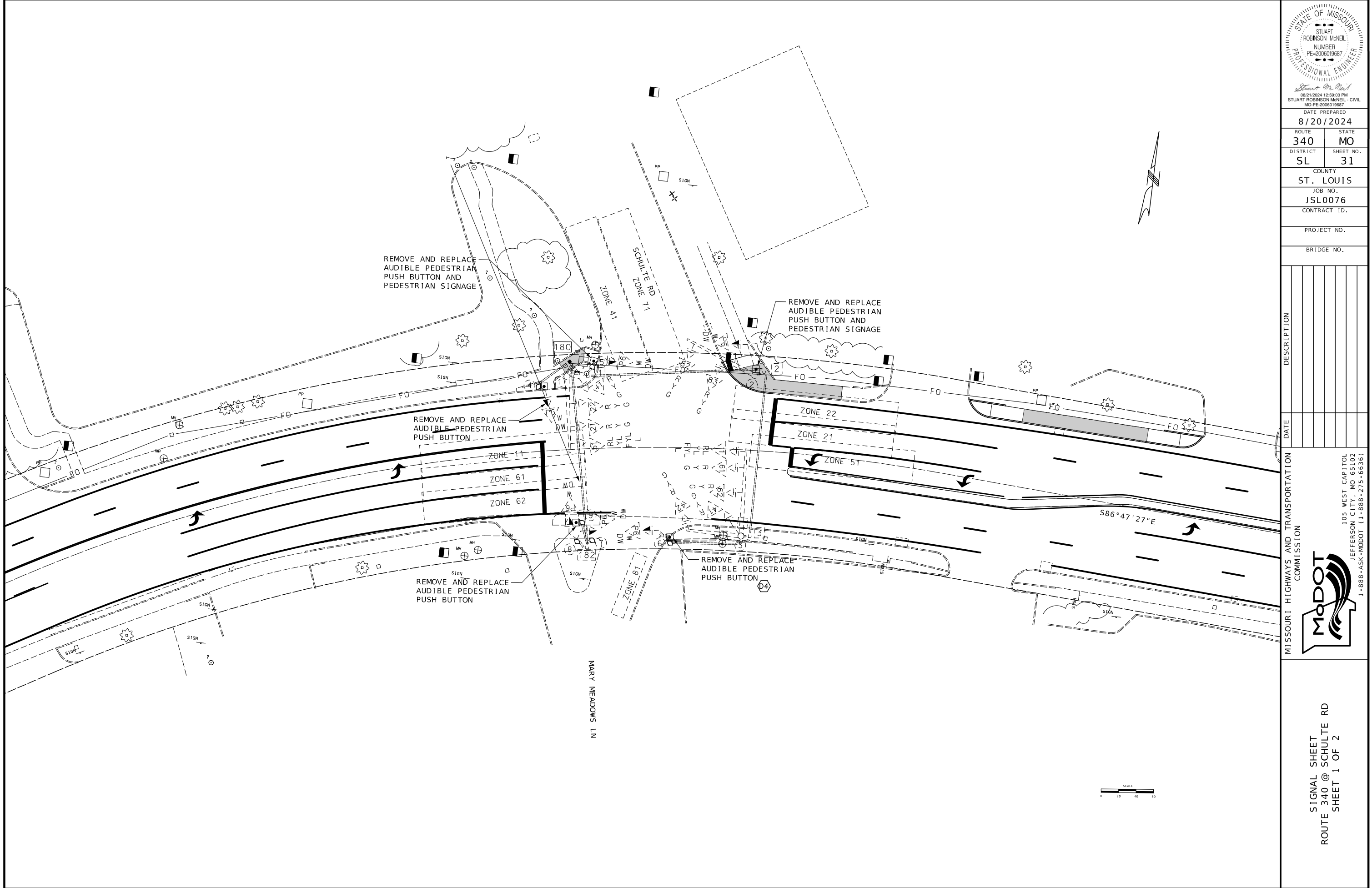
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SIGNAL SHEET
ROUTE 340 @ CRAIG RD
SHEET 1 OF 2



DATE PREPARED
8/20/2024

ROUTE 340 STATE MO

DISTRICT SL SHEET NO. 31

COUNTY ST. LOUIS

JOB NO. JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

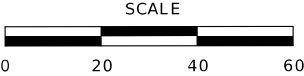
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SIGNAL SHEET
ROUTE 340 @ SCHULTE RD
SHEET 1 OF 2



ALL PEDESTRIAN PUSH
BUTTON SIGNS TO BE
REMOVED AND REPLACED

REMOVE AND REPLACE AUDIBLE PEDESTRIAN PUSH BUTTONS, PUSH BUTTON CABLE



08/21/2024 12:59:24 PM
STUART ROBINSON McNEIL - CIVIL

MO-PE-2006019687
DATE PREPARED
8/30/2024

ROUTE	STATE
340	MO

340	MO
DISTRICT	SHEET NO.
SI	33

32	33
COUNTY	
ST	LOUIS

ST. LOUIS
JOB NO.
161 0076

JSL0076

CONTRACT ID.

PROJECT NO.

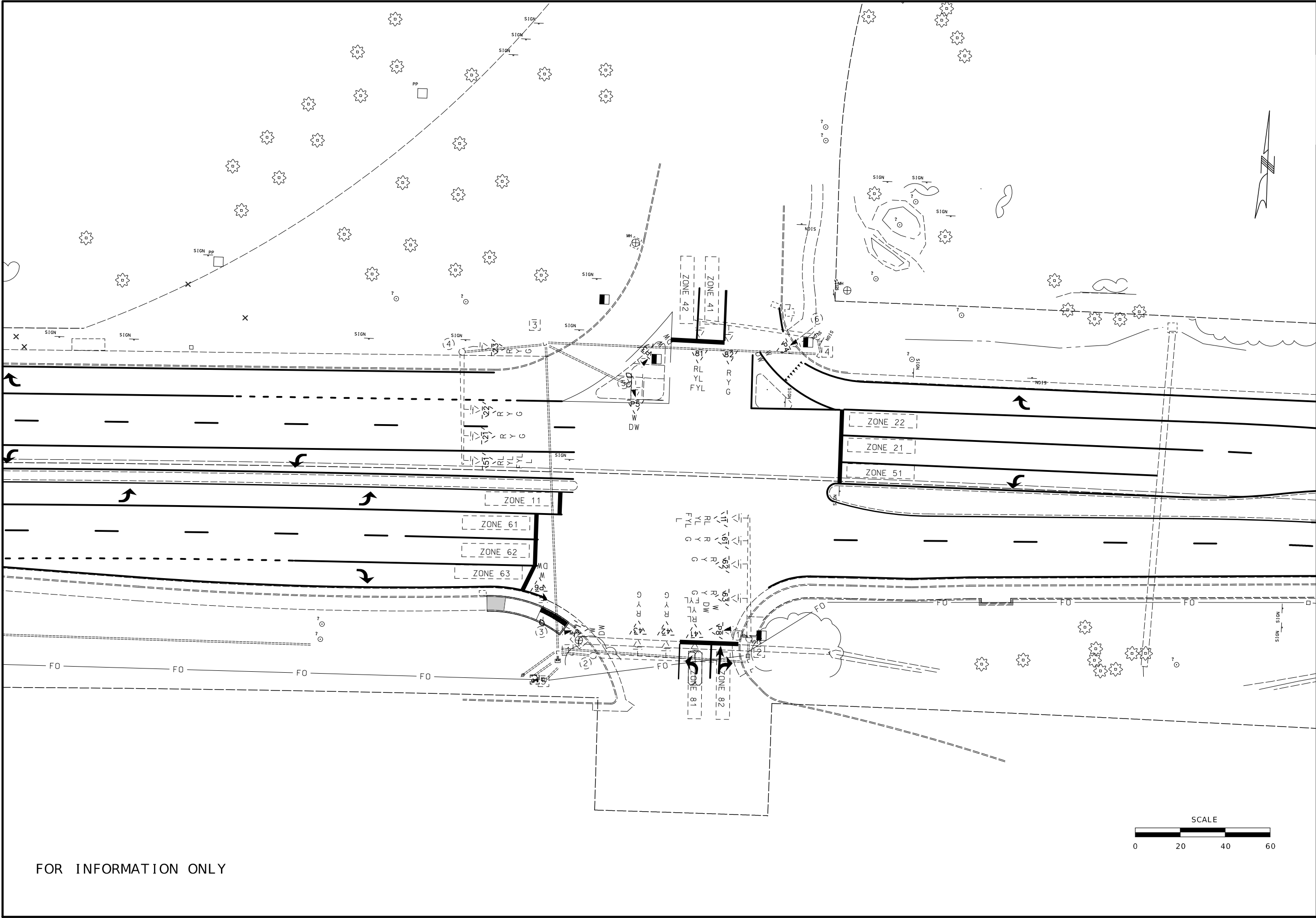
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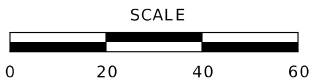
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITAL
JEFFERSON CITY, MO 65102
1-888-ASK-MDOT (1-888-275-6626)

SIGNAL SHEET
ROUTE 340 @ GRAESER RD
SHEET 1 OF 2



FOR INFORMATION ONLY



STATE OF MISSOURI

STUART ROBINSON MCNEIL

NUMBER

PE-2006019687

PROFESSIONAL ENGINEER

10/09/2024 11:39:40 AM

STUART ROBINSON MCNEIL - CIVIL

MO-PE-2006019687

DATE PREPARED

10/8/2024

ROUTE

340

DISTRICT

SL

STATE

MO

SHEET NO.

35

COUNTY

ST. LOUIS

JOB NO.

JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

MODOT

SIGNAL SHEET

ROUTE 340 @ OLD OLIVE

STREET RD WEST

SHEET 1 OF 2

NEMA LOAD SWITCH ASSIGNMENTS															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ø 1	Ø 2		Ø 4	Ø 5	Ø 6		Ø 8	Ø 2	Ø 4	Ø 6	Ø 8	Ø 2	Ø 4	Ø 6	
EBL	WBT	N/A	SB	WBL	EBT	N/A	NB	OLA FYA	OLB FYA	OLC FYA	OLD FYA	PED	PED	PED	N/A

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ALL OTHER CONDUIT
USE IN PLACE

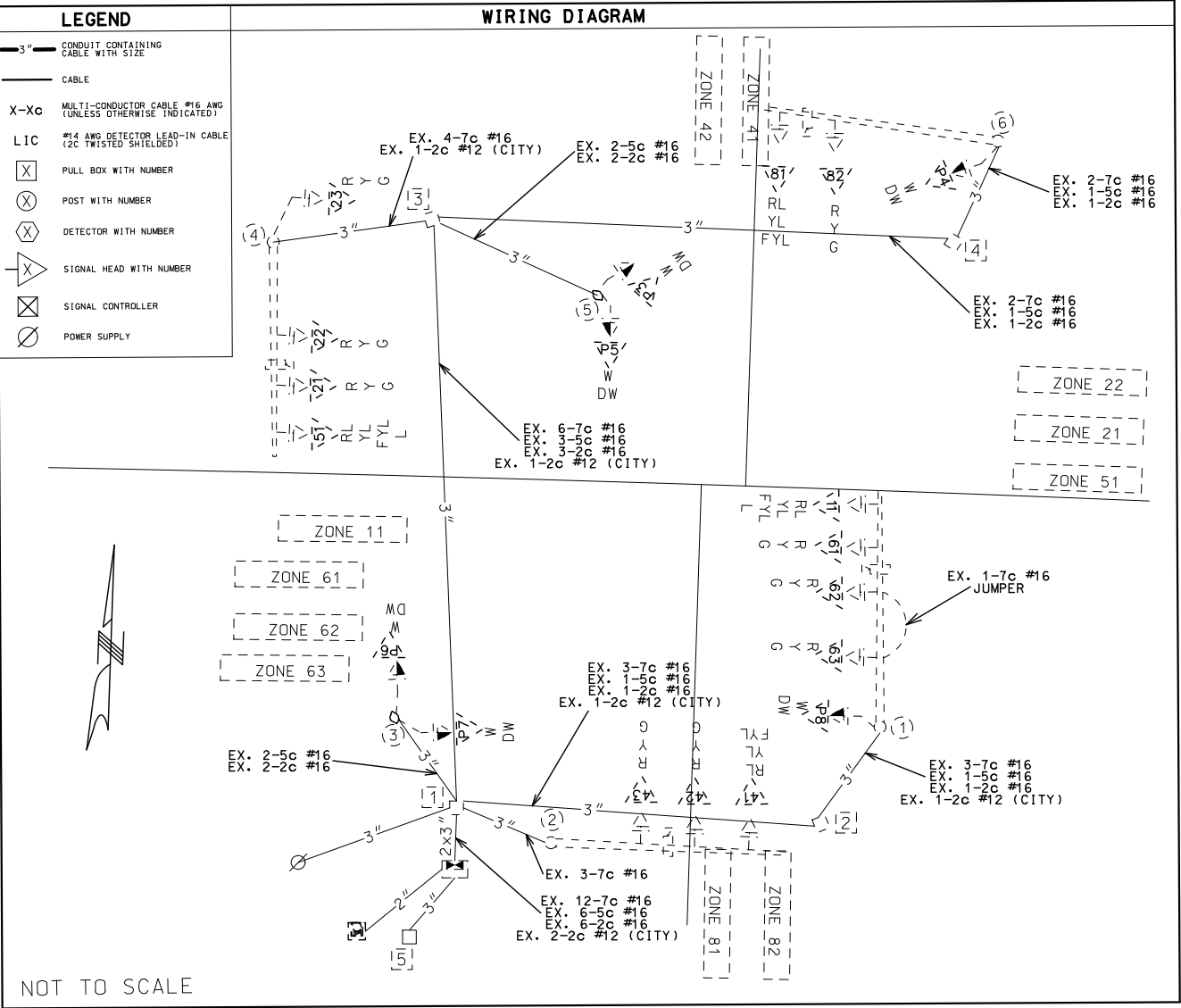
ALL OTHER CABLE
USE IN PLACE

ALL OTHER SIGNS
USE IN PLACE

USE EXISTING
PHASING

DETECTOR SCHEDULE				
APPROACH	DETECTOR NUMBER	DETECTOR ZONE	TYPE	
			AUDIBLE PEDESTRIAN PUSH BUTTON	OPTIONAL DETECTION
EB RTE 340	11	EB LT TURN		EXIST.
EB RTE 340	61	EB THRU		EXIST.
EB RTE 340	62	EB THRU		EXIST.
EB RTE 340	63	EB RT TURN		EXIST.
WB RTE 340	51	WB LT TURN		EXIST.
WB RTE 340	21	WB THRU		EXIST.
WB RTE 340	22	WB THRU		EXIST.
SB WARSON	41	SB LT TURN		EXIST.
SB WARSON	42	SB THRU		EXIST.
NB WARSON	81	NB LT TURN		EXIST.
NB WARSON	82	NB THRU		EXIST.
	D3	WB PED - NORTH SIDE CROSSING 340	EXIST.	
	D4	EB PED - NORTH SIDE CROSSING 340	EXIST.	
	D5	NB PED - WEST SIDE CROSSING 340	EXIST.	
	D6	SB PED - WEST SIDE CROSSING 340	EXIST.	
	D7	WB PED - SOUTH SIDE CROSSING 340	EXIST.	
	D8	EB PED - SOUTH SIDE CROSSING 340	EXIST.	
TOTAL			0	**

**FOR INFORMATION ONLY



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 *
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170		12C/7C HARDWIRE (1)	TIME BASE	CLOSED LOOP	FIBER		E	EV	DOUBLE	332	336S	BITRAN
EB 340	217+84.7	82.1'			UIP									UIP				

FOR INFORMATION ONLY

RTE 340 @ OLD OLIVE
STREET RD WEST
INTERSECTION

STATE OF MISSOURI
STUART ROBINSON MOORE
NUMBER
PE-2006019687
PROFESSIONAL ENGINEER
Stuart M. Moore
10/09/2024 11:39:58 AM
STUART ROBINSON MOORE - CIVIL
MO-PE-2006019687
DATE PREPARED
10/8/2024
ROUTE
340
STATE
MO
DISTRICT
SL
SHEET NO.
36
COUNTY
ST. LOUIS
JOB NO.
JSL0076
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)

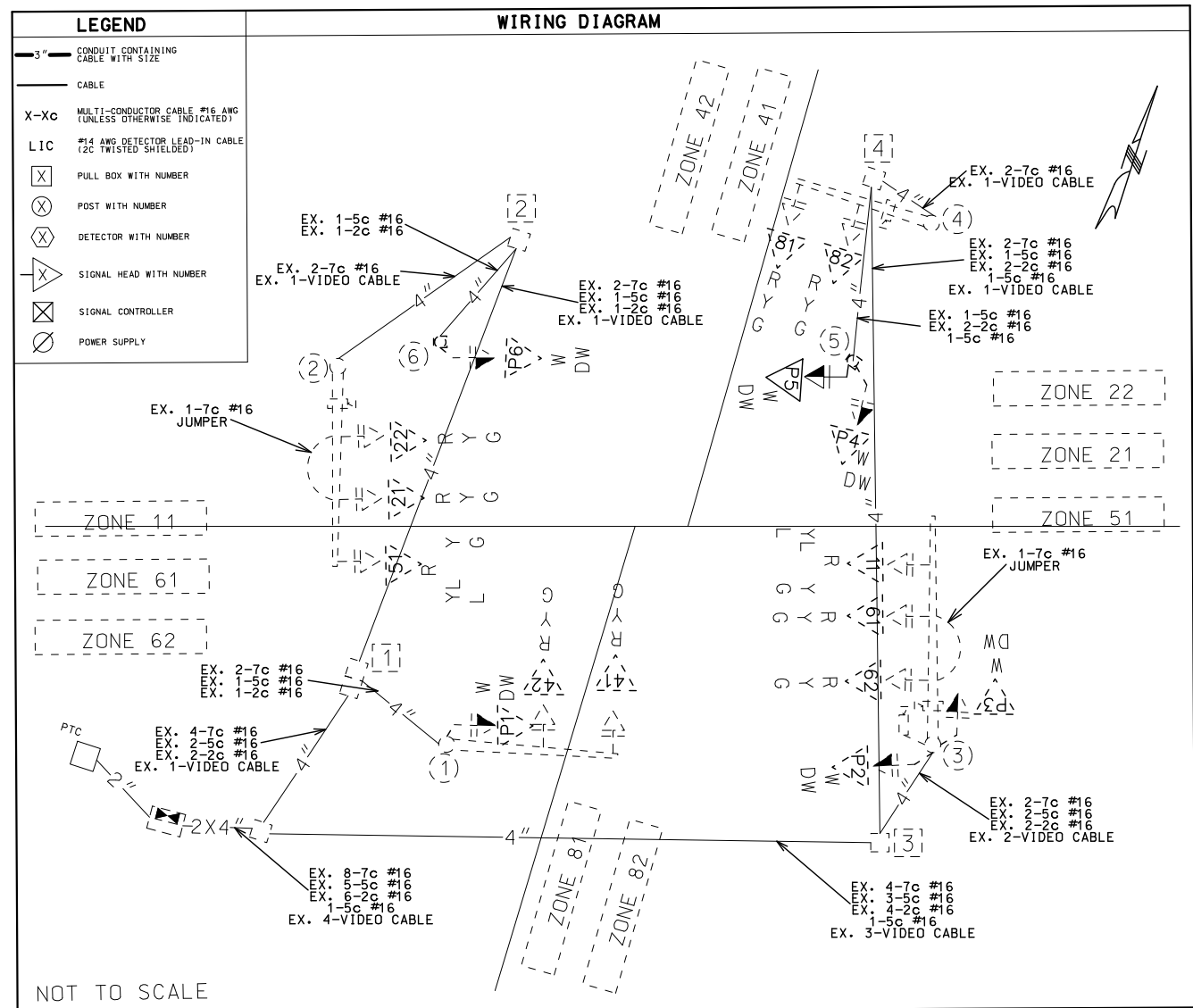
SIGNAL SHEET
ROUTE 340 @ OLD OLIVE
STREET RD WEST
SHEET 2 OF 2

[illegible]

DETECTOR SCHEDULE				
APPROACH	DETECTOR NUMBER	DETECTOR ZONE	TYPE	
			AUDIBLE PEDESTRIAN PUSH BUTTON	OPTIONAL DETECTION
EB RTE 340	11	EB LT TURN		EXIST.
EB RTE 340	61	EB THRU		EXIST.
EB RTE 340	62	EB THRU		EXIST.
WB RTE 340	51	WB LT TURN		EXIST.
WB RTE 340	21	WB THRU		EXIST.
WB RTE 340	22	WB THRU		EXIST.
SB BONHOMME	41	SB THRU & LEFT TURN		EXIST.
SB BONHOMME	42	SB THRU & RT TURN		EXIST.
NB BONHOMME	81	NB THRU & LT TURN		EXIST.
NB BONHOMME	82	NB THRU & RT TURN		EXIST.
	D1	WB PED - SOUTH SIDE CROSSING 340	EXIST.	
	D2	EB PED - SOUTH SIDE CROSSING 340	EXIST.	
	D3	SB PED - EAST SIDE CROSSING 340	EXIST.	
	D4	NB PED - EAST SIDE CROSSING 340	EXIST.	
	D5	EB PED - NORTH SIDE CROSSING 340	EXIST.	
	D6	WB PED - NORTH SIDE CROSSING 340	EXIST.	
TOTAL			0	**

**FOR INFORMATION ONLY

NEMA LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
Ø 1	Ø 2	N/A	Ø 4	Ø 5	Ø 6	N/A	Ø 8	Ø 2	N/A	Ø 6	Ø 8
EBL	WBT		SBT SBL	WBL	EBT		NBT NBL	PED		PED	PED



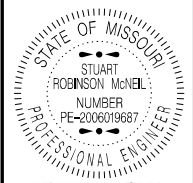
SIGNAL SIGNS					
QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA	SIGNAL SIGN MOUNTING HARDWARE
				ITEM NO. 90208.33	ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-3eL				
	R10-3eR				
			ALL OTHER SIGNS USE IN PLACE		
			SUBTOTAL		
			TOTAL		

USE EXISTING
PHASING

POST NUMBER	FACE NUMBER	SIGNAL HEADS																		
			VISORS*		BRACKET*	BACKPLATE* LENSES				ONE—FACE 1—				ONE—FACE 5—						
			12"	PED.	TYPE I	1	2	3	4	T	S	C	B	T	S	C	B			
			5	P5	1		1		1						1					
SUBTOTAL		CONVENTIONAL																		
SUBTOTAL		COUNTDOWN															1			
TOTAL		CONVENTIONAL																		
TOTAL		COUNTDOWN															1			

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

RTE 340 @ BONHOMME RD INTERSECTION



08/21/2024 1:00:51 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/20/2024

07/20/2024	
ROUTE	STATE

340	MO
-----	----

DISTRICT	SHEET NO.
SI	42

SE	12
COUNTY	

ST. LOUIS

JSL0076

CONTRACT ID.

PROJECT NO.

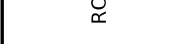
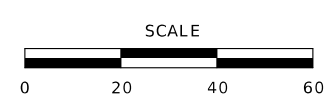
PROJECT NO.

BRIDGE NO.

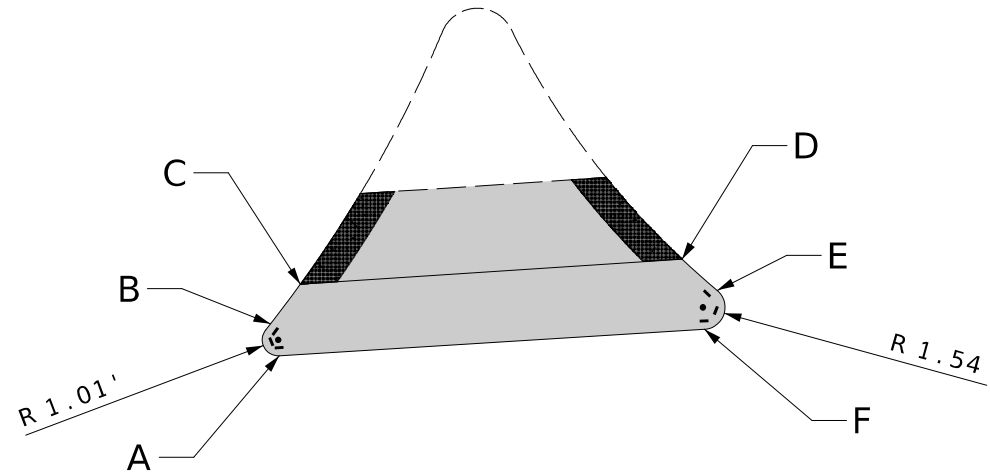
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COMMISSION

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

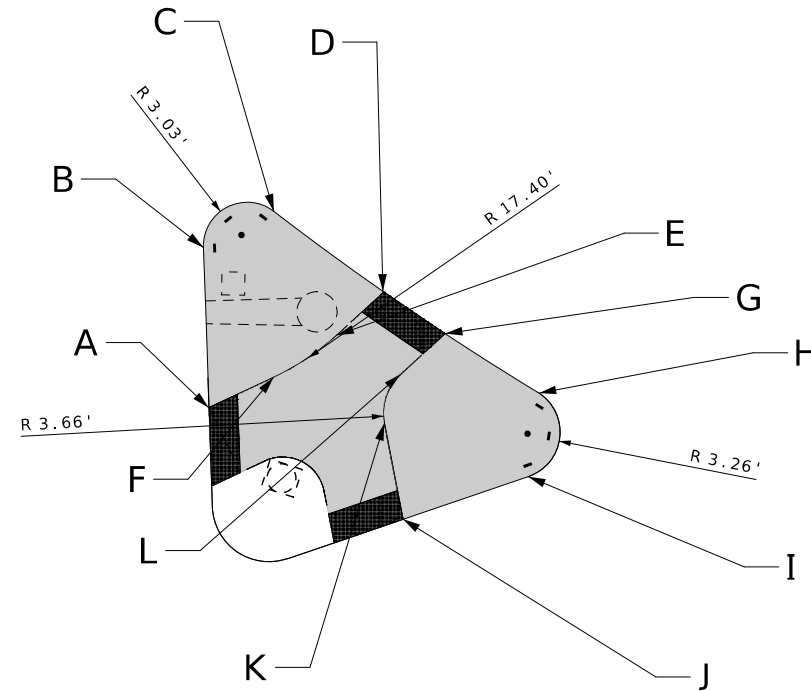
SIGNAL SHEET
ROUTE 340 @ BONHOMME RD
SHEET 2 OF 2



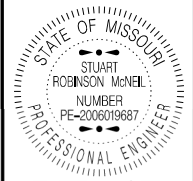
SIGNAL SHEET
ROUTE 340 @ INDIAN MEADOWS DR
SHEET 1 OF 2



ISLAND AT STA. 148+80		
PT	STA	OFFSET
A	148+64.79	27.23' LT
B	148+64.11	29.10' LT
C	148+66.68	32.02' LT
D	148+92.35	31.62' LT
E	148+94.58	29.27' LT
F	148+93.54	26.63' LT



ISLAND AT STA. 44+65		
PT	STA	OFFSET
A	44+55.99	38.13' LT
B	44+58.94	48.87' LT
C	44+64.35	49.79' LT
D	44+69.99	42.19' LT
E	44+65.98	40.30' LT
F	44+60.91	38.80' LT
G	44+73.18	38.17' LT
H	44+78.10	32.38' LT
I	44+75.75	26.97' LT
J	44+66.57	26.72' LT
K	44+67.31	33.47' LT
L	44+69.40	36.38' LT



08/21/2024 1:05:52 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/20/2024

ROUTE	STATE
340	MO

DISTRICT	SHEET NO.
SL	47

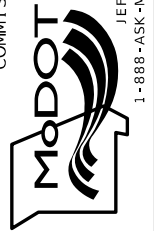
COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

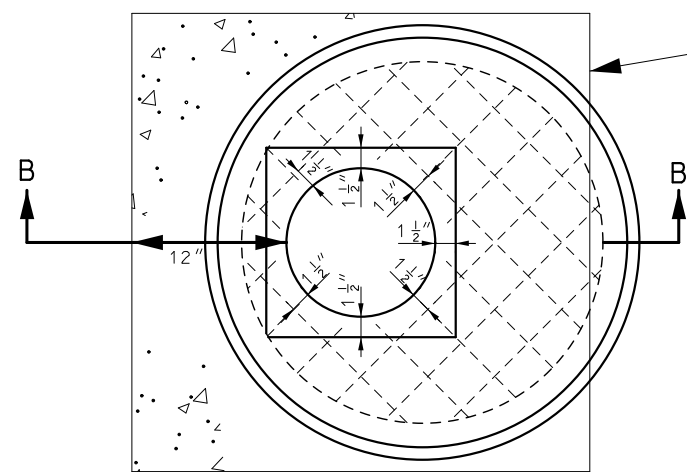
PROJECT NO.

BRIDGE NO.

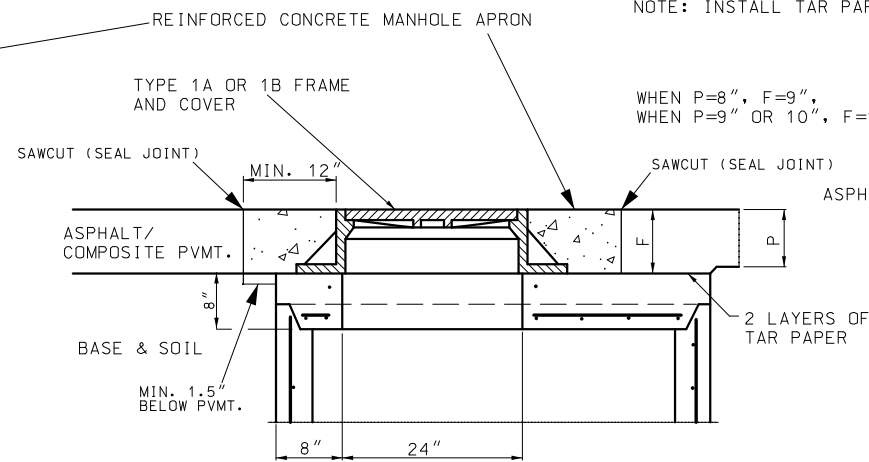
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COMMISSION

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

SPECIAL SHEET
ISLANDS
SHEET 1 OF 1

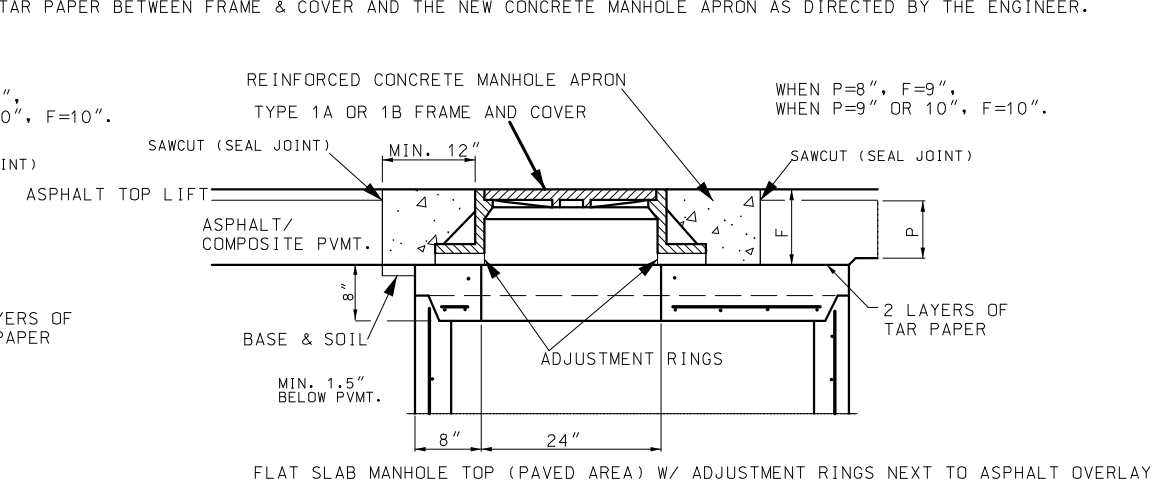


PLAN OF FLAT SLAB
MANHOLE TOP



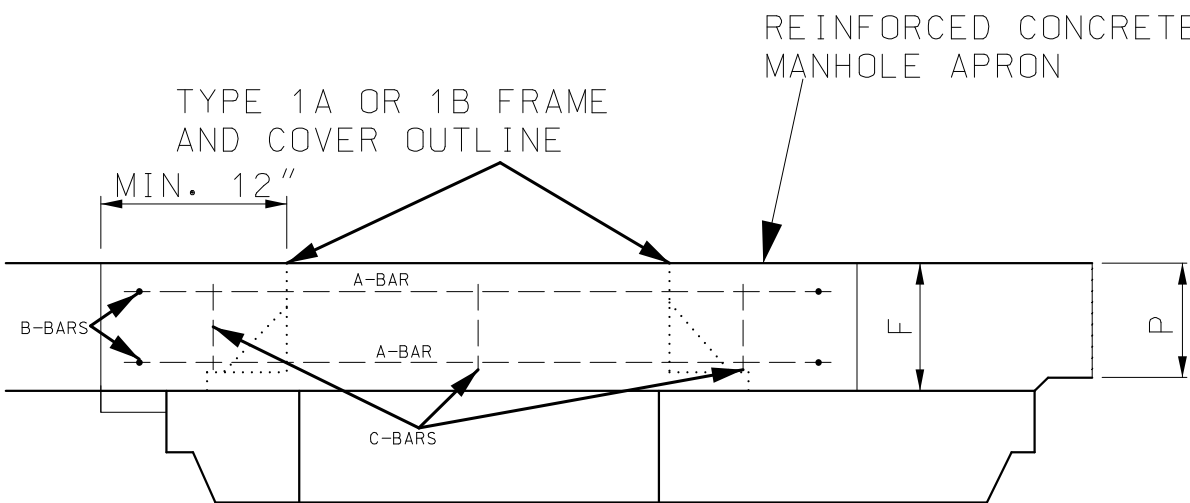
FLAT SLAB MANHOLE TOP (PAVED AREA)

SECTION B-B

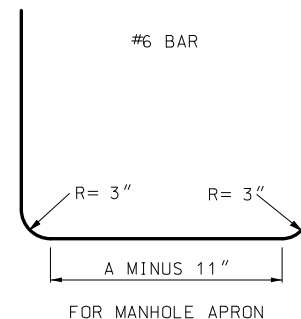


FLAT SLAB MANHOLE TOP (PAVED AREA) W/ ADJUSTMENT RINGS NEXT TO ASPHALT OVERLAY

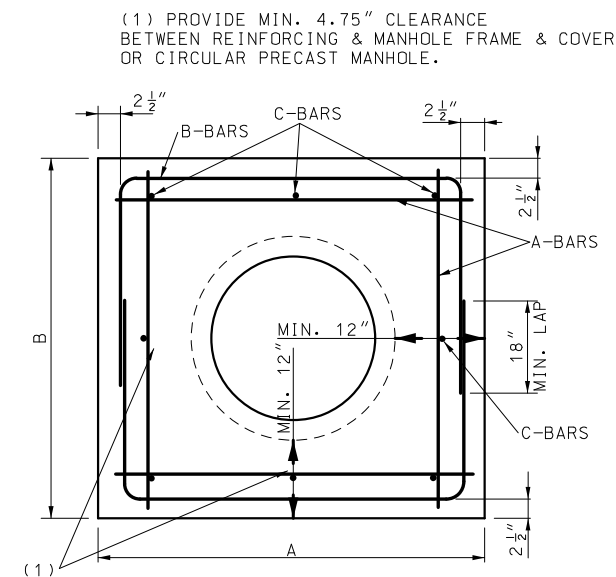
SECTION B-B



SECTION B-B
APRON REINFORCEMENT DETAIL

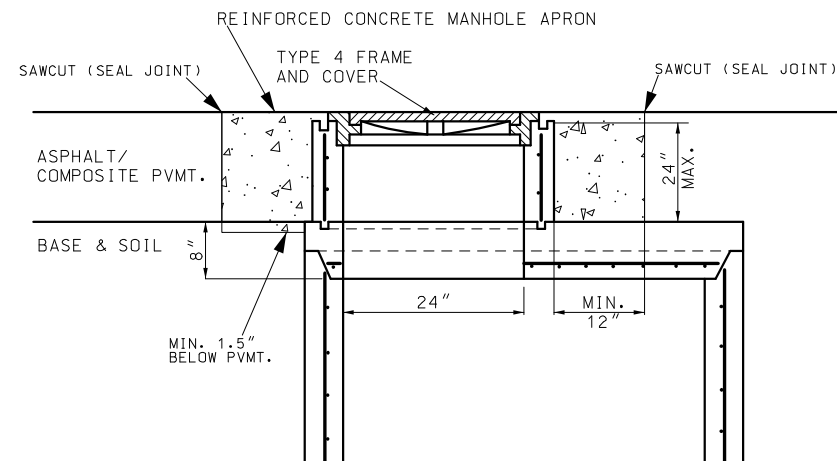


BENDING DIAGRAM FOR B-BARS



TOP VIEW OF MANHOLE APRON WITH REINFORCEMENT

NOTE: INSTALL 'C' BARS VERTICALLY INTO MANHOLE APRON CONCRETE. PROVIDE MIN. 1.5" CLEARANCE FROM TOP OF PAVEMENT & BOTTOM OF APRON. LENGTH OF 'C' BARS FOR 'F' DIMENSION SHALL BE 6". BAR LENGTH MAY VARY. 'C' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'B' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'A' BAR REINFORCEMENT SHALL HAVE 1.5" CLEARANCE TO EDGE OF APRON.



ALTERNATE MANHOLE TOP

GENERAL NOTES:

1. IF MANHOLE STRUCTURE DOES NOT HAVE FRAME & COVER BUT INSTEAD THE ENTIRE STRUCTURE REACHES THE TOP OF ROADWAY, THEN THIS SHEET SHALL NOT BE USED.
2. THIS SHEET SHALL TYPICALLY BE USED WHERE THE MANHOLE FRAME & COVER NEED TO BE RAISED TO GRADE, BUT CAN BE USED FOR NEW STRUCTURES AS WELL, PARTICULARLY FOR STRUCTURES INSTALLED WITHIN ASPHALT PAVEMENT.
3. THE CONTRACTOR SHALL USE 2 LAYERS OF 'A' & 'B' BAR REINFORCEMENT AS LONG AS 'F' THICKNESS NOTED ABOVE IS GREATER THAN OR EQUAL TO 9".
4. PAYMENT FOR REINFORCED CONCRETE MANHOLE APRON SHALL BE MADE PER EACH AND SHALL INCLUDE ALL NECESSARY REINFORCEMENT AND SAW CUTS OF EXISTING OR PROPOSED PAVEMENT.
5. MIN. DIMENSIONS OF 'A' AND 'B' IS THE FOLLOWING: 12" WALL + MANHOLE (INCLUDING WALL THICKNESS) + 12".
6. CONTRACTOR SHALL PROVIDE EITHER A SQUARE OR RECTANGLE SHAPED FULL DEPTH SAWCUT AROUND THE CONCRETE MANHOLE APRON AFTER CONSTRUCTION. THE MIN. WIDTH SHALL BE 12" BUT MAY VARY. THE CONTRACTOR SHALL NOT DO A CIRCULAR SAWCUT AROUND THE REINFORCED CONCRETE MANHOLE APRON.
7. CONCRETE USED FOR MANHOLE APRON SHALL BE THE SAME AS THAT USED FOR FULL DEPTH PAVEMENT REPAIRS. PLEASE SEE SECTION 613.10 OF THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS. CONTRACTOR MAY BE ALLOWED TO USE HIGH EARLY STRENGTH CONCRETE, WITH APPROVAL FROM THE ENGINEER.
8. THE CONTRACTOR SHALL RAISE THE MANHOLE FRAME & COVER USING CONCRETE RINGS AND APPROVED MECHANICAL ADJUSTMENT DEVICES TO FINISH GRADE MATCHING PROFILE AND CROSS SLOPE.
9. REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE.
10. NO DIRECT PAYMENT WILL BE MADE FOR PROVIDING, CUTTING OR BENDING REINFORCING STEEL.
11. THE CONTRACTOR SHALL SEAL JOINTS FORMED BETWEEN THE INTERFACE OF THE NEW APRON AND THE ASPHALT PAVEMENT ALONG WITH JOINTS CREATED BY THE OVERCUT OF SAWING FOR THE REMOVAL OF PAVEMENT. SEE THE JSP FOR ADDITIONAL INFORMATION.

STATE OF MISSOURI
STUART ROBINSON MONEIL
NUMBER
PE-2006019687
PROFESSIONAL ENGINEER
09/21/2024 1:06:02 PM
STUART ROBINSON MONEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/20/2024

ROUTE
340

DISTRICT
SL

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

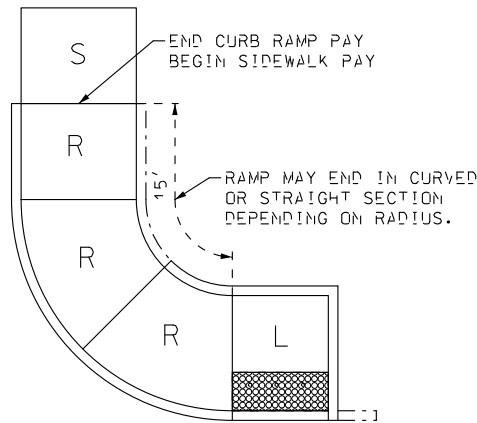
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

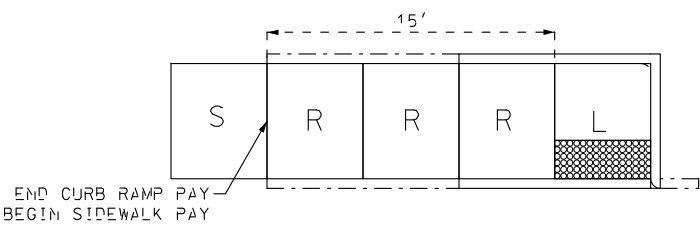
SPECIAL SHEET
CONCRETE MANHOLE APRON
FOR ASPHALT PAVING

PEDESTRIAN CURB RAMP PAY LIMITS

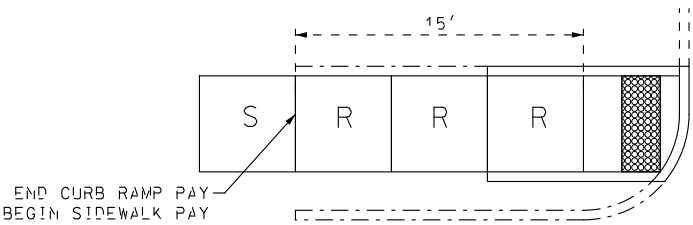


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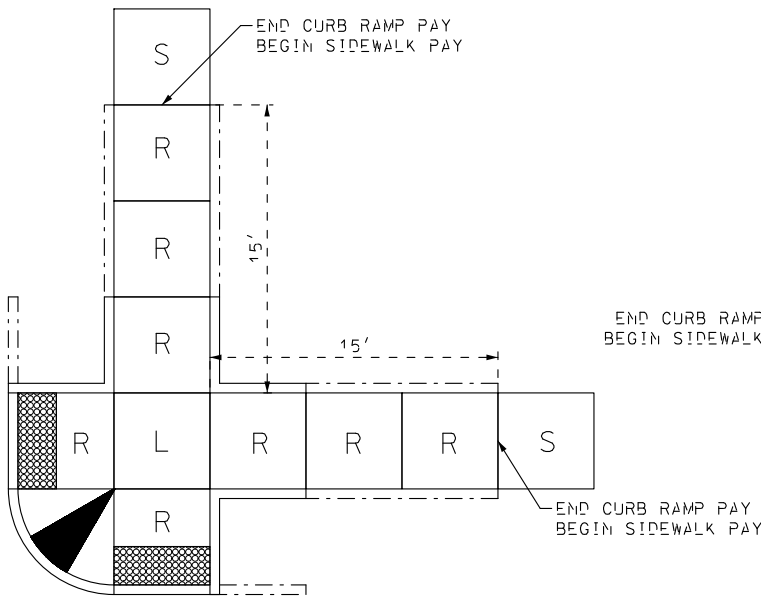
THE LENGTH OF THIS RAMP SHALL BE MEASURED ON THE INSIDE/SHORT SIDE OF THE CURVE



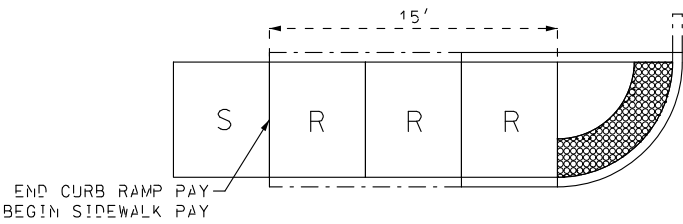
TYPE 2 PARALLEL



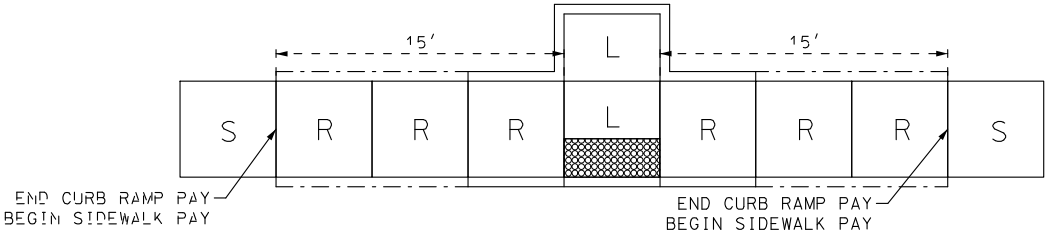
SMALL RADIUS PERPENDICULAR



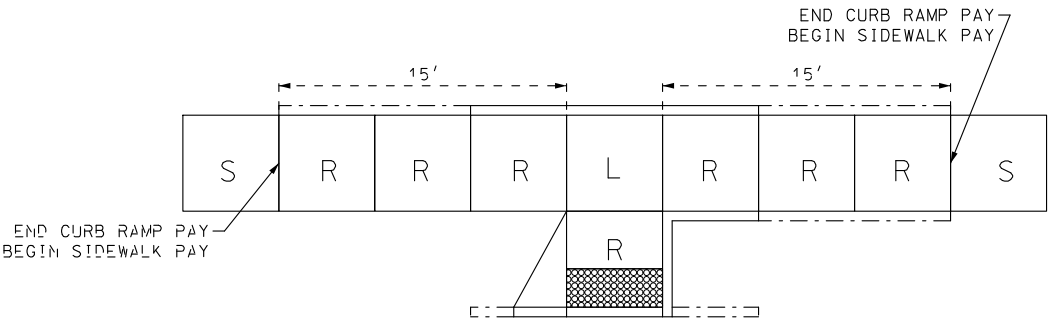
DUAL PERPENDICULAR
PAY AS 2 EACH



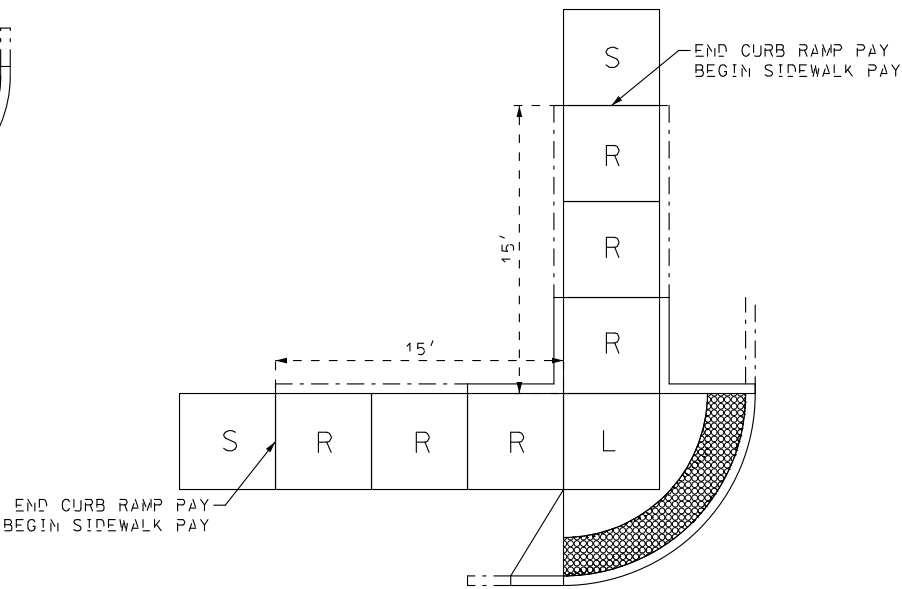
LARGE RADIUS PERPENDICULAR



TYPE 3 PARALLEL



COMPOUND PERPENDICULAR



BLENDED TRANSITION
PAY AS 2 EACH

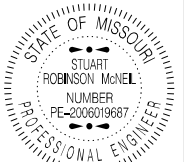
DISCLAIMER

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.

Notes -
15 FEET OF WALKWAY SHALL BE INCLUDED IN CURB RAMP PAY, PER EACH, AS SHOWN.

L - LANDING OR CLEAR AREA FOR TURNING MOVEMENTS AND RESTS. PAY AS RAMP.
R - PAY AS RAMP.
S - PAY AS SIDEWALK.

SEE JSP FOR OTHER INCIDENTALS INCLUDED IN CURB RAMP PAY.
SEE STANDARD PLANS 608 SERIES FOR DIMENSIONS, GRADES, AND OTHER REQUIREMENTS.
CONTRACTOR WILL HAVE OPTION TO CONSTRUCT RAMP WITH FLARE OR CURB FOR CERTAIN RAMPS ABOVE.



STUART ROBINSON MONEL
NUMBER
PE-2006019687
PROFESSIONAL ENGINEER

DATE PREPARED
8/20/2024

ROUTE 340 STATE MO

DISTRICT SL SHEET NO. 49

COUNTY ST LOUIS

JOB NO. JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

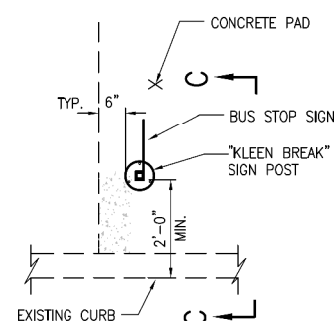
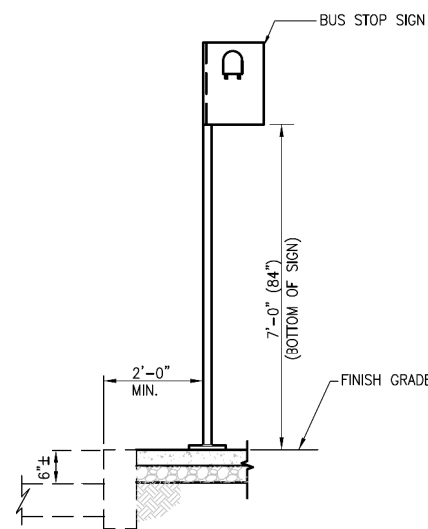
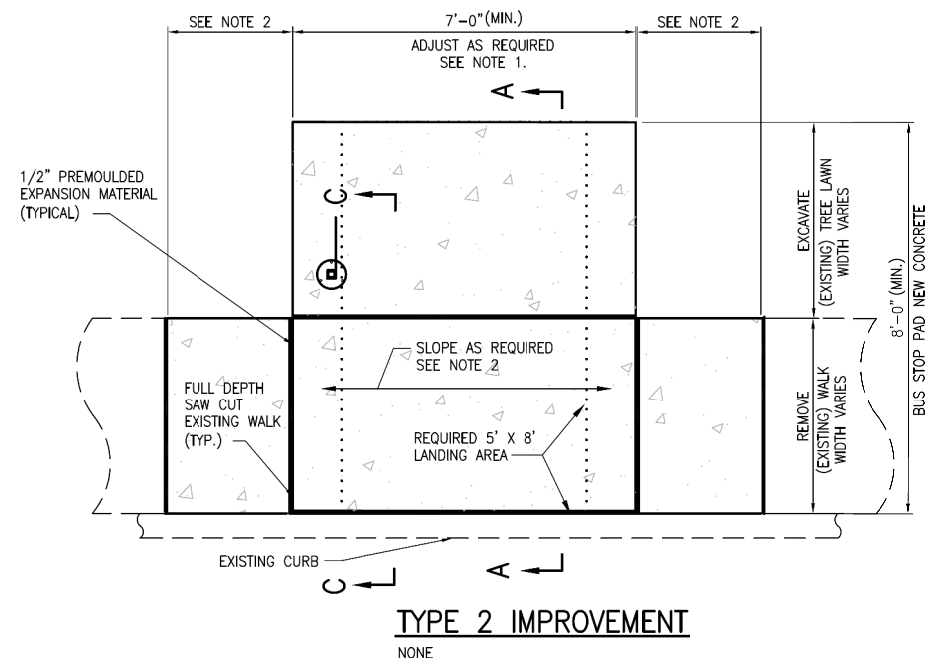
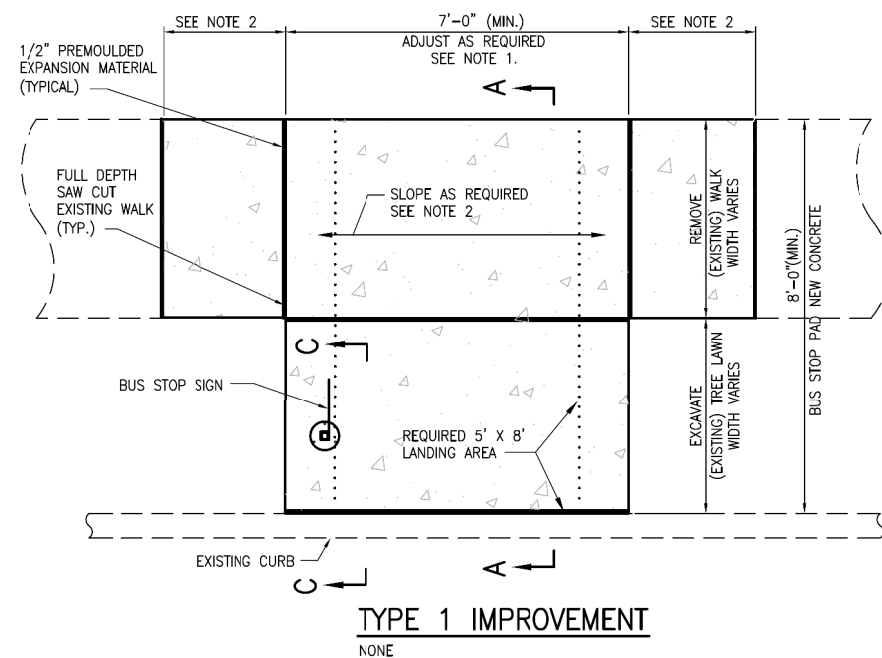
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

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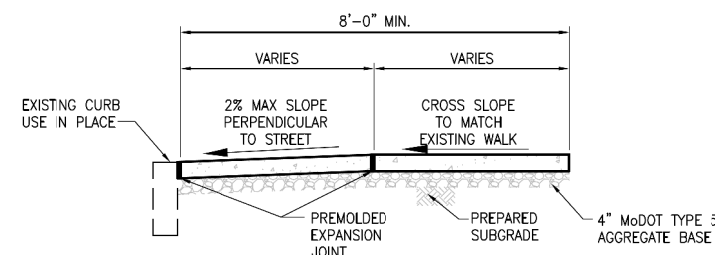
SPECIAL SHEET

ADA CURB RAMP

PAY LIMITS

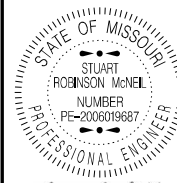


TYP. SIGN & POST DETAIL
SCALE: NONE



GENERAL NOTES:

1. NEW CONCRETE BUS STOP PAD:
 - 1A. DIMENSIONS: BUS STOP BOARDING AND ALIGHTING AREAS SHALL PROVIDE A CLEAR LENGTH OF 8'-0" MINIMUM, MEASURED PERPENDICULAR TO THE CURB OR VEHICLE ROADWAY EDGE, AND 7'-0" MINIMUM MEASURED PARALLEL TO THE VEHICLE ROADWAY.
 - 1B. SLOPE: PARALLEL TO THE ROADWAY, THE SLOPE OF THE BUS STOP BOARDING AND ALIGHTING AREA SHALL BE THE SAME AS THE ROADWAY, TO THE MAXIMUM EXTENT PRACTICABLE. PERPENDICULAR TO THE ROADWAY, THE SLOPE OF THE BUS STOP BOARDING AND ALIGHTING AREA SHALL NOT BE STEEPER THAN 2% MAX.
2. MODIFY EXISTING SIDEWALK SLOPE AS REQUIRED TO COMPLY WITH LOCAL CODES TO MEET WITH NEW BUS STOP PAD TO NEAREST SIDEWALK JOINT.
3. ALL FULL DEPTH SAW CUTS TO BE MADE AT EXISTING SIDEWALK JOINTS.
4. COMPLETE TOP SOIL BACKFILL, COMPACTION, FINISH GRADING, AND SEEDING/SODDING.
5. DO NOT PLACE CONCRETE ANCHORS FOR BENCH OR SIGN POST LESS THAN SIX (6) INCHES FROM EDGE OF CONCRETE.
6. ALL NEW CONCRETE SIDEWALK SLABS WILL BE 4" THICK, BUS STOP PADS 6" THICK WITH 4" MoDOT TYPE 5 AGGREGATE BASE.
7. SEE ST. LOUIS COUNTY STANDARD DRAWING C902.20 "METROBUS STOP/NO PARKING SIGN INSTALLATION" FOR SIGN PLACEMENT.

[illegible]

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STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED

8/20/2024

ROUTE	STATE
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340	MO
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DISTRICT	SHEET NO
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SL	50
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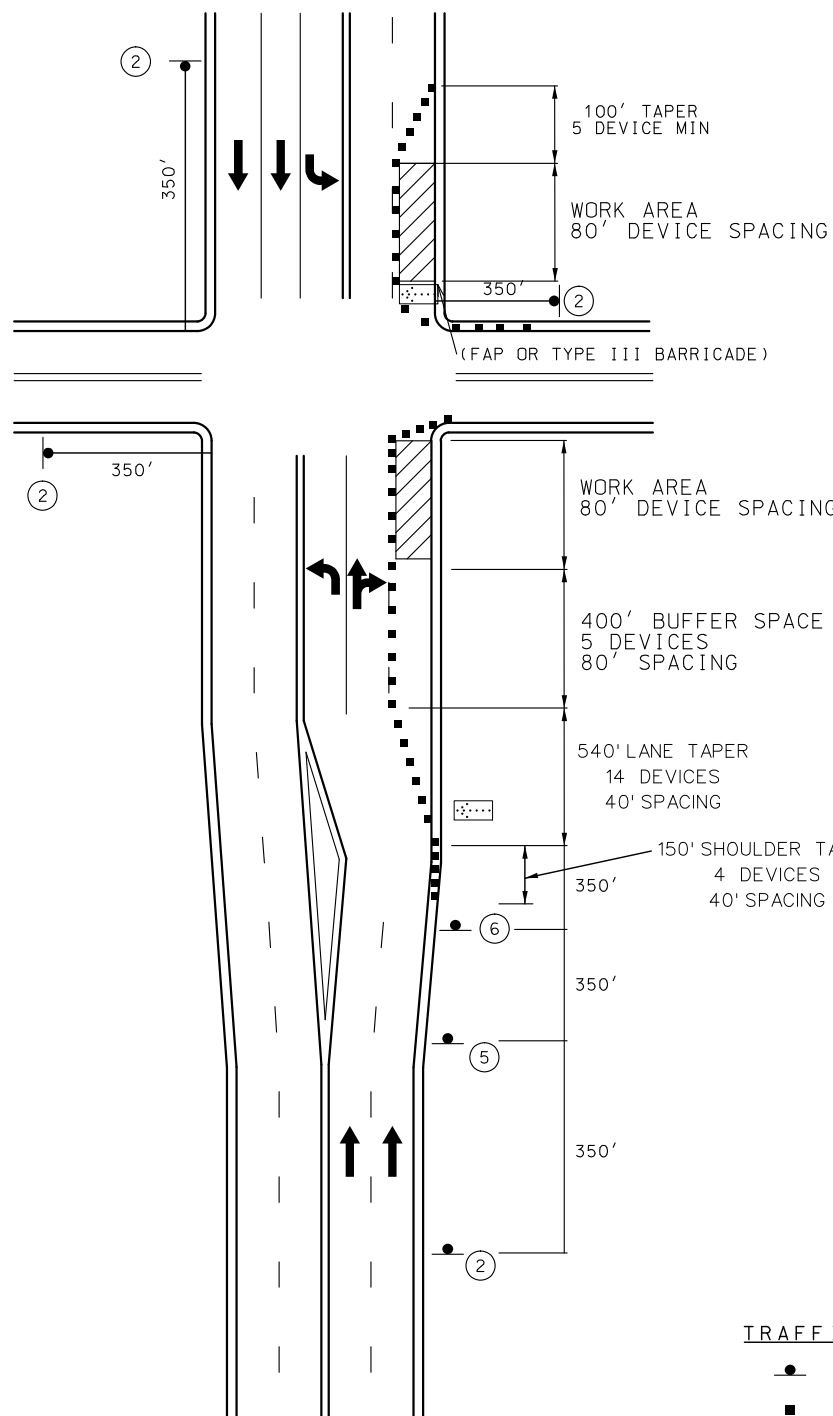
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ST. LOUIS

JOB NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



RIGHT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE



- TRAFFIC CONTROL LEGEND**
- SIGN (SINGLE SIDED)
 - CHANNELIZER (TRIM-LINE)
 - ▨ WORK AREA
 - ⬢ FLASHING ARROW PANEL

NOTES:

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

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

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES. PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

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

NOT TO SCALE

STATE OF MISSOURI

STUART ROBINSON McNEIL

NUMBER

PE-2006019687

PROFESSIONAL ENGINEER

09/21/2024 1:06:25 PM

STUART ROBINSON McNEIL - CIVIL

MO-PE-2006019687

DATE PREPARED

8/20/2024

ROUTE

340

STATE

MO

DISTRICT

SL

SHEET NO.

51

COUNTY

ST. LOUIS

JOB NO.

JSL0076

CONTRACT ID.

PROJECT NO.

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

SHEET 1 OF 10



(NORMAL SPEED)

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

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 3 OF 10



	SIGN (SINGLE SIDED)
	CHANNELIZER (TRIM-LINE)
	DIRECTIONAL INDICATOR BARRICADES (DIBS)
	WORK AREA
	FLASHING ARROW PANEL
	TYPE 3 BARRICADE



(NORMAL SPEED)



(NORMAL SPEED)

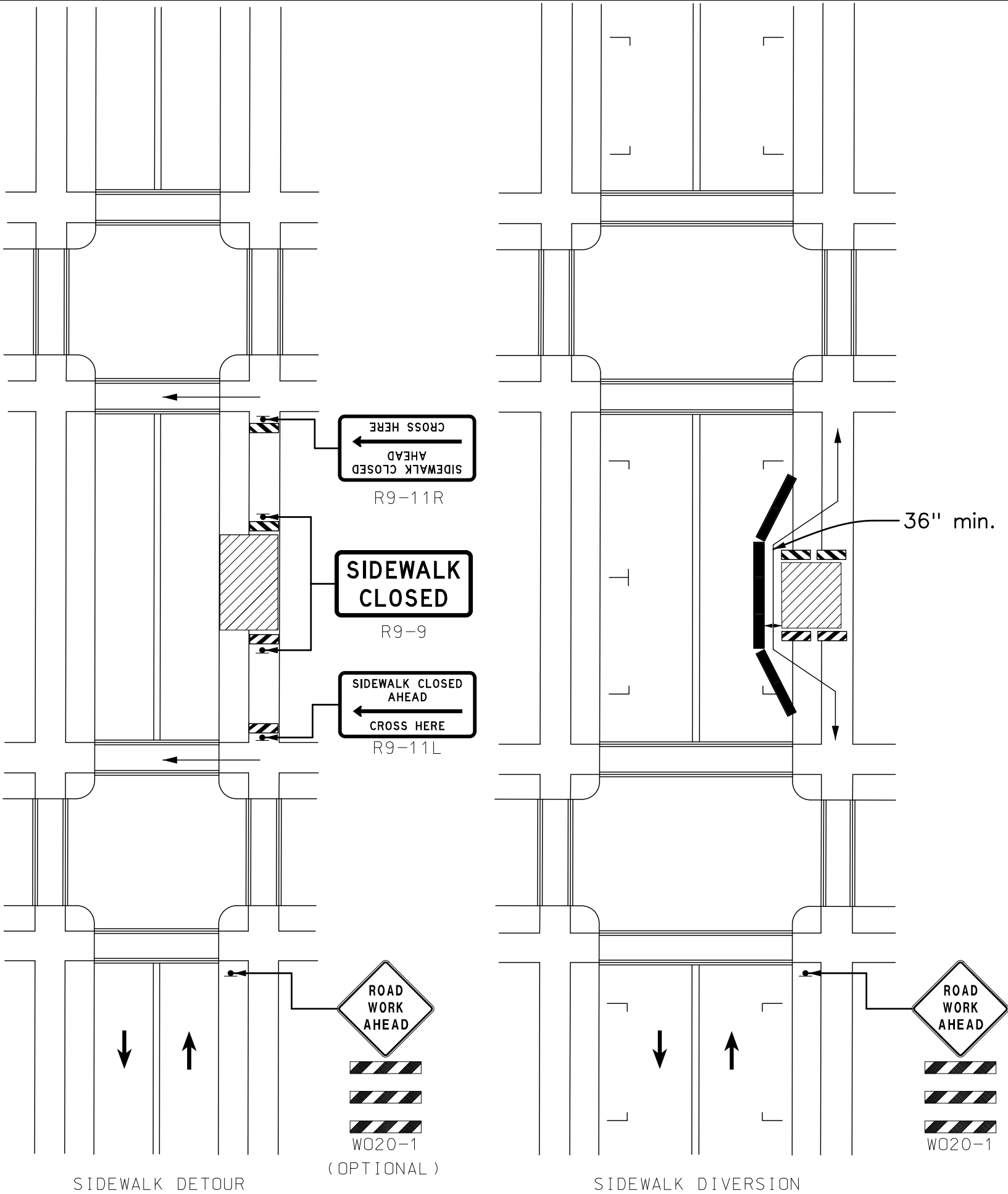


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(4) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

NOT TO SCALE





- NOTES:
1. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.
 2. WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND, IF NECESSARY, A CRASH CUSHION SHOULD BE USED TO SEPARATE SIDEWALKS FROM VEHICULAR TRAFFIC.
 3. ONLY THE TTC DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR "ROAD NARROWS" SIGNS, MAY BE USED TO CONTROL VEHICULAR TRAFFIC.
 4. SIGNS, SUCH AS "KEEP RIGHT (LEFT)", MAY BE PLACED ALONG A TEMPORARY SIDEWALK TO GUIDE OR DIRECT PEDESTRIANS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▨ WORK AREA
- ▬ LONGITUDINAL CHANNELIZING DEVICE
- ▨ TYPE III BARRICADE
- ▨ ADVANCED WARNING RAILS
- DIRECTION OF PEDESTRIAN DETOUR
- ← DIRECTION OF TRAFFIC

NOT TO SCALE

STATE OF MISSOURI

STUART ROBINSON McNEIL

NUMBER

PE-2006019687

PROFESSIONAL ENGINEER

Stuart McNeil

08/21/2024 11:07:39 PM

STUART ROBINSON McNEIL - CIVIL

MO-PE-2006019687

DATE PREPARED

8/20/2024

ROUTE

340

STATE

MO

DISTRICT

SL

SHEET NO.

55

COUNTY

ST. LOUIS

JOB NO.

JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

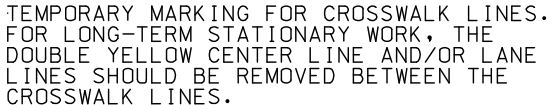
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL SHEET

SHEET 5 OF 10

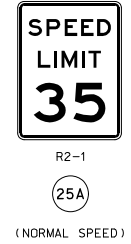
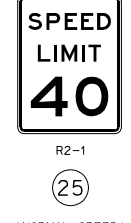
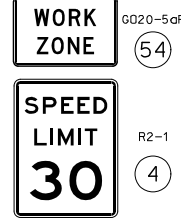
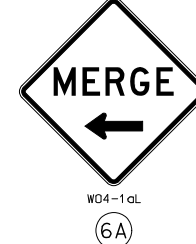
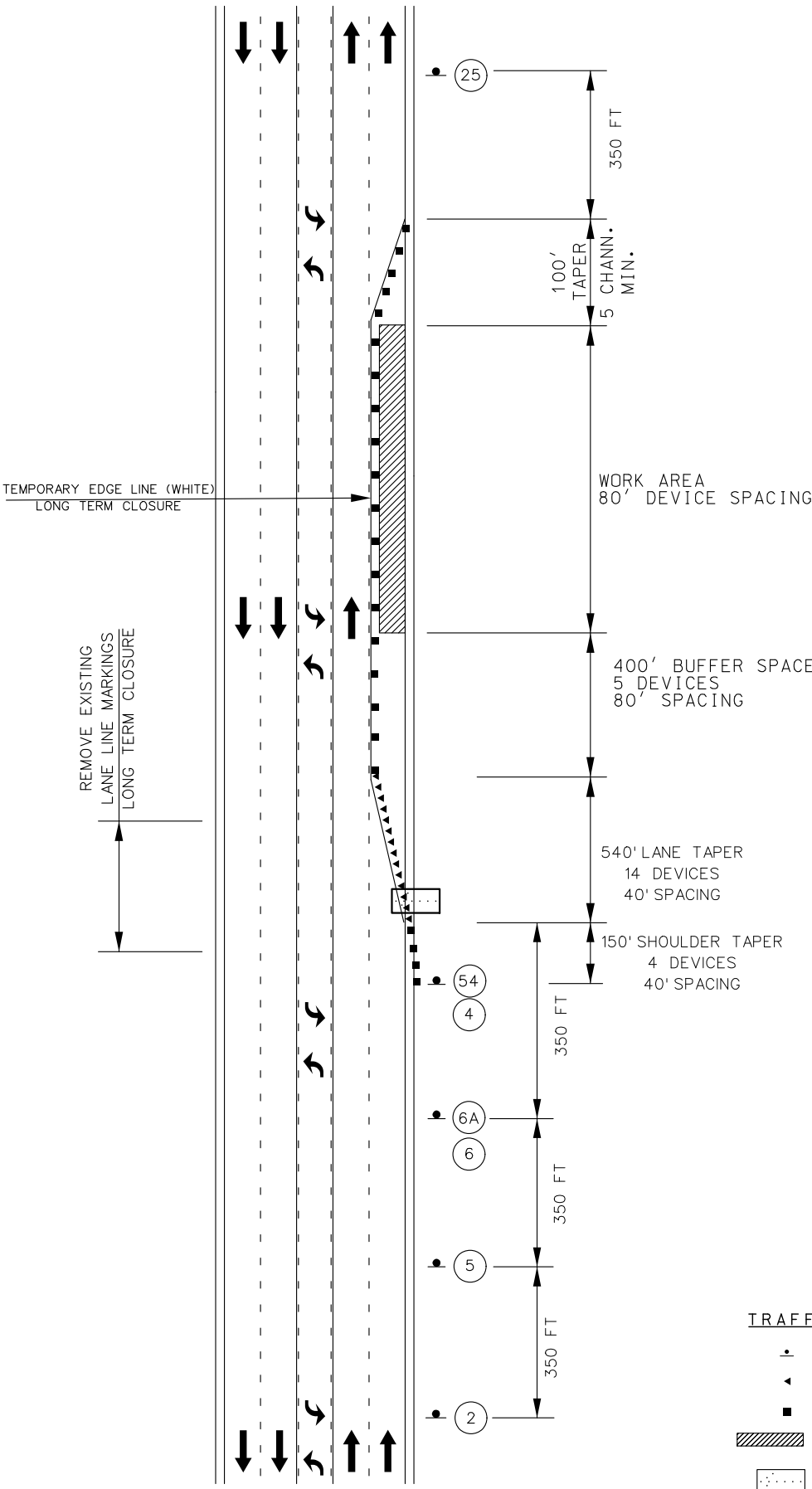


1. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.
2. CURB PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MIDBLOCK CROSSWALK.
3. AUDIBLE INFORMATION DEVICES SHOULD BE CONSIDERED WHERE MIDBLOCK CLOSINGS AND CHANGED CROSSWALK AREAS CAUSE INADEQUATE COMMUNICATION TO BE PROVIDED TO PEDESTRIANS WHO HAVE VISUAL DISABILITIES.
4. PEDESTRIAN TRAFFIC SIGNALS DISPLAYS CONTROLLING CLOSED CROSSWALKS SHOULD BE COVERED OR DEACTIVATED.
5. ONLY THE TTC DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR "ROAD NARROWS" SIGNS, MAY BE USED TO CONTROL VEHICULAR TRAFFIC.

	SIGN (SINGLE SIDED)
	WORK AREA
	TYPE III BARRICADE
	DIRECTION OF TRAFFIC
	TRAFFIC OR PEDESTRIAN SIGNAL
	ADVANCED WARNING RAILS
	CHANNELIZER (TRIM-LINE)

NOT TO SCALE

[illegible]



- TRAFFIC CONTROL LEGEND
- SIGN (SINGLE SIDED)
 - ◀ DIRECTIONAL INDICATOR BARRICADE
 - CHANNELIZER (TRIM-LINE)
 - ▨ WORK AREA
 - ◻ FLASHING ARROW PANEL

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.

STATE OF MISSOURI

STUART ROBINSON MOORE

NUMBER PE-2006019687

PROFESSIONAL ENGINEER

08/21/2024 1:27:08 PM

STUART ROBINSON MOORE - CIVIL

MO-PE-2006019687

DATE PREPARED

8/20/2024

ROUTE

340

DISTRICT

SL

STATE

MO

SHEET NO.

57

COUNTY

ST. LOUIS

JOB NO.

JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

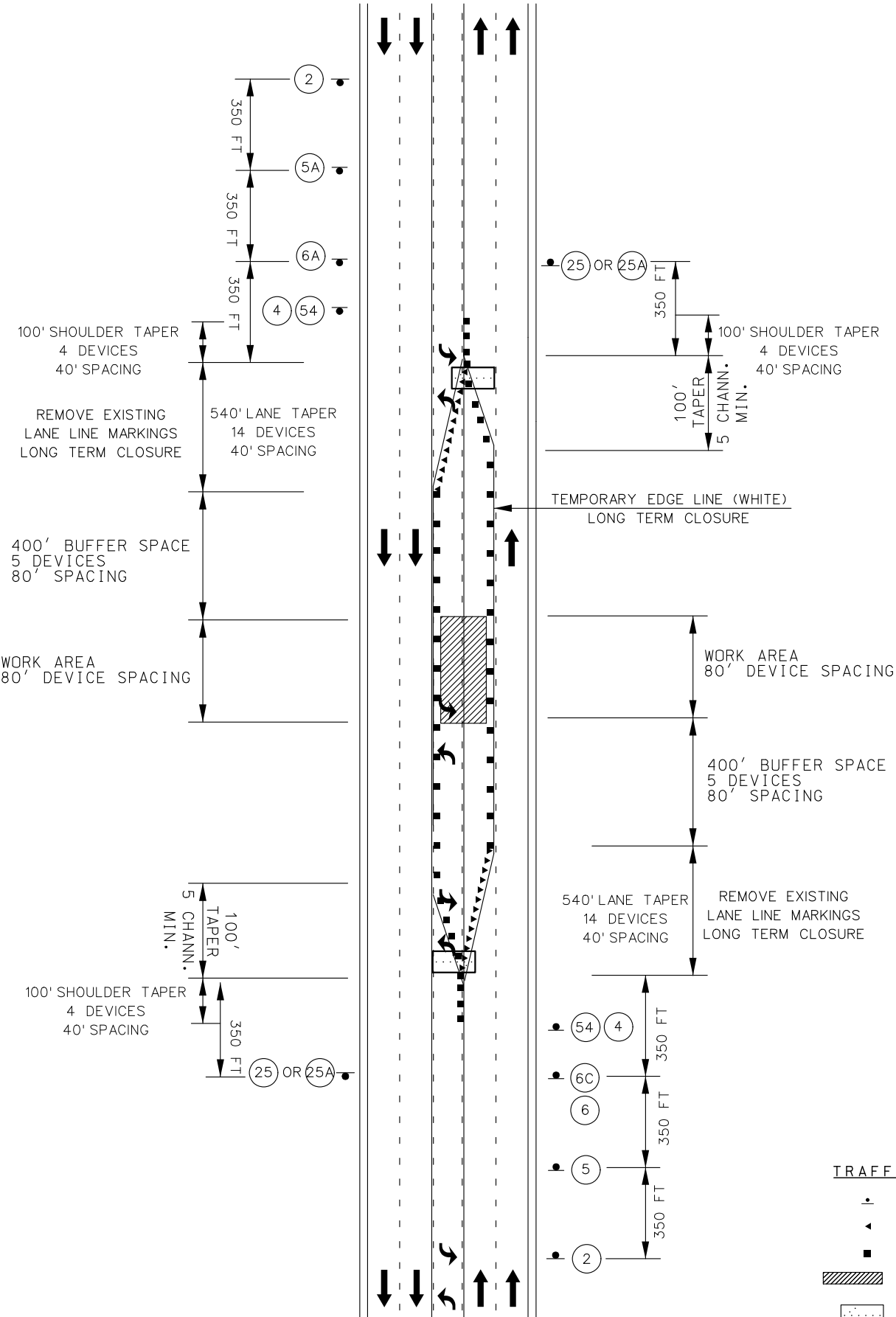
JEFFERSON CITY, MO 65102

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TRAFFIC CONTROL SHEET

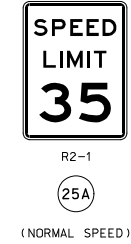
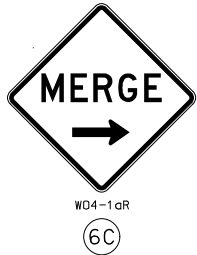
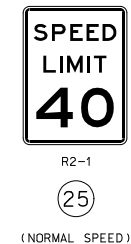
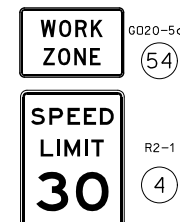
SHEET 7 OF 10

NOT TO SCALE



NOT TO SCALE
STATIONARY LANE CLOSURE
ON A MULTI-LANE HIGHWAY

- TRAFFIC CONTROL LEGEND
- SIGN (SINGLE SIDED)
 - ◄ DIRECTIONAL INDICATOR BARRICADE
 - CHANNELIZER (TRIM-LINE)
 - ▨ WORK AREA
 - ⋯ FLASHING ARROW PANEL



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.

STATE OF MISSOURI

STUART ROBINSON MAHEI

NUMBER

PE-2006019687

PROFESSIONAL ENGINEER

08/21/2024 1:27:21 PM

STUART ROBINSON MAHEI - CIVIL

MO-PE-2006019687

DATE PREPARED

8/20/2024

ROUTE

340

DISTRICT

SL

STATE

MO

SHEET NO.

58

COUNTY

ST. LOUIS

JOB NO.

JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

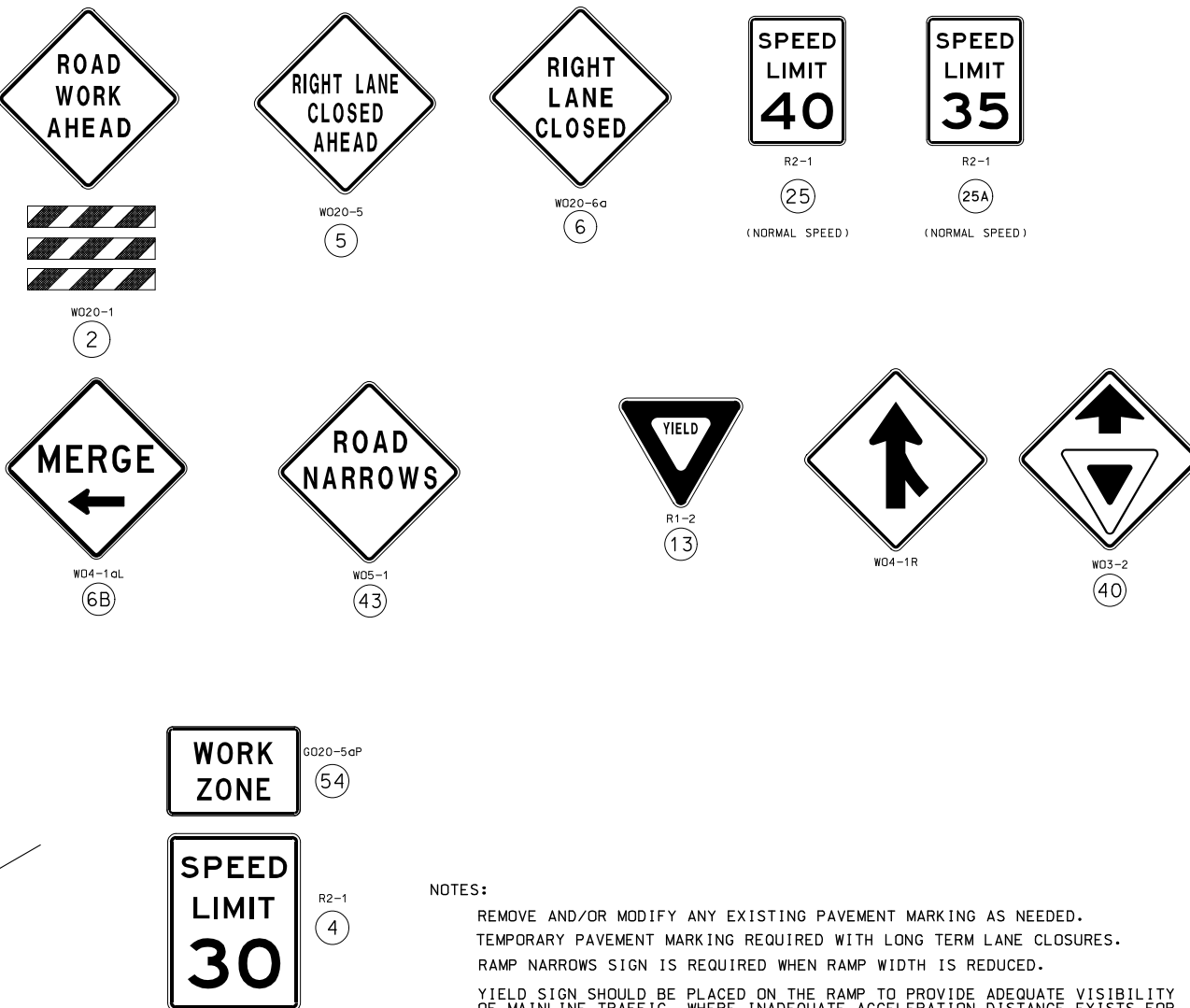
JEFFERSON CITY, MO 65102

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MoDOT

TRAFFIC CONTROL SHEET

SHEET 8 OF 10



NOTES:

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.

YIELD SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC. WHEN INADEQUATE ACCELERATION DISTANCE EXISTS FOR THE TEMPORARY ENTRANCE, THE YIELD SIGN SHALL BE REPLACED WITH STOP SIGN (ONE ON EACH SIDE OF THE APPROACH).

FOR RAMPS WITH SHARP CURVES OR MULTIPLE LANES, RAMP SIGNS MAY BE PLACED ON BOTH SIDES OF THE RAMP.

THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORISTS ON THE RAMP.

- ### TRAFFIC CONTROL LEGEND
- | | |
|---|-------------------------------------|
|  | SIGN (SINGLE SIDED) |
|  | CHANNELIZER (TRIM-LINE) |
|  | WORK AREA |
|  | FLASHING ARROW PANEL |
|  | DIRECTIONAL INDICATOR
BARRICADES |

WORK IN THE VICINITY
OF AN ENTRANCE RAMP

NOT TO SCALE

[illegible]



NOTES:

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

PROTECTIVE TRUCKS AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

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

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

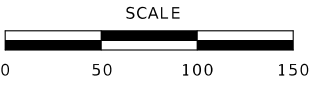
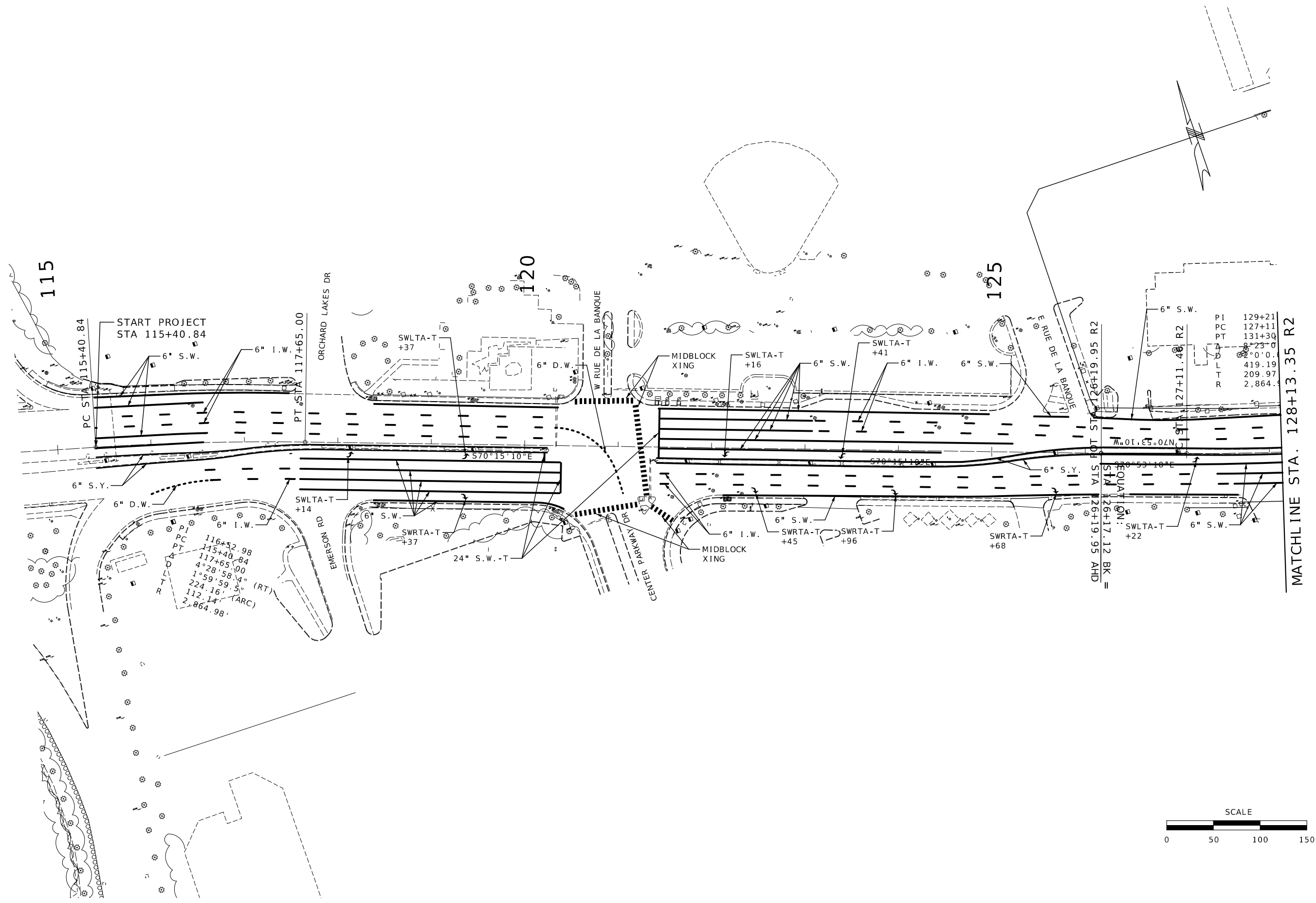
FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

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

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2) WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR SPACING SHOWN, WHICH EVER IS GREATER.

[illegible]



STATE OF MISSOURI

STUART ROBINSON MOORE

NUMBER
PE-2006019687

PROFESSIONAL ENGINEER

Stuart Robinson Moore

08/21/2024 1:27:56 PM

STUART ROBINSON MOORE - CIVIL

MO-PE-2006019687

DATE PREPARED
8/20/2024

ROUTE
340

STATE
MO

DISTRICT
SL

SHEET NO.
61

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

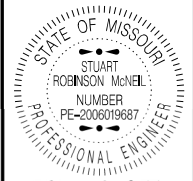
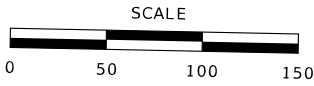
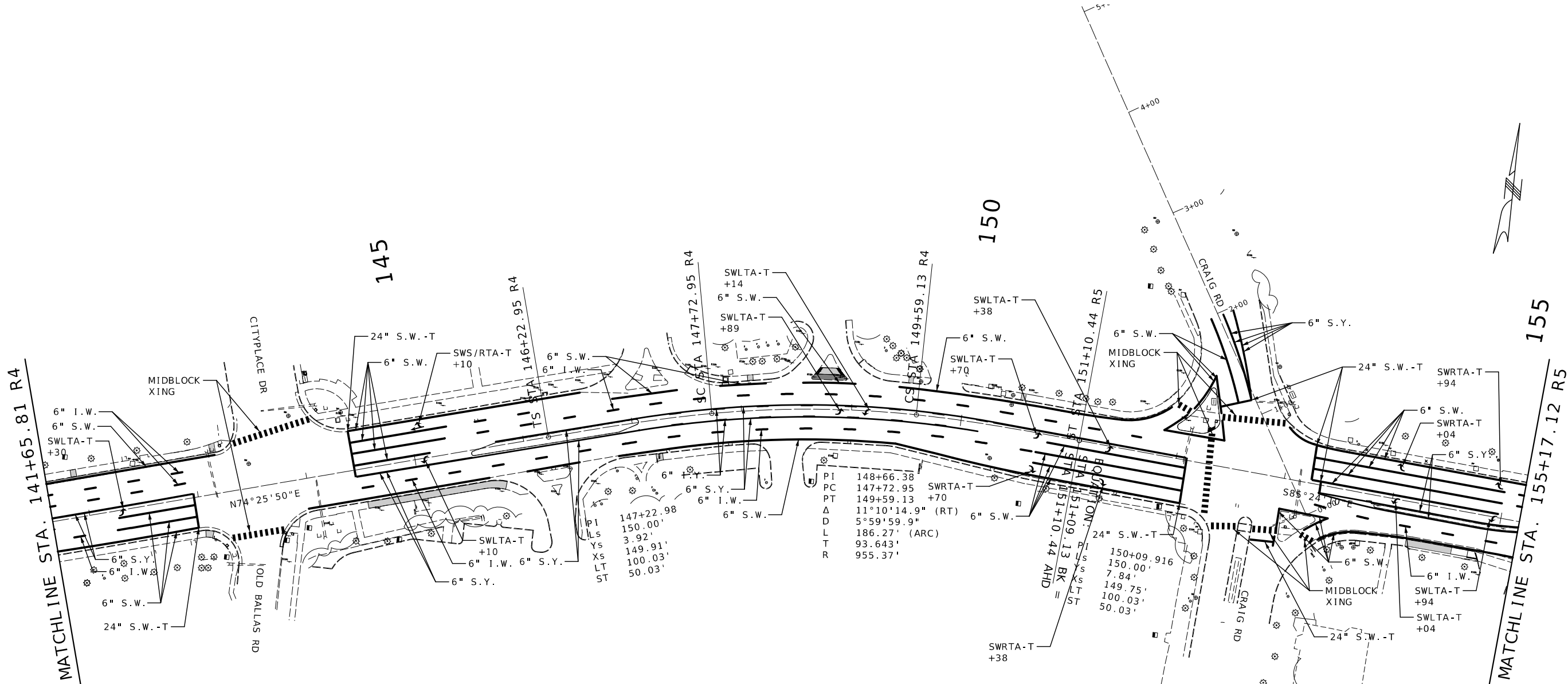
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

PAVEMENT MARKING SHEET
SHEET 1 OF 17



DATE PREPARED
8/20/2024

ROUTE 340 STATE MO
DISTRICT SL SHEET NO. 63
COUNTY ST. LOUIS

JOB NO. JSL0076
CONTRACT ID.

PROJECT NO.

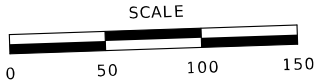
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

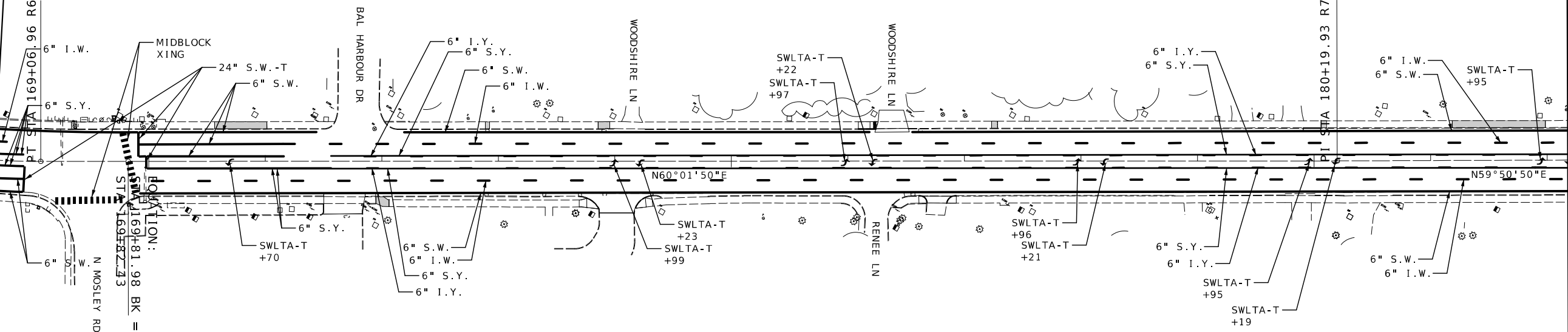
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PAVEMENT MARKING SHEET
SHEET 3 OF 17

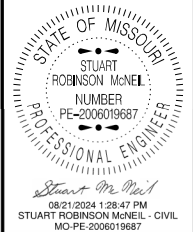
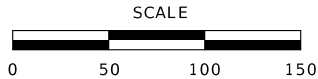


PAVEMENT MARKING SHEET
SHEET 4 OF 17

MATCHLINE STA. 168+67.25 R6



MATCHLINE STA. 182+17.70 R7

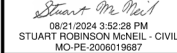
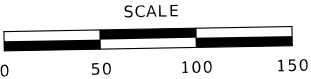


DATE PREPARED 8/20/2024	
ROUTE 340	STATE MO
DISTRICT SL	SHEET NO. 65
COUNTY ST. LOUIS	
JOB NO. JSL0076	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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1
JEFFERSON



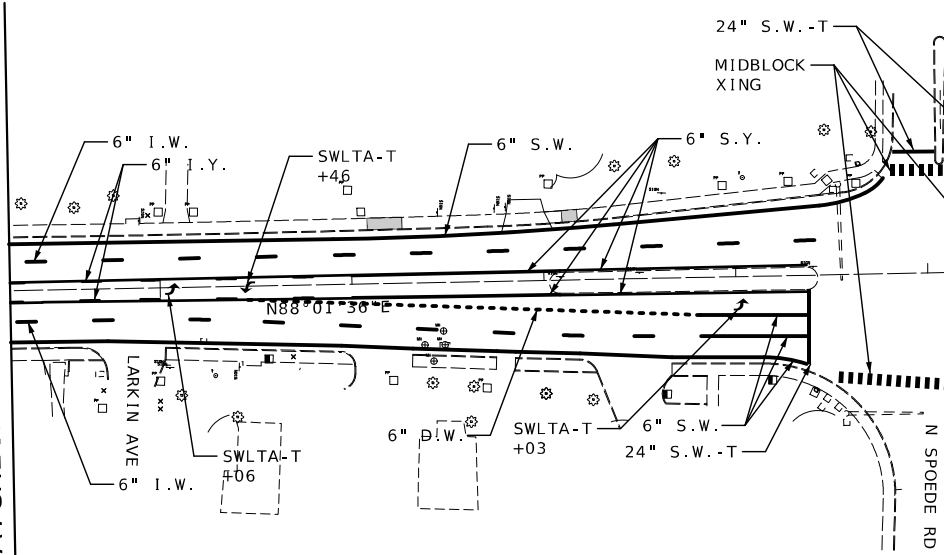
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SHEET

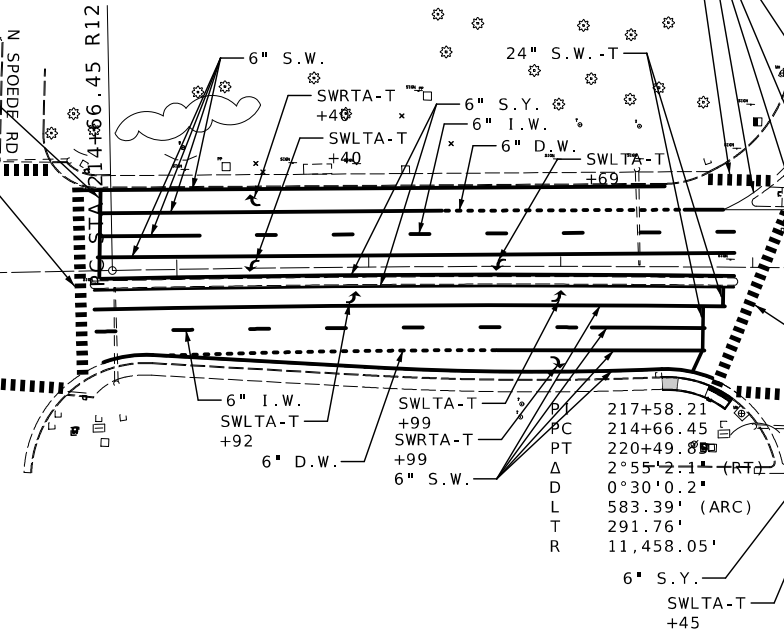
MARKING SCHEME
T 7 OF 17PAVEMENT
SHEET

MATCHLINE STA. 209+21.83 R11

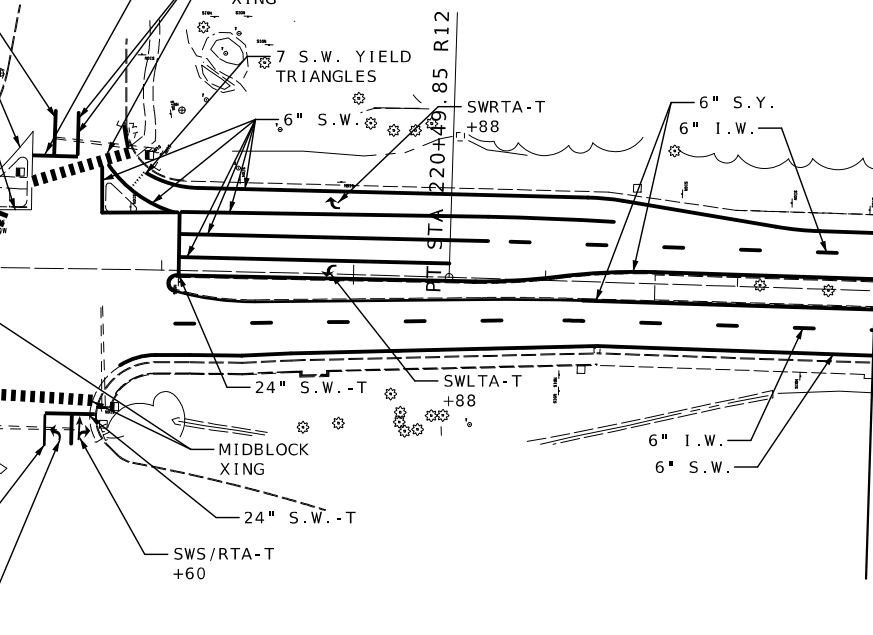
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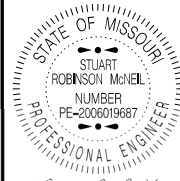
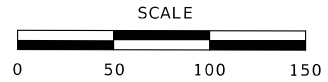
215



220



MATCHLINE STA. 222+71.83 R12



DATE PREPARED
8/20/2024

ROUTE 340 STATE MO
DISTRICT SL SHEET NO. 68

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

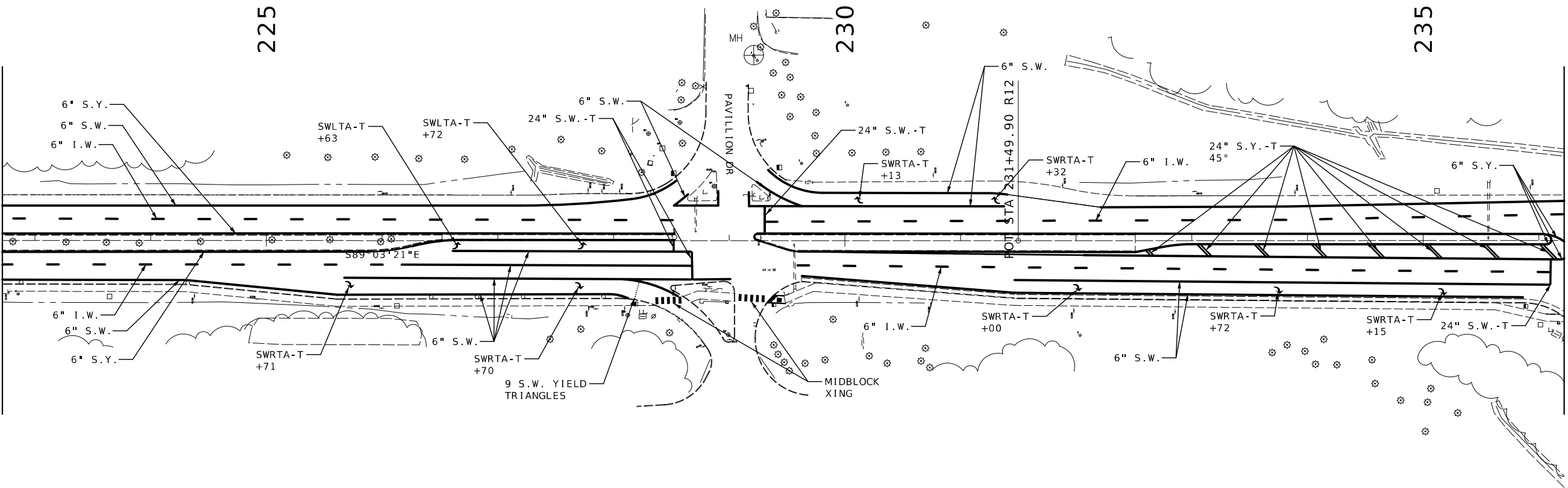
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

PAVEMENT MARKING SHEET
SHEET 8 OF 17

MATCHLINE STA. 222+71.83 R12



MATCHLINE STA. 236+21.83 R12



DATE PREPARED
8/20/2024

ROUTE	STATE
340	MO
DISTRICT	SHEET NO.
SL	69

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

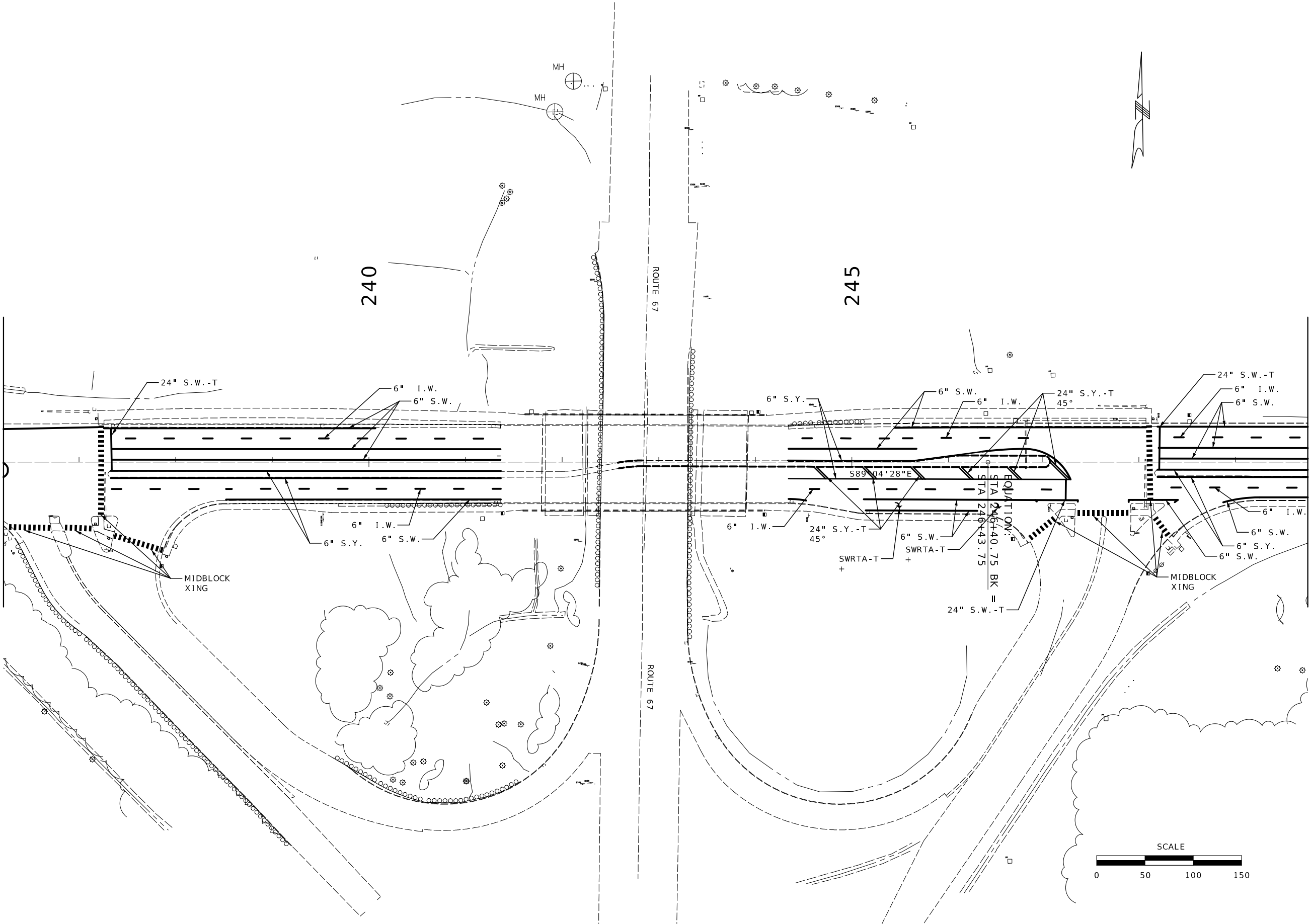
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKING SHEET
SHEET 9 OF 17

MATCHLINE STA. 236+21.83 R12



MATCHLINE STA. 249+74.83 R13

STATE OF MISSOURI

STUART

ROBINSON MOORE

NUMBER

PE-2006019687

PROFESSIONAL ENGINEER

Stuart Robinson Moore

08/21/2024 3:53:01 PM

STUART ROBINSON MOORE - CIVIL

MO-PE-2006019687

DATE PREPARED

8/20/2024

ROUTE

340

STATE

MO

DISTRICT

SL

SHEET NO.

70

COUNTY

ST. LOUIS

JOB NO.

JSL0076

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

PAVEMENT MARKING SHEET

SHEET 10 OF 17

MATCHLINE STA. 249+74.83 R13

250

255

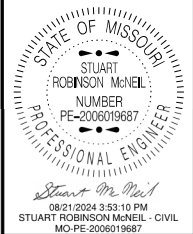
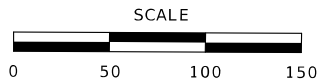
260

OLD OLIVE STREET ROAD

MIDBLOCK XING

MIDBLOCK XING

MATCHLINE STA. 263+24.83 R13



DATE PREPARED 8/20/2024	
ROUTE 340	STATE MO
DISTRICT SL	SHEET NO. 71
COUNTY ST. LOUIS	
JOB NO. JSL0076	
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)

MATCHLINE STA. 263+24.83 R13

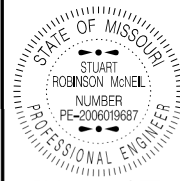
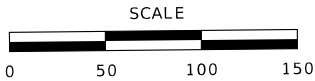
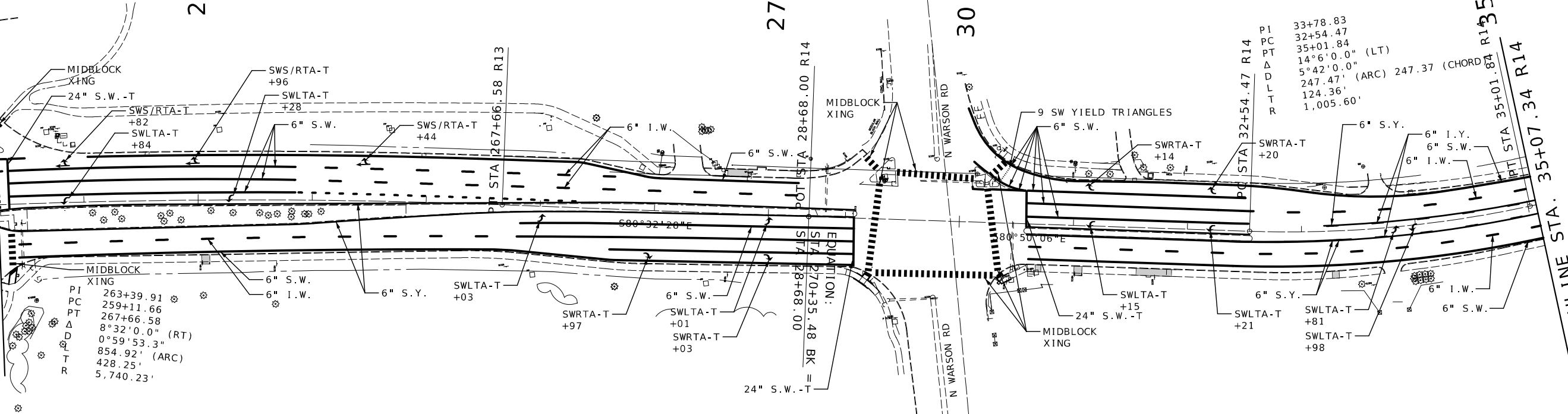
265

270

30

35

MATCHLINE STA. 35+07.34 R14



DATE PREPARED
8/20/2024

ROUTE 340
STATE MO
DISTRICT SL
SHEET NO. 72

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

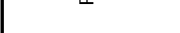
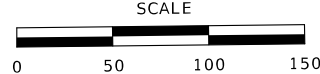
PROJECT NO.

BRIDGE NO.

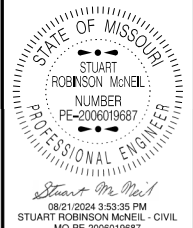
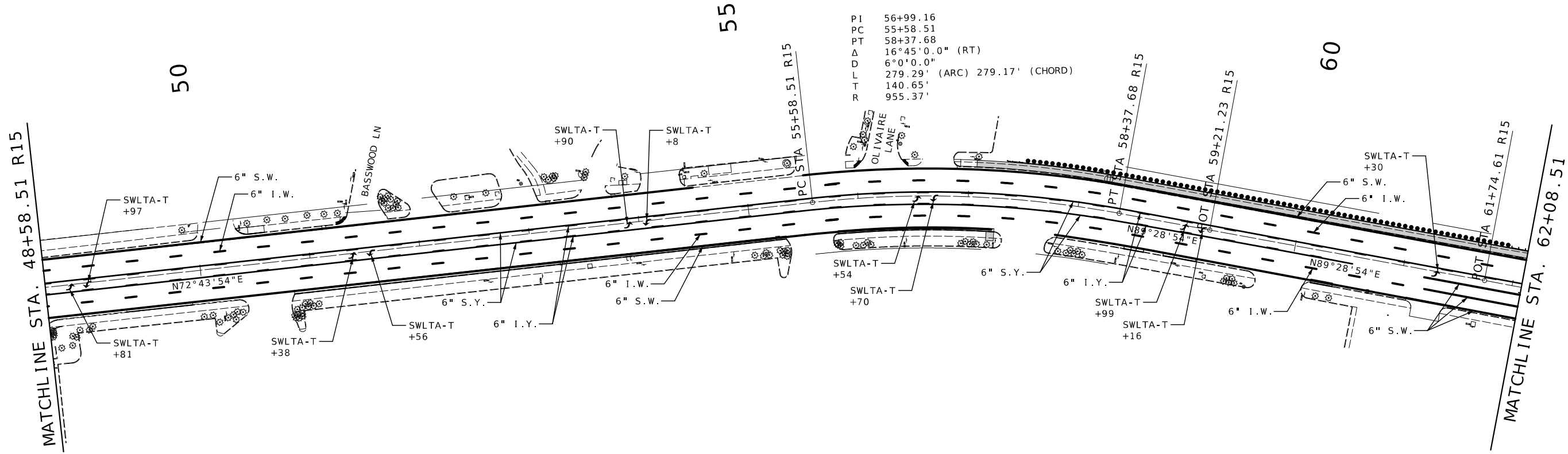
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



PAVEMENT MARKING SHEET
SHEET 13 OF 17



DATE PREPARED 8/20/2024	
ROUTE 340	STATE MO
DISTRICT SL	SHEET NO. 74
COUNTY ST. LOUIS	
JOB NO. JSL0076	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

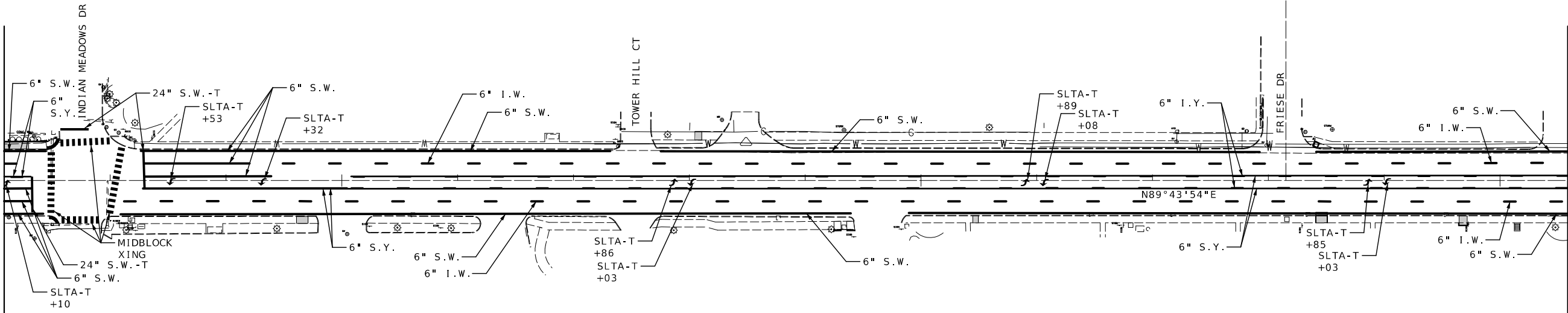
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

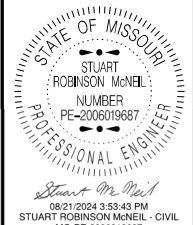
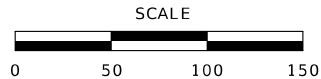
MoDOT

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

MATCHLINE STA. 62+08.51 R15



MATCHLINE STA. 75+58.51 R15



DATE PREPARED 8/20/2024	
ROUTE 340	STATE MO
DISTRICT SL	SHEET NO. 75
COUNTY ST. LOUIS	
JOB NO. JSL0076	
CONTRACT ID.	

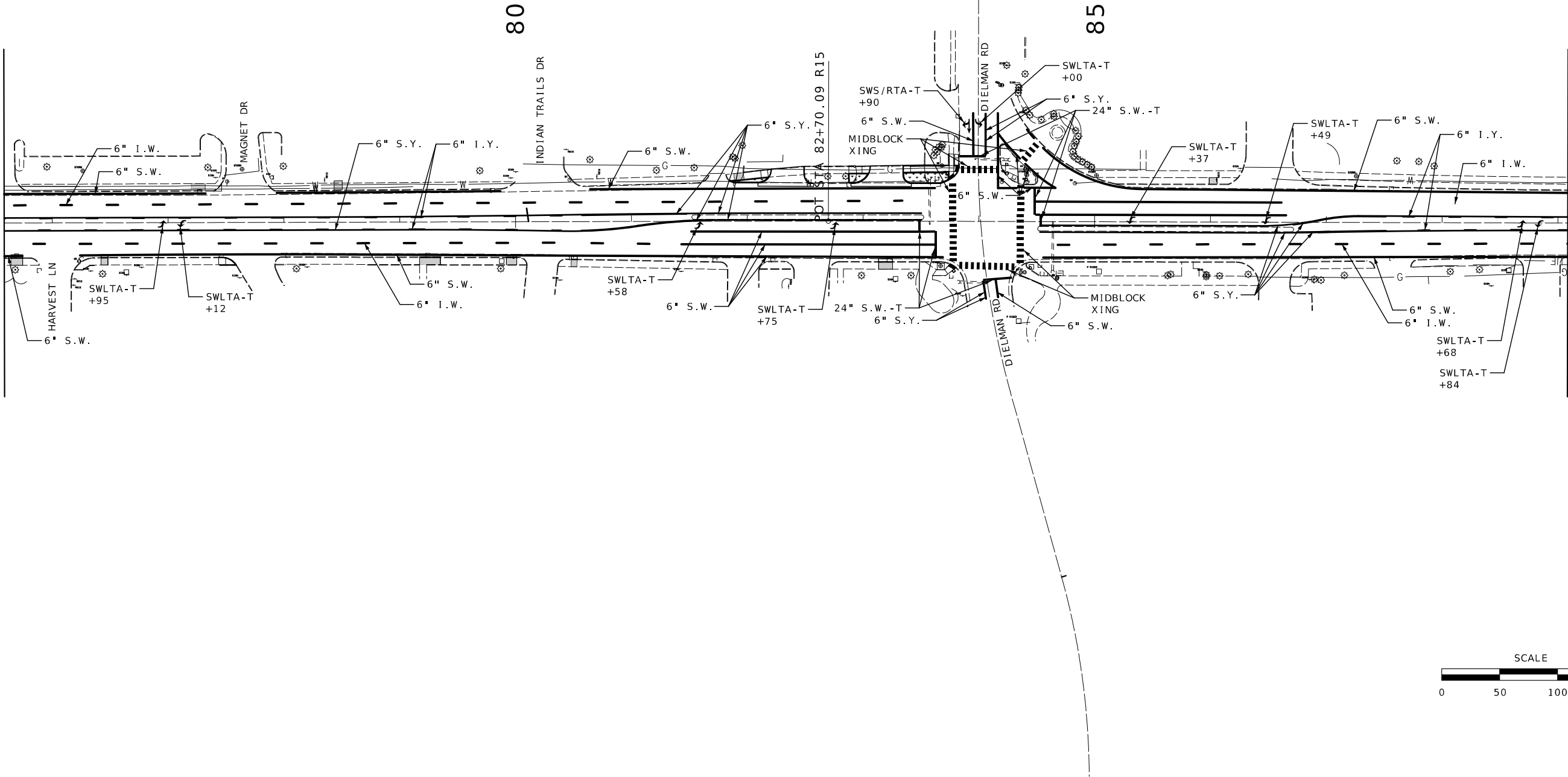
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

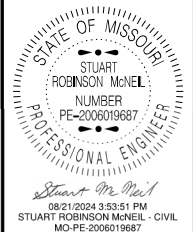
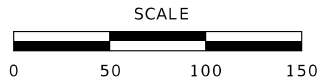
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MATCHLINE STA. 75+58.51 R15



MATCHLINE STA. 89+08.51 R15



DATE PREPARED 8/20/2024	
ROUTE 340	STATE MO
DISTRICT SL	SHEET NO. 76
COUNTY ST. LOUIS	
JOB NO. JSL0076	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

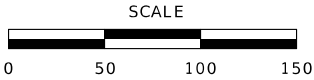
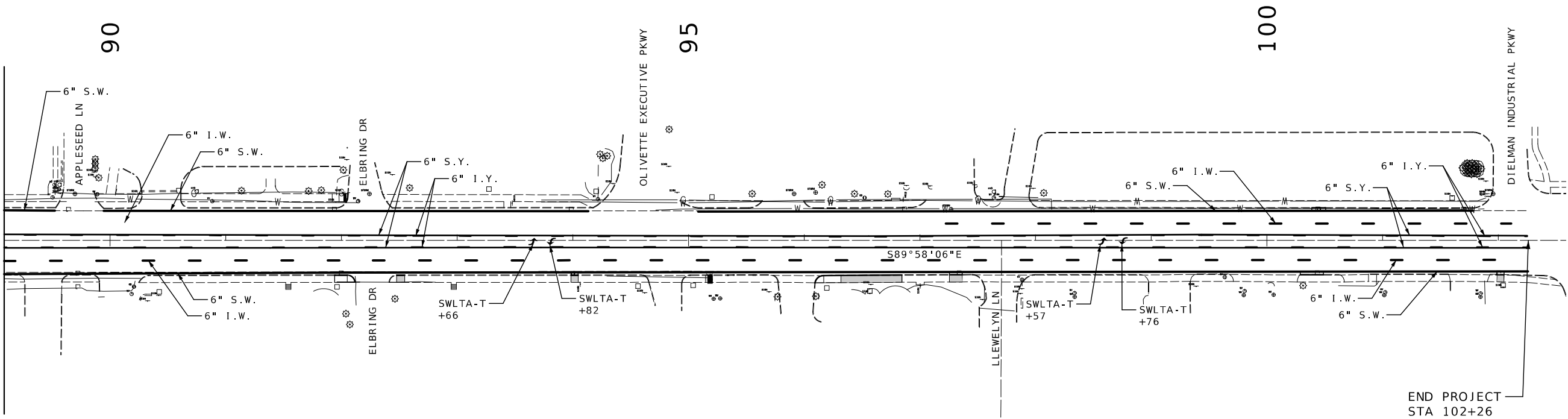
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

MATCHLINE STA. 89+08.51 R15



DATE PREPARED
8/20/2024

ROUTE	STATE
340	MO
DISTRICT	SHEET NO.
SL	77

COUNTY
ST. LOUIS

JOB NO.
JSL0076

CONTRACT ID.

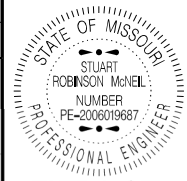
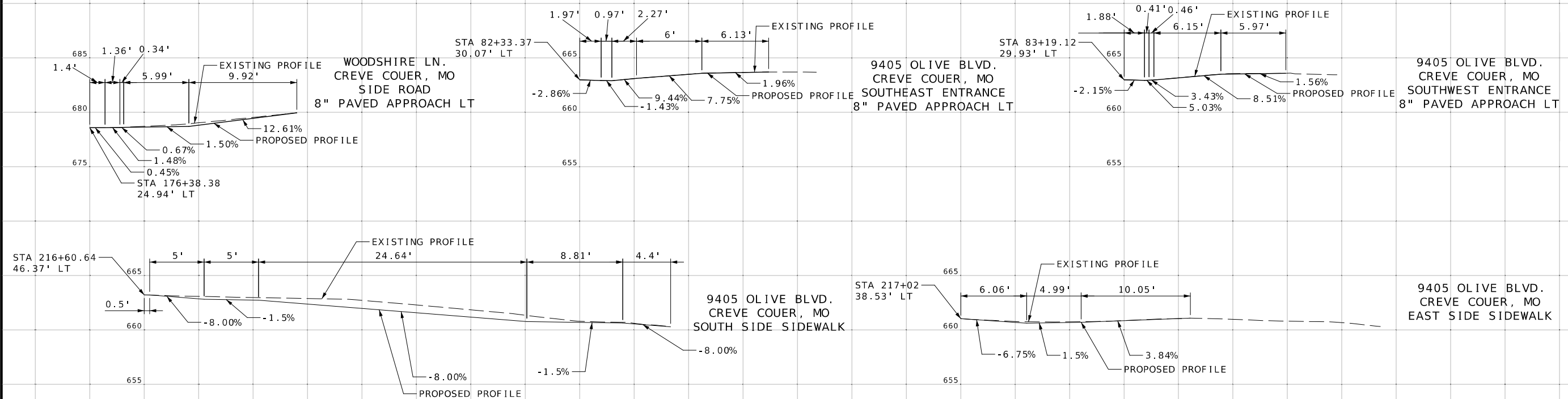
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



08/21/2024 3:54:10 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/20/2024

ROUTE	STATE
340	MO

DISTRICT	SHEET NO.
SI	78

SE 79
COUNTY
ST LOUIS

JOB NO.
161 0076

JSL0076
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)

SPECIAL SHEET
ENTRANCE AND
SIDEWALK PROFILES