

DESIGN DESIGNATION

ROUTE 141
 A.A.D.T. - 2025 = 32201
 A.A.D.T. - 2045 = 39291
 D.H.V. = 10%
 T = 5%
 V = 50 M.P.H.
 D = 50%
 FUNCTIONAL CLASSIFICATION- EXPRESSWAY

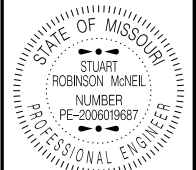
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 PLANS FOR PROPOSED
 STATE HIGHWAY
 ST. LOUIS COUNTY

ROUTE 141

N OF ST. LUKE'S HOSPITAL RD TO I-64

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
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DATE PREPARED
 11/21/2024
 ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 1
 COUNTY ST. LOUIS
 JOB NO. JSL0078
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

NOT TO SCALE



BEG. LM 11.320
 STA. 94+92.87



NO ADDITIONAL R/W WILL BE ACQUIRED 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		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

FOR NB :
 END LM 12.261
 STA. 147+35.88
 FOR SB :
 END LM 12.64
 STA. 166+05.99

PAVEMENT RESURFACING

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.

DISCLAIMER
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LENGTH OF PROJECT

ROUTE 141 NB
 BEGINNING OF PROJECT STA. 94 + 92.87
 END OF PROJECT STA. 147 + 35.88
 NET LENGTH OF PROJECT 5243.01 FEET
 STATE LENGTH 0.993 MILES

ROUTE 141 SB
 BEGINNING OF PROJECT STA. 94 + 92.87
 END OF PROJECT STA. 166 + 05.99
 NET LENGTH OF PROJECT 7113.12 FEET
 STATE LENGTH 1.347 MILES

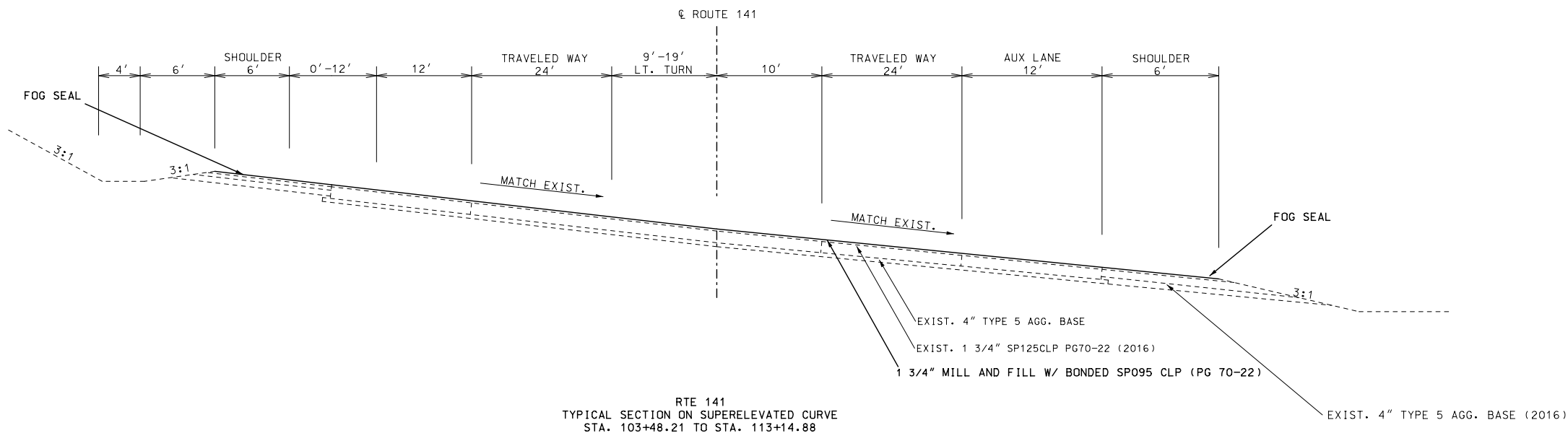
FOR INFORMATION ONLY 0.40 ACRES
 ESTIMATED DISTURBED ACRES

DATE	DESCRIPTION

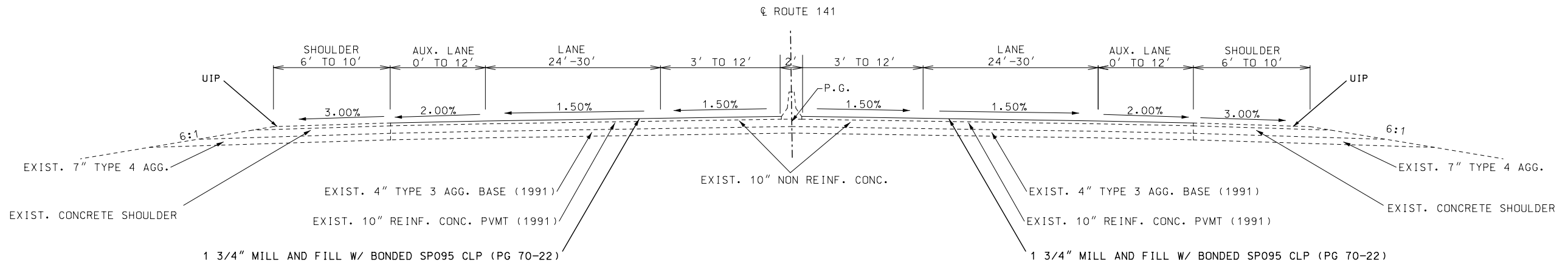
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

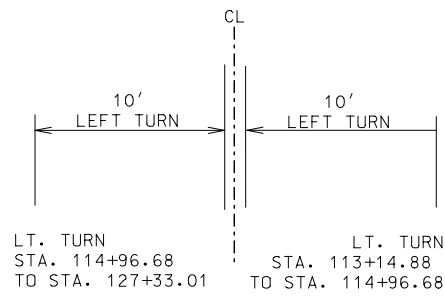
TITLE SHEET



RTE 141
TYPICAL SECTION ON SUPERELEVATED CURVE
STA. 103+48.21 TO STA. 113+14.88

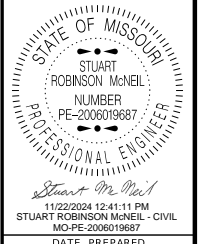


RTE 141 NB/SB
TYPICAL SECTION ON TANGENT
STA. 113+14.88 TO STA. 147+35.88



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NOT TO SCALE



DATE PREPARED 11/21/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY ST. LOUIS	
JOB NO. JSL0078	
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 3 OF 4

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM							
PLAN SHEET NO.	STATION	STATION	LOC				DESCRIPTION
				LF	SF	EA	
6,7	101+92.5	108+14.4	141 LT	637.5			GUARDRAIL
8,9	115+00.0	121+49.0	141 LT	675.0			GUARDRAIL
10,11	121+38.4	131+86.8	141 RT	1050.0			GUARDRAIL
12,13	133+31.4	136+99.6	141 LT	387.5			GUARDRAIL
13,14	136+80.0	141+00.0	141 LT	412.5			GUARDRAIL
14	142+73.9	144+19.8	141 LT	150.0			GUARDRAIL
4,15	VAR.	VAR.	141		5000.0		SAWCUTS
VAR.	VAR.	VAR.	141			10	ADOPT A HWY SIGNS & POSTS
VAR.	VAR.	VAR.	141			26	EXIST. IN-PVMT WIRELESS SENSORS REMOVAL AND DISPOSAL
				1 LUMP SUM			

TEMPORARY EROSION CONTROL											
SHEET NO.	ROUTE	STATION	STATION	AREA SF.	SILT FENCE	MULCHING	SEEDING COOL SEASON MIXTURES	ROCK DITCH CHECK	CURB INLET CHECK	SEDIMENT REMOVAL	REMARKS
					L.F.	(TOTAL IN ACRES)	(TOTAL IN ACRES)	L.F.	EA.	C.Y.	
6	141	VAR	VAR	6750.0	662.5	6750.0	6750.0			6.6	
6	141	VAR	VAR	1225.0	110.0	1225.0	1225.0			1.1	
6,7	141	VAR	VAR	6750.0	662.5	6750.0	6750.0			6.6	
8,9	141	VAR	VAR	7375.0	725.0	7375.0	7375.0			7.3	
10,11	141	VAR	VAR	10625.0	1050.0	10625.0	10625.0			10.5	
12,13	141	VAR	VAR	4000.0	387.5	4000.0	4000.0			3.9	
13,14	141	VAR	VAR	4250.0	412.5	4250.0	4250.0			4.1	
14	141	VAR	VAR	1625.0	150.0	1625.0	1625.0			1.5	
TOTALS					4160.0	1.0	1.0	20.0	2.0	63.6	
PAY TOTALS					4160.0	1.0	1.0	20.0	2.0	64.0	

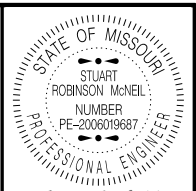
**TO BE USED AS DETERMINED BY ENGINEER

MOBILIZATION - 1 LUMP SUM

TEMPORARY PAVEMENT MARKING PAINT - 1 LUMP SUM

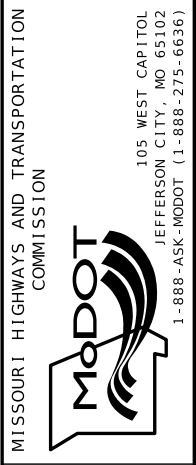
PAVEMENT MARKING REMOVAL WITHIN CONCRETE SURFACES - 1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 5

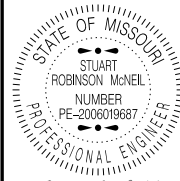


DATE PREPARED
11/21/2024
ROUTE
141
STATE
MO
DISTRICT
SL
SHEET NO.
3
COUNTY
ST. LOUIS
JOB NO.
JSL0078
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE



SUMMARY OF QUANTITIES



11/22/2024 12:41:58 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/21/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 3

COUNTY
ST. LOUIS

JOB NO.
JSL0078

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

PAVEMENT REPAIRS (1 OF 2)												
LOG MILE	RDWY	DIRECTION	WIDTH	LENGTH	FULL DEPTH PAVEMENT REPAIR							DESCRIPTION (LANE NUMBER)
					FURNISHING & PLACING CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR	SUBGRADE COMPACTION (6 IN DEPTH) PAVEMENT REPAIR	TYPE 1 OR 5 AGGREGATE FOR BASE (4 IN THICK)	FULL DEPTH PAVEMENT REPAIR SAW CUT	DOWEL BAR FOR FULL DEPTH PAVEMENT REPAIR	TIE BAR FOR FULL DEPTH PAVEMENT REPAIR		
					S.Y.	S.Y.	S.Y.	L.F.	EA.	EA.		
11.317	141	SB	14	6	9.3	0.9	0.9	40.00	28.0		2	
11.322	141	SB	12	8	10.7	1.1	1.1	40.00	24.0		1	
11.324	141	SB	14	6	9.3	0.9	0.9	40.00	28.0		2	
11.417	141	SB	3	44	14.7	1.5	1.5	94.00	6.0	88.0	3	
11.703	141	SB	3	30	10.0	1.0	1.0	66.00	6.0	60.0	2	
11.929	141	SB	3	6	2.0	0.2	0.2	18.00	6.0		1	
11.932	141	SB	3	8	2.7	0.3	0.3	22.00	6.0		1	
11.935	141	SB	8	6	5.3	0.5	0.5	28.00	16.0		2	
11.938	141	SB	3	6	2.0	0.2	0.2	18.00	6.0		1	
11.951	141	SB	10	6	6.7	0.7	0.7	32.00	20.0		2	
11.963	141	SB	3	34	11.3	1.1	1.1	74.00	6.0	68.0	3	
12.175	141	SB	3	15	5.0	0.5	0.5	36.00	6.0		3	
12.190	141	SB	3	12	4.0	0.4	0.4	30.00	6.0		3	
12.243	141	SB	3	45	15.0	1.5	1.5	96.00	6.0	45.0	4	
18.597	141	NB	20	12	26.7	2.7	2.7	64.00	40.0		1	
18.597	141	NB	12	6	8.0	0.8	0.8	36.00	24.0		2	
18.616	141	NB	3	10	3.3	0.3	0.3	26.00	6.0		1	
18.645	141	NB	12	6	8.0	0.8	0.8	36.00	24.0		2	
18.646	141	NB	4	20	8.9	0.9	0.9	48.00	8.0	20.0	3	
18.648	141	NB	8	6	5.3	0.5	0.5	28.00	16.0		3	
18.683	141	NB	8	12	10.7	1.1	1.1	40.00	16.0		3	
18.716	141	NB	3	70	23.3	2.3	2.3	146.00	6.0	70.0	3	
19.429	141	NB	12	6	8.0	0.8	0.8	36.00	24.0		3	
					42.04	4.20	4.20	218.80	66.8	70.2	ADDED FOR ADD'L REPAIRS	
SUBTOTAL					252.2	25.2	25.2	1312.8	400.8	421.2		
PAY TOTAL					252	25	25	1313	401	421		

*** AREAS AND LOCATIONS OF PAVEMENT REPAIRS ARE AN APPROXIMATION.

PAVEMENT REPAIRS (2 OF 2)								
LOG MILE	RDWY	DIRECTION	WIDTH	LENGTH	CLASS B PARTIAL DEPTH PAVEMENT REPAIRS TON	REMOVAL FOR CLASS B PARTIAL DEPTH PAVEMENT REPAIR S.Y.	CONCRETE PAVEMENT 11 IN. NON-REINFORCED S.Y.	DESCRIPTION (LANE NUMBER)
11.317	141	SB	12	15			20.0	1
11.688	141	SB	12	36			48.0	3
12.045	141	SB	12	18			24.0	2
12.238	141	SB	12	20			26.7	4
18.791	141	NB	12	12			16.0	3
19.173	141	NB	12	36			48.0	3
19.436	141	NB	12	30			40.0	3
VAR.	141	VAR.	VAR.	VAR.	10.1	45.8	44.5	ADDED FOR ADD'L REPAIRS
SUBTOTAL					10.1	45.8	267.2	
PAY TOTAL					10	46	267	

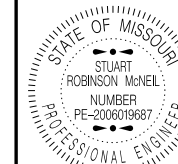
*** AREAS AND LOCATIONS OF PAVEMENT REPAIRS ARE AN APPROXIMATION.

MGS GUARDRAIL SYSTEM									
PLAN SHEET NO.	STATION	STATION	LOCATION	MGS GUARDRAIL (L.F.)	MODIFIED SLOPES CLASS III (100LF)	MGS VERTICAL CONCRETE BARRIER TRANSITION (EACH)	MGS TYPE A END ANCHOR (EACH)	MGS TYPE A CRASHWORTHY END TERMINAL (EACH)	MODOT ITS ASSETS RELOCATION (LF)
6,7	101+92.5	108+14.4	Route 141 LT	637.5	1.25		1	1	
8,9	115+00.0	121+49.0	Route 141 LT	675.0	1.25		1	1	
10,11	121+38.4	131+86.8	Route 141 RT	1050.0	1.25		1	1	
12,13	133+31.4	136+99.6	Route 141 LT	387.5	1.25		1	1	
13,14	136+80.0	141+00.0	Route 141 LT	412.5	0	1	1		
14	142+73.9	144+19.8	Route 141 LT	150.0	1.25	1		1	
TOTALS=				3312.5	6.3	2.0	5.0	5.0	181
PAY TOTALS=				3313	6	2	5	5	181

CULVERT CLEANOUT						
PLAN SHEET NO.	ROADWAY	STA.	LOC.	DRAINAGE FEATURE	CULVERT CLEANOUT	REMARKS
					EACH	
VAR.*	141	VAR.*	VAR.*	VALVE/MANHOLE	2	
SUBTOTAL					2.0	
PAYTOTAL					2	

* LOCATION TO BE DETERMINED BY ENGINEER.

TUBULAR MARKERS AND REFLECTORS						
PLAN SHEET	RDWY	STA.	LOC.	18" WHITE ISLAND TUBULAR MARKERS EACH	CURB REFLECTORS EACH	REMARKS
5	141	100+68	56' RT	6	18	NW ISLAND
6	141	101+51	56' RT	3	9	SW ISLAND
6	141	101+52	46' LT	3	9	SE ISLAND
8	141	114+26	30' LT	3	9	NE ISLAND
9	141	115+78	33' RT	3	9	SW ISLAND
12	141	133+44	32' RT	3	9	NW ISLAND
15	141	145+51	52' RT	3	9	SW ISLAND
SUBTOTALS				24	72	
PAYTOTALS				24	72	



DATE PREPARED
11/21/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 3

COUNTY ST. LOUIS

JOB NO. JSL0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

DESCRIPTION	DATE

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



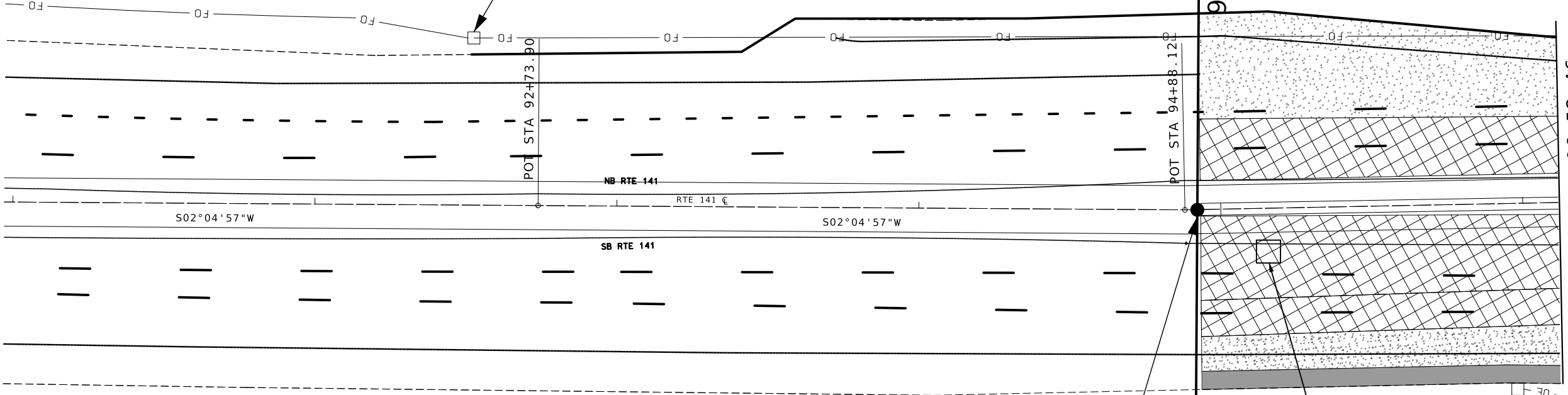
SUMMARY OF QUANTITIES

JOB BEGIN
N OF ST. LUKE'S
HOSPITAL RD

EX. TYPE 2 ITS
PULL BOX

95 STA. 94+92.87

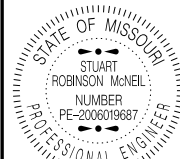
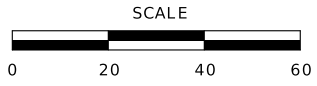
MATCHLINE STA. 96+52.46



11" SLAB REPLACEMENT
(LOCATION IS APPROXIMATE)

BEGIN MILL AND FILL
STA. 94+92.87
END MILL AND FILL
STA. 166+05.99

PAVING LEGEND	
	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL



DATE PREPARED
11/21/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 4

COUNTY ST. LOUIS

JOB NO. JSL0078

CONTRACT ID.

PROJECT NO.

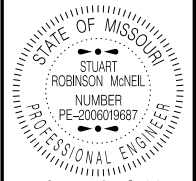
BRIDGE NO.

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 16



DATE PREPARED
11/21/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	5

COUNTY
ST. LOUIS
JOB NO.
JSL0078
CONTRACT ID.

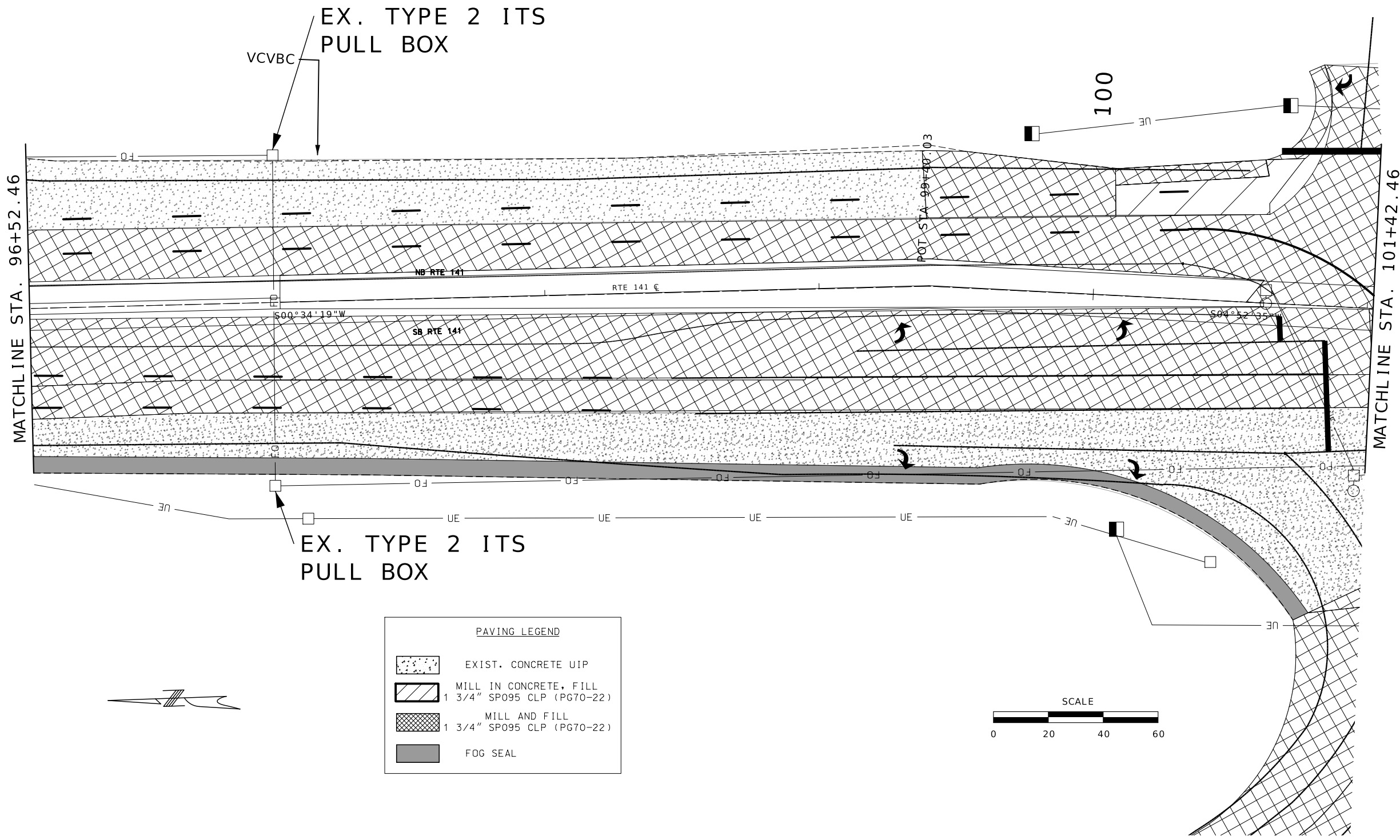
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

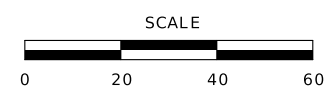
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
SHEET 2 OF 16

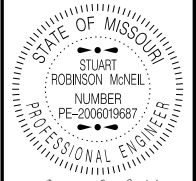


PAVING LEGEND

	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL



STA 101+92.5 TO STA 108+14.4
 50' TYPE A CRASHWORTHY END TERMINAL (MASH)
 637.5' MGS GUARDRAIL
 END ANCHOR (MASH)

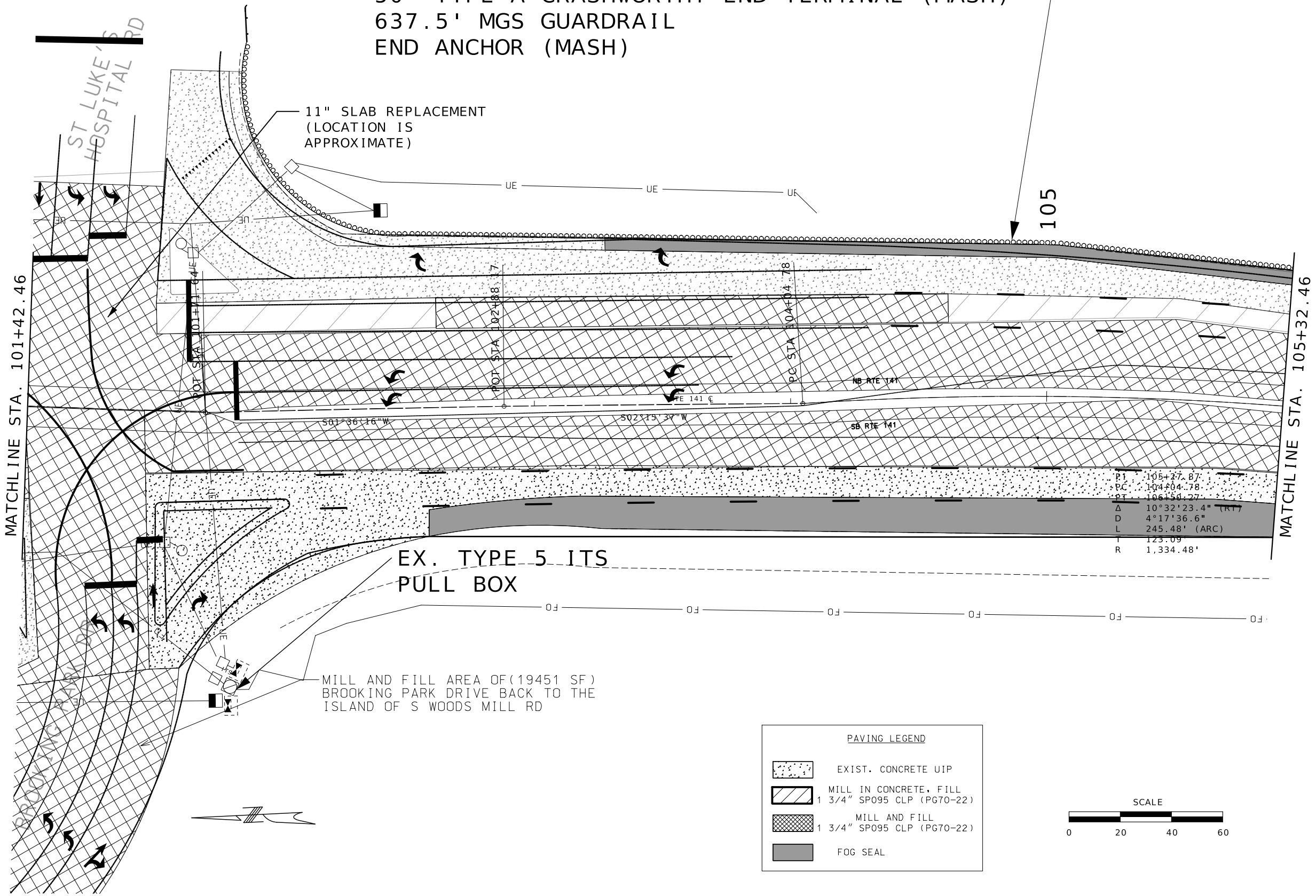


DATE PREPARED
 11/21/2024
 ROUTE STATE
 141 MO
 DISTRICT SHEET NO.
 SL 6
 COUNTY
 ST. LOUIS
 JOB NO.
 JSL0078
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

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

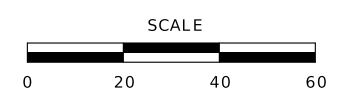
PLAN SHEET
 SHEET 3 OF 16



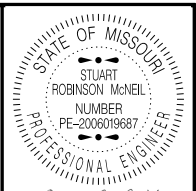
P1	105+27.87
PC	104+04.78
PT	106+50.27
Δ	10°32'23.4" (RT)
D	4°17'36.6"
L	245.48' (ARC)
T	123.09'
R	1,334.48'

PAVING LEGEND

	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL



STA 101+92.5 TO STA 108+14.4
 50' TYPE A CRASHWORTHY END TERMINAL (MASH)
 637.5' MGS GUARDRAIL
 END ANCHOR (MASH)



DATE PREPARED
 11/21/2024

ROUTE STATE
 141 MO
 DISTRICT SHEET NO.
 SL 7

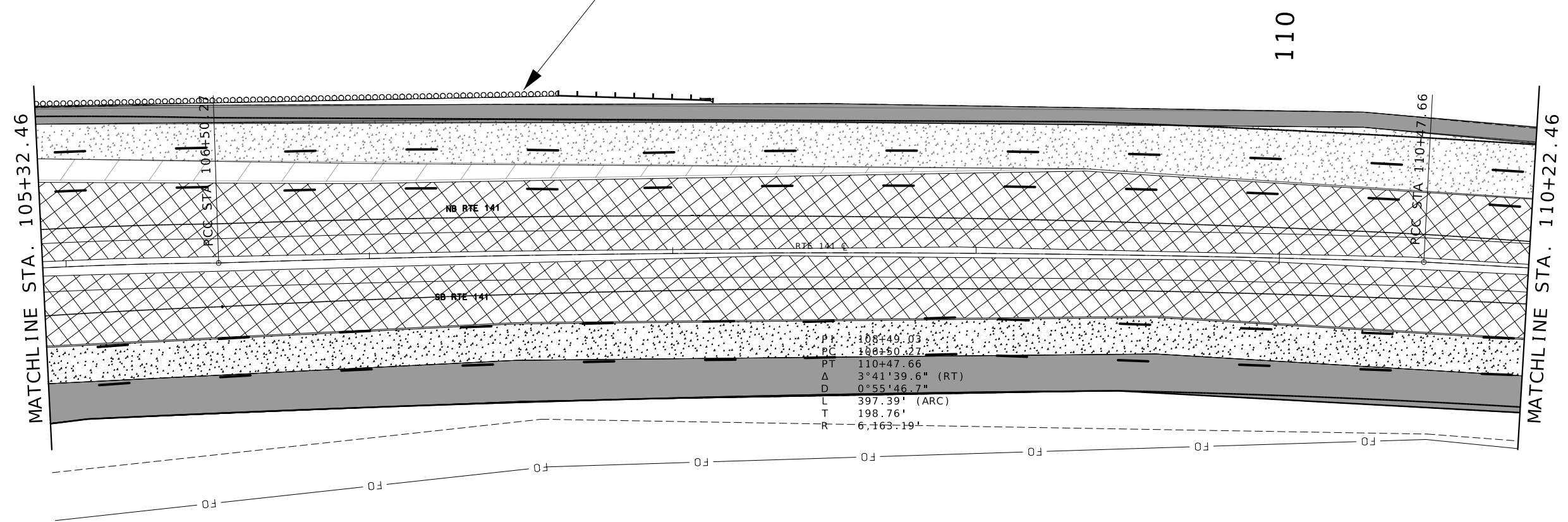
COUNTY
 ST. LOUIS
 JOB NO.
 JSL0078
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PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

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

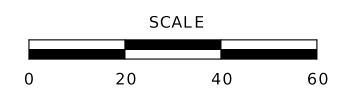
PLAN SHEET
 SHEET 4 OF 16



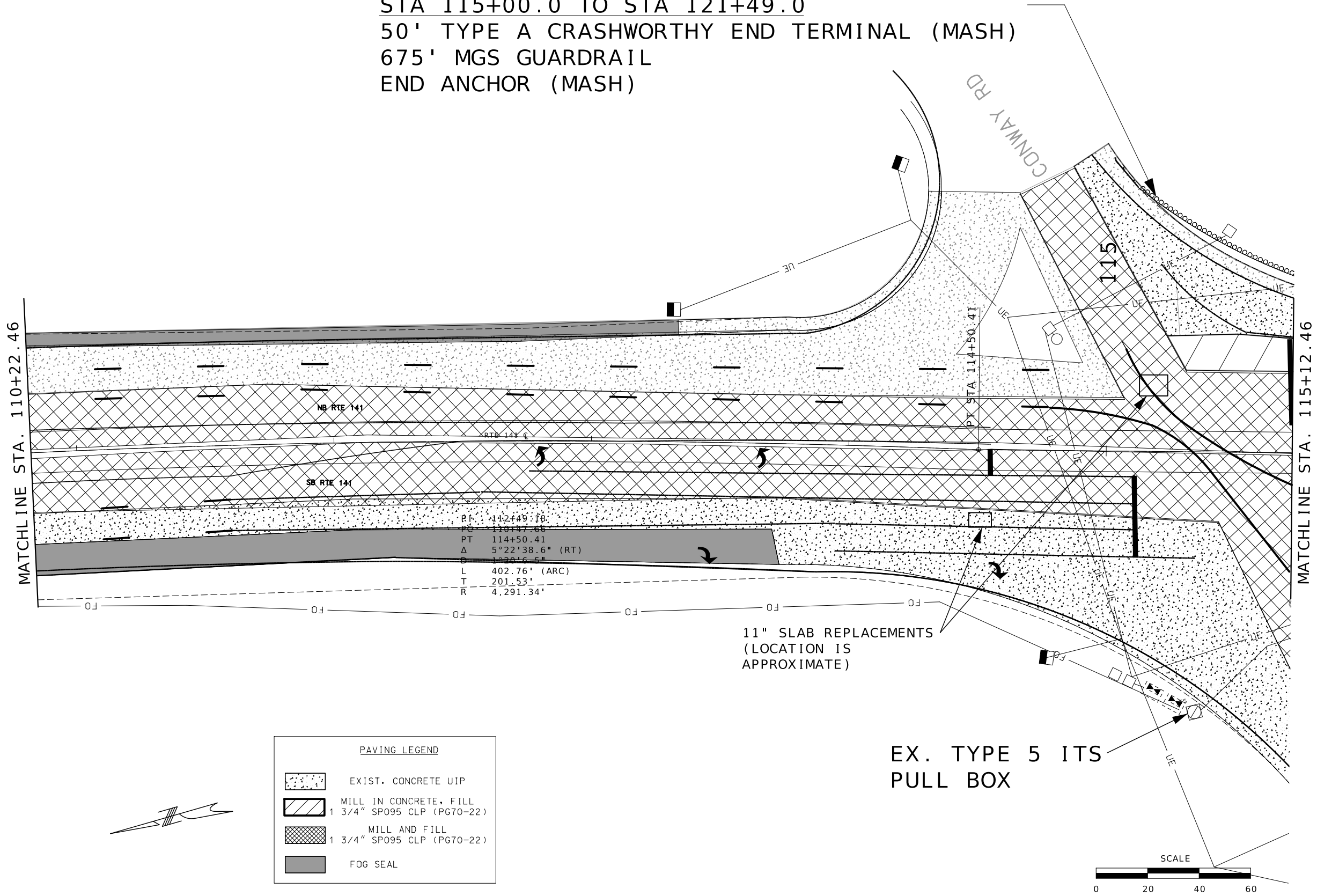
PT 108+49.03
 PC 108+50.27
 PT 110+47.66
 Δ 3°41'39.6" (RT)
 D 0°55'46.7"
 L 397.39' (ARC)
 T 198.76'
 R 6,163.19'

PAVING LEGEND

	EXIST. CONCRETE U/P
	MILL IN CONCRETE, FILL 1 3/4" SPO95 CLP (PG70-22)
	MILL AND FILL 1 3/4" SPO95 CLP (PG70-22)
	FOG SEAL



STA 115+00.0 TO STA 121+49.0
 50' TYPE A CRASHWORTHY END TERMINAL (MASH)
 675' MGS GUARDRAIL
 END ANCHOR (MASH)



PAVING LEGEND

	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL



DATE PREPARED
 11/21/2024

ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 8

COUNTY ST. LOUIS
 JOB NO. JSL0078
 CONTRACT ID.

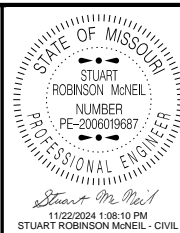
PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

STA 115+00.0 TO STA 121+49.0
 50' TYPE A CRASHWORTHY END TERMINAL (MASH)
 675' MGS GUARDRAIL
 END ANCHOR (MASH)



DATE PREPARED 11/21/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 9
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

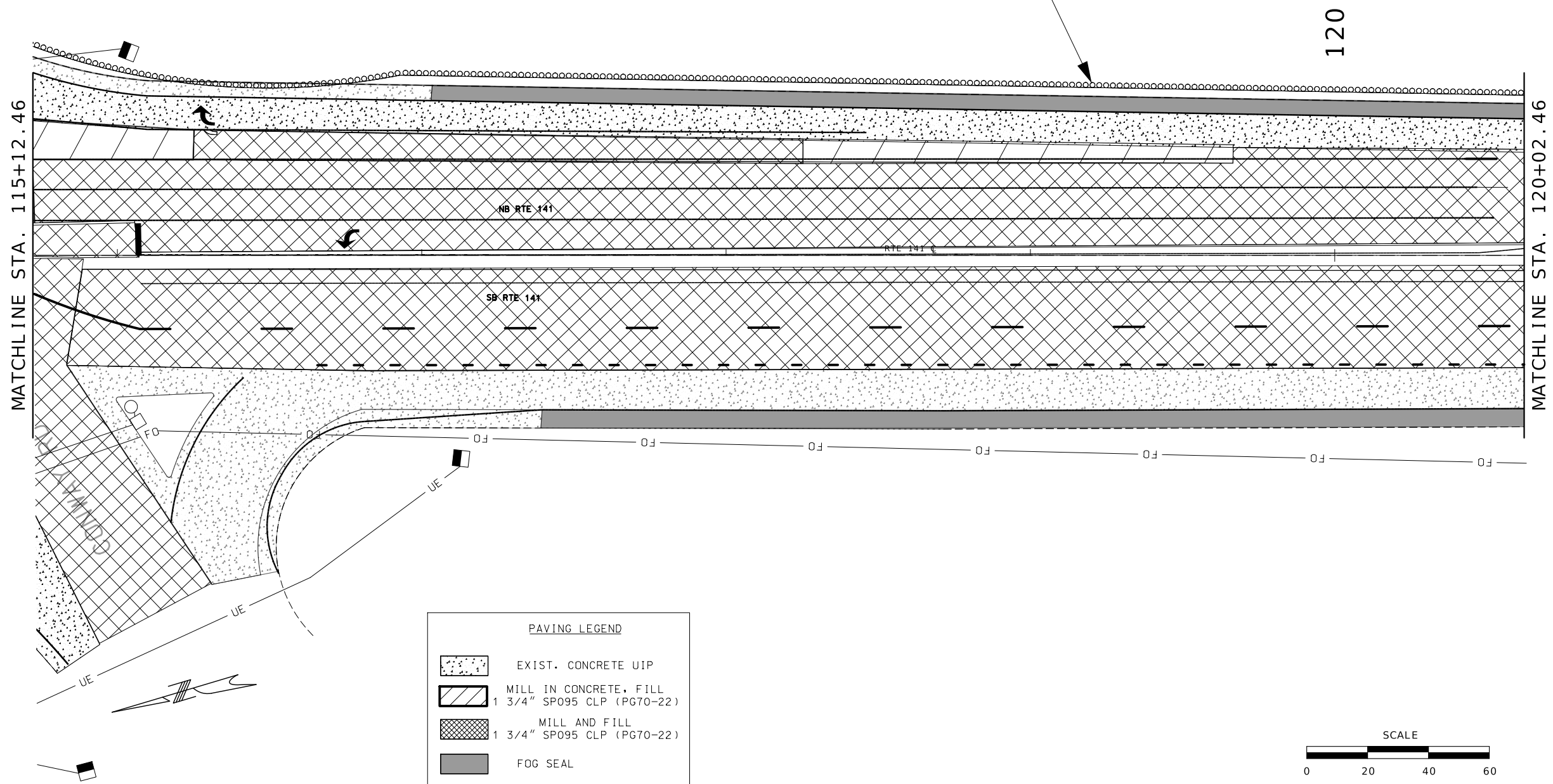
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

MoDOT

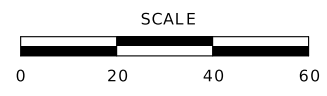
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
 SHEET 6 OF 16



PAVING LEGEND

	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL





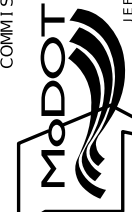
DATE PREPARED
11/21/2024

ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 10

COUNTY ST. LOUIS
JOB NO. JSL0078
CONTRACT ID.

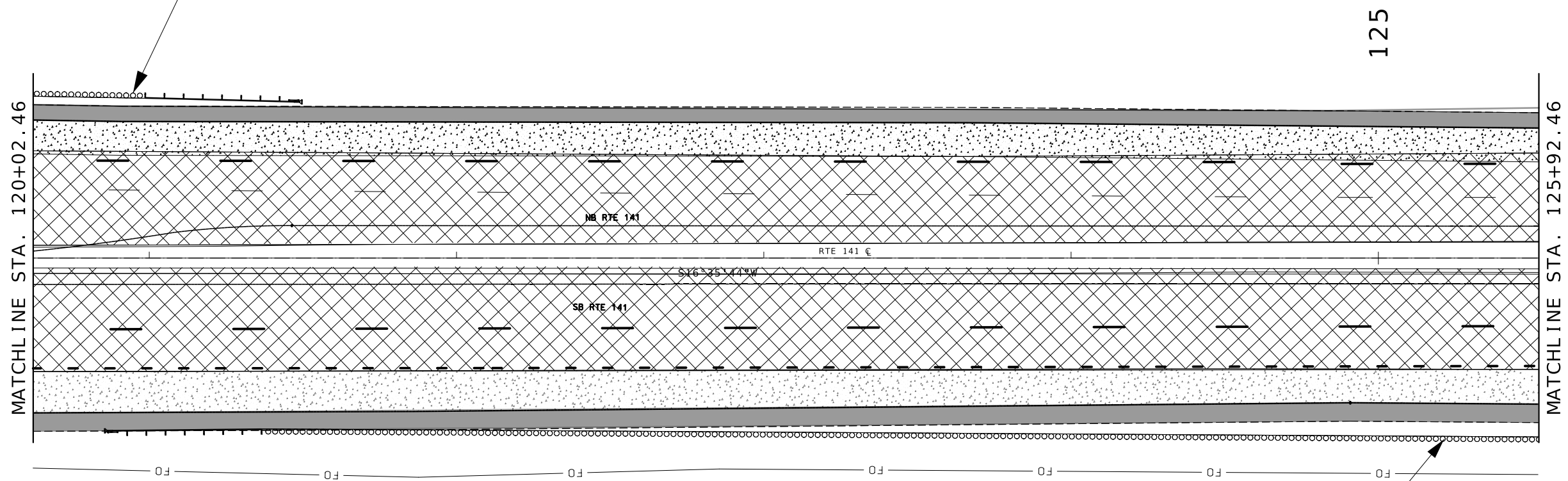
PROJECT NO.
BRIDGE NO.

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 7 OF 16

STA 115+00.0 TO STA 121+49.0
50' TYPE A CRASHWORTHY END TERMINAL (MASH)
675' MGS GUARDRAIL
END ANCHOR (MASH)



STA 121+38.4 TO STA 131+86.8
50' TYPE A CRASHWORTHY END TERMINAL (MASH)
1050' MGS GUARDRAIL
END ANCHOR (MASH)

PAVING LEGEND

	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL





11/22/2024 1:38:43 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/21/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 11

COUNTY
ST. LOUIS

JOB NO.
JSL0078


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

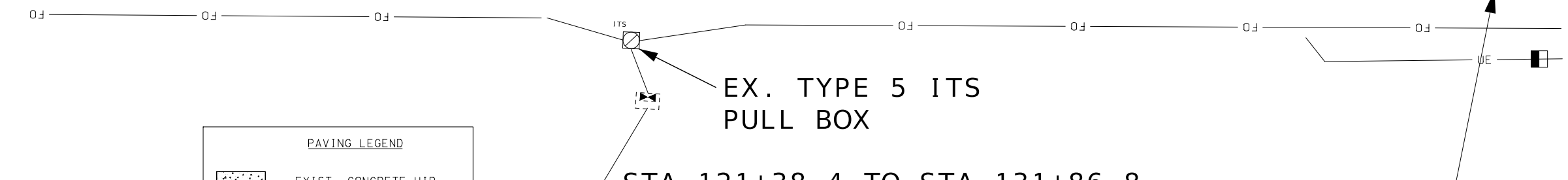
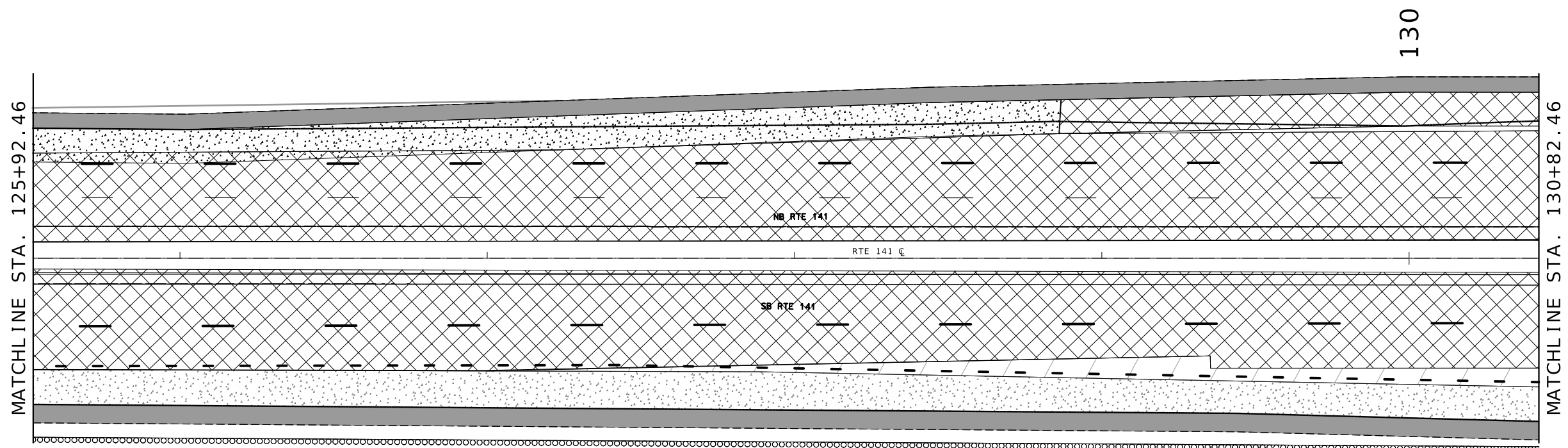
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

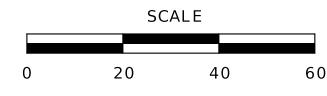
PLAN SHEET
SHEET 8 OF 16



PAVING LEGEND

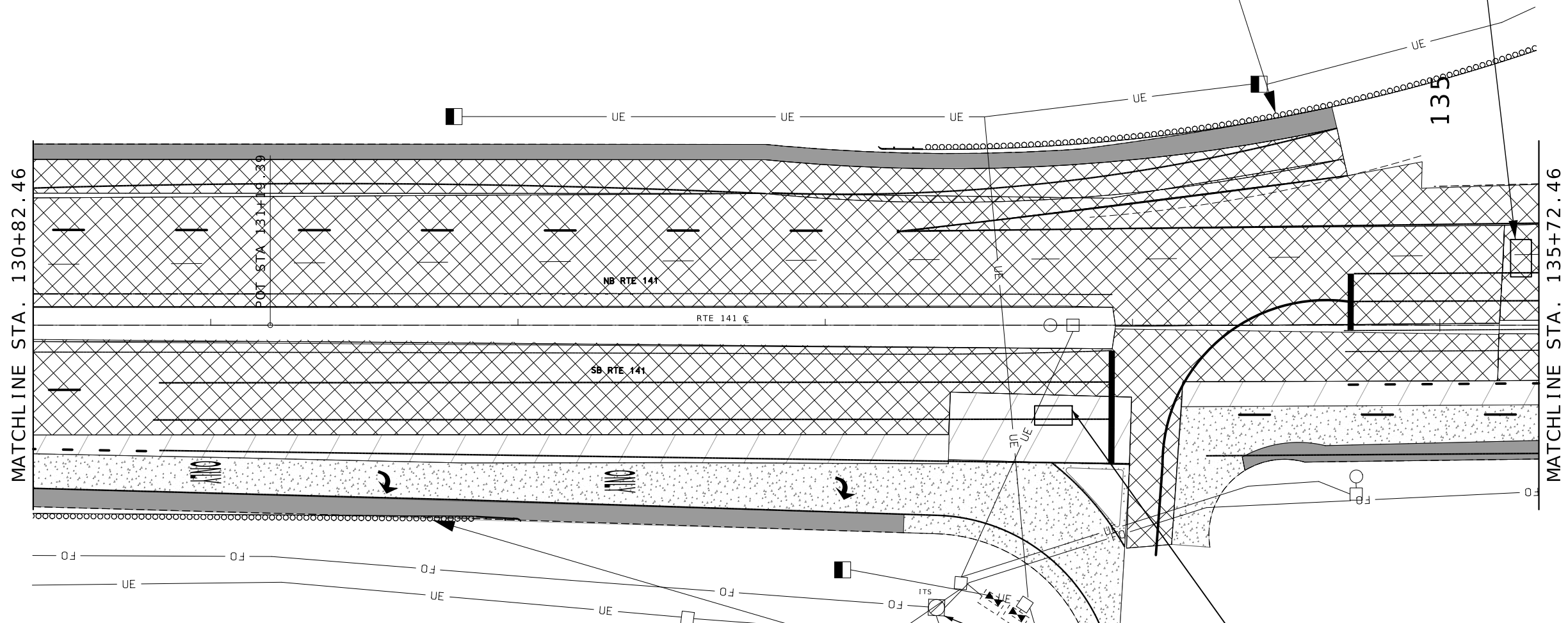
	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL

STA 121+38.4 TO STA 131+86.8
50' TYPE A CRASHWORTHY END TERMINAL (MASH)
1050' MGS GUARDRAIL
END ANCHOR (MASH)



STA 133+31.4 TO STA 136+99.6
 50' TYPE A CRASHWORTHY END TERMINAL (MASH)
 387.5' MGS GUARDRAIL
 END ANCHOR (MASH)

11" SLAB REPLACEMENT
 (LOCATION IS APPROXIMATE)

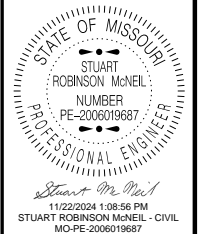
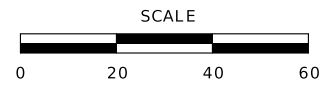


STA 121+38.4 TO STA 131+86.8
 50' TYPE A CRASHWORTHY END TERMINAL (MASH)
 1050' MGS GUARDRAIL (8' POSTS)
 END ANCHOR (MASH)

PAVING LEGEND

	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL

EX. TYPE 5 ITS
 PULL BOX



DATE PREPARED
11/21/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	12
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0078	
CONTRACT ID.	
X	
PROJECT NO.	
X	
BRIDGE NO.	
X	

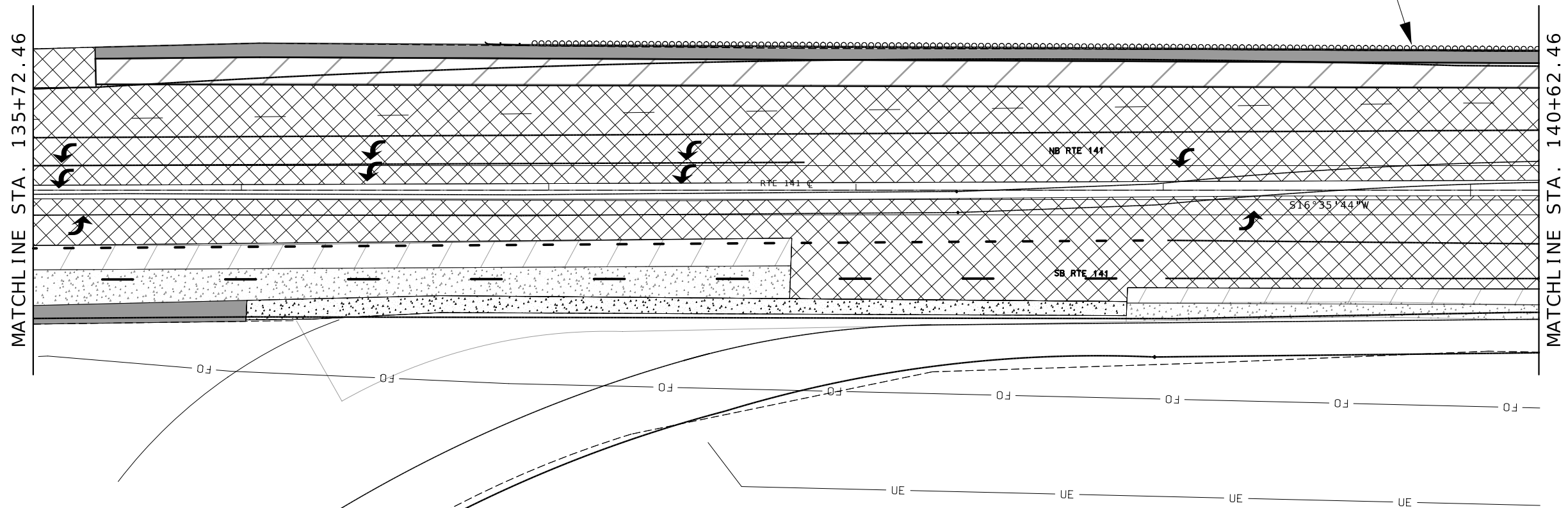
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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

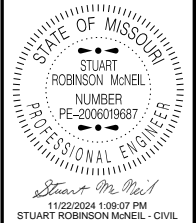
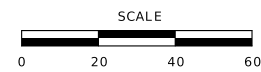
STA 133+31.4 TO STA 136+99.6
 50' TYPE A CRASHWORTHY END TERMINAL (MASH)
 387.5' MGS GUARDRAIL
 END ANCHOR (MASH)

STA 136+80.0 TO STA 141+00.0
 412.5' MGS GUARDRAIL
 VERTICAL CONCRETE BARRIER TRANSITION
 END ANCHOR (MASH)



PAVING LEGEND

	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL




DATE PREPARED
11/21/2024

ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 13
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

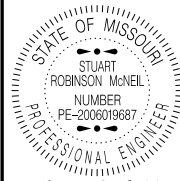
DATE	DESCRIPTION

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 16



11/22/2024 1:09:21 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/21/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 14

COUNTY
ST. LOUIS

JOB NO.
JSL0078

CONTRACT ID.
X

PROJECT NO.
X

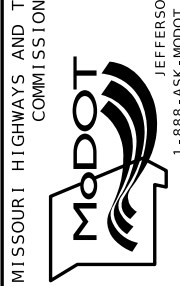
BRIDGE NO.
X

DATE DESCRIPTION

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

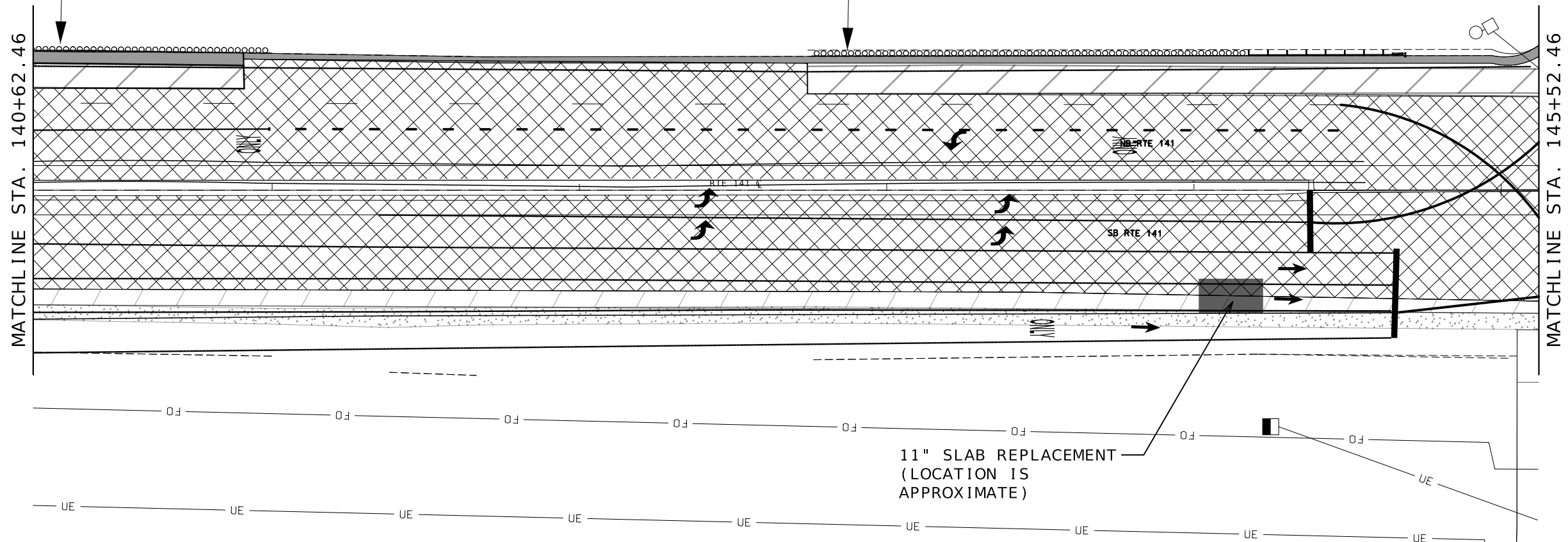
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



PLAN SHEET
SHEET 11 OF 16

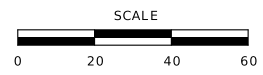
STA 136+94.0 TO STA 141+00.0
412.5' MGS GUARDRAIL
VERTICAL CONCRETE BARRIER TRANSITION
END ANCHOR (MASH)

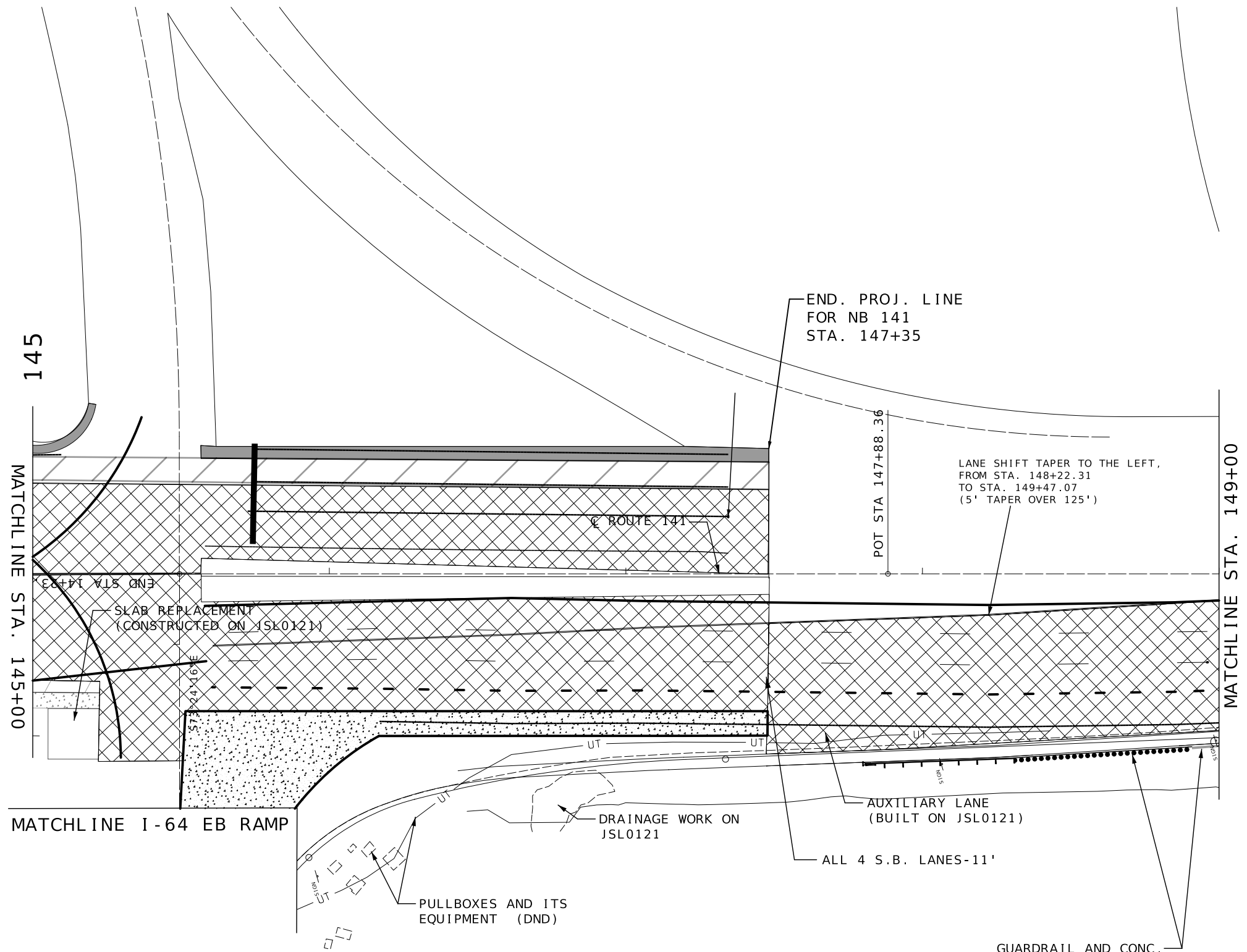
STA 142+73.9 TO STA 144+19.8
50' TYPE A CRASHWORTHY END TERMINAL (MASH)
150' MGS GUARDRAIL
VERTICAL CONCRETE BARRIER TRANSITION



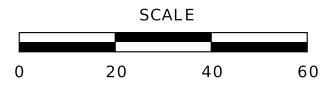
PAVING LEGEND

	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL





PAVING LEGEND	
	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

Stuart McNeil
11/22/2024 1:39:37 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/21/2024

ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 15

COUNTY
ST. LOUIS

JOB NO.
JSL0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

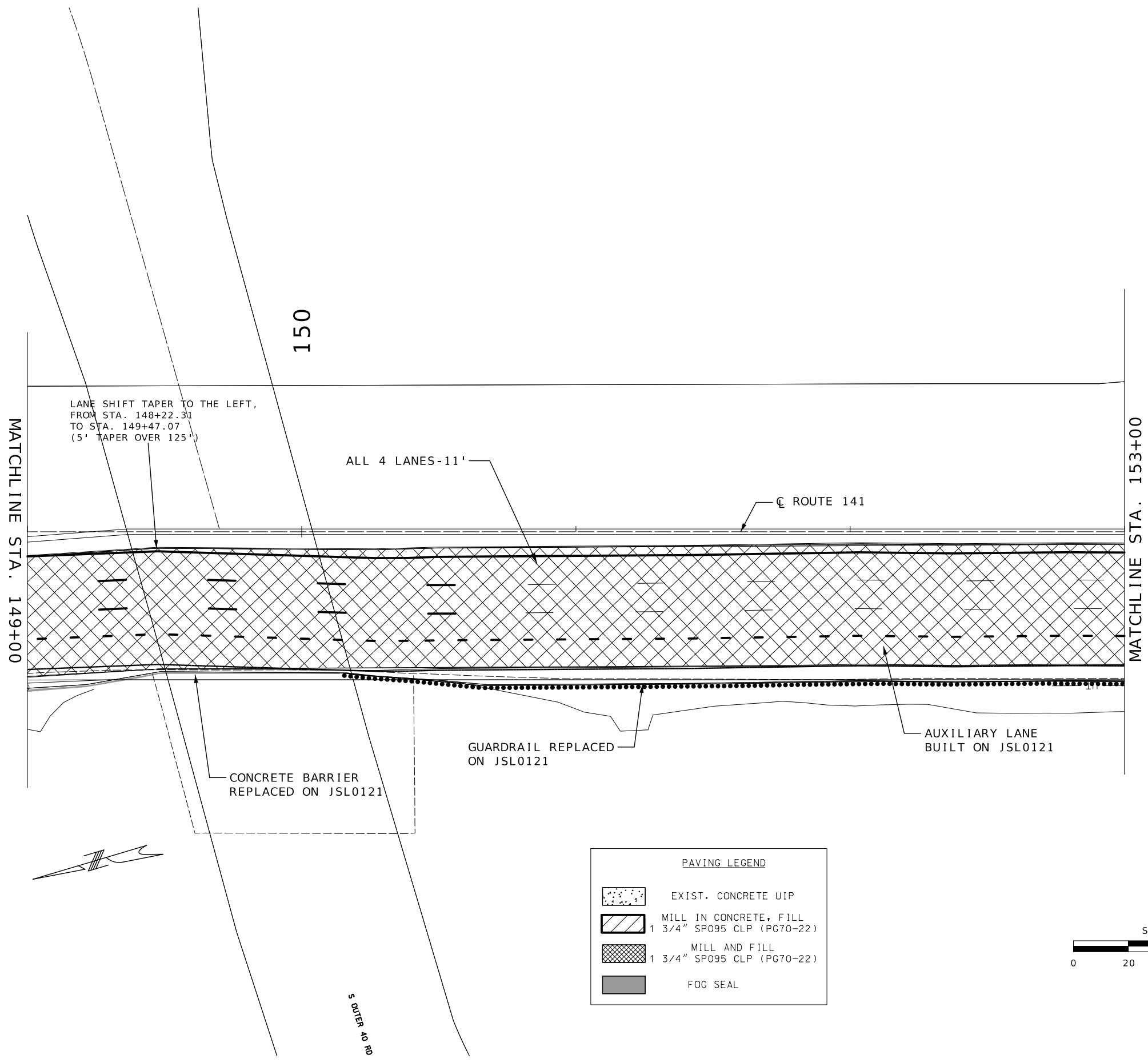
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

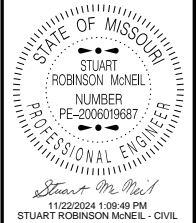
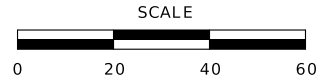
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
SHEET 12 OF 16



PAVING LEGEND

	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL



DATE PREPARED
11/21/2024

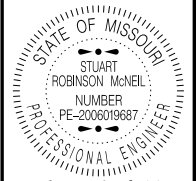
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 16
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

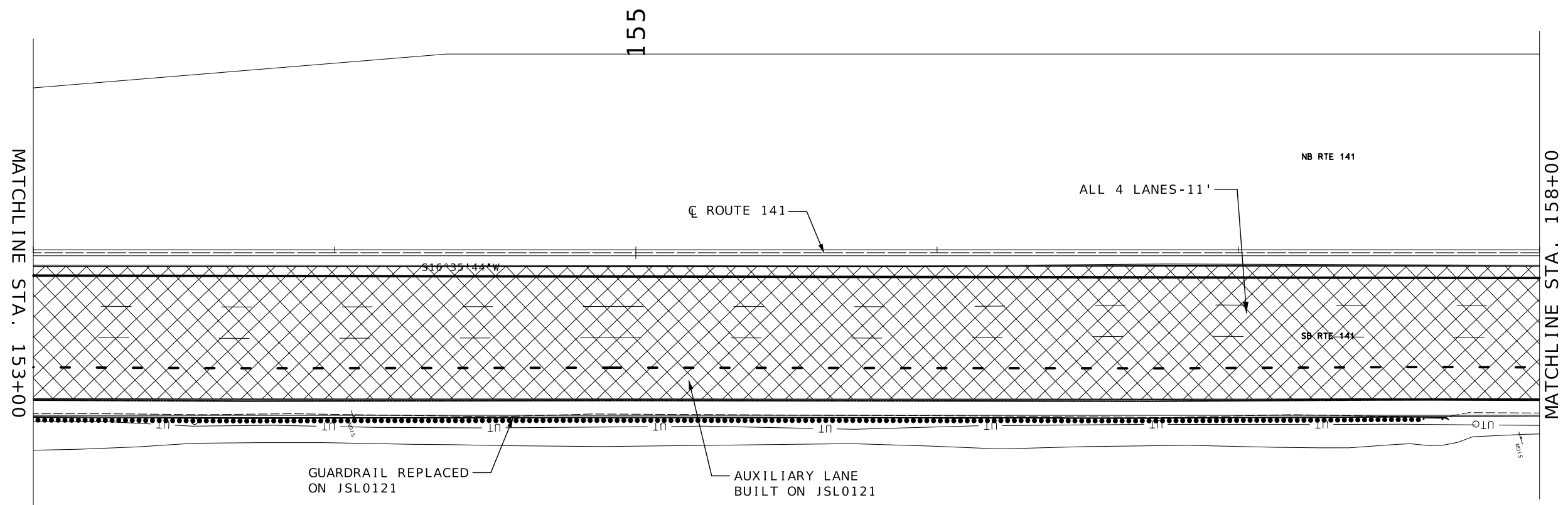
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
SHEET 13 OF 16

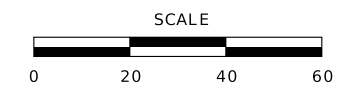


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STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/21/2024
ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 17
COUNTY ST. LOUIS
JOB NO. JSL0078
CONTRACT ID.
PROJECT NO.
BRIDGE NO.



PAVING LEGEND	
	EXIST. CONCRETE UIP
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	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL

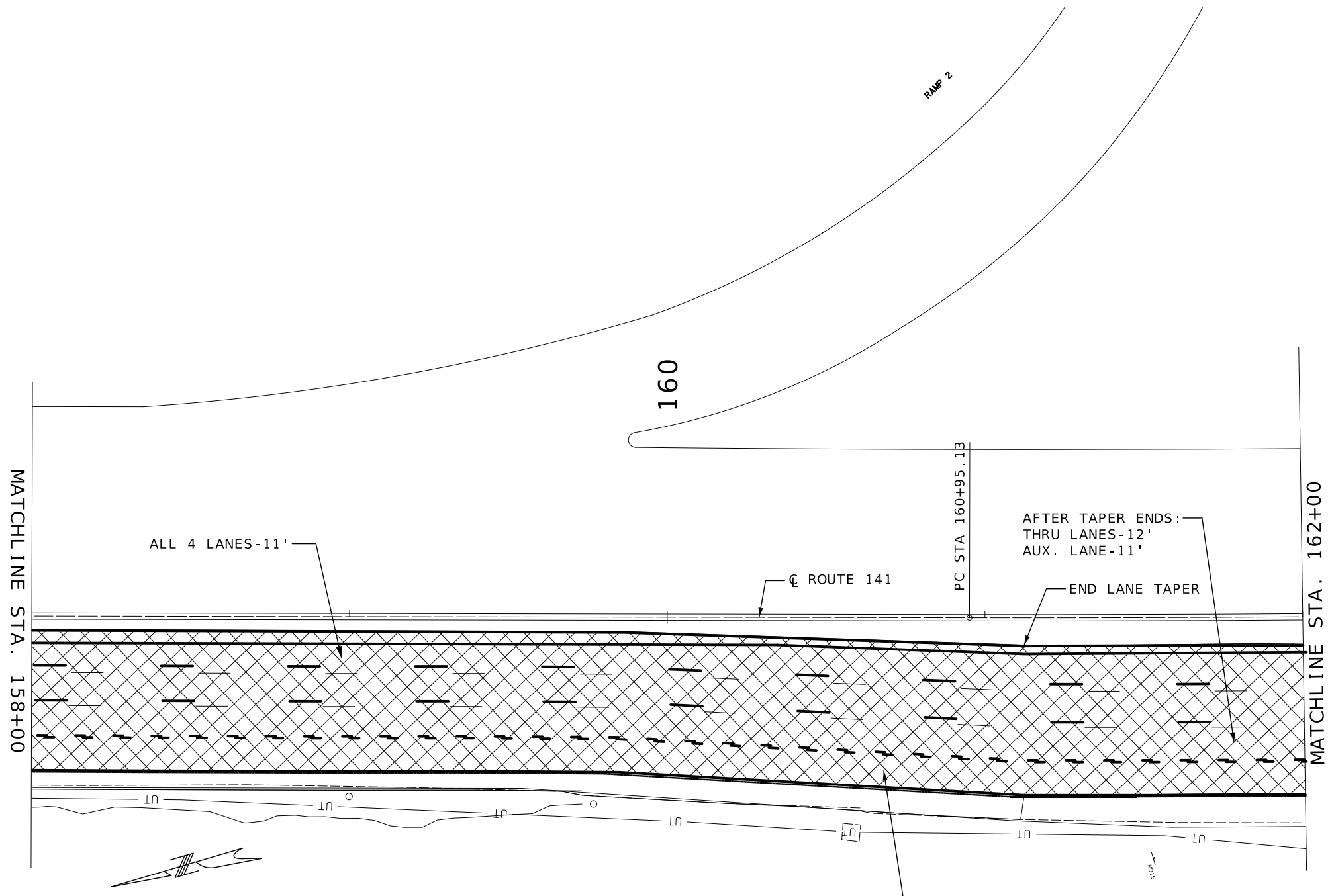


DATE	DESCRIPTION

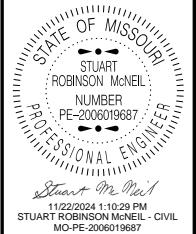
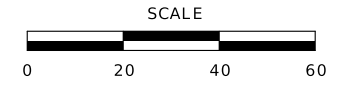
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 14 OF 16



PAVING LEGEND	
	EXIST. CONCRETE UIP
	MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
	MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
	FOG SEAL



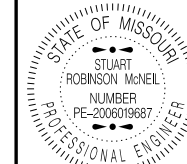
DATE PREPARED 11/21/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 18
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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 15 OF 16



11/22/2024 1:10:43 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/21/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 19

COUNTY
ST. LOUIS

JOB NO.
JSL0078

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 16 OF 16

MATCHLINE STA. 162+00

JOB END

165

PI 166+03.80
 PC 160+95.13
 PT 171+11.80
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 D 0°30'0.0"
 L 1,016.67' (ARC)
 T 508.67'
 R 11,459.16'

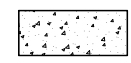
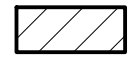
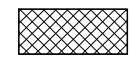

☉ ROUTE 141

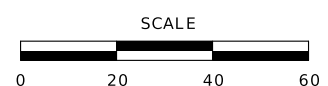
AFTER TAPER ENDS:
THRU LANES-12'
AUX. LANE-11'

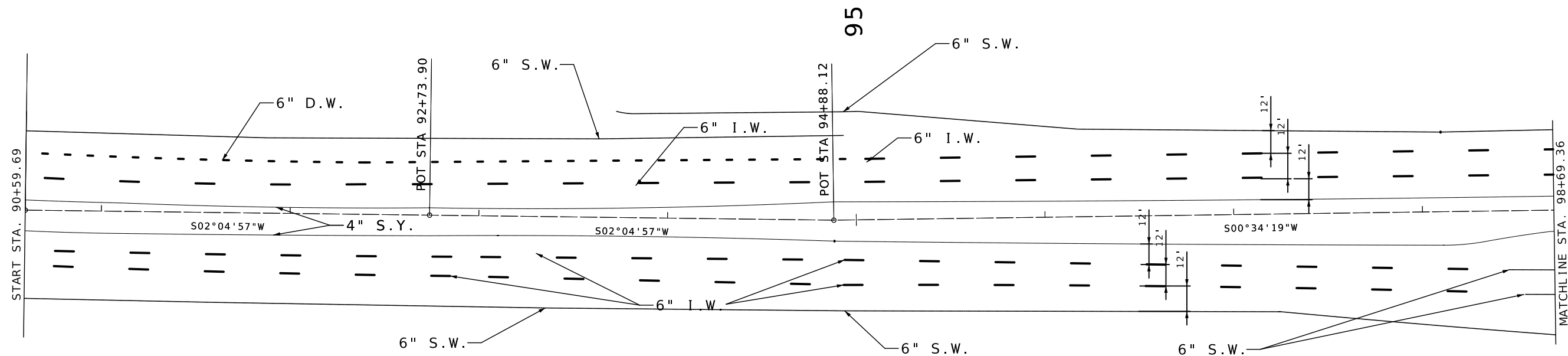
AUXILIARY LANE
BUILT ON JSL0121

BEGIN MILL AND FILL
STA. 94+92.87
END MILL AND FILL
STA. 166+05.99

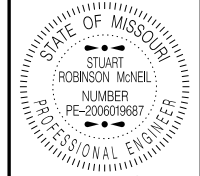
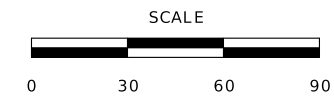
PAVING LEGEND

-  EXIST. CONCRETE UIP
-  MILL IN CONCRETE, FILL 1 3/4" SP095 CLP (PG70-22)
-  MILL AND FILL 1 3/4" SP095 CLP (PG70-22)
-  FOG SEAL





PAVEMENT MARKING LEGEND	
S.W.	- SOLID WHITE
I.W.	- INTERMITTEN WHITE
D.W.	- DOTTED WHITE
S.Y.	- SOLID YELLOW
SWY	- SOLID WHITE YIELD BAR
I.Y.	- INTERMITTEN YELLOW
-T	- THERMOPLASTIC
-C	- BLACK CONTRAST MARKINGS
SWRTA	- SOLID WHITE RIGHT TURN ARROW
SWLTA	- SOLID WHITE LEFT TURN ARROW
SWSTA	- SOLID WHITE STRAIGHT ARROW
SWSTRTA	- SOLID WHITE STRAIGHT/RIGHT TURN ARROW
SWSTLTA	- SOLID WHITE STRAIGHT/LEFT TURN ARROW



DATE PREPARED
11/27/2024 8:09:57 AM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

11/26/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 20

COUNTY ST. LOUIS

JOB NO. JSL0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

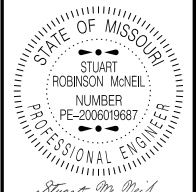
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

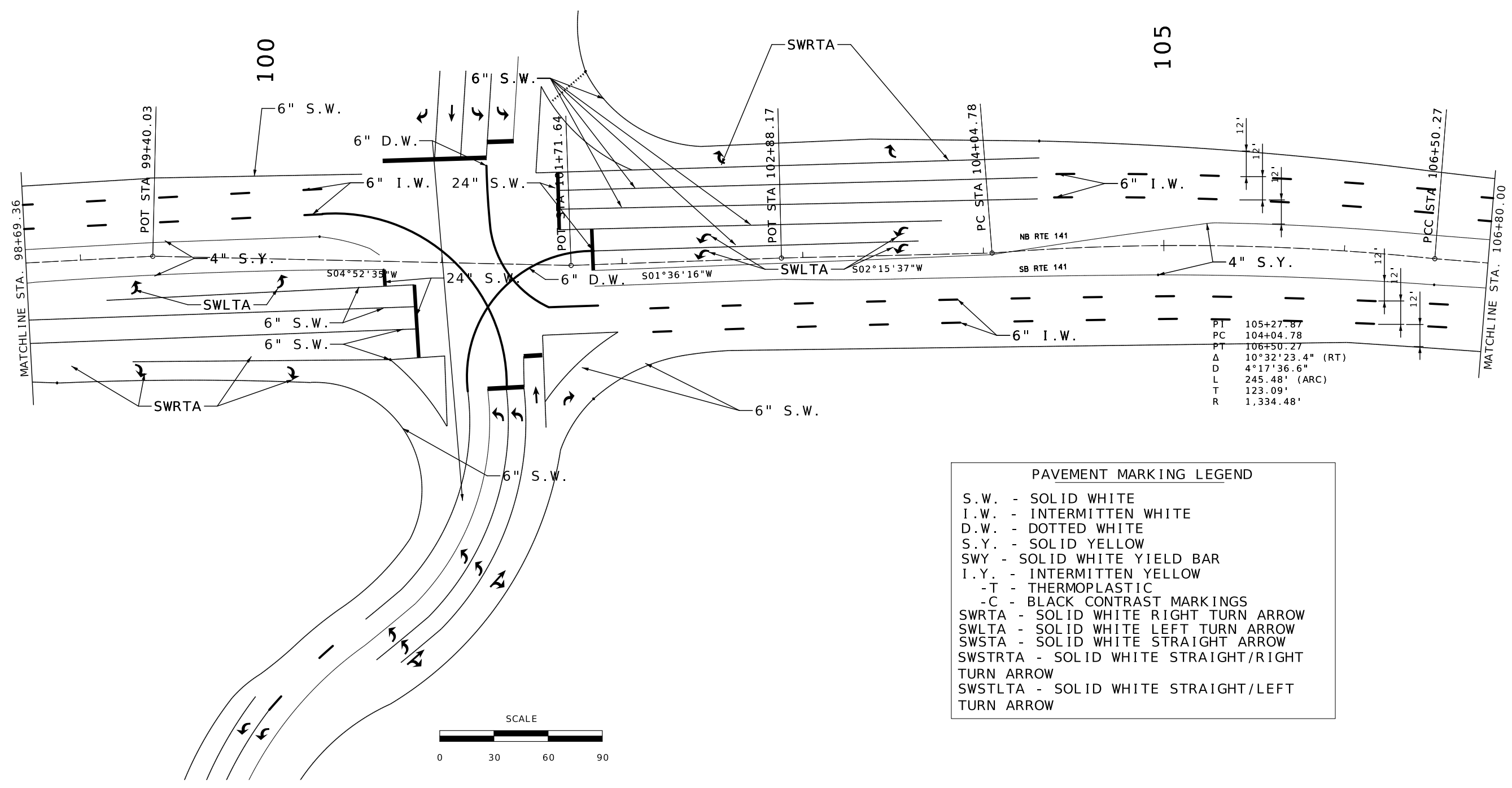
105 WEST CAPITOL JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PAVEMENT MARKING SHEET
SHEET 1 OF 10



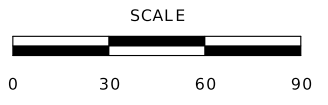
DATE PREPARED
11/27/2024 8:11:06 AM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED 11/26/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 21
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



PT	105+27.87
PC	104+04.78
PT	106+50.27
Δ	$10^{\circ}32'23.4''$ (RT)
D	$4^{\circ}17'36.6''$
L	245.48' (ARC)
T	123.09'
R	1,334.48'

PAVEMENT MARKING LEGEND	
S.W.	- SOLID WHITE
I.W.	- INTERMITTEN WHITE
D.W.	- DOTTED WHITE
S.Y.	- SOLID YELLOW
SWY	- SOLID WHITE YIELD BAR
I.Y.	- INTERMITTEN YELLOW
-T	- THERMOPLASTIC
-C	- BLACK CONTRAST MARKINGS
SWRSTA	- SOLID WHITE RIGHT TURN ARROW
SWLTA	- SOLID WHITE LEFT TURN ARROW
SWSTA	- SOLID WHITE STRAIGHT ARROW
SWSTRTA	- SOLID WHITE STRAIGHT/RIGHT TURN ARROW
SWSTLTA	- SOLID WHITE STRAIGHT/LEFT TURN ARROW

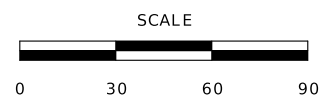
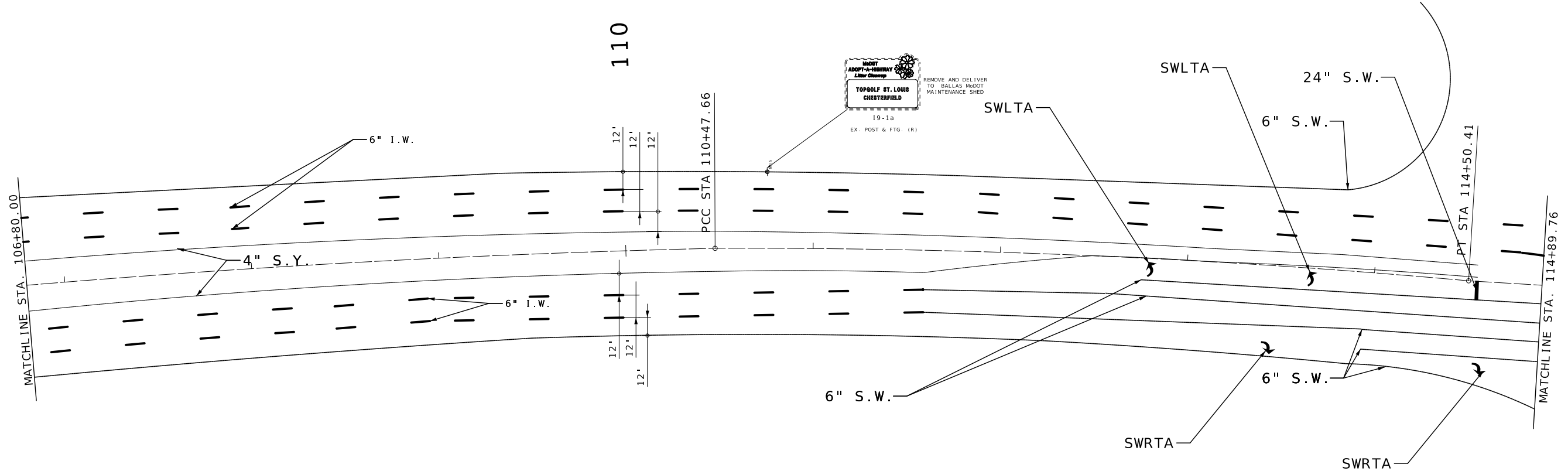


DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKING SHEET
SHEET 2 OF 10



PAVEMENT MARKING LEGEND	
S.W.	- SOLID WHITE
I.W.	- INTERMITTEN WHITE
D.W.	- DOTTED WHITE
S.Y.	- SOLID YELLOW
SWY	- SOLID WHITE YIELD BAR
I.Y.	- INTERMITTEN YELLOW
-T	- THERMOPLASTIC
-C	- BLACK CONTRAST MARKINGS
SWRТА	- SOLID WHITE RIGHT TURN ARROW
SWLТА	- SOLID WHITE LEFT TURN ARROW
SWSTA	- SOLID WHITE STRAIGHT ARROW
SWSTRТА	- SOLID WHITE STRAIGHT/RIGHT TURN ARROW
SWSTLТА	- SOLID WHITE STRAIGHT/LEFT TURN ARROW



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STUART ROBINSON MOÑEL - CIVIL
MO-PE-2006019687

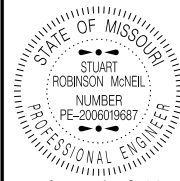
DATE PREPARED 11/26/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 22
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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 10



STUART ROBINSON McNEIL
11/27/2024 8:11:49 AM
MO-PE-2006019687 - CIVIL

DATE PREPARED
11/26/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 23

COUNTY
ST. LOUIS

JOB NO.
JSL0078

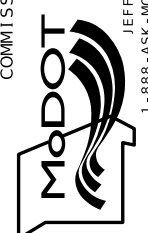
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PROJECT NO.

BRIDGE NO.

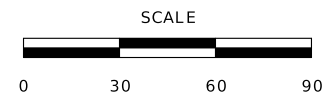
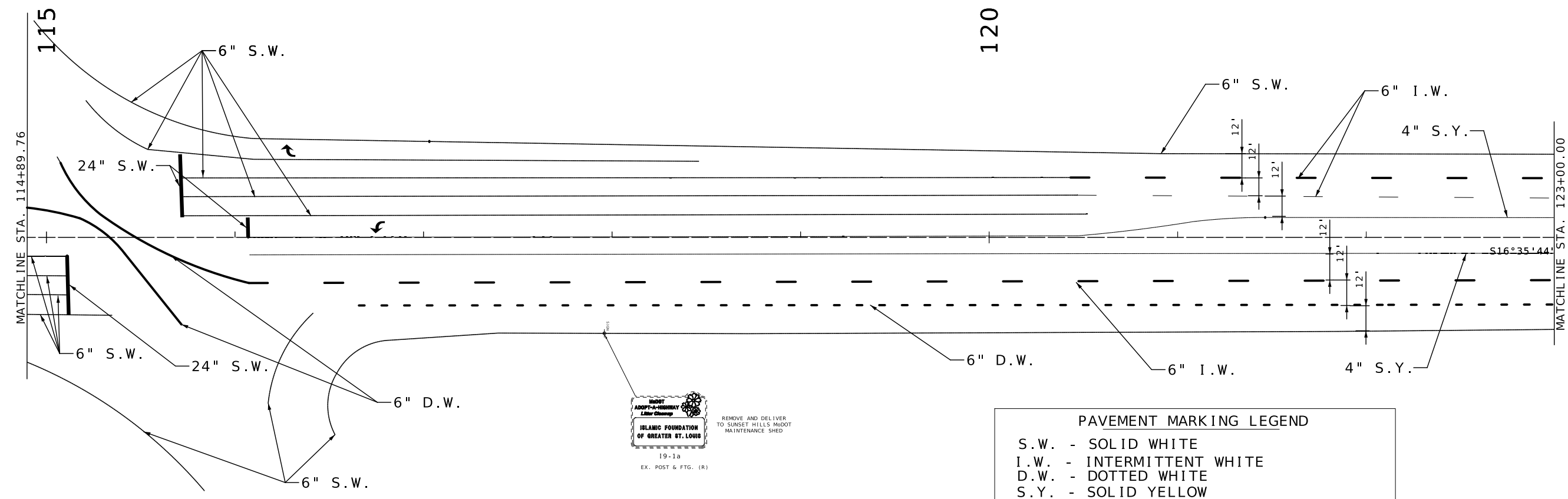
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

PAVEMENT MARKING SHEET
SHEET 4 OF 10

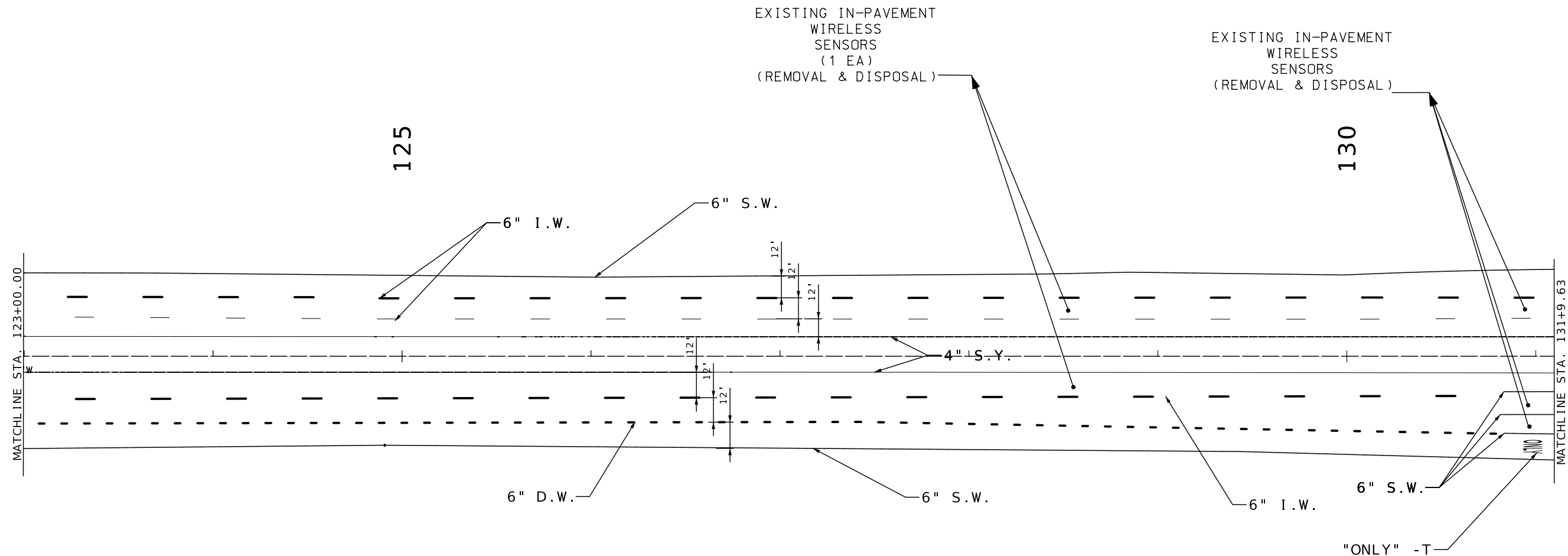


REMOVE AND DELIVER
TO SUNSET HILLS MODOT
MAINTENANCE SHED

19-1a
EX. POST & FTG. (R)

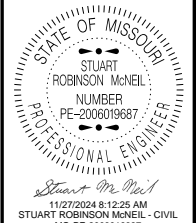
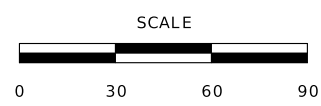
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- D.W. - DOTTED WHITE
- S.Y. - SOLID YELLOW
- SWY - SOLID WHITE YIELD BAR
- I.Y. - INTERMITTENT YELLOW
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- C - BLACK CONTRAST MARKINGS
- SWRTA - SOLID WHITE RIGHT TURN ARROW
- SWLTA - SOLID WHITE LEFT TURN ARROW
- SWSTA - SOLID WHITE STRAIGHT ARROW
- SWSTRTA - SOLID WHITE STRAIGHT/RIGHT TURN ARROW
- SWSTLTA - SOLID WHITE STRAIGHT/LEFT TURN ARROW



PAVEMENT MARKING LEGEND

- S.W. - SOLID WHITE
- I.W. - INTERMITTEN WHITE
- D.W. - DOTTED WHITE
- S.Y. - SOLID YELLOW
- SWY - SOLID WHITE YIELD BAR
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- SWSTA - SOLID WHITE STRAIGHT ARROW
- SWSTRTA - SOLID WHITE STRAIGHT/RIGHT TURN ARROW
- SWSTLTA - SOLID WHITE STRAIGHT/LEFT TURN ARROW



DATE PREPARED
11/26/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	24

COUNTY
ST. LOUIS

JOB NO.
JSL0078

CONTRACT ID.

PROJECT NO.

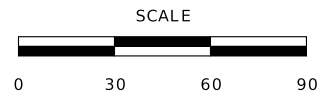
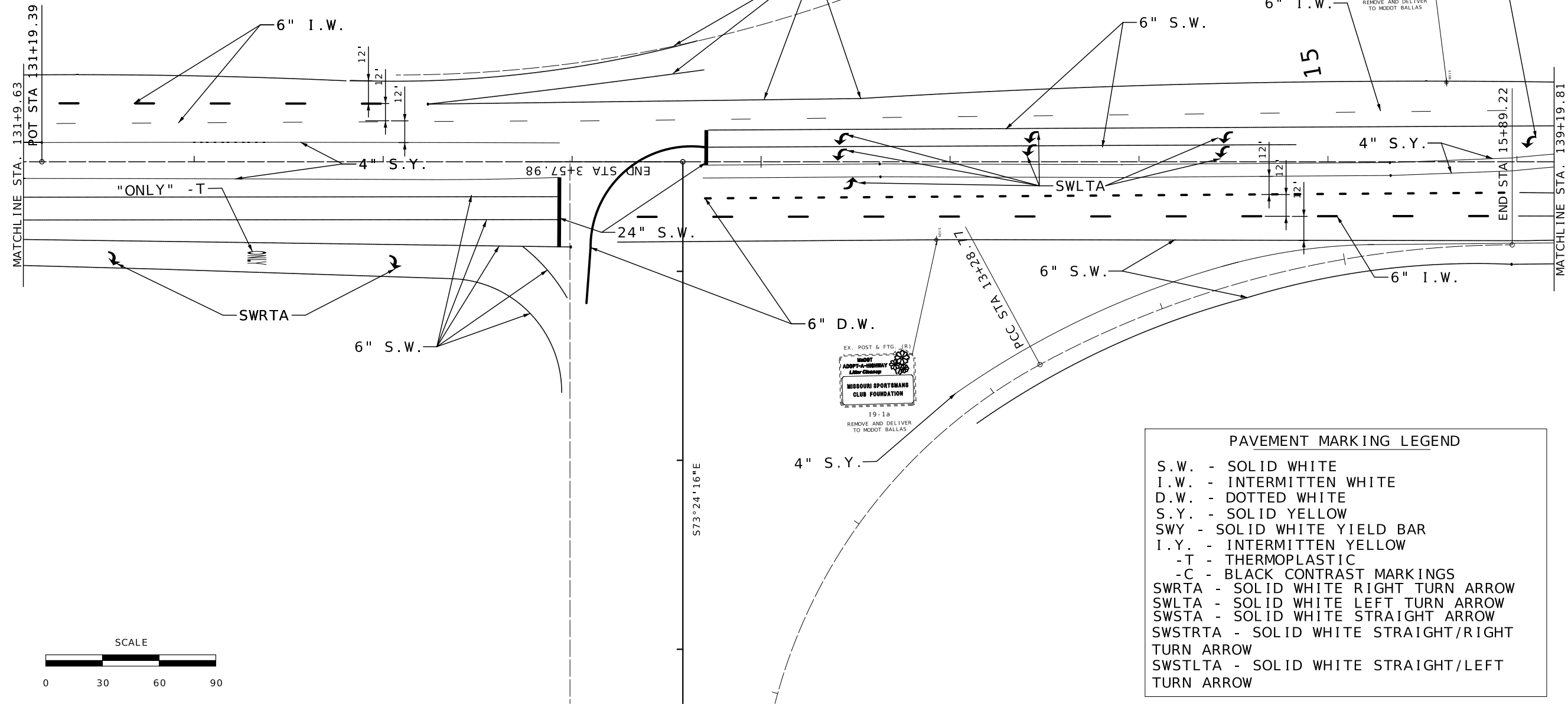
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DATE	DESCRIPTION

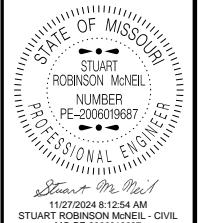
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKING SHEET
SHEET 5 OF 10



PAVEMENT MARKING LEGEND	
S.W.	- SOLID WHITE
I.W.	- INTERMITTEN WHITE
D.W.	- DOTTED WHITE
S.Y.	- SOLID YELLOW
SWY	- SOLID WHITE YIELD BAR
I.Y.	- INTERMITTEN YELLOW
-T	- THERMOPLASTIC
-C	- BLACK CONTRAST MARKINGS
SWRTA	- SOLID WHITE RIGHT TURN ARROW
SWLTA	- SOLID WHITE LEFT TURN ARROW
SWSTA	- SOLID WHITE STRAIGHT ARROW
SWSTRTA	- SOLID WHITE STRAIGHT/RIGHT TURN ARROW
SWSTLTA	- SOLID WHITE STRAIGHT/LEFT TURN ARROW



DATE PREPARED
11/26/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 25

COUNTY
ST. LOUIS

JOB NO.
JSL0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

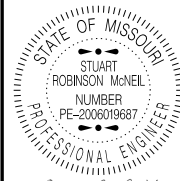
DATE	DESCRIPTION

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 6 OF 10



STUART ROBINSON MCNEIL
 NUMBER PE-2006019687
 PROFESSIONAL ENGINEER

DATE PREPARED
 11/26/2024

ROUTE STATE
 141 MO

DISTRICT SHEET NO.
 SL 26

COUNTY
 ST. LOUIS

JOB NO.
 JSL0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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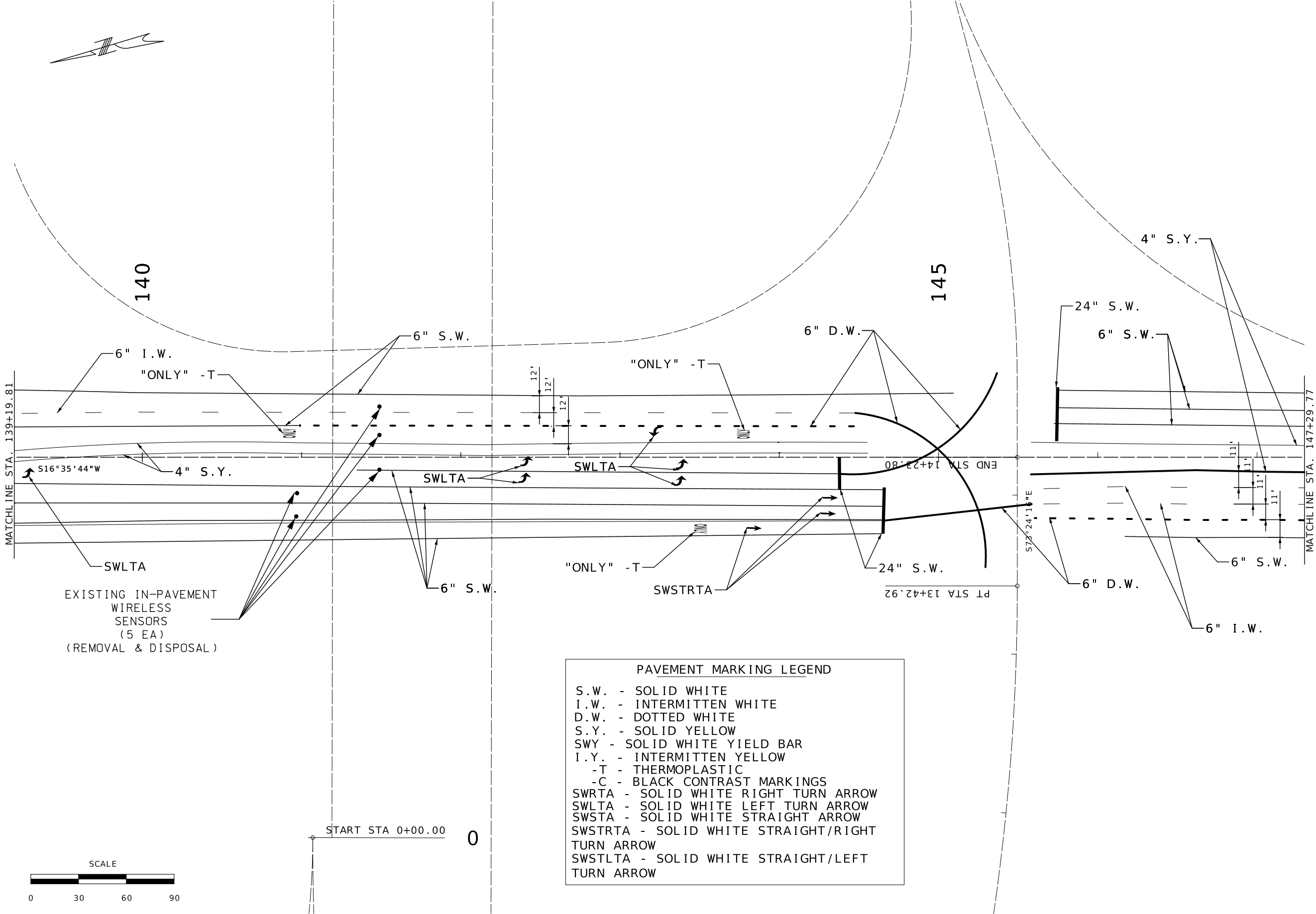
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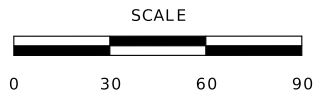
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

PAVEMENT MARKING SHEET
 SHEET 7 OF 10



PAVEMENT MARKING LEGEND

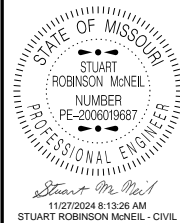
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- I.W. - INTERMITTEN WHITE
- D.W. - DOTTED WHITE
- S.Y. - SOLID YELLOW
- SWY - SOLID WHITE YIELD BAR
- I.Y. - INTERMITTEN YELLOW
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- C - BLACK CONTRAST MARKINGS
- SWRTA - SOLID WHITE RIGHT TURN ARROW
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- SWSTA - SOLID WHITE STRAIGHT ARROW
- SWSTRTA - SOLID WHITE STRAIGHT/RIGHT TURN ARROW
- SWSTLTA - SOLID WHITE STRAIGHT/LEFT TURN ARROW



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EXISTING IN-PAVEMENT WIRELESS SENSORS (5 EA) (REMOVAL & DISPOSAL)





11/27/2024 8:13:26 AM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/26/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 27

COUNTY
ST. LOUIS

JOB NO.
JSL0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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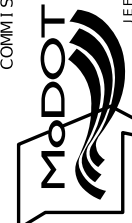
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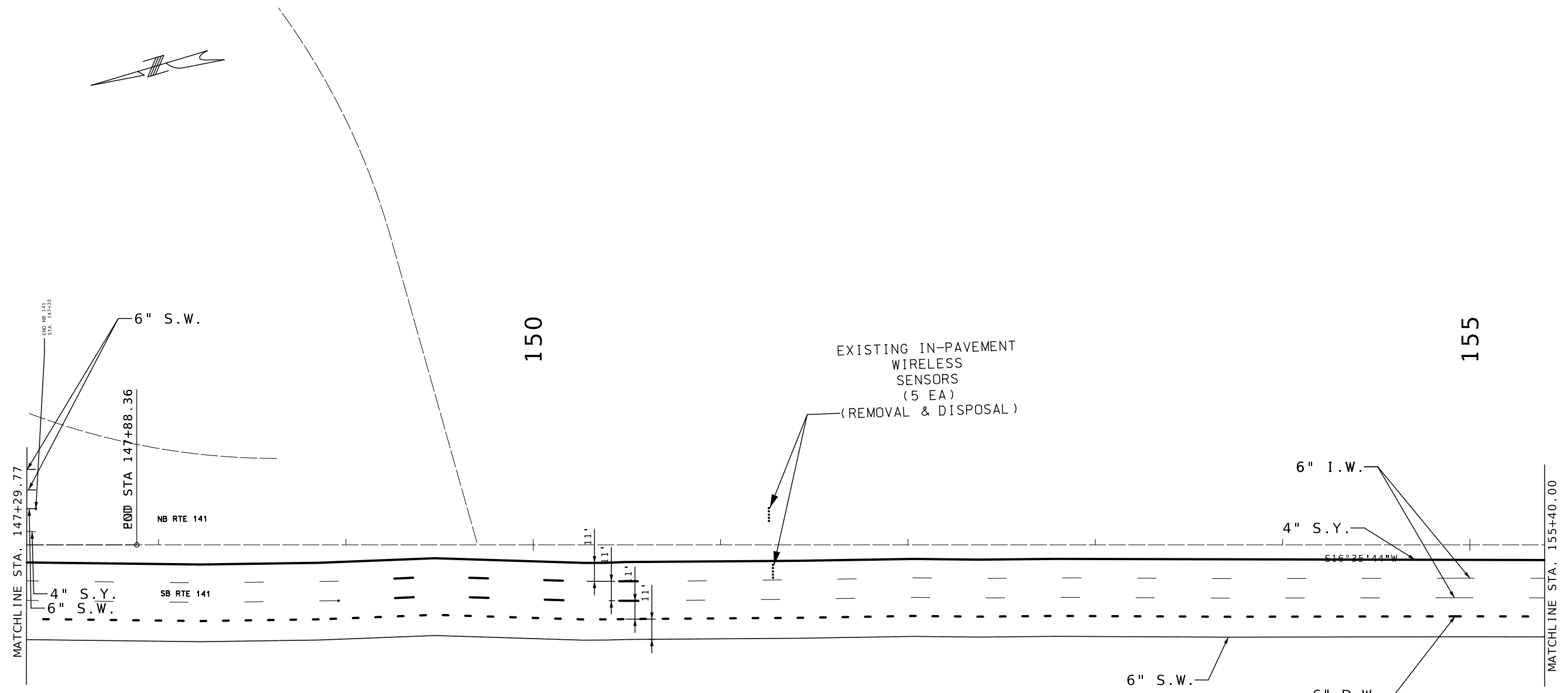
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



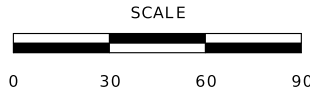
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

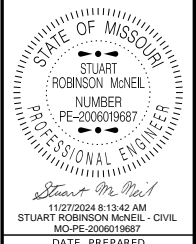
PAVEMENT MARKING SHEET
SHEET 8 OF 10



PAVEMENT MARKING LEGEND

- S.W. - SOLID WHITE
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- D.W. - DOTTED WHITE
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- SWSTLTA - SOLID WHITE STRAIGHT/LEFT TURN ARROW

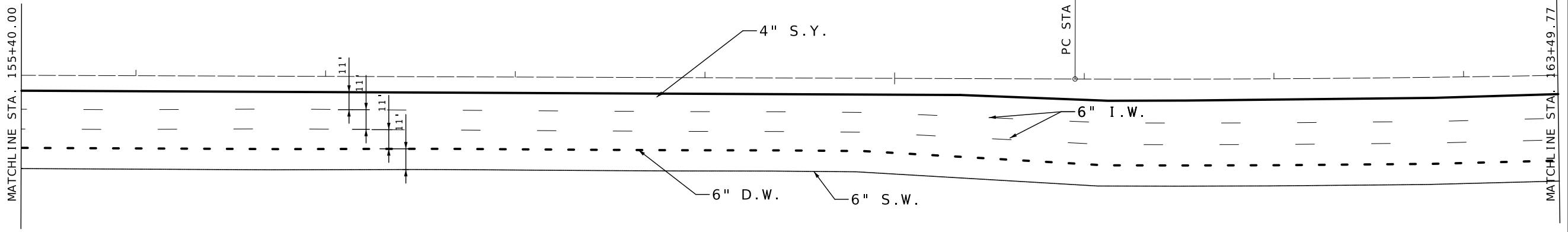




DATE PREPARED 11/26/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 28
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

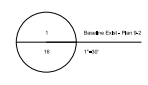
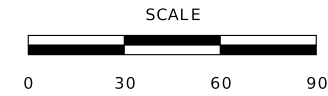
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19-1a
EX. POST & FTG. (R)

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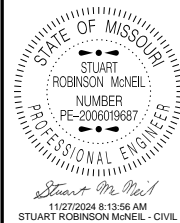
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I.W.	- INTERMITTEN WHITE
D.W.	- DOTTED WHITE
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SWSTLTA	- SOLID WHITE STRAIGHT/LEFT TURN ARROW



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 10



DATE PREPARED
11/26/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	29

COUNTY
ST. LOUIS

JOB NO.
JSL0078

CONTRACT ID.

PROJECT NO.

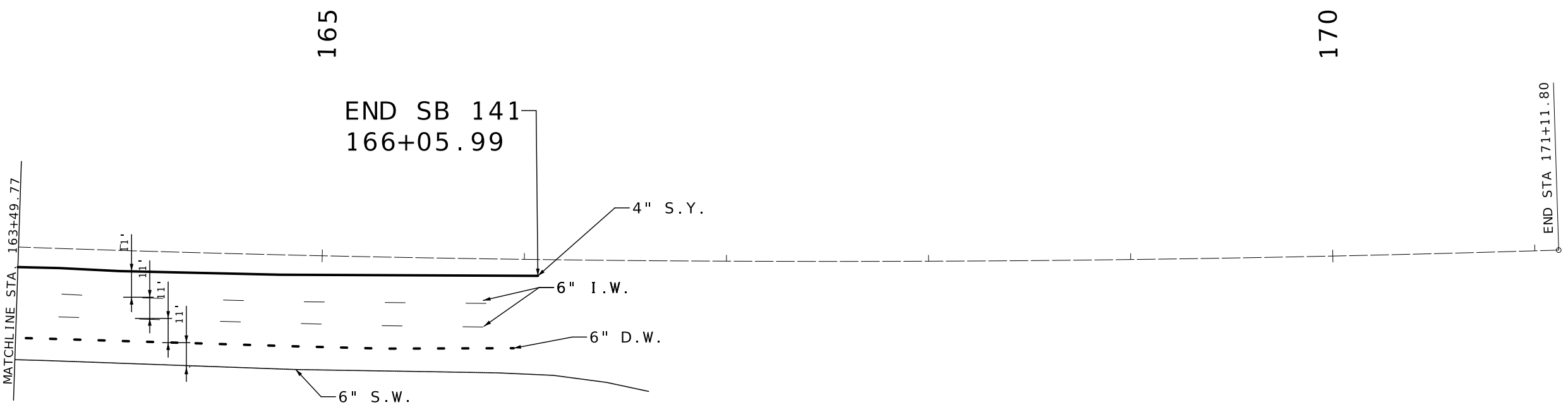
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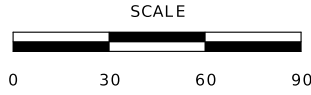
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

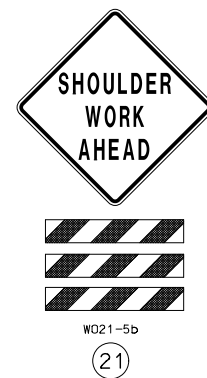
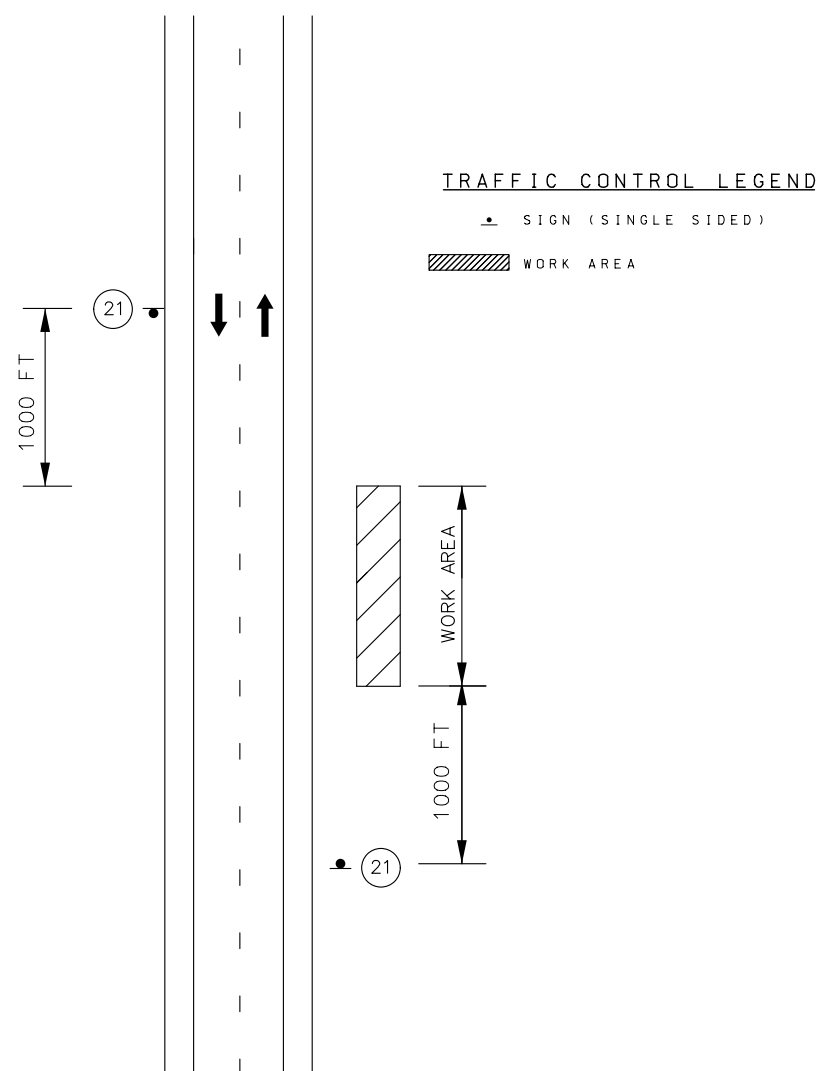
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PAVEMENT MARKING SHEET
SHEET 10 OF 10



- PAVEMENT MARKING LEGEND
- S.W. - SOLID WHITE
 - I.W. - INTERMITTEN WHITE
 - D.W. - DOTTED WHITE
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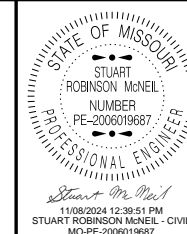


NOTES:

- ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.
- ON MULTI-LANE, DIVIDED HIGHWAYS, SIGNS ADVISING OF THE SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.
- VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

NOT TO SCALE


SHOULDER WORK
WORK BEYOND THE SHOULDER
DIVIDED AND UNDIVIDED



DATE PREPARED 11/7/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 30
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

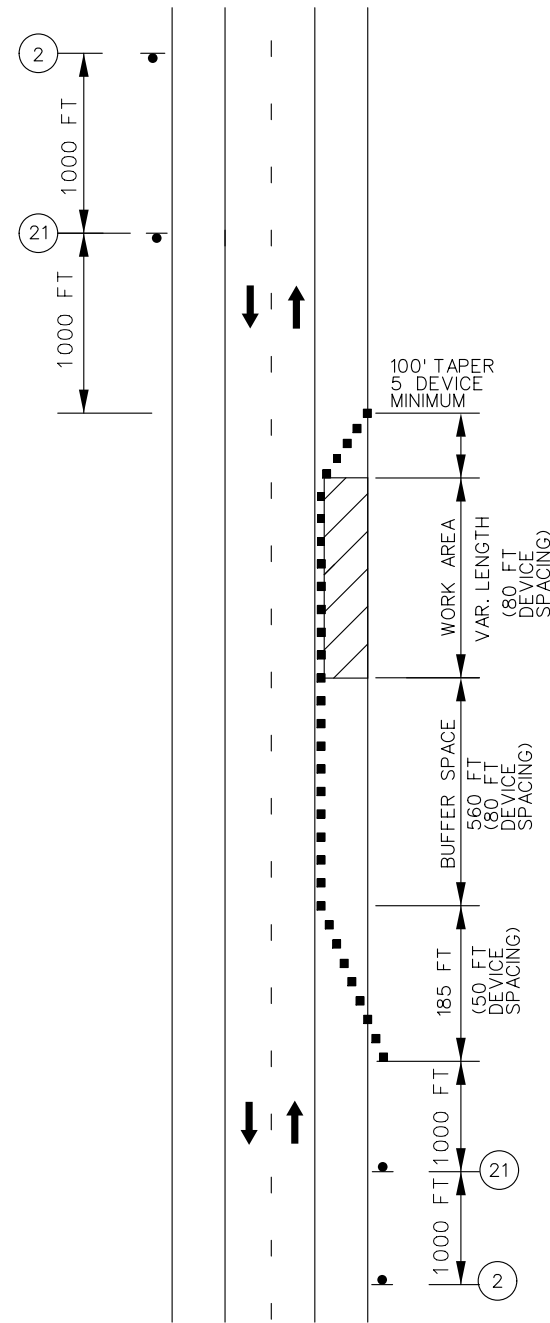
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

TRAFFIC CONTROL
WORK BEYOND SHOULDER

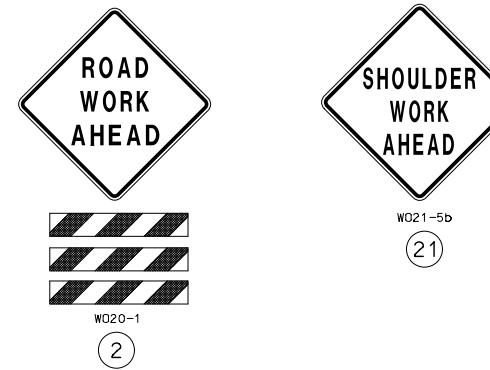
NOT TO SCALE



WORK ON THE SHOULDER ON DIVIDED AND UNDIVIDED HIGHWAYS

TRAFFIC CONTROL LEGEND

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



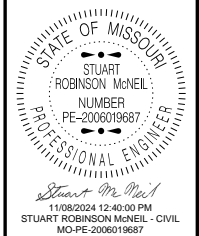
NOTES:

ON MULTI-LANE, DIVIDED HIGHWAYS, SIGNS ADVISING OF THE SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.

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.



DATE PREPARED 11/7/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 31
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

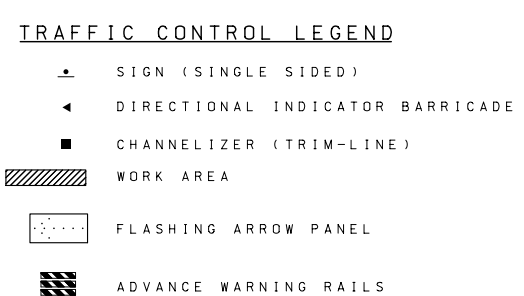
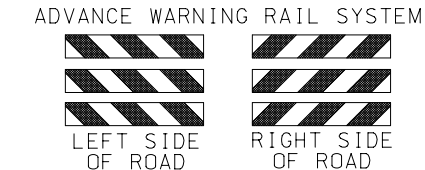
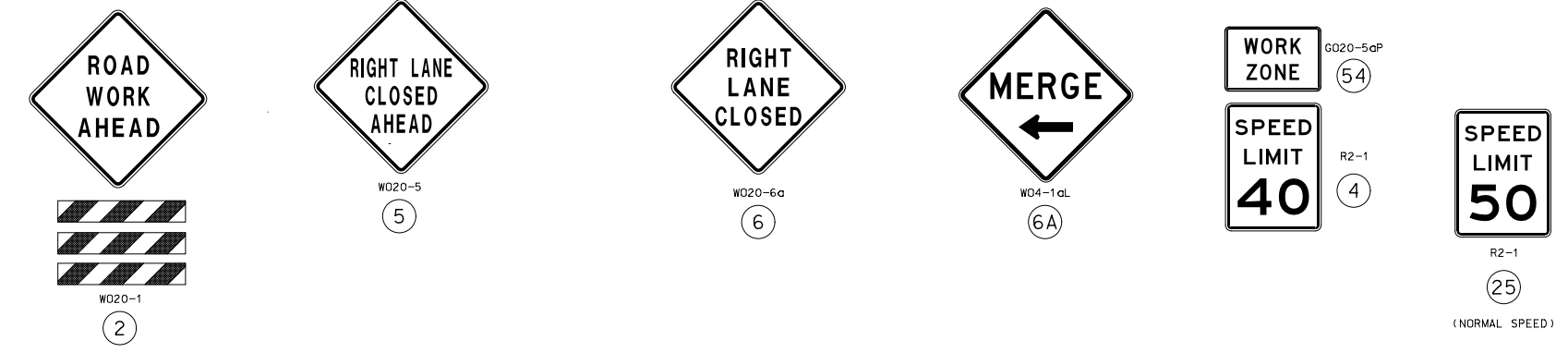
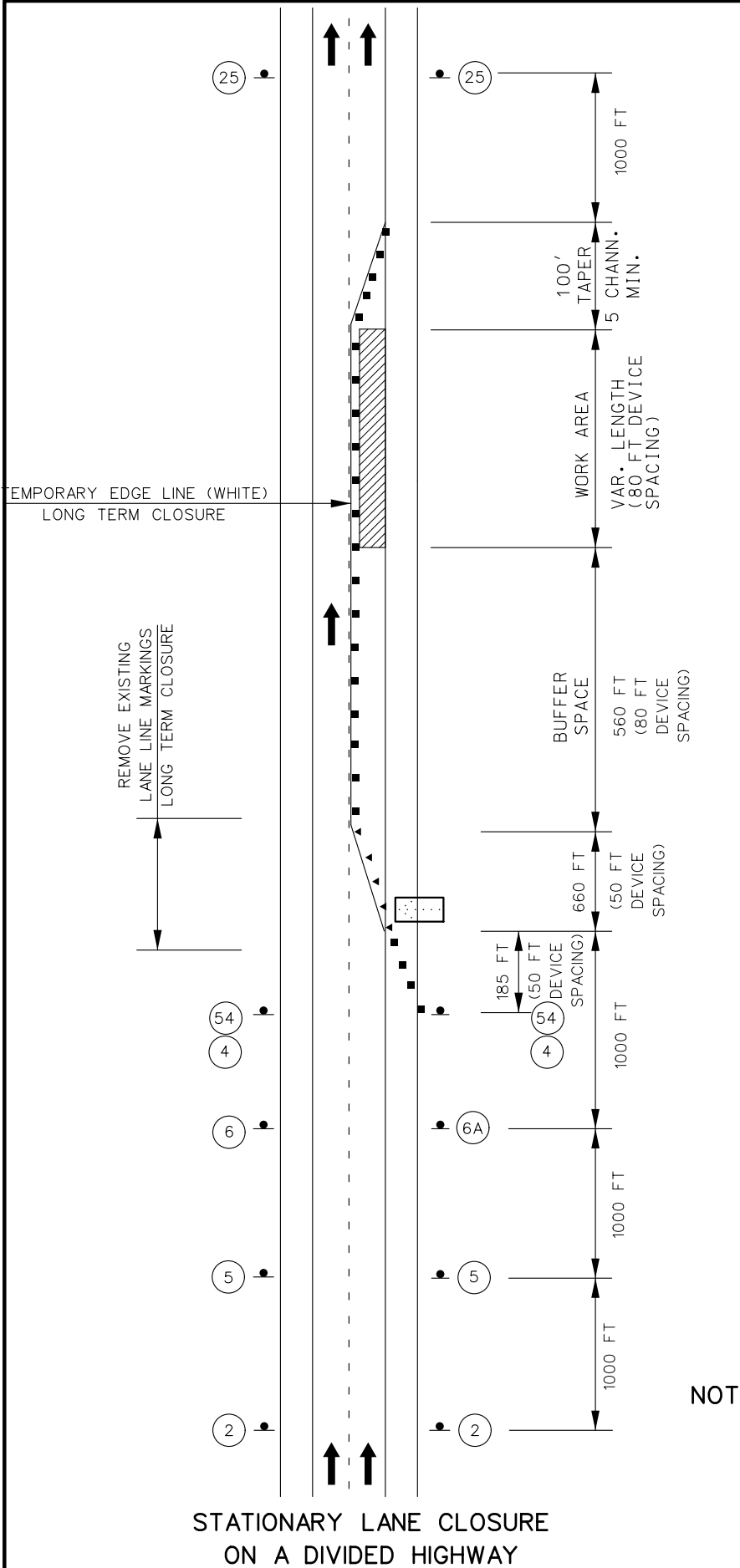
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TRAFFIC CONTROL WORK ON THE SHOULDER



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.

NOT TO SCALE

STATE OF MISSOURI
 STUART ROBINSON McNEIL
 NUMBER PE-2006019687
 PROFESSIONAL ENGINEER
Stuart McNeil
 11/08/2024 12:40:09 PM
 STUART ROBINSON McNEIL - CIVIL
 MO-PE-2006019687

DATE PREPARED 11/7/2024
 ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 32
 COUNTY ST. LOUIS
 JOB NO. JSL0078
 CONTRACT ID.

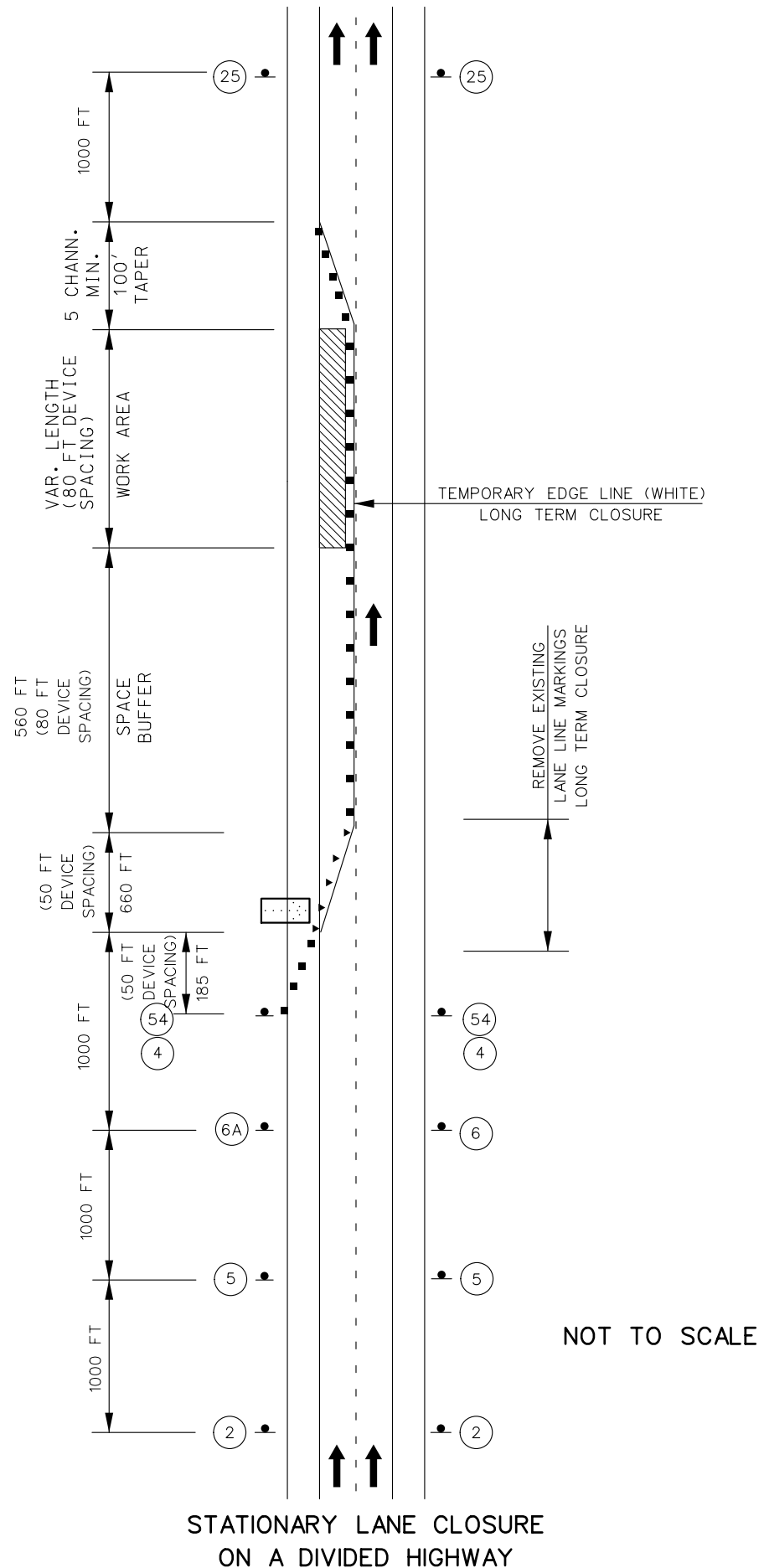
PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

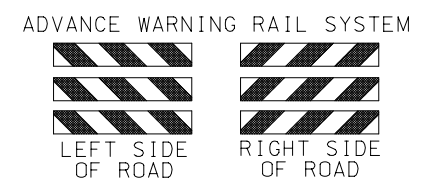
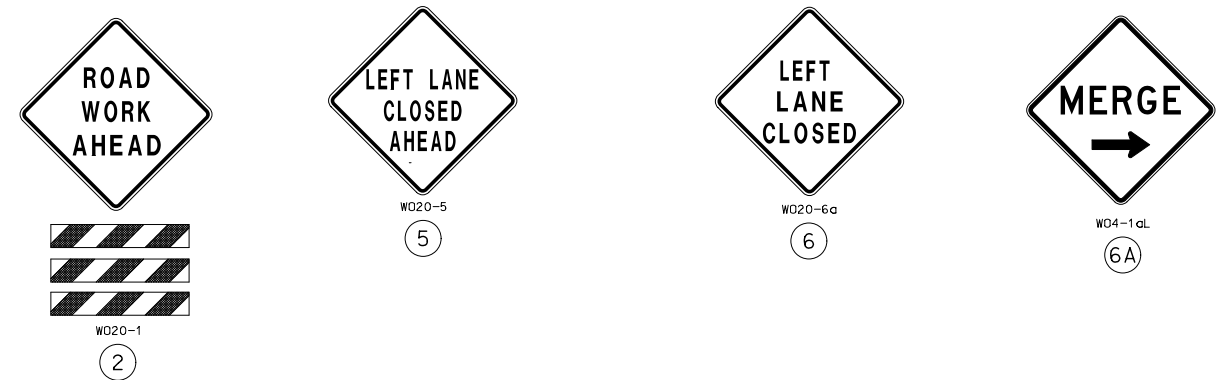
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
 RIGHT LANE CLOSURE



**STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY**



TRAFFIC CONTROL LEGEND

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

NOTES:

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.
 REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

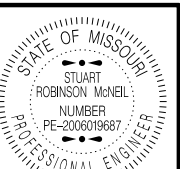
THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED
 IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS
 CASE, THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR
 LANE ENDS SIGNS SHALL BE SUBSTITUTED.

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

WORK ZONE G020-5aP
54

SPEED LIMIT 40 R2-1
4

SPEED LIMIT 50 R2-1
25
(NORMAL SPEED)



DATE PREPARED
 11/7/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 33

COUNTY ST. LOUIS

JOB NO. JSL0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

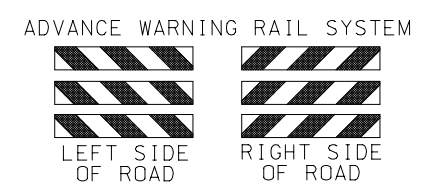
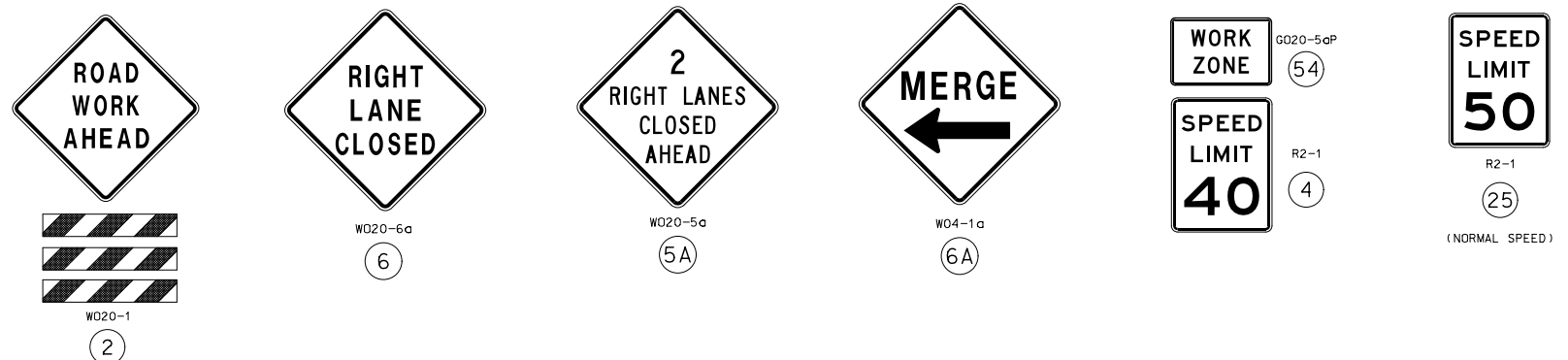
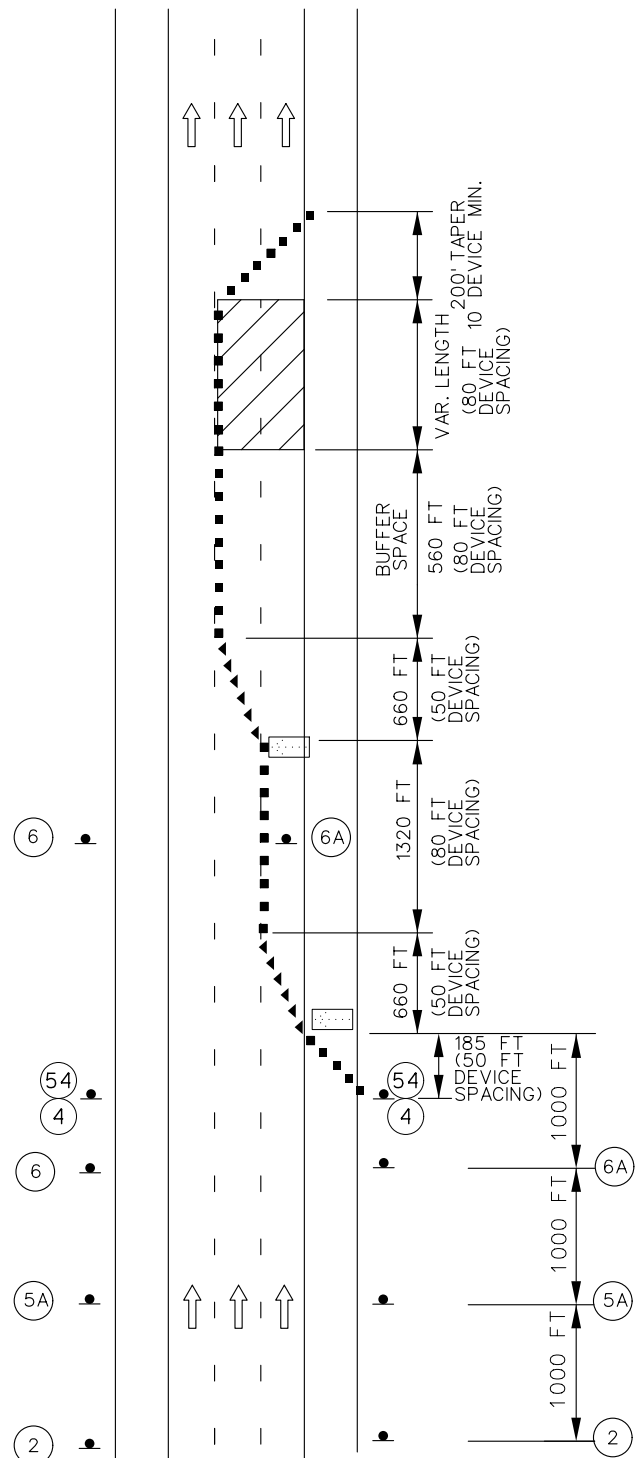
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

**TRAFFIC CONTROL
LEFT LANE CLOSURE**

NOT TO SCALE

DOUBLE LANE CLOSURE ON A FREEWAY



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

NOTES:

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.

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

DATE PREPARED 11/7/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 34
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
TRAFFIC CONTROL DOUBLE RIGHT LANE CLOSURE	


STATE OF MISSOURI
 STUART ROBINSON McNEIL
 NUMBER PE-2006019687
 PROFESSIONAL ENGINEER
 11/08/2024 12:41:16 PM
 STUART ROBINSON McNEIL - CIVIL
 MO-PE-2006019687

DATE PREPARED
 11/7/2024

ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 35
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

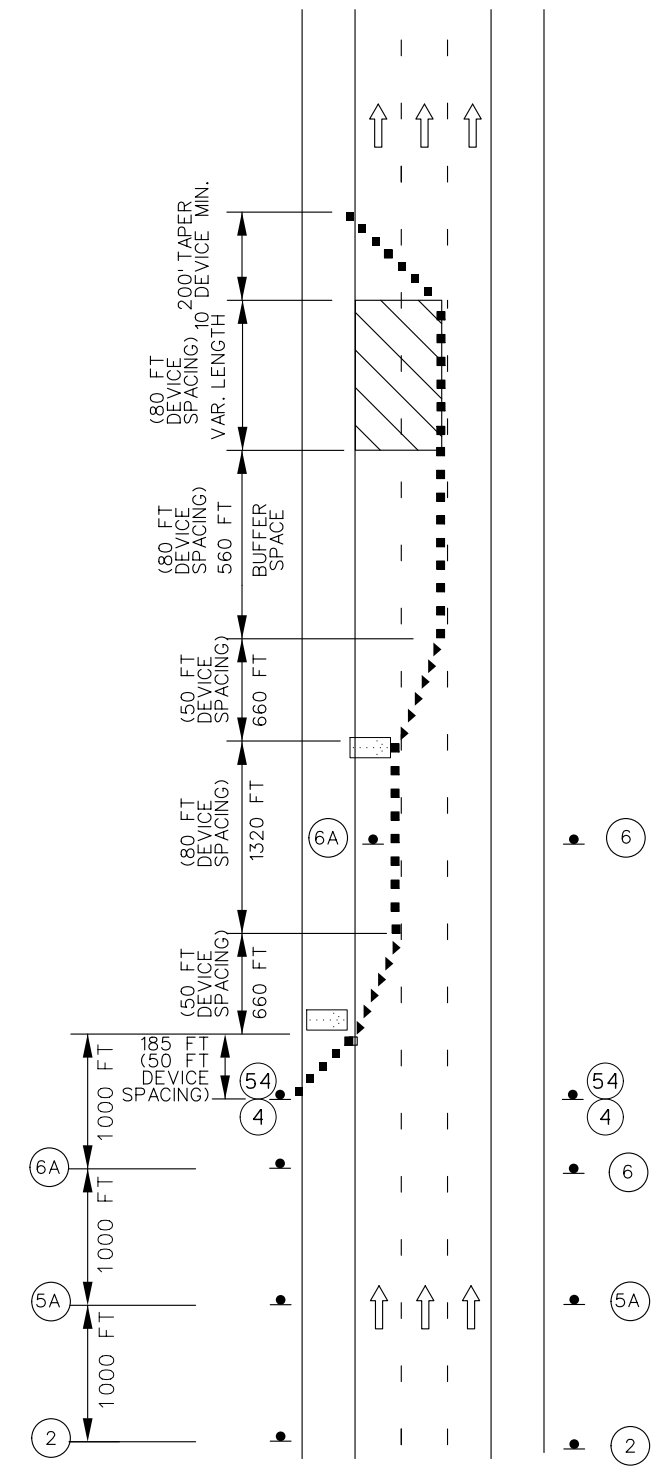
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



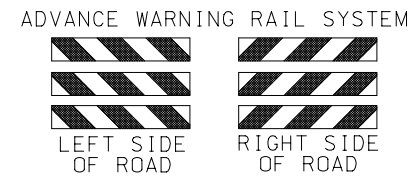
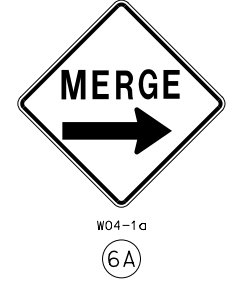
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
 DOUBLE LEFT TURN CLOSURE



DOUBLE LANE CLOSURE
 ON A FREEWAY

NOT TO SCALE

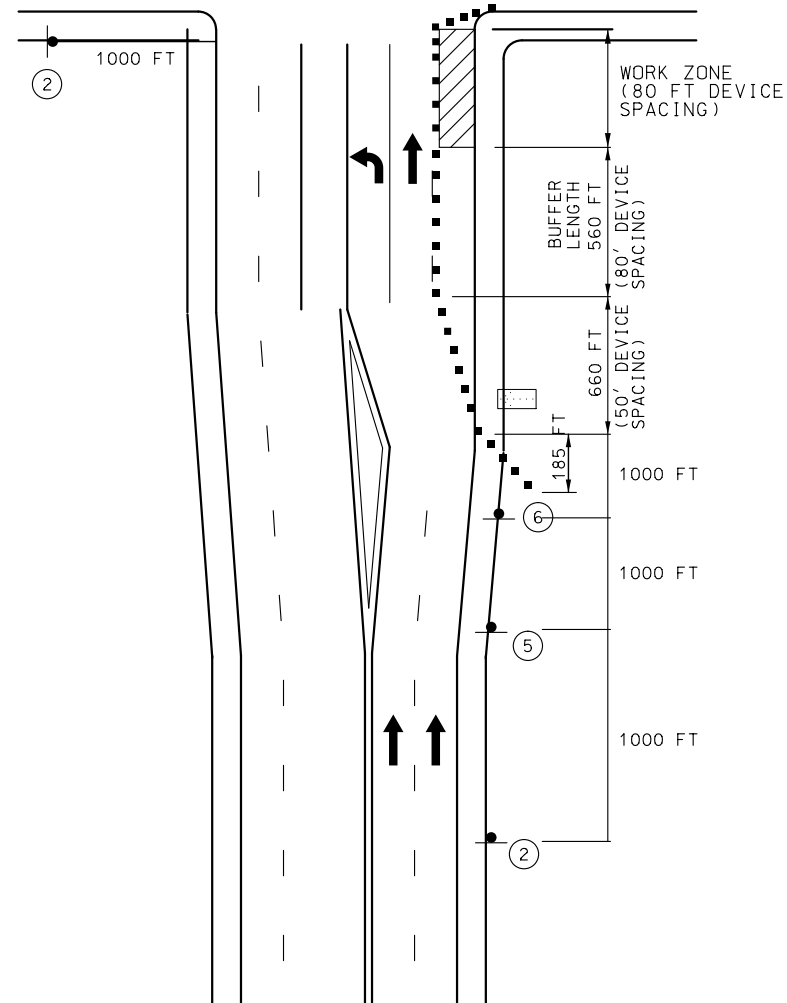
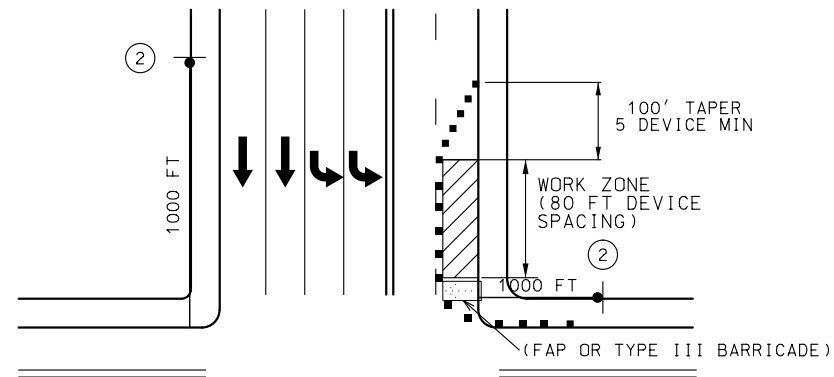


NOTES:

- REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.
- A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

TRAFFIC CONTROL LEGEND

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



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



W020-1

2



W020-5

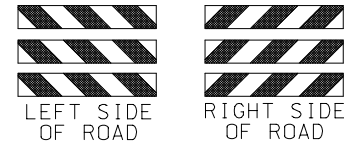
5



W020-6a

6

ADVANCE WARNING RAIL SYSTEM



NOTES:

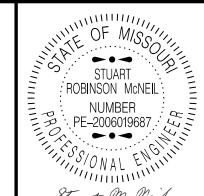
REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

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.

NOT TO SCALE



11/08/2024 12:41:29 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/7/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 36

COUNTY
ST. LOUIS

JOB NO.
JSL0078

CONTRACT ID.

PROJECT NO.

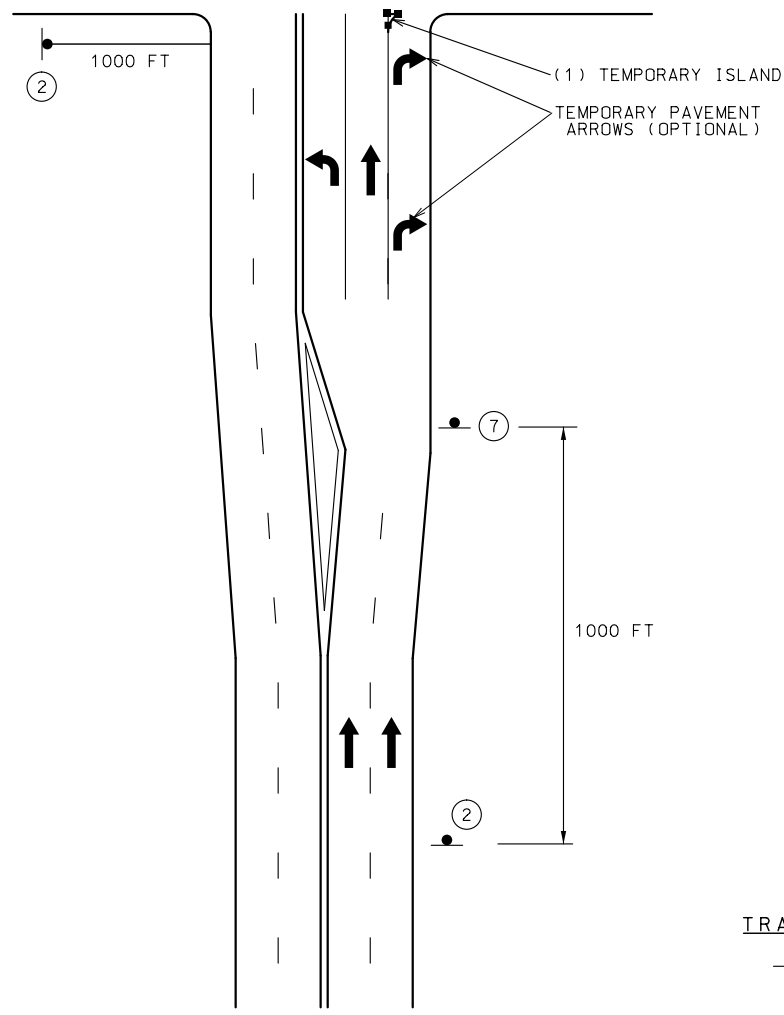
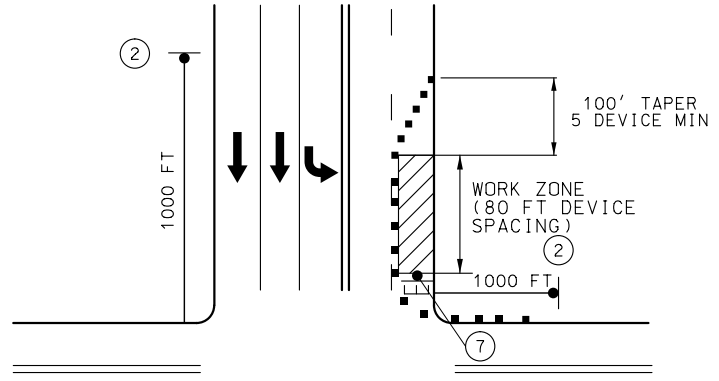
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
RIGHT LANE CLOSURE
AT INTERSECTION



RIGHT LANE CLOSURE AT INTERSECTION
WORK ON FAR SIDE



W020-1
2

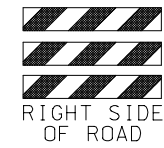


R3-7R
7

ADVANCE WARNING RAIL SYSTEM



LEFT SIDE OF ROAD



RIGHT SIDE OF ROAD

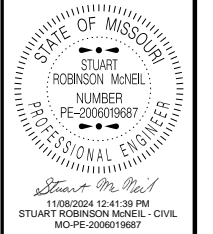
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- ⌋ TYPE 3 MOVEABLE BARRICADE

NOTES:

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
 REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
 PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
 TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
 FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-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.
 (1) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.

NOT TO SCALE



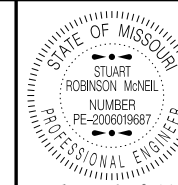
DATE PREPARED 11/7/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 37
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
RIGHT LANE CLOSURE
ON FAR SIDE OF
INTERSECTION



STUART ROBINSON McNEIL
 NUMBER PE-2006019687
 PROFESSIONAL ENGINEER

DATE PREPARED 11/7/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 38

COUNTY ST. LOUIS

JOB NO. JSL0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

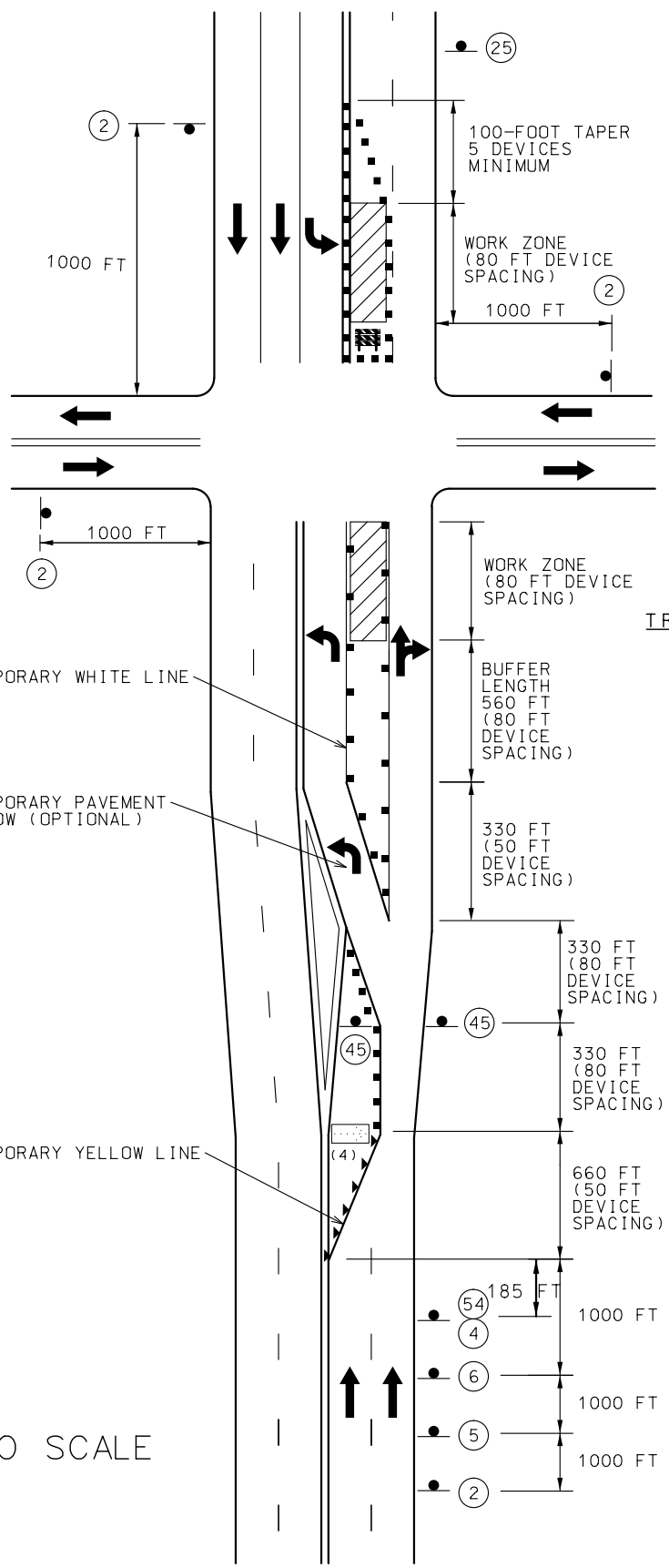
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

TRAFFIC CONTROL LEFT LANE CLOSURE AT INTERSECTION



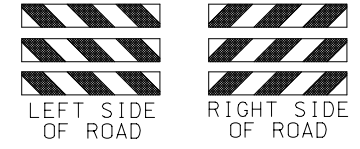
NOT TO SCALE

LEFT LANE CLOSURE AT INTERSECTION
 WORK ON NEAR OR FAR SIDE

TRAFFIC CONTROL LEGEND

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

ADVANCE WARNING RAIL SYSTEM



W020-5
5



W020-6a
6



G020-5aP
54



R2-1
4



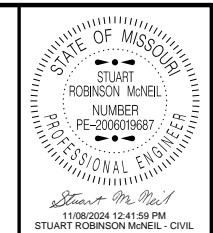
R2-1
(NORMAL SPEED)
25



R3-7L
45

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



DATE PREPARED
11/7/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 39

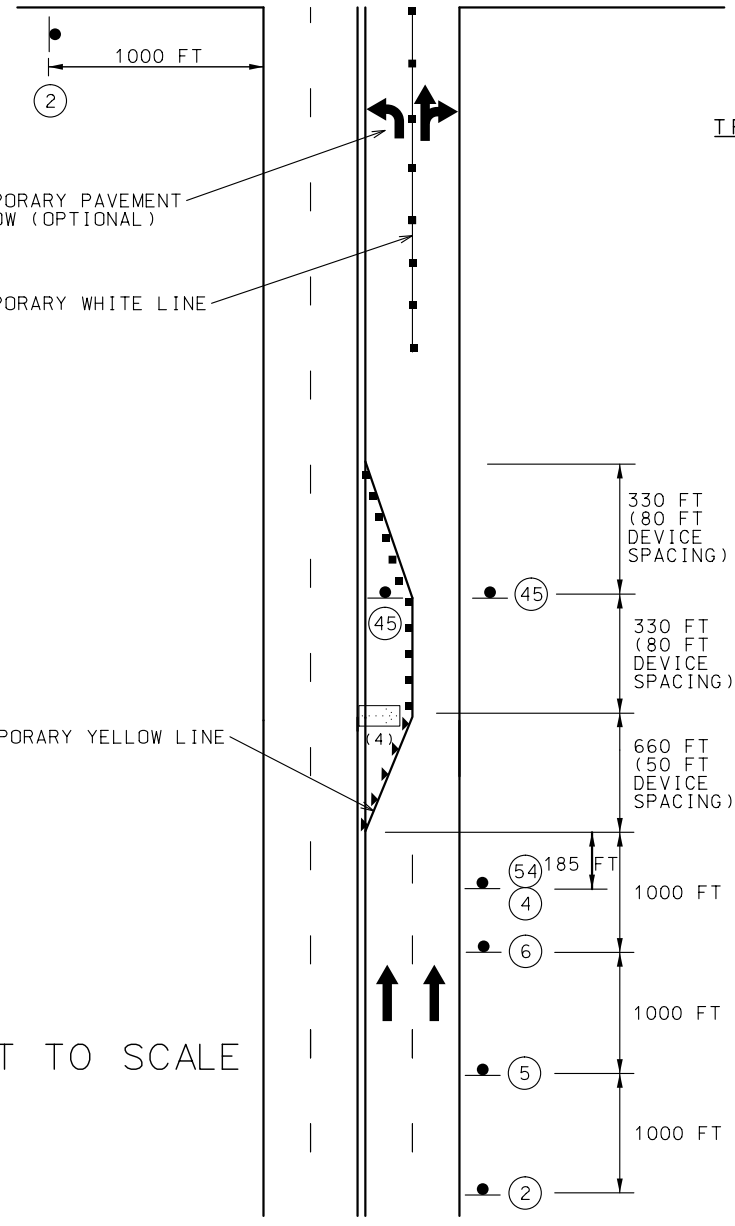
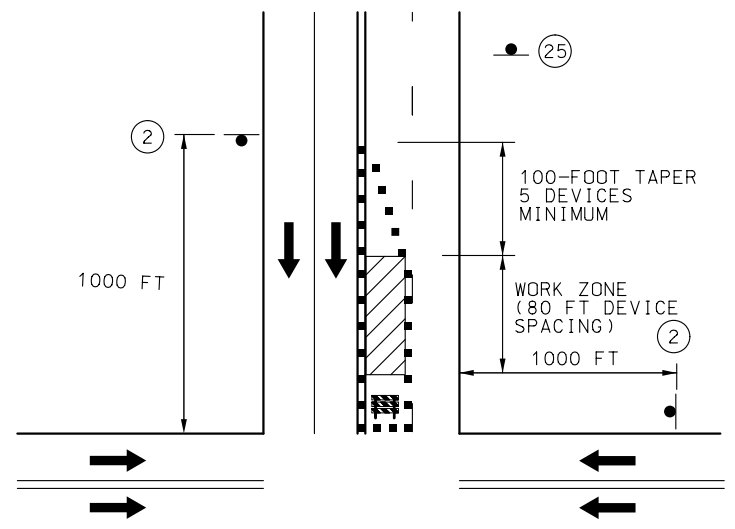
COUNTY ST. LOUIS

JOB NO. JSL0078

CONTRACT ID.

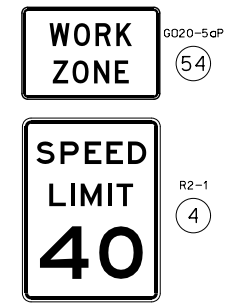
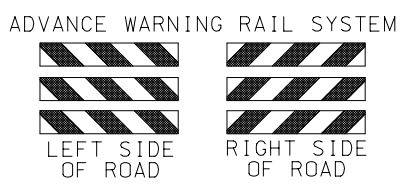
PROJECT NO.

BRIDGE NO.



TRAFFIC CONTROL LEGEND

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



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

NOT TO SCALE

**LEFT LANE CLOSURE AT INTERSECTION
WORK ON FAR SIDE**

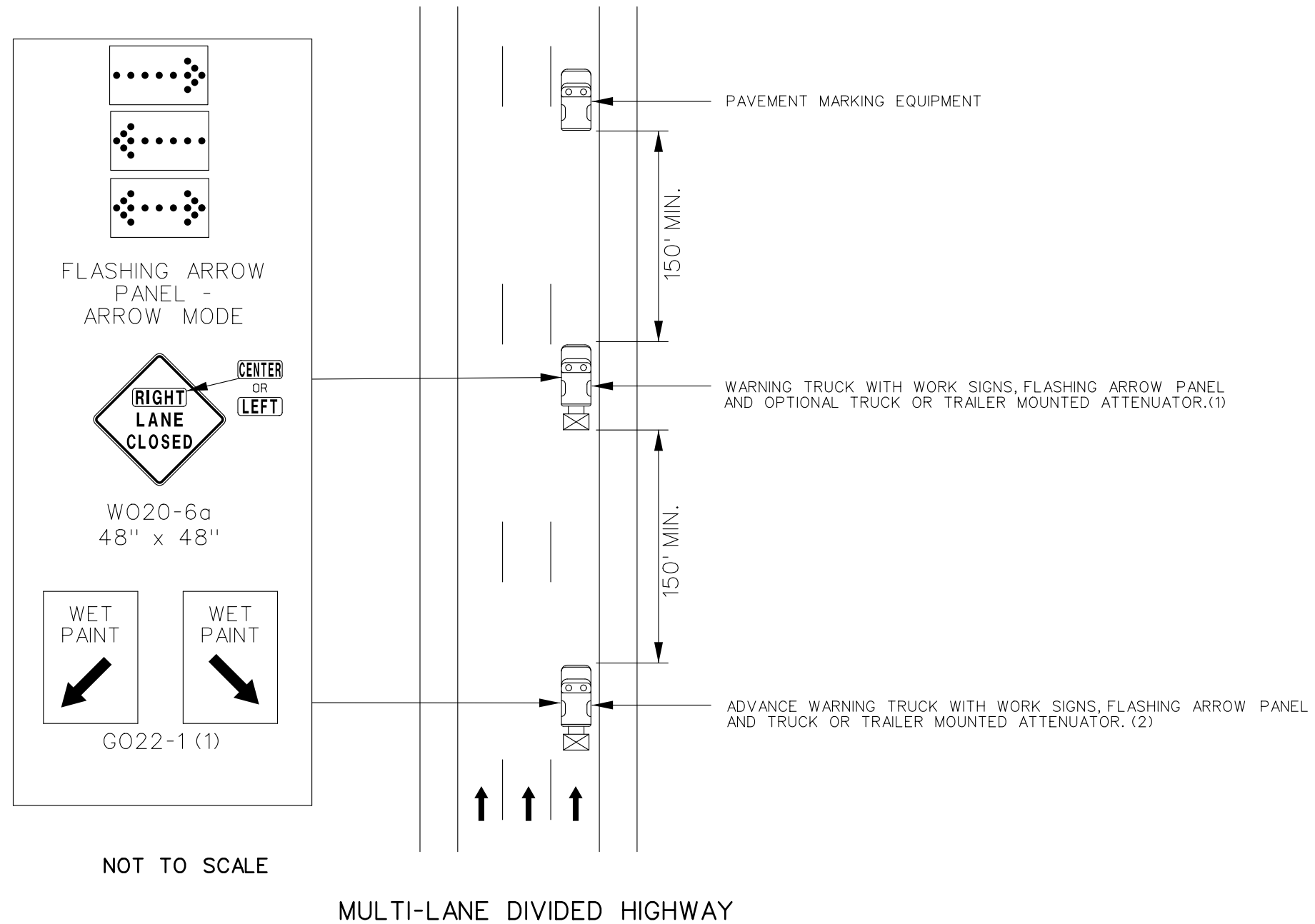
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

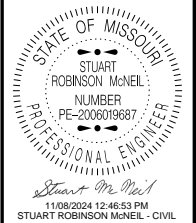
**TRAFFIC CONTROL
LEFT LANE CLOSURE
ON FAR SIDE OF
INTERSECTION**

CENTER LINE AND OR LANE LINE STRIPING ON MULTI-LANE DIVIDED HIGHWAYS



NOTES:

- UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.
- PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- VEHICLE HAZARD WARNING LIGHTS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- (1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION. A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.
- (2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.
- FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.
- VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGEND ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
- A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH LANE.



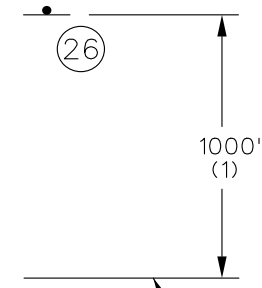
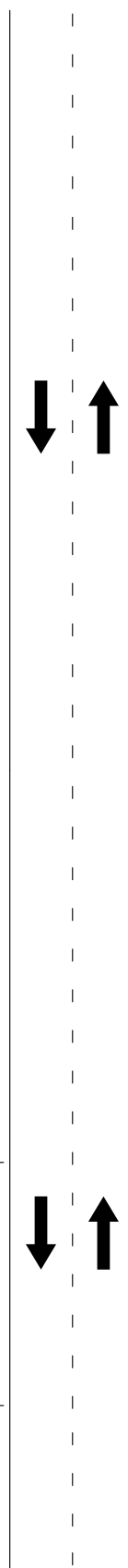
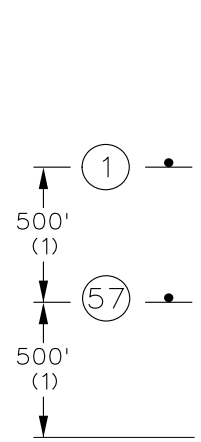
DATE PREPARED 11/7/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 40
COUNTY ST. LOUIS	
JOB NO. JSL0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

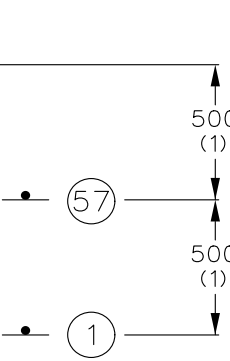
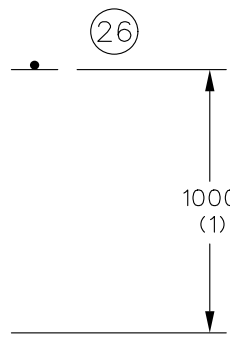
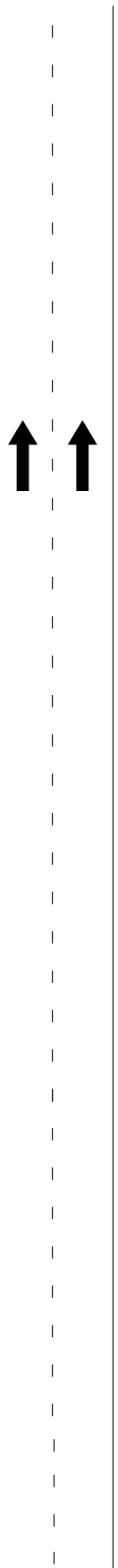
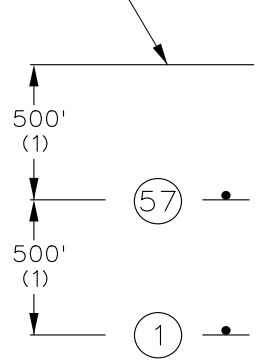
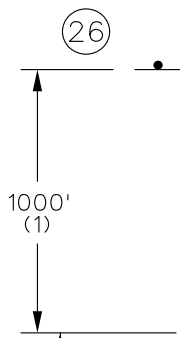
105 WEST CAPITOL JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL STRIPING



END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

BEGINNING OF PROJECT LIMITS; OR INITIAL WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.



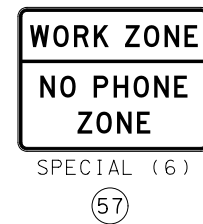
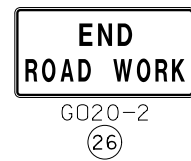
NOTES:

SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

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

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

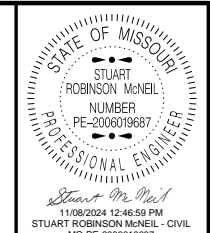


TWO-LANE UNDIVIDED

NOT TO SCALE

MULTI-LANE DIVIDED

BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)



DATE PREPARED: 11/7/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	41
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0078	
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)

TRAFFIC CONTROL
BEGIN/END OF
PROJECT SIGNING

DESIGN DESIGNATION

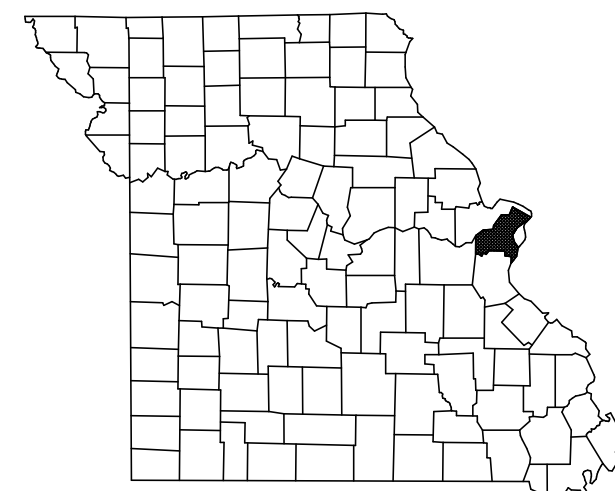
A.A.D.T. - 2025 = 31,823(141); 11,497(WB Ramp)
 12,832(EB Ramp)
 A.A.D.T. - 2045 = 38,830(141); 14,029(WB Ramp)
 15,657(EB Ramp)
 D.H.V. = 10%
 T = 6.4%(141); 18.5%(WB Ramp)
 3.9%(EB Ramp)
 V (M.P.H.) = 50(141); 25(WB); 40(EB)
 D = 50%/50% , 100%
 FUNCTIONAL CLASSIFICATION- FREEWAY, INTERSTATE RAMPS
 (141) (EB AND WB RAMPS)

NO NEW R/W TO BE ACQUIRED

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

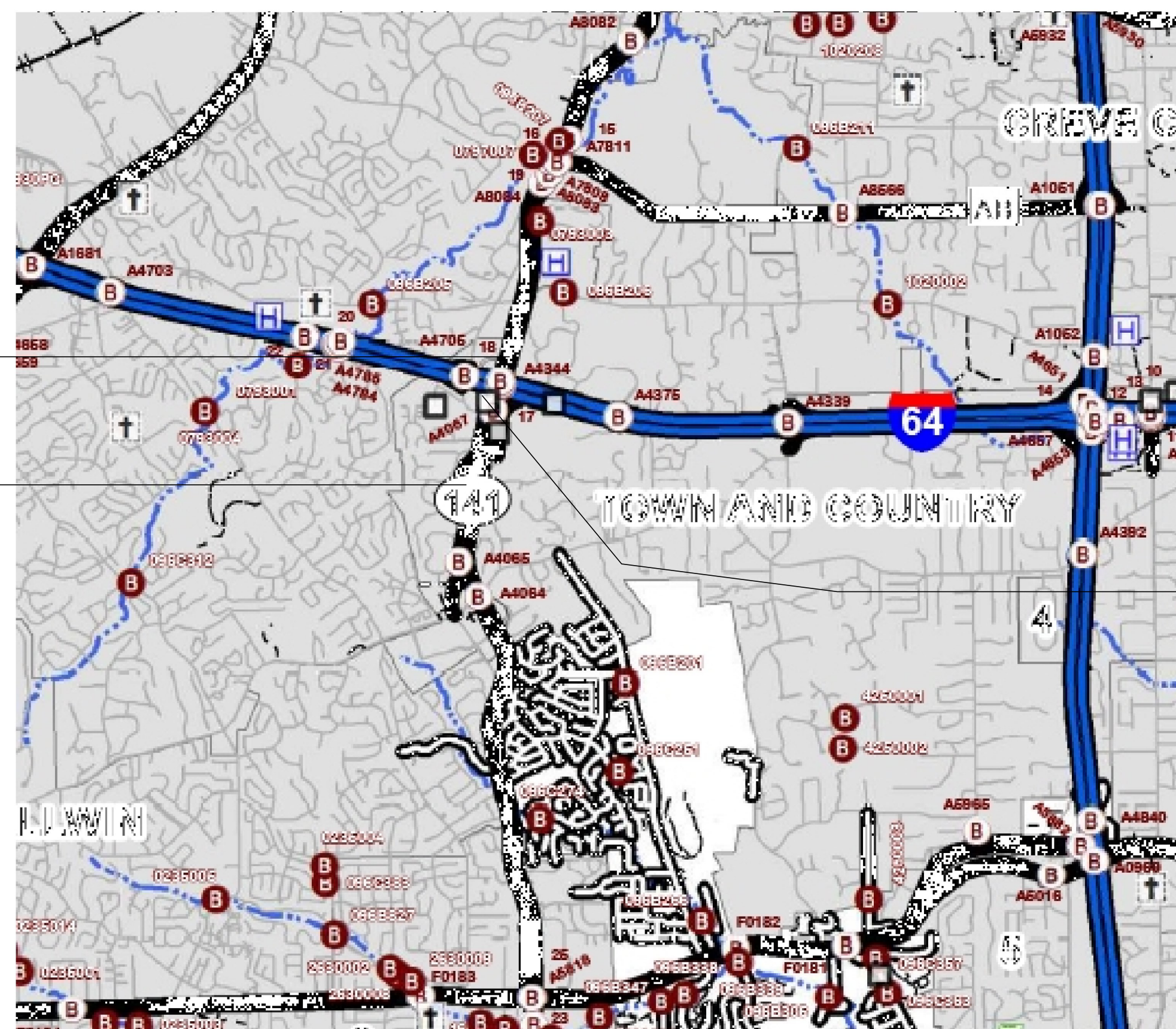
PLANS FOR PROPOSED STATE HIGHWAY

ST. LOUIS COUNTY



KEY MAP
LOCATION OF SL COUNTY

ROUTE 141, I-64 E.B. EXIT RAMP TO 141,
I-64 W.B. EXIT RAMP TO 141



I-64 EB EXIT RAMP TO 141
STA 4+00 TO STA 14+23.80

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES	[Symbol]	[Symbol]
GUARD RAIL	[Symbol]	[Symbol]
GUARD CABLE	[Symbol]	[Symbol]
CONCRETE RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
STEEL RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
LOCATION SURVEY MARKER	[Symbol]	[Symbol]
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	[Symbol]	[Symbol]
FIRE HYDRANT	[Symbol]	[Symbol]
WATER VALVE	[Symbol]	[Symbol]
WATER METER	[Symbol]	[Symbol]
DROP INLET	[Symbol]	[Symbol]
DITCH BLOCK	[Symbol]	[Symbol]
GROUND MOUNTED SIGN	[Symbol]	[Symbol]
LIGHT POLE	[Symbol]	[Symbol]
H-FRAME POWER POLE	[Symbol]	[Symbol]
TELEPHONE PEDESTAL	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
CHAIN LINK	[Symbol]	[Symbol]
WOVEN WIRE	[Symbol]	[Symbol]
GATE POST	[Symbol]	[Symbol]
BENCHMARK	[Symbol]	[Symbol]

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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.

PAVEMENT WIDENING, TRAFFIC SIGNALS,
GUARDRAIL, SIGNING, RAMP WIDENING,
DRAINAGE, EARTHWORK

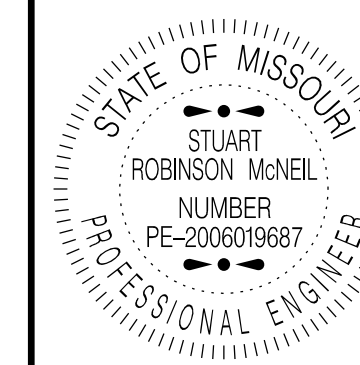
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
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QUANTITIES (QU) (6 SHEETS)	3
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SIGNING (SN)	69-86
PAVEMENT MARKING (PM)	87-88
CULVERT SECTIONS (CS)	89

LENGTH OF PROJECT

RT 141	
BEGINNING OF PROJECT	STA. 134 + 00.00
END OF PROJECT	STA. 166 + 05.99
APPARENT LENGTH	3205.99 FEET
EQUATIONS AND EXCEPTIONS:	NONE
I-64 EB EXIT RAMP TO 141	
BEGINNING OF PROJECT	STA. 4 + 00.00
END OF PROJECT	STA. 14 + 23.80
APPARENT LENGTH	1023.80 FEET
EQUATIONS AND EXCEPTIONS:	NONE
I-64 WB LOOP RAMP TO 141 WIDENING SECTION	
BEGINNING OF PROJECT	STA. 1+78.70
END OF PROJECT	STA. 10+22.48
APPARENT LENGTH	843.78 FEET
EQUATIONS AND EXCEPTIONS:	NONE
I-64 WB LOOP RAMP TO 141 NEW RIGHT TURNS LANES	
BEGINNING OF PROJECT	STA. 0+00.00
END OF PROJECT	STA. 3+01.61
APPARENT LENGTH	301.61 FEET
EQUATIONS AND EXCEPTIONS:	NONE
RT 141	
TOTAL CORRECTIONS	00.00 FEET
NET LENGTH OF PROJECT	5375.18 FEET
STATE LENGTH	1.018 MILES
FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	1.57 ACRES



11/20/2024 3:40:41 PM
STUART ROBINSON MAEHL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/20/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 1

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

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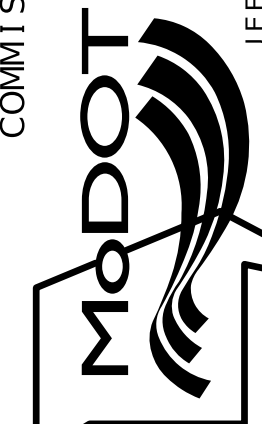
DESCRIPTION

DATE

DESCRIPTION

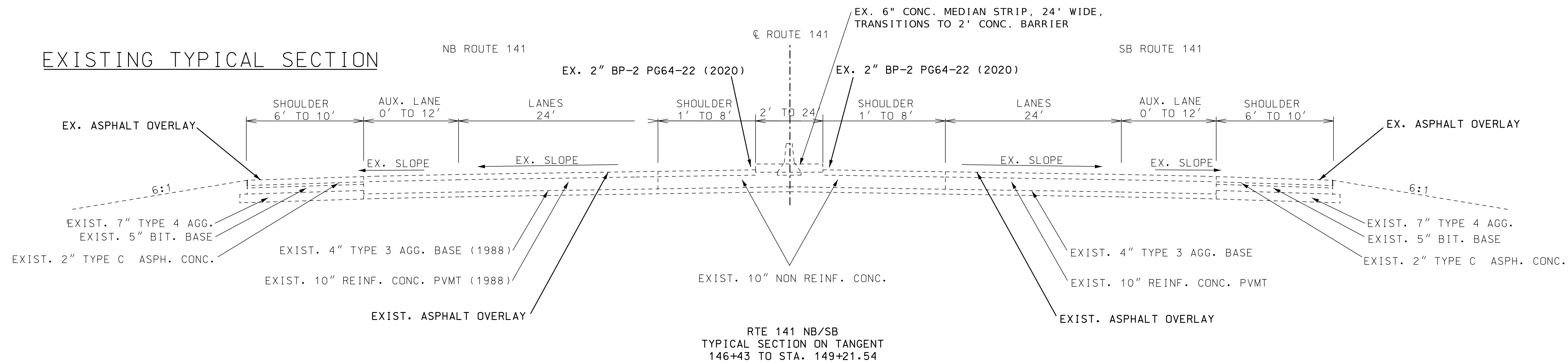
DATE

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



TITLE SHEET

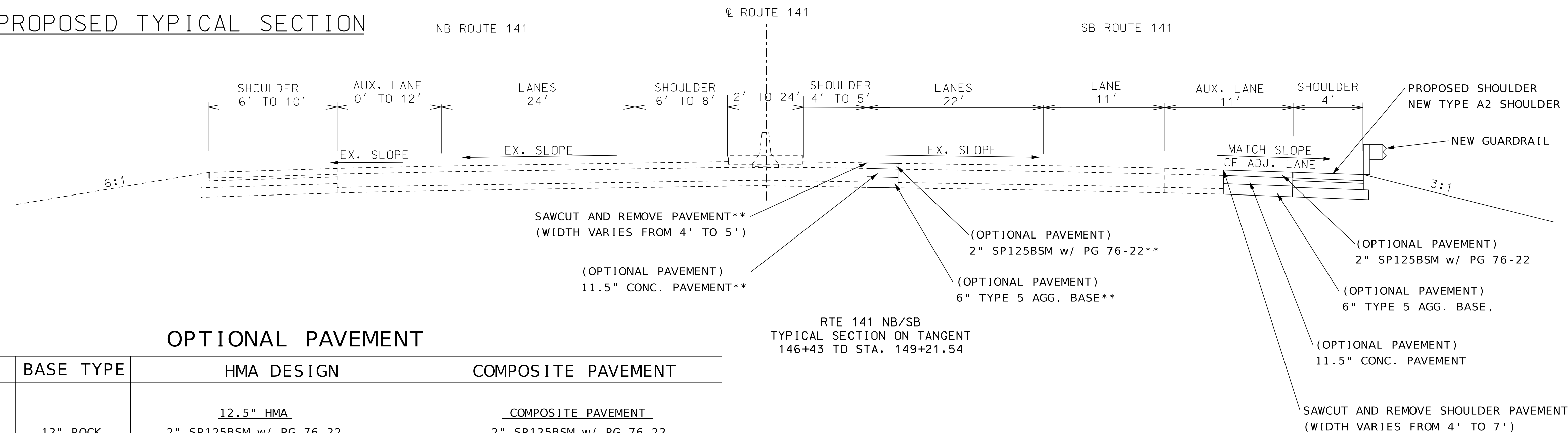
EXISTING TYPICAL SECTION



- ASPHALT APPLICATION RATES**
 SP125BSM - 1.92 TONS/CY
 SP125B - 1.95 TONS/CY
 SP250C - 2.02 TONS/CY
 SP190C - 1.96 TONS/CY

NOTE: TYPICAL SECTIONS ARE BASED ON COMPOSITE OPTIONAL PAVEMENT WITH 6" AGG. BASE, SEE PAVEMENT SELECTION LETTER FOR ALL PAVEMENT OPTIONS

PROPOSED TYPICAL SECTION



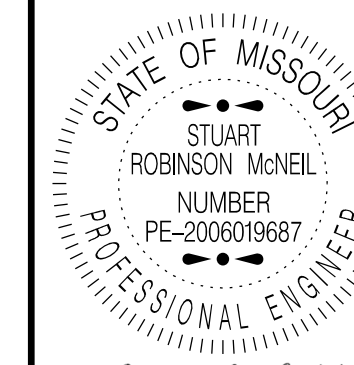
RTE 141 NB/SB
 TYPICAL SECTION ON TANGENT
 146+43 TO STA. 149+21.54

** THIS SECTION OF OPTIONAL PAVEMENT STARTS AT STA. 148+98.77 (AT THE 141 INSIDE SHOULDER/LANE) IT MUST BE PAVED USING THE 6" AGG. BASE OPTION, WITH THE CONCRETE COMPOSITE PAVEMENT SHOWN

OPTIONAL PAVEMENT

LOCATION	BASE TYPE	HMA DESIGN	COMPOSITE PAVEMENT
I-64 OFF RAMP/ ROUTE 141	12" ROCK BASE	<u>12.5" HMA</u> 2" SP125BSM w/ PG 76-22 OVER 2" SP125B w/ PG 76-22 OVER 8.5" SP250C w/ PG 64-22	<u>COMPOSITE PAVEMENT</u> 2" SP125BSM w/ PG 76-22 OVER 10.5" PCCP 15 FT. JOINT SPACING, 1.5" DOWELS
I-64 OFF RAMP/ ROUTE 141	6" TYPE 5 AGGREGATE BASE	<u>13.5" HMA</u> 2" SP125BSM w/ PG 76-22 OVER 2" SP125B w/ PG 76-22 OVER 9.5" SP250C w/ PG 64-22	<u>COMPOSITE PAVEMENT</u> 2" SP125BSM w/ PG 76-22 OVER 11.5" PCCP 15 FT. JOINT SPACING, 1.5" DOWELS

NOT TO SCALE



DATE PREPARED
11/1/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 2

COUNTY ST. LOUIS

JOB NO. JSL0121

CONTRACT ID.

PROJECT NO.

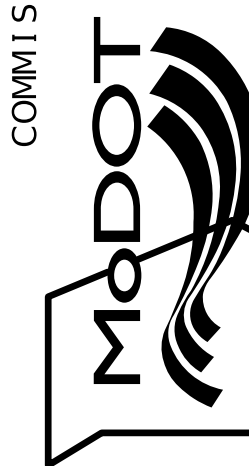
BRIDGE NO.

DESCRIPTION

DATE

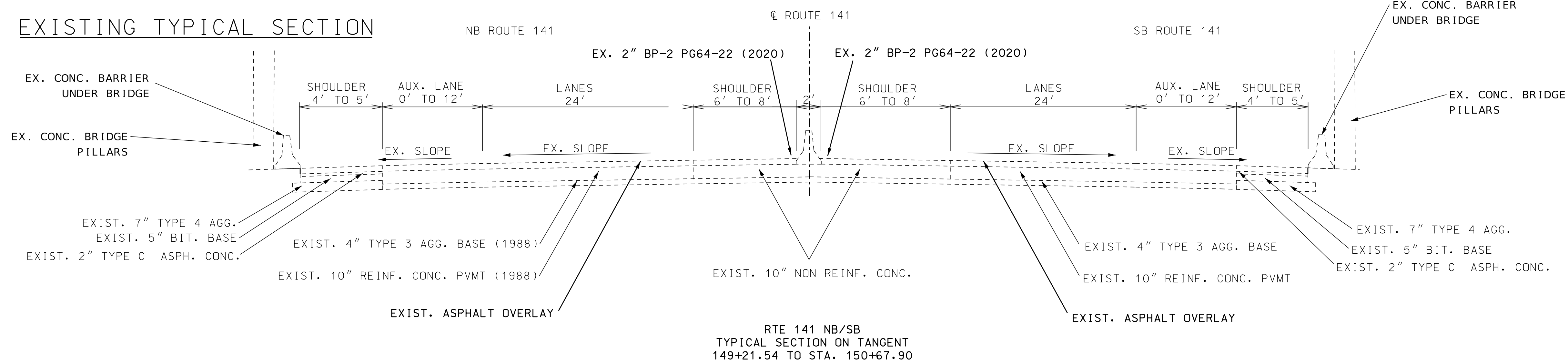
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



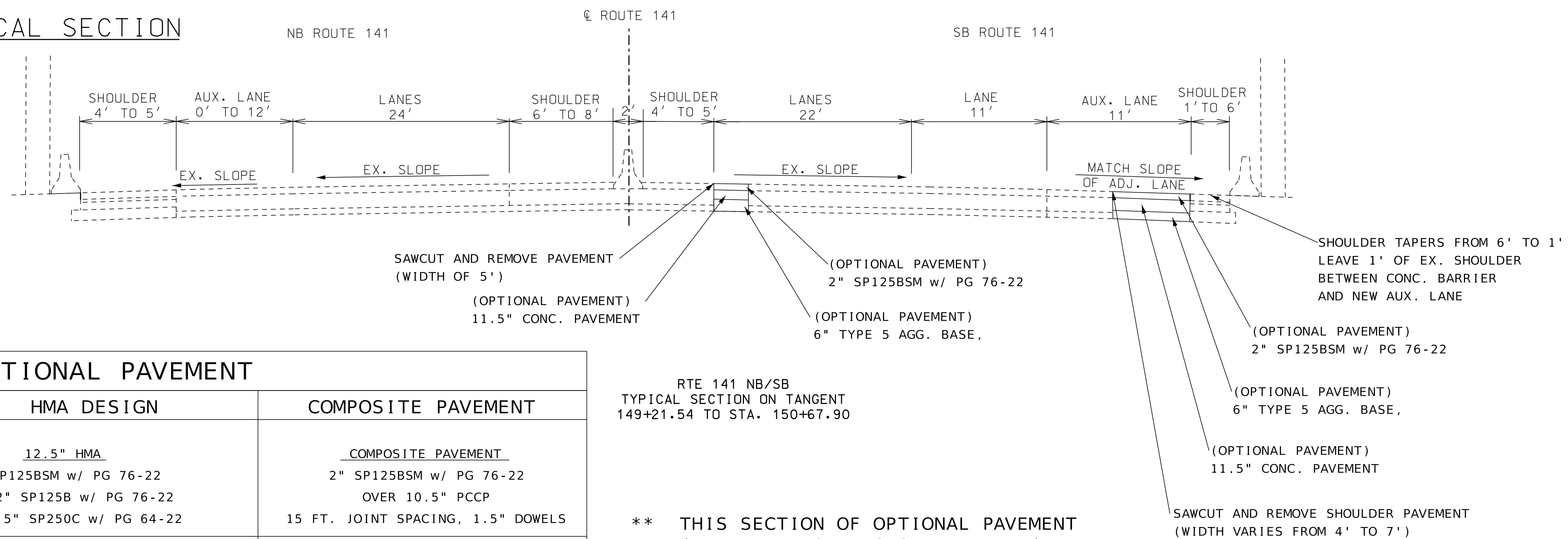
TYPICAL SECTIONS SHEET 1

EXISTING TYPICAL SECTION



NOTE: TYPICAL SECTIONS ARE BASED ON COMPOSITE OPTIONAL PAVEMENT WITH 6" AGG. BASE, SEE PAVEMENT SELECTION LETTER FOR ALL PAVEMENT OPTIONS

PROPOSED TYPICAL SECTION

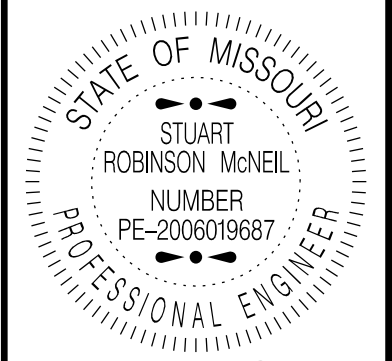


RTE 141 NB/SB
 TYPICAL SECTION ON TANGENT
 149+21.54 TO STA. 150+67.90

** THIS SECTION OF OPTIONAL PAVEMENT (THE 141 INSIDE SHOULDER/LANE) MUST BE PAVED USING THE 6" AGG. BASE OPTION, WITH CONCRETE COMPOSITE PAVEMENT THAT IS SHOWN

OPTIONAL PAVEMENT			
LOCATION	BASE TYPE	HMA DESIGN	COMPOSITE PAVEMENT
I-64 OFF RAMP/ ROUTE 141	12" ROCK BASE	12.5" HMA	COMPOSITE PAVEMENT
		2" SP125BSM w/ PG 76-22 OVER 2" SP125B w/ PG 76-22 OVER 8.5" SP250C w/ PG 64-22	2" SP125BSM w/ PG 76-22 OVER 10.5" PCCP 15 FT. JOINT SPACING, 1.5" DOWELS
I-64 OFF RAMP/ ROUTE 141	6" TYPE 5 AGGREGATE BASE	13.5" HMA	COMPOSITE PAVEMENT
		2" SP125BSM w/ PG 76-22 OVER 2" SP125B w/ PG 76-22 OVER 9.5" SP250C w/ PG 64-22	2" SP125BSM w/ PG 76-22 OVER 11.5" PCCP 15 FT. JOINT SPACING, 1.5" DOWELS

NOT TO SCALE

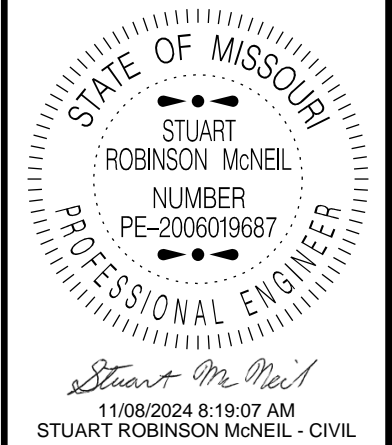


STUART ROBINSON McNEIL
 NUMBER PE-2006019687
 PROFESSIONAL ENGINEER
 DATE PREPARED 11/1/2024
 ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 2
 COUNTY ST. LOUIS
 JOB NO. JSL0121
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

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 2



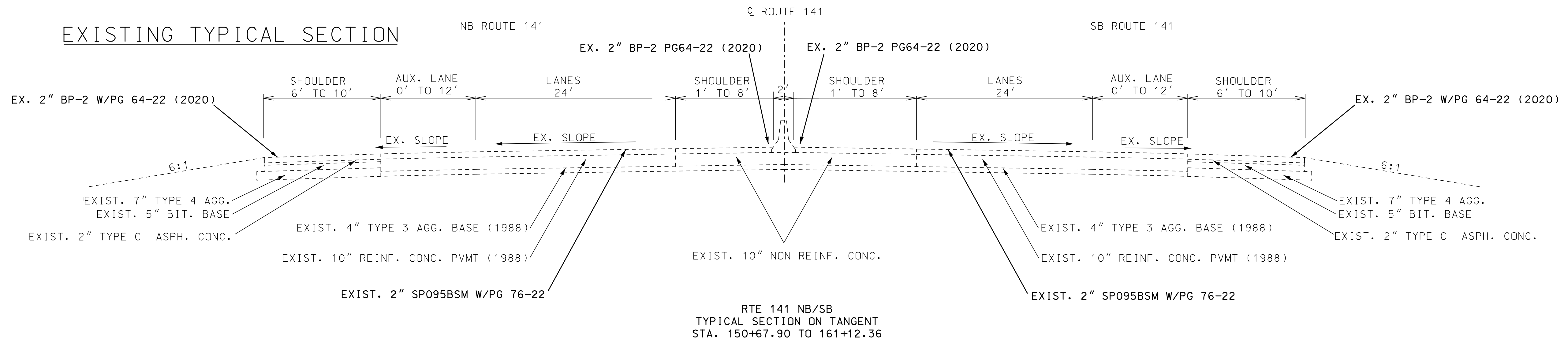
DATE PREPARED
11/1/2024
ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. JSL0121
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

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

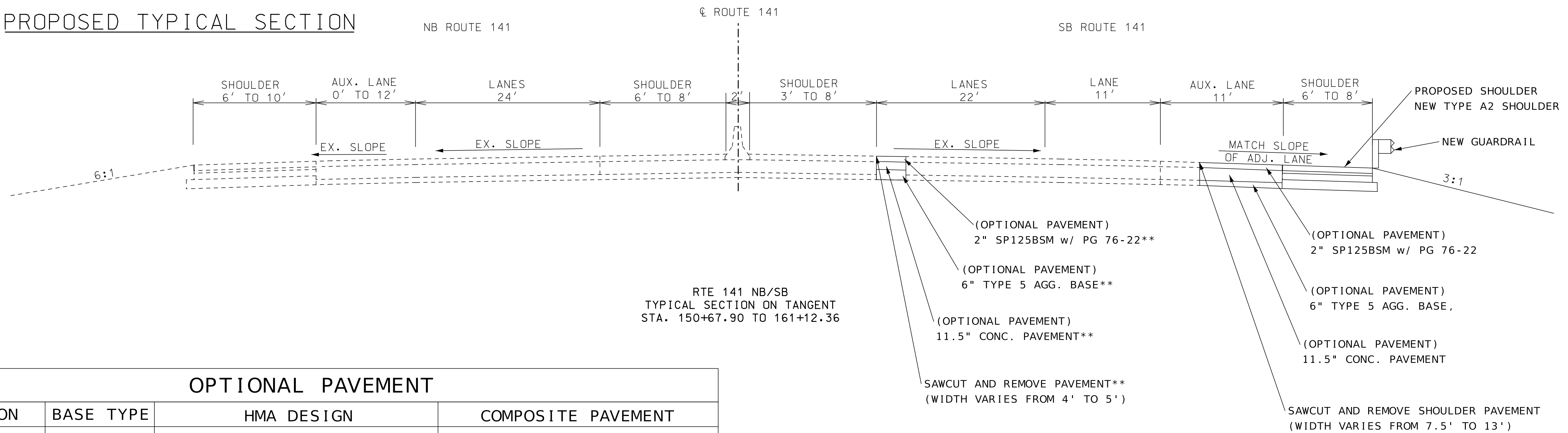
TYPICAL SECTIONS SHEET 3

EXISTING TYPICAL SECTION



NOTE: TYPICAL SECTIONS ARE BASED ON COMPOSITE OPTIONAL PAVEMENT WITH 6" AGG. BASE, SEE PAVEMENT SELECTION LETTER FOR ALL PAVEMENT OPTIONS

PROPOSED TYPICAL SECTION

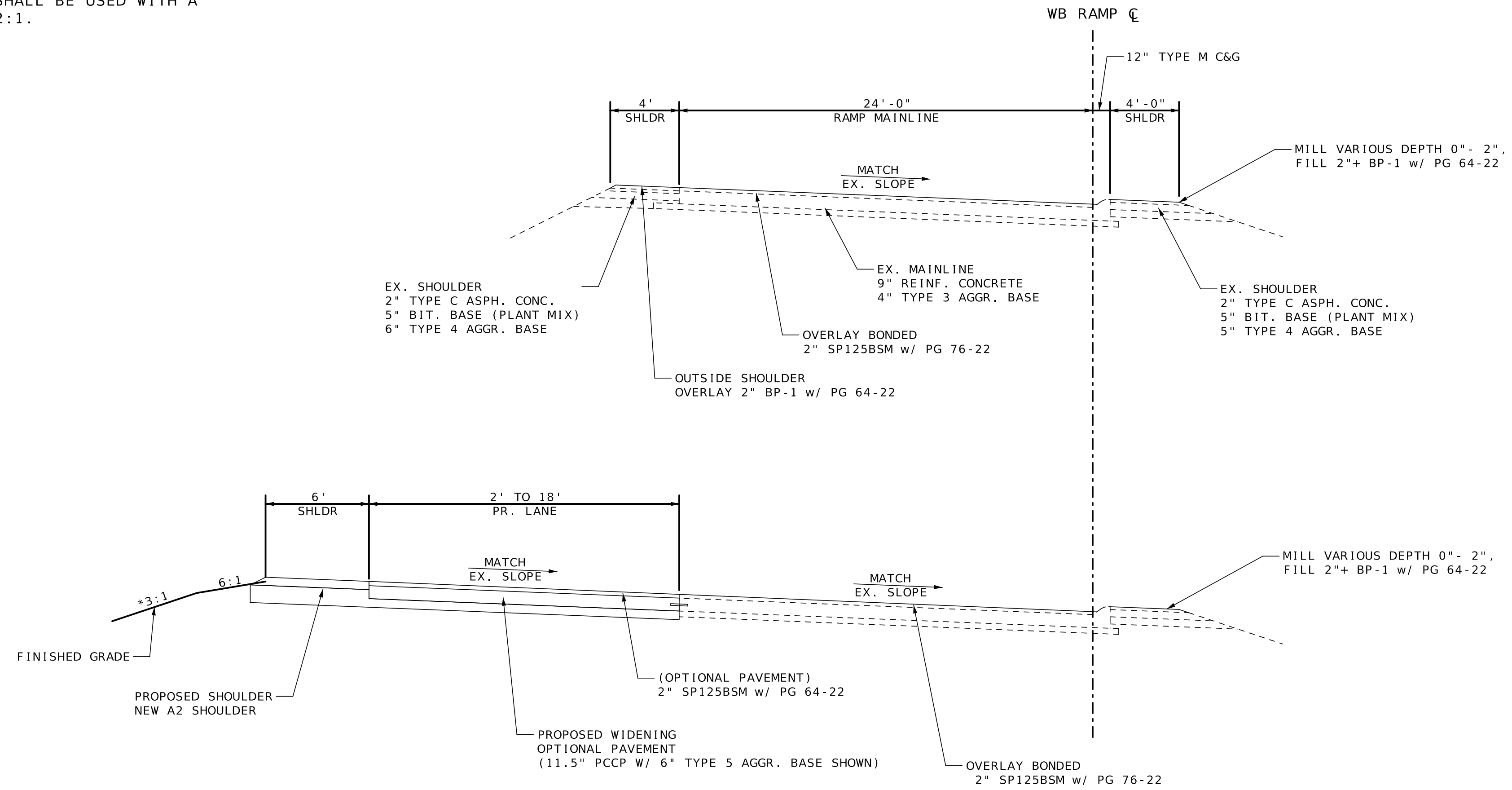


OPTIONAL PAVEMENT			
LOCATION	BASE TYPE	HMA DESIGN	COMPOSITE PAVEMENT
I-64 OFF RAMP/ ROUTE 141	12" ROCK BASE	12.5" HMA 2" SP125BSM w/ PG 76-22 OVER 2" SP125B w/ PG 76-22 OVER 8.5" SP250C w/ PG 64-22	COMPOSITE PAVEMENT 2" SP125BSM w/ PG 76-22 OVER 10.5" PCCP 15 FT. JOINT SPACING, 1.5" DOWELS
I-64 OFF RAMP/ ROUTE 141	6" TYPE 5 AGGREGATE BASE	13.5" HMA 2" SP125BSM w/ PG 76-22 OVER 2" SP125B w/ PG 76-22 OVER 9.5" SP250C w/ PG 64-22	COMPOSITE PAVEMENT 2" SP125BSM w/ PG 76-22 OVER 11.5" PCCP 15 FT. JOINT SPACING, 1.5" DOWELS

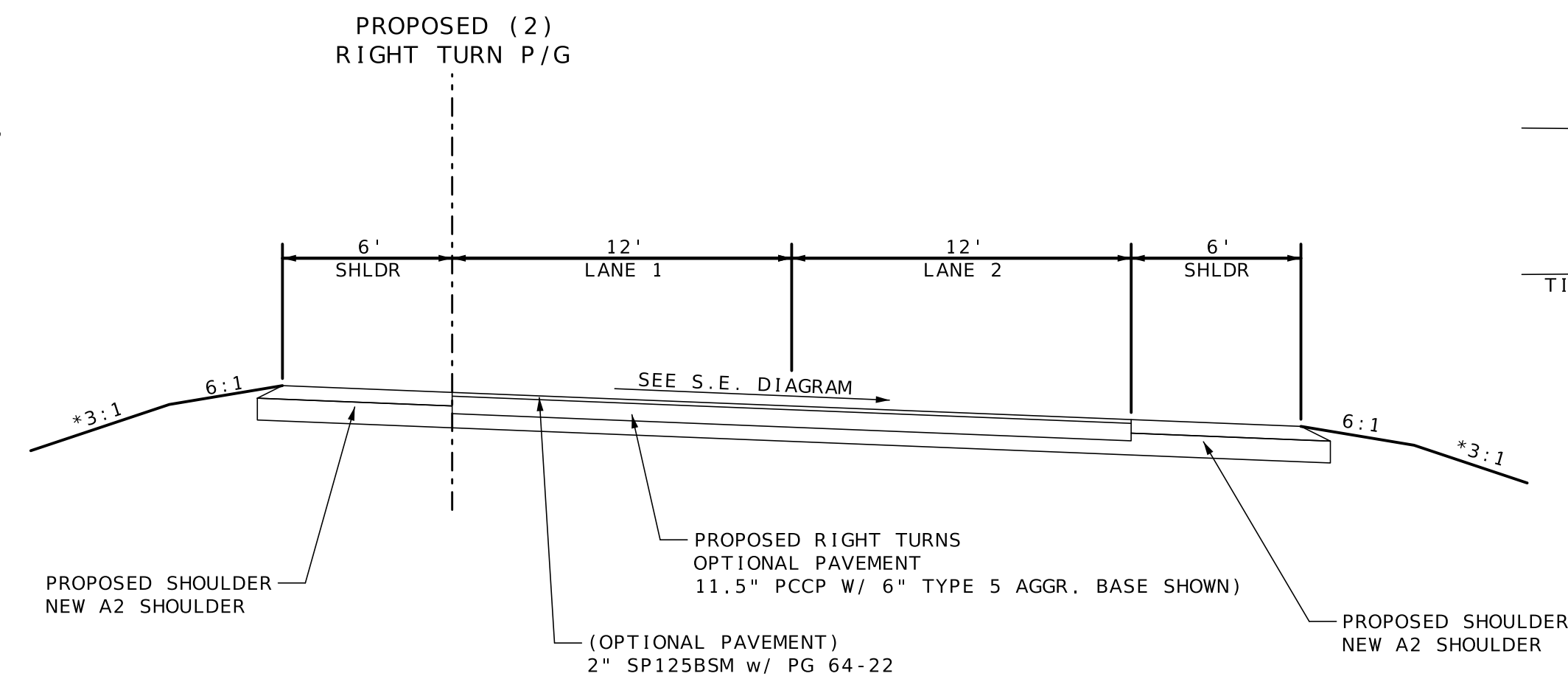
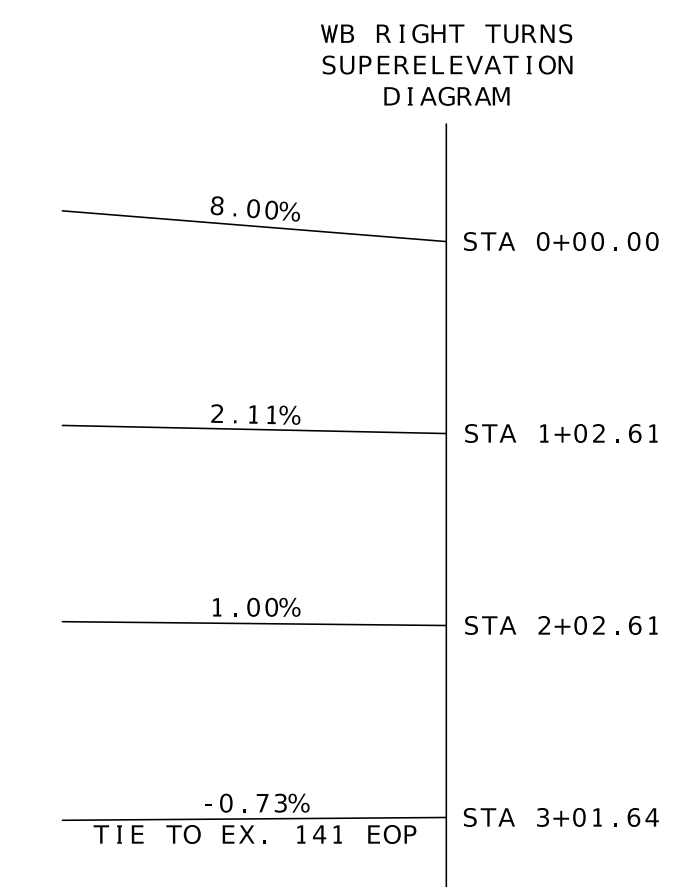
** THIS SECTION OF OPTIONAL PAVEMENT (THE 141 INSIDE SHOULDER/LANE) MUST BE PAVED USING THE 6" AGG. BASE OPTION, WITH CONCRETE COMPOSITE PAVEMENT THAT IS SHOWN

NOT TO SCALE

* IF 3:1 SLOPES CANNOT BE ACHIEVED, TYPE 2 ROCK DITCH LINER SHALL BE USED WITH A MAXIMUM SLOPE OF 2:1.



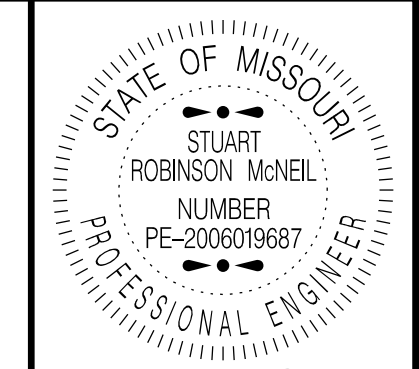
TYPICAL SECTION
WB I-64 TO SB 141 RAMP
WIDENING SECTION
STA 1+78.70 TO STA 10+22.48



TYPICAL SECTION
WB I-64 TO SB 141 RAMP
(2) NEW RIGHT TURN LANES
STA 0+00.00 TO STA 3+01.61

NOTE: TYPICAL SECTIONS ARE BASED ON COMPOSITE OPTIONAL PAVEMENT WITH 6" AGG. BASE, SEE PAVEMENT SELECTION LETTER FOR ALL PAVEMENT OPTIONS

OPTIONAL PAVEMENT			
LOCATION	BASE TYPE	HMA DESIGN	COMPOSITE PAVEMENT
I-64 OFF RAMPS/ ROUTE 141	12" ROCK BASE	<u>12.5" HMA</u> 2" SP125BSM w/ PG 76-22 OVER 2" SP125B w/ PG 76-22 OVER 8.5" SP250C w/ PG 64-22	<u>COMPOSITE PAVEMENT</u> 2" SP125BSM w/ PG 76-22 OVER 10.5" PCCP 15 FT. JOINT SPACING, 1.5" DOWELS
I-64 OFF RAMPS/ ROUTE 141	6" TYPE 5 AGGREGATE BASE	<u>13.5" HMA</u> 2" SP125BSM w/ PG 76-22 OVER 2" SP125B w/ PG 76-22 OVER 9.5" SP250C w/ PG 64-22	<u>COMPOSITE PAVEMENT</u> 2" SP125BSM w/ PG 76-22 OVER 11.5" PCCP 15 FT. JOINT SPACING, 1.5" DOWELS



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MO-PE-2006019687

DATE PREPARED
11/20/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 2

COUNTY ST. LOUIS

JOB NO. JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

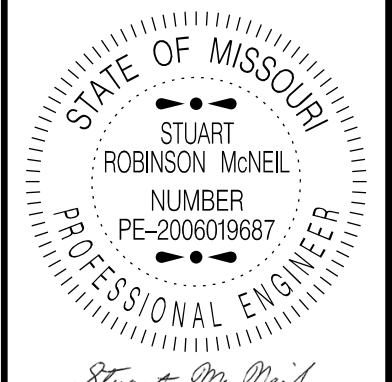
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

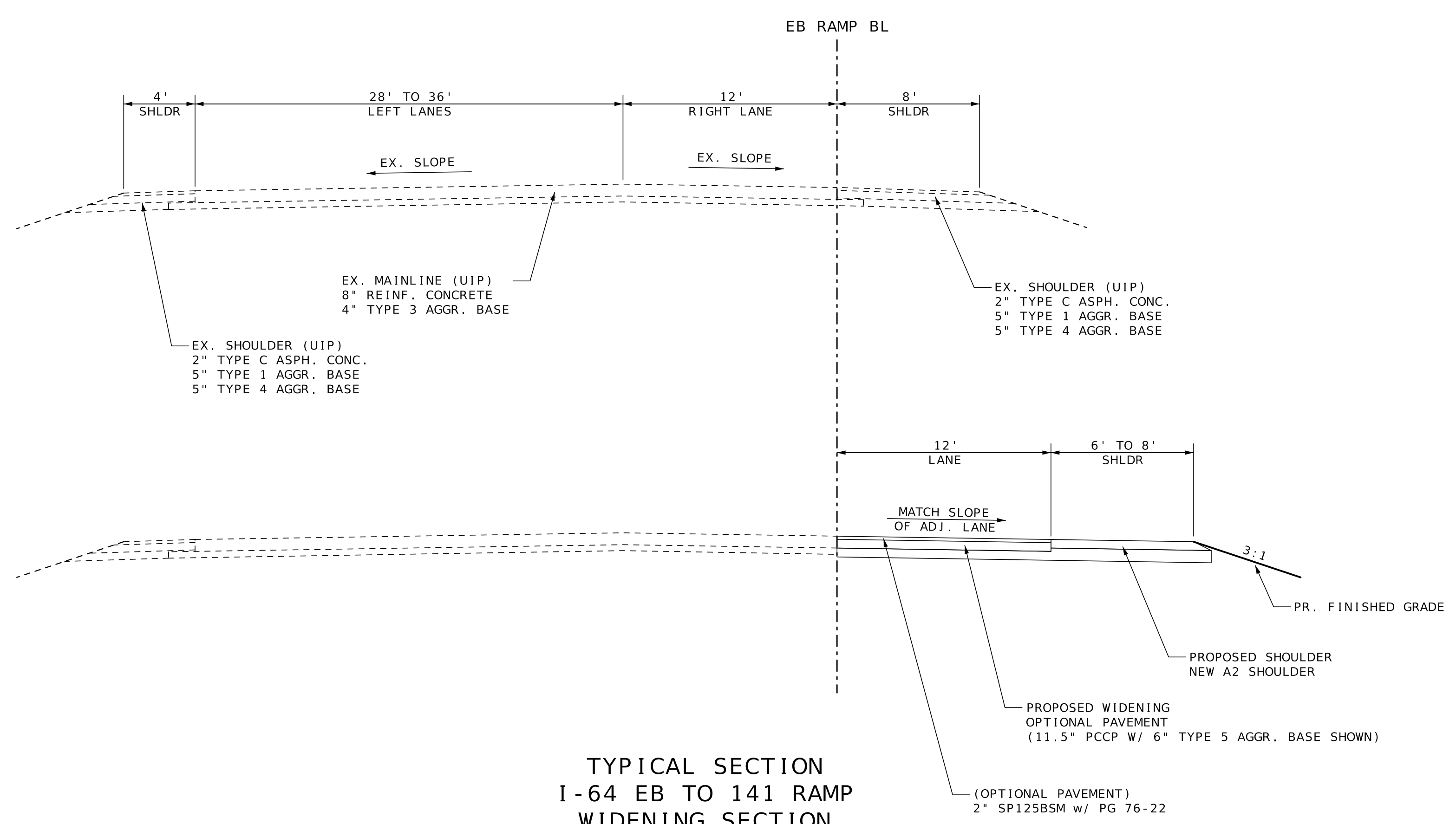
MoDOT

TYPICAL SECTIONS SHEET 4

NOT TO SCALE



STUART ROBINSON McNEIL
 11/08/2024 8:19:28 AM
 STUART ROBINSON McNEIL - CIVIL
 MO-PE-2006019687
 DATE PREPARED
11/1/2024
 ROUTE STATE
141 MO
 DISTRICT SHEET NO.
SL 2
 COUNTY
ST. LOUIS
 JOB NO.
JSL0121
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.



TYPICAL SECTION
 I-64 EB TO 141 RAMP
 WIDENING SECTION
 STA 4+25.00 TO STA 9+60.00

NOTE: TYPICAL SECTIONS ARE BASED ON COMPOSITE OPTIONAL PAVEMENT WITH 6" AGG. BASE, SEE PAVEMENT SELECTION LETTER FOR ALL PAVEMENT OPTIONS

OPTIONAL PAVEMENT			
LOCATION	BASE TYPE	HMA DESIGN	COMPOSITE PAVEMENT
I-64 OFF RAMPS/ ROUTE 141	12" ROCK BASE	<u>12.5" HMA</u> 2" SP125BSM w/ PG 76-22 OVER 2" SP125B w/ PG 76-22 OVER 8.5" SP250C w/ PG 64-22	<u>COMPOSITE PAVEMENT</u> 2" SP125BSM w/ PG 76-22 OVER 10.5" PCCP 15 FT. JOINT SPACING, 1.5" DOWELS
I-64 OFF RAMPS/ ROUTE 141	6" TYPE 5 AGGREGATE BASE	<u>13.5" HMA</u> 2" SP125BSM w/ PG 76-22 OVER 2" SP125B w/ PG 76-22 OVER 9.5" SP250C w/ PG 64-22	<u>COMPOSITE PAVEMENT</u> 2" SP125BSM w/ PG 76-22 OVER 11.5" PCCP 15 FT. JOINT SPACING, 1.5" DOWELS

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 5

NOT TO SCALE

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM

PLAN SHEET NO.	STATION	STATION	RDWY	LF	SF	EA	DESCRIPTION
4	146+70.2		141			1	FLARED END SECTION
4	147+79.82	149+51.08	141	750			GUARDRAIL
4-5	150+14.25	157+68.42	141	175			GUARDRAIL
4	145+60.65	157+00.00	141		7049		SHOULDER
4	148+46.87	157+00.00	141		3171.75		FULL DEPTH PAVEMENT
4	149+51.08	150+14.25	141	63.2			CONCRETE BARRIER
5	157+00.00	161+12.34	141		1564.4		FULL DEPTH PAVEMENT
5	157+00.00	159+73.23	141		5592		SHOULDER
9	4+25.03	9+05.00	EB RAMP		152.1		FULL DEPTH PAVEMENT
9	4+25.03	9+05.00	EB RAMP		4244.1		SHOULDER
10	9+05.00	9+60.00	EB RAMP		483		FULL DEPTH PAVEMENT
10	9+05.00	9+60.00	EB RAMP		516.3		SHOULDER
13	0+00	3+05	WB RAMP	320			GUARDRAIL
13	1+57.2	11+25.42	WB RAMP		4572		SHOULDER
13	508+85.00	510+10.00	N OUTER 40	125			GUARDRAIL
13	2+91.2		WB RIGHT TURN			1	SIGNAL POLE
13	2+39.07	2+72.63	WB RIGHT TURN			3	FLARED END SECTIONS
13	2+68.1	2+78.4	WB RIGHT TURN	12			48" PIPE
13	2+81.58		WB RIGHT TURN			1	MANHOLE
13	134+50.26	135+85.34	141		812		SHOULDER
16	143+01.17	144+51.65	141	150.5			CONCRETE BARRIER
69	145+93.00		141			1	YIELD SIGN
69	145+93.00		141			1	SIGN POST & FOOTING
69	147+35.00		141			1	SIGN POST & FOOTING
69	148+99.00		141			1	STRUCTURAL SIGN
69	148+99.00		141			1	TYPE C TUBULAR SUPPORT & BASE
69	145+48.00		141			1	YIELD SIGN
70	153+55.00		141			1	SPEED LIMIT SIGN
70	153+55.00		141			1	SIGN POST & FOOTING
71	157+69.00		141			1	ADOPT-A-HIGHWAY SIGN
71	157+69.00		141			1	SIGN POST
71	157+79.00	LT	141			1	ADOPT-A-HIGHWAY SIGN
71	157+79.00	RT	141			1	SIGN POST
72	165+69.00		141			2	STRUCTURAL SIGNS
72	165+69.00		141			1	OVERHEAD SIGN CATWALK/LIGHTING
73	6+70.00		EB RAMP			1	CCTV EQUIP., POST, & FOOTING
73	7+03.00		EB RAMP			2	SIGN POSTS & FOOTINGS
73	7+54.00		EB RAMP			2	SIGN POSTS & FOOTINGS
73	8+05.00		EB RAMP			1	YIELD AHEAD SIGN
73	8+05.00		EB RAMP			1	SIGN POST & FOOTING
75	2+18.00		WB RAMP			1	STRUCTURAL SIGN
75	2+18.00	LT	WB RAMP			2	SIGN POSTS & FOOTINGS
75	2+18.00	RT	WB RAMP			1	ADOPT-A-HIGHWAY SIGN
75	2+18.00	RT	WB RAMP			1	SIGN POST
75	23+40.00		WB RAMP	ON-RAMP		1	ADOPT-A-HIGHWAY SIGN
75	23+40.00		WB RAMP	ON-RAMP		1	SIGN POST
PAY TOTAL					1 LUMP SUM		

* ALL VERTICAL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO REMOVALS OF IMPROVEMENTS

RAISED MEDIAN AND CONCRETE BARRIER

PLAN SHEET NO	RDWY	STA	STA	LOC	AREA S.F.	6 IN. CONC. MEDIAN STRIP S.Y.			REMARKS
						TYPE C BARRIER L.F.	TYPE D BARRIER L.F.		
15	141	143+01.17	144+51.65	51' RT	407.16			45.2	
4	141	148+90.84	149+51.08	58.7' RT			60.24		
4	141	149+51.08	150+14.25	51' RT			63.17		
TOTALS						45.2	60.24	63.17	
PAY TOTALS						45.2	61	64	

SIGN RELOCATION

SHEET NO.	STATION	LOCATION	SIGN REMOVAL & RELOCATION EACH	REMARKS
68	147+35.00	141	2	M3-3 & M1-5 SIGNS
68	148+99.00	141	3	MoDOT GATEWAY GUIDE SIGNS
72	7+03.00	EB RAMP	1	STRUCTURAL SIGN
72	7+54.00	EB RAMP	1	LANE DIRECTION SIGN
SUB TOTAL			7	
PAY TOTAL			7	

MOBILIZATION - 1 LUMP SUM

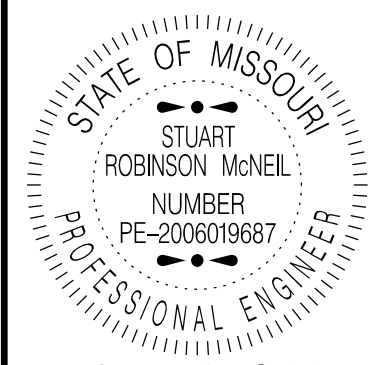
ADDITIONAL MOBILIZATION FOR SEEDING - 1 LUMP SUM

CONTRACTOR FURNISHED SUREY & STAKING - 1 LUMP SUM

SEEDING

PLAN SHEET	LOCATION	AREA SF	TEMPORARY SEEDING ACRE	SEEDING WARM SEASON GRASSES ACRE	MULCHING ACRE	REMARKS
6	ROUTE 141	13068	0.3	0.3	0.6	
7	ROUTE 141	4356	0.1	0.1	0.2	
11	EB RAMP	4356	0.1	0.1	0.2	
12	EB RAMP	4356	0.1	0.1	0.2	
14	WB RAMP	13068	0.3	0.3	0.6	
TOTAL			0.9	0.9	1.8	

SUMMARY OF QUANTITIES
SHEET 1 OF 6



DATE PREPARED
11/20/2024 3:41:00 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019887

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 3

COUNTY
ST. LOUIS

JOB NO.
JSL0121

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

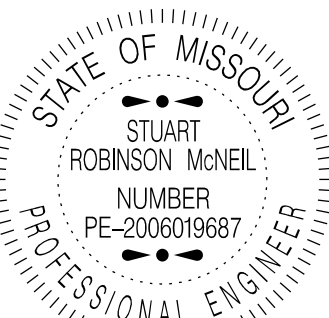
PAVEMENT REPAIRS																	
FULL DEPTH CONCRETE PAVEMENT																	
PLAN SHEET	STA	STA	LOC	WIDTH FT.	LENGTH FT.	DEPTH FT.	AREA S.F.	FURNISHING & PLACING CONC. MATERIAL FOR FULL DEPTH PVMT REPAIR	SUBGRADE COMPACTION (6 IN. DEPTH)	TYPE 1 OR 5 AGGREGATE FOR BASE (4 IN. THICK)	FULL DEPTH PAVEMENT REPAIR SAW CUT	DOWEL BAR FOR FULL DEPTH PAVEMENT REPAIR	TIE BAR FOR FULL DEPTH PAVEMENT REPAIR	FURNISHING & PLACING CONC. MATERIAL FOR CLASS B PARTIAL DEPTH PVMT REPAIR	REMOVAL FOR CLASS B PARTIAL DEPTH PAVEMENT REPAIR	CLASS A PARTIAL DEPTH CONC. PVMT REPAIR USING HOT POLYMER MODIFIED MATERIAL	REMARKS
								S.Y.	S.Y.	S.Y.	L.F.	EA.	EA.	C.Y.	S.Y.	LBS.	
10	12+10			1	1		1									40.0	LANE 3
10	12+40			1	1		1									40.0	LANE 4
10	12+40			3	2		6									240.0	LANE 4
13	3+44.00	3+76.00	CL	6	33		198	22.0	22.0	22.0	78.0	10.0	13.0				
13	9+37.00	9+41.00	CL	4	24		96	10.7	10.7	10.7	56.0	6.0					
13	0	14+05.00	CL			0.25	100							0.9	11.1		TBD BY ENGINEER
TOTALS								32.7	32.7	32.7	134.0	16.0	13.0	0.9	11.1	320.0	
PAY TOTALS								33.0	33.0	33.0	134.0	16.0	13.0	0.9	11.1	320.0	

OPTIONAL PAVEMENT AND SHOULDERS							
PLAN SHEET NO.	ROAD	STA	STA	LOC	OPTIONAL PAVEMENT (SQYD)	A2 SHOULDERS (SQYD)	REMARKS
6	141	145+60.65	157+00.00	RT	1018.11	578.45	
7	141	157+00.00	161+12.34	RT	342.81	304.75	
11	I-64 EB RAMP	4+25.03	9+05.00	RT	554.43	211.15	
12	I-64 EB RAMP	9+05.00	9+60.00	RT	78.10	41.11	
12	I-64 EB RAMP	13+54.23	13+79.23	LT	97.22		SLAB REPLACEMENT
14	I-64 WB RMP/RT TURNS	1+78	3+01.61	LT/RT	2830.99	530.36	
SUB TOTALS					4921.7	1665.8	
PAY TOTALS					4922	1666	

ASPHALT PAVEMENT												
PLAN SHEET NO.	STATION	STATION	RDWY	LOCATION	AREA S.F.	3" OR LESS COLDMILL	MODIFIED COLDMILLING FOR DEPTH TRANS.	2" SP125BSM W/ PG 76-22 (1.92 TONS/CY) TON	2" BP-1 W/ PG 64-22 (1.95 TONS/CY) TON	POLYMER MODIFIED EMULSION MEBRANE (CPEM) GAL	NON OR LOW TRACKING TACK GAL	REMARKS
						S.Y.	L.F.	TON	TON	GAL	GAL	
14	0+50.83	12+91.69	I-64 WB RAMP	RT	4969.7	552.2			59.8		55.2	
14	1+78.00	12+81.79	I-64 WB RAMP	LT	25940.7		307.4		576.5			
14	11+17.98	12+81.40	I-64 WB RAMP	LT	718.9			8.7			8.0	
14	1+78.00	2+28.00	I-64 WB RAMP	LT		155.4						
14	12+30.00	12+81.79	I-64 WB RAMP	LT		150.0						
TOTALS						552.2	305.4	307.4	68.5	576.5	63.2	
PAY TOTALS						552	305	307	68.5	577	63	

CLEARING AND GRUBBING					
PLAN SHEET	RDWY	LOCATION	AREA SF	CLEARING AND GRUBBING ACRES	REMARKS
4	ROUTE 141	RT	19000	0.436179982	
5	ROUTE 141	RT	14000	0.321395776	
TOTAL				0.8	
PAY TOTAL				1	

SUMMARY OF QUANTITIES SHEET 2 OF 6



STUART ROBINSON MCNEIL
PE-2006019687
PROFESSIONAL ENGINEER

DATE PREPARED: 12/3/2024

ROUTE: 141 STATE: MO
DISTRICT: SL SHEET NO.: 3

COUNTY: ST. LOUIS
JOB NO.: JSL0121
CONTRACT ID.:

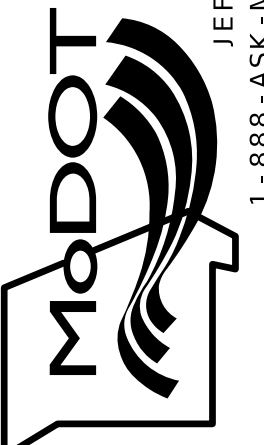
PROJECT NO.:

BRIDGE NO.:

DESCRIPTION

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

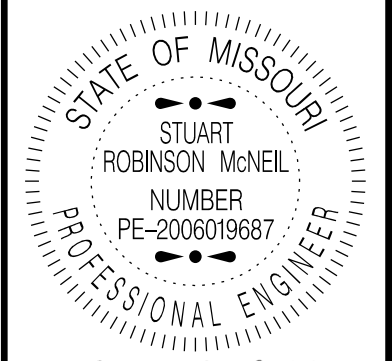
EARTHWORK										
PLAN SHEET NO.	STATION	STATION	RDWY	LOCATION	VOLUME C.Y.	AREA S.Y.	CLASS A EXCAVATION	COMPACTION IN CUT	EMBANKMENT IN PLACE	REMARKS
							C.Y.	STA.	C.Y.	
6-7	145+60.65	161+12.36	141	RT			507.1	12.7	3813.3	
11-12	4+24.00	9+60.00	I-64 EB RAMP	RT			385.3	5.4	46.4	
14	1+75.50	12+92	I-64 WB RAMP	LT			787.2	13.9	239.3	
SUBTOTALS							1679.6	32.0	4099.0	
PAY TOTALS							1680	32	4099.0	

DRAINAGE PIPES											
PLAN SHEET NO.	CULVERT SECTION SHEET NO.	FROM ID #	TO ID #	RDWY	12"	30"	36"	48"	TYPE C PIPE COLLAR EA.	CLASS 3 EXCAVATION C.Y.	REMARKS
					GROUP A PIPE L.F.	GROUP A PIPE L.F.	GROUP A PIPE L.F.	GROUP A PIPE L.F.			
45	1	01-01	01-02	141				6.0		1.2	
45	1	01-02	01-03	141				75.0		25.3	
45	1	01-03	01-04	141		37.0				33.4	
51	1	01-02	PIPE COLLAR	141	36.0				1.0	2.8	
51	1	02-01	PIPE COLLAR	141			4.0		1.0	0.3	
SUBTOTALS					36.0	37.0	4.0	81.0	2.0	63.0	
TOTALS					36.0	37.0	4.0	81.0	2.0	*	

* SEE DRAINAGE STRUCTURES TABLE FOR PAY TOTAL.

DRAINAGE STRUCTURES																	
PLAN SHEET NO.	CULVERT SECTION SHEET NO.	STA	RDWY	LOC	MODOT STRUCTURE ID #	FLOW LINE EL. FT.	STRUCT. DEPTH FT.	PIPES CONNECTED TO DRAINAGE STRUCTURE	TYPE E DROP INLET	TYPE E DROP INLET	GRATE & BEARING PLATE	GRATE & BEARING PLATE	PRECAST CONCRETE MANHOLE 72 IN. L.F.	MODOT STD. MANHOLE FRAME & COVER TYPE 1A EA.	FLARED END SECTION 48"	CLASS 3 EXCAVATION C.Y.	REMARKS
									(2 FT x 5 FT) L.F.	(3 FT x 3 FT) L.F.	(3 FT x 3 FT) EA.	(5 FT x 2 FT) EA.			EA.		
45	1	135+17.00	141	131' RT	01-01	518.5		48" RCP							1.0		
45	1	135+08	141	124' RT	01-02	518	6.25	48" RCP					6.3	1.0		2.8	
45	1	134+42	141	76' RT	01-03	517.87	7.92	48" RCP					7.4	1.0		23.8	
51	1	134+43	141	117' RT	01-04	518.4	6	30" RCP		6.0	1.0					9.2	
51	1	146+70.18	141	93.4' RT	02-01	544.04	7.73	36" RCP	8.0			1.0				2.6	
SUBTOTALS									8.0	6.0	1.0	1.0	13.7	2.0	1.0	38.4	
CLASS 3 EXC. TOTAL FROM DRAINAGE PIPES																63.0	
TOTALS									8.0	6.0	1.0	1.0	14.0	2.0	1.0	102.0	

SUMMARY OF QUANTITIES
SHEET 3 OF 6



11/20/2024 3:41:20 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/20/2024
ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. JSL0121
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	ROCK DITCH CHECK	SEDIMENT REMOVAL	CULVERT CLEANOUT	REMARKS
						L.F.	L.F.	C.Y.	EA.	
45	141	145+82.43	150+50	RT		243.6	80.0	8.0		
46	141	150+50	155+00	RT		415.0	50.0	5.0		
47	141	155+00	160+00	RT		475.0	80.0	8.0		
48	141	160+00	160+95	RT			30.0	3.0		
49-50	EB RAMP	4+16.27	9+64.88	RT		576.0		5.8		
49	EB RAMP	5+25	8+78	RT			60.0	6.0		
50	EB RAMP	9+25	12+10	RT			60.0	6.0		
51	WB RAMP	1+77.65	10+22.38	LT		1138.0	120.0	12.0		
51	WB RT TURNS	0+00.00	2+38.00	LT		238.0		2.4		
51	WB RT TURNS	2+45.00	2+92.00	LT		47.0		0.5		
51	WB RAMP	11+26.07	12+20.11	LT		116.0		1.2		
51	WB RAMP	12+26.67	13+29.23	LT		141.0		1.4		
N/A	ALL								2.0	**
SUBTOTALS						3389.6	480.0	59.3	2.0	
TOTALS						3390.0	480.0	60.0	2.0	

**TO BE USED AT THE ENGINEERS DISCRETION

PERMANENT PAVEMENT MARKING														
PLAN SHEET NO.	STA	STA	RDWY	HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING PAINT TYPE L BEADS				PREFORMED THERMOPLASTIC TAPE					REMARKS	
				6 IN. S.W.	6 IN. I.W.	6 IN. DOTTED WHITE	6 IN. S.Y.	24 IN. S.W. STOP BAR	LEFT ARROW	RIGHT ARROW	STR/RIGHT COMBINATION	STR ARROW		"ONLY"
				L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.	EA.		EA.
87	2+52.14	13+42.92	EB RAMP	2824	164	72	1077	50	6	3	3	3		EB RAMP
88	0+00	15+89.22	WB RAMP	1966	211	56	1799	35		2			2	WB RAMP
TOTALS				4790	375	128	2876	85	6	5	3	3	2	
PAY TOTALS				5293			2876	85	11		3	3	2	

NOTE: MAINLINE 141 PVMT MARKING QUANTITIES ARE ON JSL0078

TUBULAR MARKERS						
PLAN SHEET NO.	ROADWAY	LOCATION	18" YELLOW	18" WHITE	CURB REFLECTORS	REMARKS
			TUBULAR MARKER EA.	TUBULAR MARKER EA.		
6	I-64 OFF	EB RAMP		4		IN ISLAND
14	I-64 OFF	WB RAMP	3			IN ISLAND
16	141 SB	AT I-64 BRIDGE		6	15	RAISED MEDIAN
SUBTOTALS			3	10	15	
PAYTOTALS			3	10	15	

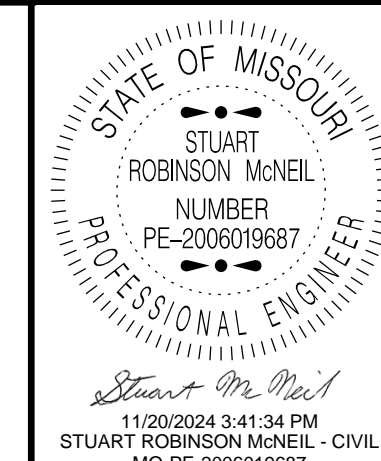
NOTE: SPACING OF TUBULAR MARKERS SHALL BE 20' FOR LONG NARROW ISLANDS.

NOTE: PLACE CURB REFLECTORS CONTINUOUS ALONG ENTIRE RADIUS.

ROCK DITCH LINER											
PLAN SHEET NO.	RDWY	STA	STA	LOC	AREA S.F.	EST. DEPTH IN.	PERMANENT	FURNISHING	PLACING	REMARKS	
							EROSION CONTROL GEOTEXTILE S.Y.	TYPE 2 ROCK DITCH LINER C.Y.	TYPE 2 ROCK DITCH LINER C.Y.		
14	WB RAMP	7+00.00	9+07.54	LT	4335.6	6	481.7	80.3	80.3		
14	RIGHT TURNS	0+00.00	2+30.00	LT	3797.1	6	421.9	70.3	70.3		
SUBTOTALS							903.6	150.6	150.6		
TOTALS							904.0	151.0	151.0		

MGS GUARDRAIL SYSTEM											
PLAN SHEET NO.	STA	STA	RDWY	LOC	MGS GUARDRAIL	GUARDRAIL POSTS IN CONCRETE	MGS TYPE A CRASHWORTHY END TERMINAL	MGS END ANCHOR	MGS BRIDGE TRANSITION SECTION	CLASS III SHAPING SLOPES MODIFIED STA.	REMARKS
					L.F.	EA.	EA.	EA.	EA.		
4	147+79.82	148+90.84	141	58' RT	25.0		1.0		1.0	0.8	
4	150+14.25	157+68.42	141	52' RT	700.0			1.0	1.0	0.8	
14	506+37.09	3+03.91	WB RAMP	17' RT	375.0		1.0		1.0	0.8	
14	2+50.65	2+33.44	WB RAMP	38.84' LT	1062.5		1.0	1.0		0.8	
14	18+82.27	24+12.06	WB RAMP	27.85' RT	450.0		1.0	1.0		0.8	
14	508+85.00	510+10.00	N OUTER 40	17' LT	37.5	6	1		1	0.8	
TOTALS					2650	6	5	3	4	4.8	
PAY TOTALS					2650.0	6.0	5	3	4	5	

SUMMARY OF QUANTITIES
SHEET 4 OF 6



DATE PREPARED
11/20/2024 3:41:34 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 3

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

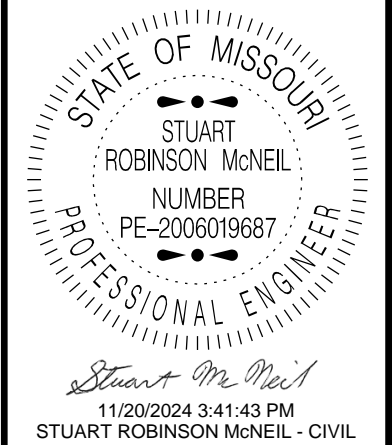
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

SUMMARY OF QUANTITIES



DATE PREPARED
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STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

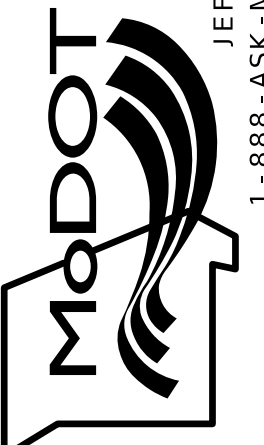
ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 3
COUNTY ST. LOUIS

JOB NO. JSL0121
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)



ITS CONDUIT										
PLAN SHEET NO.	STA	STA	ROADWAY	FROM	TO	CENTER TO CENTER DISTANCE FT.	CONDUIT		INTERCEPT CONDUIT WITH PULL BOX EA.	REMARKS
							HDPE DRILL 2 IN. L.F.	INSTALL CONDUIT INTO EX. PULL BOX EA.		
53	133+38.00	136+00.00	141	EX. PB 2	PB 2	246	244			
53	133+38.00		141					1		EX. TYPE 5 (UIP)
53	136+00.00		141						1	
60	146+22.00	150+90.00	141	EX. PB 1	PB 1	475	473	1		
60	150+90.00	155+75.00	141	PB 1	PB 2	485	483			
60-61	155+75.00	106+58.00	141	PB 2	EX. PB 2	485	483	1		
SUBTOTALS							1683	3	1	
PAYTOTALS							1683	3	1	

ITS CABLE AND PULL BOXES											
PLAN SHEET NO.	STA	STA	ROADWAY	FROM	TO	CENTER TO CENTER DISTANCE FT.	FIBER OPTIC		UNDERGROUND SPLICE ENCLOSURE EA.	ITS PULL BOX WITH CONCRETE PAD, PREFORMED CLASS 2 EA.	REMARKS
							24 STRAND SINGLE MODE L.F.	RELOCATE FIBER OPTIC CABLE L.F.			
53	133+56.00	146+09.00	141	WB RAMP	EB RAMP	1330	1460				MODOT FIBER
53	133+56.00	146+09.00	141	WB RAMP	EB RAMP	1330		350			GGL FIBER
53	136+00.00		141							1	
53	133+56.00		141						1		SPLICE FOR GGL
59-61	146+22.00	197+35.00	141	EB CABINET	CLAYTON CCTV	5570	5770	200			TPD BY THE ENGINEER
53/59-61	133+56.00	197+35.00	141				361.5	25			5% FOR SNAKING
60	150+90.00		141							1	
60	155+75.00		141							1	
SUBTOTALS							7591.5	575	1	3	
PAYTOTALS							7592	575	1	3	

ITS NETWORK CONNECTIONS								
PLAN SHEET NO.	ROADWAY	LOCATION	FIBER OPTIC FUSION SPLICE	FIBER OPTIC PIGTAIL	FIBER OPTIC JUMPER	WALL-MOUNTED INTERCONNECT CENTER	MODOT BURIED CABLE DRIVABLE DELINEATOR POST	REMARKS
			EA.	EA.	EA.	EA.	EA.	
62	141	WB RAMP SIGNAL CABINET	26	4	4	1		
63	141	EB RAMP SIGNAL CABINET	26	4	4	1		
64	141	WB RAMP SIGNAL CABINET	24					GGL FIBER
65	141	N. OF TMC	6	6	6			
66	141	N. OF CLAYTON	24	2	8		3	
59-61	141	SB ROUTE 141					20	
SUBTOTALS			106	16	22	2	23	
PAYTOTALS			106	16	22	2	23	

ITS ASSET MANAGEMENT TOOL - 1 LUMP SUM

Table with columns: SIGN, SIZE IN., AREA SQ.FT., QTY EACH, TOTAL AREA SQ.FT., QTY RELOC EACH, TOTAL RELOC SQ.FT., SIGN NUM., DESCRIPTION

Table with columns: SIGN, SIZE IN., AREA SQ.FT., QTY EACH, TOTAL AREA SQ.FT., QTY RELOC EACH, TOTAL RELOC SQ.FT., SIGN NUM., DESCRIPTION

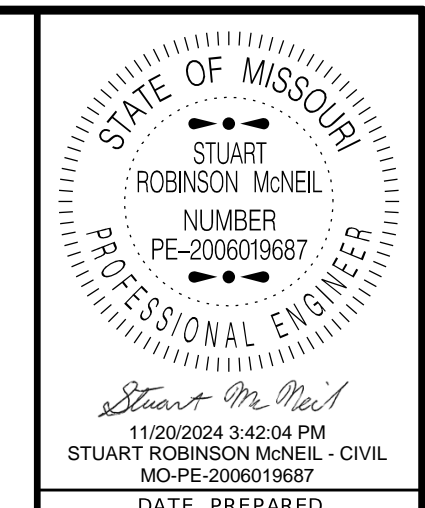
Table with columns: ITEM NUMBER, TOTAL QTY, DESCRIPTION

TEMPORARY TRAFFIC CONTROL PAY TOTAL = 1 LUMP SUM

NOTE: ALL TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01, TEMPORARY TRAFFIC CONTROL, LUMP SUM, UNLESS NOTED OTHERWISE IN THE PLANS.

-SIGN AND DEVICE LOCATIONS WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER

-CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER

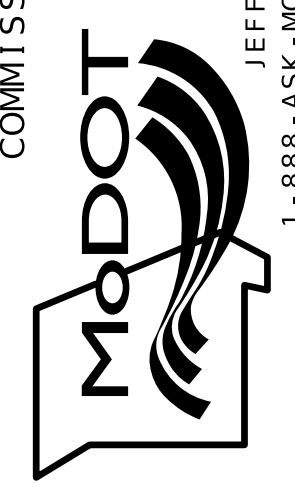


STUART ROBINSON MCNEIL CIVIL ENGINEER PE-2006019687

ROUTE 141 STATE MO DISTRICT SL SHEET NO. 3

Table with columns: DATE, DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION SUMMARY OF QUANTITIES

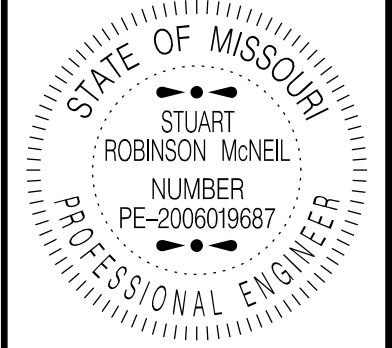


105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

* NO DIRECT PAYMENT FOR RELOCATED SIGNS
** ITEMS NOT INCLUDED IN TEMPORARY TRAFFIC CONTROL, LUMP SUM

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

PRIMARY RECEIVING WATERS:
1. CREVE COEUR CREEK



11/20/2024 3:42:16 PM
STUART ROBINSON MENIEL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/20/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	4

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

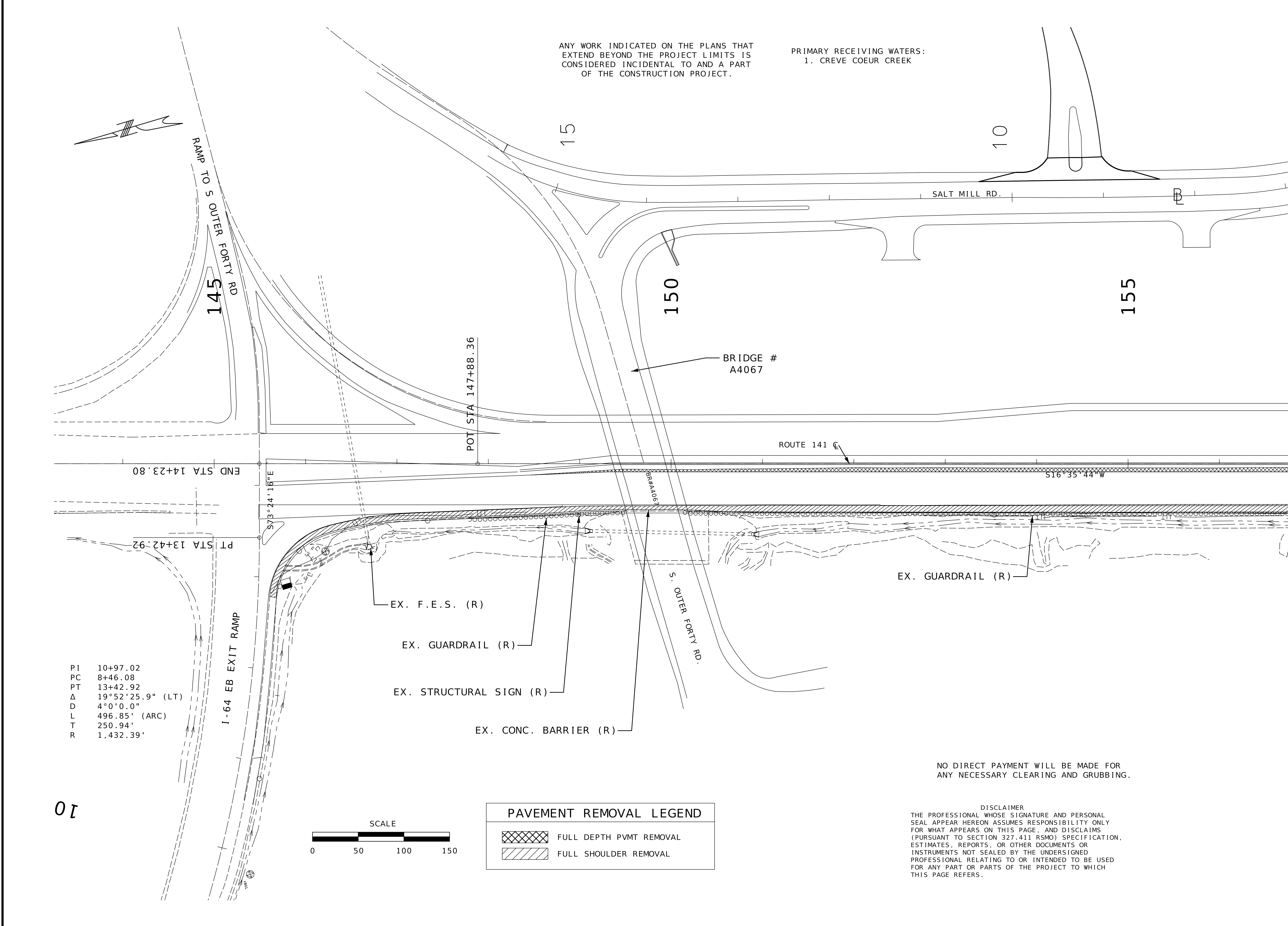
PROJECT NO.

BRIDGE NO.

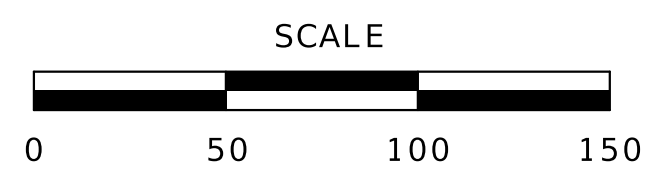
DATE	DESCRIPTION

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

PLAN SHEET
RT 141 REMOVALS



- PI 10+97.02
- PC 8+46.08
- PT 13+42.92
- Δ 19°52'25.9" (LT)
- D 4°0'0.0"
- L 496.85' (ARC)
- T 250.94'
- R 1,432.39'

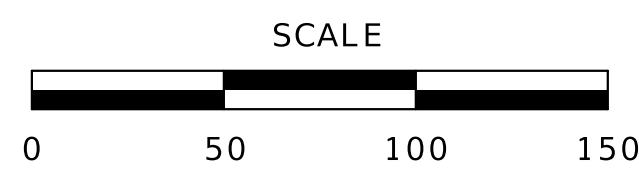
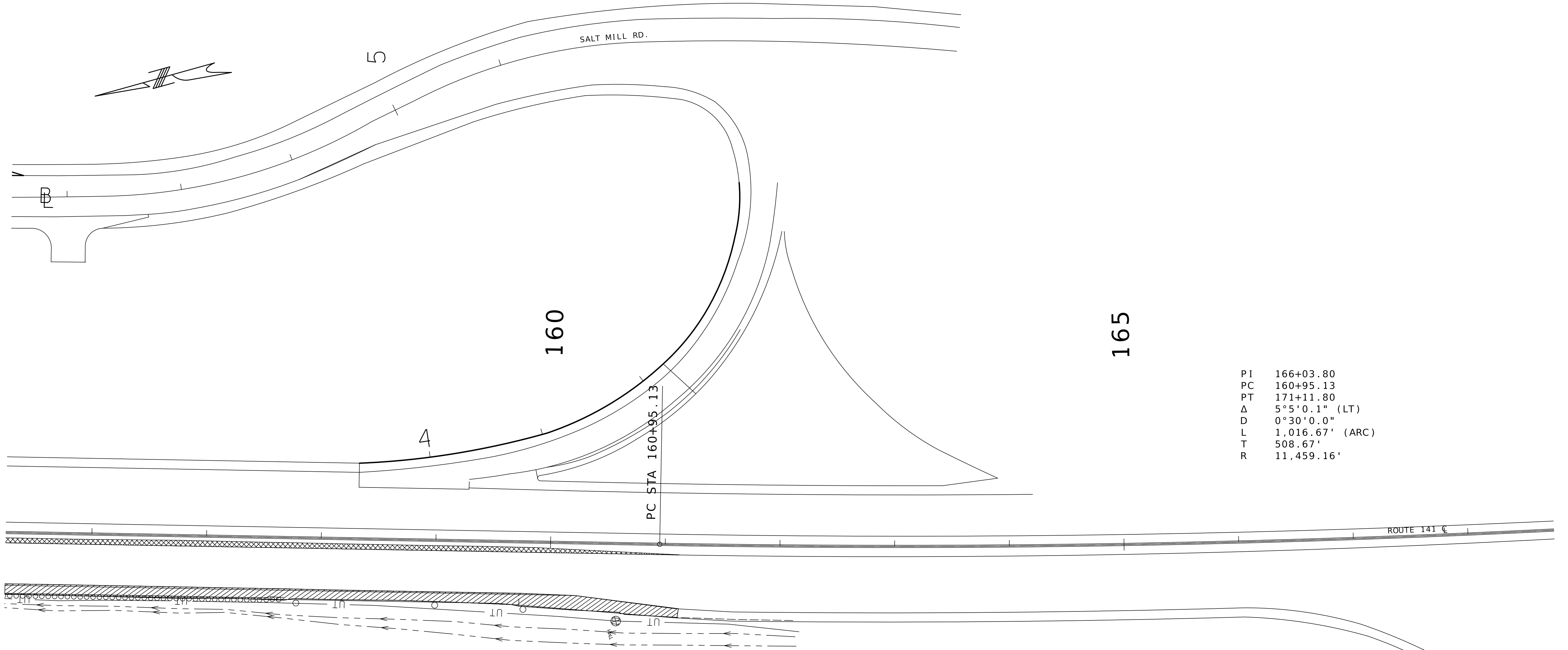


	FULL DEPTH PVMT REMOVAL
	FULL SHOULDER REMOVAL

NO DIRECT PAYMENT WILL BE MADE FOR ANY NECESSARY CLEARING AND GRUBBING.

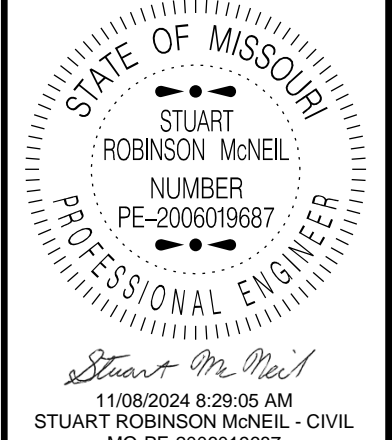
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10



PAVEMENT REMOVAL LEGEND

	FULL DEPTH PAVT REMOVAL
	FULL SHOULDER REMOVAL



DATE PREPARED
11/1/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	5

COUNTY
ST. LOUIS

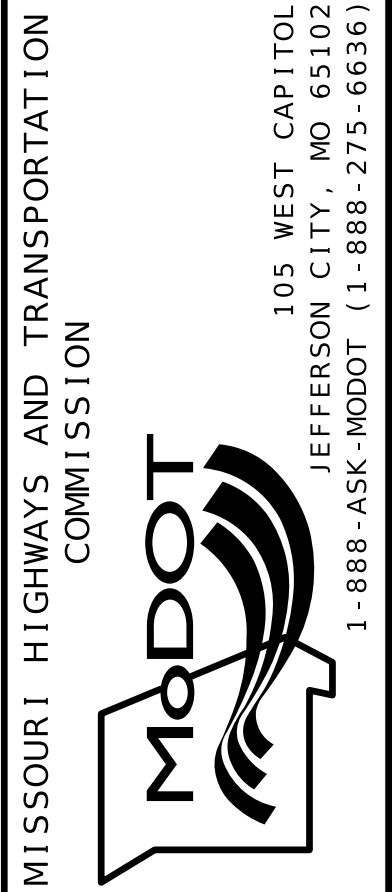
JOB NO.
JSL0121

CONTRACT ID.

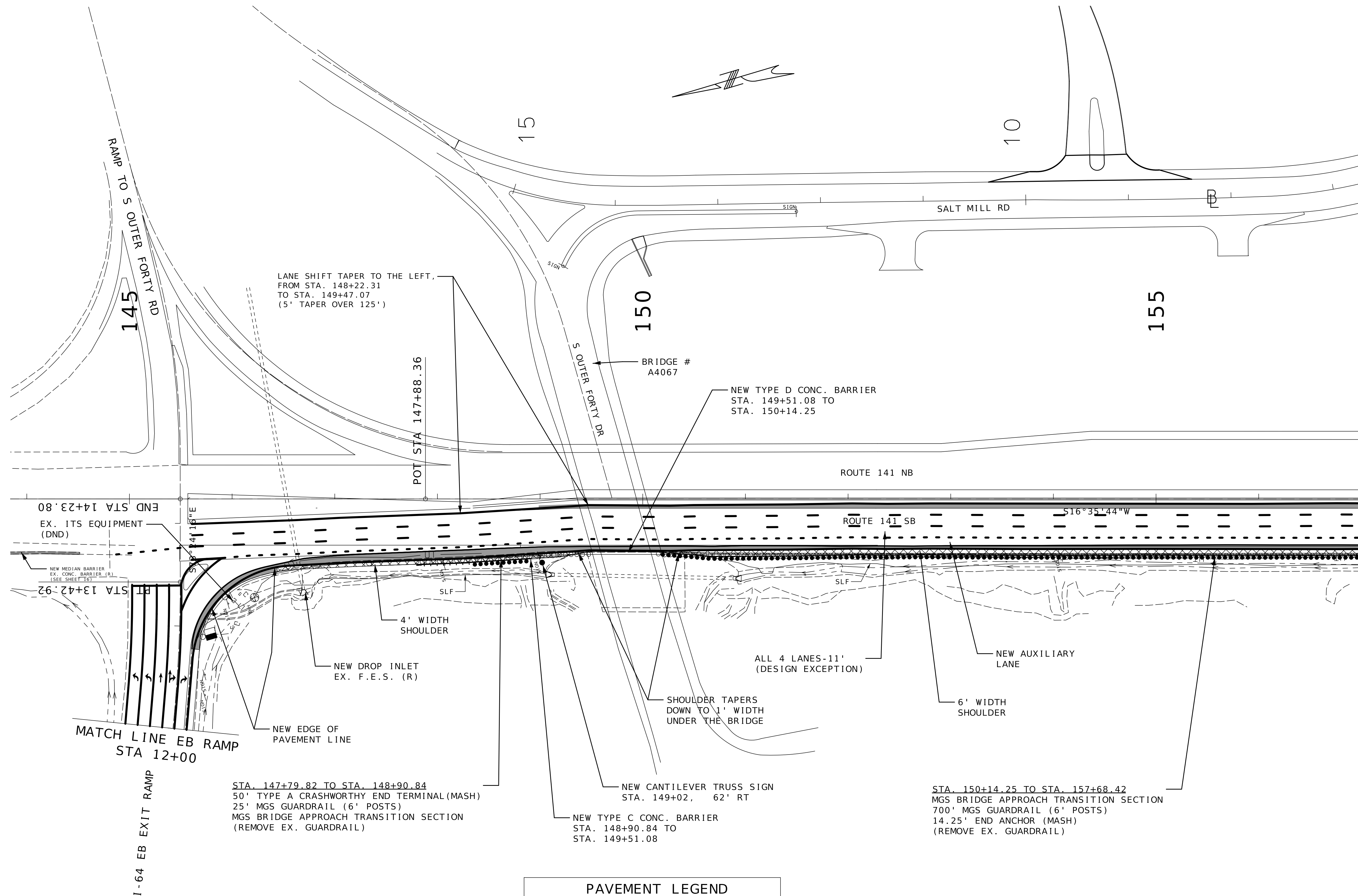
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

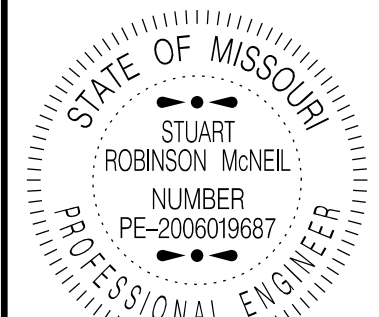


PLAN SHEET
RT 141 REMOVALS



PAVEMENT LEGEND	
	OPTIONAL PAVEMENT
	NEW A2 SHOULDER

MODOT R/W



11/20/2024 3:42:36 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/20/2024

ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 6

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

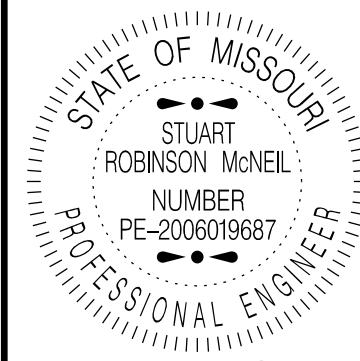
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEETS
MAIN LINE PROPOSED



DATE PREPARED
11/1/2024

ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 7
COUNTY ST. LOUIS
JOB NO. JSL0121
CONTRACT ID.

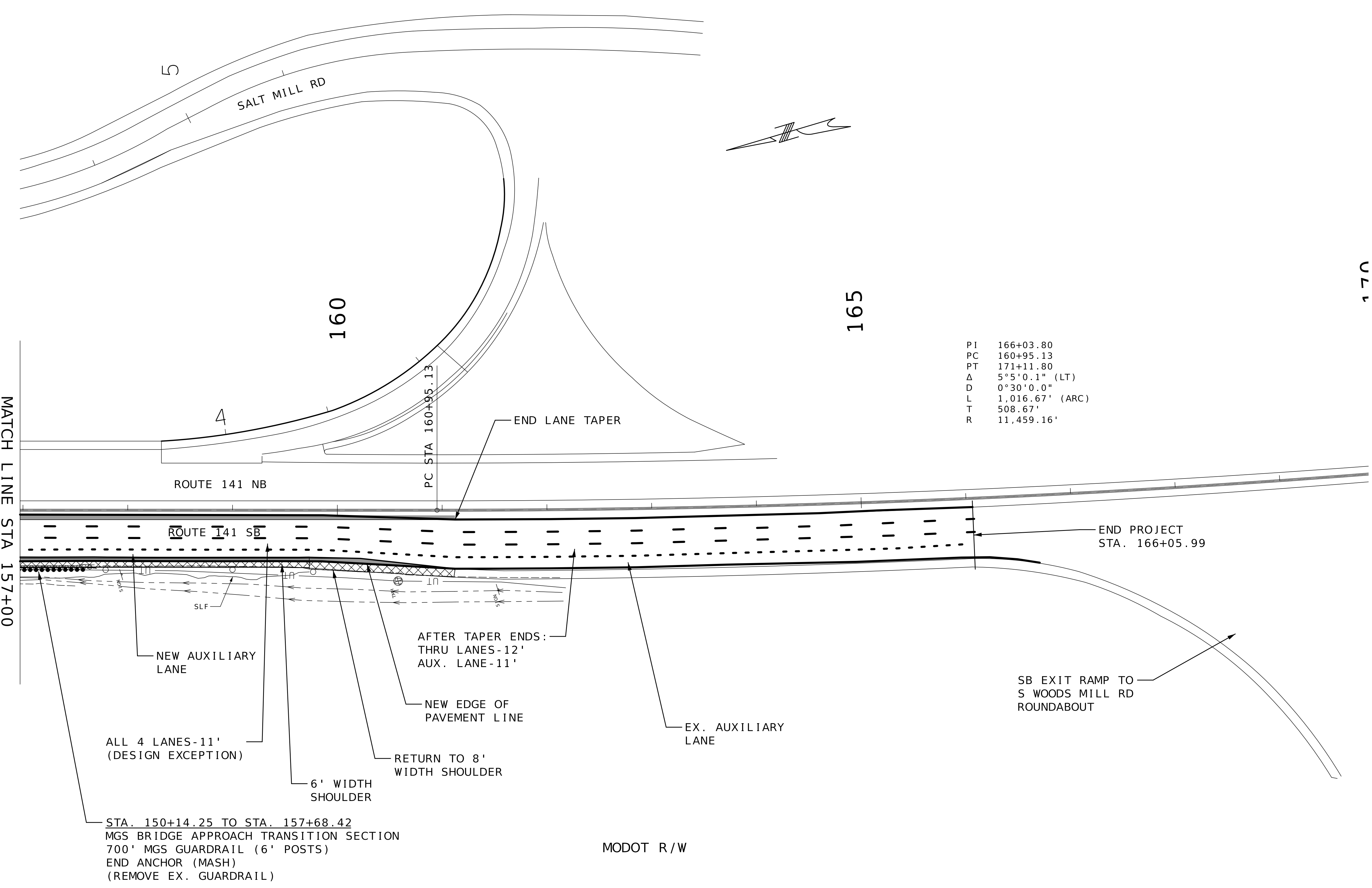
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

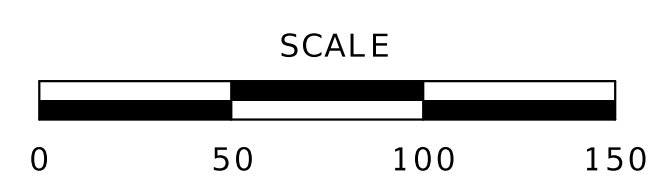
 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



PLAN SHEETS
MAIN LINE PROPOSED



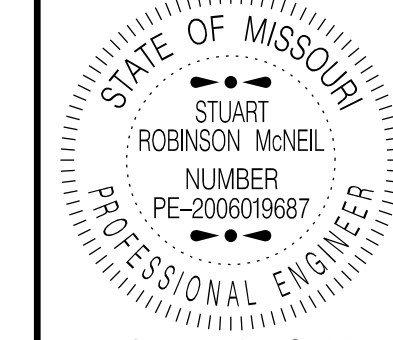
PI 166+03.80
 PC 160+95.13
 PT 171+11.80
 Δ 5°5'0.1" (LT)
 D 0°30'0.0"
 L 1,016.67' (ARC)
 T 508.67'
 R 11,459.16'

STA. 150+14.25 TO STA. 157+68.42
 MGS BRIDGE APPROACH TRANSITION SECTION
 700' MGS GUARDRAIL (6' POSTS)
 END ANCHOR (MASH)
 (REMOVE EX. GUARDRAIL)



PAVEMENT LEGEND	
	OPTIONAL PAVEMENT
	NEW A2 SHOULDER

MODOT R/W



Stuart McNeil
 11/09/2024 8:29:41 AM
 STUART ROBINSON MCNEIL - CIVIL
 MO-PE-2006019687

DATE PREPARED
 11/1/2024

ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 8

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

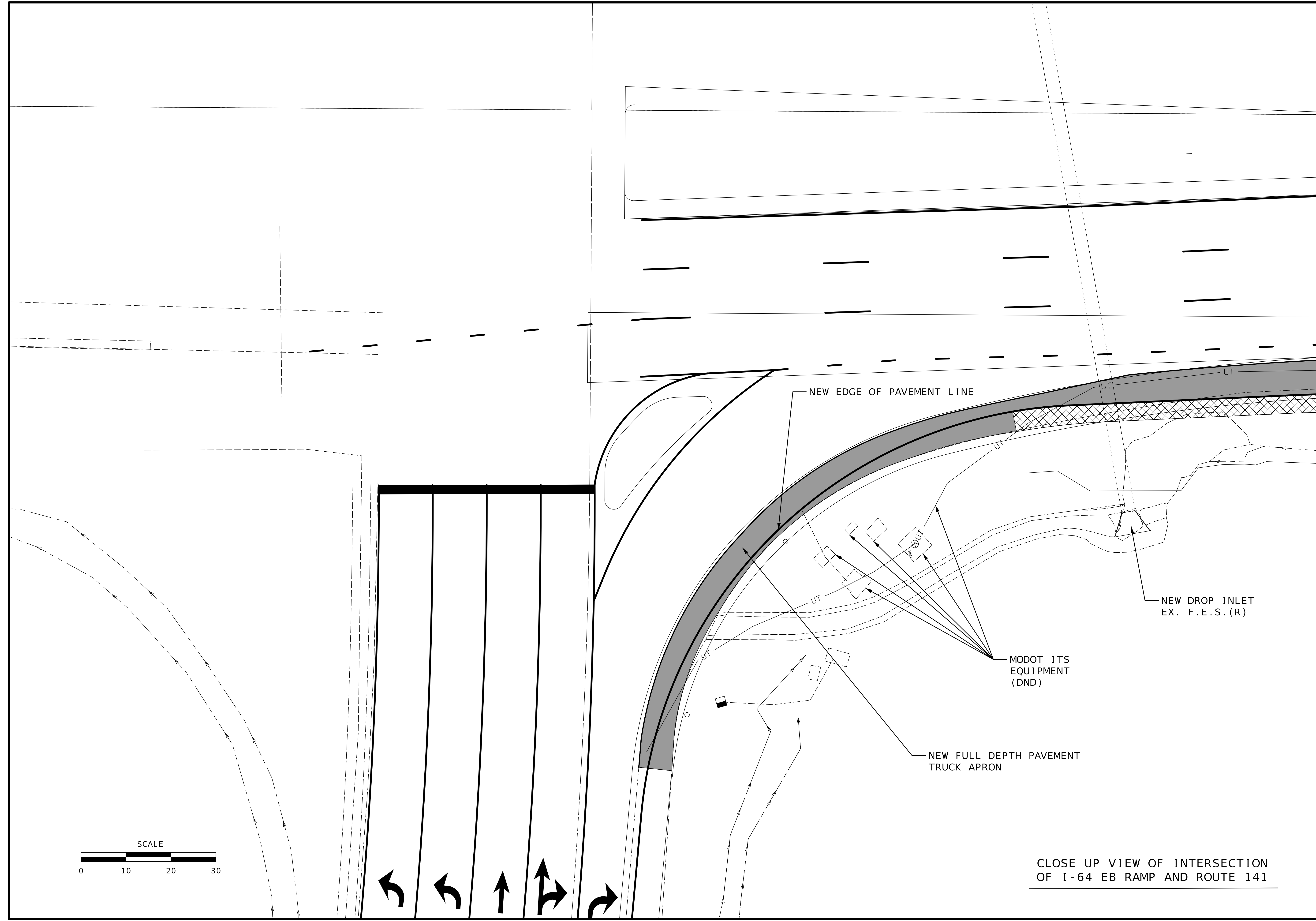
BRIDGE NO.

DATE	DESCRIPTION

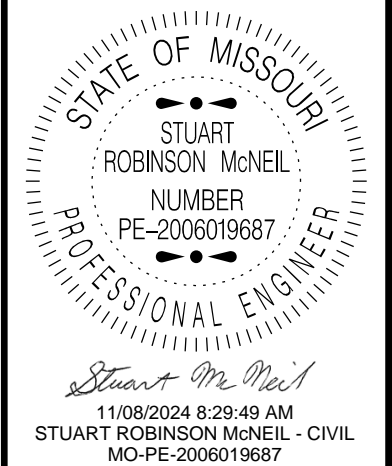
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MAINLINE & EB
 INTERSECTION
 ZOOMED IN



CLOSE UP VIEW OF INTERSECTION
 OF I-64 EB RAMP AND ROUTE 141



DATE PREPARED
11/1/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	9

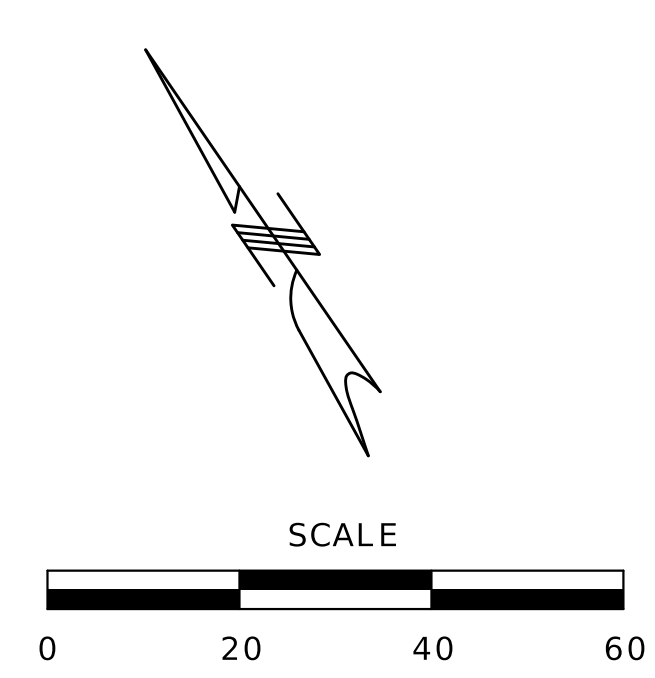
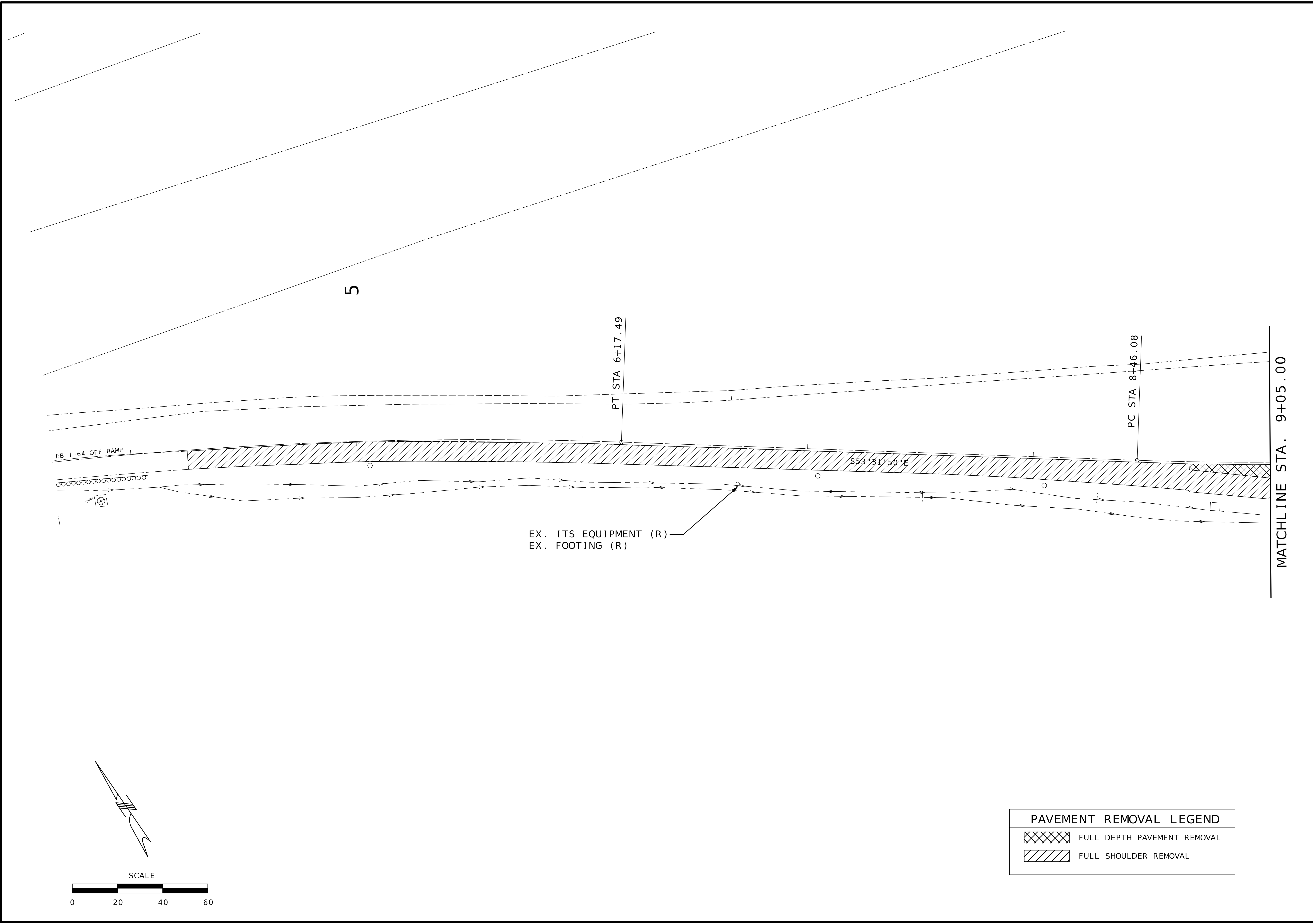
COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



PAVEMENT REMOVAL LEGEND	
	FULL DEPTH PAVEMENT REMOVAL
	FULL SHOULDER REMOVAL

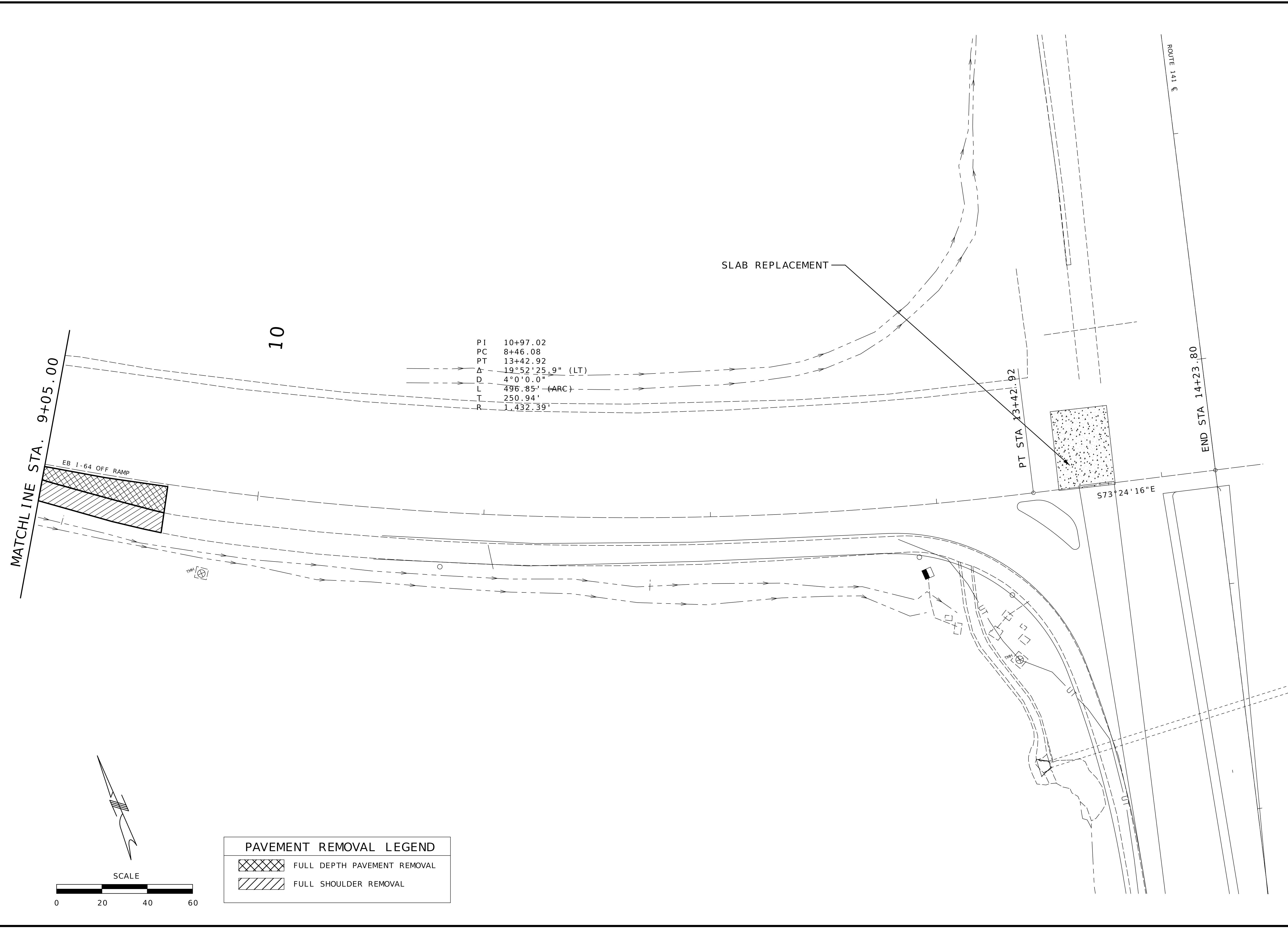
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

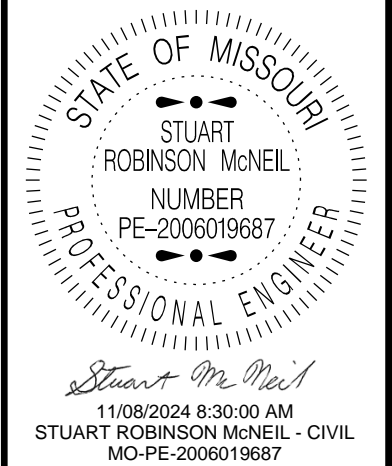
MoDOT

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

PLAN SHEET
EB I-64 OFF RAMP
EXISTING REMOVALS



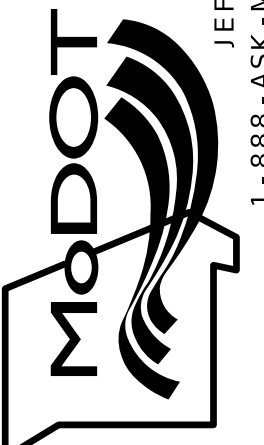
PI	10+97.02
PC	8+46.08
PT	13+42.92
Δ	19°52'25.9" (LT)
D	4°0'0.0"
L	496.85' (ARC)
T	250.94'
R	1,432.39'



DATE PREPARED	
11/1/2024	
ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	10
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

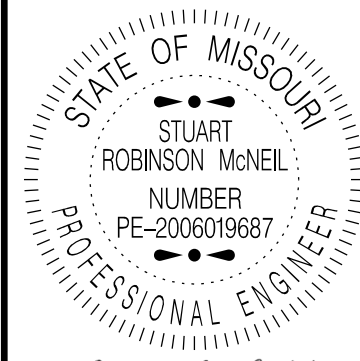
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

**PLAN SHEET
EB I-64 OFF RAMP
EXISTING REMOVALS**



11/08/2024 8:30:10 AM
 STUART ROBINSON MCNEIL - CIVIL
 MO-PE-2006019687

DATE PREPARED
 11/1/2024

ROUTE STATE
 141 MO

DISTRICT SHEET NO.
 SL 11

COUNTY
 ST. LOUIS

JOB NO.
 JSL0121

CONTRACT ID.

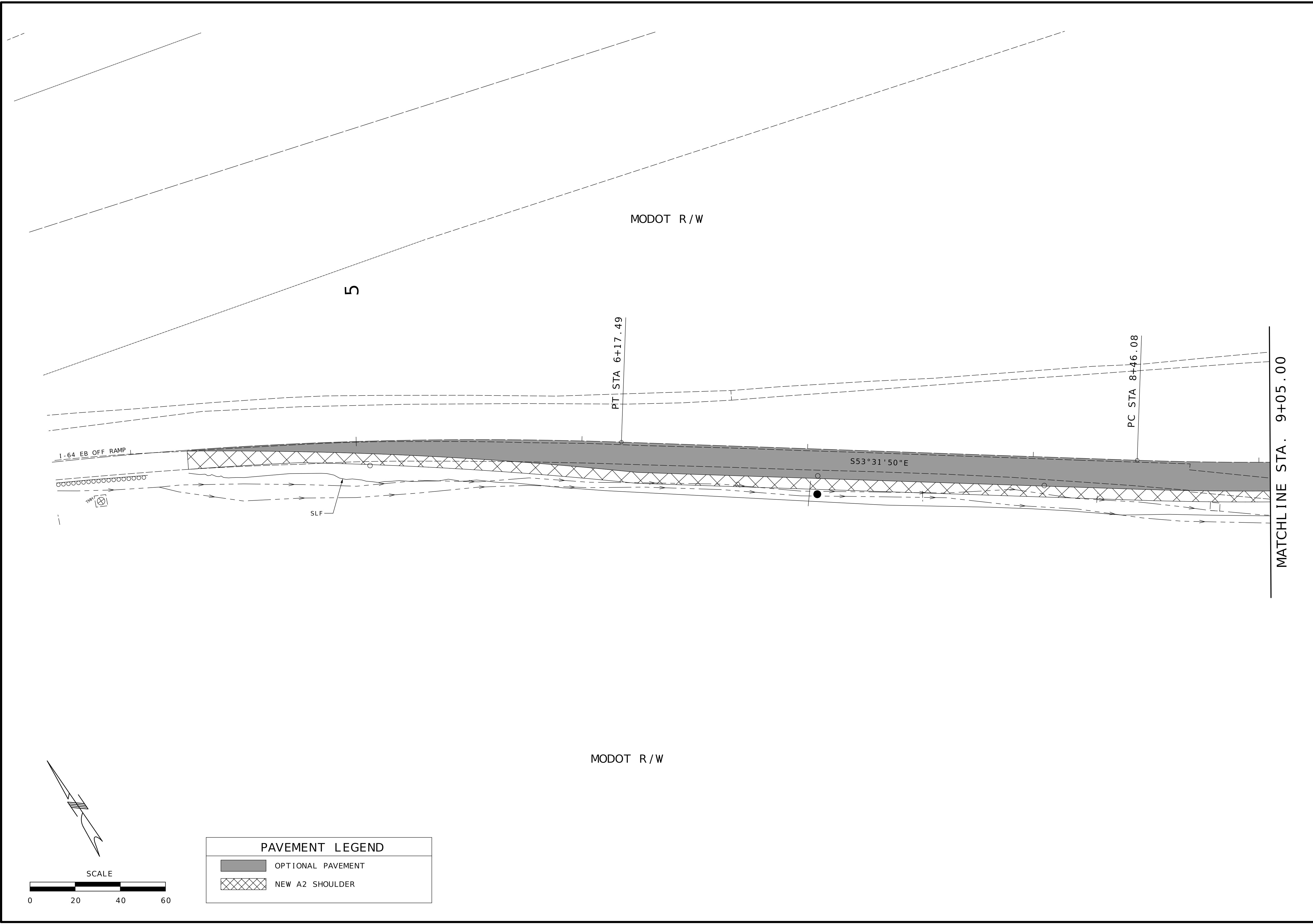
PROJECT NO.

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
 EB I-64 OFF RAMP
 PROPOSED



MATCHLINE STA. 9+05.00

5

MODOT R/W

PT STA 6+17.49

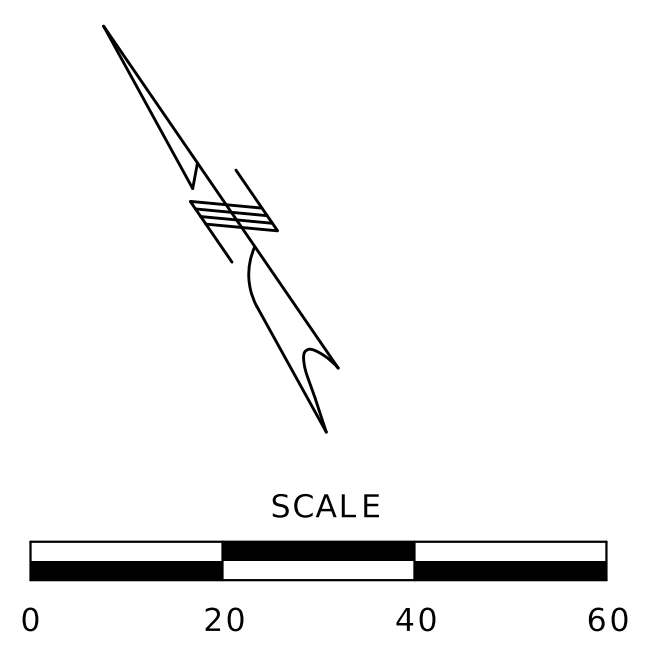
PC STA 8+46.08

1-64 EB OFF RAMP

S53°31'50"E

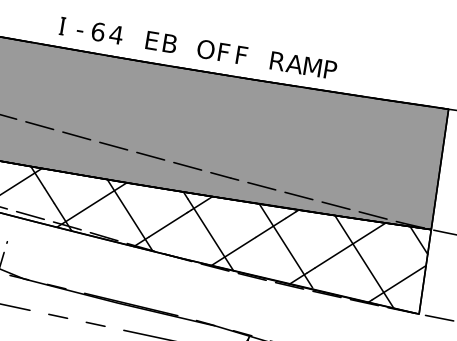
SLF

MODOT R/W



PAVEMENT LEGEND	
	OPTIONAL PAVEMENT
	NEW A2 SHOULDER

MATCHLINE STA. 9+05.00



10

MODOT R/W

PI 10+97.02
 PC 8+46.08
 PT 13+42.92
 Δ 19°52'25.9" (LT)
 D 4°0'0.0"
 L 496.85' (ARC)
 T 250.94'
 R 1,432.39'

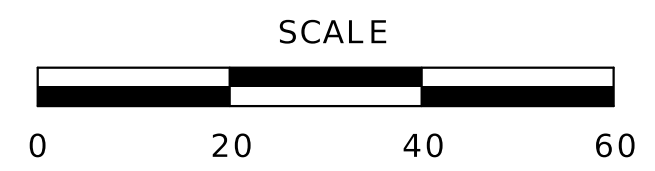
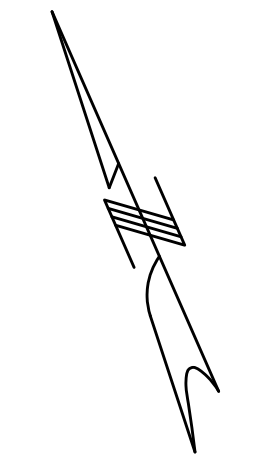
SLAB REPLACEMENT
(PAID BY "OPTIONAL PAVEMENT")

PT STA 13+42.92

573°24'16"E

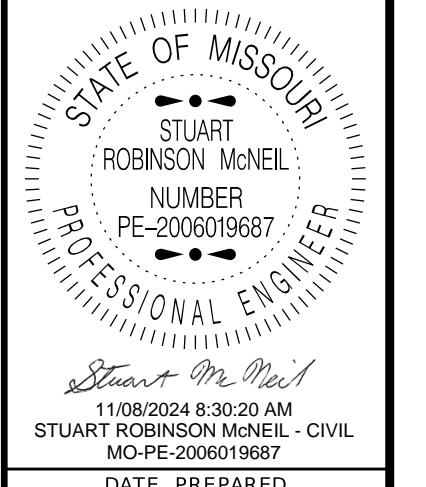
END STA 14+23.80

ROUTE 141 E



PAVEMENT LEGEND	
	OPTIONAL PAVEMENT
	NEW A2 SHOULDER

MODOT R/W



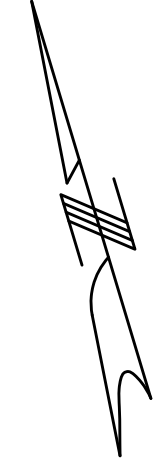
DATE PREPARED 11/1/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 12
COUNTY ST. LOUIS	
JOB NO. JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

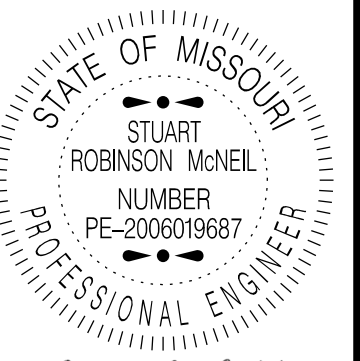
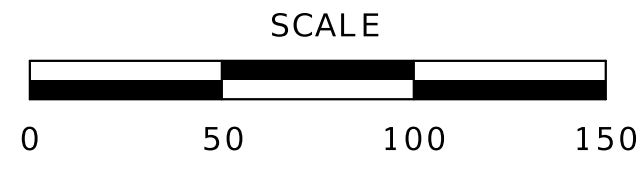
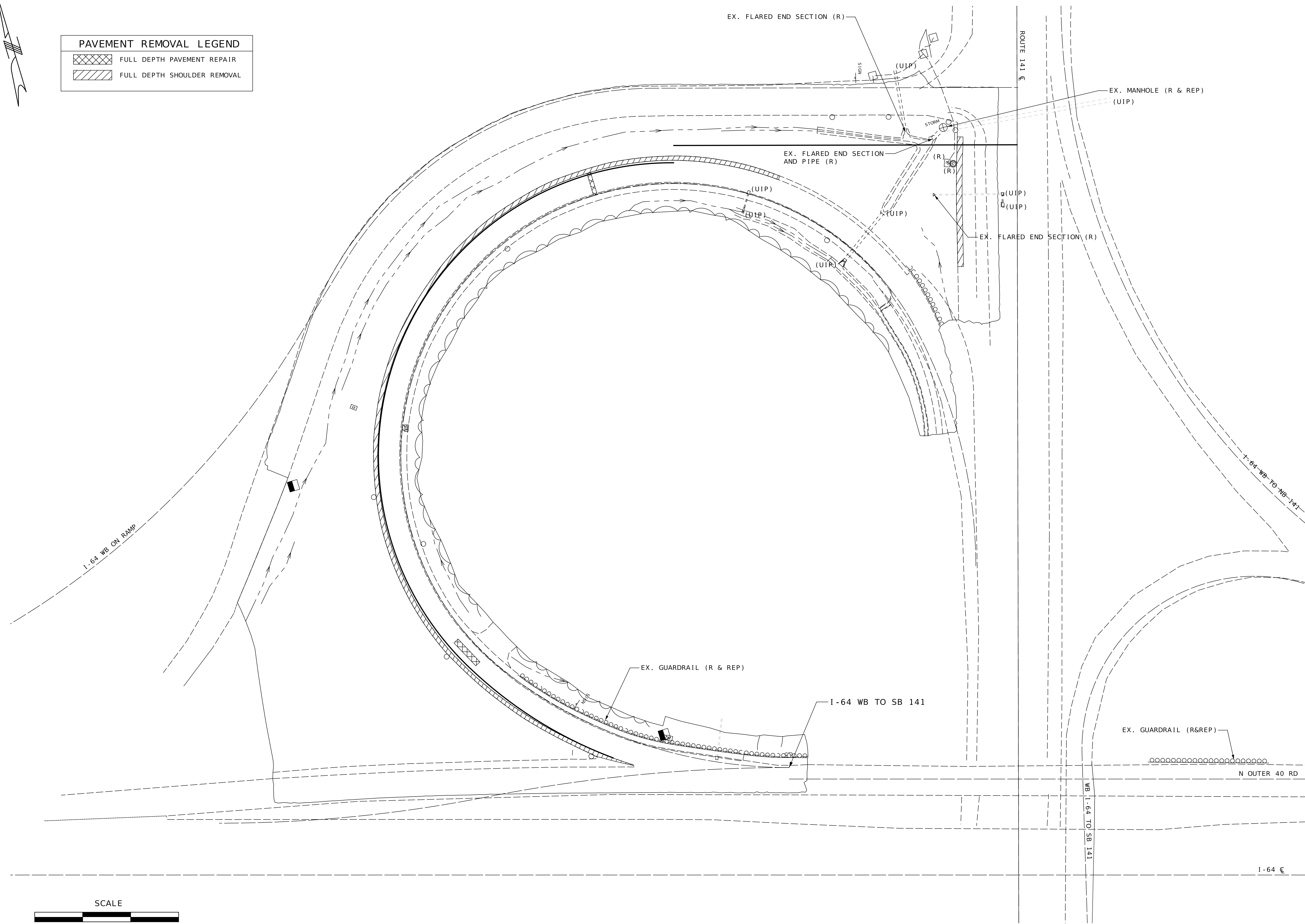
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEET
EB I-64 OFF RAMP
PROPOSED



PAVEMENT REMOVAL LEGEND

	FULL DEPTH PAVEMENT REPAIR
	FULL DEPTH SHOULDER REMOVAL



STUART ROBINSON MCNEIL
 PE-2006019687
 DATE PREPARED
 11/1/2024

ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 13
 COUNTY ST. LOUIS
 JOB NO. JSL0121
 CONTRACT ID.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

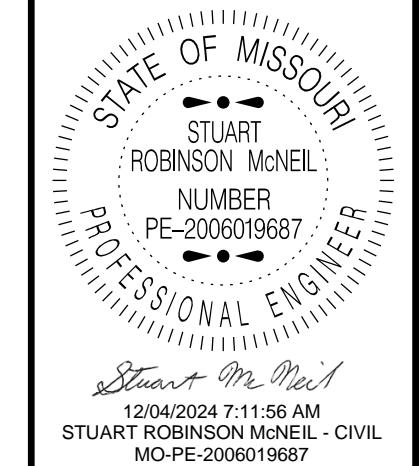
PLAN SHEET
WB I-64 OFF RAMP
EXISTING REMOVALS

PAVEMENT LEGEND

	OPTIONAL PAVEMENT
	NEW A2 SHOULDER
	EXISTING RAISED SHOULDER 0-2 IN. M/F BP-1 W/ PG64-22
	0-2 IN. MOD. COLDMILLING DEPTH TRANSITION
	EXISTING SHOULDER AT GRADE 2" OVERLAY OF BP-1 W/ PG64-22

EX. MAINLINE TREATMENT WILL BE
OVERLAY 2 IN. SP125BSM W/ PG 76-22

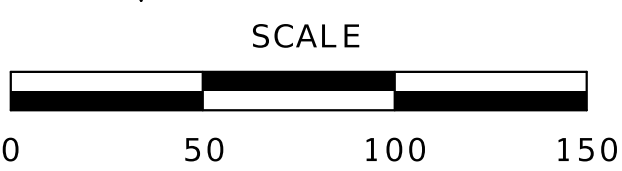
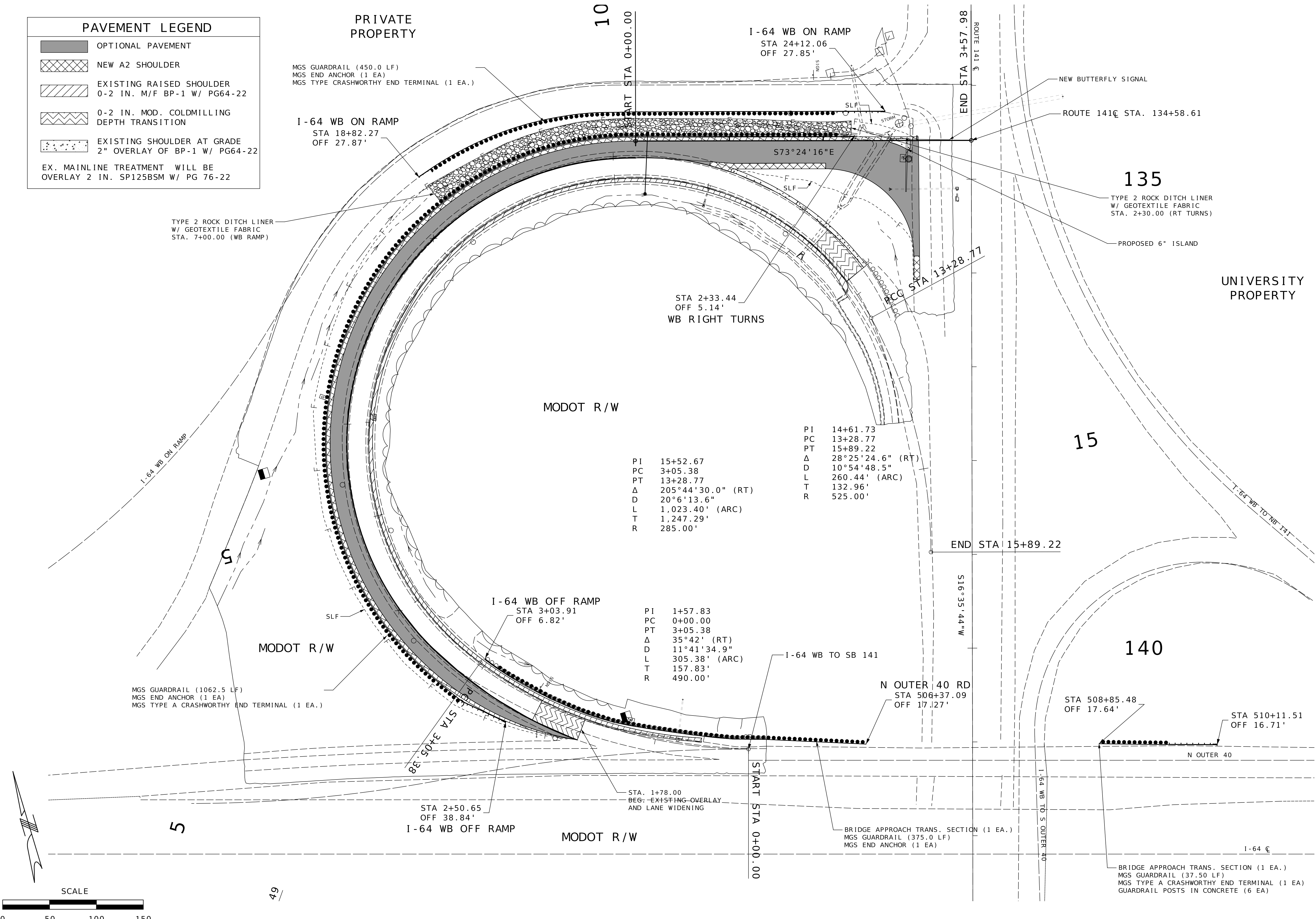
PRIVATE
PROPERTY



DATE PREPARED
12/3/2024

ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 14
COUNTY ST. LOUIS	
JOB NO. JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

UNIVERSITY
PROPERTY



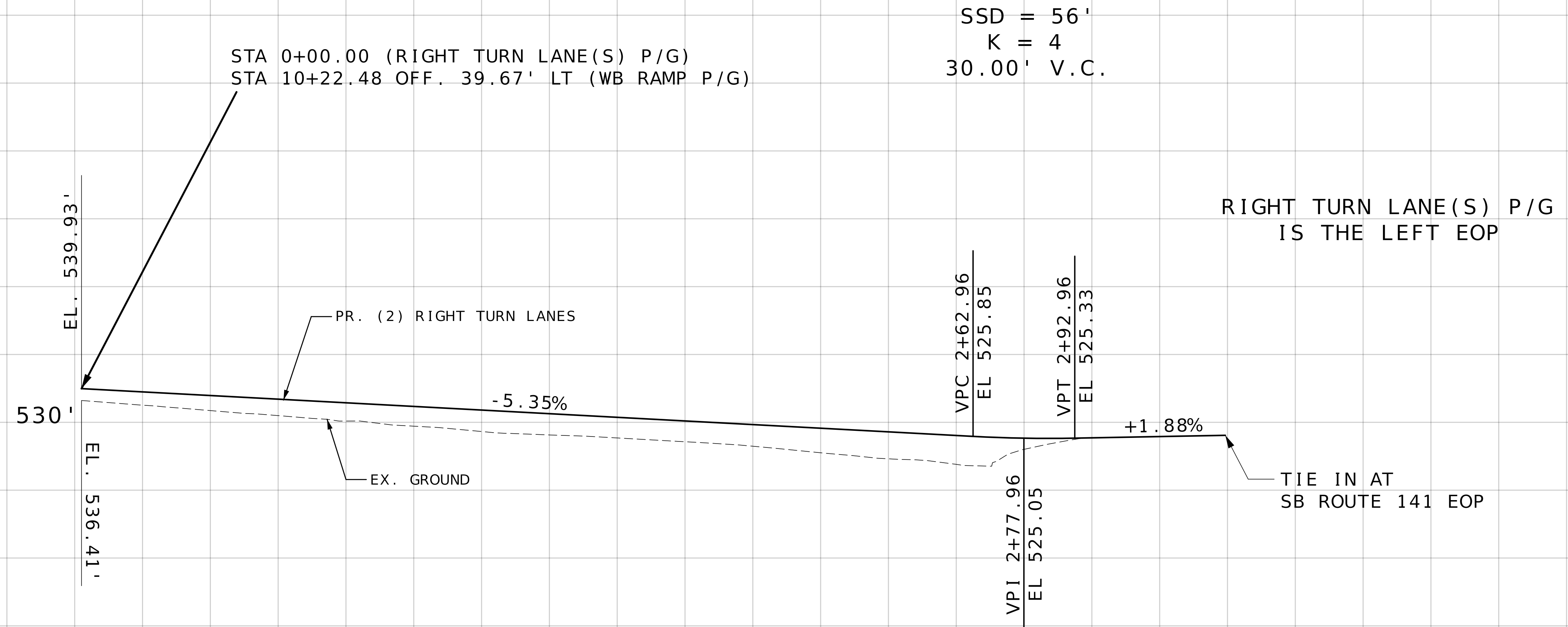
49

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

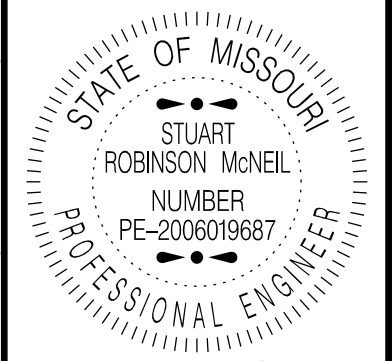
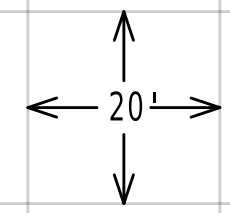
PLAN SHEET
WB I-64 OFF RAMP
PROPOSED



SSD = 56'
 K = 4
 30.00' V.C.

RIGHT TURN LANE(S) P/G
 IS THE LEFT EOP

TIE IN AT
 SB ROUTE 141 EOP



11/08/2024 8:30:49 AM
 STUART ROBINSON MCNEIL - CIVIL
 MO-PE-2006019687

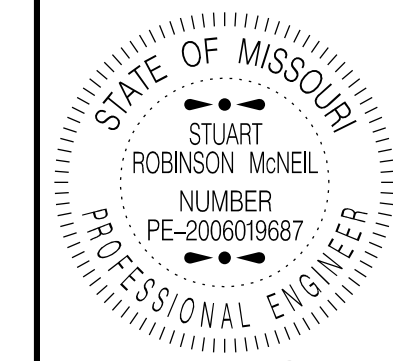
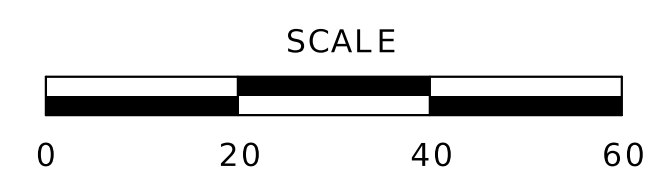
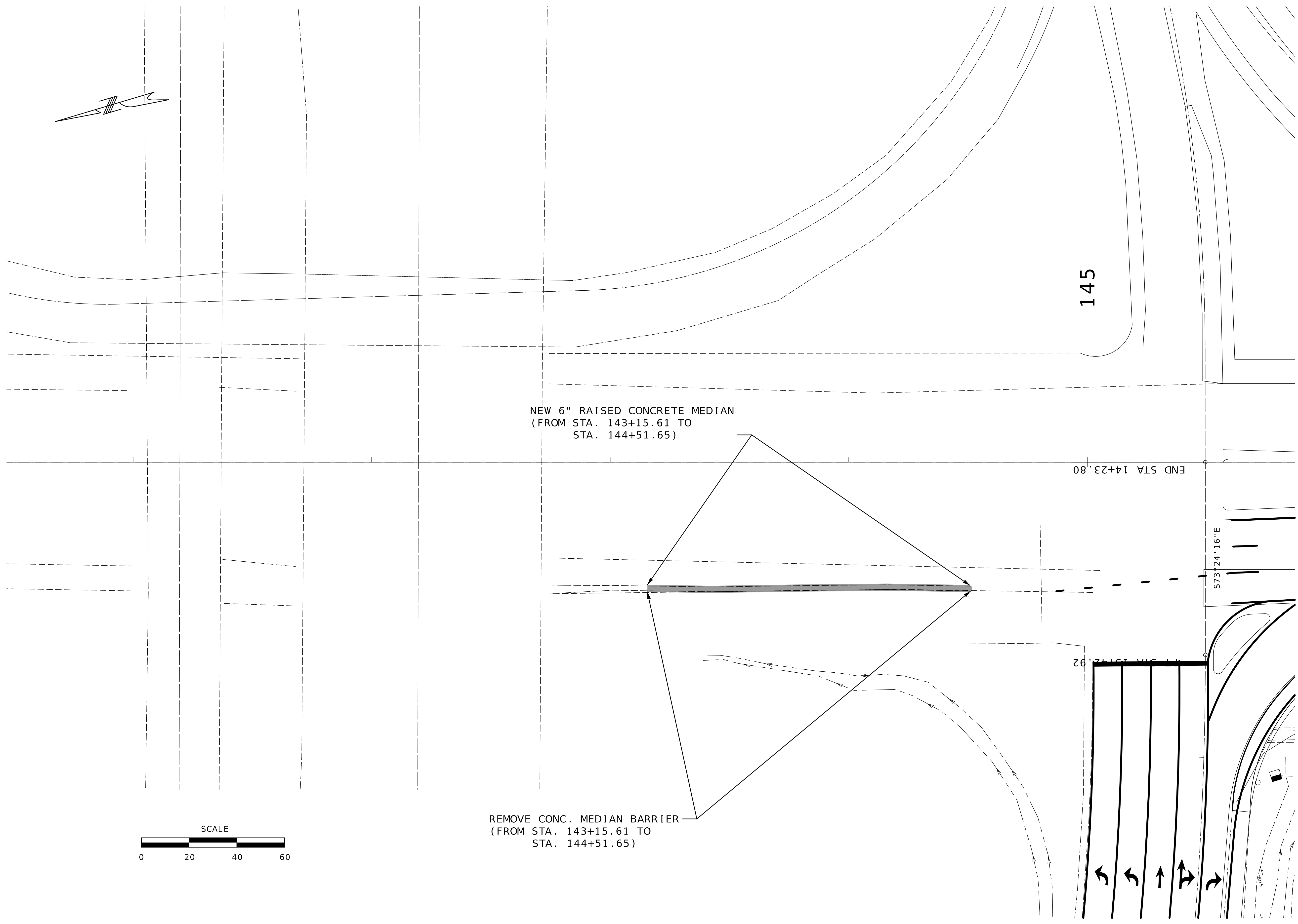
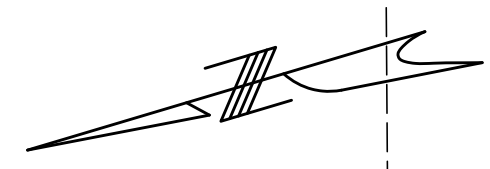
DATE PREPARED 11/1/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 15
COUNTY ST. LOUIS	
JOB NO. JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PROFILE SHEET
 WB RAMP
 RIGHT TURNS



Stuart McNeil
 11/08/2024 9:17:10 AM
 STUART ROBINSON MCNEIL - CIVIL
 MO-PE-2006019687

DATE PREPARED
 11/1/2024

ROUTE STATE
 141 MO
 DISTRICT SHEET NO.
 SL 16

COUNTY
 ST. LOUIS

JOB NO.
 JSL0121

CONTRACT ID.

PROJECT NO.

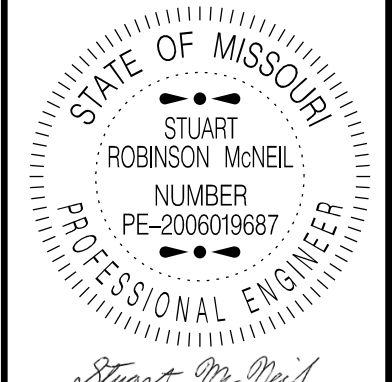
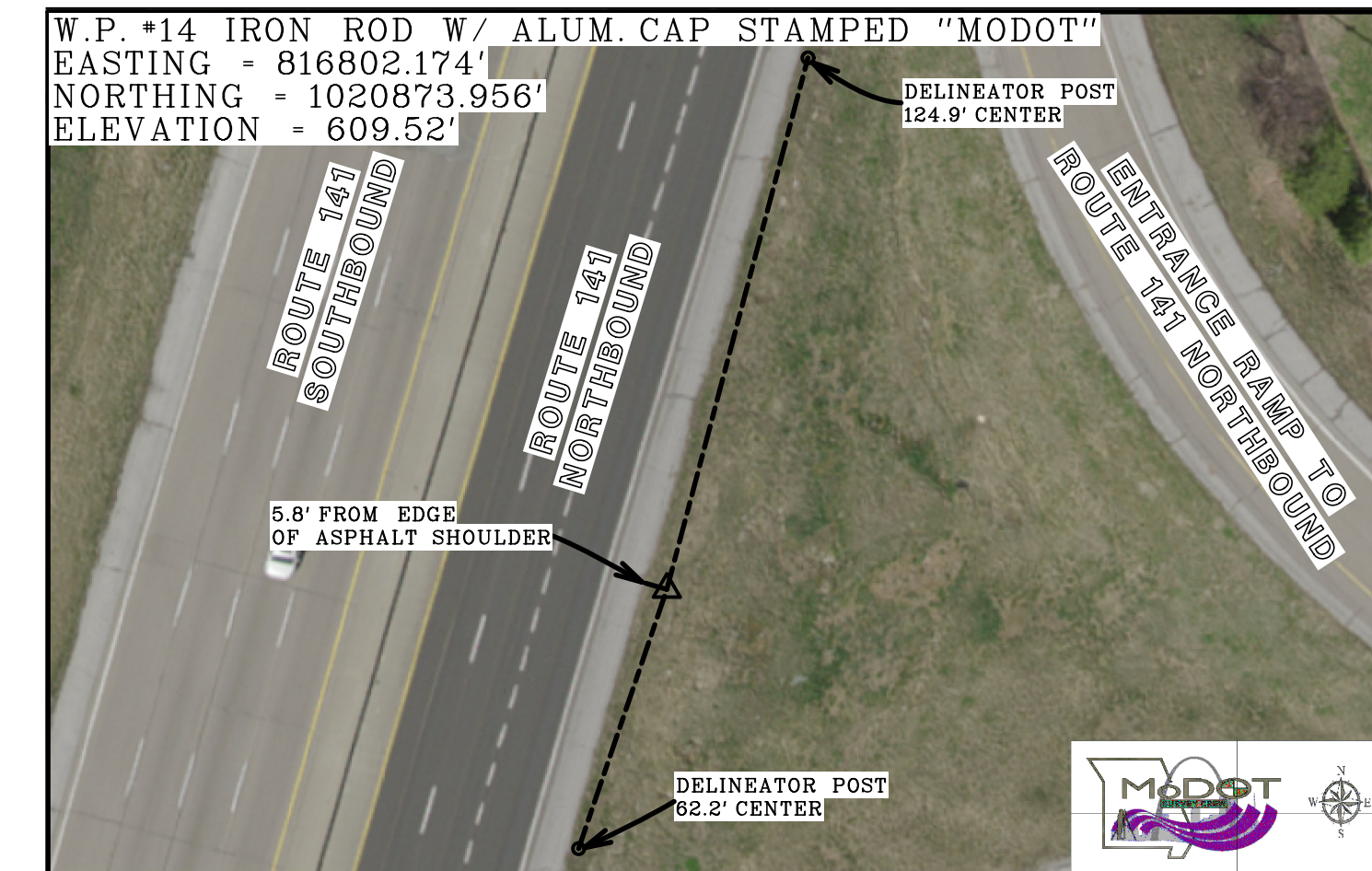
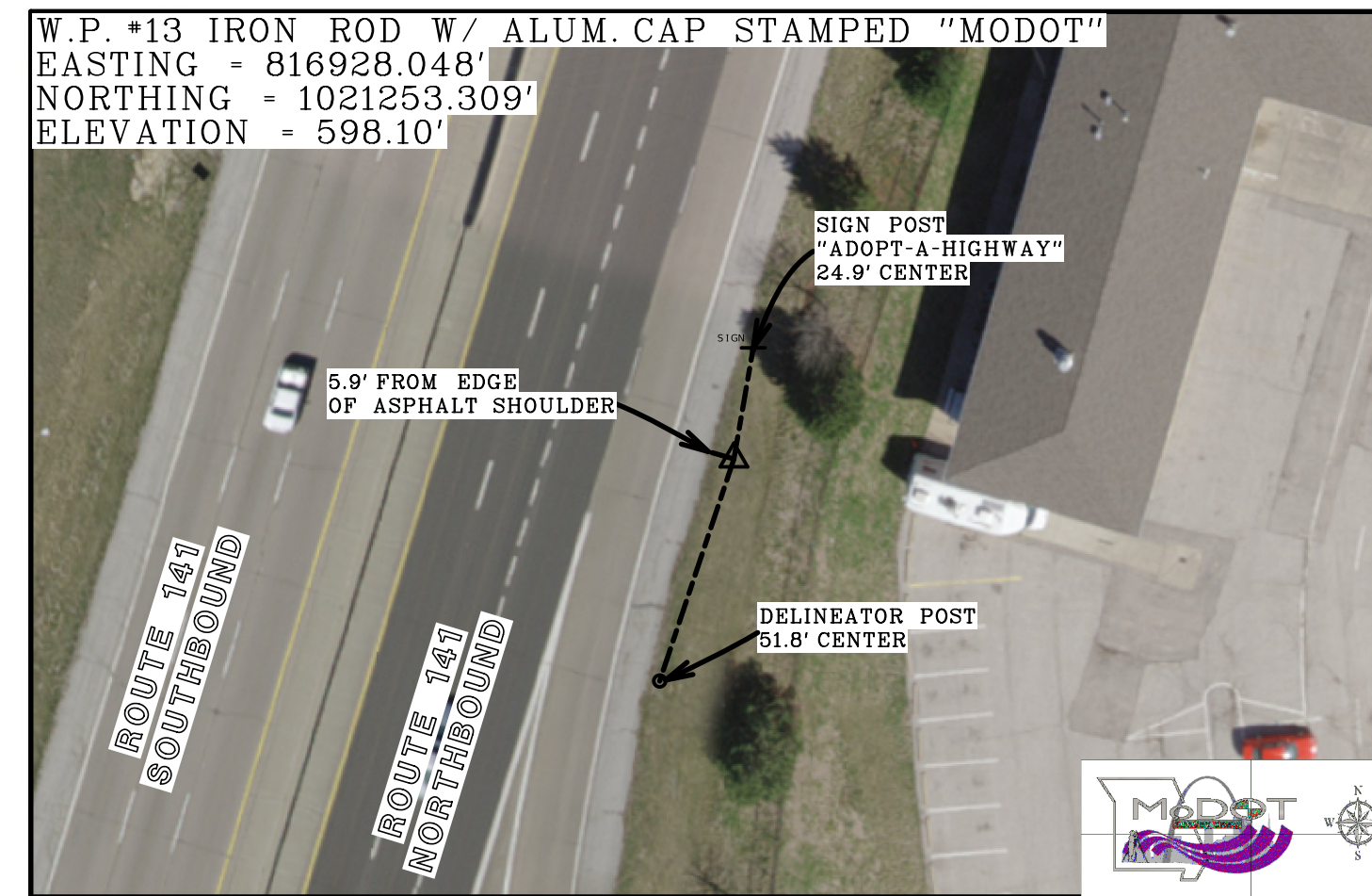
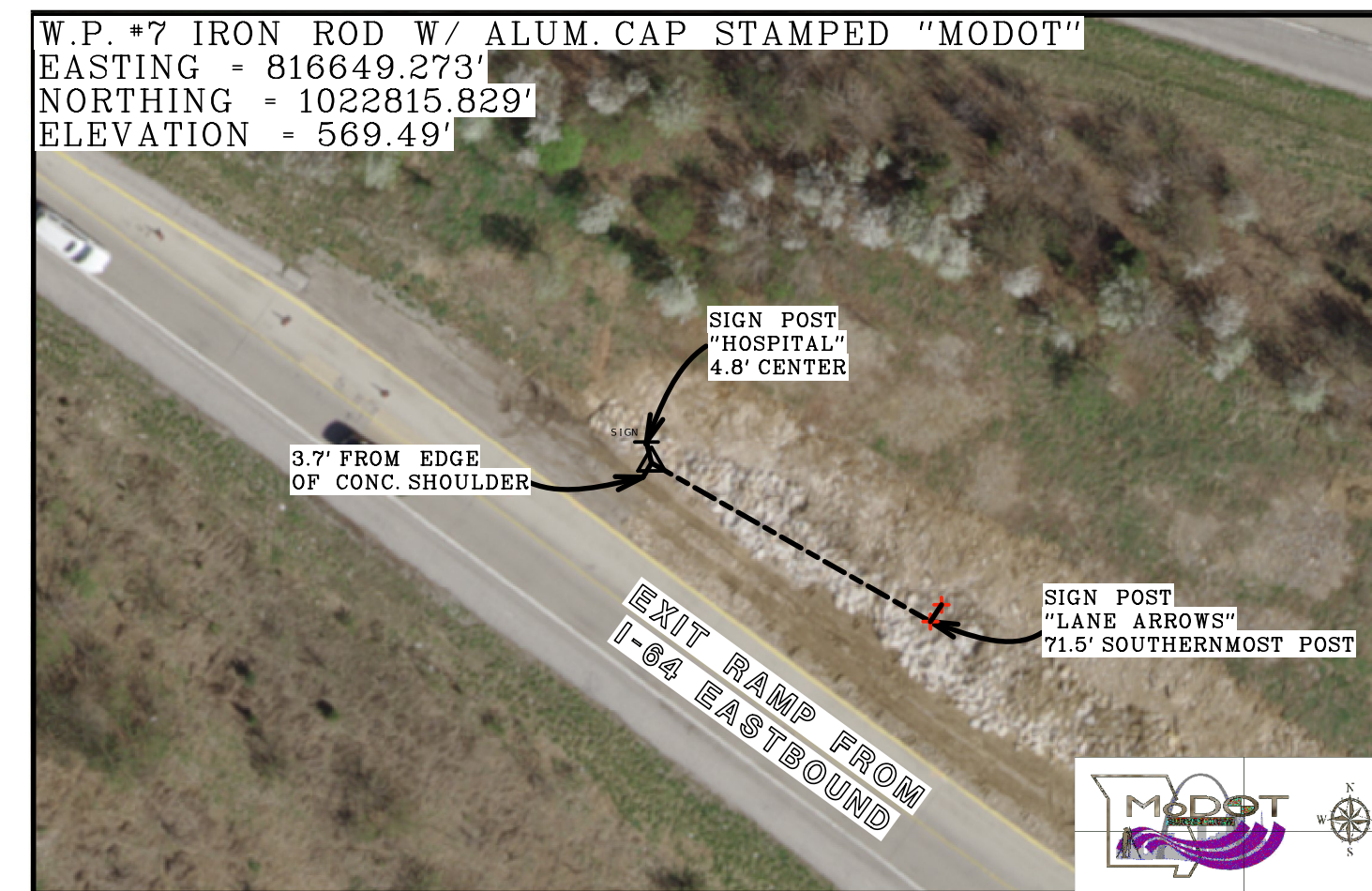
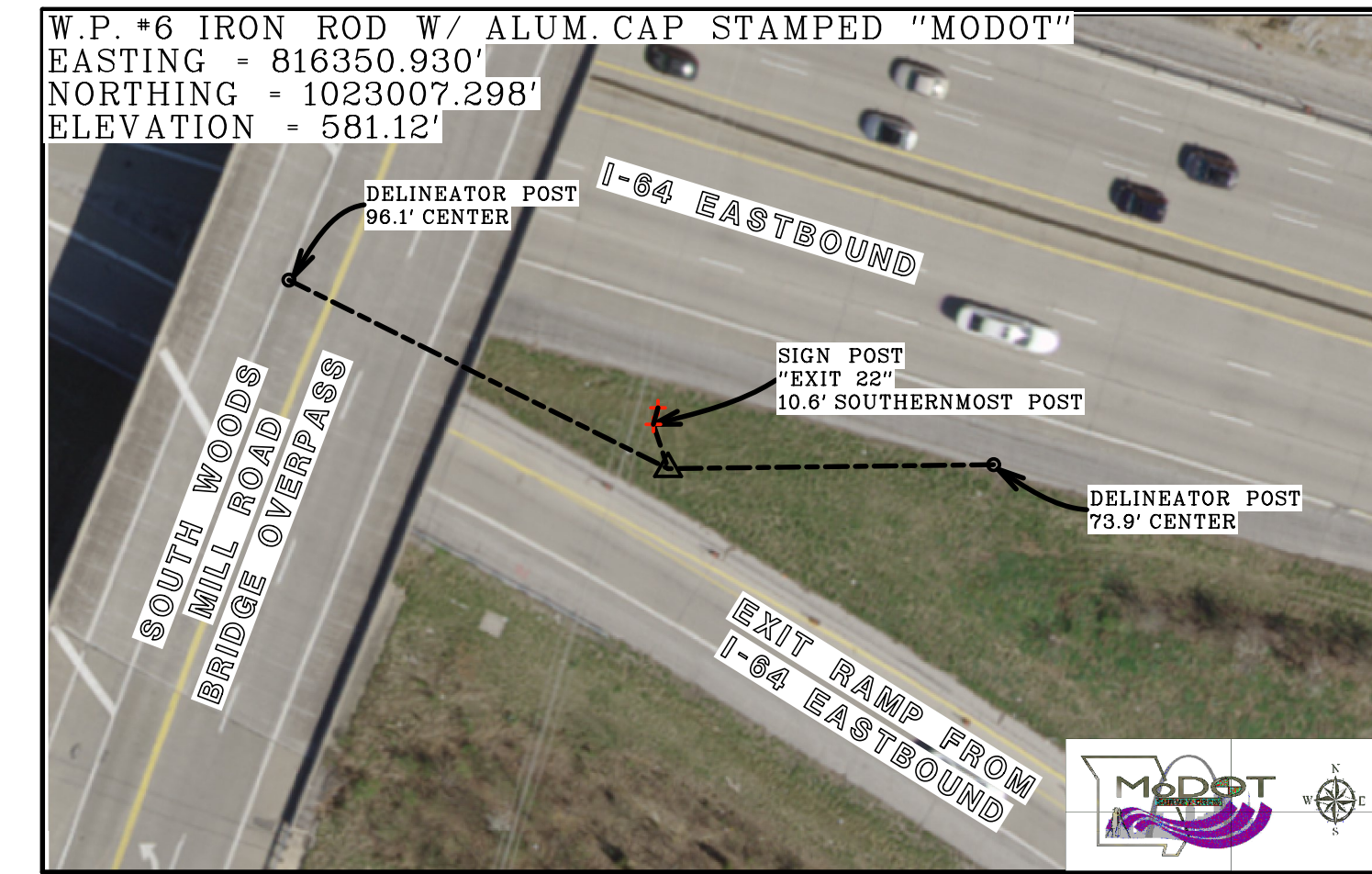
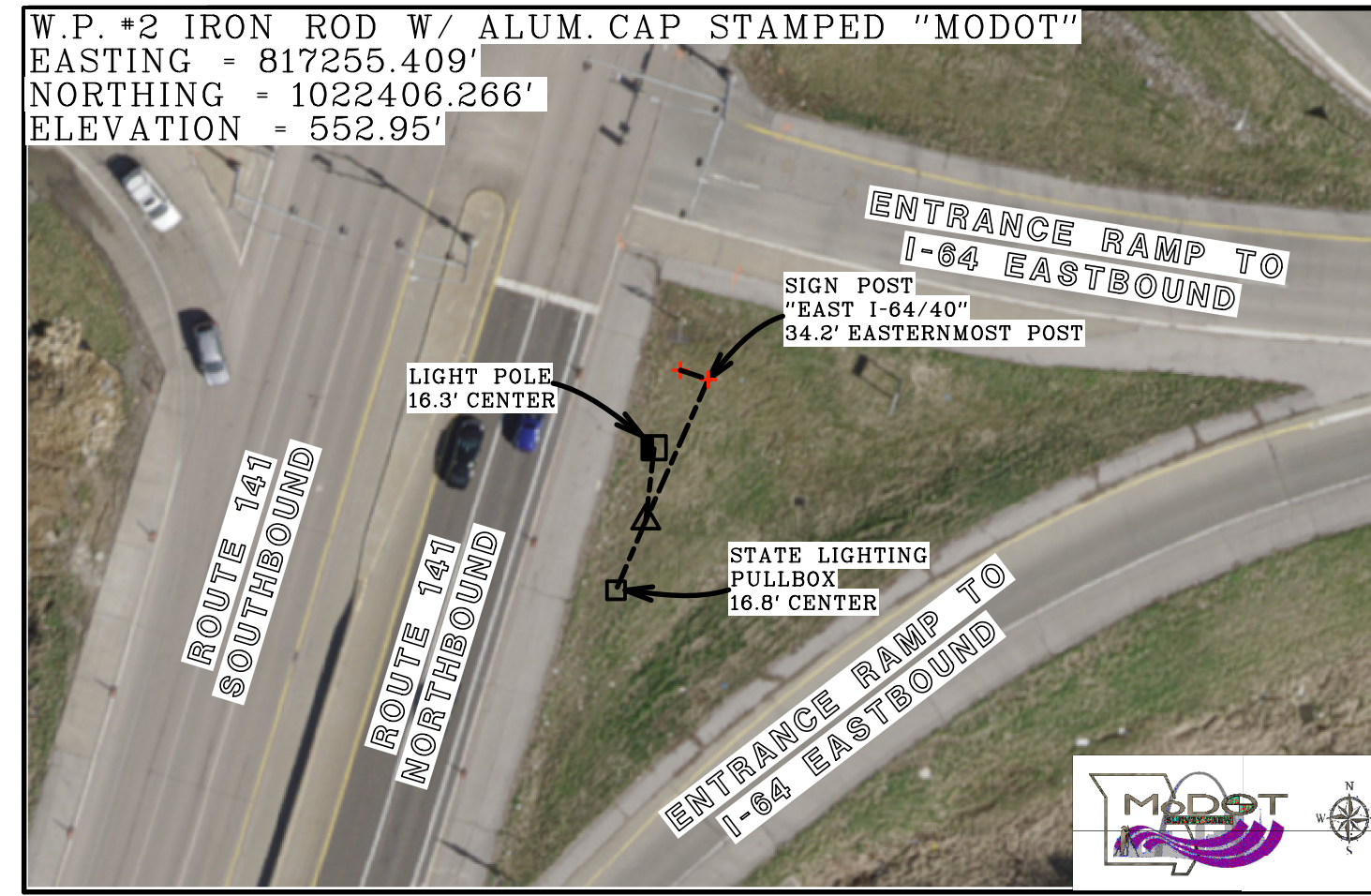
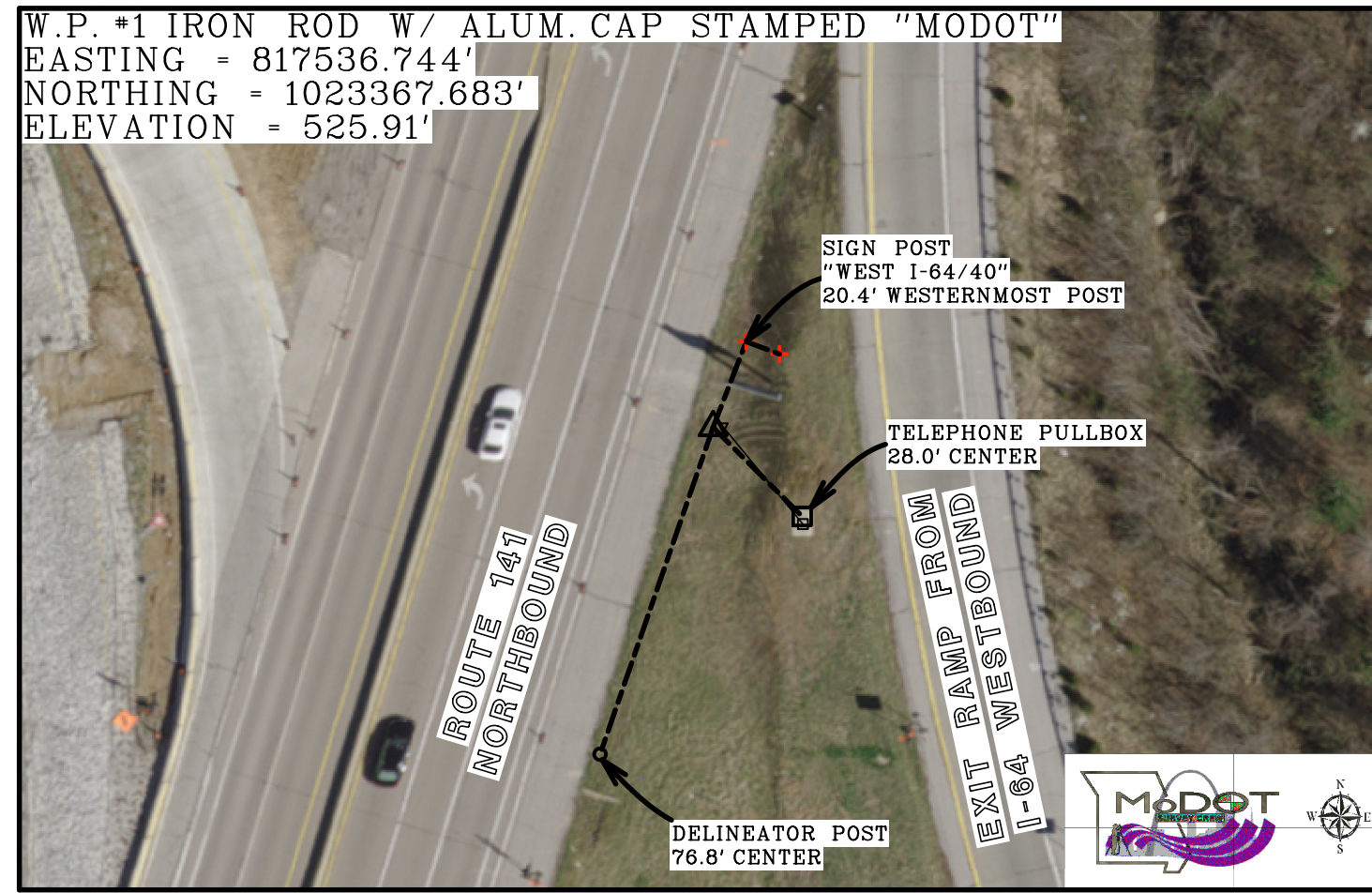
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
 MAINLINE PROPOSED
 NEW MEDIAN ISLAND



STUART
ROBINSON MCNEIL
NUMBER
PE-2006019687
PROFESSIONAL ENGINEER

Stuart McNeil
11/08/2024 9:17:23 AM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/1/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	17

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.
X

PROJECT NO.
X

BRIDGE NO.
X

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

REFERENCE POINTS

*MODIFIED STATE PLANE

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE (GROUND)
HORIZONTAL DATUM	NAD 83 (2011) EPOCH 2010.0
VERTICAL DATUM	NAVD 1988; GNSS DERIVED
GEOID MODEL	Geoid18 (Conus)
ELEVATIONS DETERMINED BY	GNSS Observations
PROJECT PROJECTION FACTOR	1.00008780

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MISSOURI COORD. SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT SEILER TREECOURT CORS ARP
CORS_ID	MOSI
PID	DL3650
LATITUDE	38°33'44.23061" N
LONGITUDE	90°27'40.90237" W
NORTHING (M)	302843.5680
EASTING (M)	253367.3910
ZONE	EAST
PROJECT AVERAGE GRID FACTOR	0.99991220

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

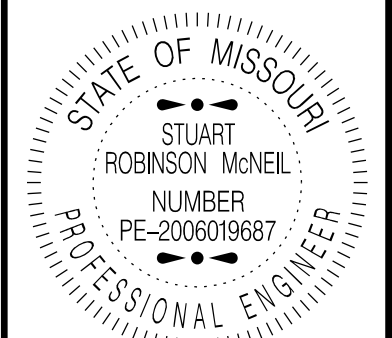
PROJECT NORTHING X AVERAGE GRID FACTOR = STATE PLANE NORTHING
 PROJECT EASTING X AVERAGE GRID FACTOR = STATE PLANE EASTING
 EXAMPLE: CONTROL POINT #1
 N 1023367.683 X 0.9999122 = N 1023277.839
 E 817536.744 X 0.9999122 = E 817464.971

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

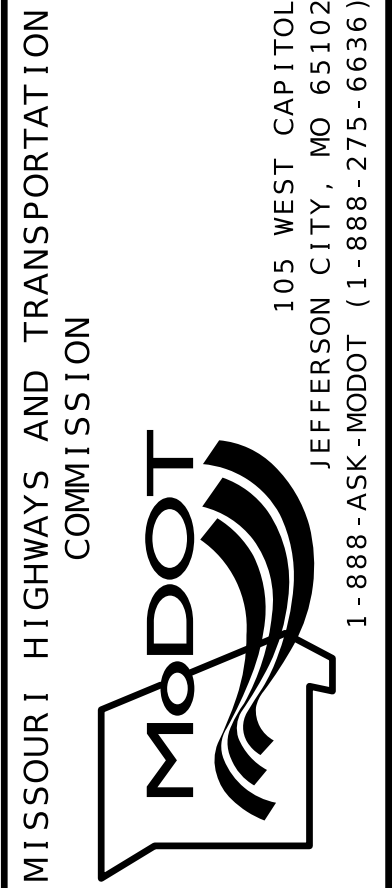
COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION	GPK POINT ID
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)		
PROJECT CONTROL POINTS								
	136+14.38	MO 141	51.83 LT	817536.744	1023367.683	525.91	IRON ROD WITH CAP, "MODOT"	1
	164+15.27	MO 141	56.41 LT	817255.409	1022406.266	552.95	IRON ROD WITH CAP, "MODOT"	2
	134+66.31	MO 141	325.85 RT	817217.058	1023616.538	536.11	IRON ROD WITH CAP, "MODOT"	3
	135+53.49	MO 141	651.34 RT	816851.677	1023530.067	558.21	IRON ROD WITH CAP, "MODOT"	4
	140+97.73	MO 141	644.18 RT	816731.714	1023102.272	578.46	IRON ROD WITH CAP, "MODOT"	5
	142+97.46	MO 141	982.01 RT	816350.93	1023007.298	581.12	IRON ROD WITH CAP, "MODOT"	6
	143+95.79	MO 141	641.42 RT	816649.273	1022815.829	569.49	IRON ROD WITH CAP, "MODOT"	7
	144+72.18	MO 141	288.55 RT	816965.48	1022641.305	553.77	IRON ROD WITH CAP, "MODOT"	8
	140+91.75	MO 141	459.15 RT	816910.752	1023055.174	573.72	IRON ROD WITH CAP, "MODOT"	9
	135+14.25	MO 141	189.55 RT	817334.001	1023531.685	529.74	IRON ROD WITH CAP, "MODOT"	10
	150+14.71	MO 141	60.43 LT	817145.226	1022022.302	569.91	IRON ROD WITH CAP, "MODOT"	11
	154+14.13	MO 141	71.39 LT	817041.701	1021636.377	582.97	IRON ROD WITH CAP, "MODOT"	12
	158+13.7	MO 141	71.82 LT	816928.048	1021253.309	598.1	IRON ROD WITH CAP, "MODOT"	13
	162+13.81	MO 141	58.87 LT	816802.174	1020873.956	609.52	IRON ROD WITH CAP, "MODOT"	14
	149+95.77	MO 141	68.84 RT	817026.737	1022077.353	575.37	IRON ROD WITH CAP, "MODOT"	15
ALIGNMENTS								
	133+00.00	RTE 141	MO 141	CL			BEG. PROJECT	
	147+88.36	RTE 141	MO 141	CL			P.O.T.	
	160+95.13	RTE 141	MO 141	CL			P.C.	
	171+11.80	RTE 141	MO 141	CL			END PROJ./P.T.	
	0+00.00	EB RAMP	EB RAMP	CL			BEG. PROJ./P.C.	
	6+17.49	EB RAMP	EB RAMP	CL			P.T.	
	8+46.08	EB RAMP	EB RAMP	CL			P.C.	
	13+42.92	EB RAMP	EB RAMP	CL			P.T.	
	14+23.80	EB RAMP	EB RAMP	CL			END PROJECT	
	0+00.00	WB RAMP	WB RAMP	CL			BEG. PROJECT	
	3+50.38	WB RAMP	WB RAMP	CL			P.C.C.	
	13+28.77	WB RAMP	WB RAMP	CL			P.C.C.	
	15+89.22	WB RAMP	WB RAMP	CL			END PROJECT	
	0+00.00	WB RAMP	(2) RT TURN LANES	CL			BEG. PROJECT	
	3+57.98	WB RAMP	(2) RT TURN LANES	CL			END PROJECT	



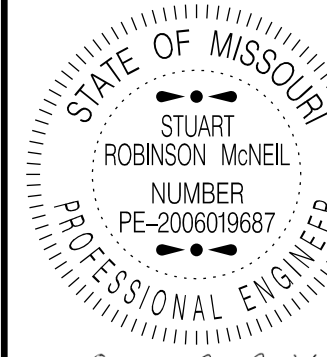
DATE PREPARED
 11/1/2024
 ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 18
 COUNTY ST. LOUIS
 JOB NO. JSL0121
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

DESCRIPTION	DATE



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

COORDINATE POINTS



11/08/2024 9:17:49 AM
 STUART ROBINSON MCNEIL - CIVIL
 MO-PE-2006019687

DATE PREPARED
 11/1/2024

ROUTE	STATE
141	MO

DISTRICT	SHEET NO.
SL	19

COUNTY
 ST. LOUIS

JOB NO.
 JSL0121

CONTRACT ID.

PROJECT NO.

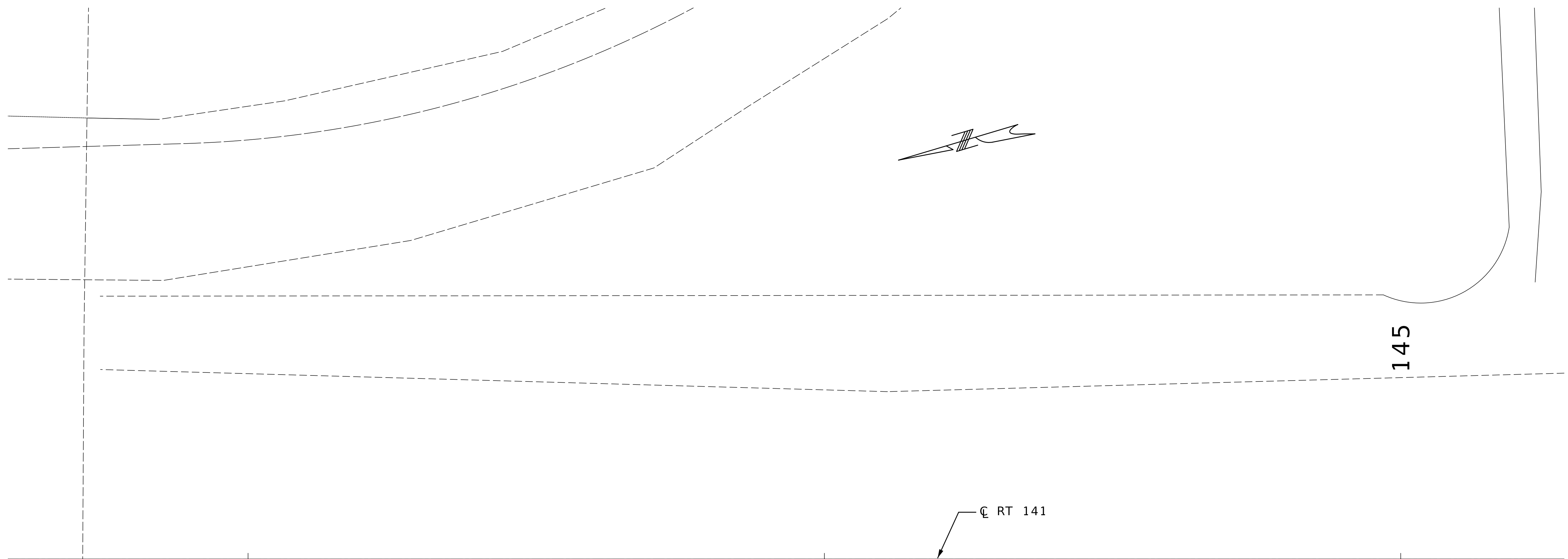
BRIDGE NO.

DATE	DESCRIPTION

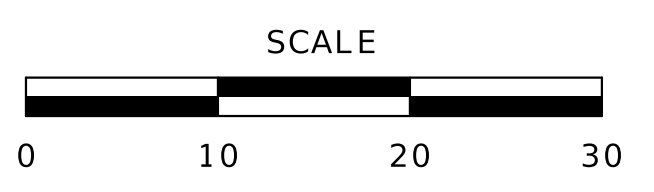
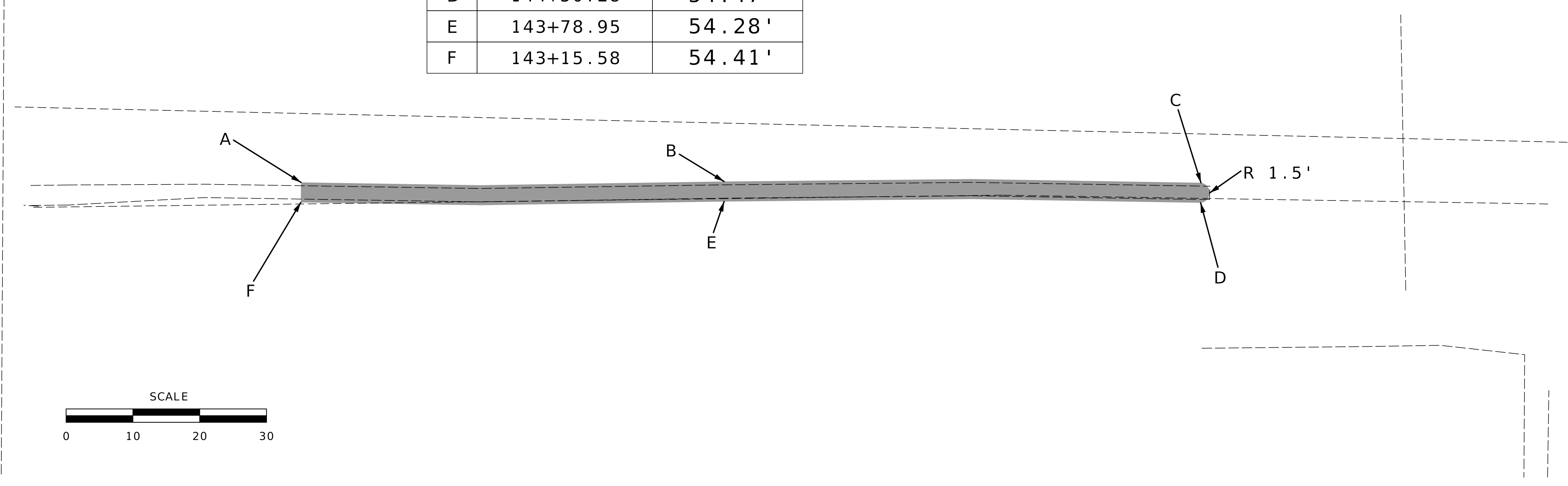
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



SPECIAL SHEET
 RT 141
 MEDIAN ISLAND DETAIL

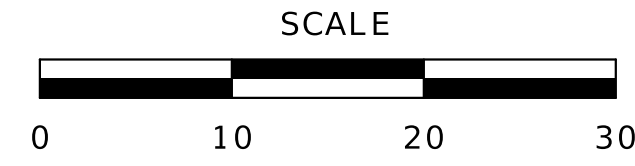
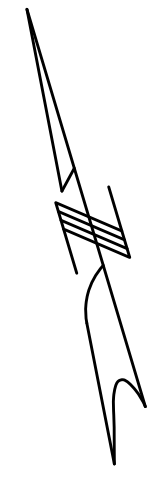


6" MEDIAN ISLAND		
A	143+15.61	51.41'
B	143+78.95	51.28'
C	144+50.33	51.47'
D	144+50.28	54.47'
E	143+78.95	54.28'
F	143+15.58	54.41'

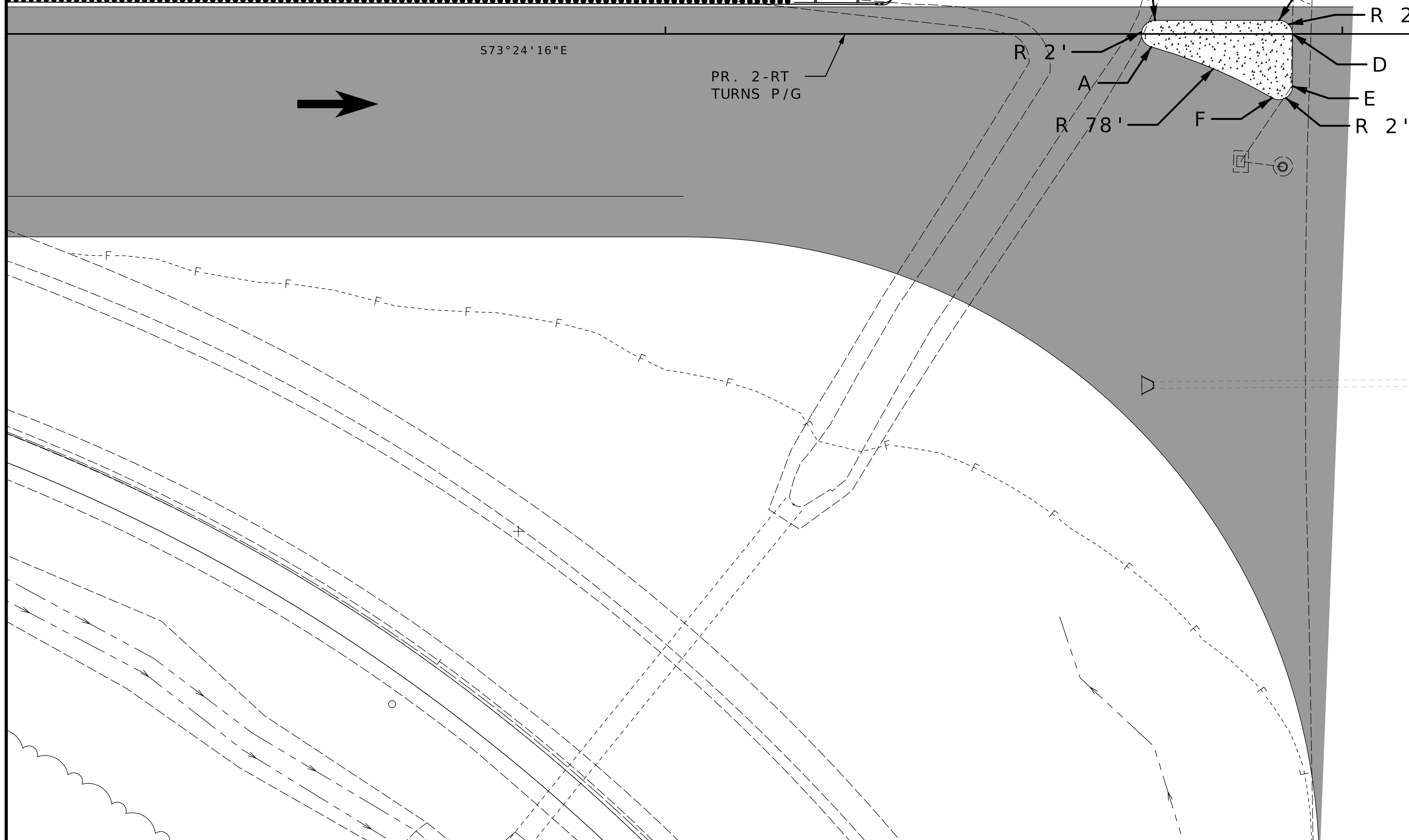
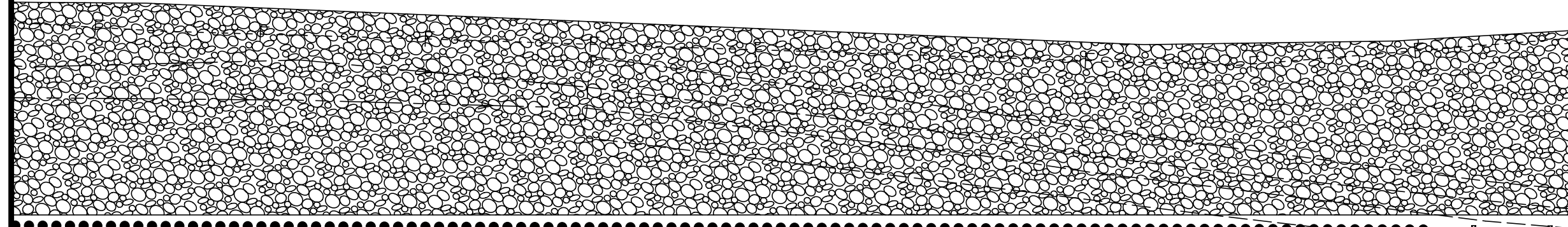


12.92

23.80



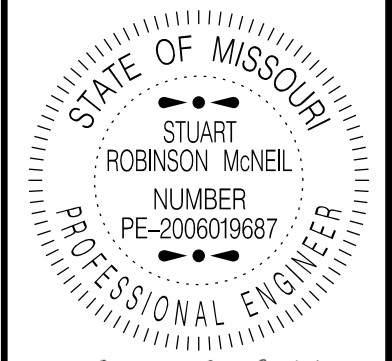
6" RAISED CONCRETE ISLAND		
A	2+71.78	1.93' RT
B	2+72.32	1.99' LT
C	2+90.64	2.00' LT
D	2+92.64	0.00' CL
E	2+92.64	7.72' RT
F	2+89.64	9.46' RT



WB I-64 ON-RAMP

RTE 141

END STA 3+57.98



DATE PREPARED 11/1/2024

ROUTE 141 STATE MO DISTRICT SL SHEET NO. 20

COUNTY ST. LOUIS JOB NO. JSL0121 CONTRACT ID.

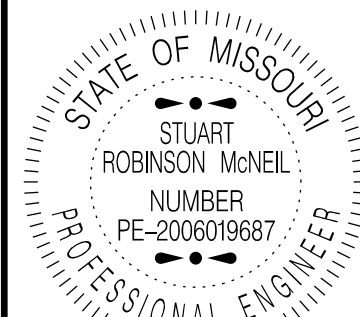
PROJECT NO. BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
WB RAMP
RAISED ISLAND



11/08/2024 2:03:23 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/8/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 21

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

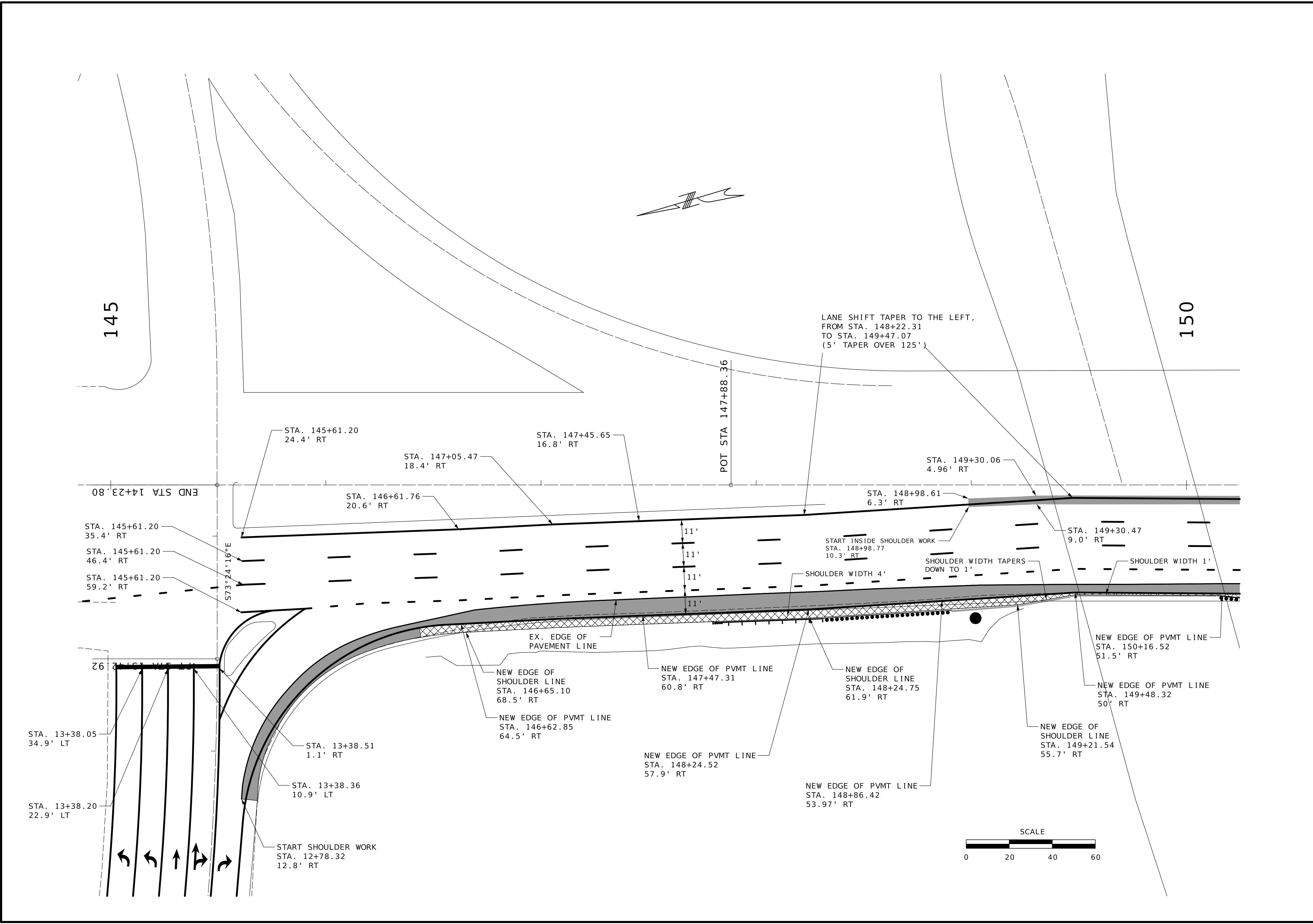
BRIDGE NO.

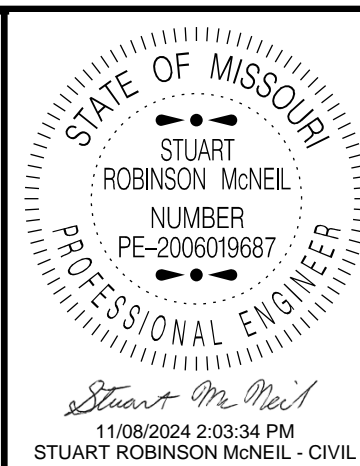
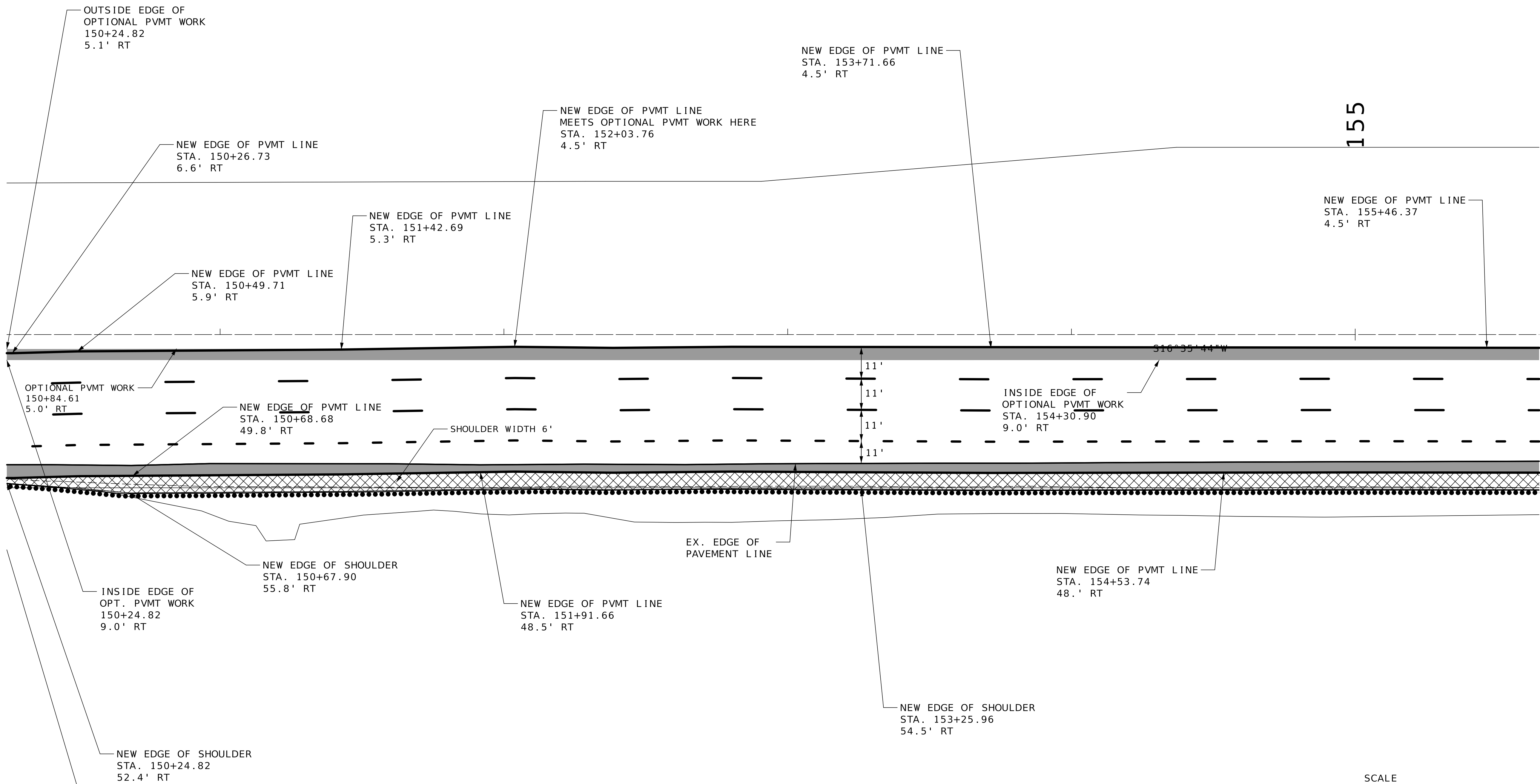
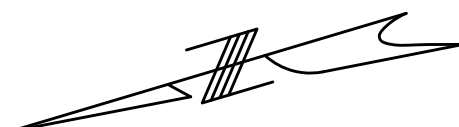
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SPECIAL SHEET
NEW STRIPING AND
PAVING DETAILS





DATE PREPARED
11/8/2024

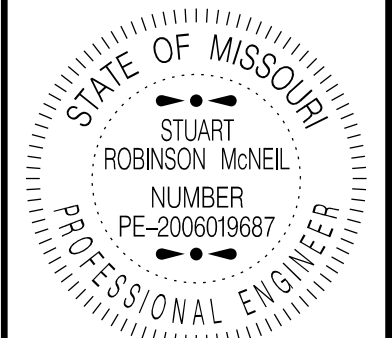
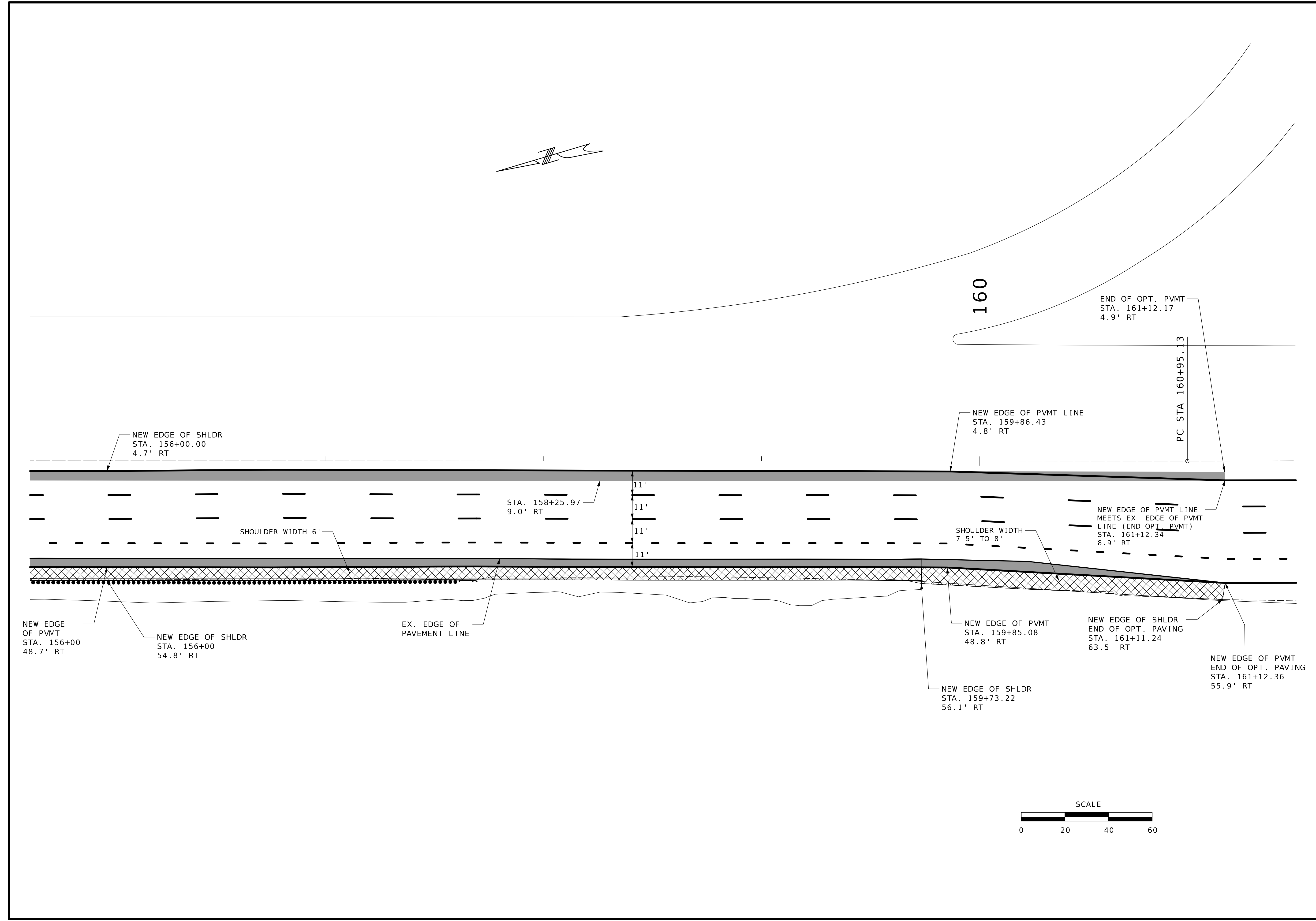
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 22
COUNTY ST. LOUIS	
JOB NO. JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SPECIAL SHEET
NEW STRIPING AND
PAVING DETAILS



DATE PREPARED
11/1/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 23

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

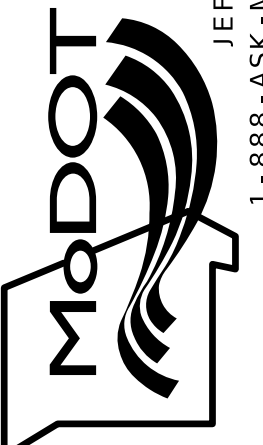
PROJECT NO.

BRIDGE NO.

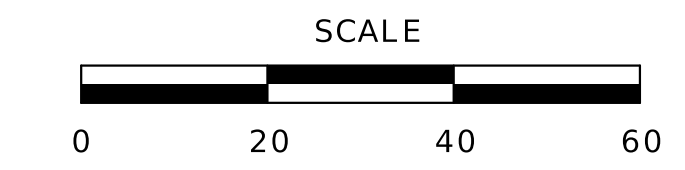
DATE	DESCRIPTION

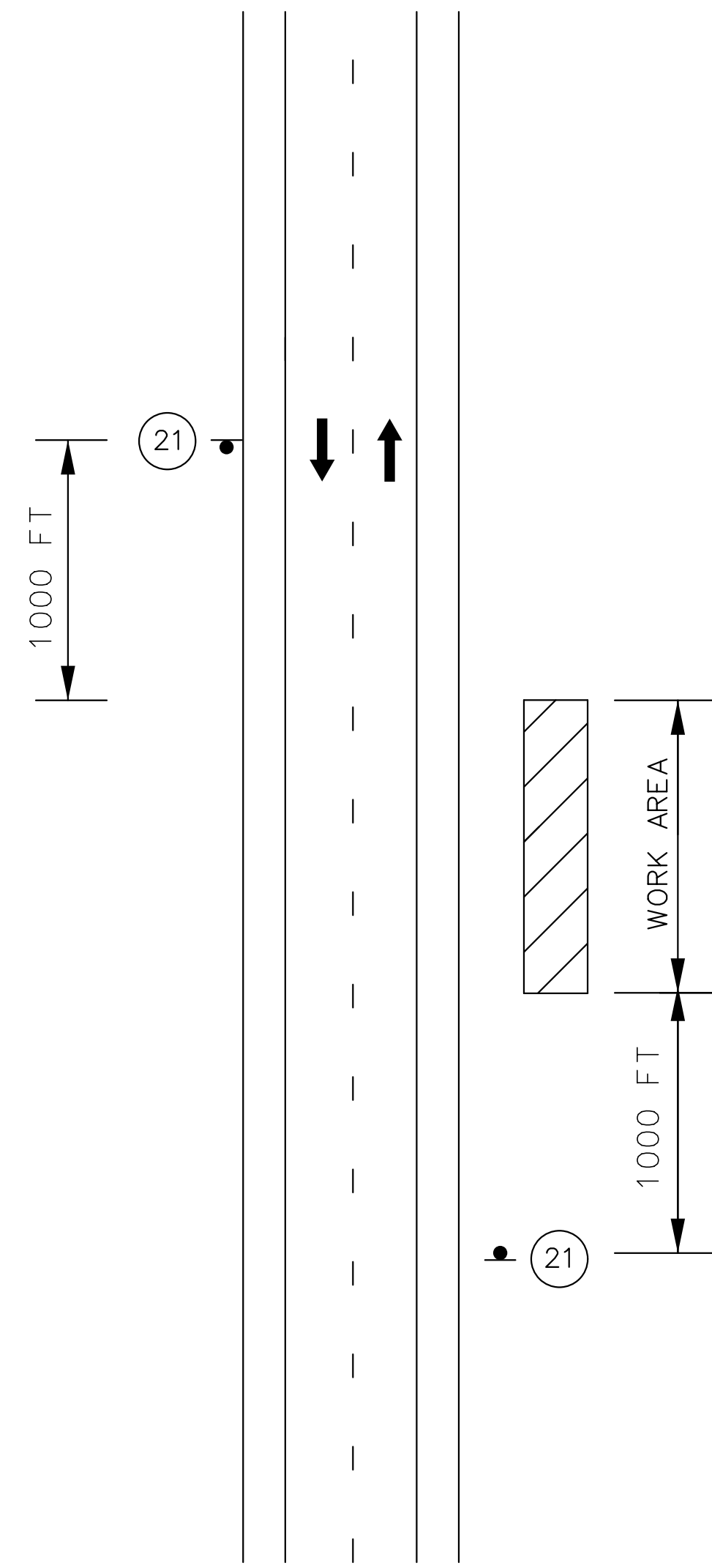
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SPECIAL SHEET
NEW STRIPING AND
PAVING DETAILS





**SHOULDER WORK
WORK BEYOND THE SHOULDER
DIVIDED AND UNDIVIDED**

NOT TO SCALE

NOTES:

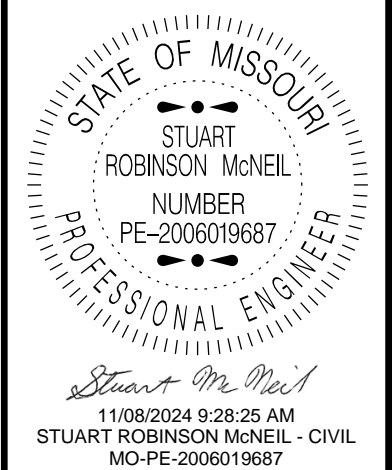
ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.

ON MULTI-LANE, DIVIDED HIGHWAYS, SIGNS ADVISING OF THE SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.

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

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▨ WORK AREA



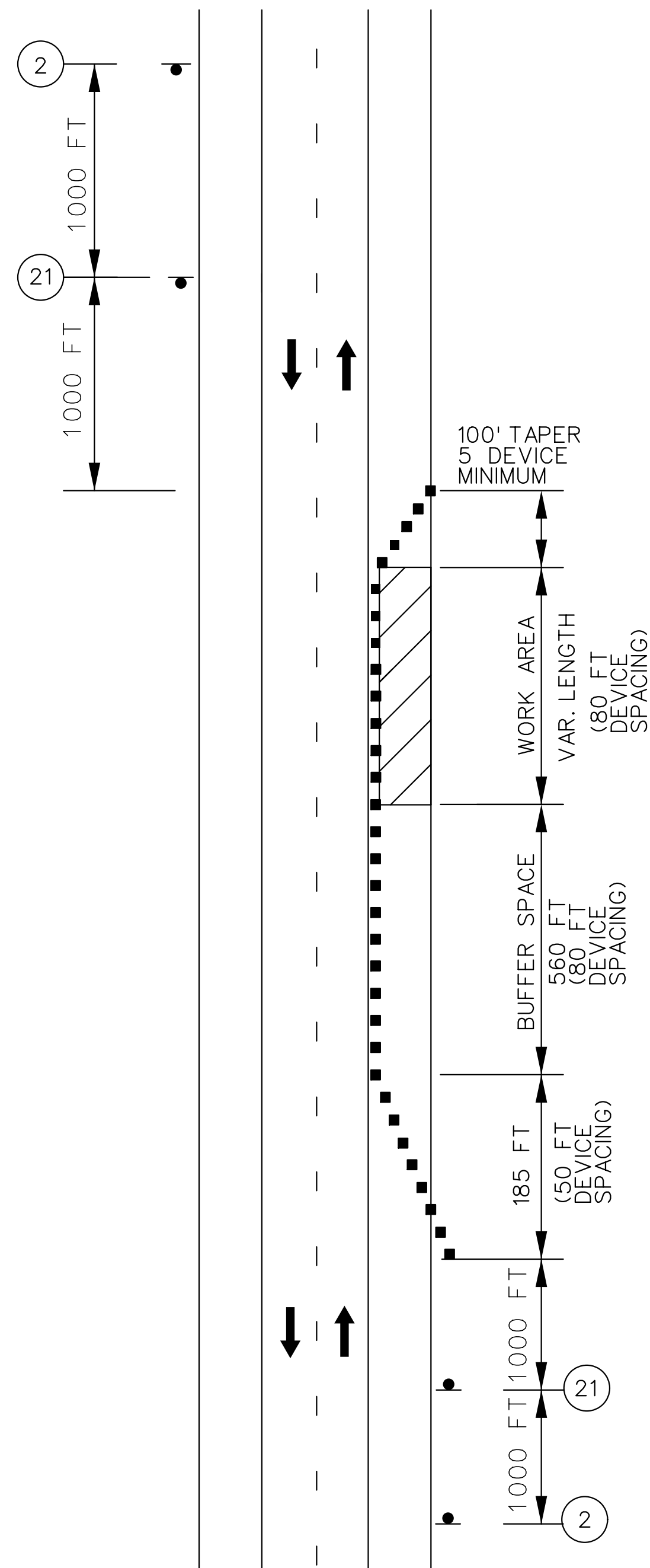
DATE PREPARED 11/1/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 24
COUNTY ST. LOUIS	
JOB NO. JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION




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

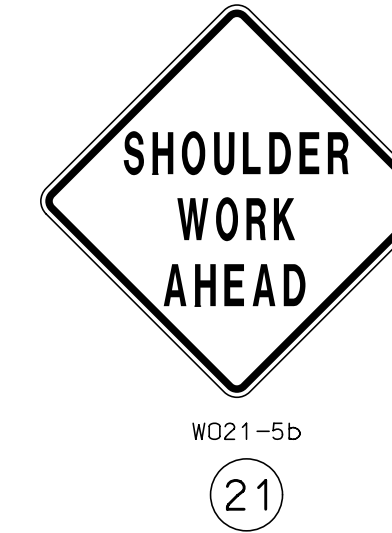
TRAFFIC CONTROL
WORK BEYOND SHOULDER



**WORK ON THE SHOULDER
ON DIVIDED AND UNDIVIDED
HIGHWAYS**

TRAFFIC CONTROL LEGEND

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



NOTES:

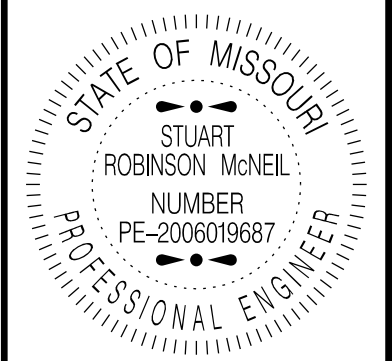
ON MULTI-LANE, DIVIDED HIGHWAYS, SIGNS ADVISING OF THE SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.

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.

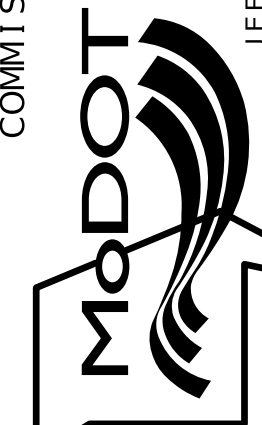
NOT TO SCALE



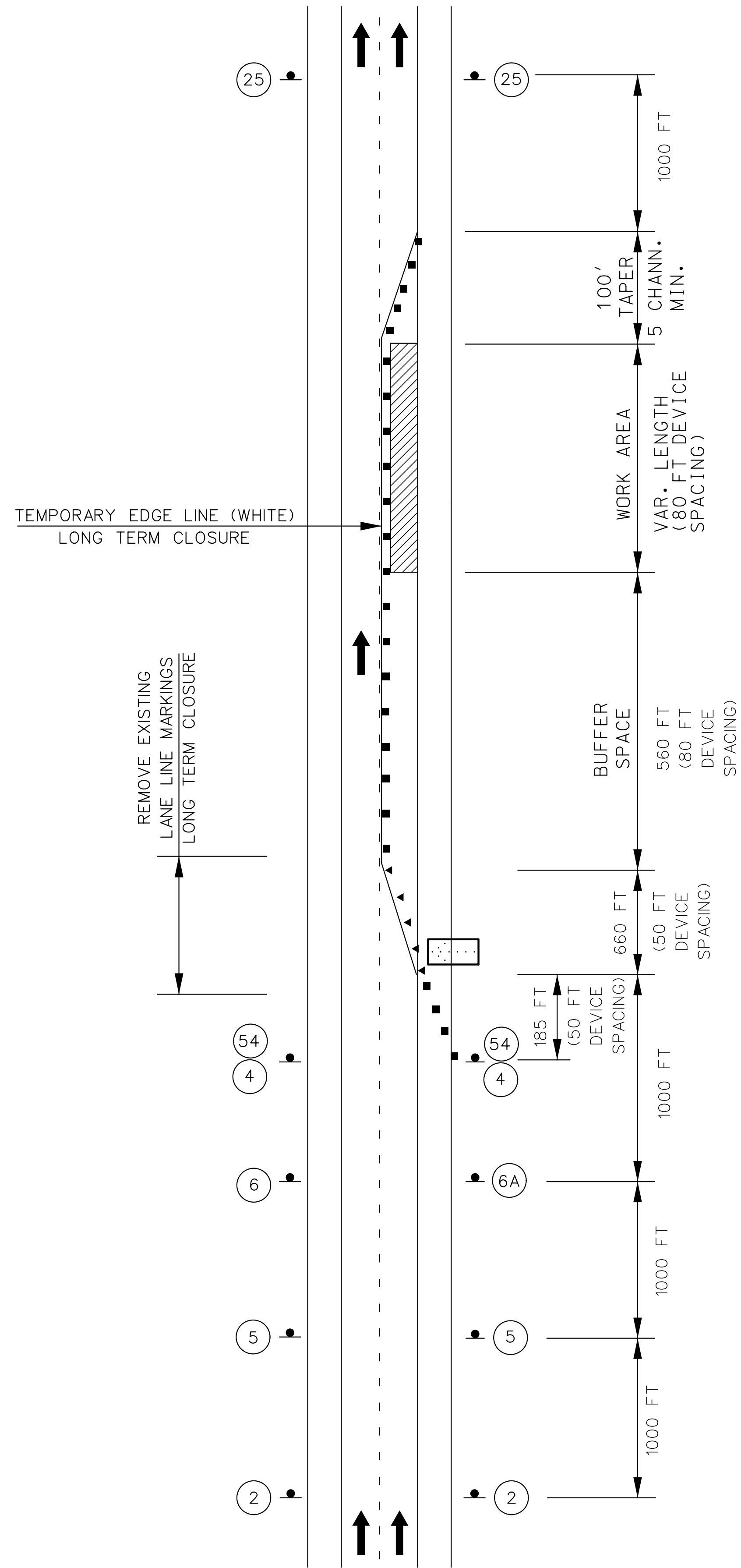
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687
DATE PREPARED
11/1/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	25
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

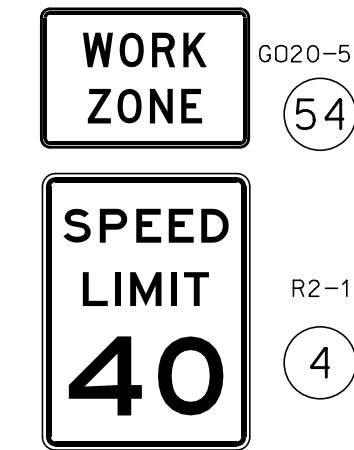
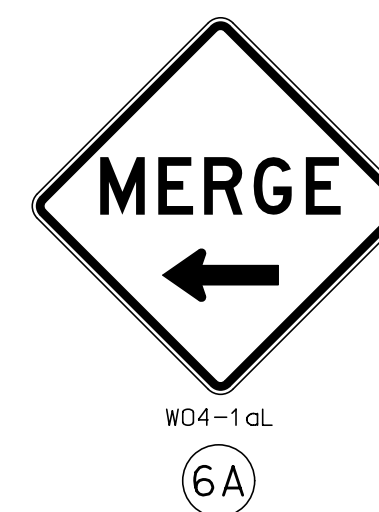
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
WORK ON THE SHOULDER

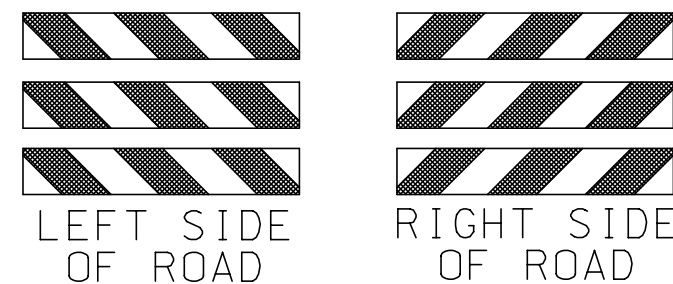


STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY

NOT TO SCALE



ADVANCE WARNING RAIL SYSTEM



TRAFFIC CONTROL LEGEND

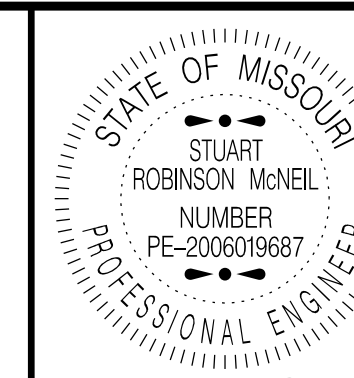
- SIGN (SINGLE SIDED)
- ◄ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- ◻ FLASHING ARROW PANEL
- ▩ ADVANCE WARNING RAILS

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.



DATE PREPARED
11/1/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 26

COUNTY ST. LOUIS

JOB NO. JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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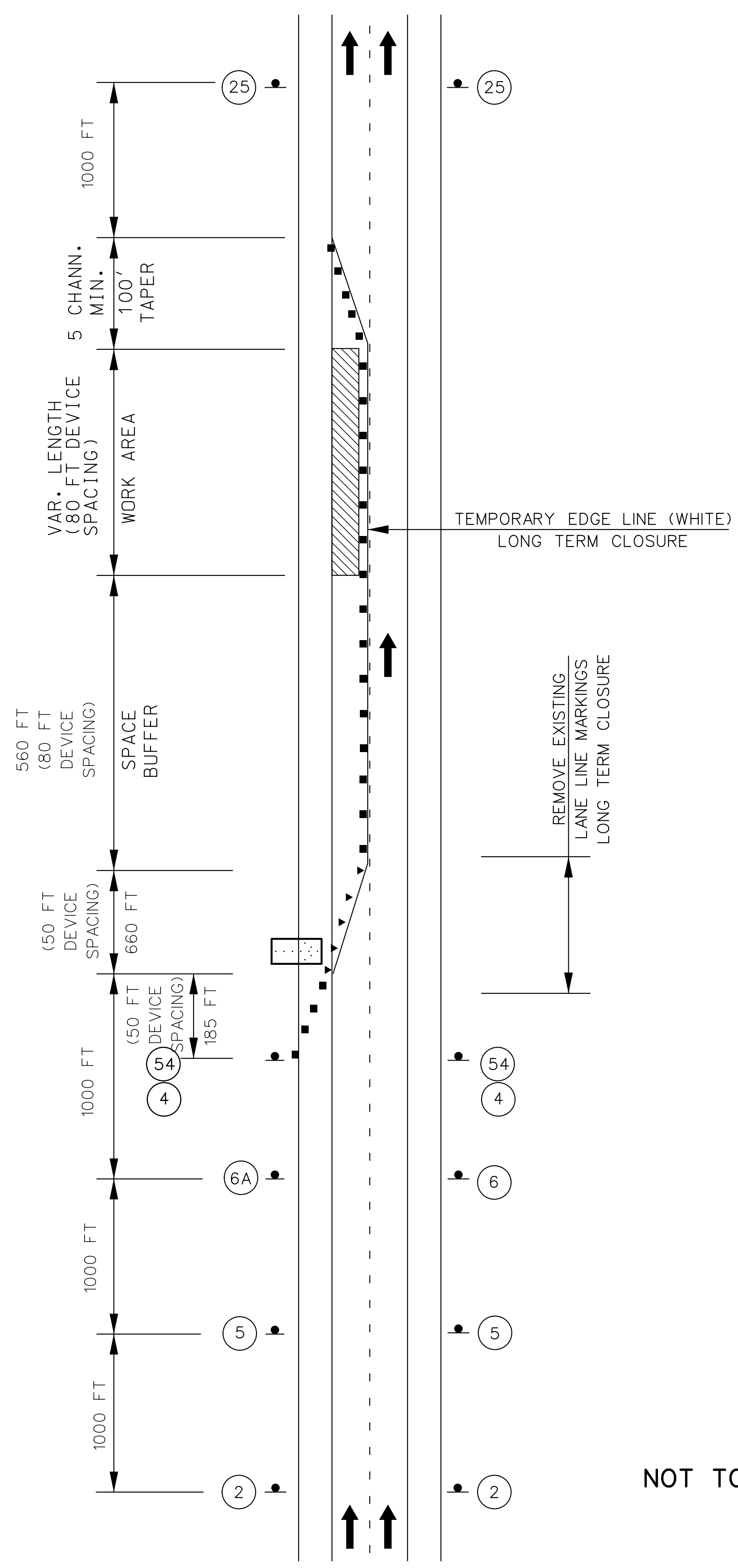
DATE

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

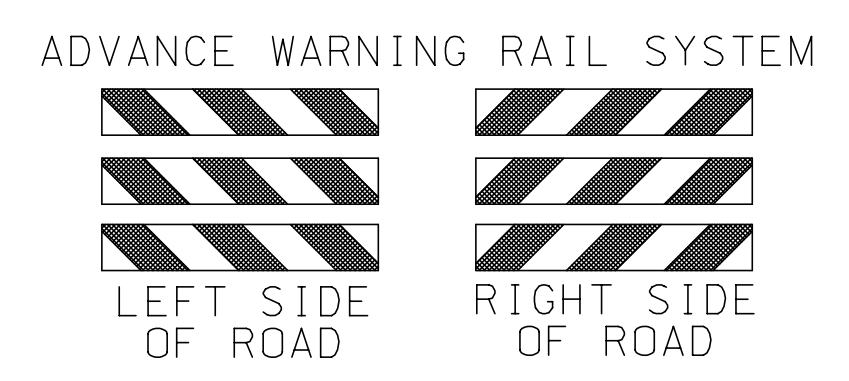
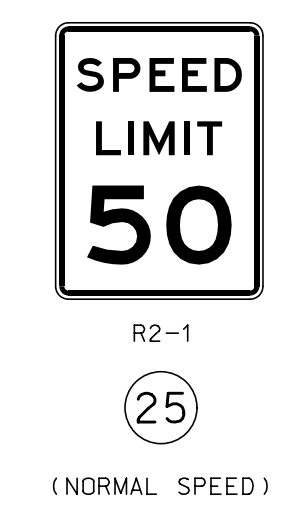
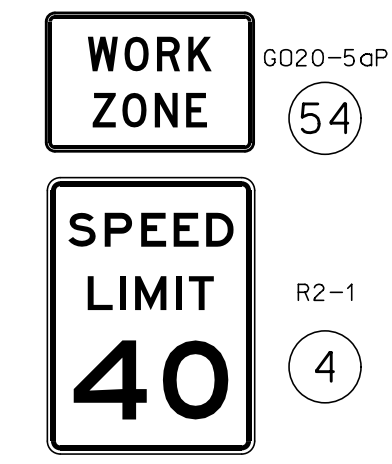
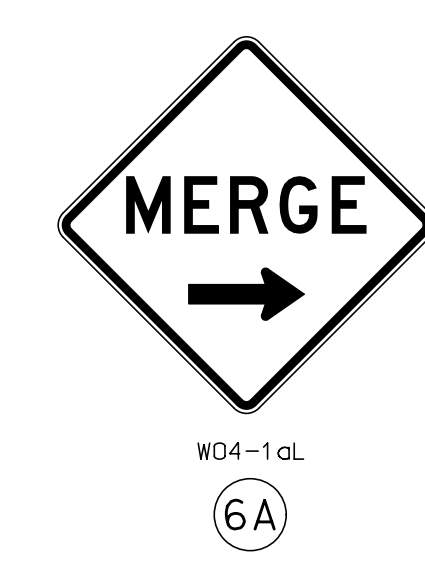
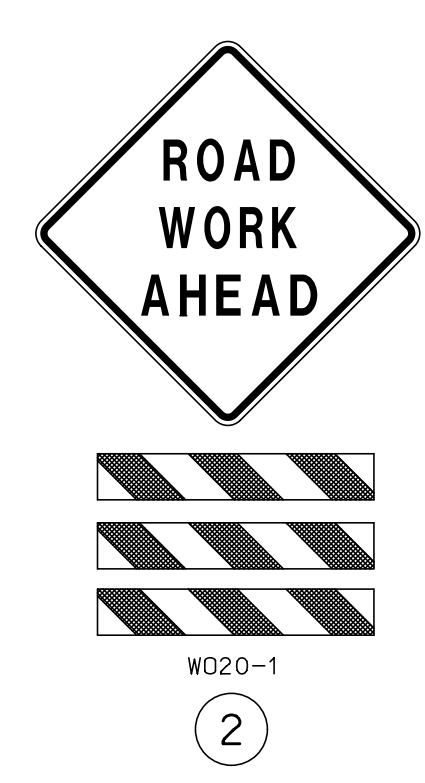
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
RIGHT LANE CLOSURE



NOT TO SCALE

STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY



TRAFFIC CONTROL LEGEND

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

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.

STUART ROBINSON McNEIL
PROFESSIONAL ENGINEER
11/08/2024 9:29:03 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 11/1/2024

ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 27

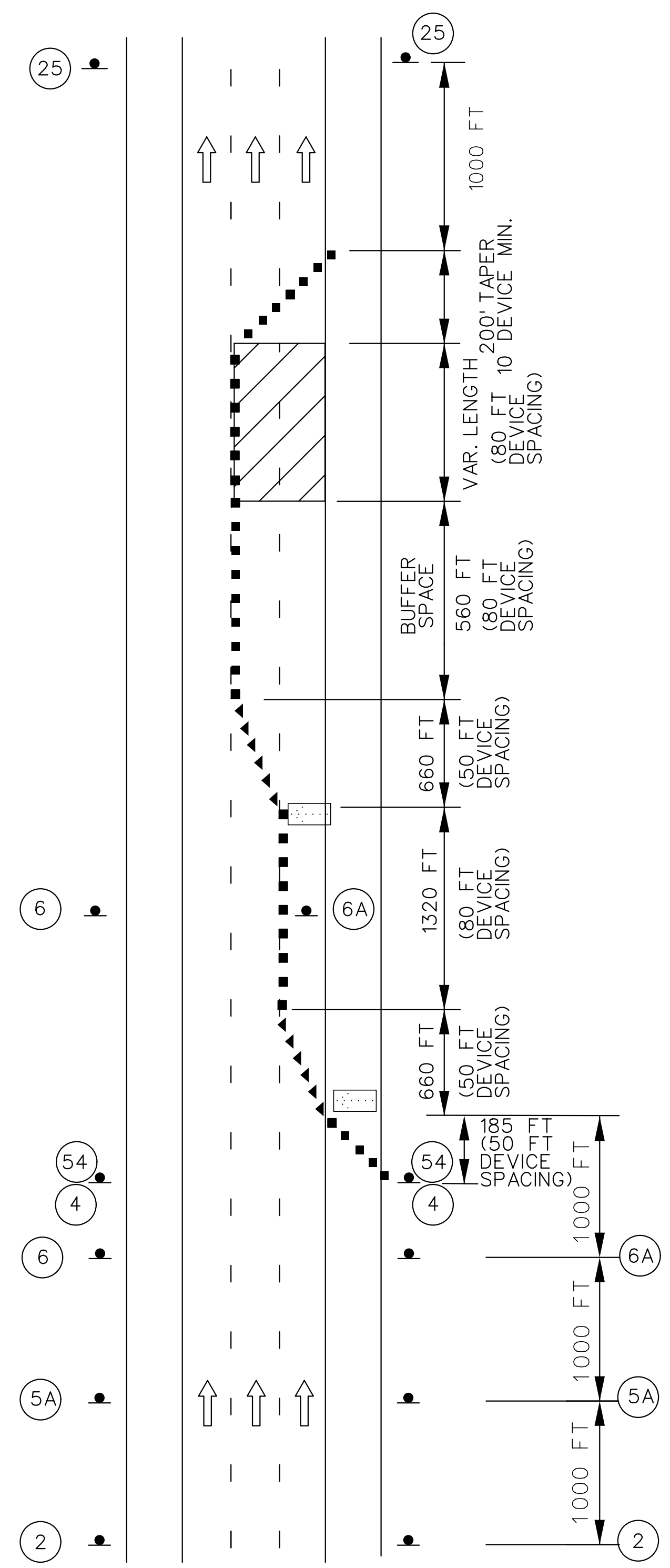
COUNTY: ST. LOUIS
JOB NO.: JSL0121
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

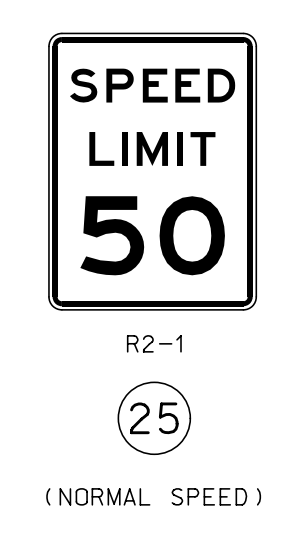
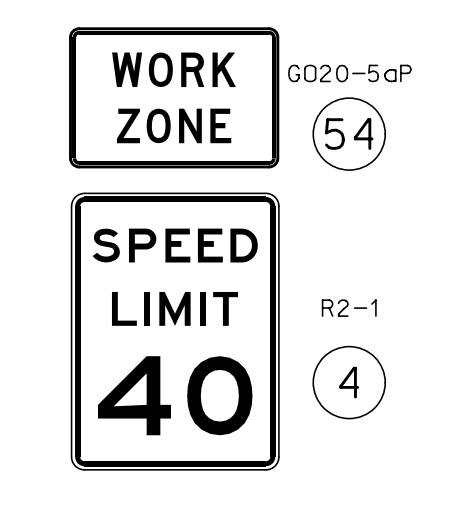
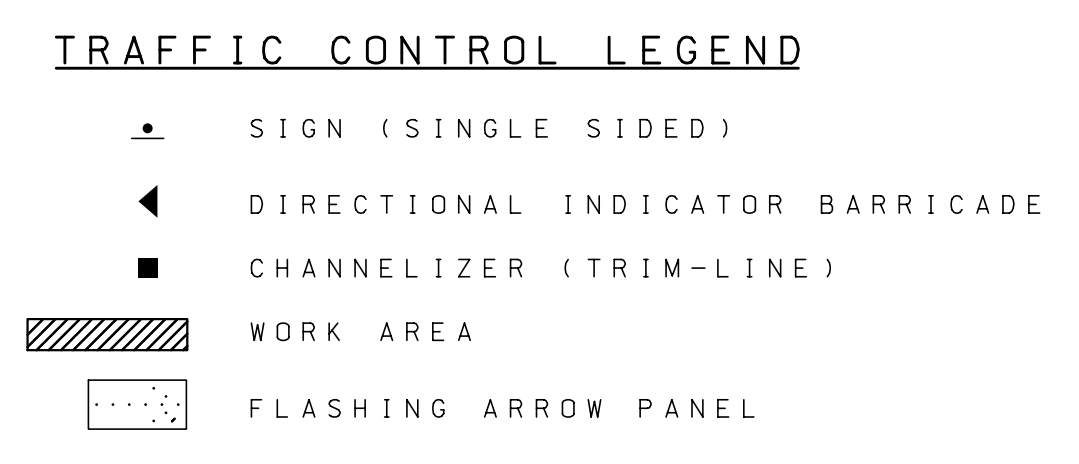
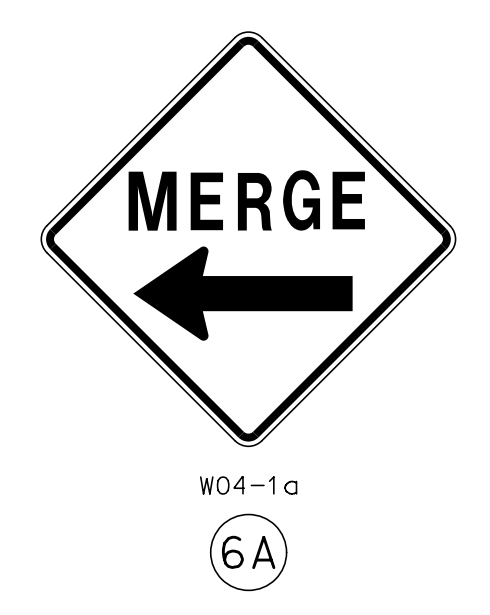
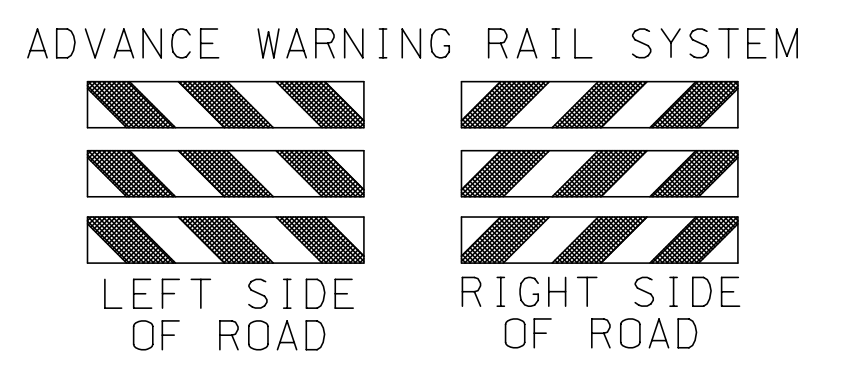
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
LEFT LANE CLOSURE



DOUBLE LANE CLOSURE
ON A FREEWAY

NOT TO SCALE



NOTES:

- REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.
- A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019887
PROFESSIONAL ENGINEER

Stuart McNeil
11/08/2024 9:33:45 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019887

DATE PREPARED
11/1/2024

ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 28

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

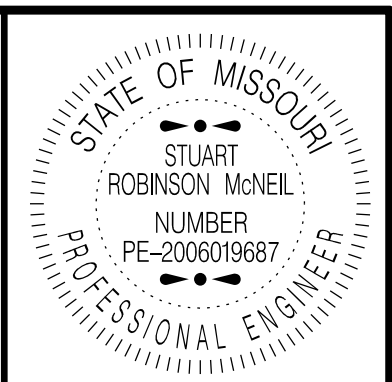
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
DOUBLE RIGHT LANE CLOSURE



STUART ROBINSON MCNEIL - CIVIL
 MO-PE-2006019687

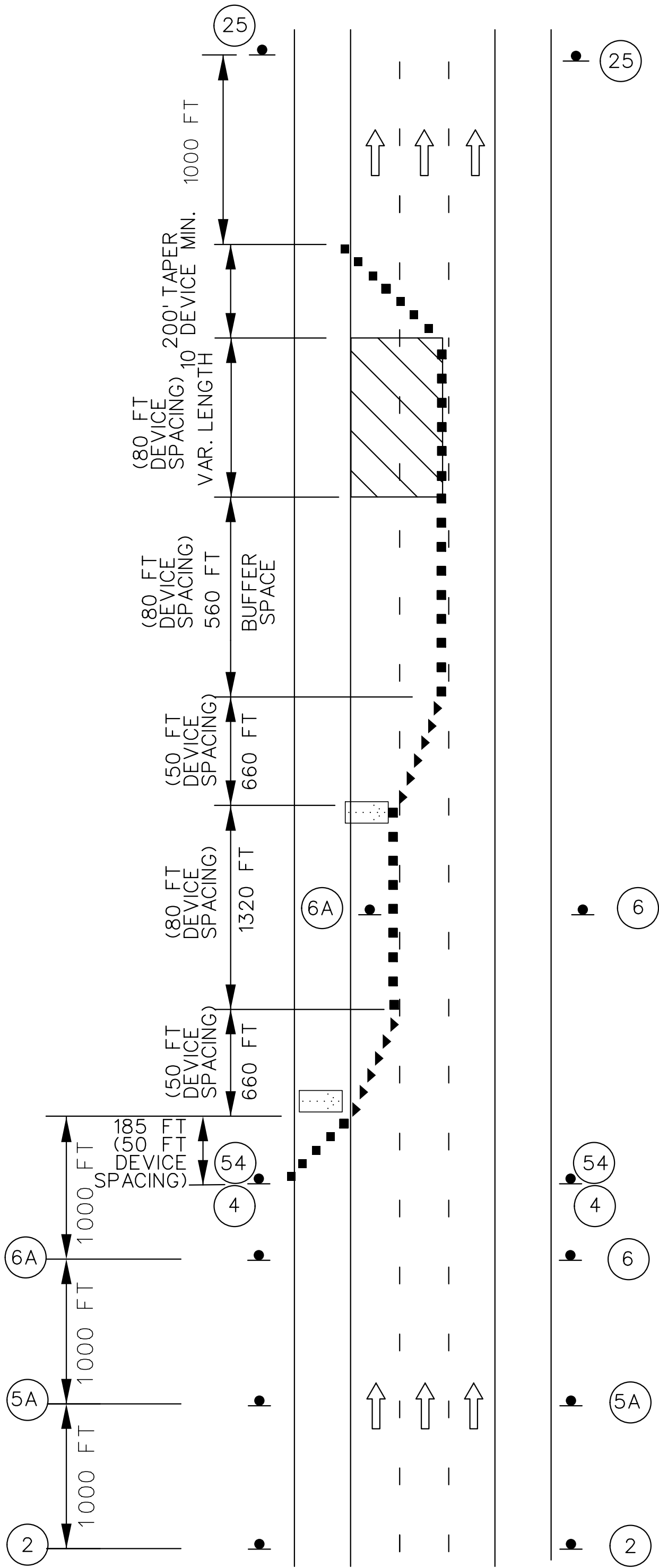
DATE PREPARED
 11/1/2024
 ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 29
 COUNTY ST. LOUIS
 JOB NO. JSL0121
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

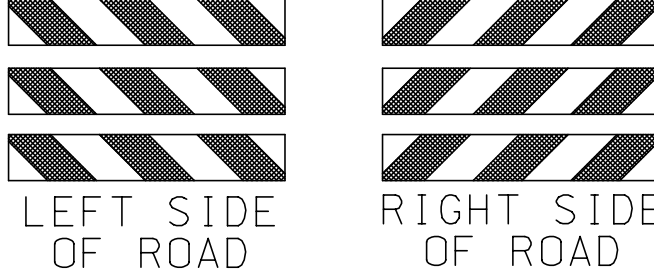
TRAFFIC CONTROL
 DOUBLE LEFT TURN CLOSURE



DOUBLE LANE CLOSURE ON A FREEWAY

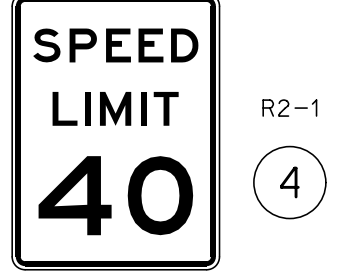
NOT TO SCALE

ADVANCE WARNING RAIL SYSTEM



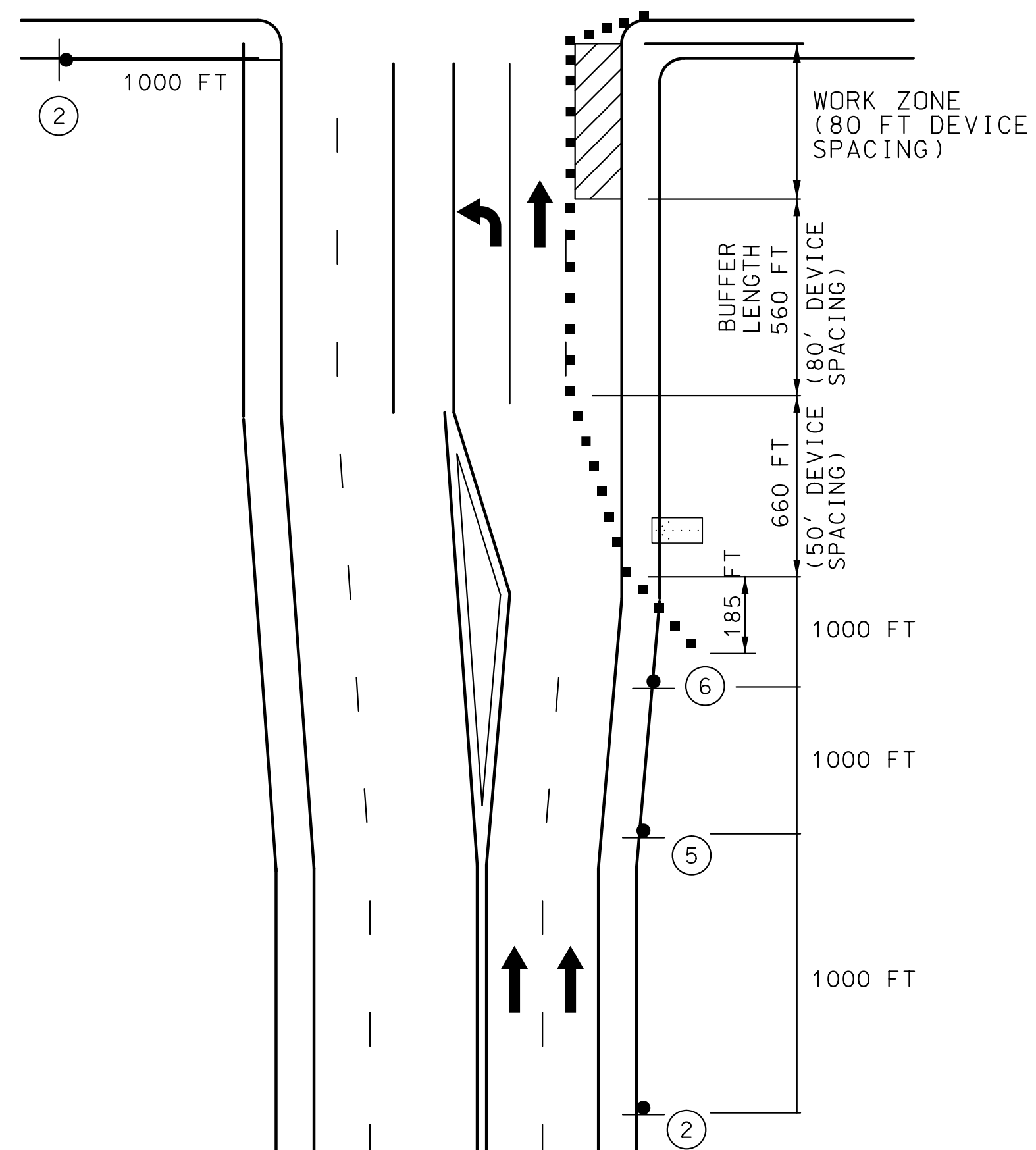
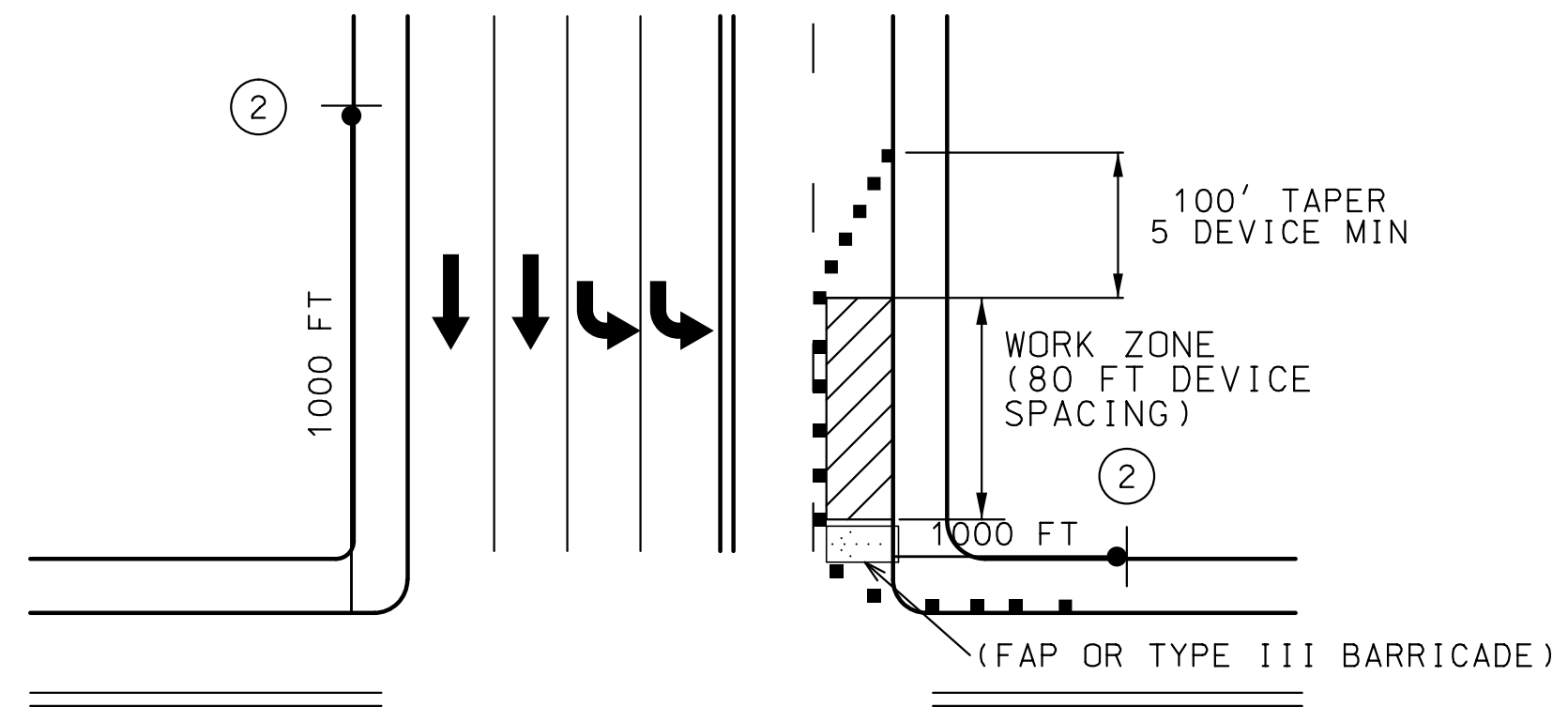
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◄ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- ◻ FLASHING ARROW PANEL



NOTES:

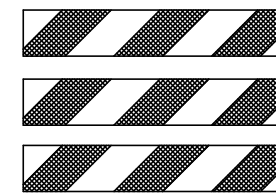
- REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.
- A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.



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



2



W020-5

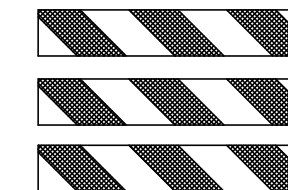
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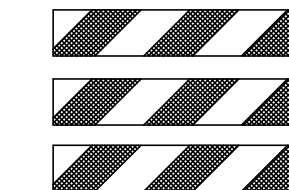
W020-6a

6

ADVANCE WARNING RAIL SYSTEM



LEFT SIDE OF ROAD

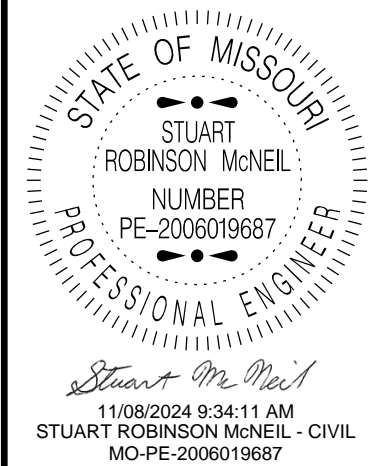


RIGHT SIDE OF ROAD

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.

NOT TO SCALE



DATE PREPARED
11/1/2024

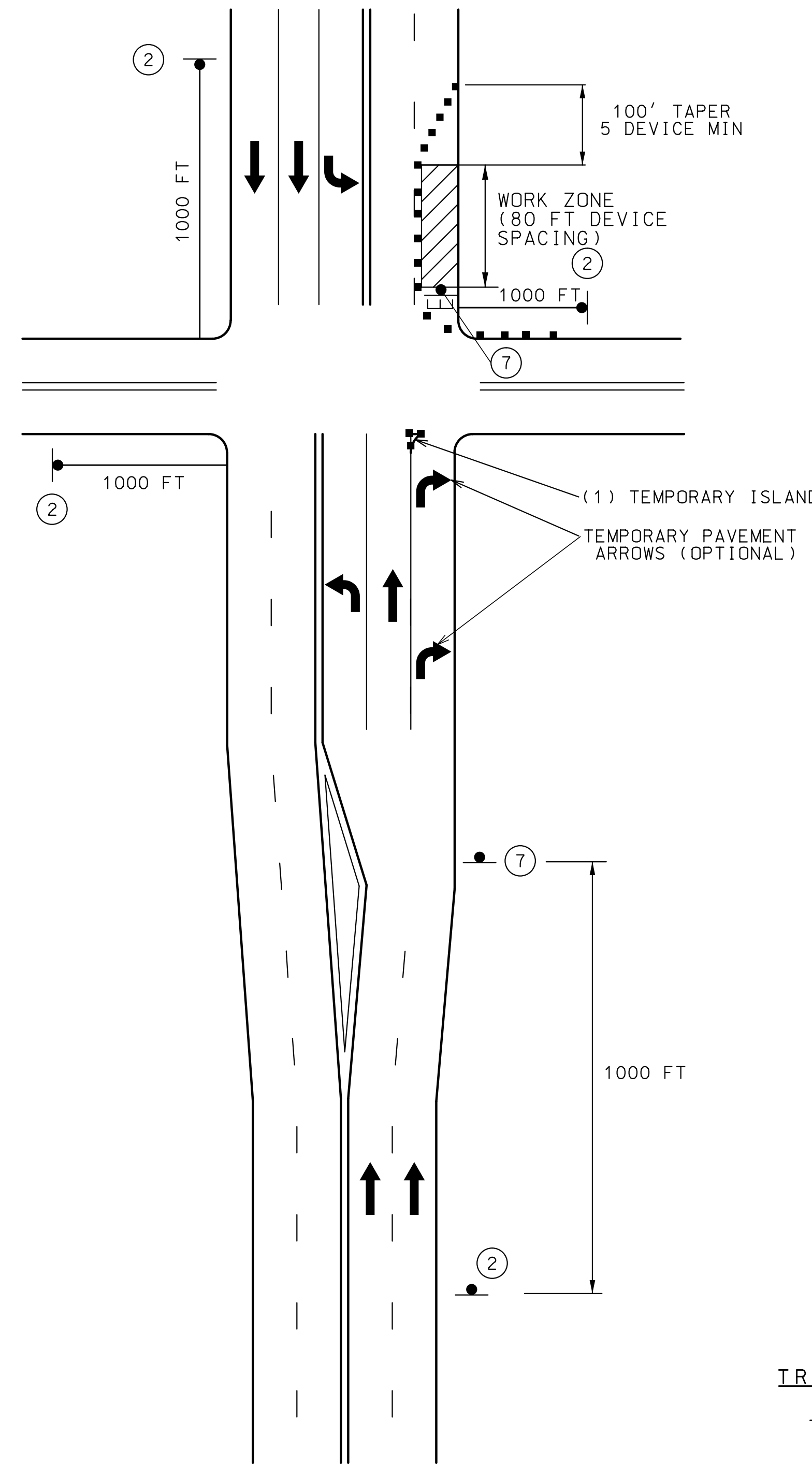
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 30
COUNTY ST. LOUIS	
JOB NO. JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

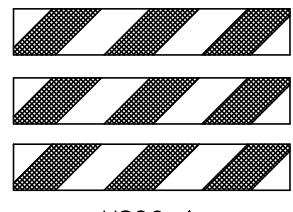
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
RIGHT LANE CLOSURE
AT INTERSECTION



RIGHT LANE CLOSURE AT INTERSECTION
WORK ON FAR SIDE

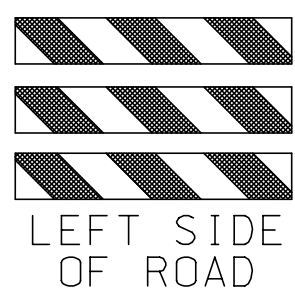


W020-1
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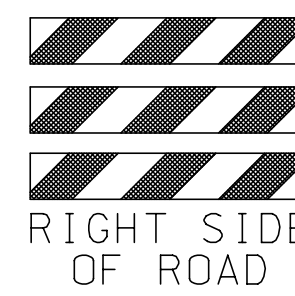


R3-7R
7

ADVANCE WARNING RAIL SYSTEM



LEFT SIDE
OF ROAD



RIGHT SIDE
OF ROAD

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TYPE 3 MOVEABLE BARRICADE

NOTES:

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

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-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.

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

NOT TO SCALE

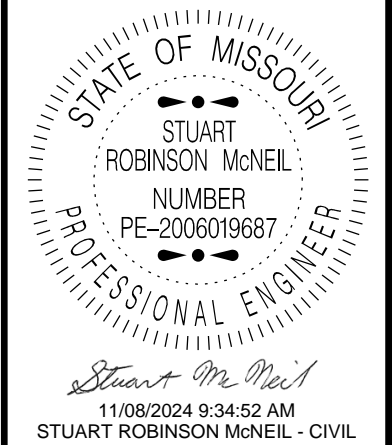
STUART ROBINSON MCNEIL
11/08/2024 9:34:20 AM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED		11/1/2024	
ROUTE	STATE		
141	MO		
DISTRICT	SHEET NO.		
SL	31		
COUNTY			
ST. LOUIS			
JOB NO.			
JSL0121			
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)

TRAFFIC CONTROL
RIGHT LANE CLOSURE
ON FAR SIDE OF
INTERSECTION



DATE PREPARED
11/1/2024

ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 32

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

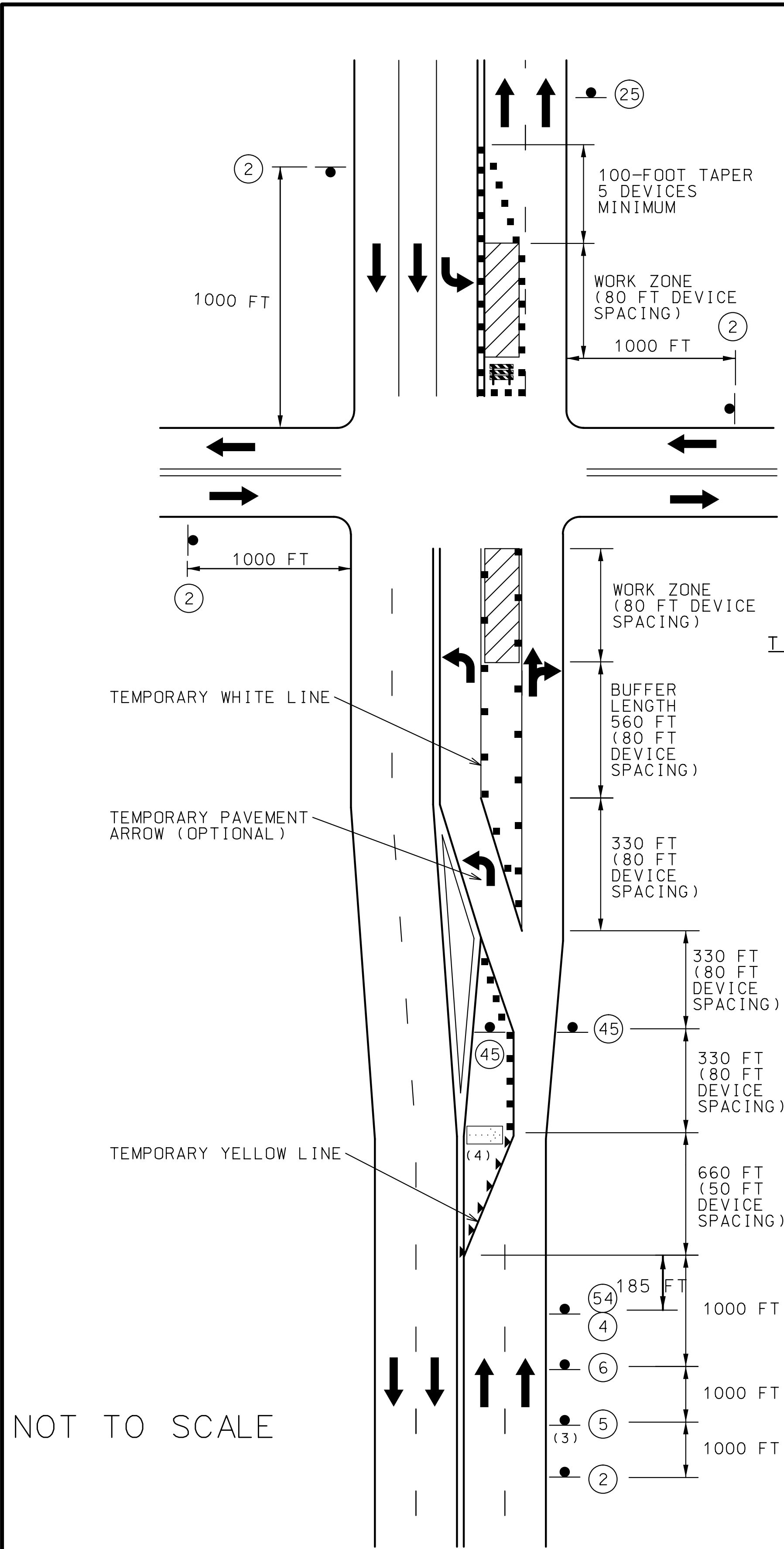
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
LEFT LANE CLOSURE
AT INTERSECTION



TRAFFIC CONTROL LEGEND

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

WORK ZONE
G020-5aP
(54)

SPEED LIMIT
R2-1
40
(4)

ROAD WORK AHEAD
W020-1
(2)

LEFT LANE CLOSED AHEAD
W020-5
(5)

LEFT LANE CLOSED
W020-6a
(6)

SPEED LIMIT
R2-1
50
(25)

LEFT LANE MUST TURN LEFT
R3-7L
(45)

ADVANCE WARNING RAIL SYSTEM

LEFT SIDE OF ROAD

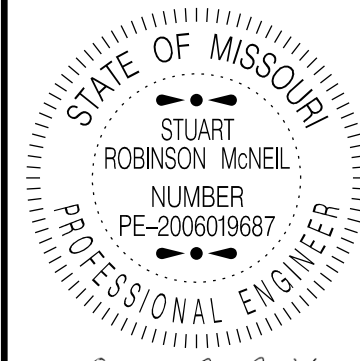
RIGHT SIDE OF ROAD

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

NOT TO SCALE

LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE



STUART ROBINSON MCNEIL
 NUMBER PE-2006019687
 PROFESSIONAL ENGINEER

DATE PREPARED 11/1/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 33

COUNTY ST. LOUIS

JOB NO. JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

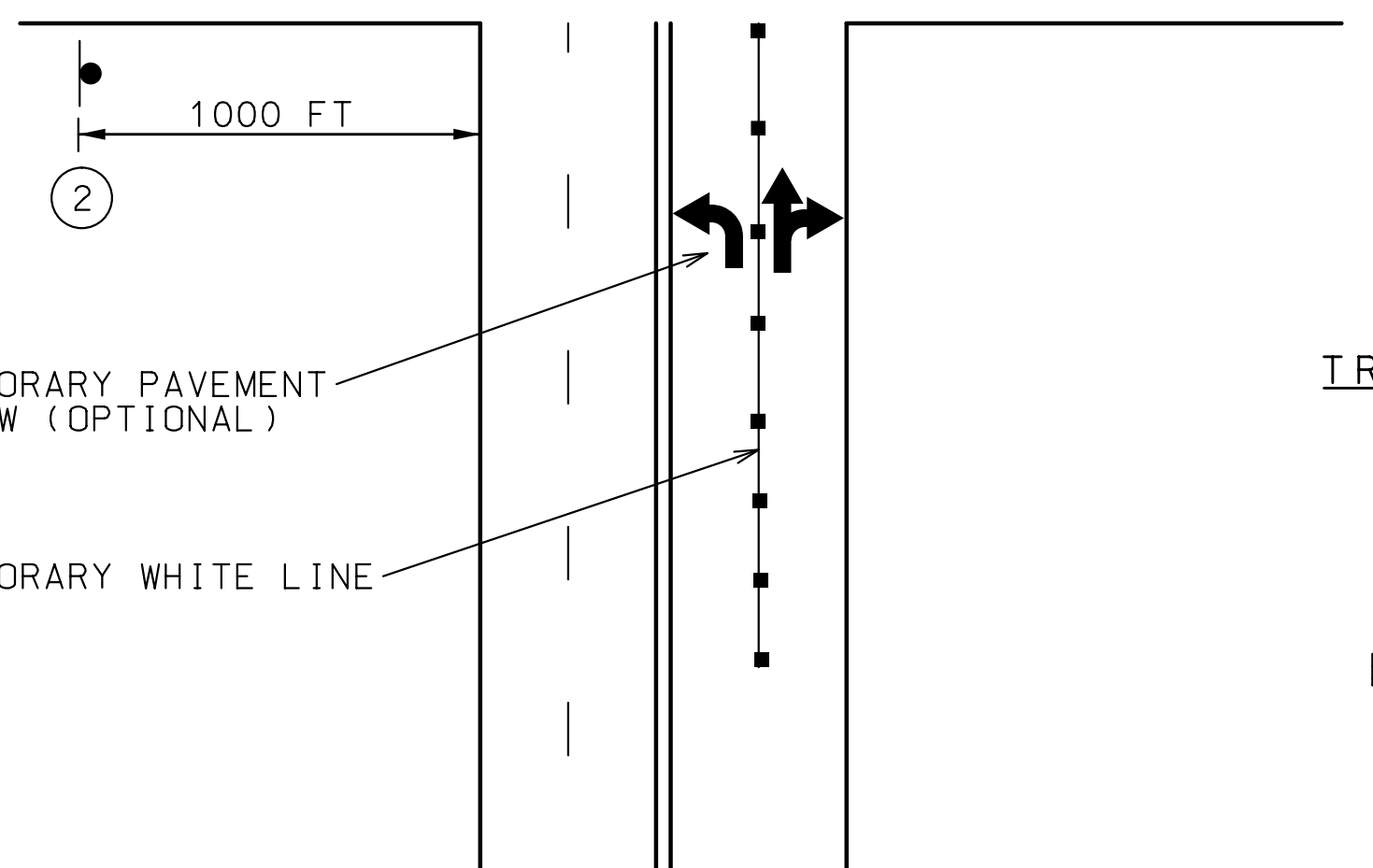
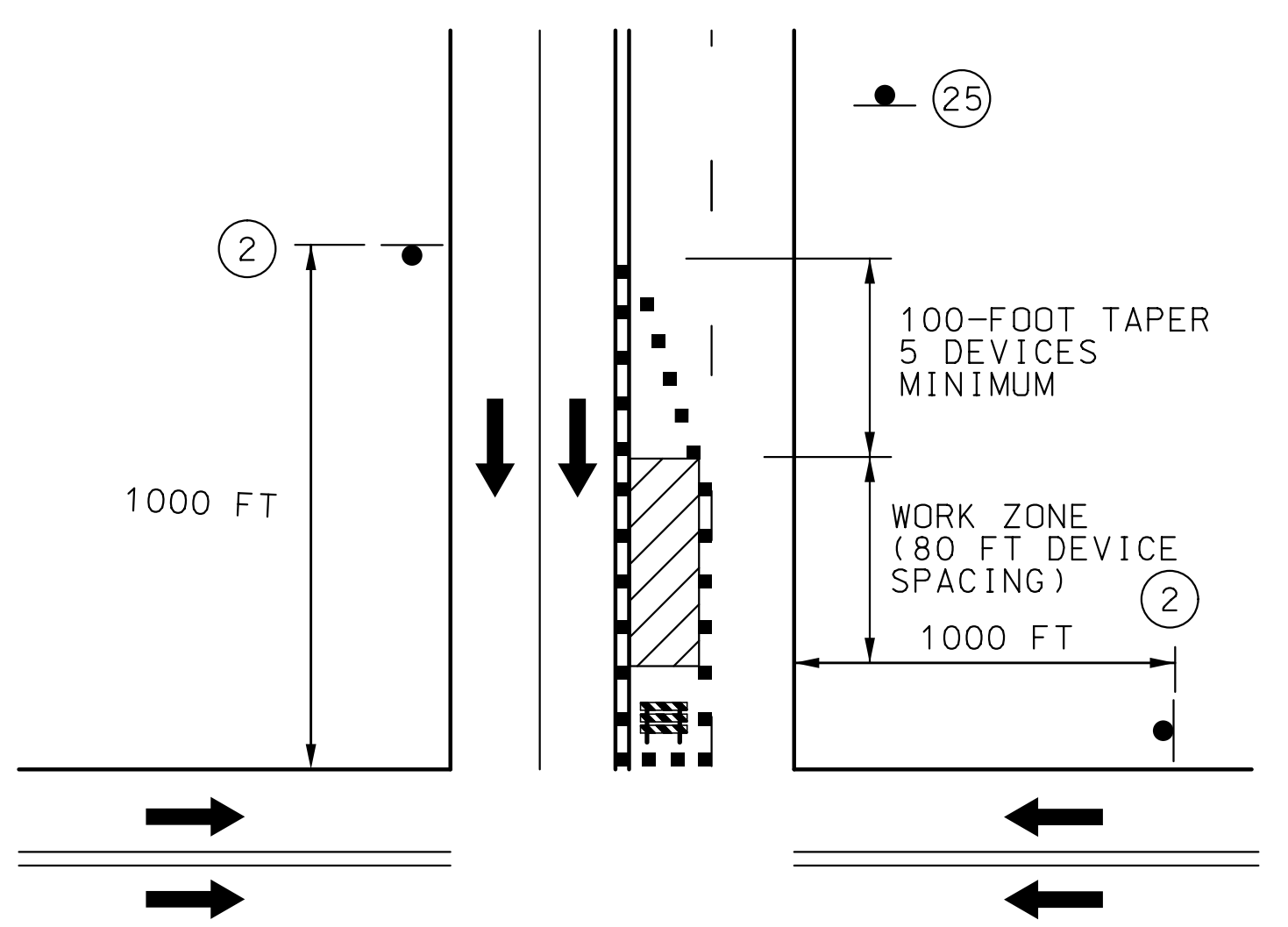
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

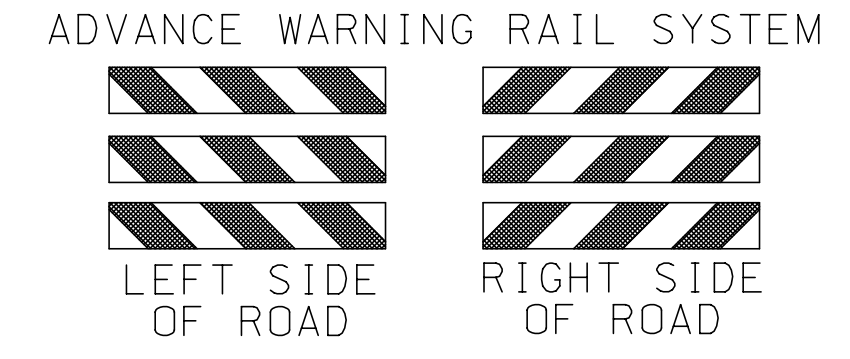
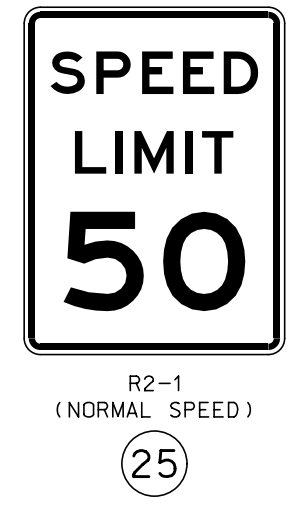
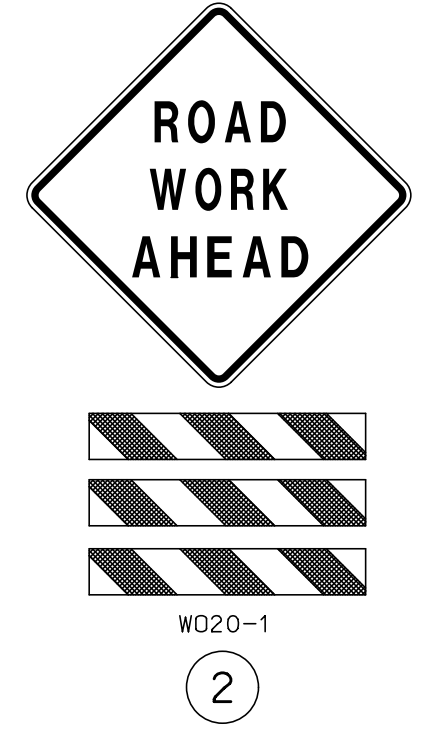
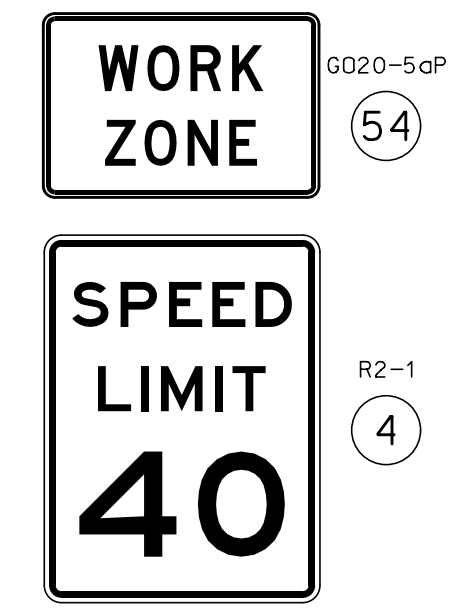
MoDOT

TRAFFIC CONTROL LEFT LANE CLOSURE ON FAR SIDE OF INTERSECTION



TRAFFIC CONTROL LEGEND

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

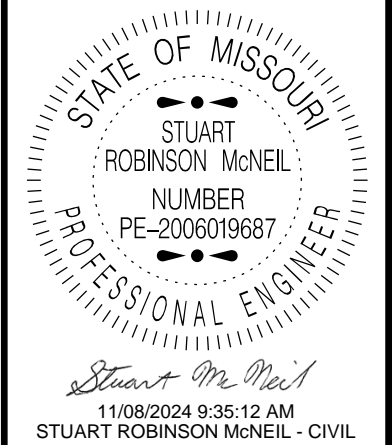


NOTES:

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

NOT TO SCALE

LEFT LANE CLOSURE AT INTERSECTION
 WORK ON FAR SIDE



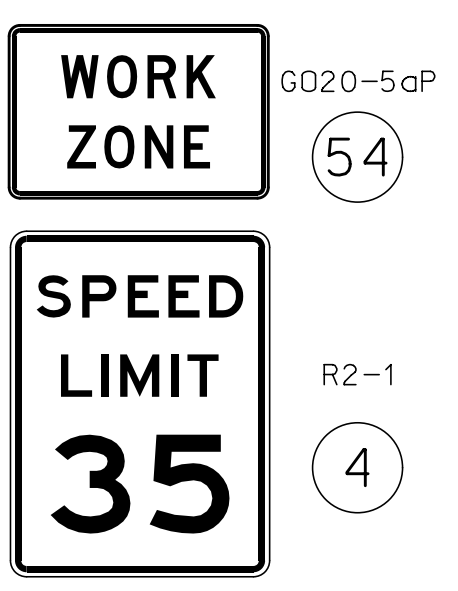
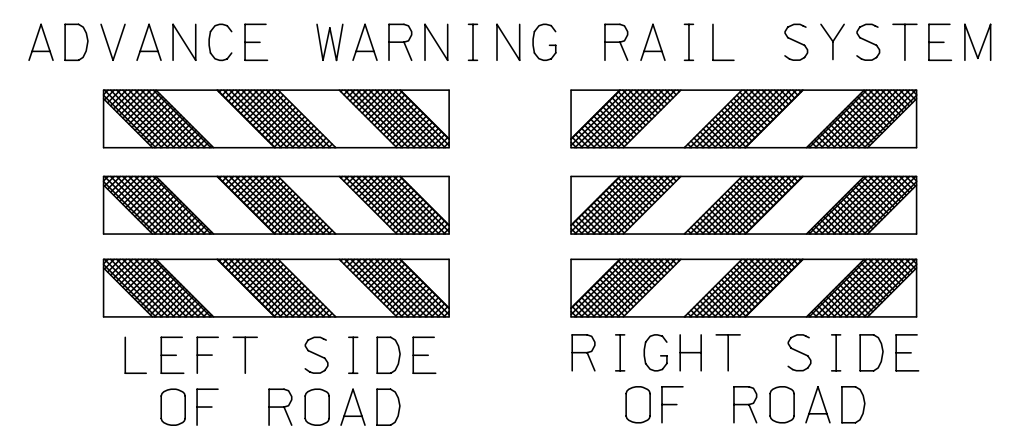
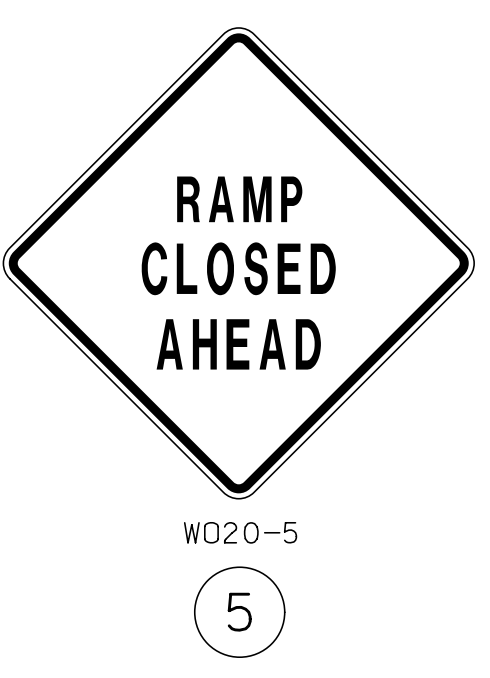
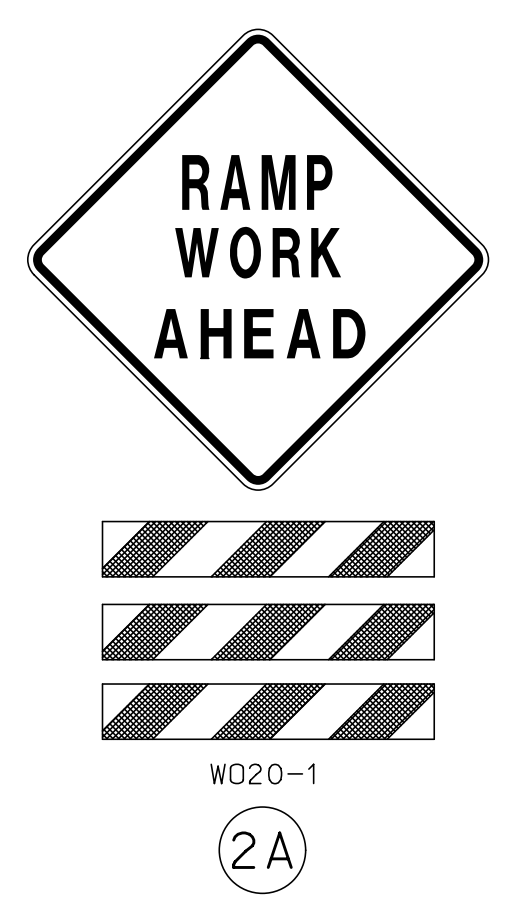
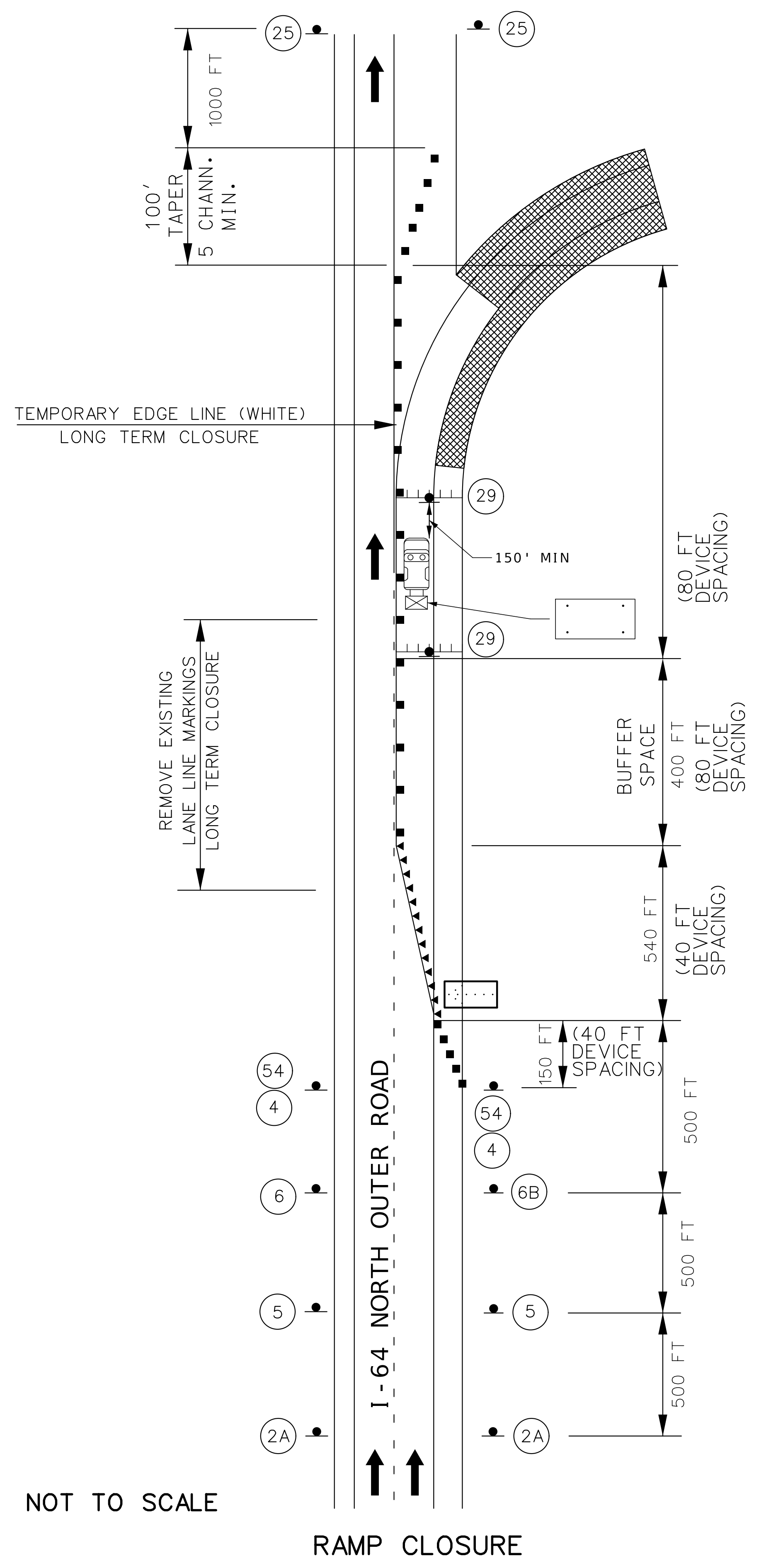
DATE PREPARED
11/1/2024
ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 34
COUNTY ST. LOUIS
JOB NO. JSL0121
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
 WB I-64 OFF RAMP
 CLOSURE



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

TRAFFIC CONTROL LEGEND
 ● SIGN (SINGLE SIDED)
 ■ CHANNELIZER (TRIM-LINE)
 [Hatched Box] WORK AREA
 [Rectangular Box] MOVEABLE BARRICADE

NOT TO SCALE

RAMP CLOSURE



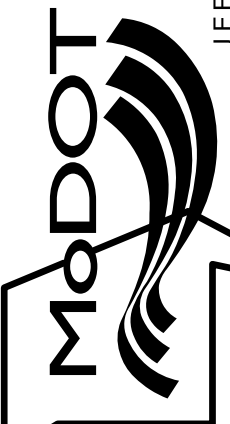
DATE PREPARED
11/1/2024

ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 35

COUNTY ST. LOUIS
JOB NO. JSL0121
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

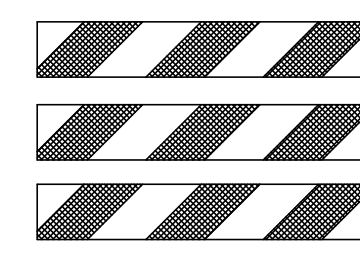
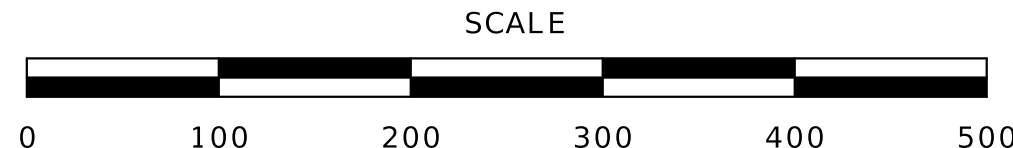
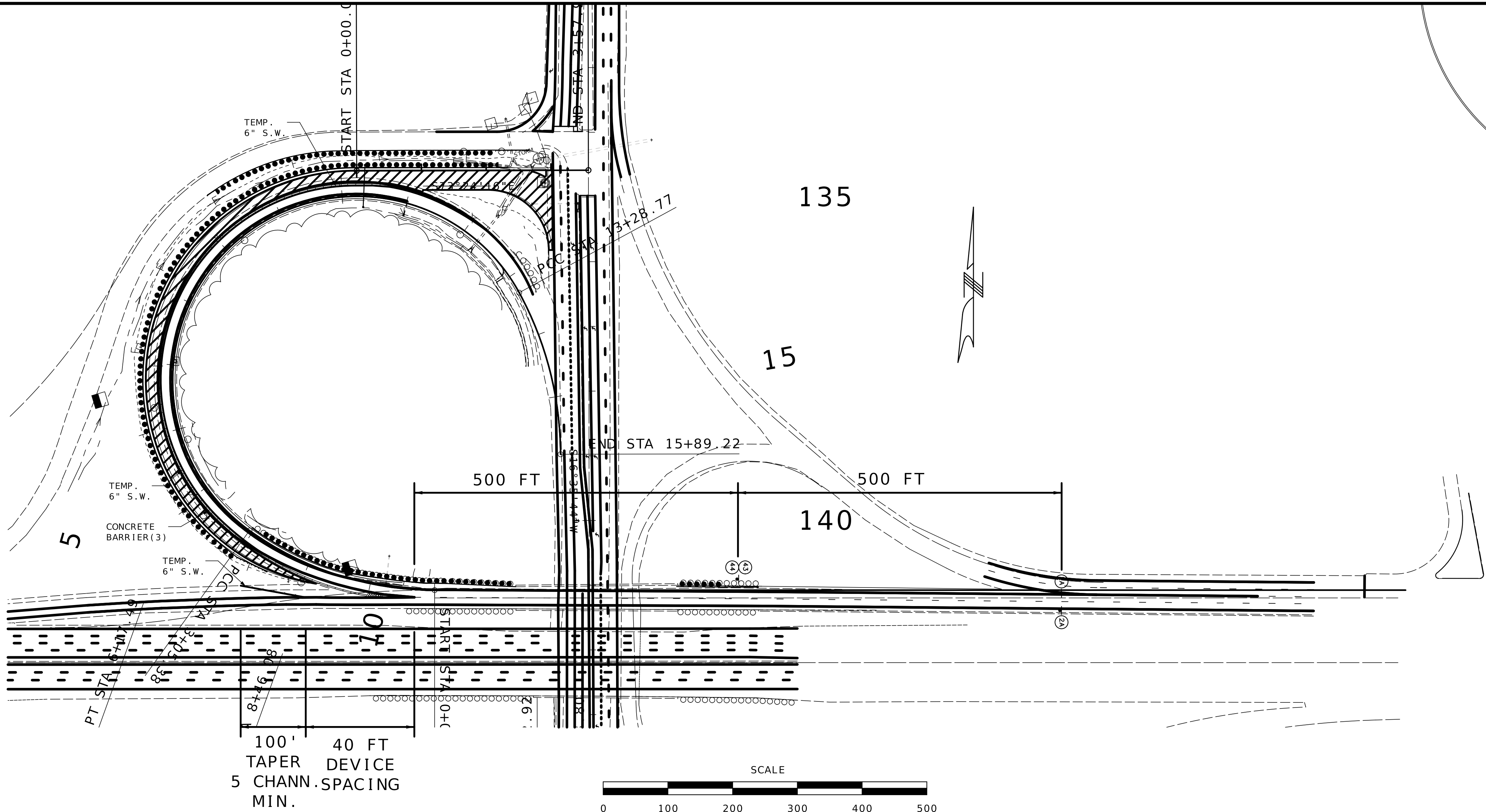
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
WB I-64 RAMP
SHOULDER CLOSURE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- END TREATMENT

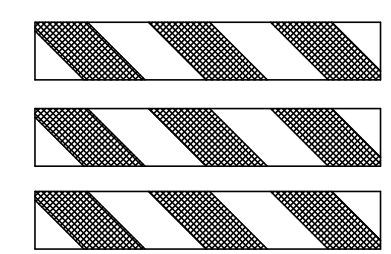


W020-1
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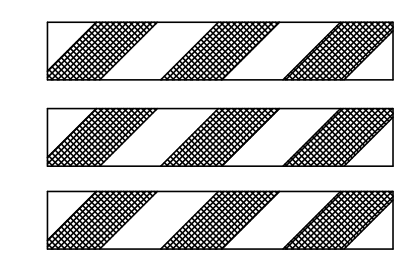


W013-1
44

ADVANCE WARNING RAIL SYSTEM



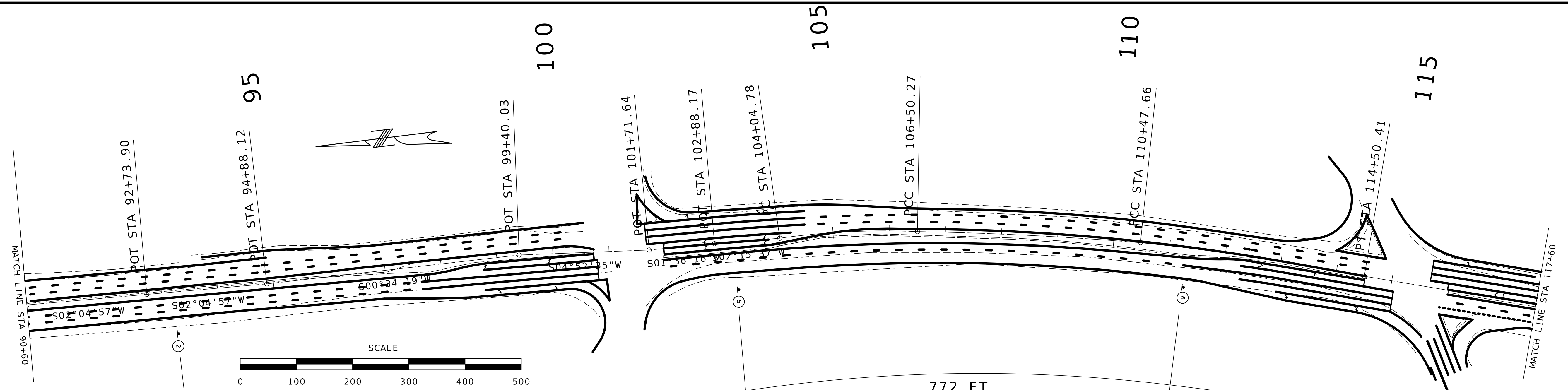
LEFT SIDE OF ROAD



RIGHT SIDE OF ROAD

NOTES:

- REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
- TEMPORARY PAVEMENT MARKING OPTIONAL FOR SHORT TERM OPERATIONS.
- (3) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT.
- (3) CONCRETE BARRIER SHALL BE INSTALLED AT AN 8:1 FLARE RATE WITHIN THE TRAVEL LANES.
- (3) 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.



NOTES:

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

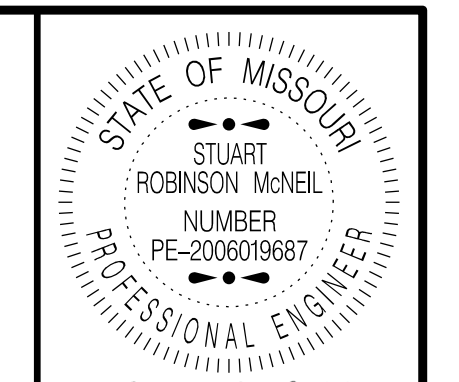
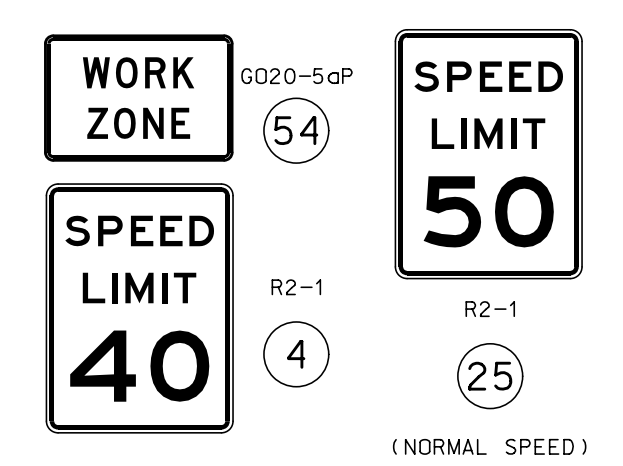
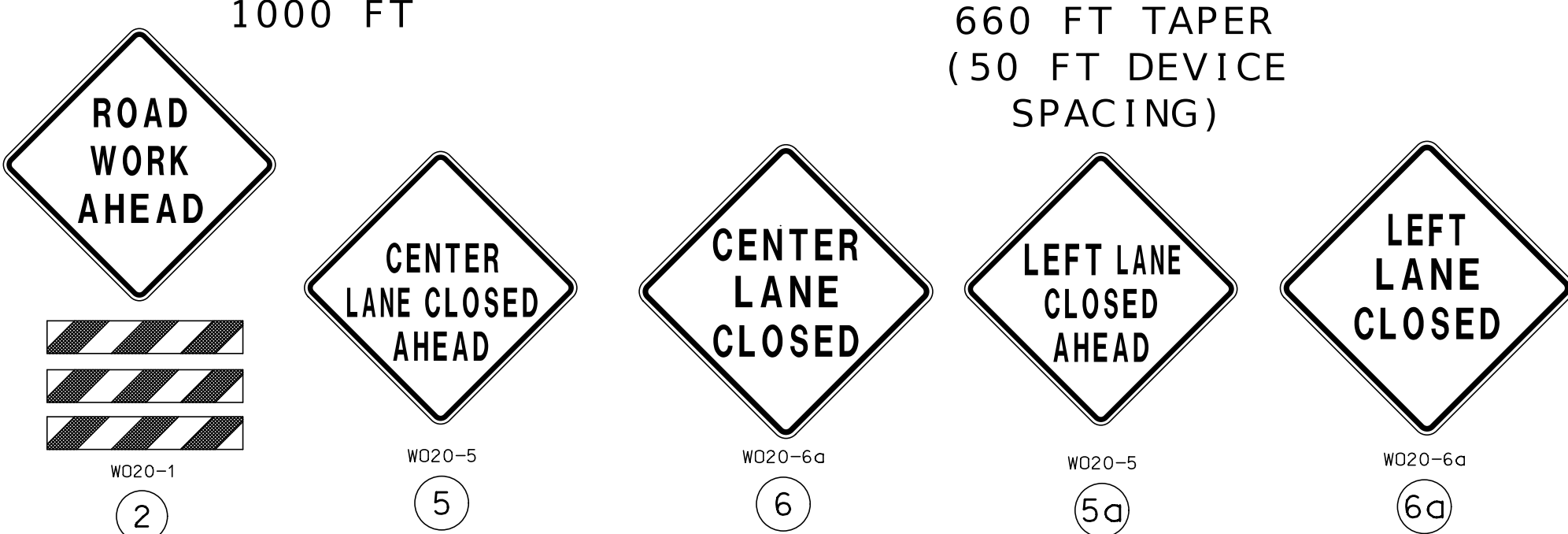
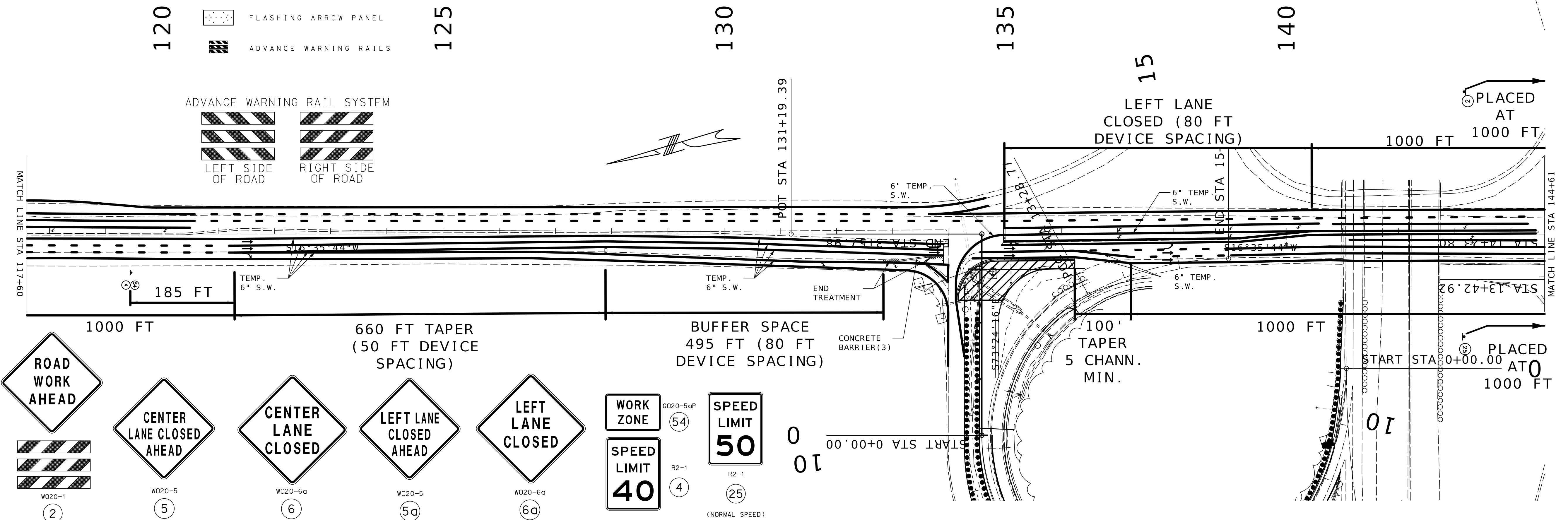
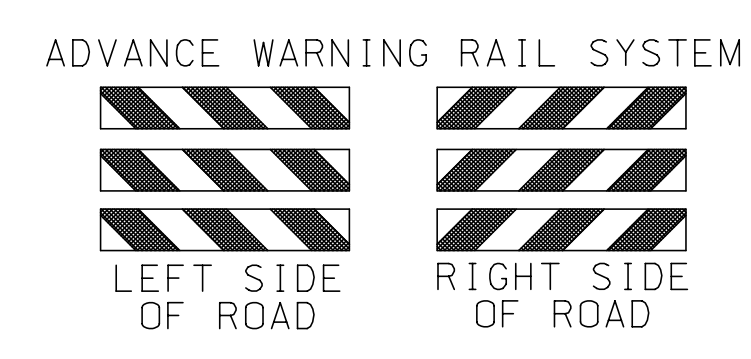
(3) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT.

(3) CONCRETE BARRIER SHALL BE INSTALLED AT AN 8:1 FLARE RATE WITHIN THE TRAVEL LANES.

(3) 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.

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

- TRAFFIC CONTROL LEGEND**
- ▲ SIGN (SINGLE SIDED)
 - ▲ DIRECTIONAL INDICATOR BARRICADE
 - CHANNELIZER (TRIM-LINE)
 - ▨ WORK AREA
 - ▬ TEMPORARY CONCRETE BARRIER
 - END TREATMENT
 - ◻ FLASHING ARROW PANEL
 - ▨ ADVANCE WARNING RAILS



DATE PREPARED: 11/15/2024 12:03:52 PM

ROUTE: 141 STATE: MO

DISTRICT: SL SHEET NO.: 36

COUNTY: ST. LOUIS

JOB NO.: JSL0121

CONTRACT ID.:

PROJECT NO.:

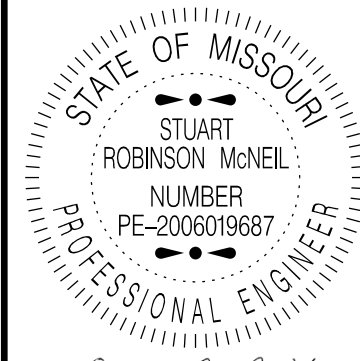
BRIDGE NO.:

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
WB I-64 RAMP
CONNECTION



STUART ROBINSON MCNEIL
11/08/2024 9:57:13 AM
MO-PE-2006019687

DATE PREPARED
11/1/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 37

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

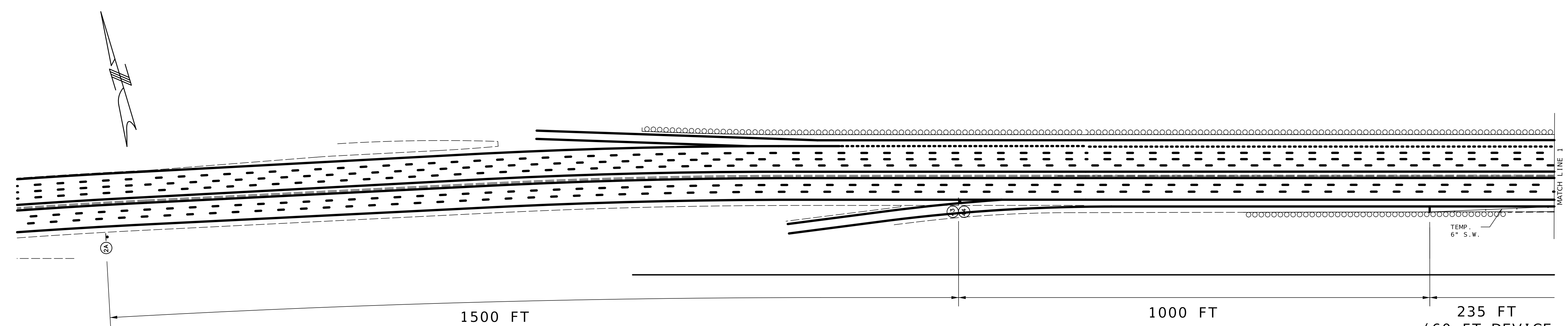
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TRAFFIC CONTROL
EB I-64 RAMP
SHOULDER CLOSURE

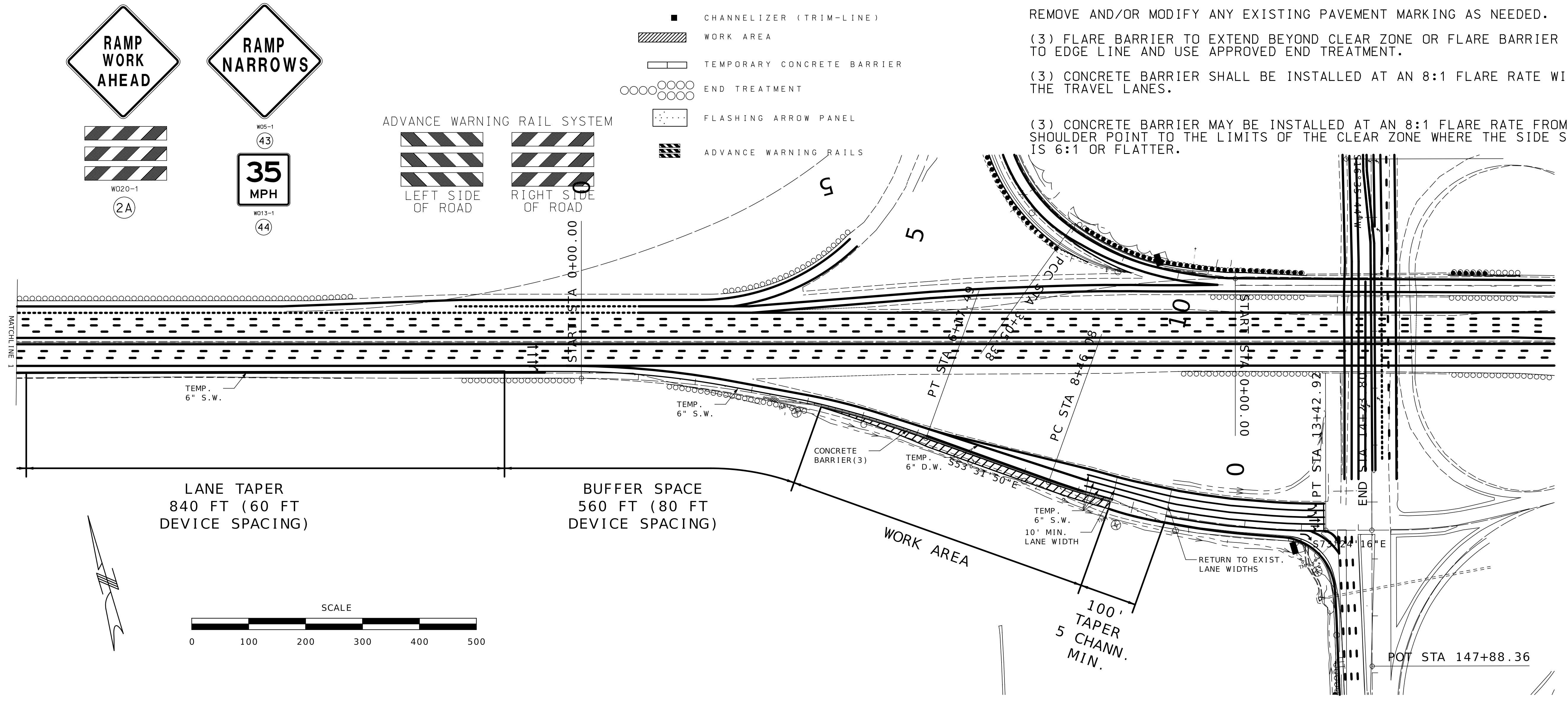
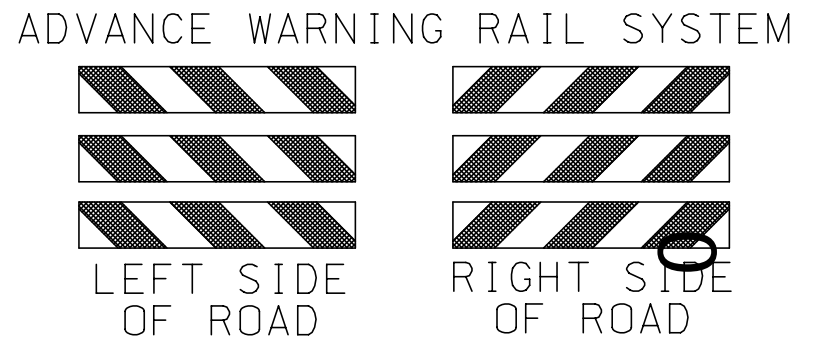
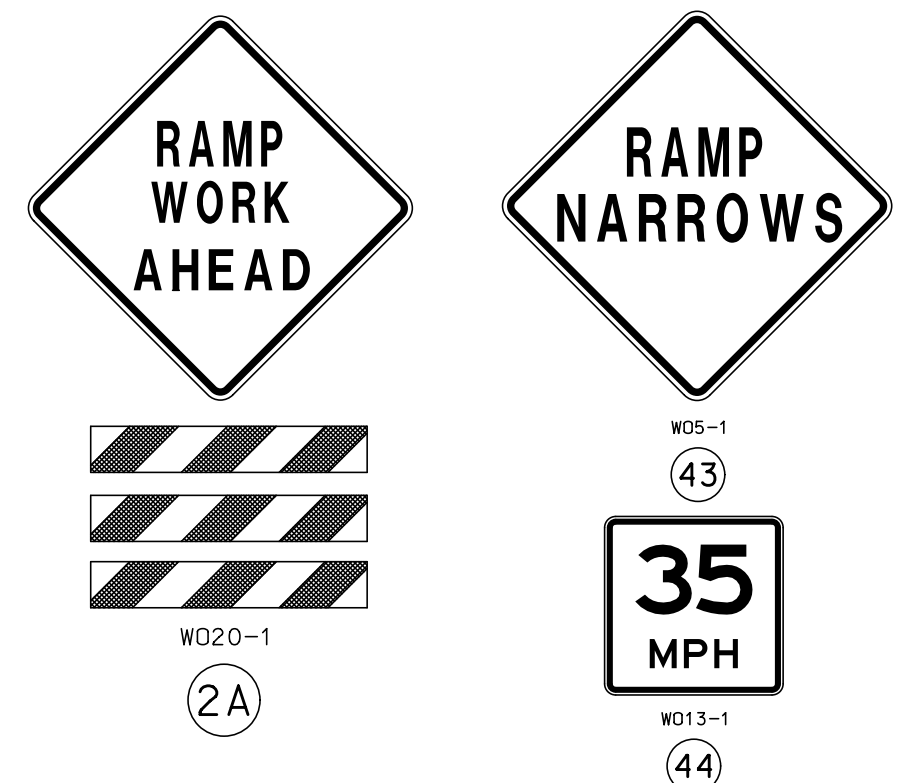


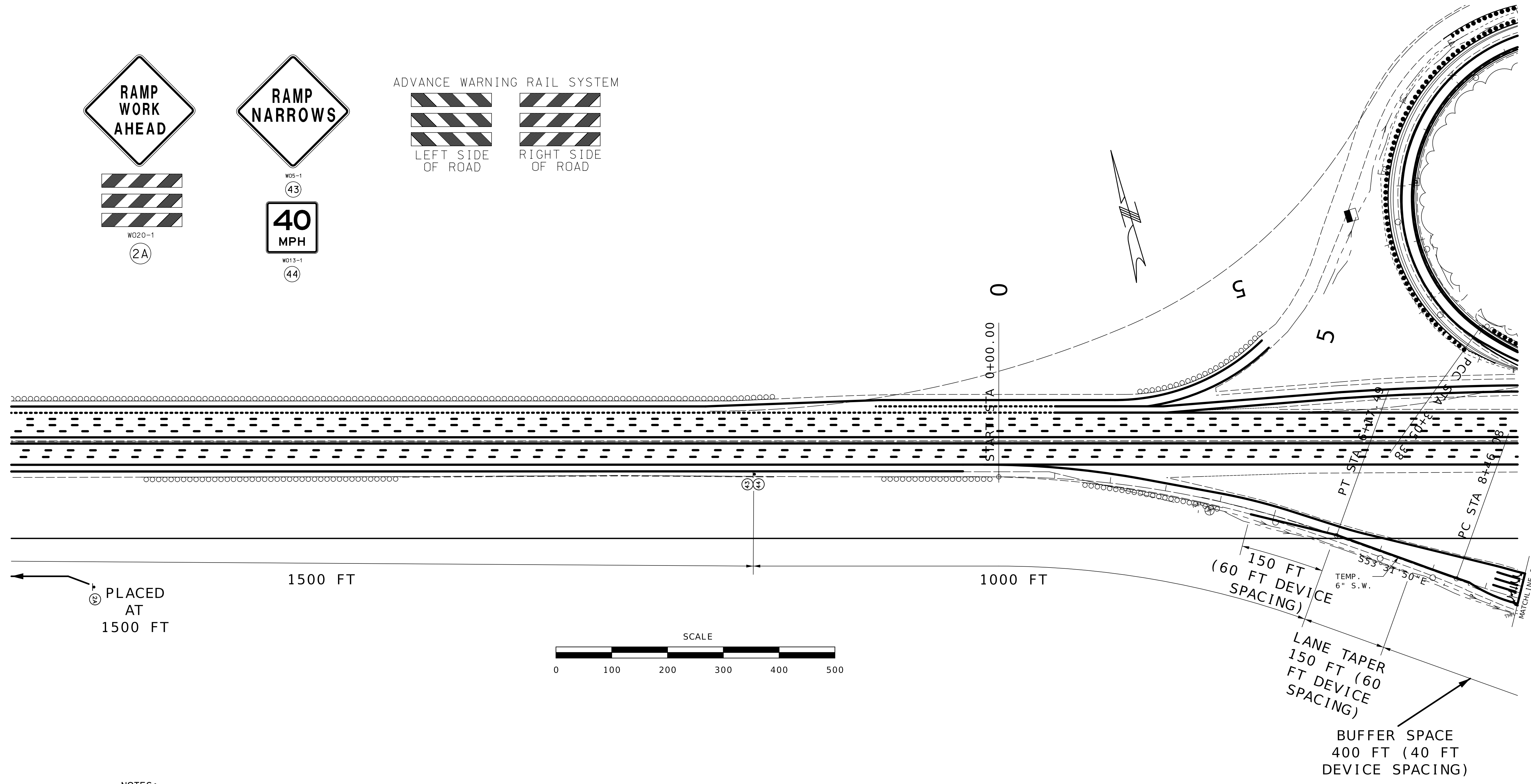
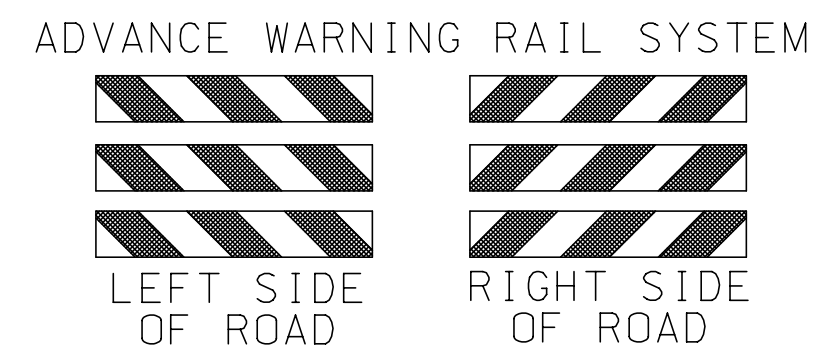
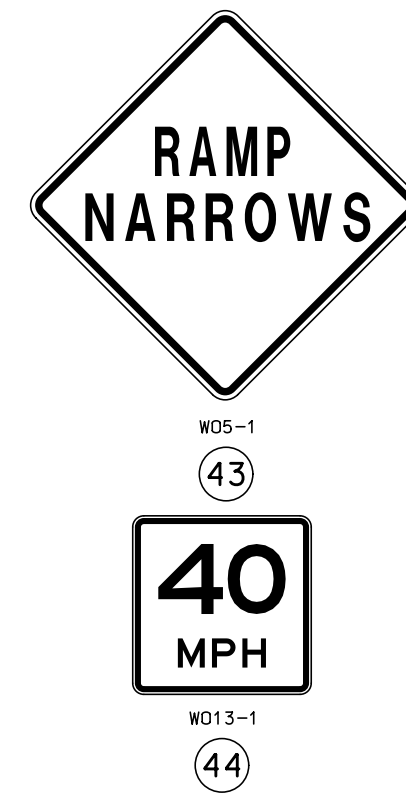
TRAFFIC CONTROL LEGEND

- ▲ SIGN (SINGLE SIDED)
- ◄ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- ▬ TEMPORARY CONCRETE BARRIER
- END TREATMENT
- ⋯ FLASHING ARROW PANEL
- ▨▨▨ ADVANCE WARNING RAILS

NOTES:

- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.
- REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
- (3) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT.
- (3) CONCRETE BARRIER SHALL BE INSTALLED AT AN 8:1 FLARE RATE WITHIN THE TRAVEL LANES.
- (3) 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.



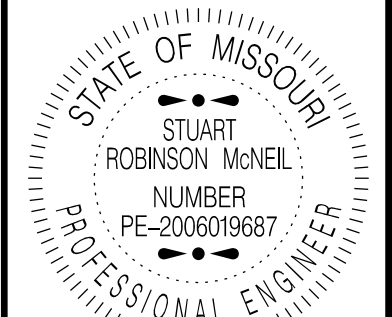


NOTES:

- 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.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- (3) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT.
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- (3) 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.

TRAFFIC CONTROL LEGEND

- ▲ SIGN (SINGLE SIDED)
- ◄ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- ▭ TEMPORARY CONCRETE BARRIER
- END TREATMENT
- ▨▨▨▨ ADVANCE WARNING RAILS



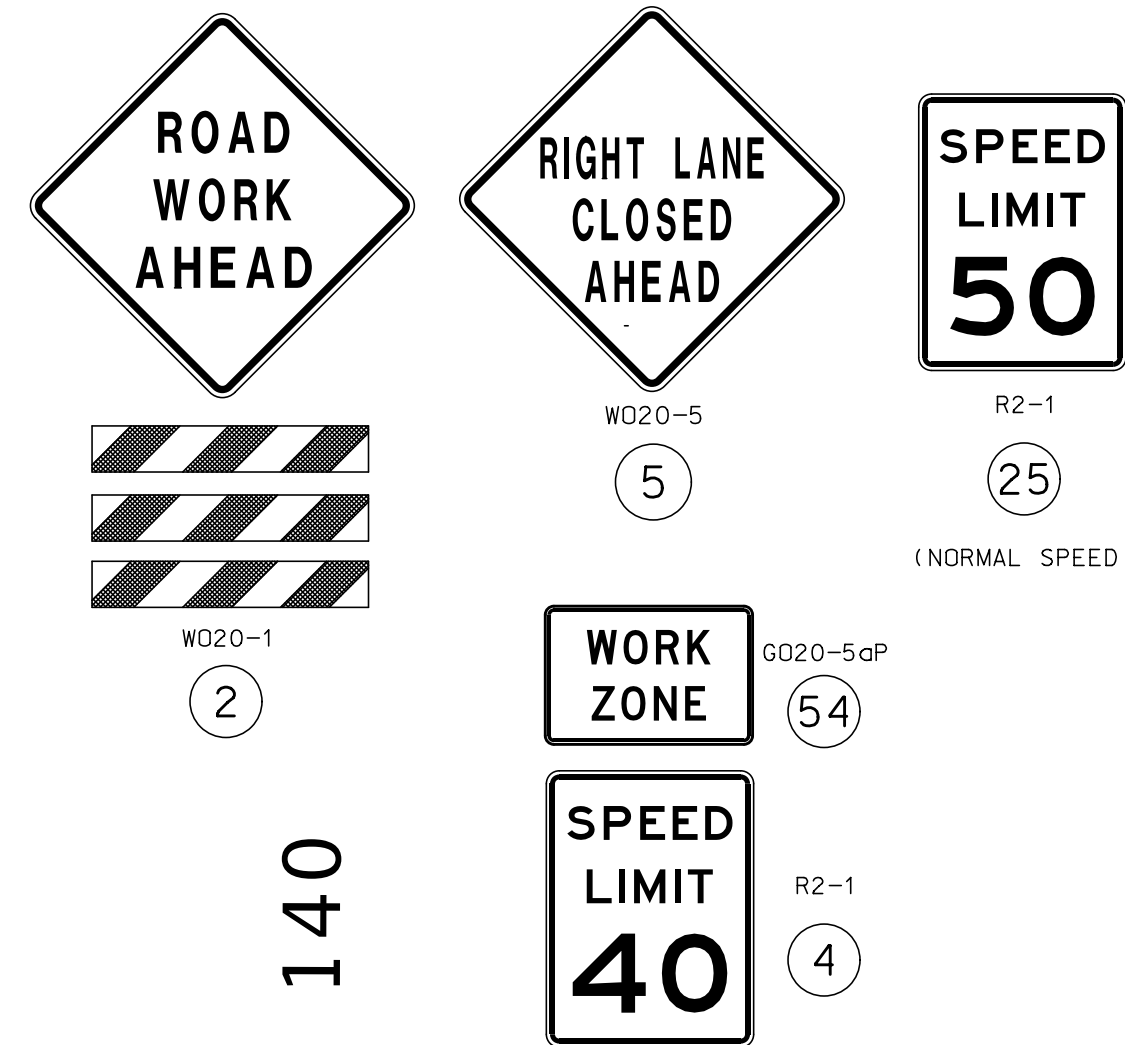
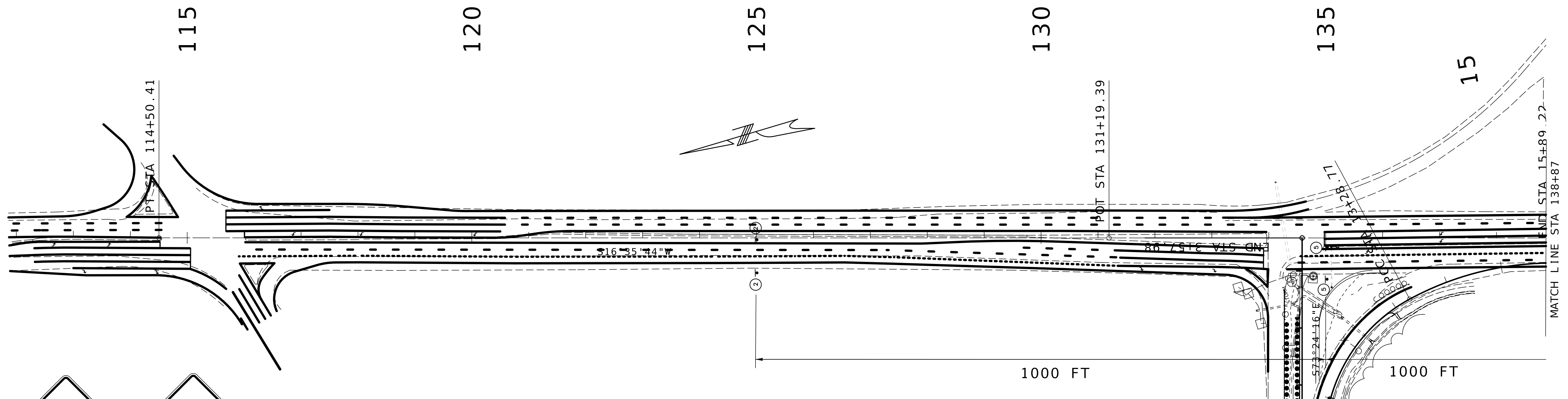
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STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/1/2024
ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 38
COUNTY ST. LOUIS
JOB NO. JSL0121
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

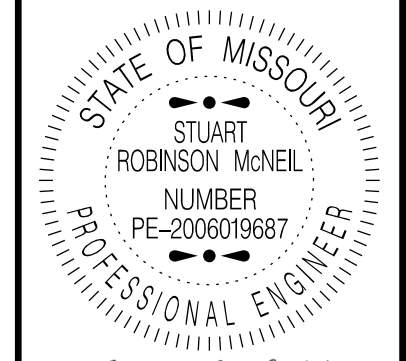
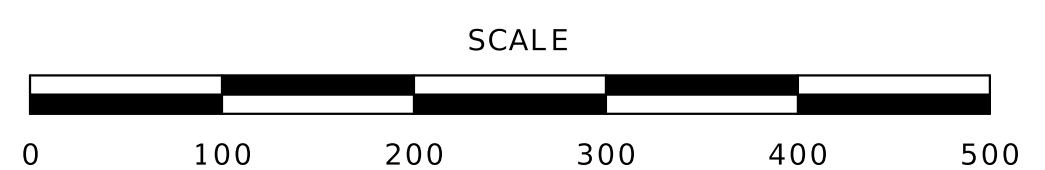
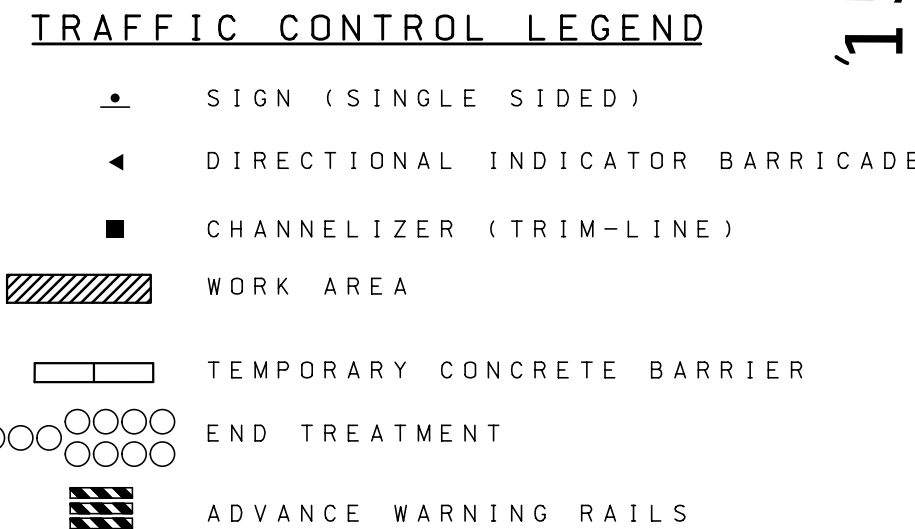
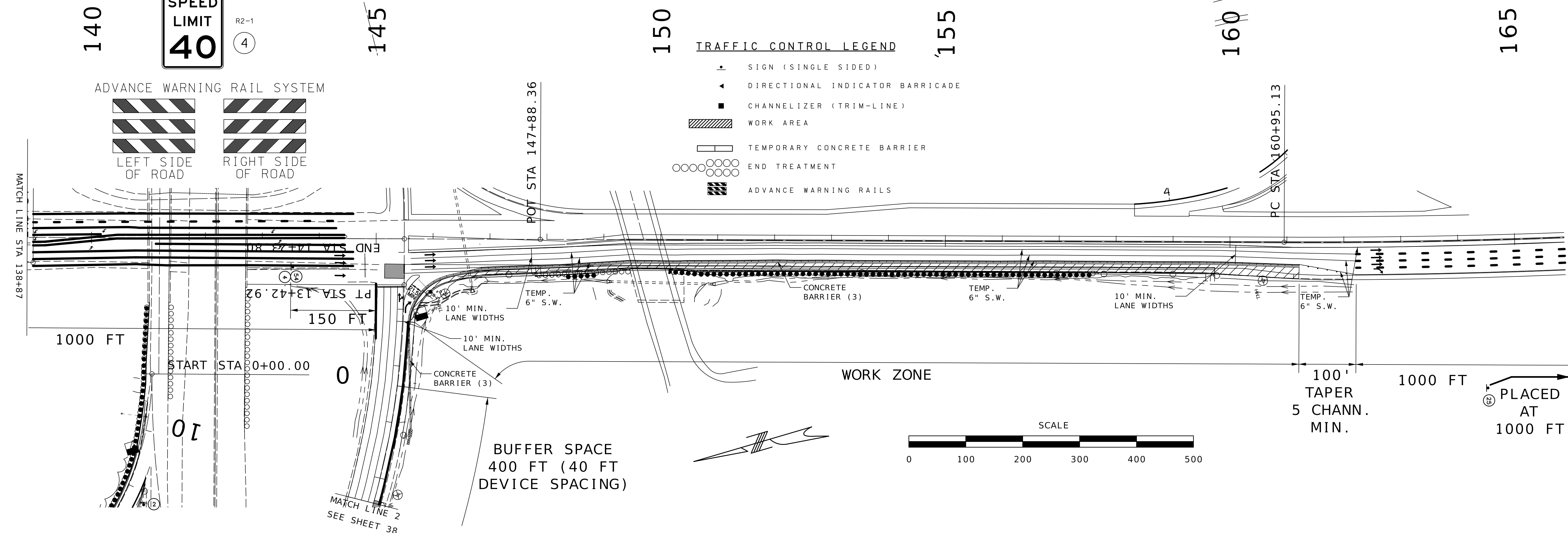
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
MAINLINE WIDENING
STAGE 1 (RAMP)



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.
 TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
 (3) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT.

(3) CONCRETE BARRIER SHALL BE INSTALLED AT AN 8:1 FLARE RATE WITHIN THE TRAVEL LANES.
 (3) 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.



DATE PREPARED
 11/1/2024
 ROUTE STATE
 141 MO
 DISTRICT SHEET NO.
 SL 39

COUNTY
 ST. LOUIS
 JOB NO.
 JSL0121
 CONTRACT ID.

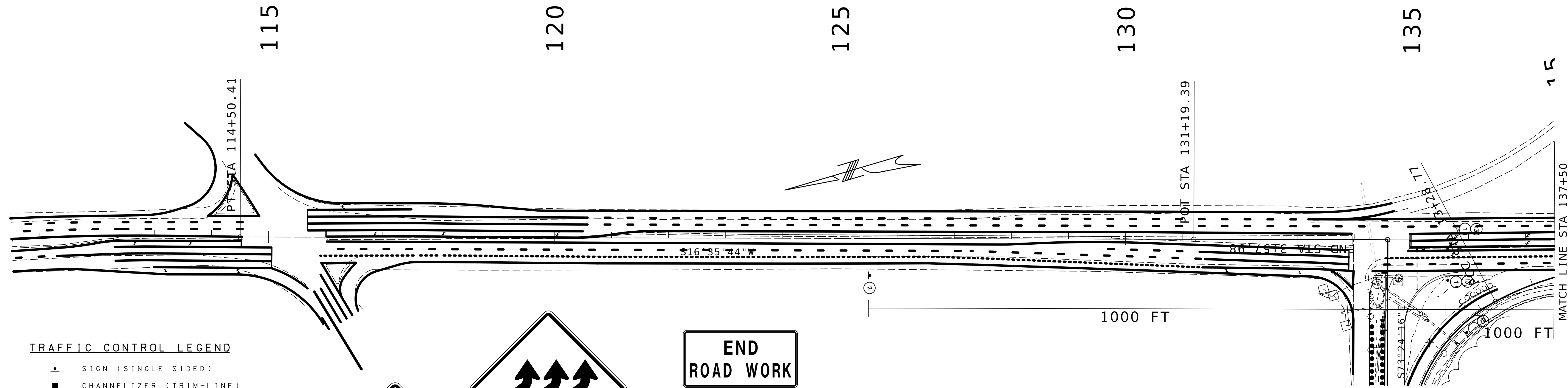
PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

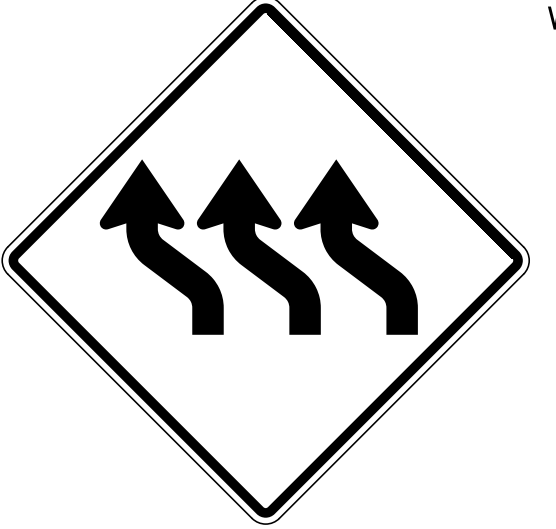
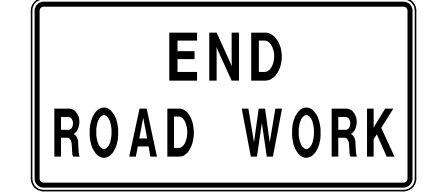
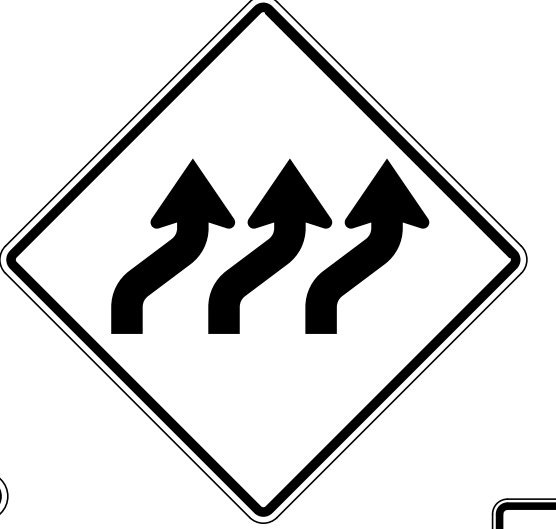
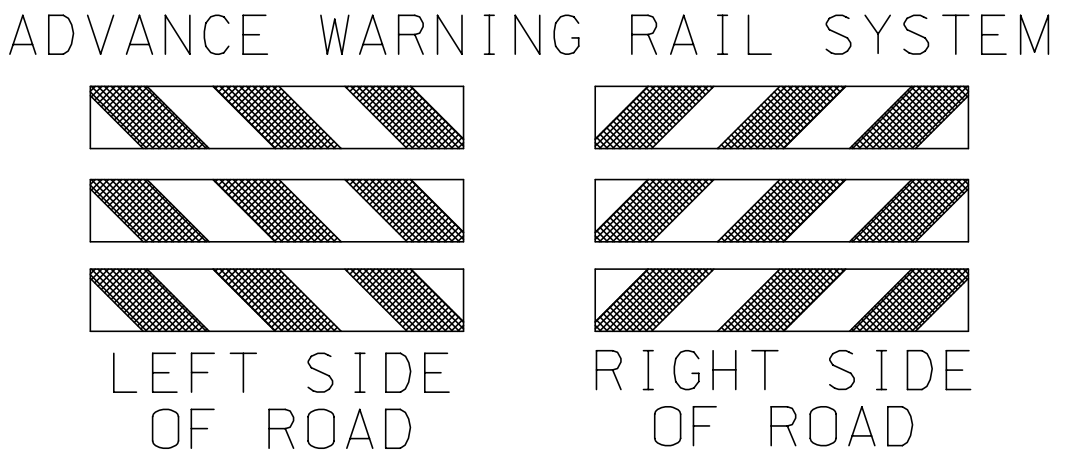
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
 MAINLINE WIDENING
 STAGE 1



- TRAFFIC CONTROL LEGEND**
- ▲ SIGN (SINGLE SIDED)
 - CHANNELIZER (TRIM-LINE)
 - ▨ WORK AREA
 - ▭ TEMPORARY CONCRETE BARRIER
 - END TREATMENT
 - ▨▨▨▨▨▨▨▨ ADVANCE WARNING RAILS



NOTES:

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

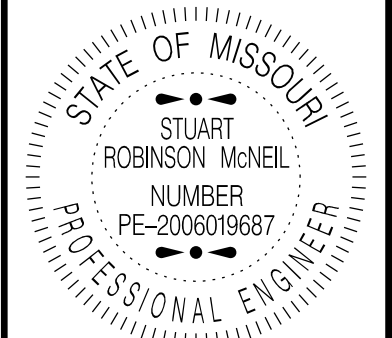
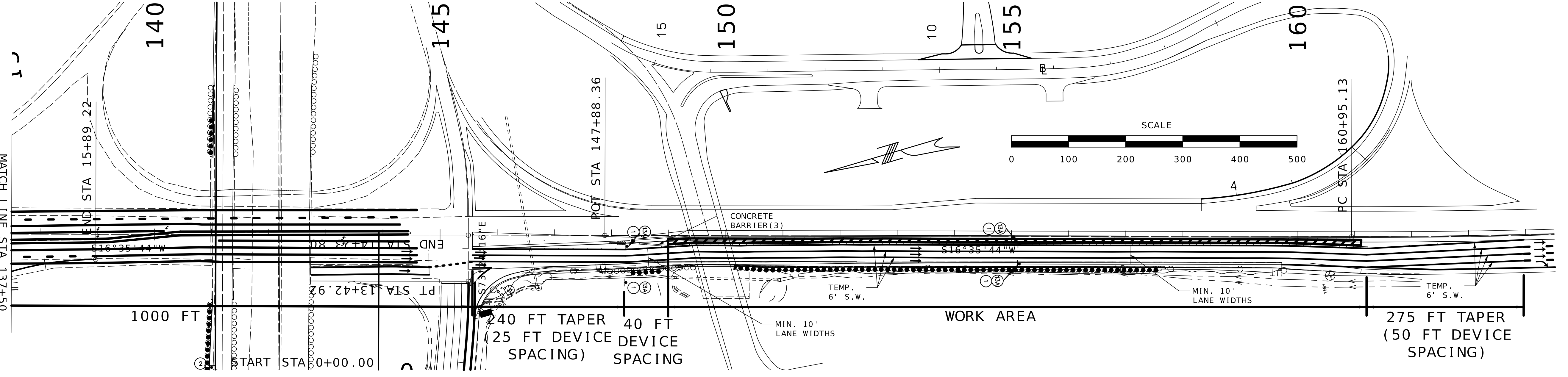
(3) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT.

(3) CONCRETE BARRIER SHALL BE INSTALLED AT AN 8:1 FLARE RATE WITHIN THE TRAVEL LANES.

(3) 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.

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

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



STUART ROBINSON MCNEIL
 PE-2006019687
 PROFESSIONAL ENGINEER

DATE PREPARED
 11/1/2024

ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 40

COUNTY
 ST. LOUIS

JOB NO.
 JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

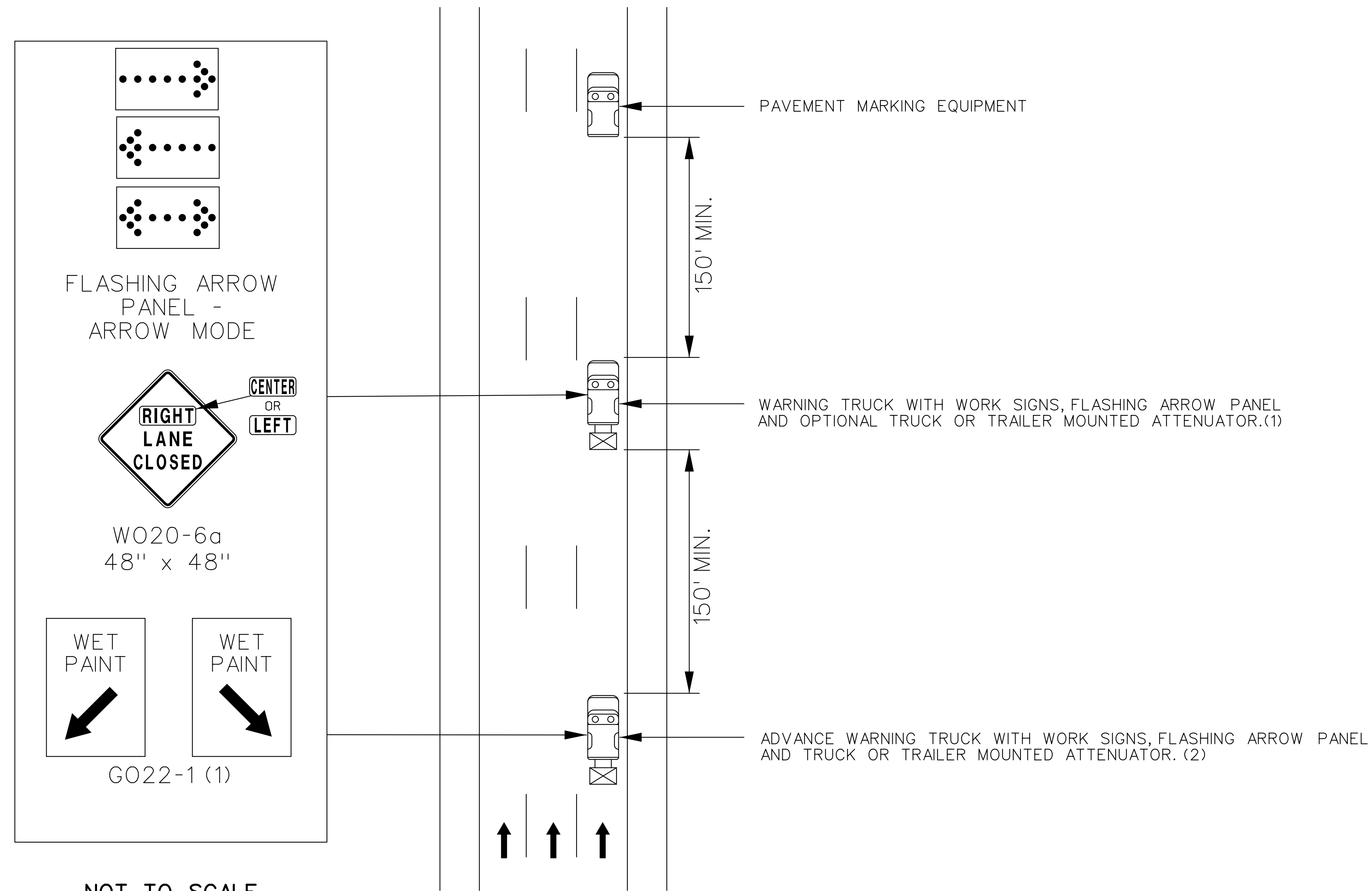
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
 MAINLINE WIDENING
 STAGE 2

CENTER LINE AND OR LANE LINE STRIPING ON MULTI-LANE DIVIDED HIGHWAYS



NOT TO SCALE

MULTI-LANE DIVIDED HIGHWAY

NOTES:

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

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

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

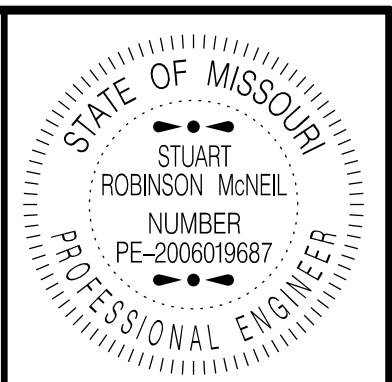
(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

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

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

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

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



STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/1/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 41

COUNTY ST. LOUIS

JOB NO. JSL0121

CONTRACT ID.

PROJECT NO.

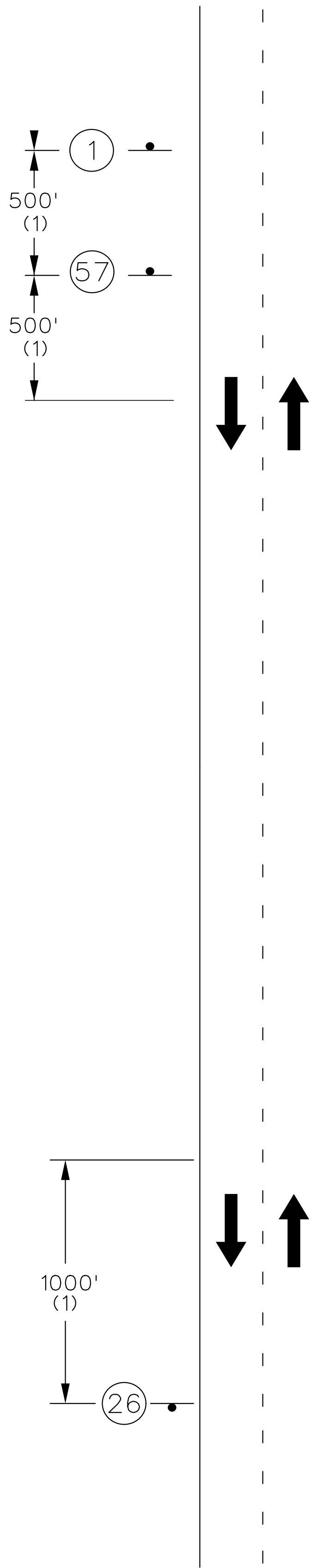
BRIDGE NO.

DESCRIPTION	DATE

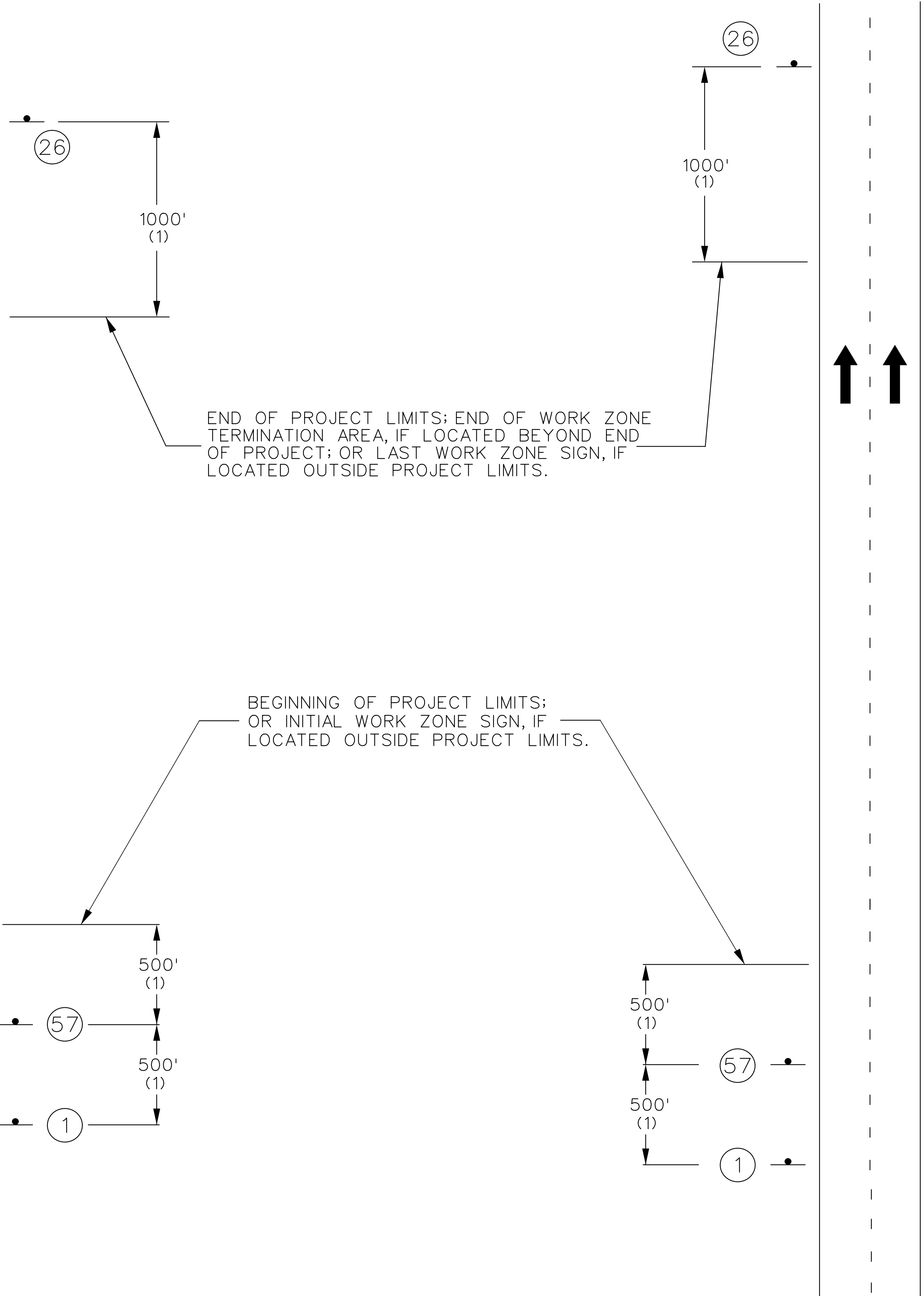
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL STRIPING



TWO-LANE UNDIVIDED



BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

MULTI-LANE DIVIDED

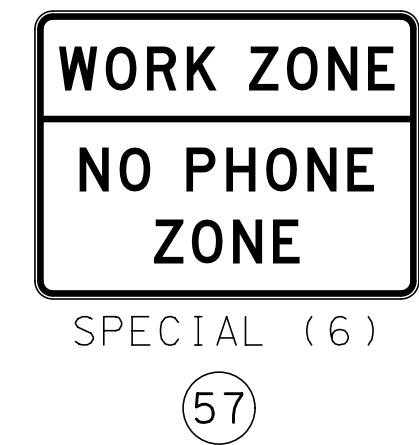
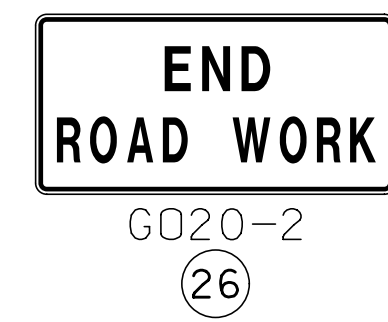
NOTES:

SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

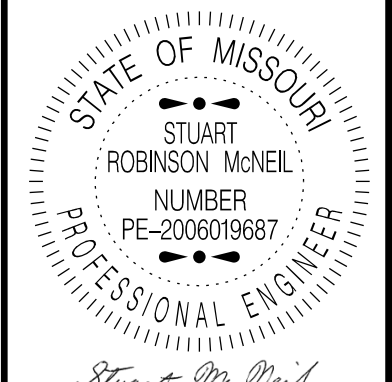
ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

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

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



NOT TO SCALE



DATE PREPARED
11/1/2024

ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 42

COUNTY
ST. LOUIS

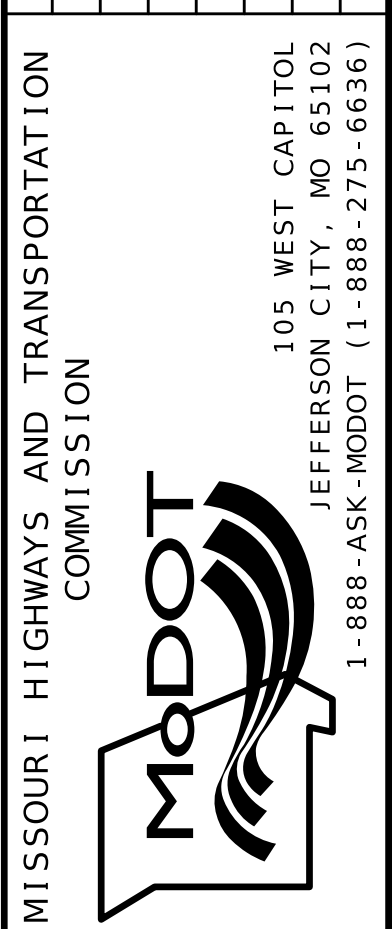
JOB NO.
JSL0121

CONTRACT ID.

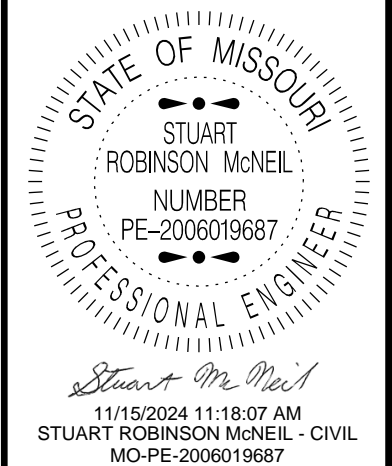
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION



TRAFFIC CONTROL BEGIN/END OF PROJECT SIGNING



DATE PREPARED
11/15/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 43

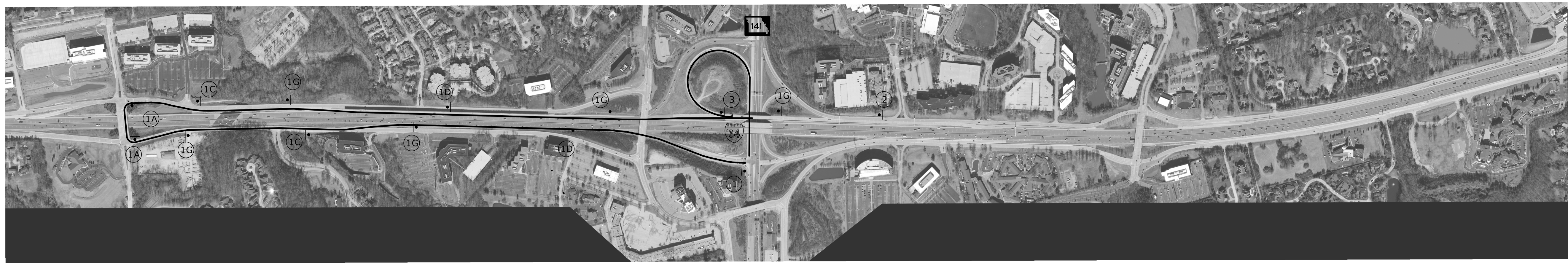
COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

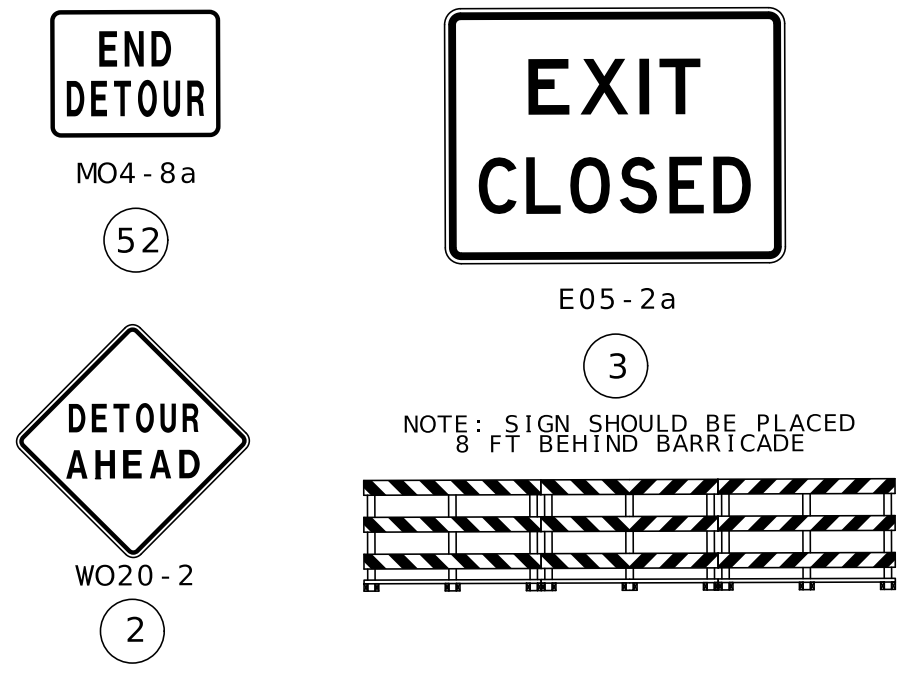
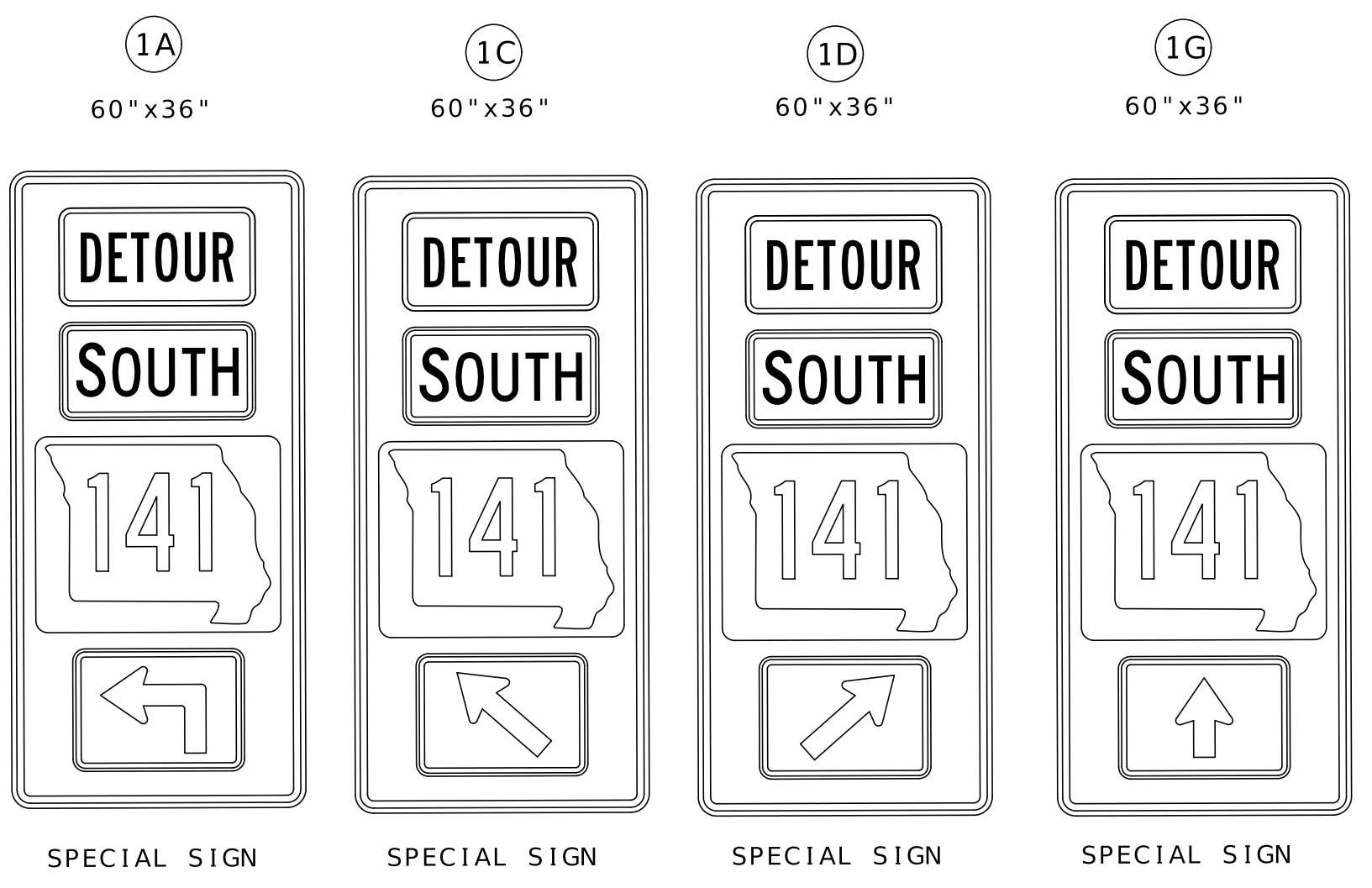


DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET

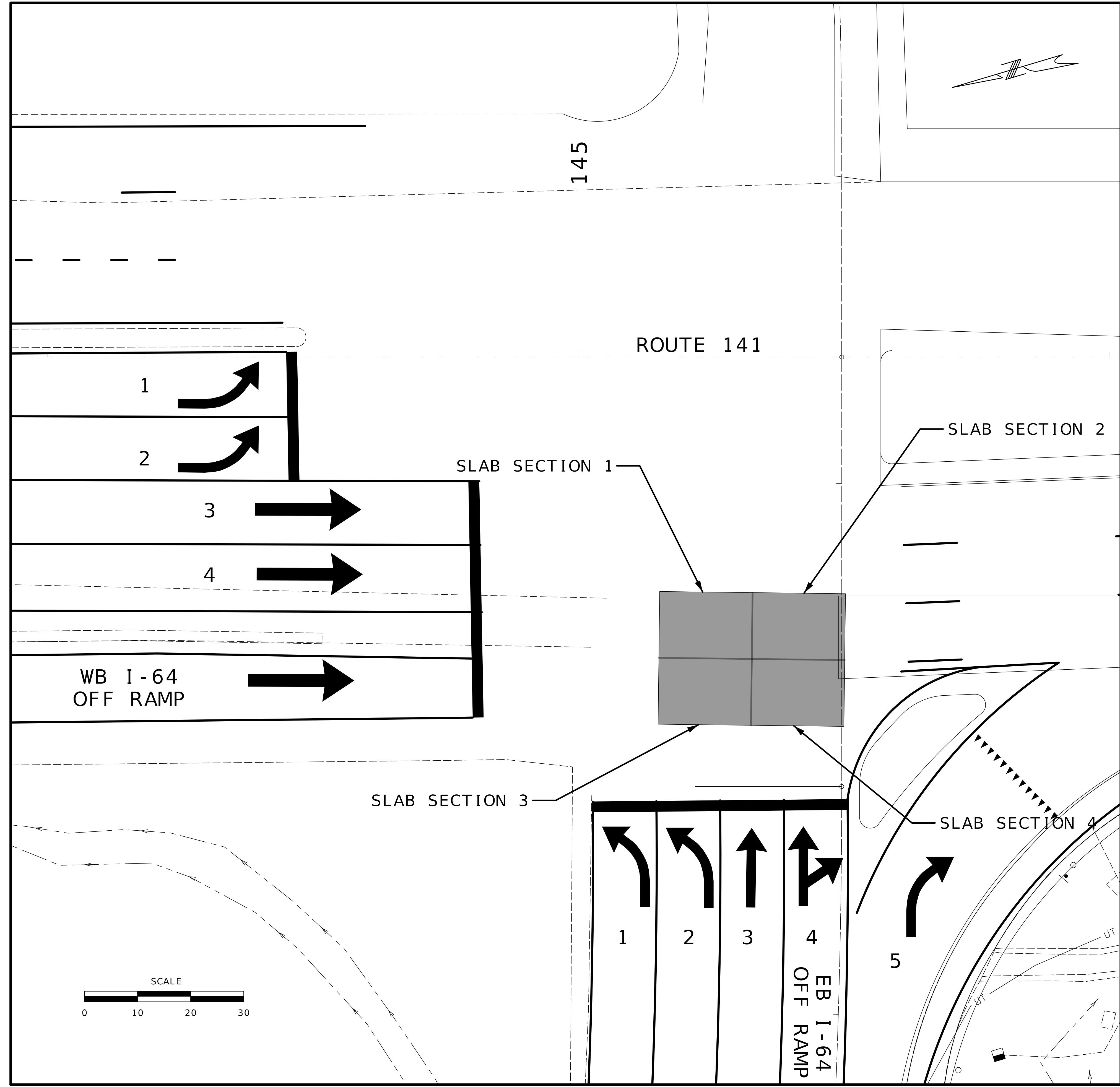


TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

⌌ MOVEABLE BARRICADE

NOTES:
RAMP CLOSURE AND DETOUR SHALL ONLY BE USED DURING NIGHTTIME OPERATIONS OR DURING PLANNED WEEKEND CLOSURES



LEGEND

[Grey Box] FULL DEPTH PAVEMENT REPAIR

NOTES:

THE FULL DEPTH CONCRETE PAVEMENT REPAIR FOR THE RTE 141 MAINLINE AT THE I-64 EB OFF RAMP SHALL BE DONE IN SECTIONS.

WORK SHALL BE PERFORMED ONLY DURING DESIGNATED NIGHT AND WEEKEND HOURS.

SINGLE AND DOUBLE LANE CLOSURES ARE ALLOWABLE FOR LANES 2, 3, AND 4 AS NECESSARY FOR THE EB I-64 OFF RAMP APPROACH. THE EXISTING SHOULDER MAY BE USED TO PROVIDE ADDITIONAL WIDTH NECESSARY KEEP LANE 1 OPEN FOR THE COMPLETION OF SLABS 1 AND 3.

THE WB I-64 OFF RAMP SHALL BE CLOSED FOR THE REPAIR OF EACH SECTION.

A SINGLE LANE CLOSURE IS ALLOWABLE AS NECESSARY FOR SB ROUTE 141 LANE NUMBER 4 TO COMPLETE SECTIONS 1 AND 2.

SEE PLAN SHEETS 30 AND 32 FOR DETAILS ON SINGLE LANE CLOSURES AT INTERSECTIONS.

SEE PLAN SHEETS 28 AND 29 FOR DETAILS ON DOUBLE LANE CLOSURES.

SEE PLAN SHEETS 34 AND 43 FOR DETAILS ON RAMP CLOSURES.

FULL DEPTH CONCRETE PAVEMENT REPAIR FOR RTE 141 MAINLINE AT THE I-64 EB OFF RAMP SHALL BE PERFORMED AFTER THE CONSTRUCTION OF THE NEW I-64 OFF RAMP WIDENING IN JSL0121.

ALL TRAFFIC CONTROL STAGING PLANS SHALL BE APPROVED BY THE CONSTRUCTION INSPECTOR A WEEK PRIOR TO USE IN THE FIELD.

STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

DATE PREPARED: 11/15/2024 11:18:26 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

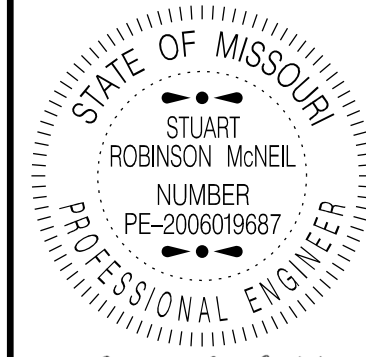
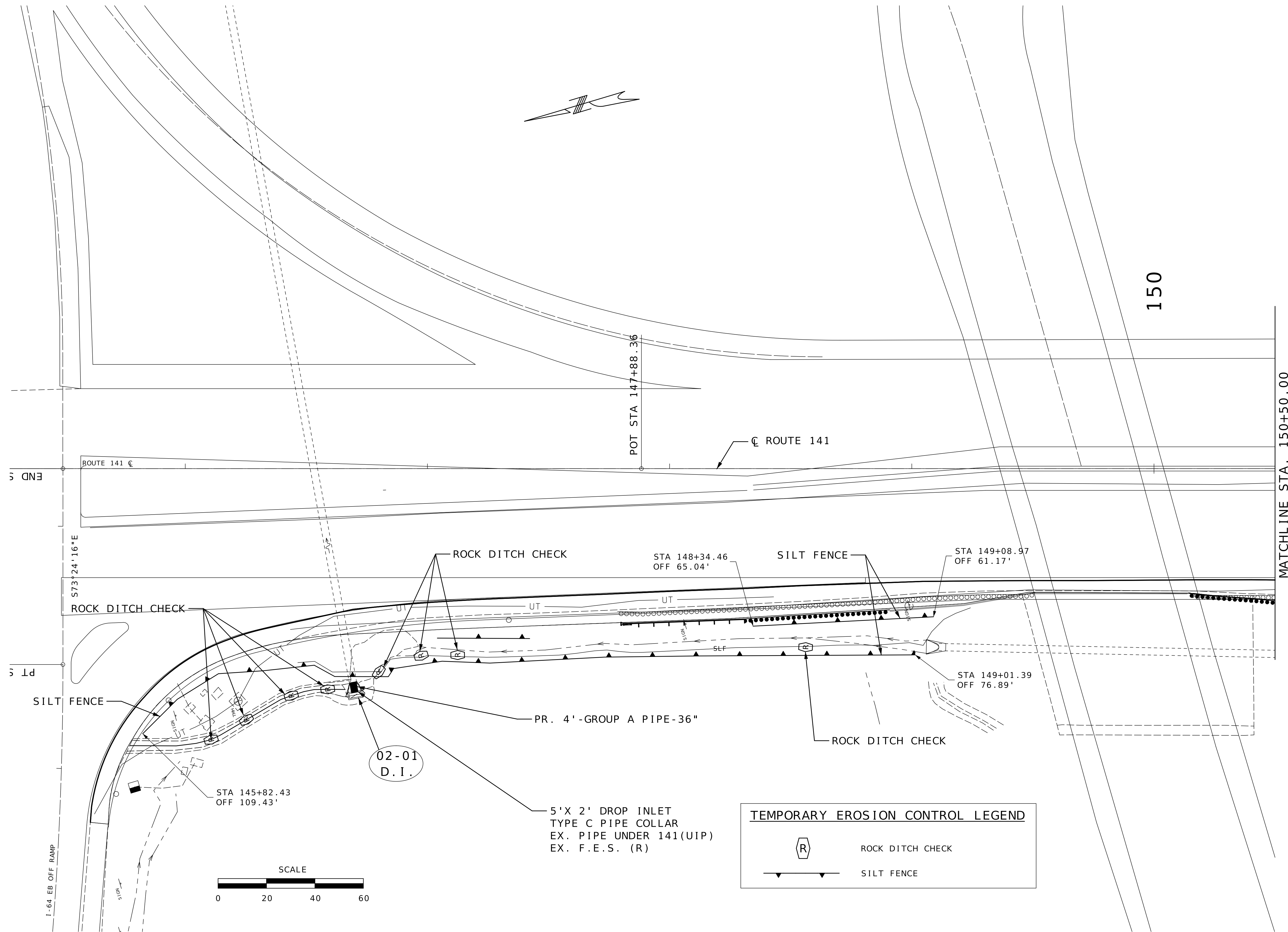
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ROUTE	STATE	141	MO
DISTRICT	SHEET NO.	SL	44
COUNTY			
ST. LOUIS			
JOB NO.			
JSL0121			
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
RTE 141 MAINLINE
AT EB I-64 OFF RAMP
FULL DEPTH PAVEMENT
REPAIR



11/15/2024 11:18:40 AM
 STUART ROBINSON MCNEIL - CIVIL
 MO-PE-2006019687

DATE PREPARED
 11/15/2024

ROUTE STATE
 141 MO

DISTRICT SHEET NO.
 SL 45

COUNTY
 ST. LOUIS

JOB NO.
 JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

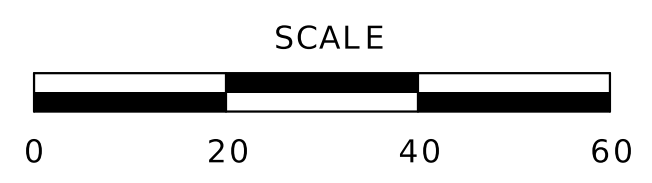
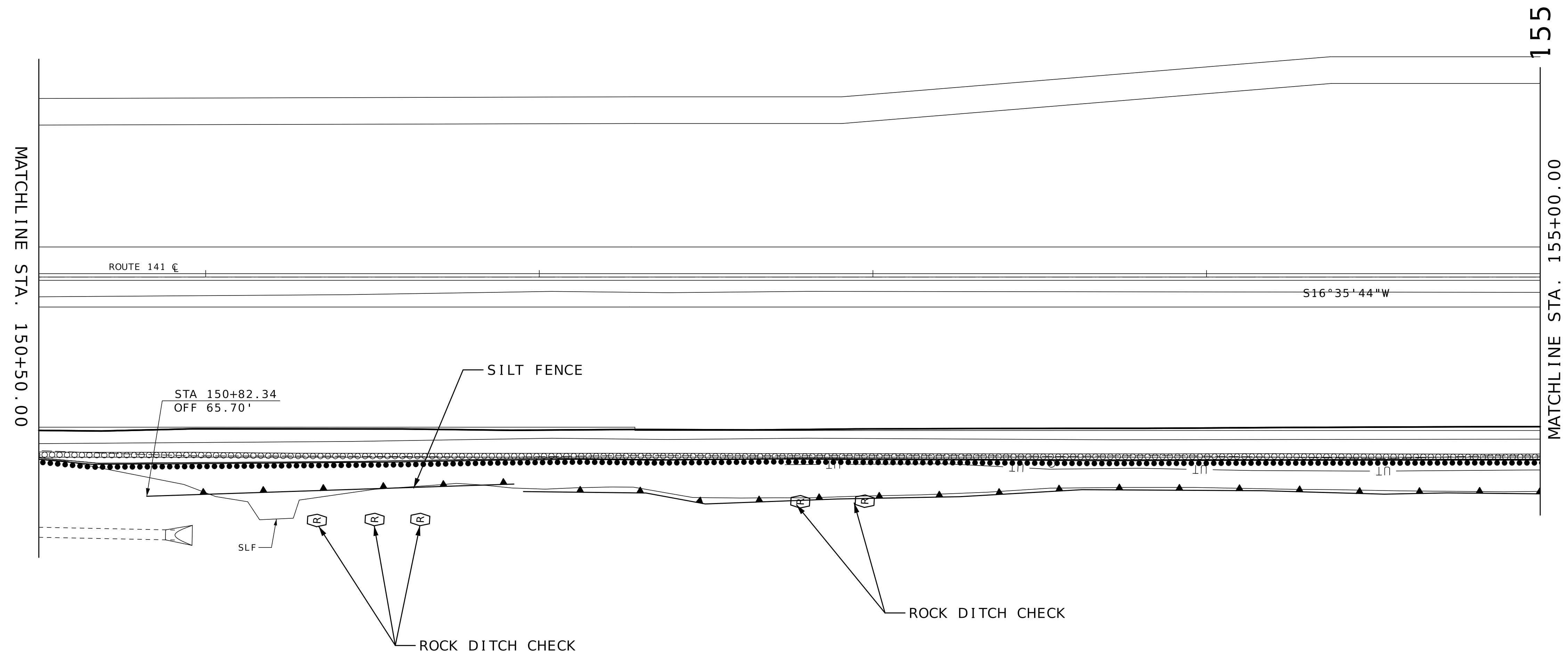
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

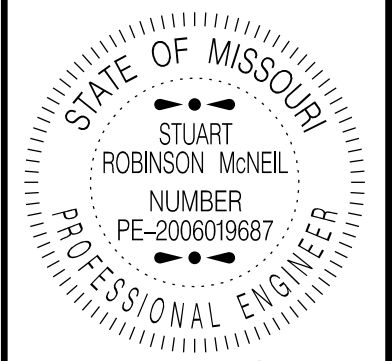


105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

DRAINAGE & EROSION CONTROL



TEMPORARY EROSION CONTROL LEGEND	
	ROCK DITCH CHECK
	SILT FENCE



DATE PREPARED
11/6/2024

ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 46

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

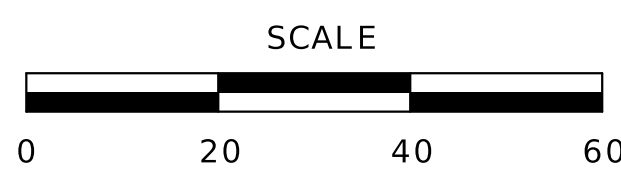
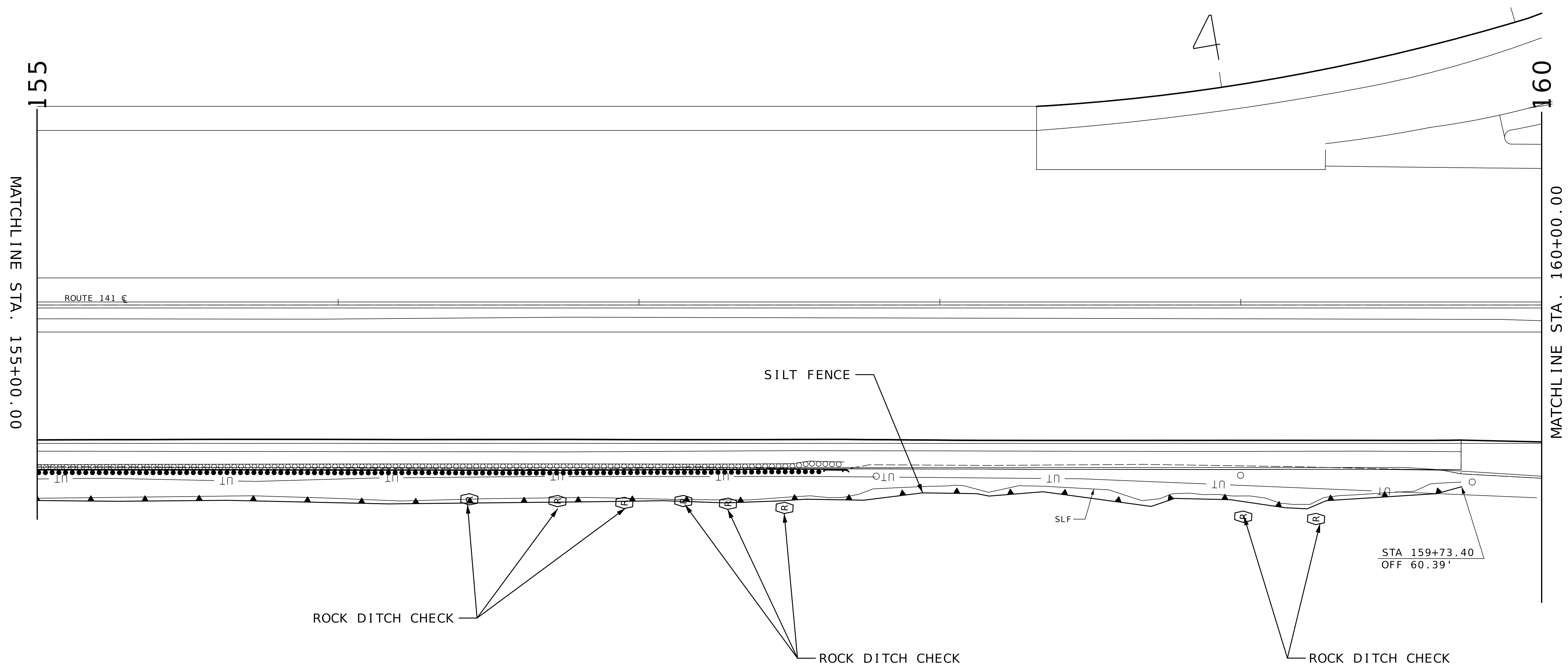
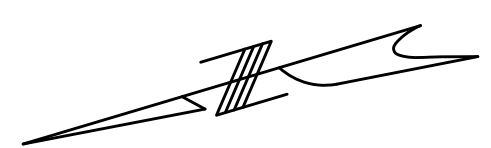
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DATE	DESCRIPTION

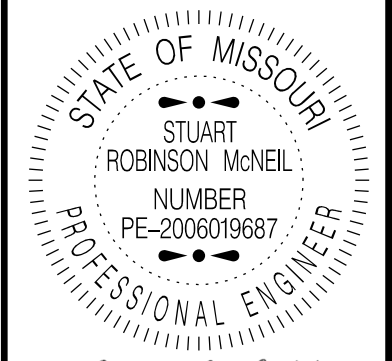
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DRAINAGE & EROSION CONTROL



TEMPORARY EROSION CONTROL LEGEND	
	ROCK DITCH CHECK
	SILT FENCE



DATE PREPARED
11/6/2024

ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 47

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

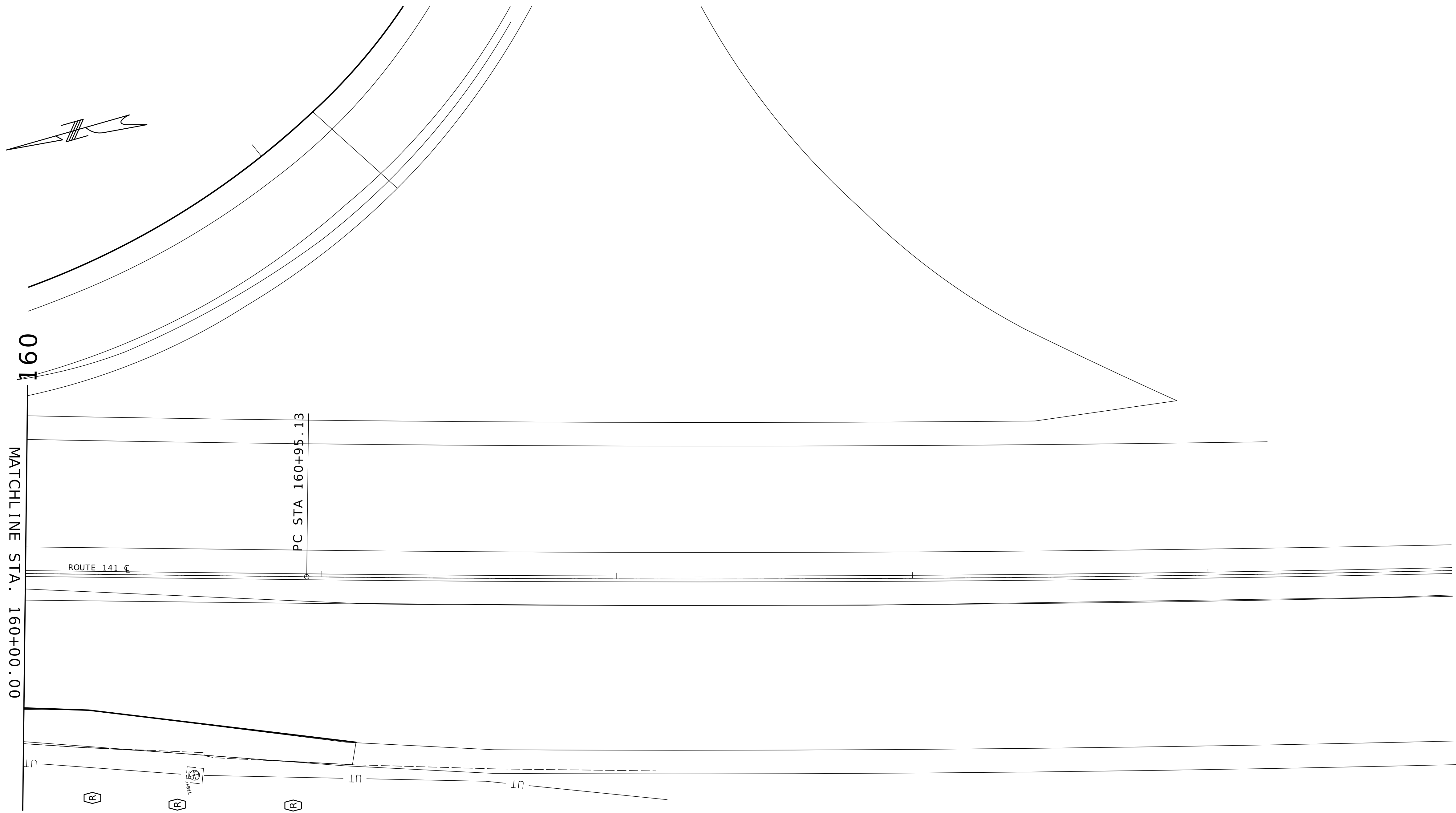
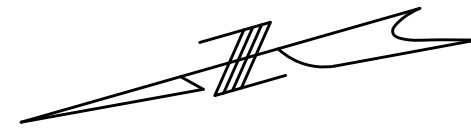
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DRAINAGE & EROSION CONTROL



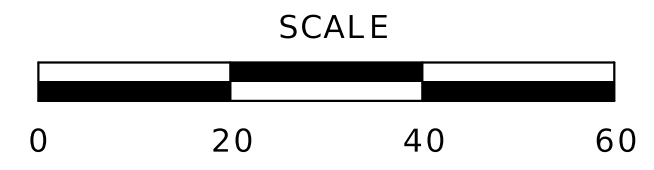
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MATCHLINE STA. 160+00.00

PC STA 160+95.13

ROUTE 141 C

(R) (R) (R)

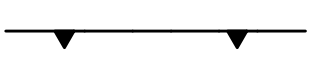
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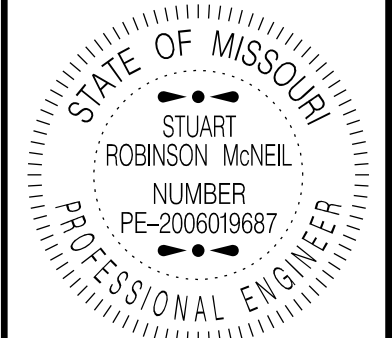
TEMPORARY EROSION CONTROL LEGEND



ROCK DITCH CHECK



SILT FENCE



STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
12/3/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 48

COUNTY ST. LOUIS

JOB NO. JSL0121

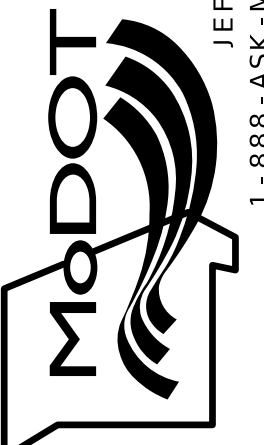
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PROJECT NO.

BRIDGE NO.

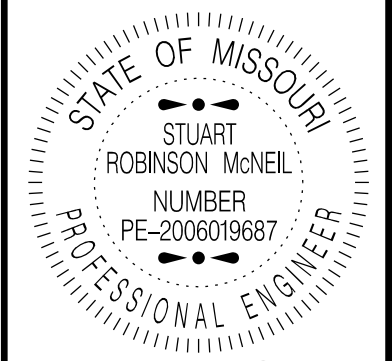
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

DRAINAGE &
EROSION CONTROL

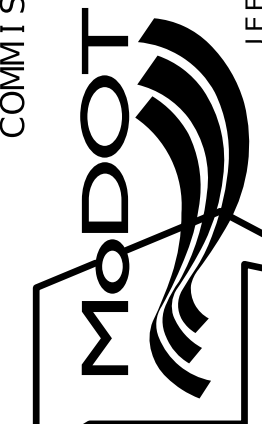


STUART ROBINSON McNEIL - CIVIL
 MO-PE-2006019687
 DATE PREPARED
 11/6/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	49
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

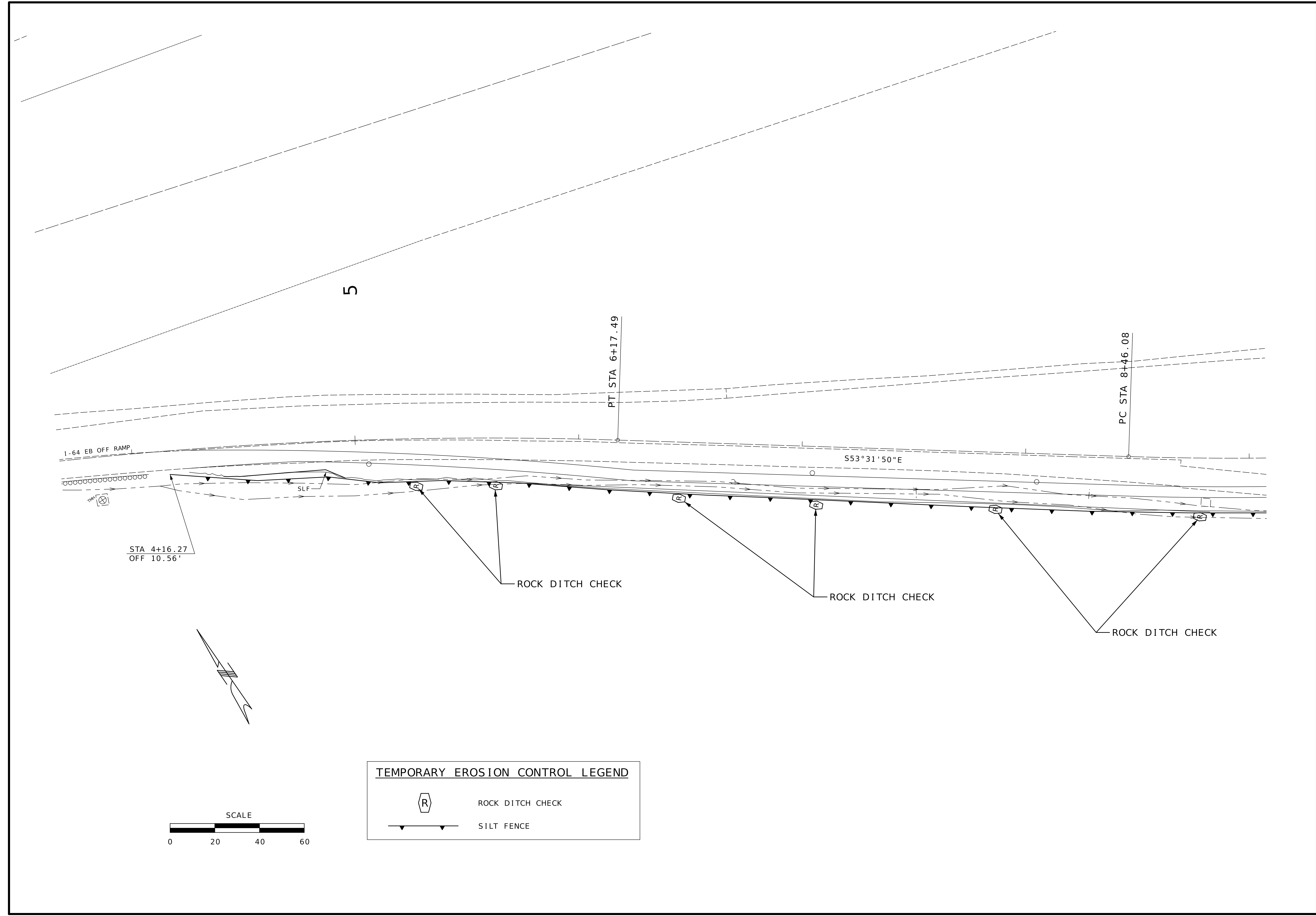
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

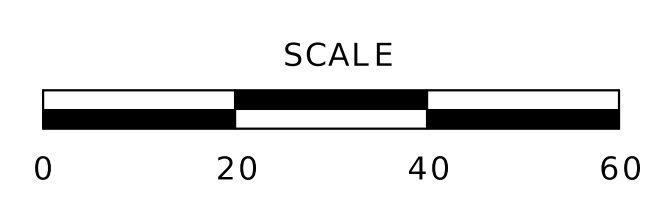


105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)


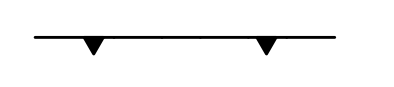
DRAINAGE & EROSION CONTROL
 EB RAMP



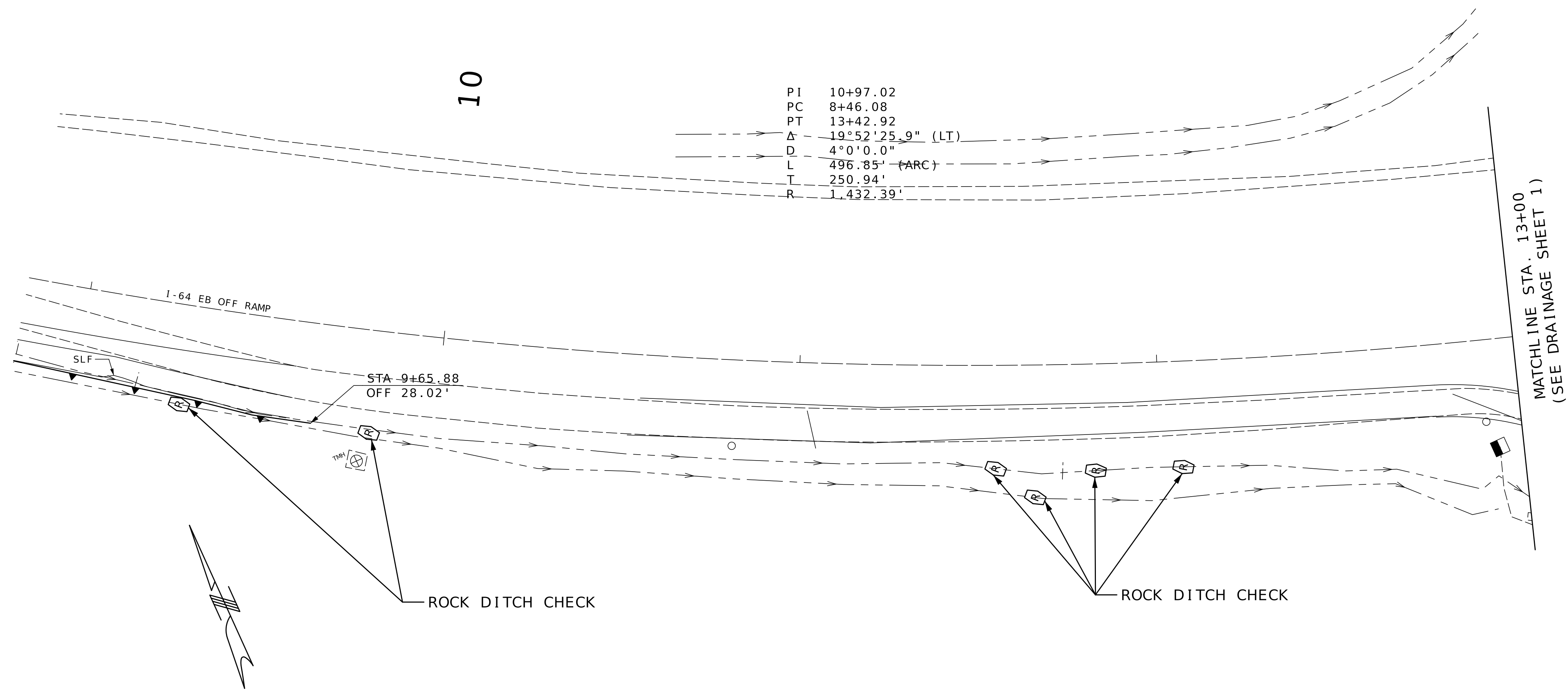
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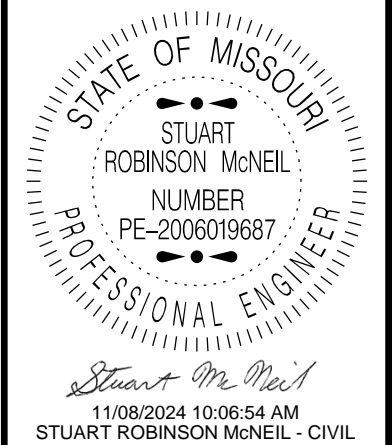
TEMPORARY EROSION CONTROL LEGEND

	ROCK DITCH CHECK
	SILT FENCE

TEMPORARY EROSION CONTROL LEGEND	
	ROCK DITCH CHECK
	SILT FENCE



PI 10+97.02
 PC 8+46.08
 PT 13+42.92
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 T 250.94'
 R 1,432.39'



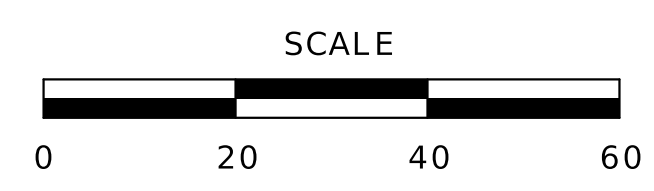
DATE PREPARED 11/6/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 50
COUNTY ST. LOUIS	
JOB NO. JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

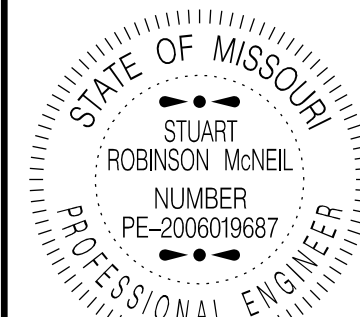
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DRAINAGE & EROSION CONTROL
EB RAMP





STUART ROBINSON MCNEIL
 NUMBER PE-2006019687
 PROFESSIONAL ENGINEER

DATE PREPARED
 11/6/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 51

COUNTY ST. LOUIS

JOB NO. JSL0121

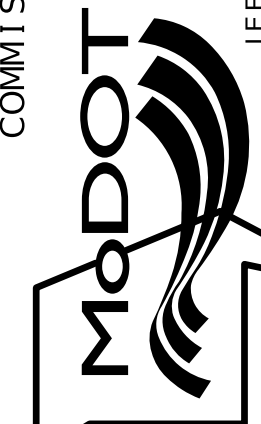
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

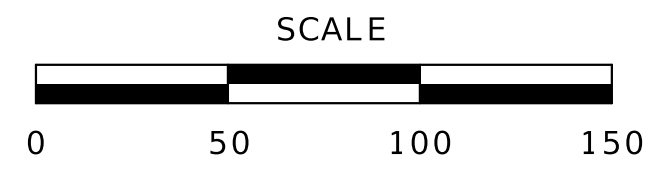
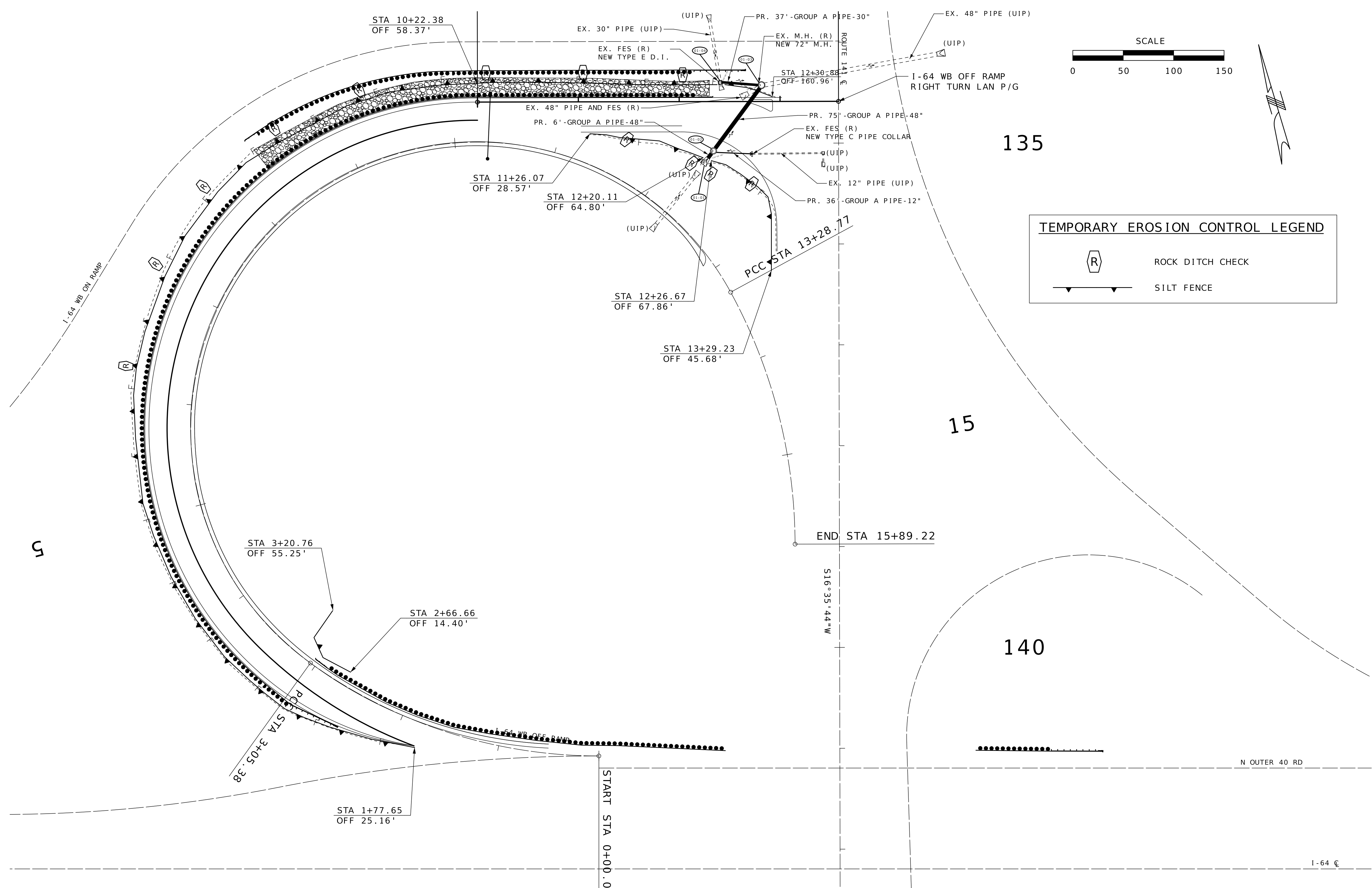
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION


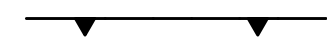


105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

DRAINAGE & EROSION CONTROL
 WB RAMP



TEMPORARY EROSION CONTROL LEGEND

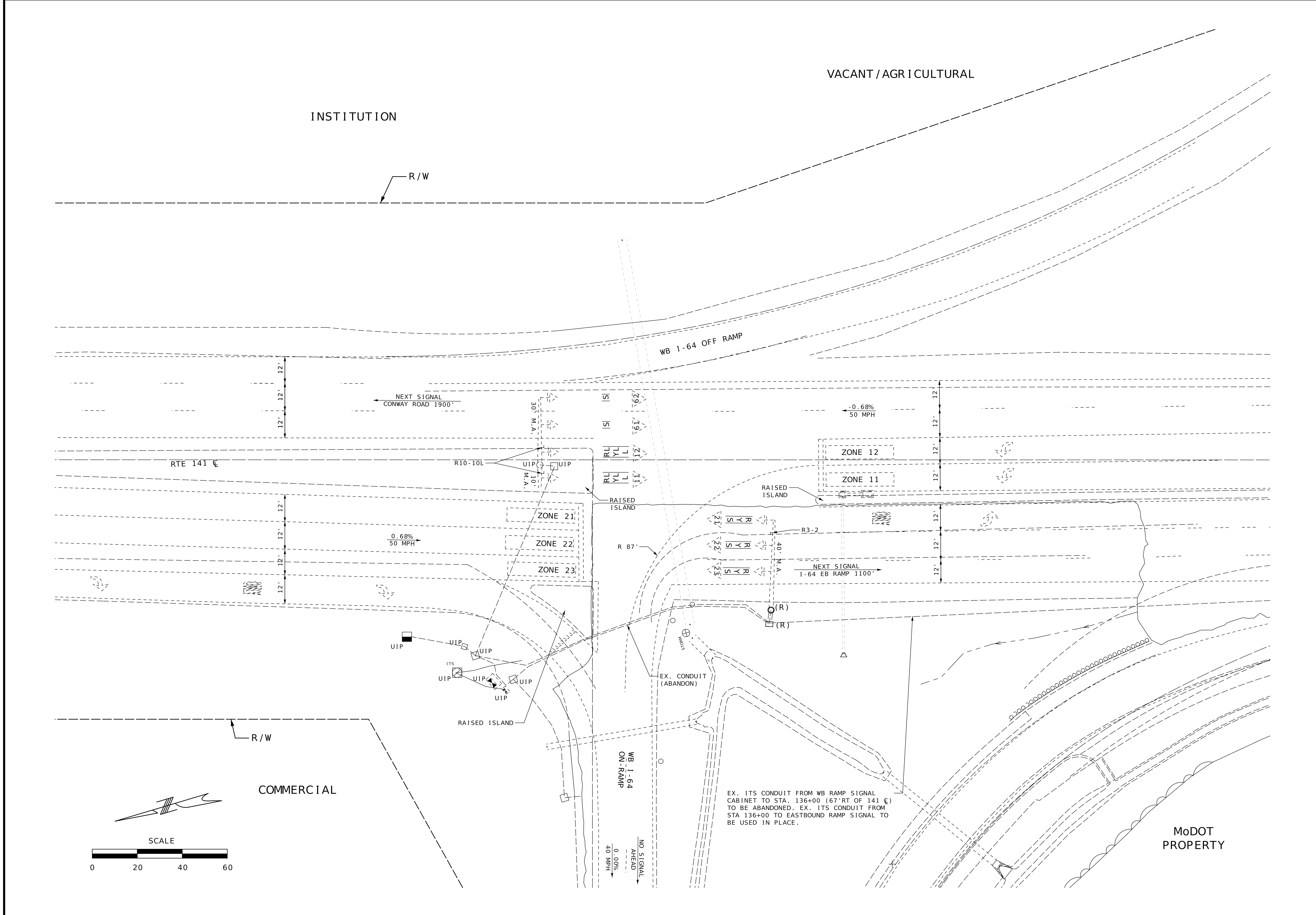
-  ROCK DITCH CHECK
-  SILT FENCE

135

15

140

I-64

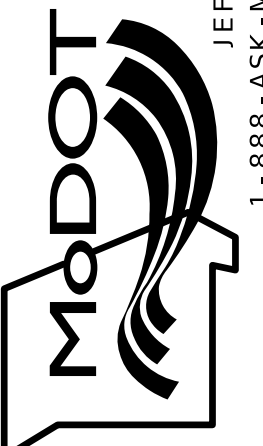


STATE OF MISSOURI
 STUART ROBINSON McNEIL
 NUMBER PE-2006019687
 PROFESSIONAL ENGINEER

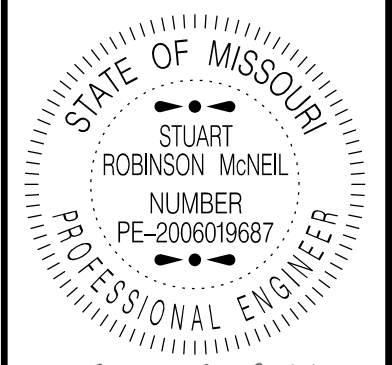
DATE PREPARED 11/6/2024
 ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 52
 COUNTY ST. LOUIS
 JOB NO. JSL0121
 CONTRACT ID.

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
RTE 141 @ I-64 WB
RAMPS EXISTING



Stuart McNeil
11/08/2024 10:11:12 AM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/6/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 54

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

Main table with columns: LOCATION (Approach, Station, Offset), BASE (A, F, C, Concrete), PULL BOX (Class, Standard, Double), POST (Type C & CL, Type B & BL), and LUMINAIRE BRACKET ARM* (4 FT to 15 FT). Includes a SUBTOTAL and TOTAL row at the bottom.

SIGNAL HEADS table with columns: SPAN NUMBER, POST NUMBER, FACE NUMBER, LUMINAIRE 150W SODIUM, INDICATIONS * (12" LENS CONVENTIONAL, 12" LENS OPTICAL LIMITING), VISORS * (12" LENS, PED.), LOUVERS * (A-F), BACKPLATE * (LENSES 1-5), RETROREFLECTIVE BACKPLATE * (LENSES 1-5), BRACKET * (TYPE I-III), ONE-FACE SECTION (1-5), TWO-FACE SECTIONS (11-45).

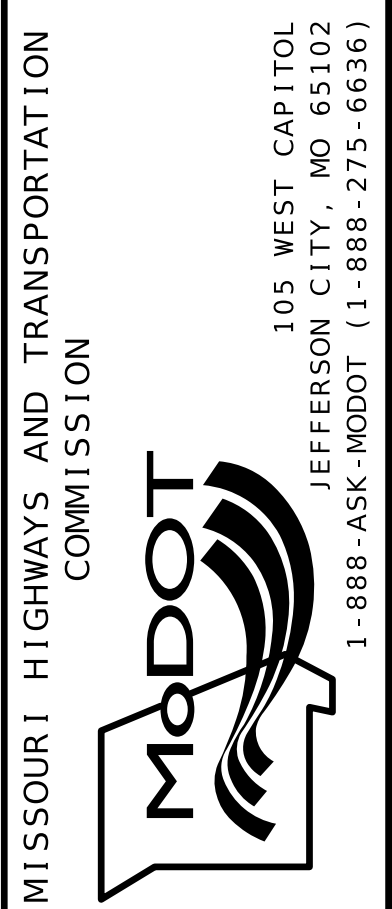
Summary table for signal heads with rows: SUBTOTAL OPTICALLY LIMITED, SUBTOTAL CONVENTIONAL, SUBTOTAL COMBINATION OL & CONV, TOTAL OPTICALLY LIMITED, TOTAL CONVENTIONAL, TOTAL COMBINATION OL & CONV.

REMARKS
ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.
* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.
SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

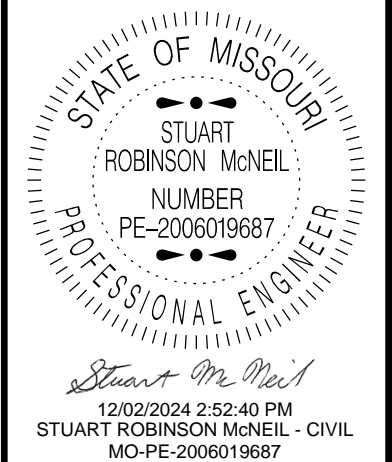
LEGEND
T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

I-64 WB ON/OFF RAMPS @ ROUTE 141
INTERSECTION

DESCRIPTION and DATE columns for the project details.



SIGNAL SHEET
RTE 141 @ I-64
RAMPS D-37A
D-37A



DATE PREPARED

11/19/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 55

COUNTY ST. LOUIS

JOB NO. JSL0121

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)

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

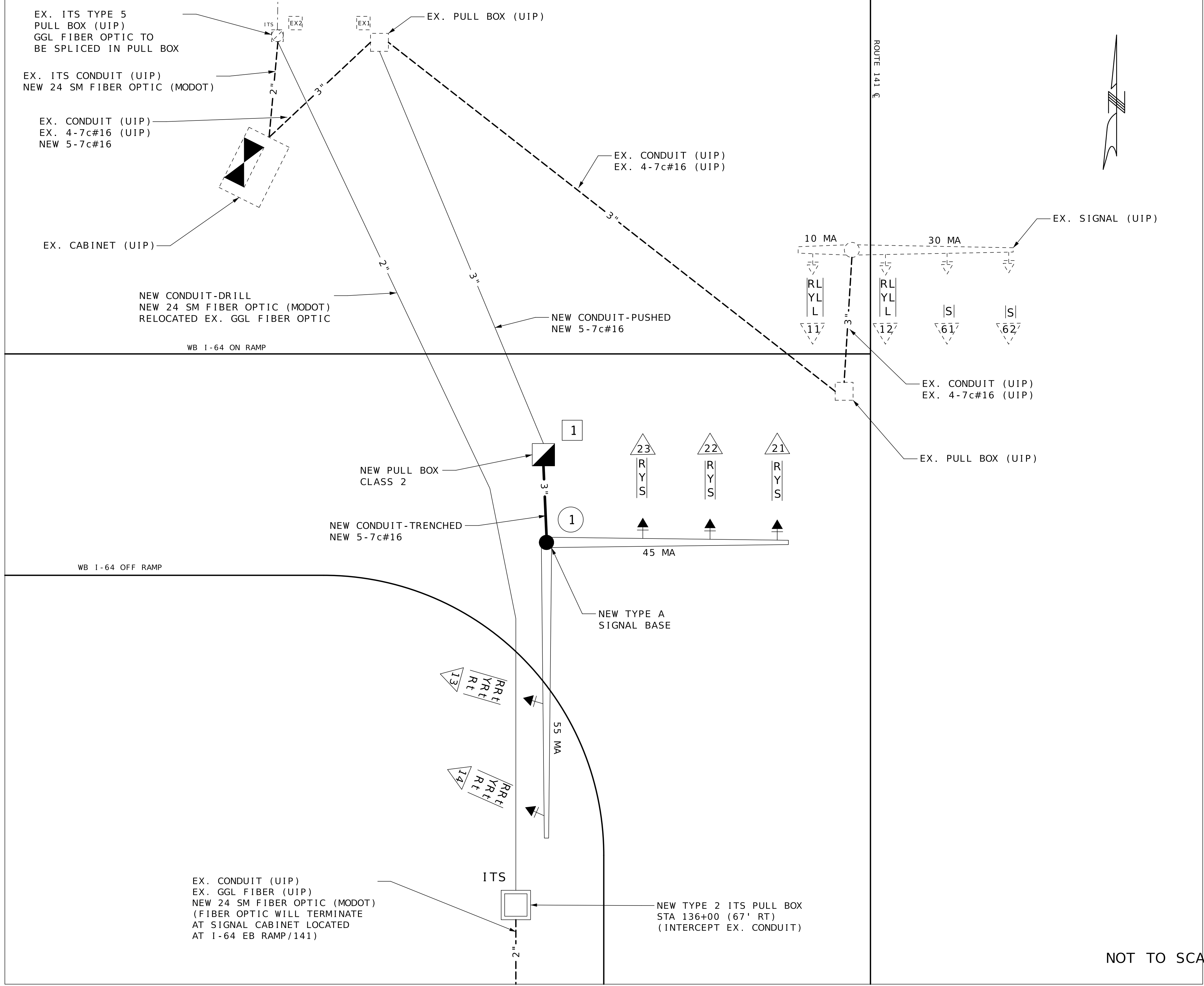
CONDUIT (WITH #14 TRACER WIRE)

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	CONDUIT (WITH #14 TRACER WIRE)						REMARKS	FROM	TO	CENTER TO CENTER DISTANCE	CABLE					REMARKS								
			TRENCH		PUSHED		MEDIAN						ON STRUCTURE		POWER	CONTROL			CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		
			1"	2"	3"	4"	2"	3"					4"	2"	3"		2c #16		5c #16	7c #16	3c #16	3 PAIR #16	CONTROL	POLE & BRACKET	1c #14 IN DUCT	2c #14 LEAD-IN CABLE
EX1	1	105									131															
1	1	14		17							131															
											131															
EX2	2	246									131															
											131															
											1330												1460		MODOT ITS FIBER	
											290												350		GGL FIBER	
SUBTOTALS				17																				73		5% FOR SNAKING
TOTALS				17																				1533	350	

* ITS 2" CONDUIT, HDPE, DRILLED.

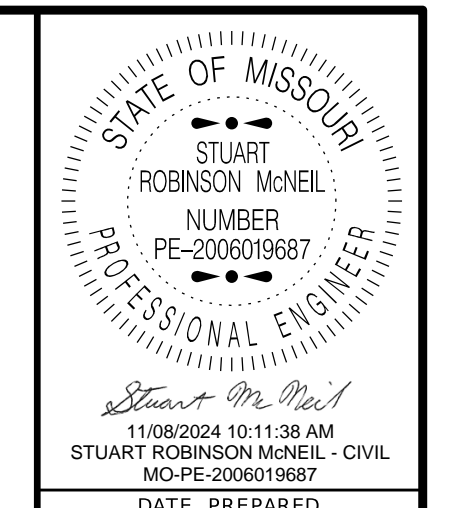
WIRING DIAGRAM



NOT TO SCALE

LEGEND

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



DATE PREPARED	11/6/2024
ROUTE	141
STATE	MO
DISTRICT	SL
SHEET NO.	57
COUNTY	ST. LOUIS
JOB NO.	JSL0121
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

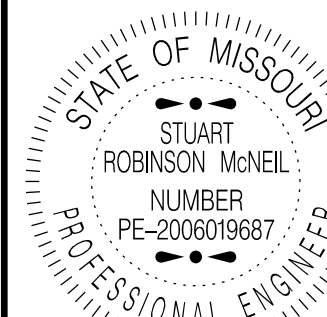
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
RTE 141 @ I-64 WB
RAMPS D-37D

I-64 WB ON/OFF RAMPS @ ROUTE 141
INTERSECTION

D-37D



STUART ROBINSON McNEIL
 11/08/2024 10:12:23 AM
 STUART ROBINSON McNEIL - CIVIL
 MO-PE-2006019687

DATE PREPARED
 11/6/2024
 ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 58
 COUNTY ST. LOUIS
 JOB NO. JSL0121
 CONTRACT ID.

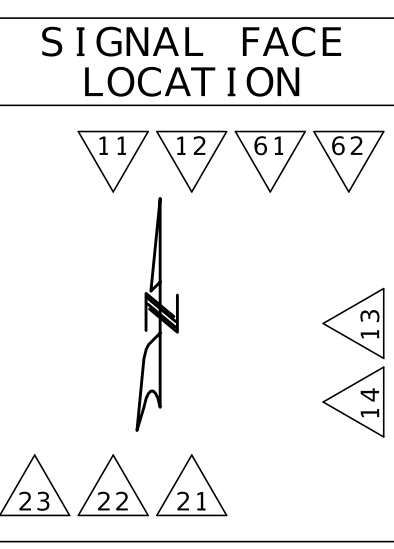
PROJECT NO.
 BRIDGE NO.

DESCRIPTION	DATE

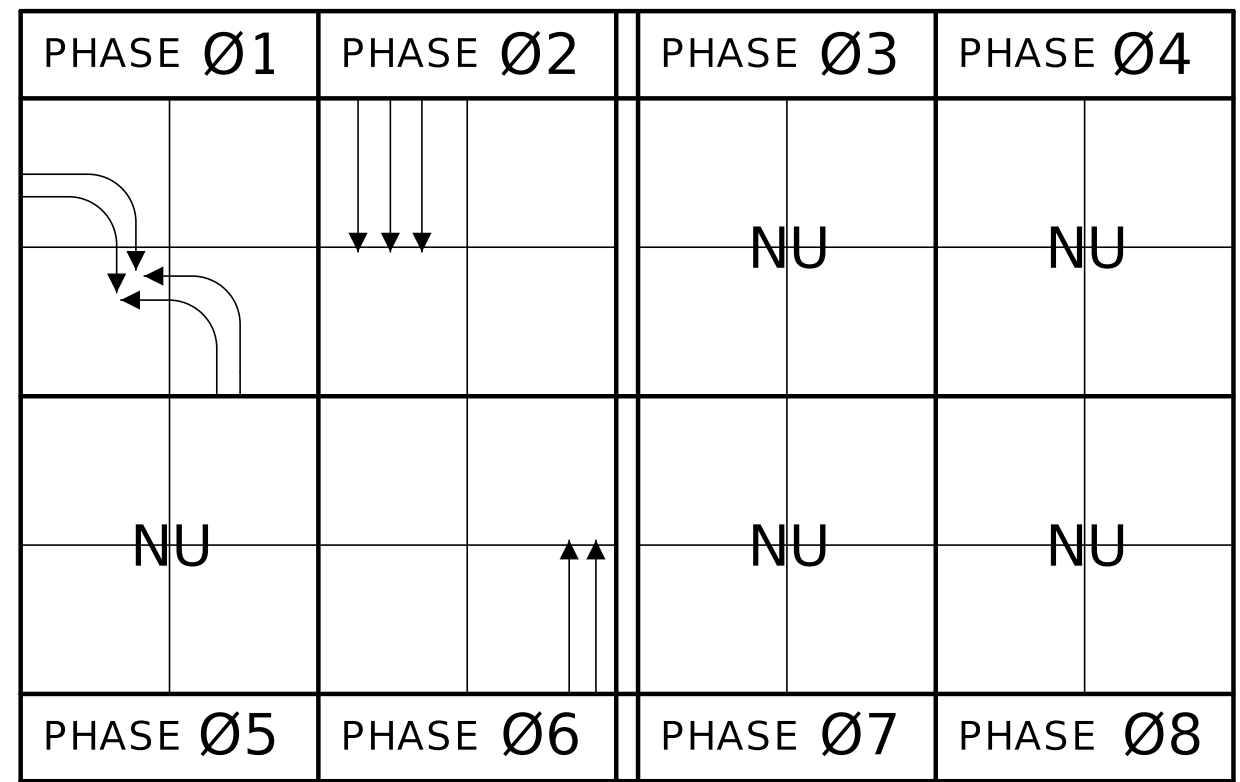
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
 RTE 141 @ I-64 WB
 RAMPS D-38A



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS																																		
PHASE	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø	PED Ø			
FACE NUMBERS	13	14	11	12	21	22	23								61	62																		
SIGNAL INDICATIONS	R	Rt	Rt	Lt	Lt	R	R	R																										
	Y	Rt	Rt	Lt	Lt	Y	Y	Y																										
	FYA	Rt	Rt	Lt	Lt	S	S	S							S	S																		
DETECTOR ASSIGNMENTS	13	14	11	12																														
DETECTOR ASSIGNMENTS (PEDS. ONLY)																																		
OVERLAP PARENT PHASES																																		



RING STRUCTURE

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.

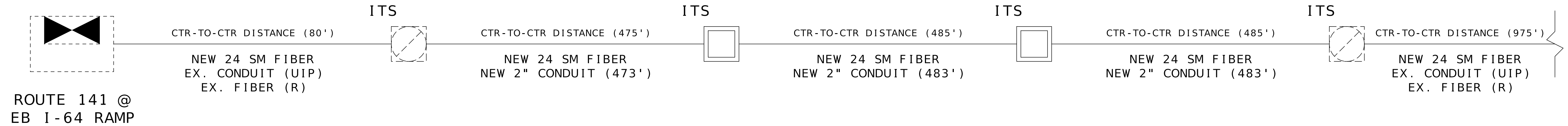
LEGEND

- 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
- 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

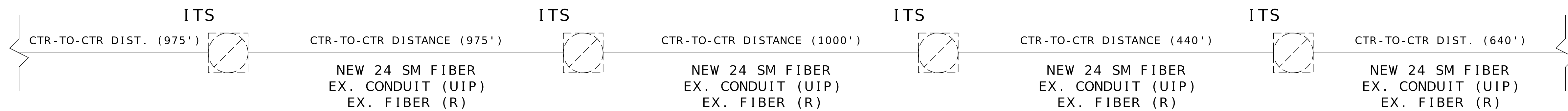
FLASHING OPERATION	
ROUTE 141	FR
I-64 WB ON/OFF RAMPS	FR
CONTROLLER TYPE	ATC

TRAFFIC SIGNAL CONTROL OPERATION	
INTERSECTION OF ROUTE 141	
WITH WB I-64 ON/OFF RAMPS	

SB ROUTE 141 →



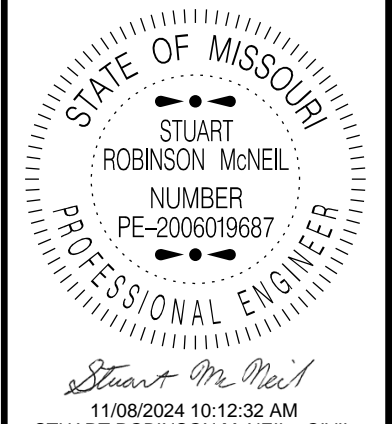
SB ROUTE 141 →



SB ROUTE 141 →



NOT TO SCALE



DATE PREPARED
11/6/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	59

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

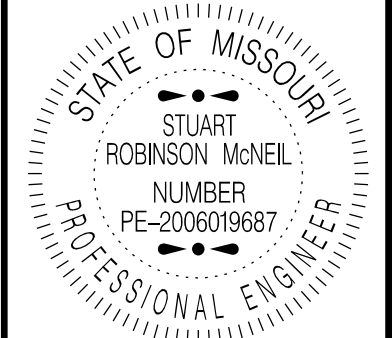
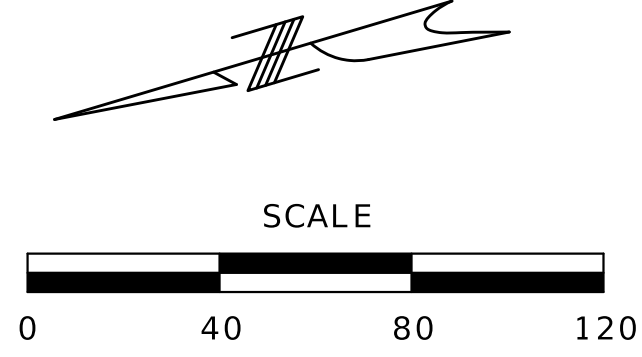
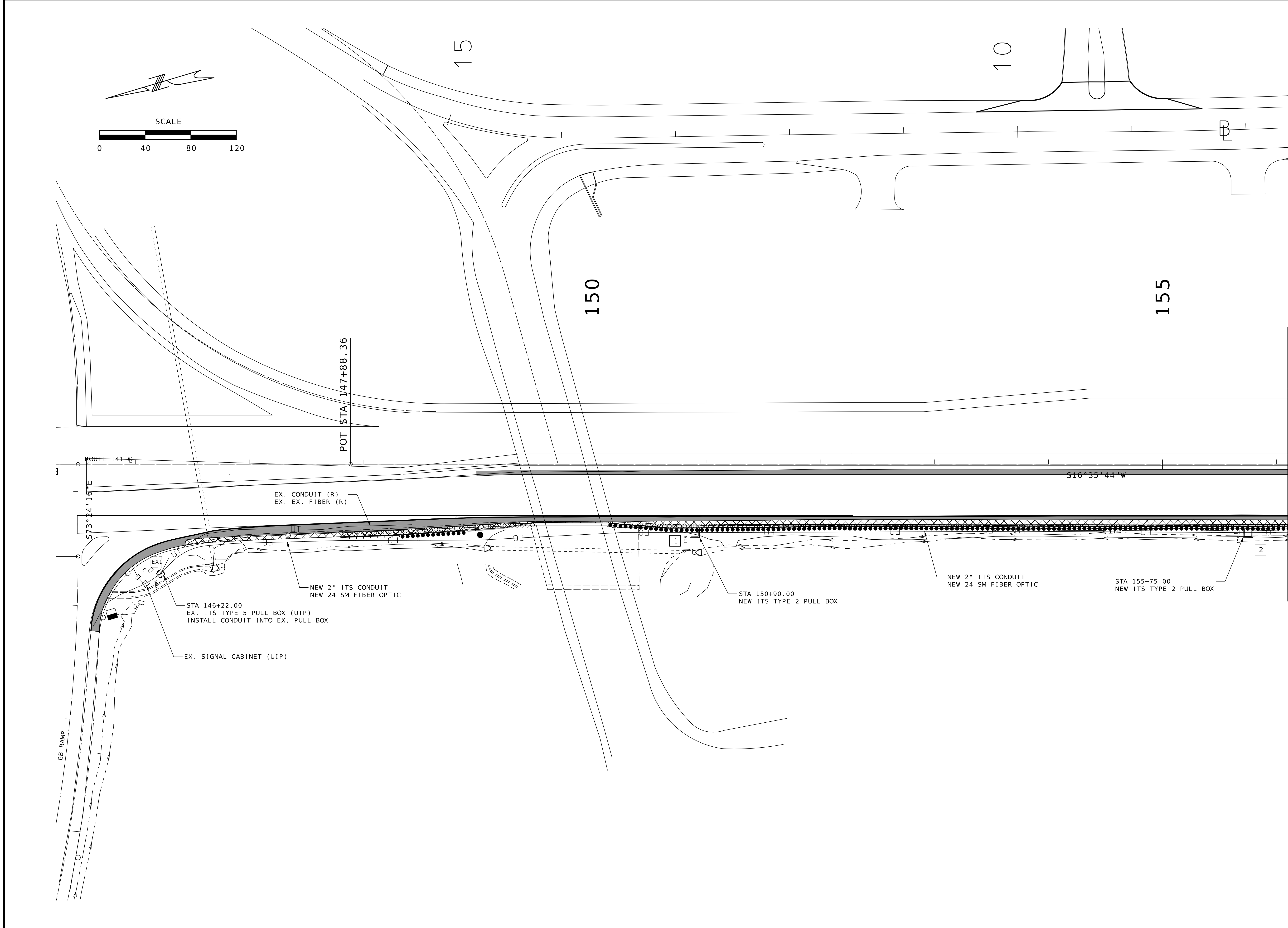
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ITS SHEET
SB ROUTE 141
ITS LAYOUT



11/08/2024 10:12:53 AM
 STUART ROBINSON MANIEL - CIVIL
 MO-PE-2006019687

DATE PREPARED
11/6/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	60

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

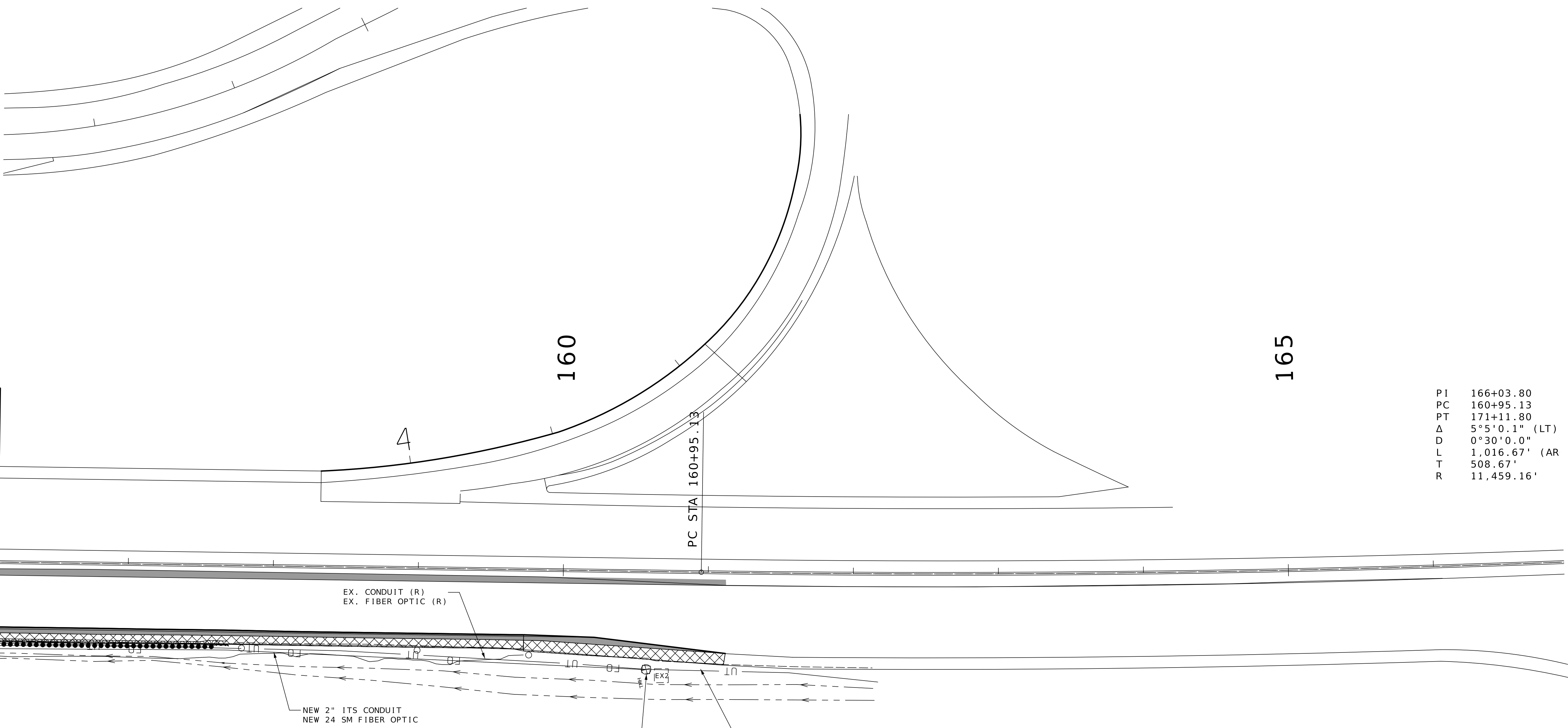
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ITS SHEET
SB ROUTE 141

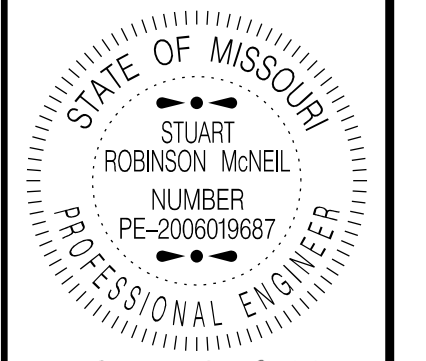
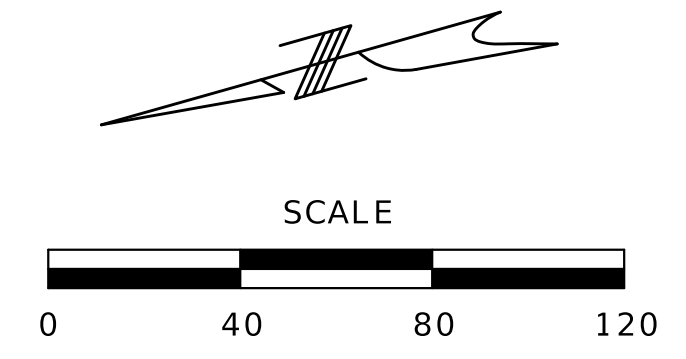
MATCHLINE STA. 156+10.00



STA 106+58.00
 EX. ITS TYPE 5 PULL BOX
 INSTALL CONDUIT INTO EX. PULL BOX

PC STA 160+95.13

PI 166+03.80
 PC 160+95.13
 PT 171+11.80
 Δ 5°5'0.1" (LT)
 D 0°30'0.0"
 L 1,016.67' (AR)
 T 508.67'
 R 11,459.16'



DATE PREPARED
 11/6/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	61

COUNTY
 ST. LOUIS

JOB NO.
 JSL0121

CONTRACT ID.

PROJECT NO.

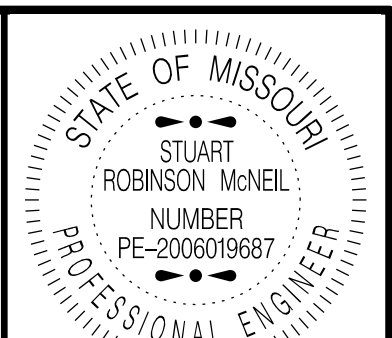
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ITS SHEET
 SB ROUTE 141

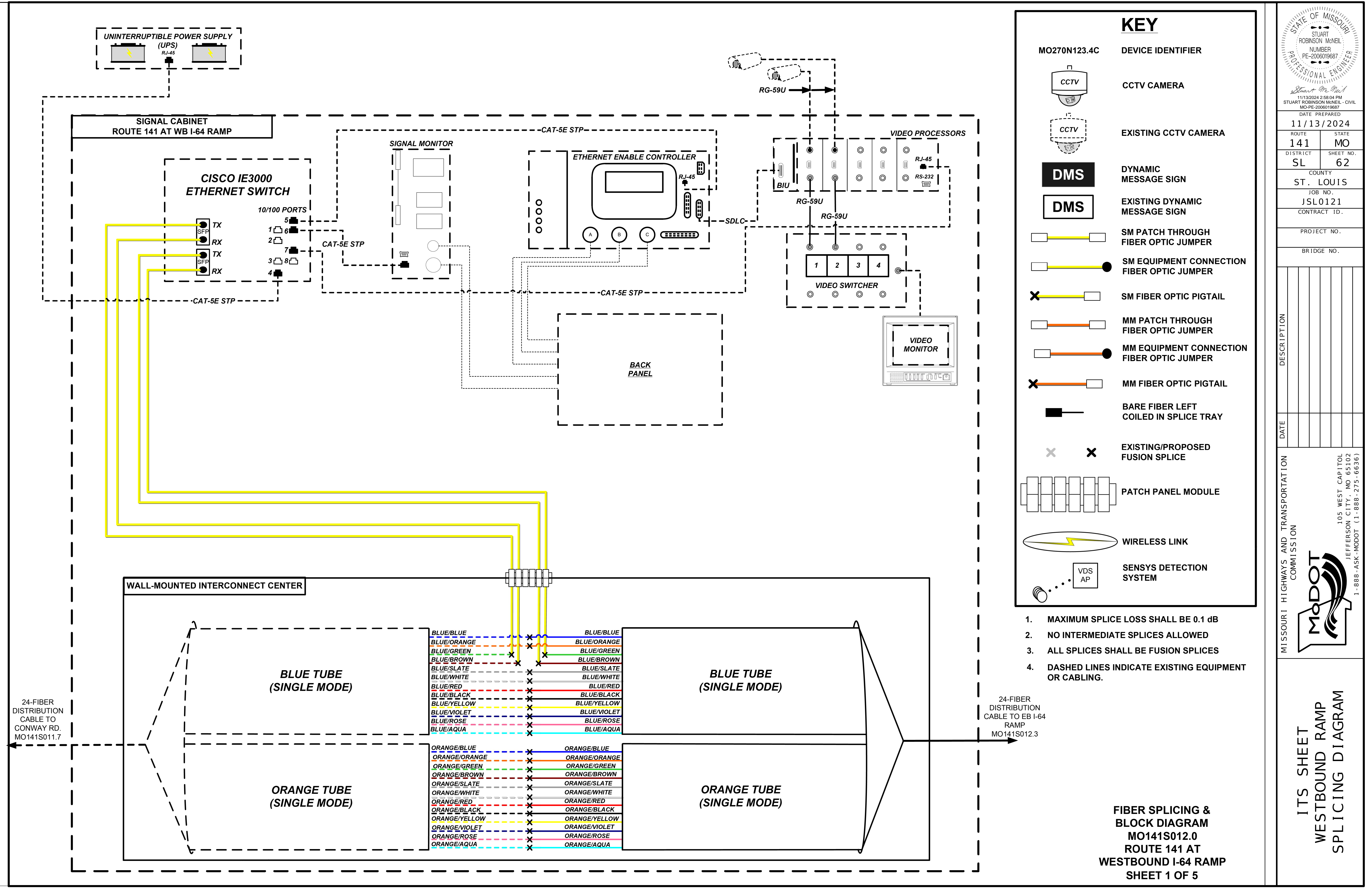


STUART ROBINSON MCNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
DATE PREPARED 11/13/2024
ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 62
COUNTY ST. LOUIS
JOB NO. JSL0121
CONTRACT ID.

DESCRIPTION	DATE

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

ITS SHEET
WESTBOUND RAMP
SPlicing DIAGRAM
FIBER SPLICING & BLOCK DIAGRAM
MO141S012.0
ROUTE 141 AT WESTBOUND I-64 RAMP
SHEET 1 OF 5



KEY

MO270N123.4C DEVICE IDENTIFIER

CCTV CCTV CAMERA

CCTV EXISTING CCTV CAMERA

DMS DYNAMIC MESSAGE SIGN

DMS EXISTING DYNAMIC MESSAGE SIGN

SM PATCH THROUGH FIBER OPTIC JUMPER

SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER

SM FIBER OPTIC PIGTAIL

MM PATCH THROUGH FIBER OPTIC JUMPER

MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER

MM FIBER OPTIC PIGTAIL

BARE FIBER LEFT COILED IN SPLICE TRAY

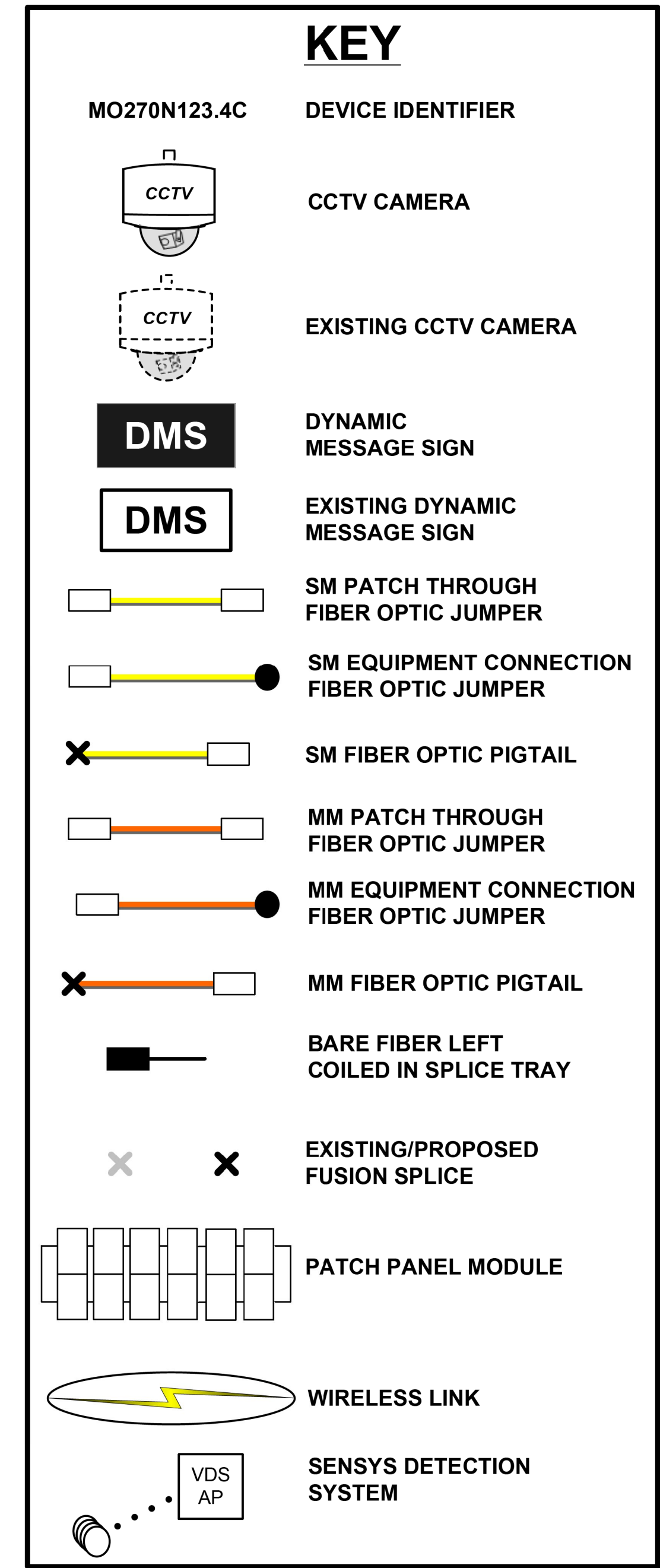
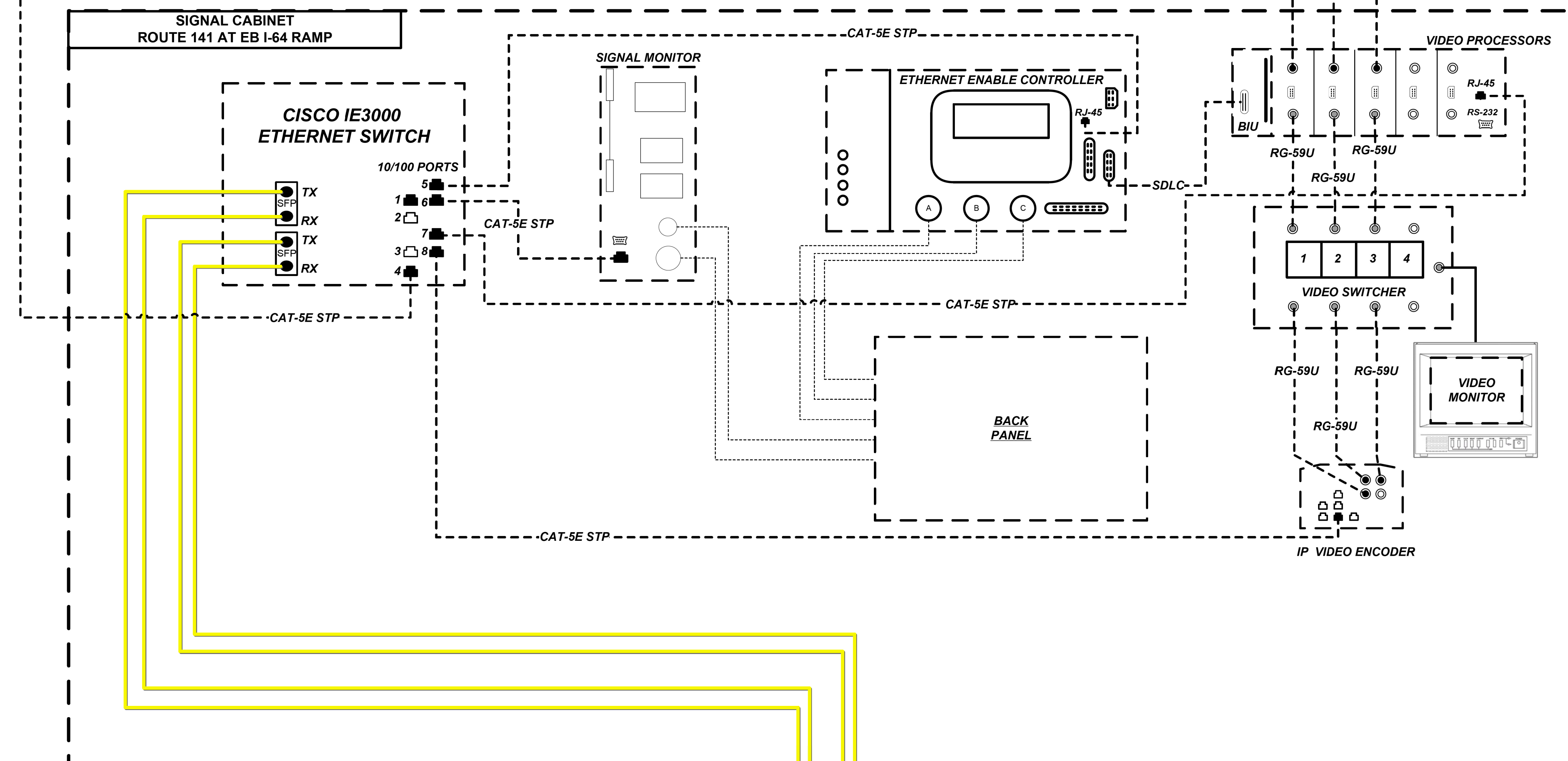
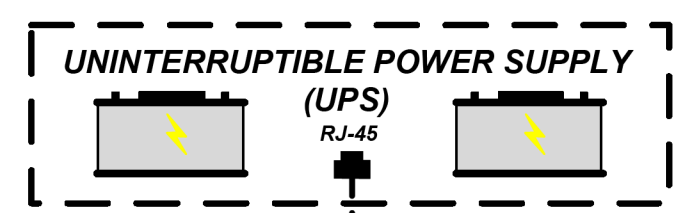
EXISTING/PROPOSED FUSION SPLICE

PATCH PANEL MODULE

WIRELESS LINK

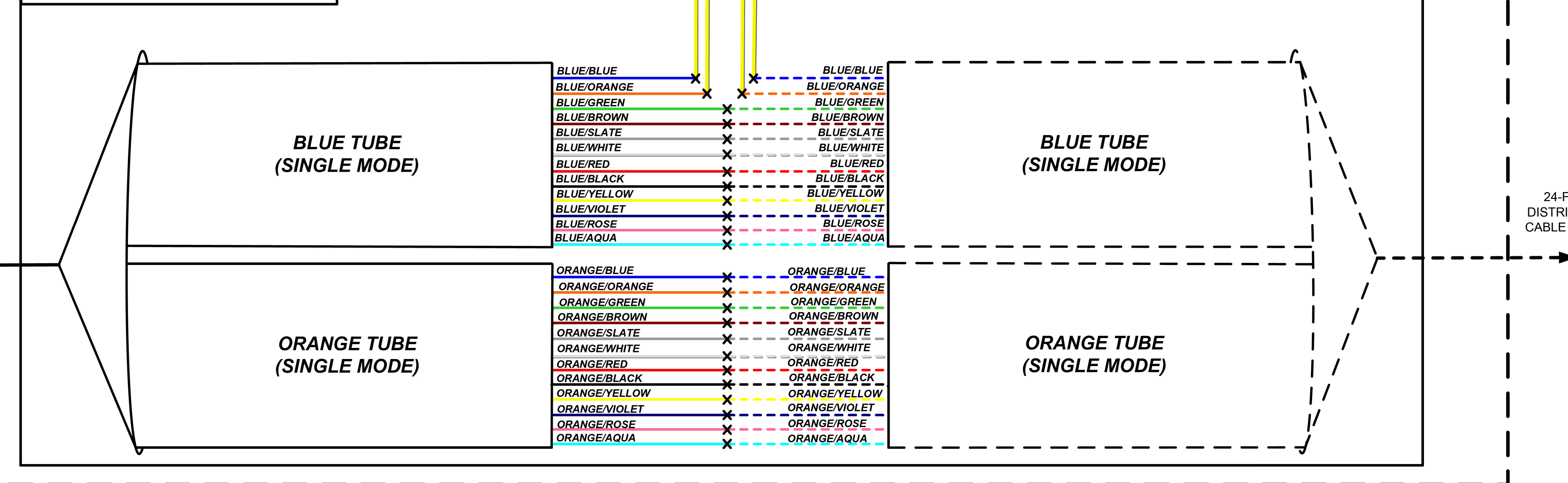
SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.



1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

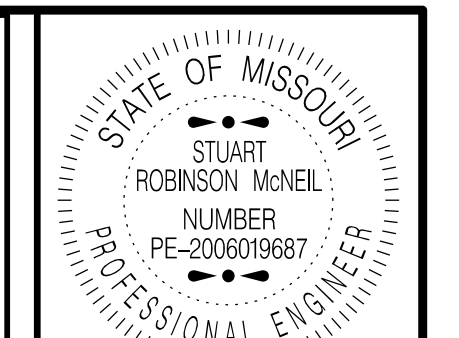
WALL-MOUNTED INTERCONNECT CENTER



24-FIBER DISTRIBUTION CABLE TO WB I-64 RAMP MO141S012.0

24-FIBER DISTRIBUTION CABLE TO TMC

FIBER SPLICING & BLOCK DIAGRAM
MO141S012.3
ROUTE 141 AT EASTBOUND I-64 RAMP
SHEET 2 OF 5



DATE PREPARED 11/13/2024
ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 63
COUNTY ST. LOUIS
JOB NO. JSL0121
CONTRACT ID.

DESCRIPTION	DATE

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

ITS SHEET EASTBOUND RAMP SPLICING DIAGRAM

DATE	DESCRIPTION

KEY

MO270N123.4C DEVICE IDENTIFIER

CCTV CAMERA

EXISTING CCTV CAMERA

DMS DYNAMIC MESSAGE SIGN

EXISTING DYNAMIC MESSAGE SIGN

SM PATCH THROUGH FIBER OPTIC JUMPER

SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER

SM FIBER OPTIC PIGTAIL

MM PATCH THROUGH FIBER OPTIC JUMPER

MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER

MM FIBER OPTIC PIGTAIL

BARE FIBER LEFT COILED IN SPLICE TRAY

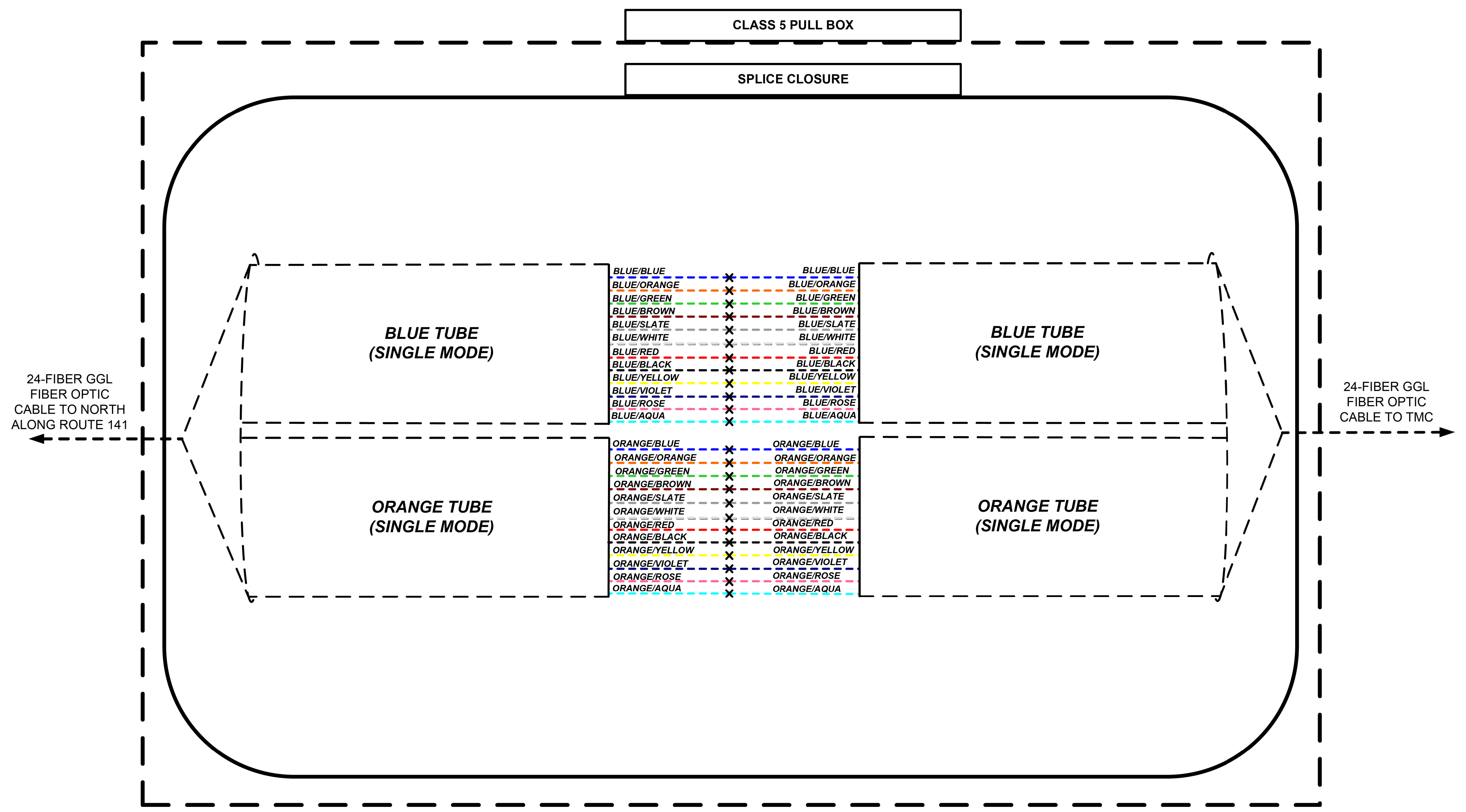
EXISTING/PROPOSED FUSION SPLICE

PATCH PANEL MODULE

WIRELESS LINK

SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

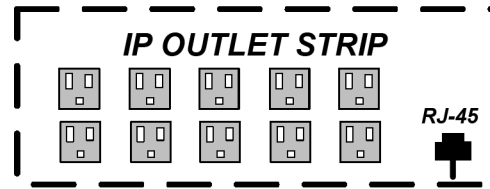
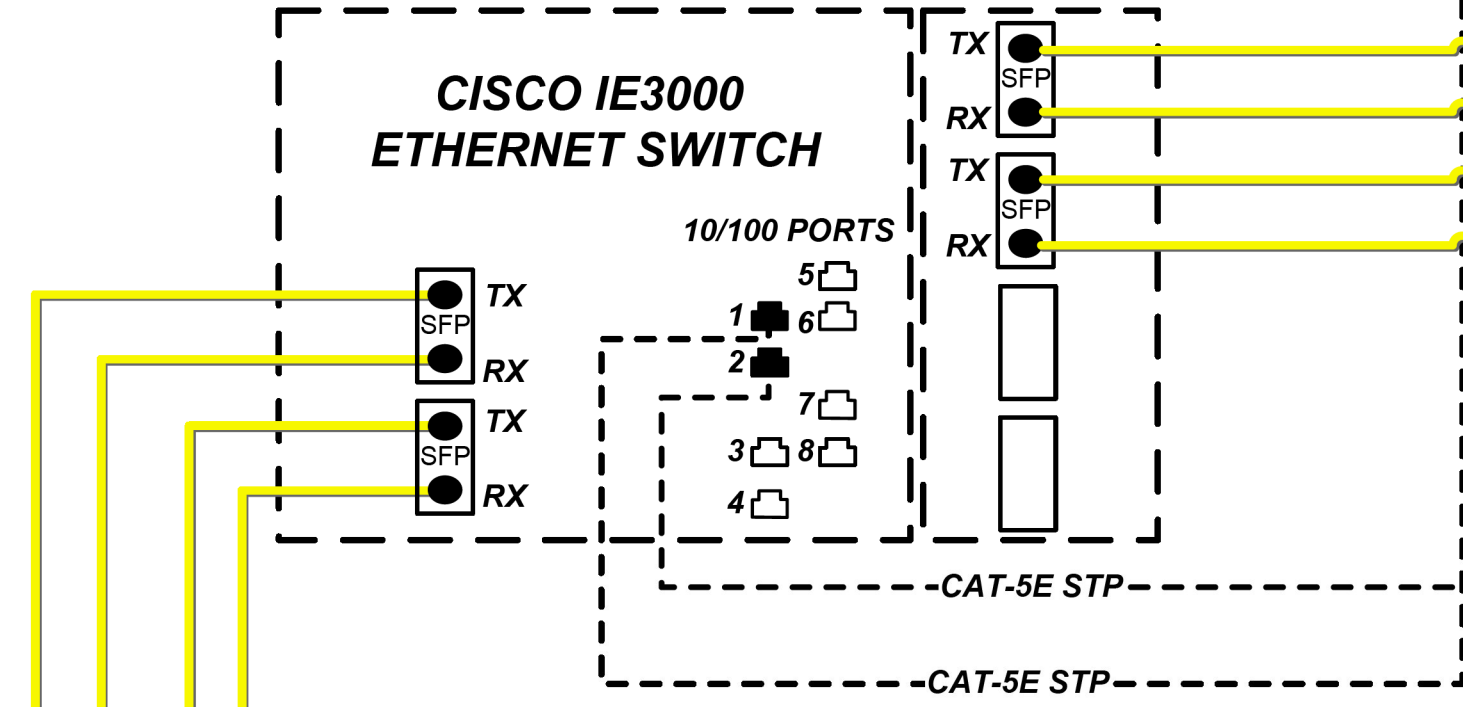


**FIBER SPLICING & BLOCK DIAGRAM
GGL SPLICE / CLASS 5 PULL BOX
ROUTE 141 AT
WESTBOUND I-64 RAMP
SHEET 3 OF 5**

FIELD TERMINAL CABINET, TYPE 7

CISCO IE3000
ETHERNET SWITCH

10/100 PORTS



RACK-MOUNTED INTERCONNECT CENTER

BLUE TUBE

- BLUE/BLUE
- BLUE/ORANGE
- BLUE/GREEN
- BLUE/BROWN
- BLUE/SLATE
- BLUE/WHITE
- BLUE/RED
- BLUE/BLACK
- BLUE/YELLOW
- BLUE/VIOLET
- BLUE/ROSE
- BLUE/AQUA

BLUE TUBE
(SINGLE MODE)

- BLUE/BLUE
- BLUE/ORANGE
- BLUE/GREEN
- BLUE/BROWN
- BLUE/SLATE
- BLUE/WHITE
- BLUE/RED
- BLUE/BLACK
- BLUE/YELLOW
- BLUE/VIOLET
- BLUE/ROSE
- BLUE/AQUA

ORANGE TUBE

- ORANGE/BLUE
- ORANGE/ORANGE
- ORANGE/GREEN
- ORANGE/BROWN
- ORANGE/SLATE
- ORANGE/WHITE
- ORANGE/RED
- ORANGE/BLACK
- ORANGE/YELLOW
- ORANGE/VIOLET
- ORANGE/ROSE
- ORANGE/AQUA

ORANGE TUBE
(SINGLEMODE)

- ORANGE/BLUE
- ORANGE/ORANGE
- ORANGE/GREEN
- ORANGE/BROWN
- ORANGE/SLATE
- ORANGE/WHITE
- GREEN/BLUE
- GREEN/ORANGE
- GREEN/GREEN
- GREEN/BROWN
- GREEN/SLATE
- GREEN/WHITE

BLUE TUBE

- BLUE/BLUE
- BLUE/ORANGE
- BLUE/GREEN
- BLUE/BROWN
- BLUE/SLATE
- BLUE/WHITE
- BLUE/RED
- BLUE/BLACK
- BLUE/YELLOW
- BLUE/VIOLET
- BLUE/ROSE
- BLUE/AQUA

BLUE TUBE
(SINGLE MODE)

- BLUE/BLUE
- BLUE/ORANGE
- BLUE/GREEN
- BLUE/BROWN
- BLUE/SLATE
- BLUE/WHITE
- BLUE/RED
- BLUE/BLACK
- BLUE/YELLOW
- BLUE/VIOLET
- BLUE/ROSE
- BLUE/AQUA

ORANGE TUBE

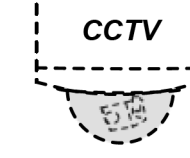
- ORANGE/BLUE
- ORANGE/ORANGE
- ORANGE/GREEN
- ORANGE/BROWN
- ORANGE/SLATE
- ORANGE/WHITE
- ORANGE/RED
- ORANGE/BLACK
- ORANGE/YELLOW
- ORANGE/VIOLET
- ORANGE/ROSE
- ORANGE/AQUA

ORANGE TUBE
(SINGLE MODE)

- ORANGE/BLUE
- ORANGE/ORANGE
- ORANGE/GREEN
- ORANGE/BROWN
- ORANGE/SLATE
- ORANGE/WHITE
- ORANGE/RED
- ORANGE/BLACK
- ORANGE/YELLOW
- ORANGE/VIOLET
- ORANGE/ROSE
- ORANGE/AQUA

24-FIBER SM DROP
CABLE NORTH TO
DMS MO141N012.6S

24-FIBER SM
DISTRIBUTION
CABLE NORTH ALONG
ROUTE 141 TO TMC



KEY

MO270N123.4C DEVICE IDENTIFIER

CCTV CAMERA

EXISTING CCTV CAMERA

DMS

EXISTING DYNAMIC MESSAGE SIGN

SM PATCH THROUGH FIBER OPTIC JUMPER

SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER

SM FIBER OPTIC PIGTAIL

MM PATCH THROUGH FIBER OPTIC JUMPER

MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER

MM FIBER OPTIC PIGTAIL

BARE FIBER LEFT COILED IN SPLICE TRAY

EXISTING/PROPOSED FUSION SPLICE

PATCH PANEL MODULE

WIRELESS LINK

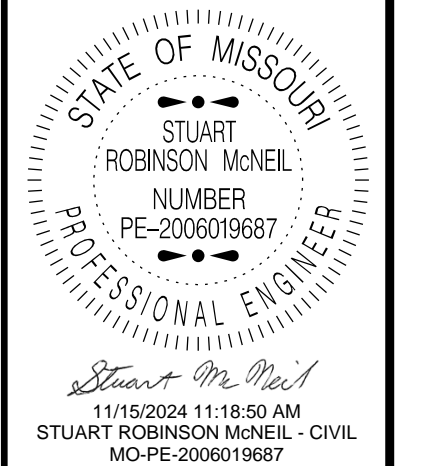
SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

EXISTING HYBRID FIBER OPTIC CABLE
NORTH TO SB RAMP/
ROUTE HH (CLAYTON
ROAD) SIGNAL
RT0HHW004.3Z

HYBRID FIBER OPTIC
CABLE SOUTH
ALONG 141 TO
MILLDALE-MANORS
WAY MO141S014.1

FIBER SPLICING &
BLOCK DIAGRAM
MO141S013.2C
ROUTE 141
N. OF CLAYTON ROAD
SHEET 5 OF 5



DATE PREPARED
11/15/2024

ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	66

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

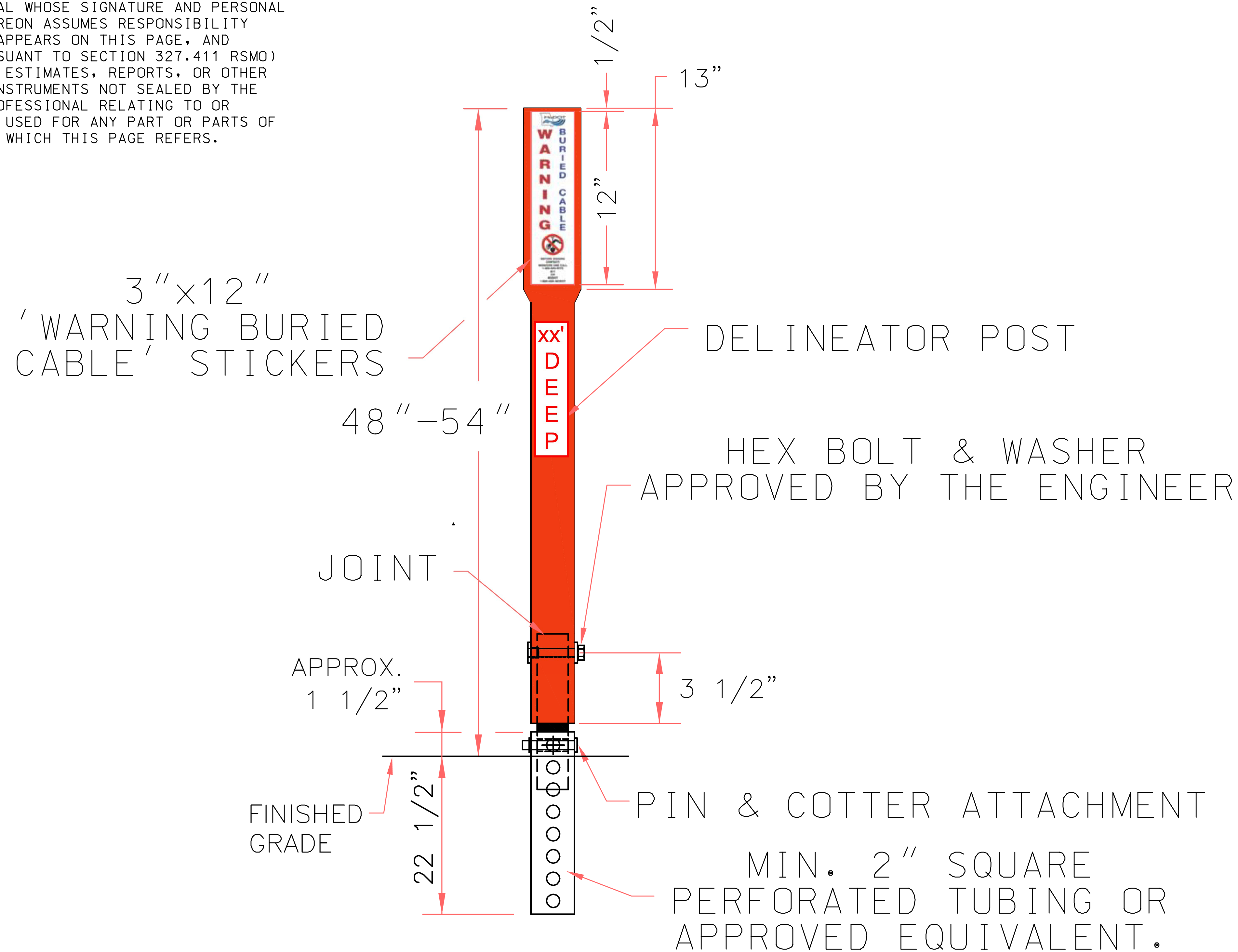
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

ITS SHEET
NORTH OF CLAYTON
SPLICING DIAGRAM

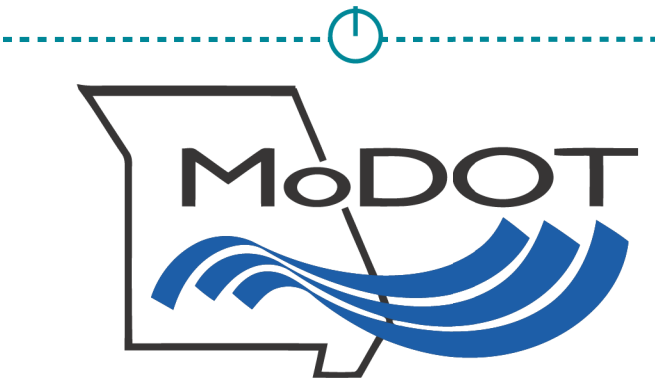
MoDOT BURIED CABLE DRIVEABLE DELINEATOR POST W/ DEPTH STICKER

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.



GENERAL NOTES:

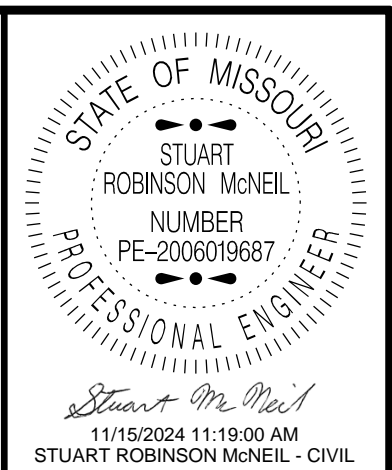
1. STICKERS TO BE OF A NON-REFLECTIVE MATERIAL/SHEETING.
2. STICKERS SHALL BE PROVIDED ON 1 SIDE OF POST FOR INTERSTATE ROUTES UNLESS SPECIFIED BY THE ENGINEER.
3. STICKERS SHALL BE PROVIDED ON BOTH SIDES OF POST FOR ARTERIAL ROUTES UNLESS SPECIFIED BY THE ENGINEER.
4. STICKERS TO BE INCLUDED IN COST OF A DELINEATOR POST.
5. DEPTH STICKER SHALL BE 2"x12".



WARNING BURIED CABLE



**BEFORE DIGGING CONTACT:
 MISSOURI ONE CALL
 1-800-DIG-RITE
 811
 OR
 MODOT
 1-888-ASK-MODOT**



DATE PREPARED	
11/15/2024	
ROUTE	STATE
141	MO
DISTRICT	SHEET NO.
SL	67
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

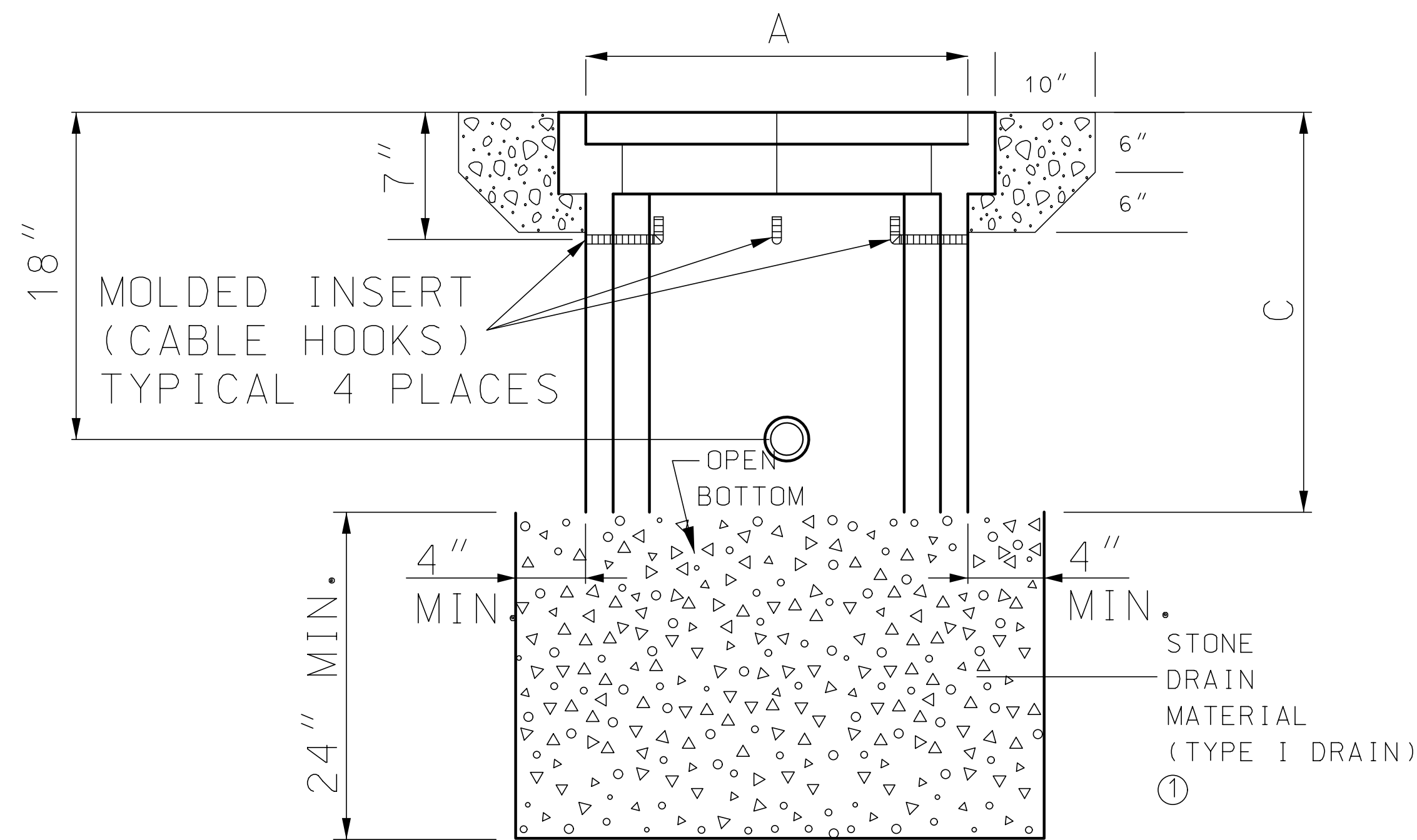
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

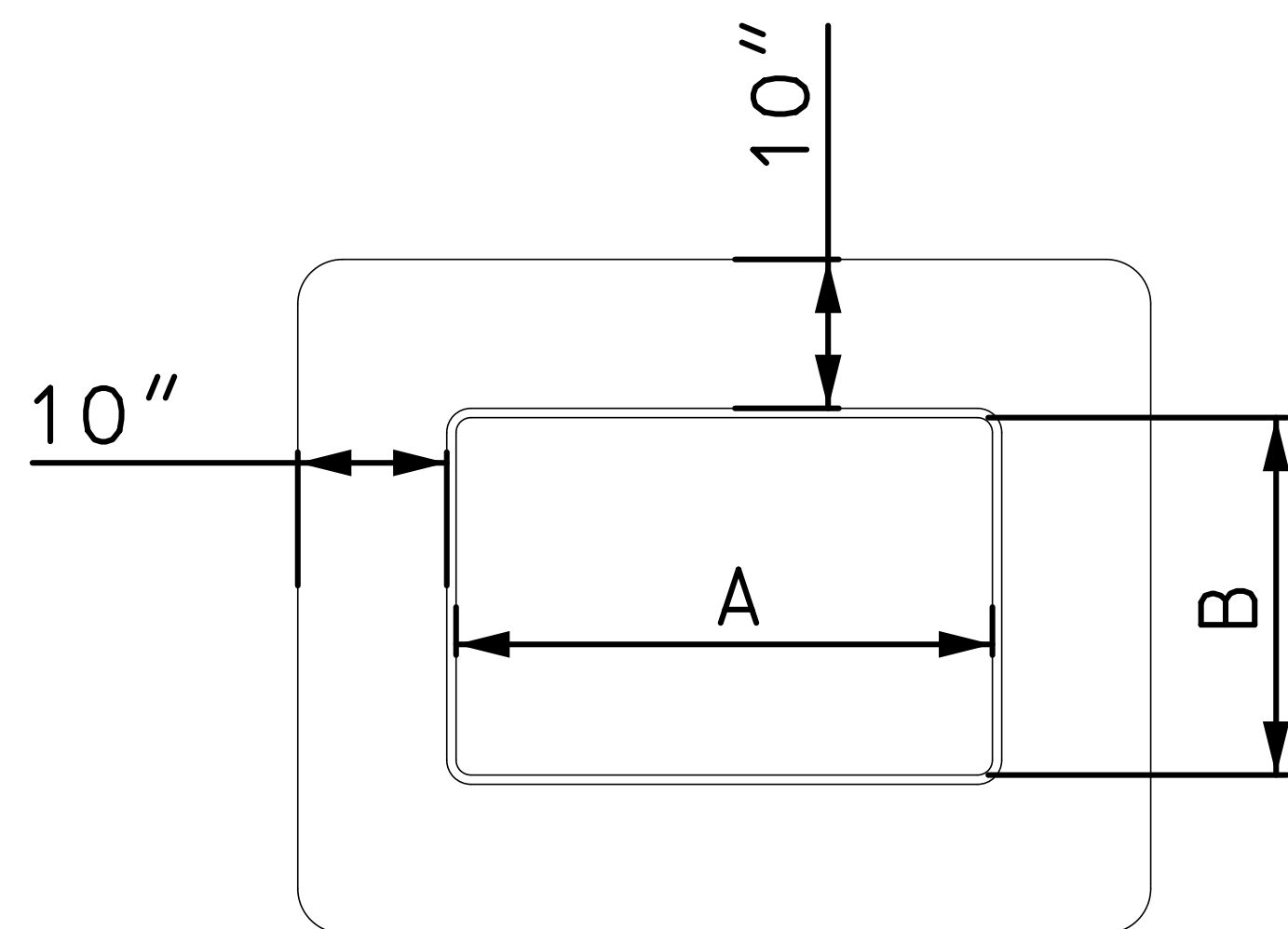
**ITS SHEET
 BURIED CABLE
 DELINEATOR**

ITS PULL BOXES WITH CONCRETE PADS

CLASS 2 ITS PULLBOX WITH CONCRETE PAD

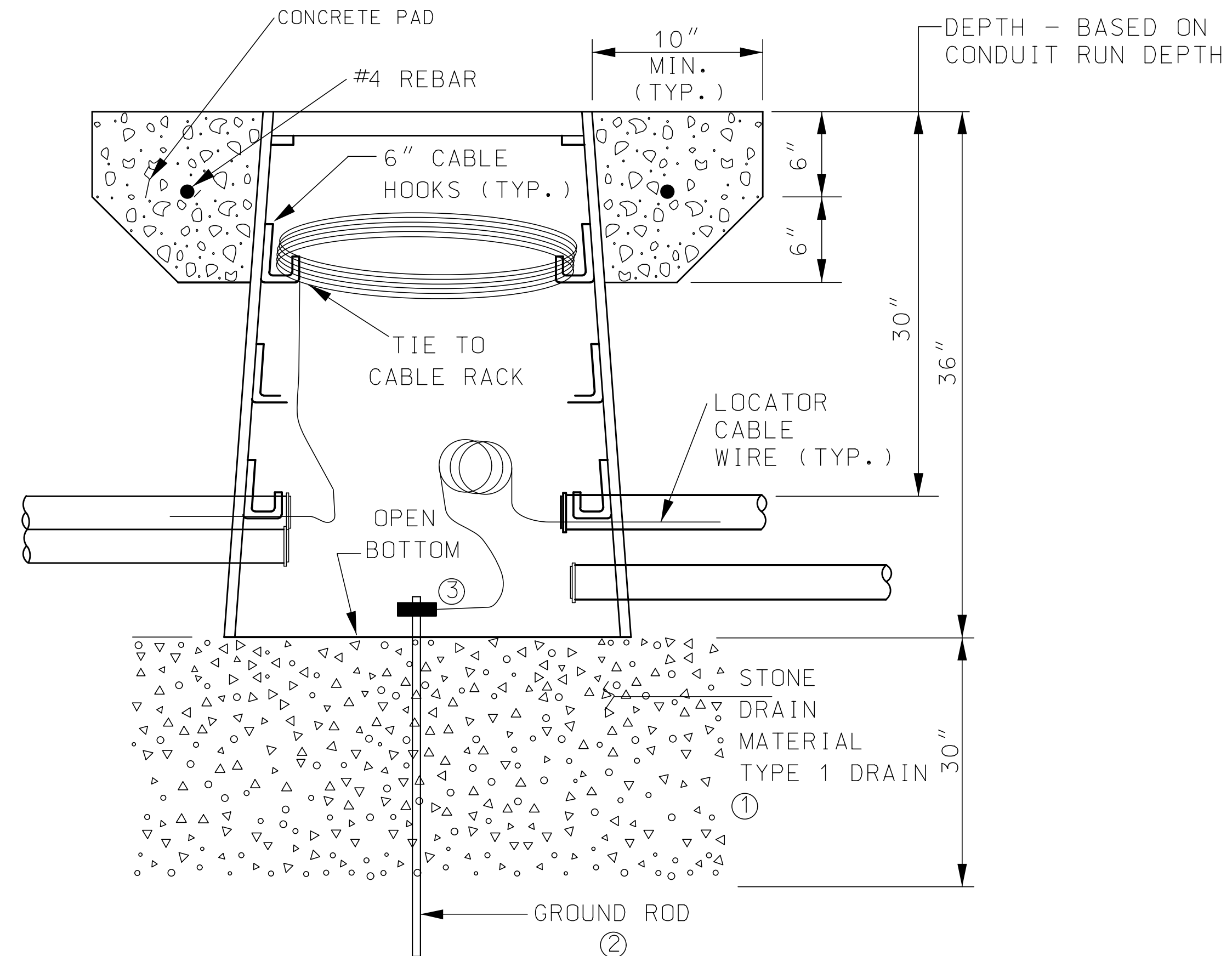


ELEVATION

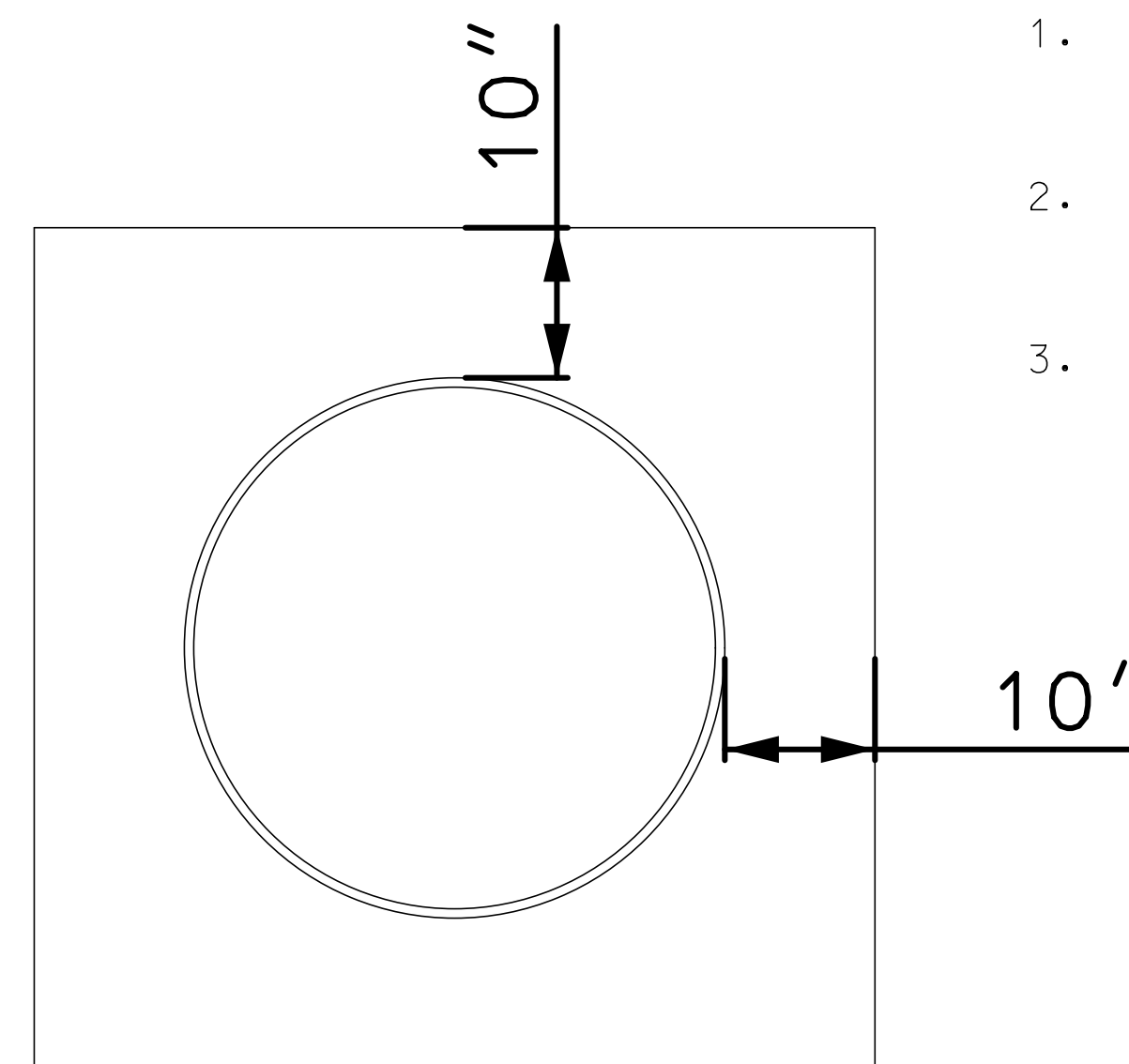


PLAN

CLASS 5 ITS PULLBOX WITH CONCRETE PAD



ELEVATION

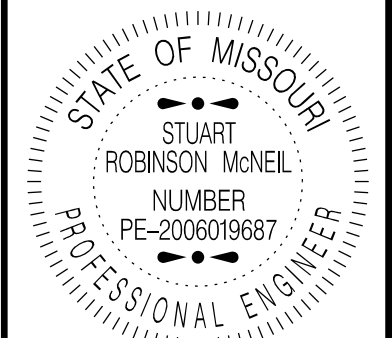


PLAN

1. PROVIDE TYPE II DRAIN AS DIRECTED BY ENGINEER. SEE STANDARD PLAN 902.20 FOR TYPE II DRAIN DETAILS.
2. GROUND ROD ONLY REQUIRED IN PULL BOX NEAREST TO AN ITS OR SIGNAL CABINET.
3. IN THE PULL BOX NEAREST THE ITS OR SIGNAL CABINET, CONNECT THE TRACER WIRE TO A GROUND ROD CLAMP AND PROVIDE 5 FEET OF SLACK.

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 PROFESSIONALS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

FOR PULL BOX DIMENSIONS SEE STANDARD PLAN 902.20



STUART ROBINSON MONEL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/13/2024 2:59:26 PM

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 68

COUNTY ST. LOUIS

JOB NO. JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

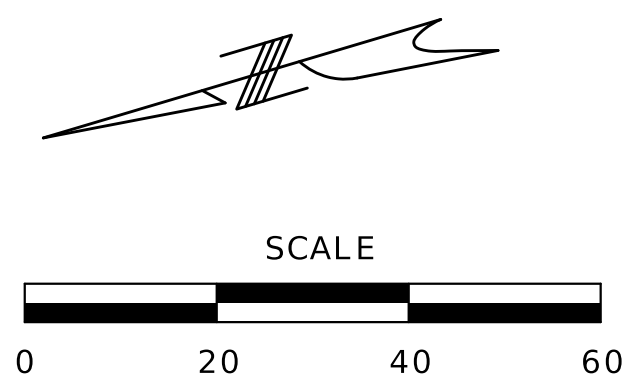
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ITS PULL BOX WITH CONCRETE PAD

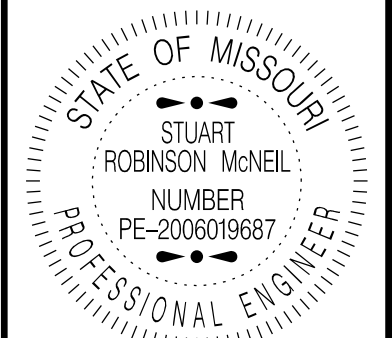
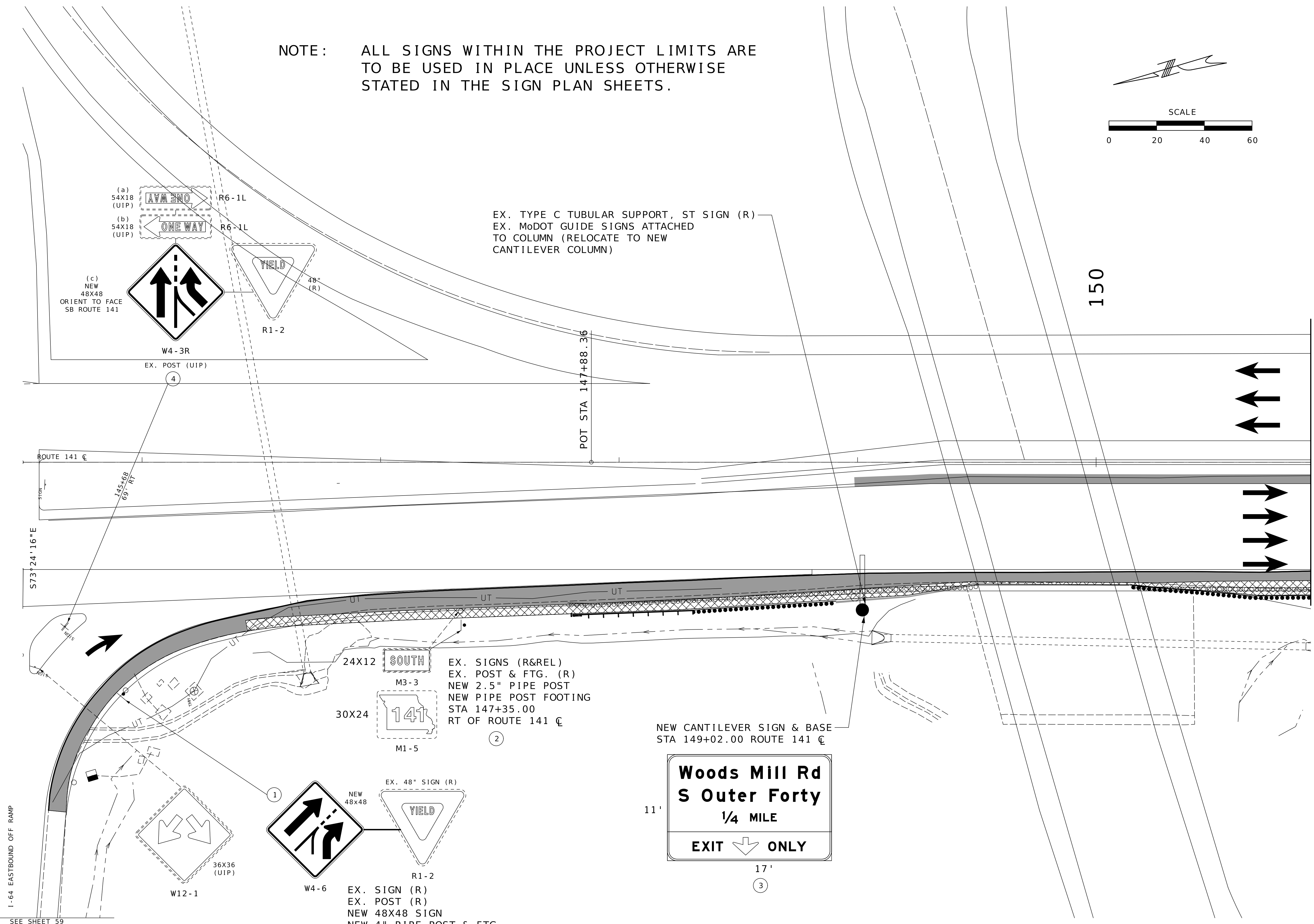
NOTE: ALL SIGNS WITHIN THE PROJECT LIMITS ARE TO BE USED IN PLACE UNLESS OTHERWISE STATED IN THE SIGN PLAN SHEETS.



EX. TYPE C TUBULAR SUPPORT, ST SIGN (R)
EX. MODOT GUIDE SIGNS ATTACHED TO COLUMN (RELOCATE TO NEW CANTILEVER COLUMN)

150

MATCHLINE STA. 150+90.00



DATE PREPARED: 11/13/2024
 ROUTE: 141 STATE: MO
 DISTRICT: SL SHEET NO.: 69
 COUNTY: ST. LOUIS
 JOB NO.: JSL0121
 CONTRACT ID.

PROJECT NO.
BRIDGE NO.

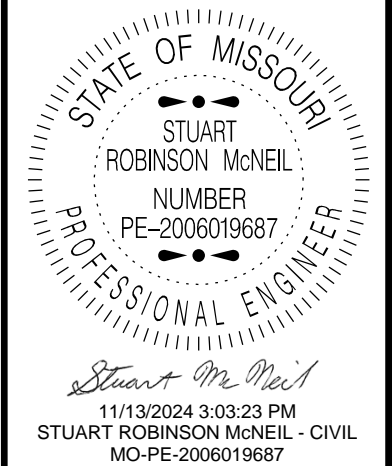
DATE	DESCRIPTION

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

SIGN SHEET
ROUTE 141

Woods Mill Rd
S Outer Forty
1/4 MILE
EXIT ONLY

I-64 EASTBOUND OFF RAMP
SEE SHEET 59



DATE PREPARED
11/13/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 70

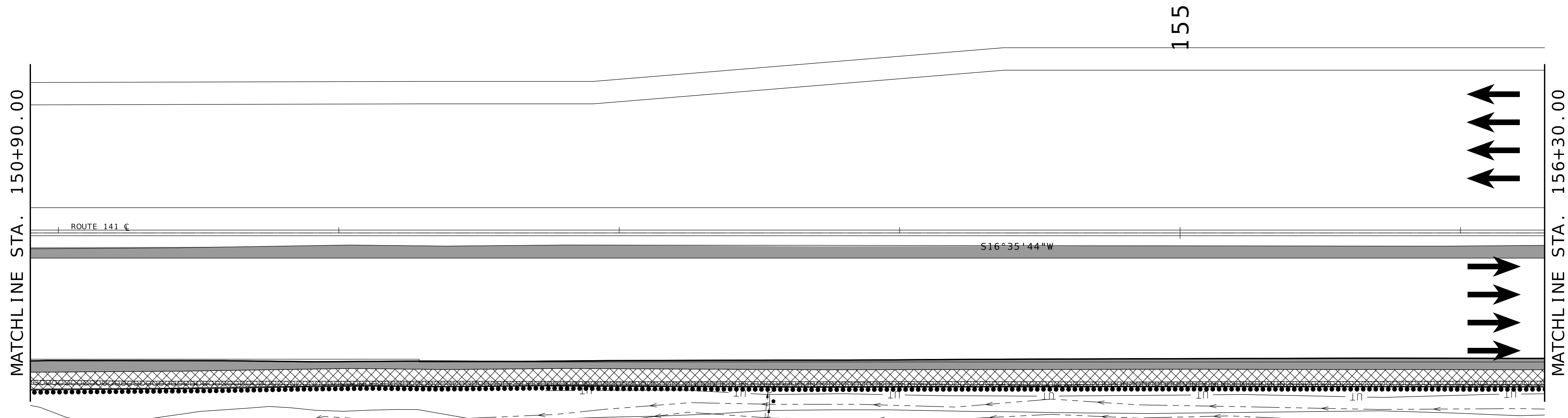
COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

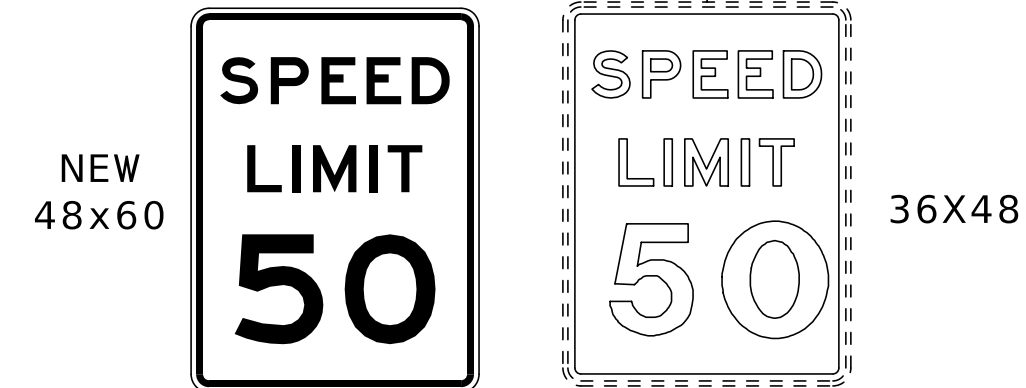
PROJECT NO.

BRIDGE NO.



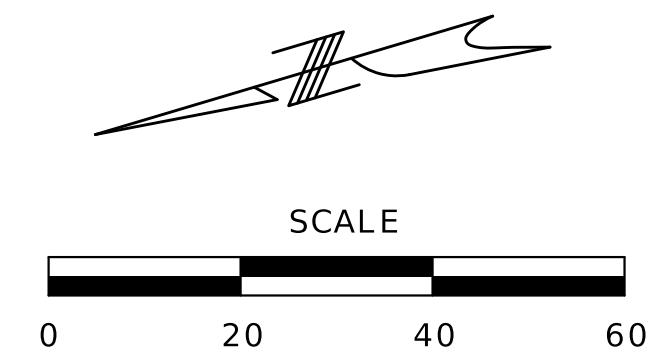
MATCHLINE STA. 150+90.00

MATCHLINE STA. 156+30.00



R2-1 EX. SIGN (R)
R2-1 EX. POST & FTG. (R)
NEW 4" PIPE POST
NEW PIPE POST ANCHOR
STA 153+55.00
RT FROM ROUTE 141 CL

5

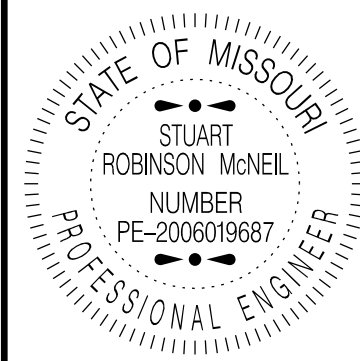


DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN SHEET
ROUTE 141



11/13/2024 3:03:31 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/13/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 71

COUNTY
ST. LOUIS

JOB NO.
JSL0121

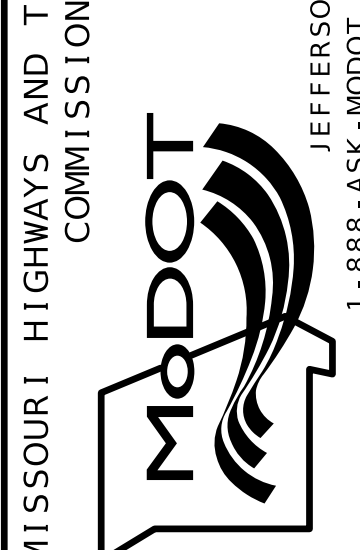
CONTRACT ID.

PROJECT NO.

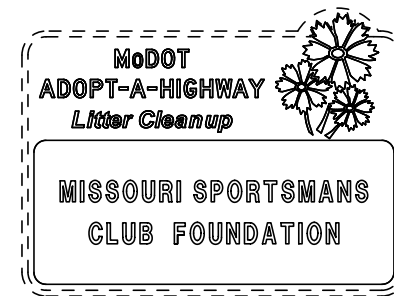
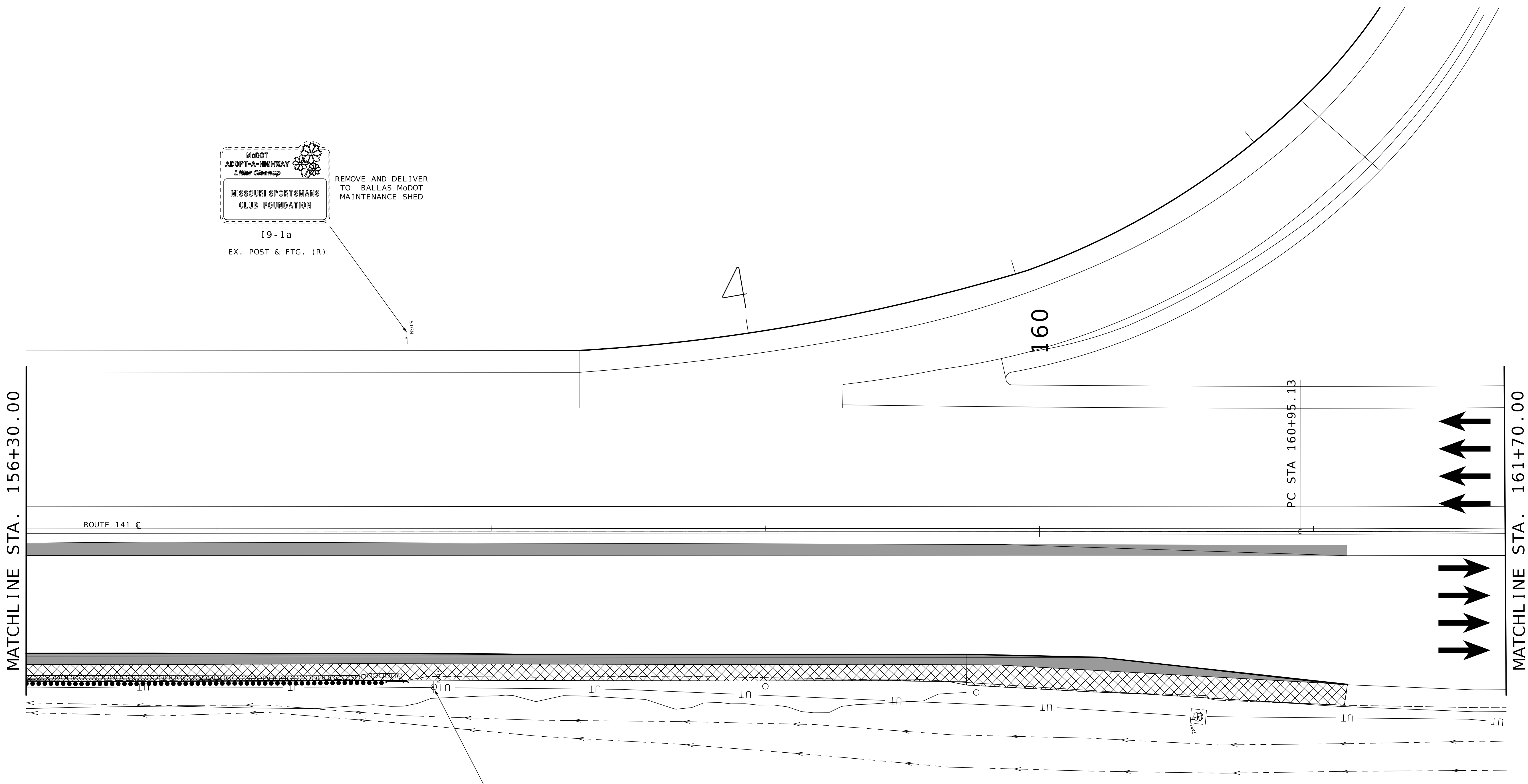
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

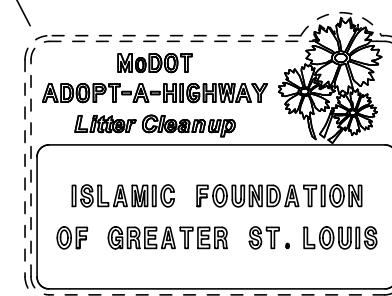


SIGN SHEET
ROUTE 141



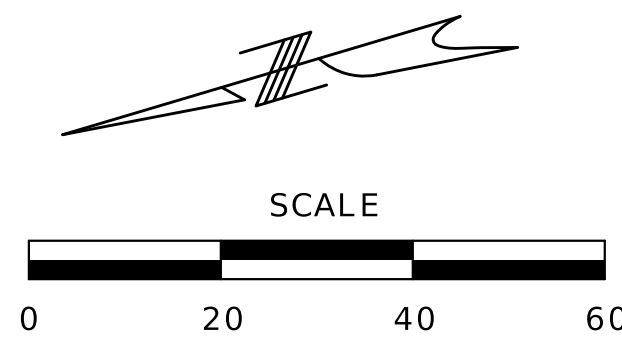
19-1a
EX. POST & FTG. (R)

REMOVE AND DELIVER
TO BALLAS MoDOT
MAINTENANCE SHED

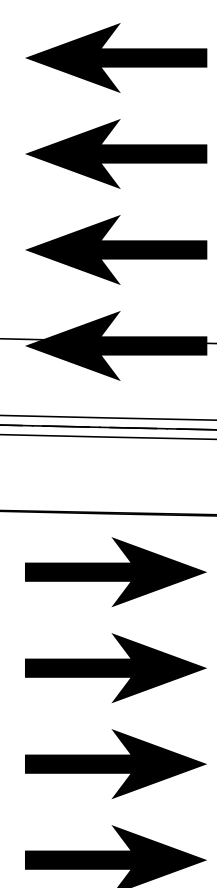


19-1a
EX. POST & FTG. (R)

REMOVE AND DELIVER
TO SUNSET HILLS MoDOT
MAINTENANCE SHED



MATCHLINE STA. 161+70.00



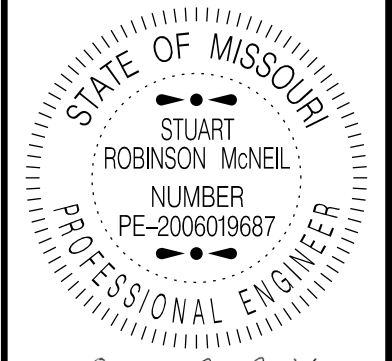
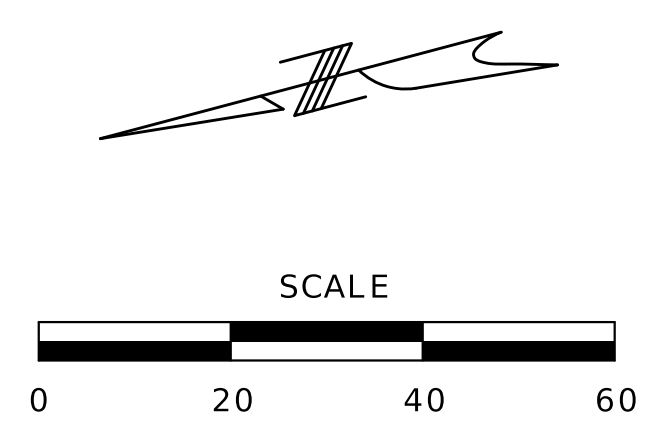
EX. OVERHEAD TRUSS SIGN (R)
NEW 17'x9' OVERHEAD TRUSS SIGN
**Woods Mill Rd
Clayton Rd**
EXIT 1/2 MILE
17' (a)

EX. OVERHEAD TRUSS SIGN (R)
NEW 17'x9' OVERHEAD TRUSS SIGN
**Woods Mill Rd
S Outer Forty**
EXIT ONLY
17' (b)

6

165

SPAN TRUSS (UIP)
EX. TRUSS CATWALK & LIGHTS (R)



DATE PREPARED
11/13/2024 3:03:45 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

11/13/2024

ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 72

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

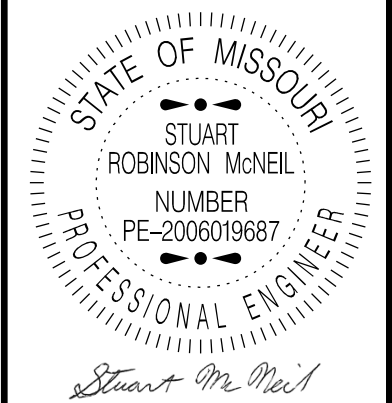
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN SHEET
ROUTE 141



DATE PREPARED
11/13/2024 3:03:54 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

11/13/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 73

COUNTY
ST. LOUIS

JOB NO.
JSL0121

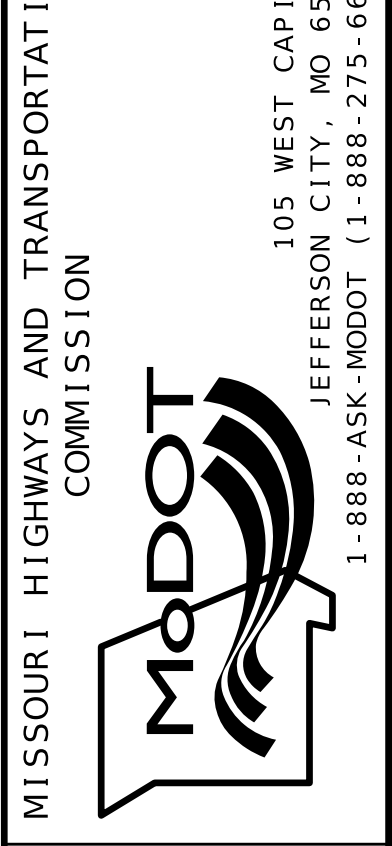
CONTRACT ID.

PROJECT NO.

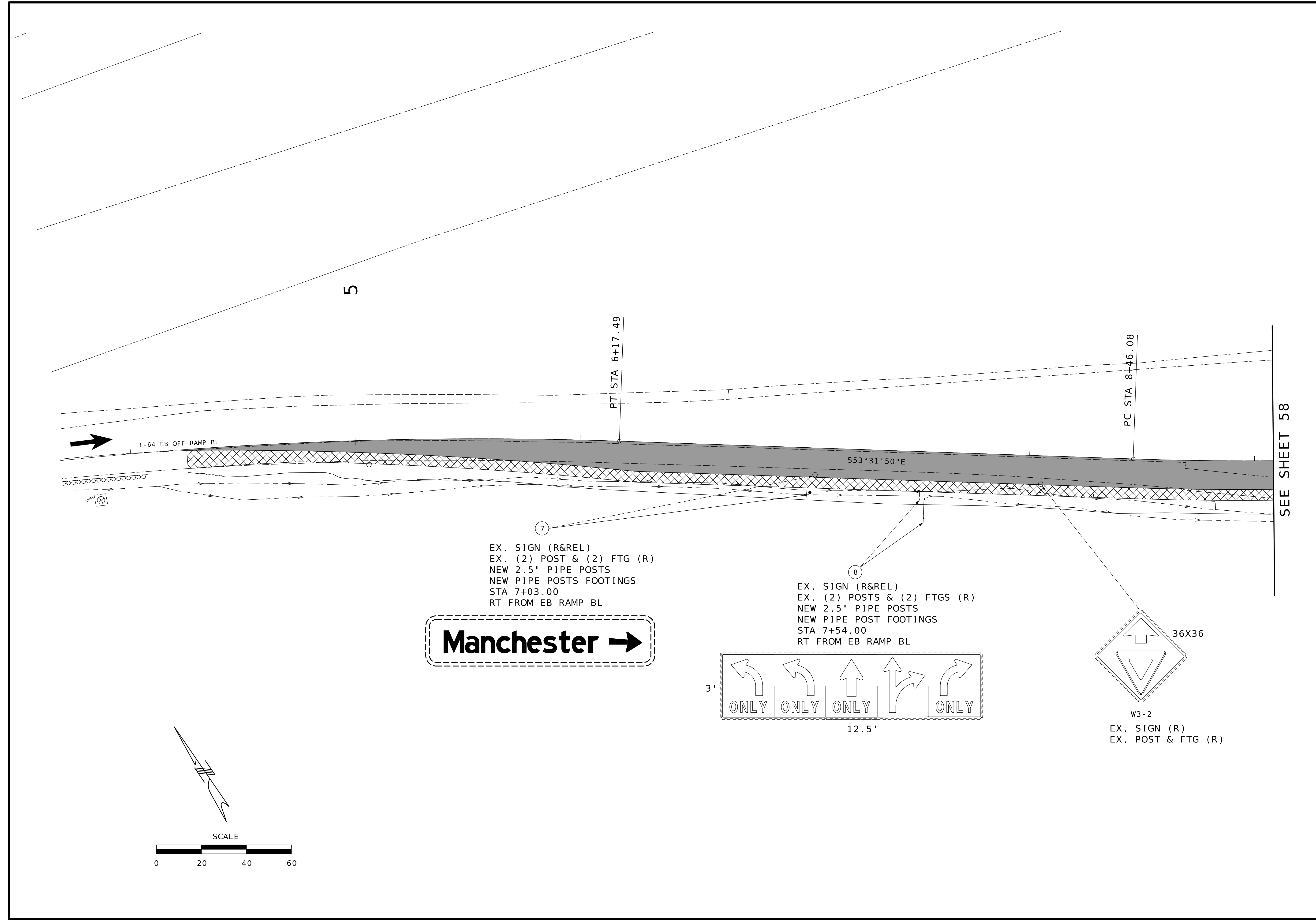
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

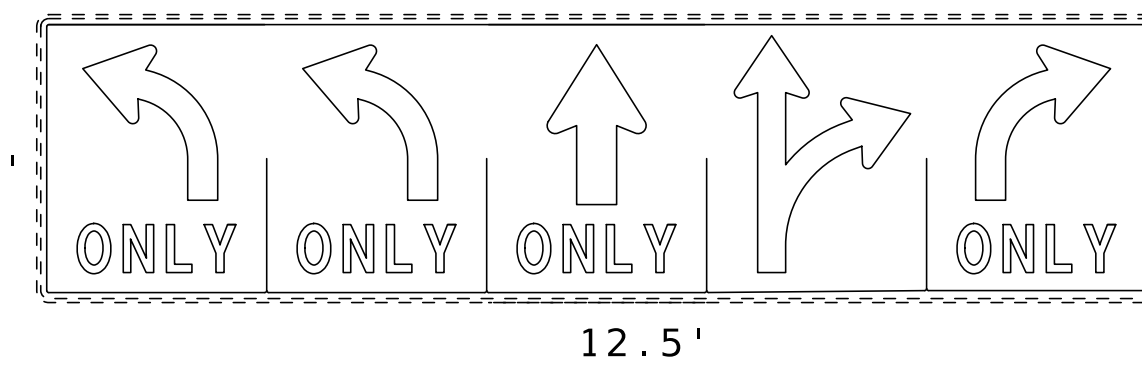


SIGN SHEET
I-64 EB OFF RAMP

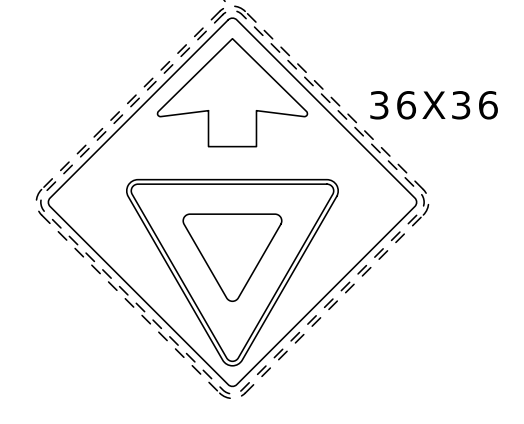


Manchester →

EX. SIGN (R&REL)
EX. (2) POST & (2) FTG (R)
NEW 2.5" PIPE POSTS
NEW PIPE POSTS FOOTINGS
STA 7+03.00
RT FROM EB RAMP BL

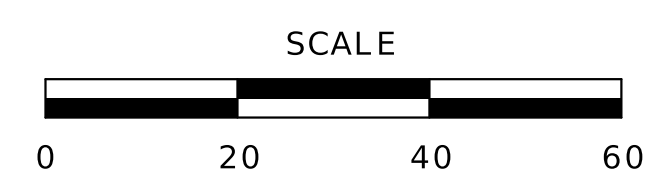


EX. SIGN (R&REL)
EX. (2) POSTS & (2) FTGS (R)
NEW 2.5" PIPE POSTS
NEW PIPE POST FOOTINGS
STA 7+54.00
RT FROM EB RAMP BL



W3-2
EX. SIGN (R)
EX. POST & FTG (R)

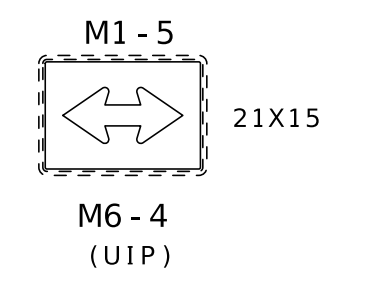
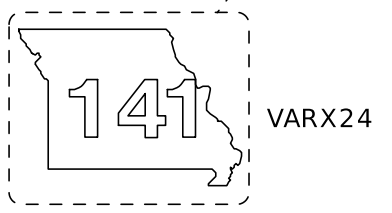
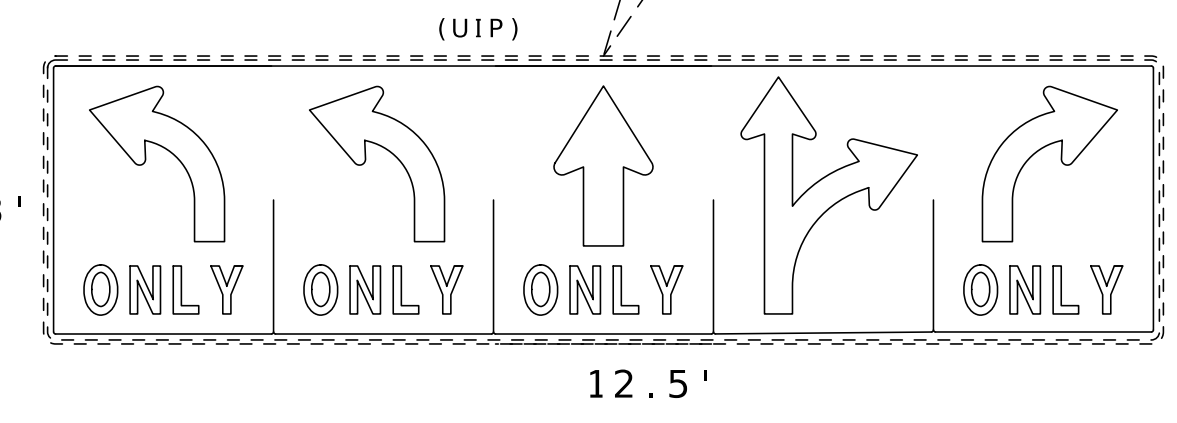
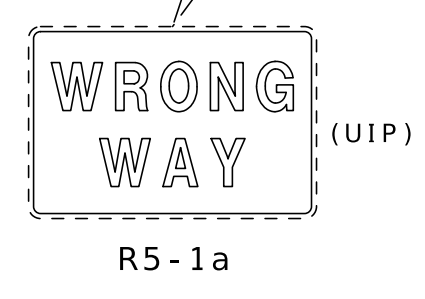
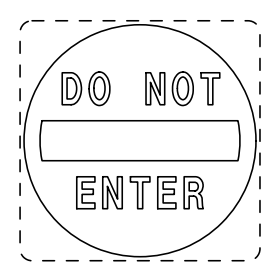
SEE SHEET 58



MATCHLINE STA. 9+08.41

I-64 EB OFF RAMP

10

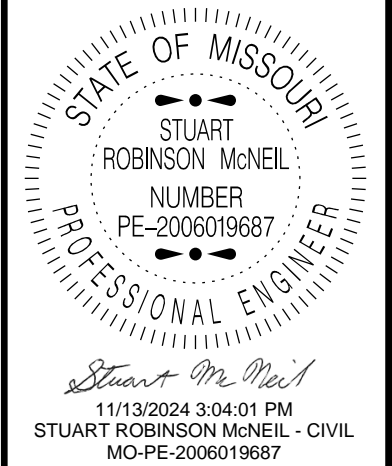
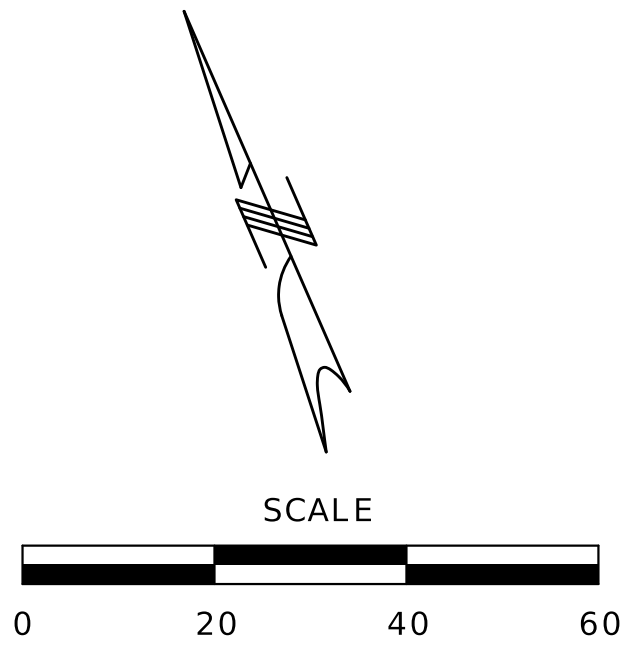


SEE SHEET 58

PT STA 13+42.92

573°24'16"E

END STA 14+23.80



DATE PREPARED
11/13/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 74

COUNTY ST. LOUIS

JOB NO. JSL0121

CONTRACT ID.

PROJECT NO.

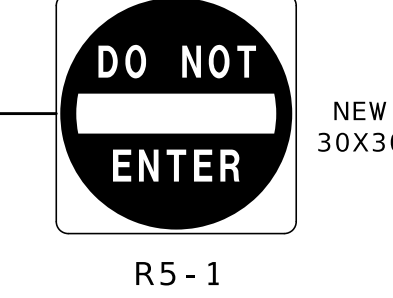
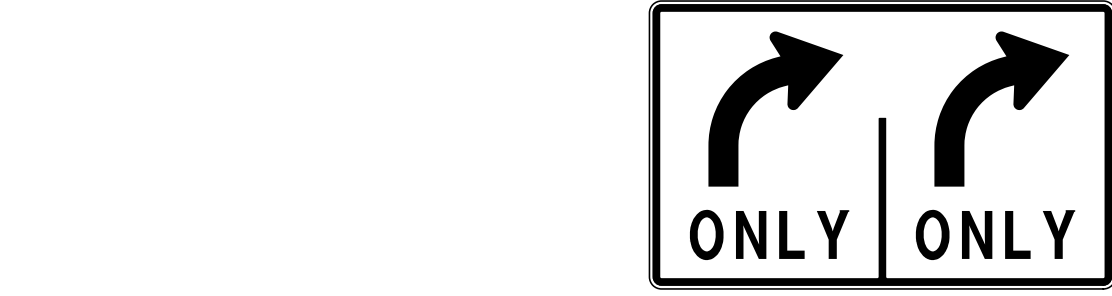
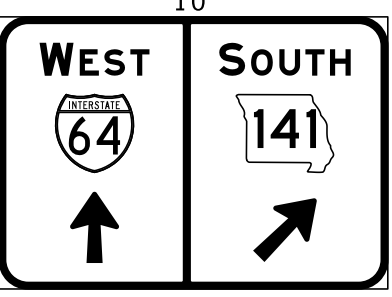
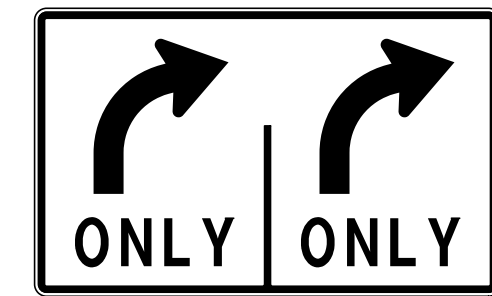
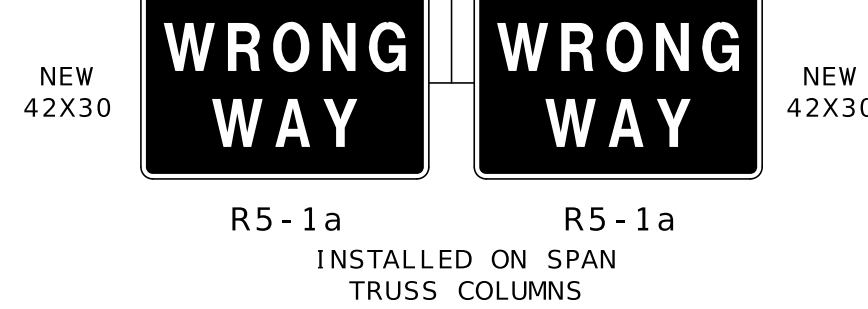
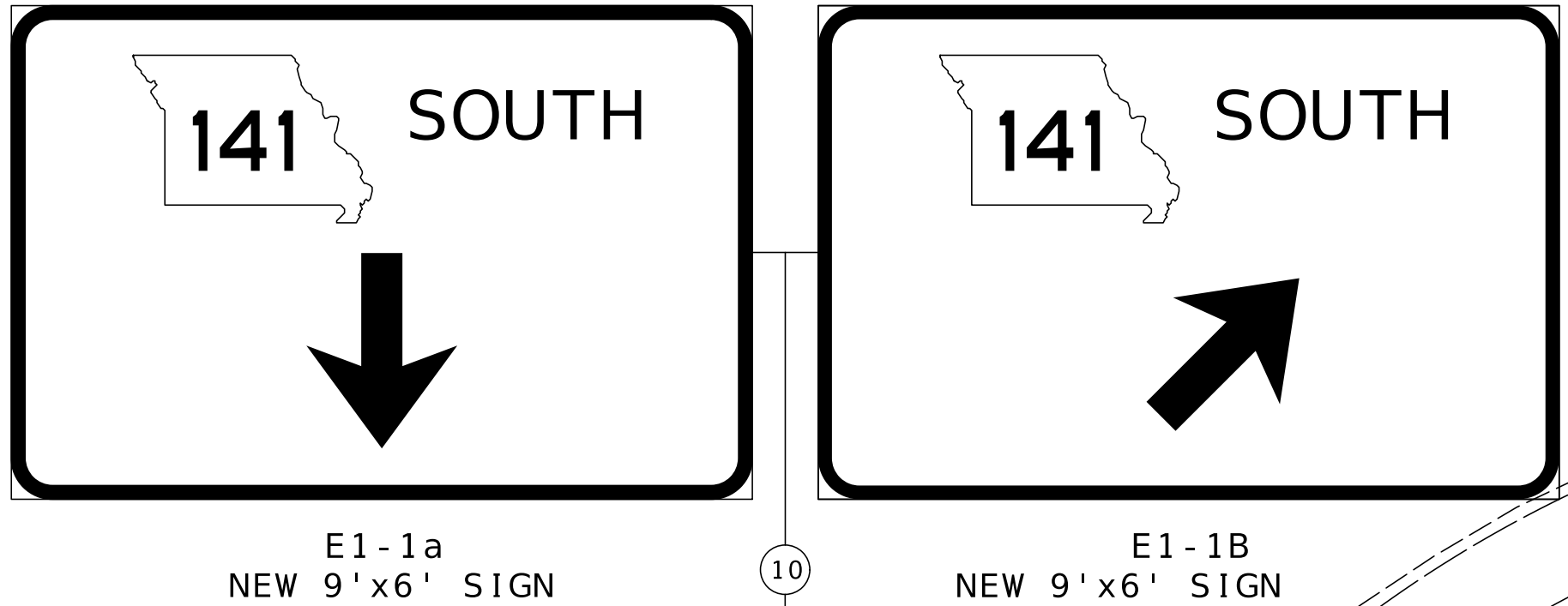
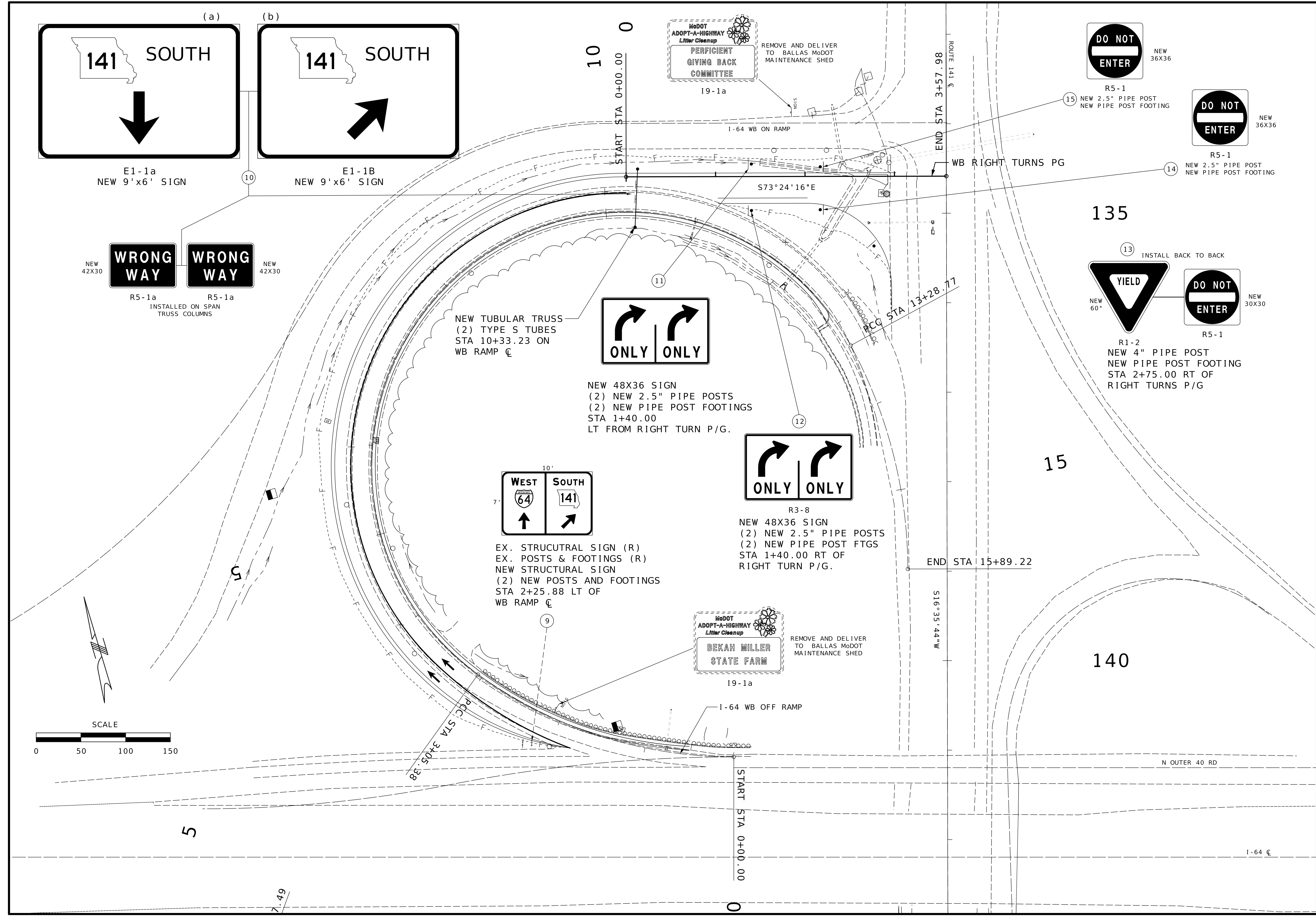
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN SHEET
I-64 EB OFF RAMP



STATE OF MISSOURI
STUART ROBINSON MCNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

11/13/2024 3:04:09 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/13/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 75

COUNTY
ST. LOUIS

JOB NO.
JSL0121

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)

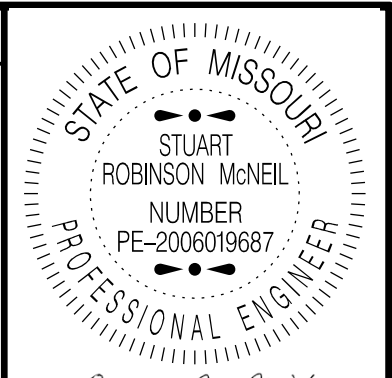
**SIGN SHEET
I-64 WB OFF RAMP**

SIGNS				CONCRETE FOOTINGS		STRUCTURAL STEEL POSTS*				PIPE POSTS*				BACKING BARS**				U-CHANNEL POST		PERFORATED SQUARE STEEL TUBE										EFFECTIVE: 07-01-2024	REMARKS AND OTHER REQUIRED ITEMS						
902 SIGNAL SIGNS TABULATED ON D-37A SHEET																2-INCH POST					2.5-INCH POST					BREAK-AWAY ASSEMBLY											
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL NO.	EMBD ITEM NO. 9031010	BOLT DOWN ITEM NO. 9031020	POST DES NO.	POST NO. 1	POST NO. 2	POST NO. 3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X 3/8" BARS AT 2.55 LBS/FT				ITEM NO. 9031250A	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031270A	ANCHORS			2.25" INSERT (6 FT)		ANCHORS			ITEM NO. 9031241		
						CY	CY		LF	LF	LF		LBS	IN	LF	LF		LBS	EACH	LGTH IN.	TOTAL LF	TOTAL LBS	LF	LF	LF	EACH	EACH	EACH	LF	LF	LF	EACH	EACH	EACH			
1	48X48	145+93		ROUTE 141		0.36								4	17.0		10.79	183	2	32	5.33	14															
2	VAR	147+35		ROUTE 141		0.13								2.5	15.5		5.79	90																			
3	204X132	149+02.00		ROUTE 141			***14.6																														
4	VAR	145+68		ROUTE 141		UIP														2	32	5.33	14														
5	48X60	153+55		ROUTE 141		0.36								4	17.0		10.79	183																			
6	204X108	165+70		ROUTE 141			UIP																														
7	84X18	7+03		EB RAMP		0.26								2.5	13.0	14.5	5.79	159																			
8	150X36	7+54		EB RAMP		0.26								2.5	15.0	14.5	5.79	171																			
9	120X84	2+25.88		WB RAMP		1.04		#2	21.0	20.5		15.0	623																								
10	108X72	10+33.23		WB RAMP			9.62																														
11	48X36	1+40.00		WB RT TURNS		0.13								2.5	15.5		5.79	90																			
12	48X36	1+40.00		WB RT TURNS		0.13								2.5	14.5		5.79	84																			
13	VAR	2+75		WB RT TURNS		0.13								2.5	16.5		5.79	96																			
14	36X36	2+18.00		WB RT TURNS		0.13								2.5	14.5		5.79	84																			
5	36X36	2+18.00		WB RT TURNS		0.13								2.5	14.5		5.79	84																			
				SUBTOTAL		3.06	9.62						623					1224					28														
				TOTAL		3.0	9.6					650						1230					**														

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
 **BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.
 ***PAID FOR BY "OPTIONAL OVERHEAD SIGN TRUSS SUBSTRUCTURE, PER CY"

NOM. SIZE (IN.)	WEIGHT		STUB LENGTH	FOOTING		CONCRETE C.Y.
	LBS/FT	LBS/IN		DIA.	DEPTH	
2 1/2	5.79	0.48	4'- 3 1/2"	12"	4'-6"	0.13
4	10.79	0.90	5'- 3 1/2"	18"	5'-6"	0.36

POST DES. NO.	NOM. SIZE	POST WEIGHT		STUB LENGTH	DIA.	FOOTING											
		LBS/FT	LBS/IN			LEVEL GROUND		6:1 GRADE		4:1 GRADE		3:1 OR 2:1 GRADE					
		DEPTH	C.Y.			DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.				
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17				
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54				
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78				
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45				
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52				
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65				



DATE PREPARED
 11/13/2024 3:04:16 PM
 STUART ROBINSON MCNEIL - CIVIL
 MO-PE-2006019687

ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 76
 COUNTY ST. LOUIS

NEW CANTILEVER TRUSS
 USE EX. POST AND FOOTING

EX. OVERHEAD SPAN TRUSS (UIP)

NEW TUBULAR SPAN TRUSS

JOB NO. JSL0121
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

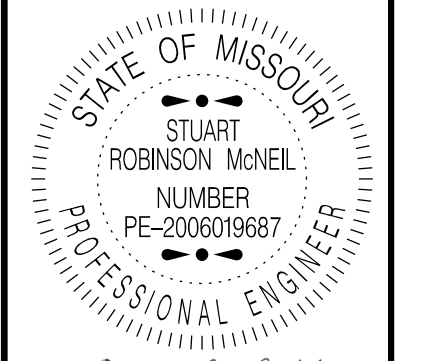
105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

SIGN SHEET D-29

SIGN NUMBER	STATION	LOCATION	TYPE														
			SH	SH	SH	SH	SH	SH	SH	SHF							
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH														
1	145+93.00	RT (RTE 141)															
4	145+68.00	RT (RTE 141)															
5	153+55.00	RT (RTE 141)		1													
10	10+33.21	CL (WB RAMP)							2								
11	1+40.00	LT (WB RAMP/RT)				1											
12	1+40.00	RT (WB RAMP/RT)				1											
13	2+75.00	RT (WB RAMP/RT)	1					1									
14	2+18.00	LT (WB RAMP/RT)								1							
14	2+18.00	RT (WB RAMP/RT)								1							

STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET				
			SIZE	FLAT SHEET SH	FLAT SHEET FLUORESCENT SHF *	STRUCTURAL ST	STRUCTURAL FLUORESCENT STF *
				ITEM NO. 9035004A	ITEM NO. 9035069A	ITEM NO. 9035011A	ITEM NO. 9035071A
			SIGN # 3 (SPECIAL SHEET)	78	1	204X96	
SIGN # 3 (SPECIAL SHEET) "EXIT ONLY"	78	1	204X36				51
SIGN # 6a (SPECIAL SHEET)	78	1	204X108			153	
SIGN # 6b (SPECIAL SHEET)	78	1	204X72			102	
SIGN # 6b (SPECIAL SHEET) "EXIT ONLY"	78	1	204X36				51
SIGN # 9 (SPECIAL SHEET)	79	1	120X84			70	
SIGN # 10a (SPECIAL SHEET)	79	1	108X72			54	
SIGN # 10b (SPECIAL SHEET)	79	1	108X72			54	
R1-2 YIELD		1	60"	16			
R2-1 SPEED LIMIT		1	48X60	20			
R3-8 ADVANCED LANE INTERSECTION CONTROL	79	2	48X36	24			
R5-1 DO NOT ENTER		1	30X30	6.25			
R5-1 DO NOT ENTER		2	36X36	18			
R5-1a WRONG WAY		1	42X30	17.5			
W4-6 ENTERING RDWY ADDED LANE		2	48X48		32		
TOTAL				102	32	569	102

* ORANGE, YELLOW & YELLOW/GREEN



12/3/2024

ROUTE 141 STATE MO

DISTRICT SL SHEET NO. 77

COUNTY ST. LOUIS

JOB NO. JSL0121

CONTRACT ID.

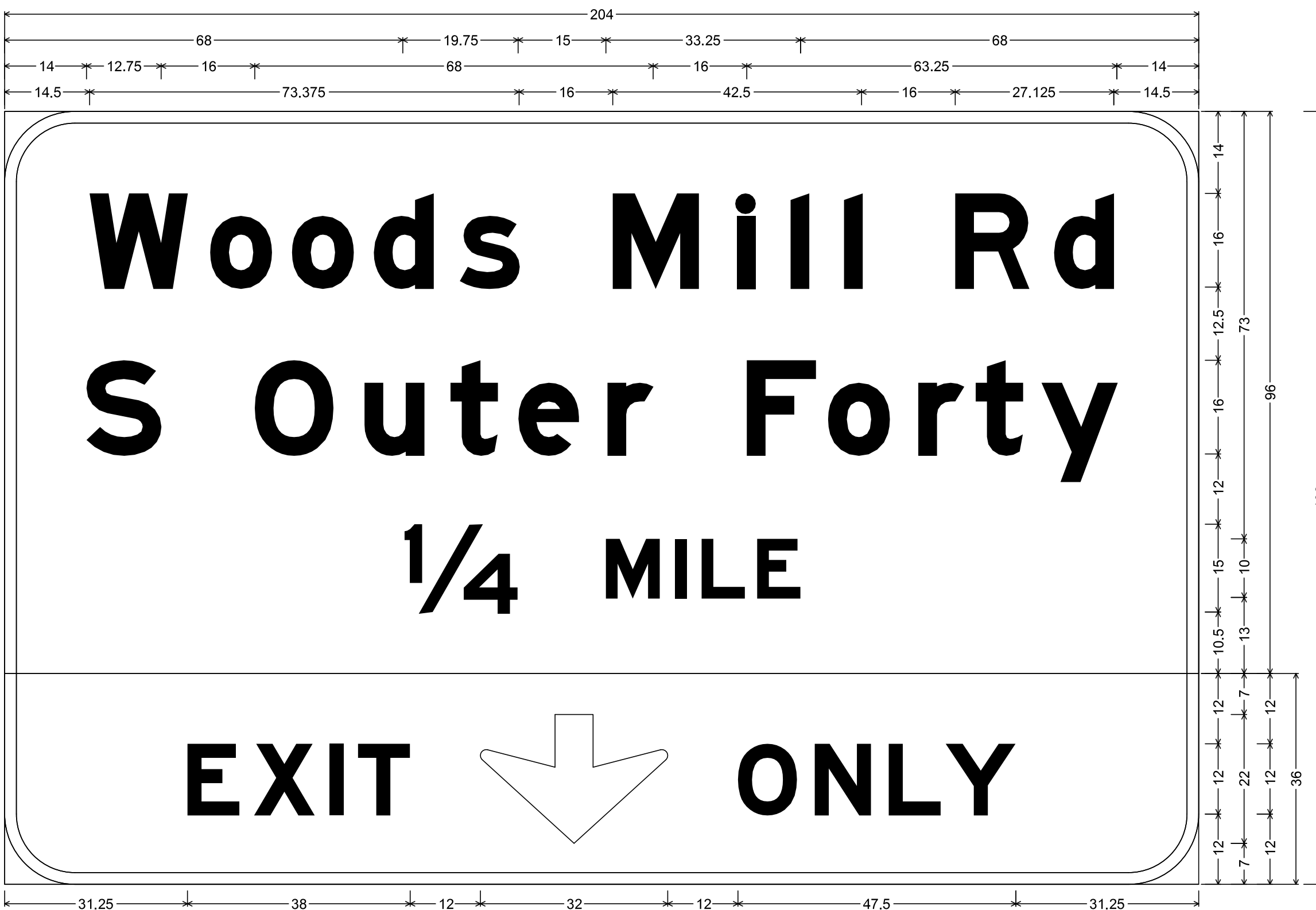
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



E1-1 ST-STRUCTURAL:
 12,000" Radius, 2,000" Border, White on, Green;
 "Woods Mill Rd", E Mod; "S Outer Forty", E Mod; "1/4", E Mod; "MILE", E Mod;

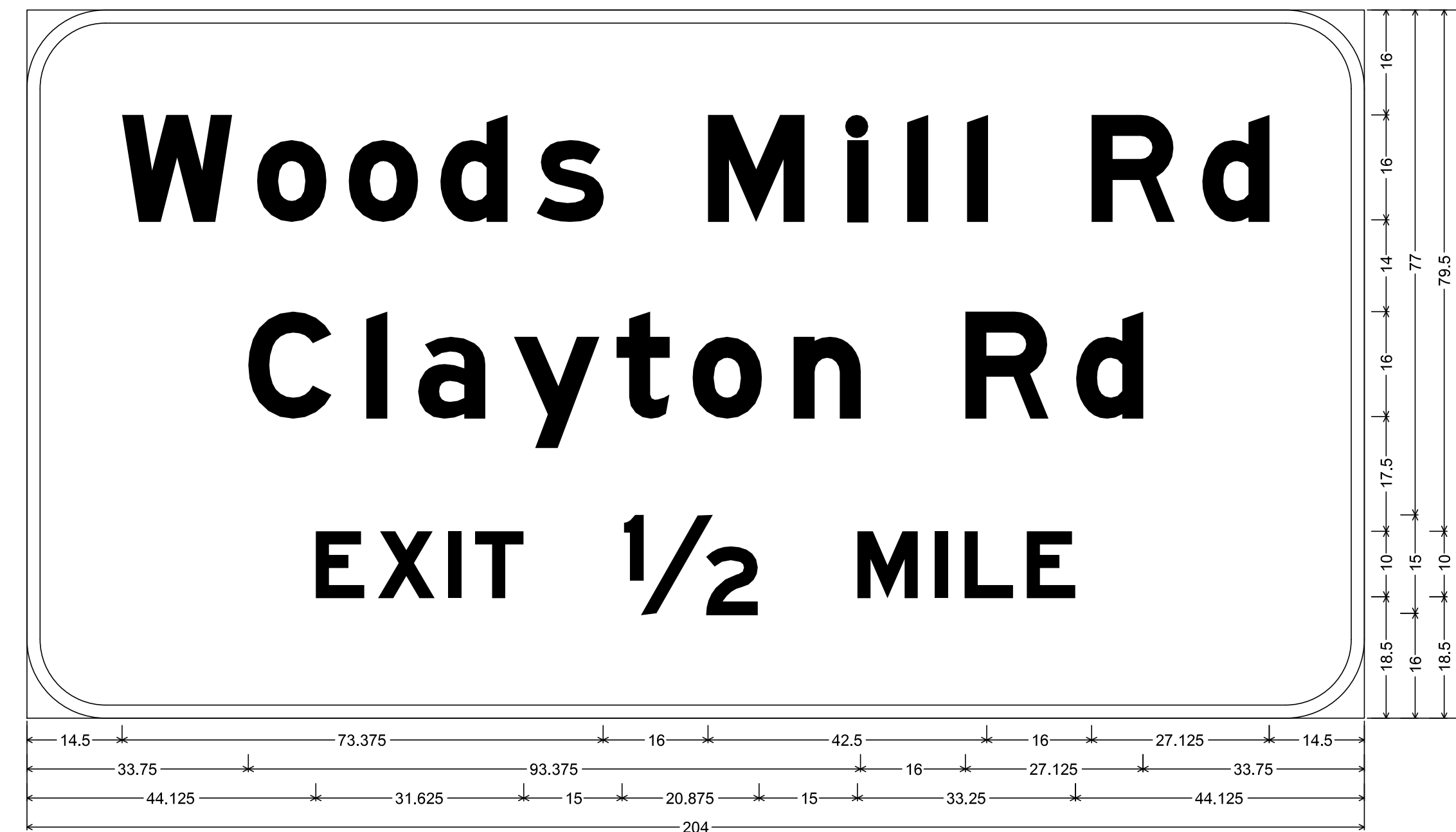
STF-STRUCTURAL FLUORESCENT:
 12,000" Radius, 2,000" Border, Black on, Yellow;
 "EXIT", E Mod; Down Arrow 22,000" 270; "ONLY", E Mod;

Table of letter and object lefts

W	o	o	d	s	M	I	I	I	R	d
14.500	35.125	49.125	63.125	77.750	103.875	125.125	134.250	143.375	162.375	179.250
S	O	u	t	e	r	F	o	r	t	y
14.000	42.750	61.500	76.125	87.750	103.000	126.750	140.625	156.125	165.875	177.125
1/4	M	I	L	E						
68.000	102.750	114.500	119.125	128.500						
E	X	I	T	O	N	L	Y			
31.250	42.625	55.500	60.375	81.250	125.250	138.375	151.000	160.750		

SIGN #	3
STA	149+02.00
ROADWAY	ROUTE 141

NOT TO SCALE

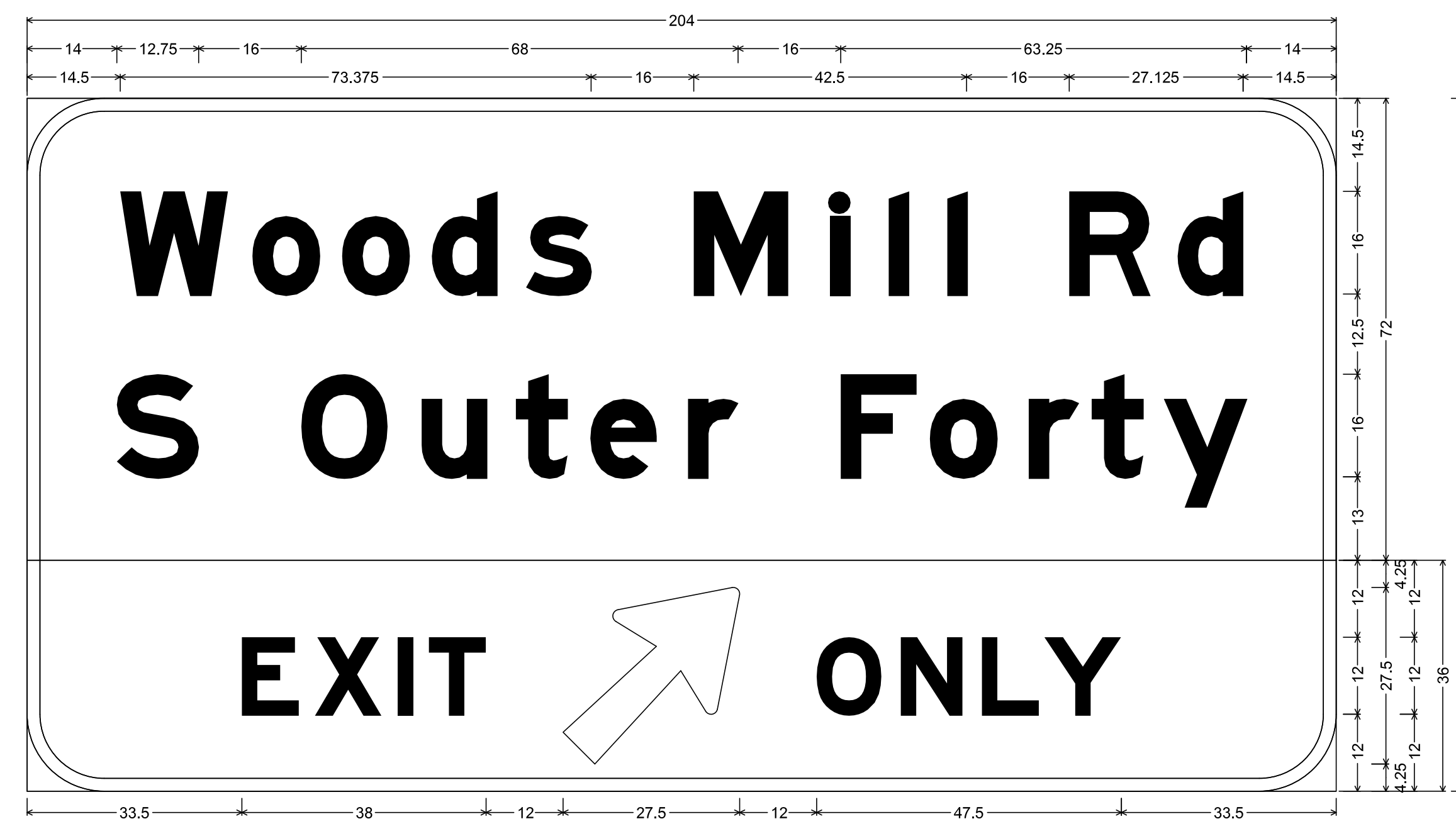


E1-1 ST-STRUCTURAL:
 12,000" Radius, 2,000" Border, White on, Green;
 "Woods Mill Rd", E Mod; "Clayton Rd", E Mod; "EXIT", E Mod; "1/2", E Mod; "MILE", E Mod;

Table of letter and object lefts

W	o	o	d	s	M	I	I	I	R	d
14.500	35.125	49.125	63.125	77.750	103.875	125.125	134.250	143.375	162.375	179.250
C	I	a	y	t	o	n	R	d		
33.750	51.750	59.625	74.250	90.000	101.500	117.000	143.125	160.000		
E	X	I	T	1/2	M	I	L	E		
44.125	53.500	64.250	68.375	90.750	126.625	138.500	143.000	152.500		

SIGN #	6a
STA	165+70.00
ROADWAY	ROUTE 141



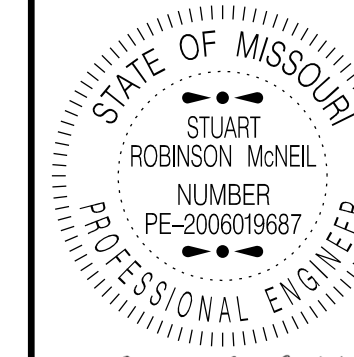
E1-1 ST-STRUCTURAL:
 12,000" Radius, 2,000" Border, White on, Green;
 "Woods Mill Rd", E Mod; "S Outer Forty", E Mod;

STF-STRUCTURAL FLUORESCENT:
 12,000" Radius, 2,000" Border, Black on, Yellow;
 "EXIT", E Mod; Arrow 160 - 35,000" 45; "ONLY", E Mod;

Table of letter and object lefts

W	o	o	d	s	M	I	I	I	R	d
14.500	35.125	49.125	63.125	77.750	103.875	125.125	134.250	143.375	162.375	179.250
S	O	u	t	e	r	F	o	r	t	y
14.000	42.750	61.500	76.125	87.750	103.000	126.750	140.625	156.125	165.875	177.125
E	X	I	T	O	N	L	Y			
33.500	44.875	57.750	62.625	83.500	123.000	136.125	148.750	158.500		

SIGN #	6b
STA	165+70.00
ROADWAY	ROUTE 141



11/13/2024 3:04:34 PM
 STUART ROBINSON McNEIL - CIVIL
 MO-PE-2006019687

DATE PREPARED
 11/13/2024

ROUTE STATE
 141 MO

DISTRICT SHEET NO.
 SL 78

COUNTY
 ST. LOUIS

JOB NO.
 JSL0121

CONTRACT ID.

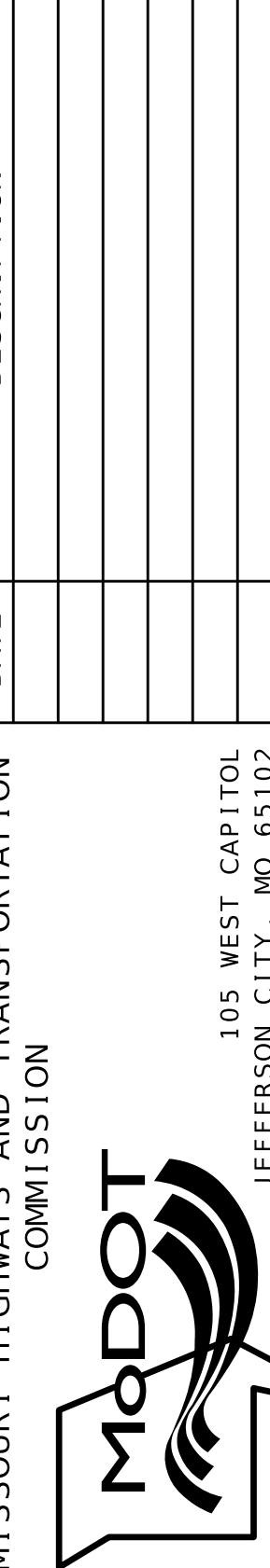
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

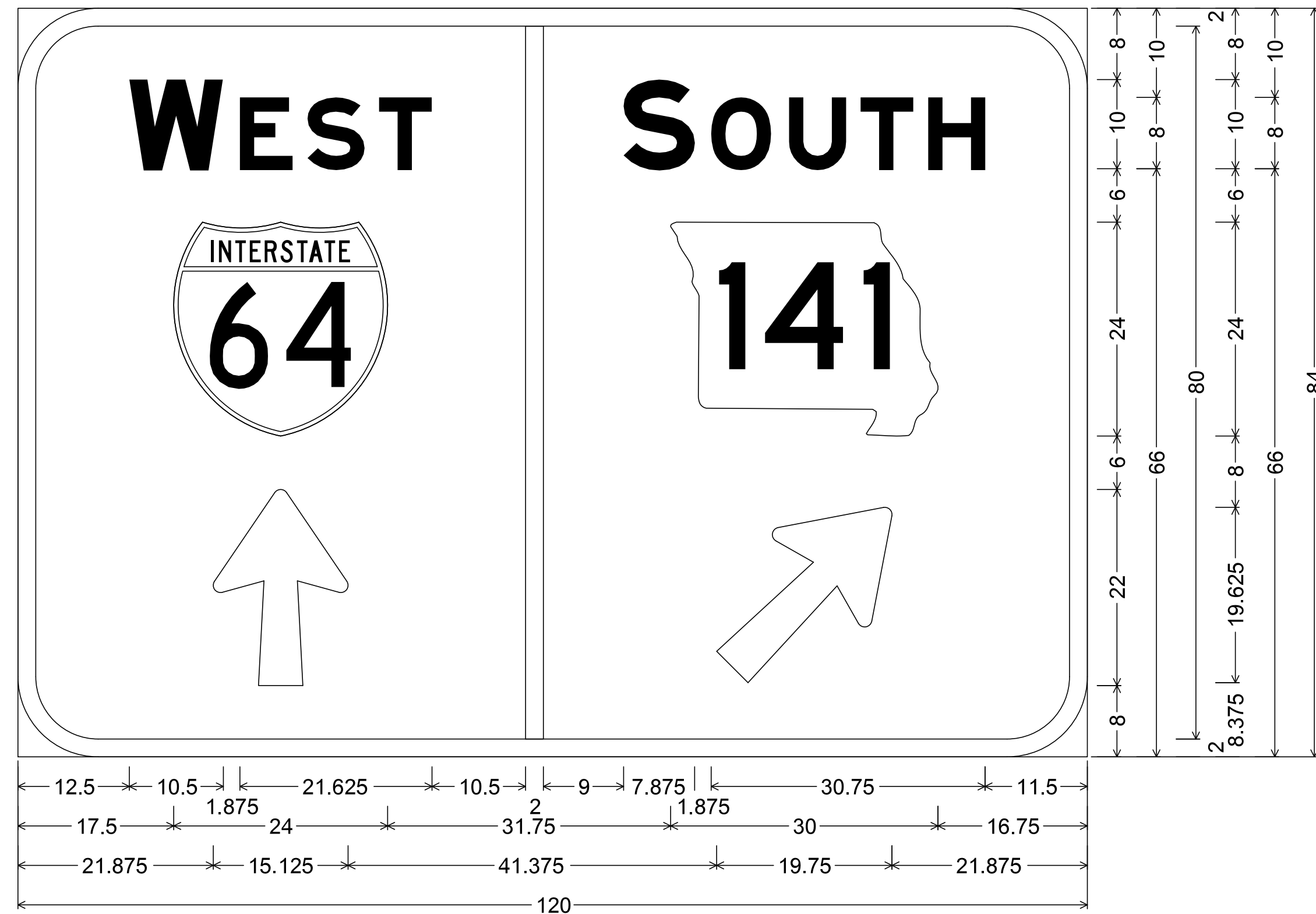
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



SIGN SHEET

D-31

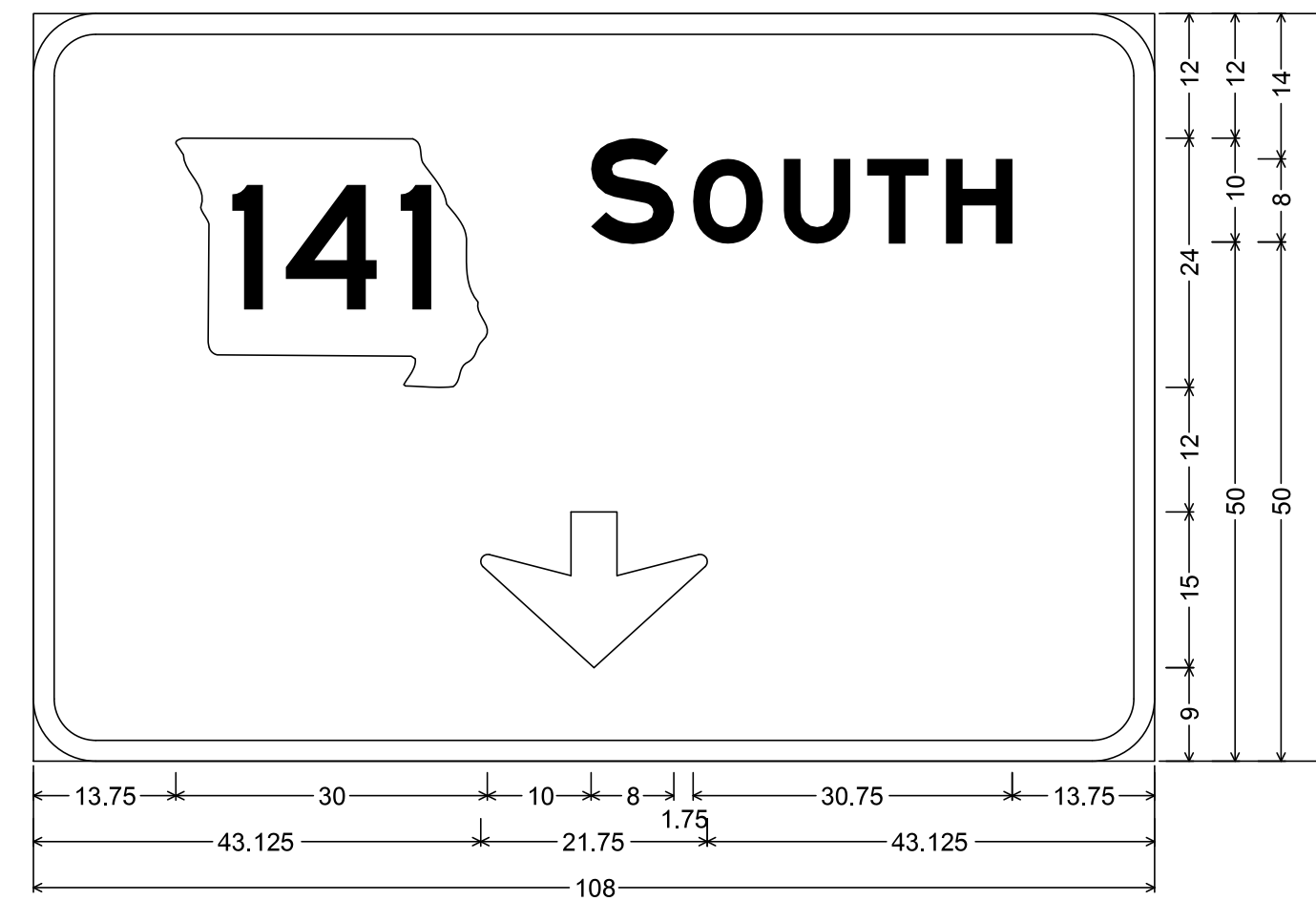
1 OF 3



E1-1 ST-STRUCTURAL;
 9.000" Radius, 2.000" Border, White on, Green;
 "WEST", E Mod; Interstate 64 12.000" C; Arrow 80 - 25.000" 90°; "SOUTH", E Mod;
 State Highway 141 M1-6a1; Arrow 80 - 25.000" 45°;
 Table of letter and object lefts

W	E	S	T	S	O	U	T	H	
12.500	24.875	32.500	40.500	57.000	68.000	77.750	86.500	94.500	102.125
17.500	73.250								
21.875	78.375								

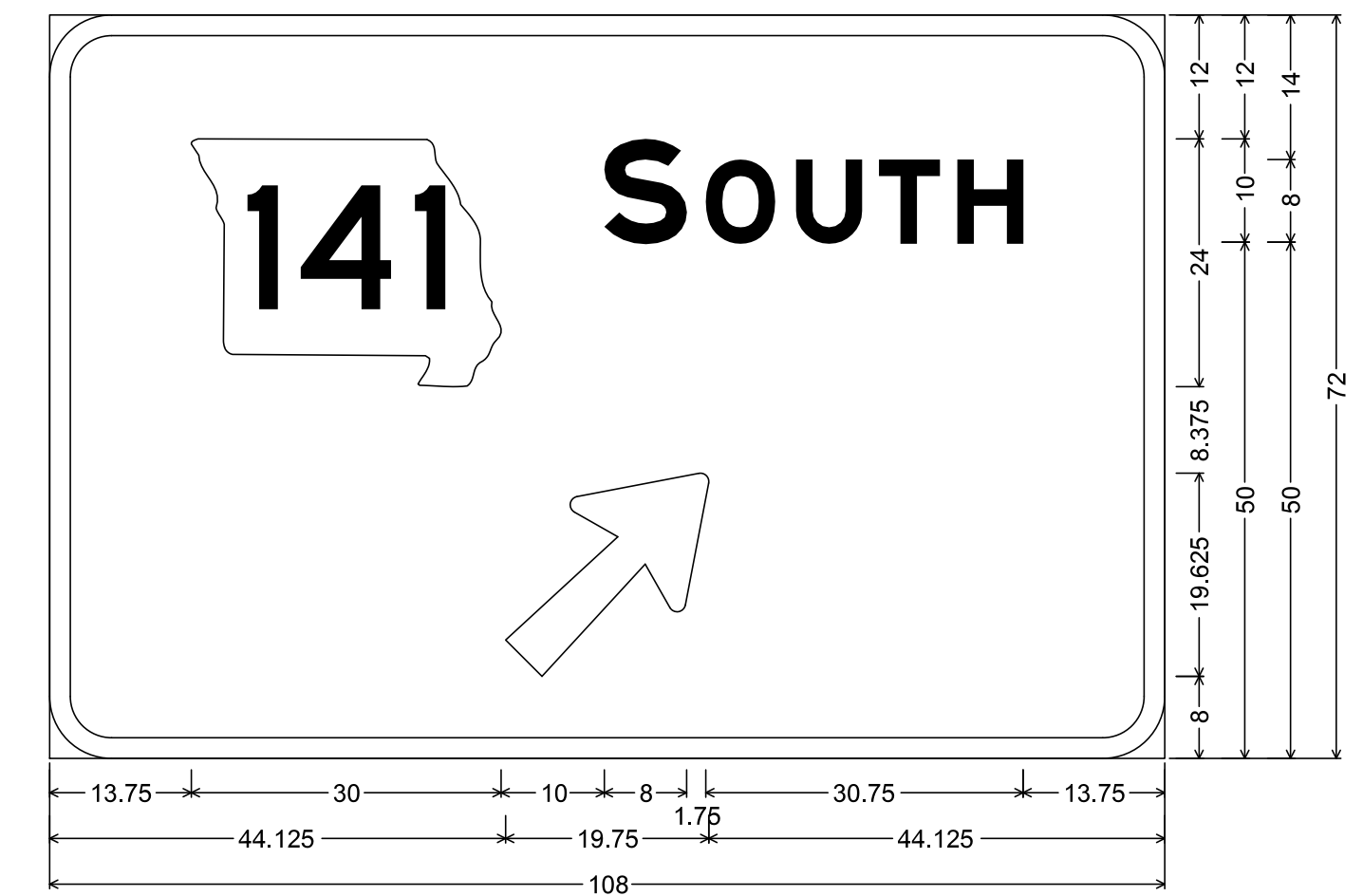
SIGN #	9
STA	2+25.88
ROADWAY	WB RAMP



E1-1 ST-STRUCTURAL;
 6.000" Radius, 2.000" Border, White on, Green;
 State Highway 141 M1-6a1; "SOUTH", E Mod; Down Arrow 22.000" 270°;
 Table of letter and object lefts

S	O	U	T	H	
13.750	53.750	63.500	72.250	80.375	87.875
43.125					

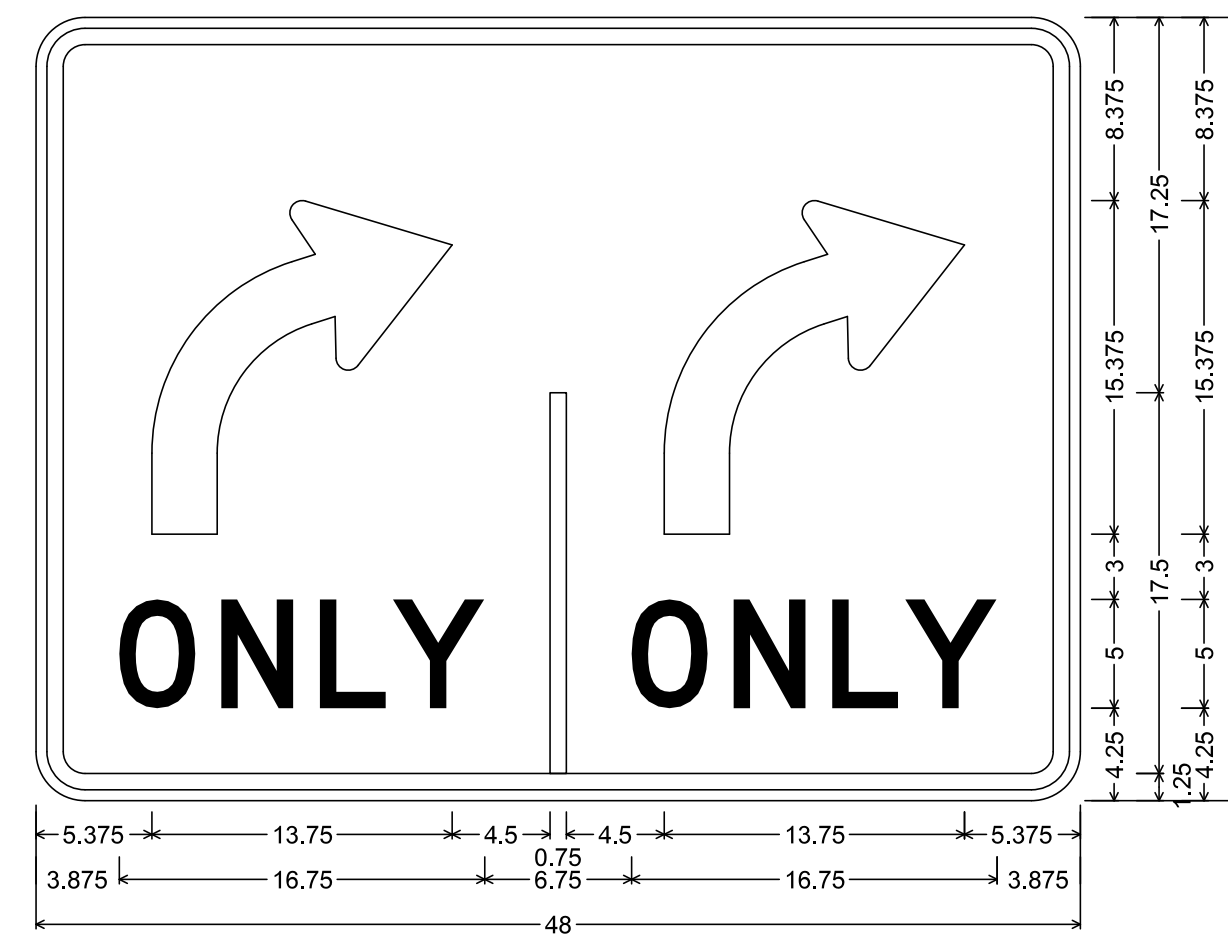
SIGN #	10a
STA	10+33.23
ROADWAY	WB RAMP



E1-1 ST-STRUCTURAL;
 6.000" Radius, 2.000" Border, White on, Green;
 State Highway 141 M1-6a1; "SOUTH", E Mod; Arrow 80 - 25.000" 45°;
 Table of letter and object lefts

S	O	U	T	H	
13.750	53.750	63.500	72.250	80.375	87.875
44.125					

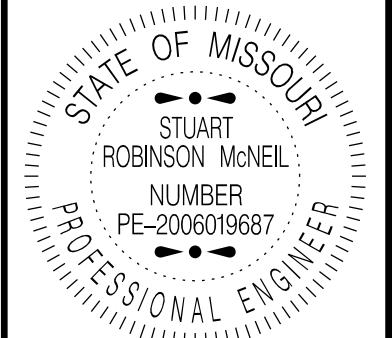
SIGN #	10b
STA	10+33.23
ROADWAY	WB RAMP



R3-8 SH-FLAT SHEET;
 2.250" Radius, 0.750" Border, 0.500" Indent, Black on, White;
 "ONLY", D; "ONLY", D;
 Table of letter and object lefts

O	N	L	Y	O	N	L	Y
3.875	8.500	13.000	16.375	27.375	32.125	36.625	40.000

SIGN #	11 & 12
STA	1+40.00
ROADWAY	WB RAMP R.T.



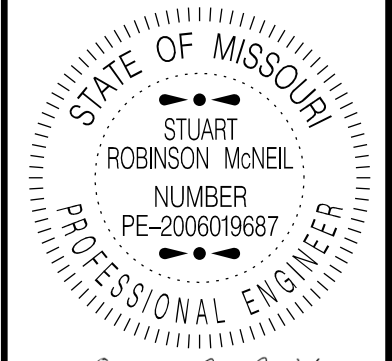
DATE PREPARED
 11/13/2024
 ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 79
 COUNTY ST. LOUIS
 JOB NO. JSL0121
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN SHEET
 D-31
 2 OF 3



STUART ROBINSON McNEIL
 PROFESSIONAL ENGINEER
 NUMBER
 PE-2006019687
 DATE PREPARED
 11/13/2024 3:04:52 PM
 STUART ROBINSON McNEIL - CIVIL
 MO-PE-2006019687

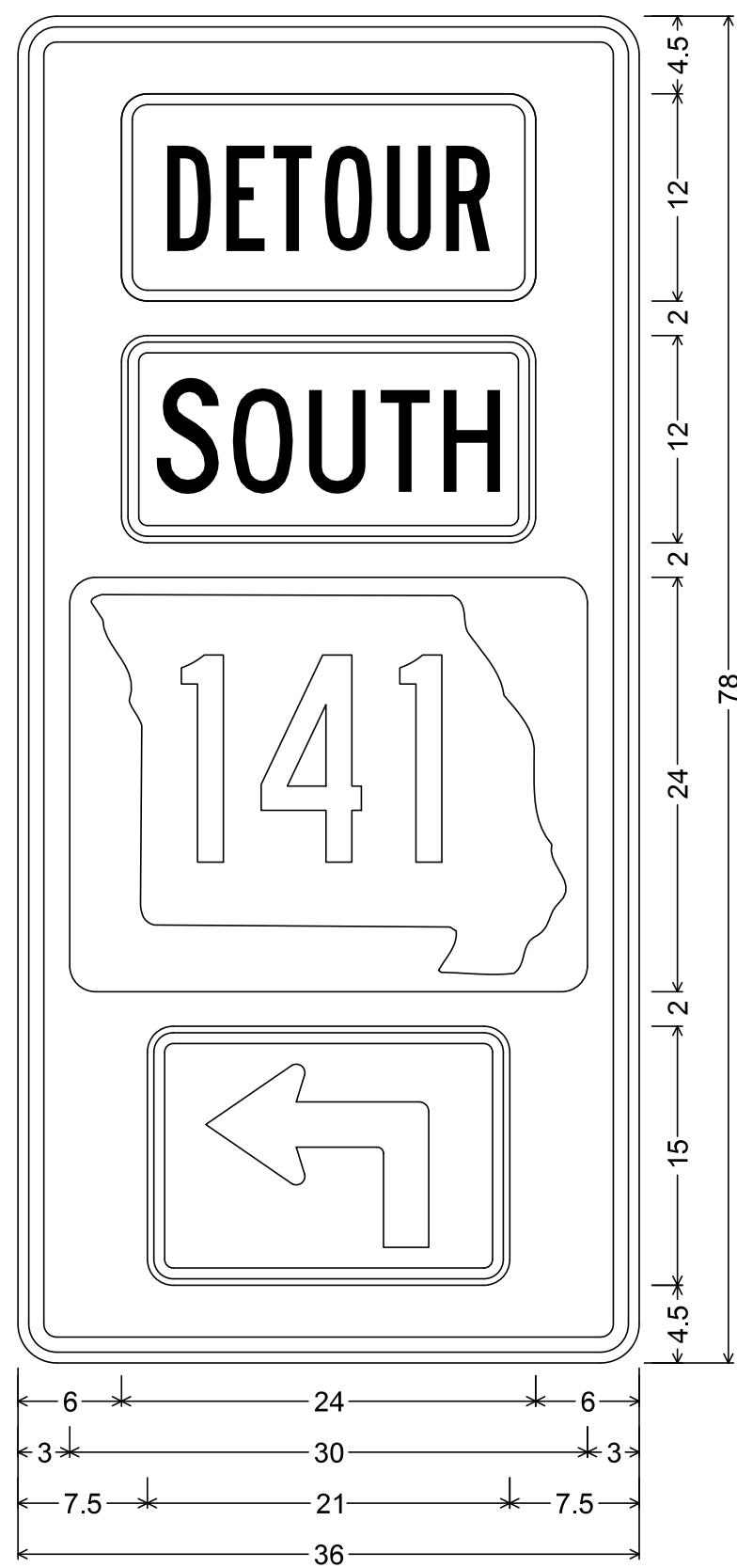
11/13/2024
 ROUTE 141 STATE MO
 DISTRICT SL SHEET NO. 80
 COUNTY ST. LOUIS
 JOB NO. JSL0121
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

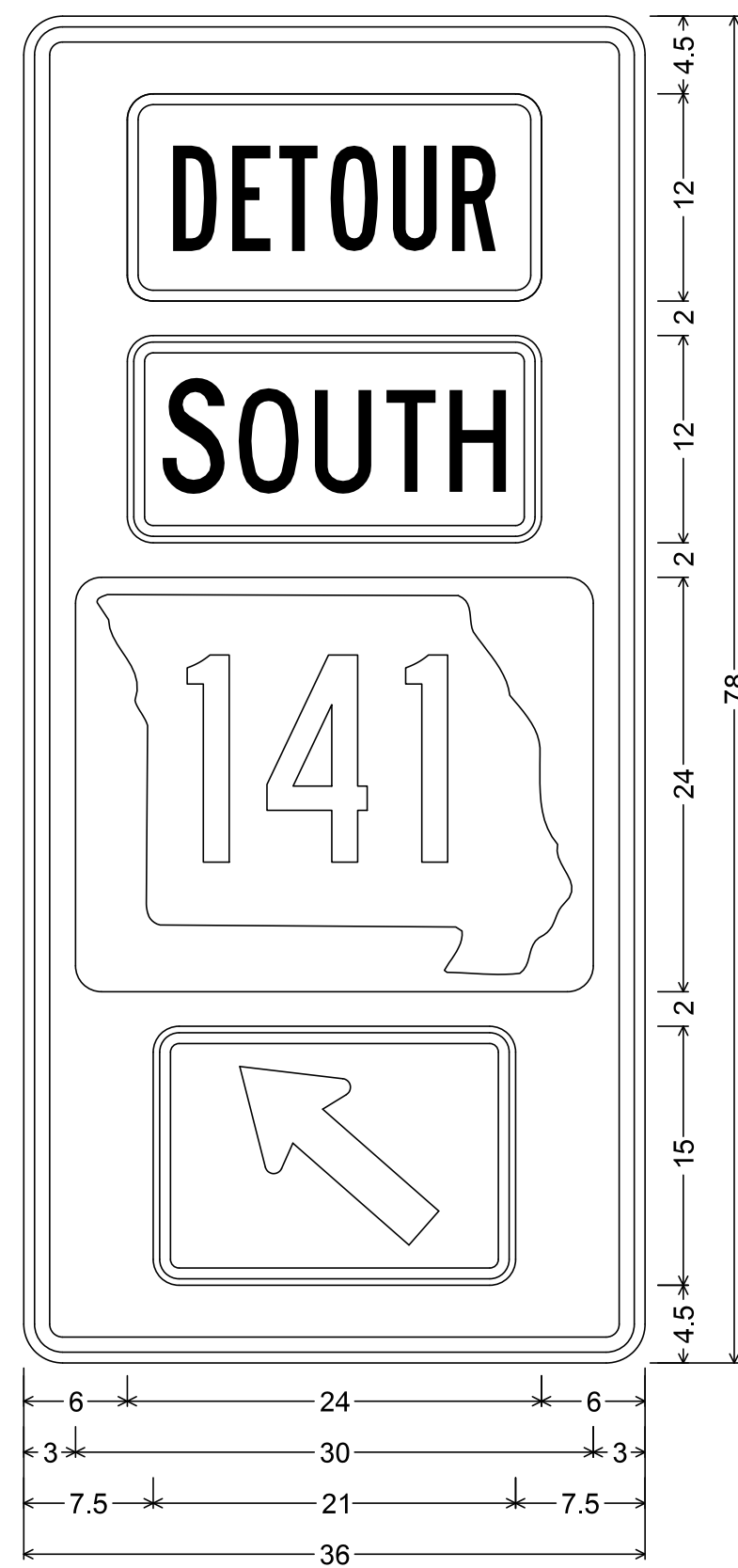
MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

SIGN SHEET
 DETOUR D-31



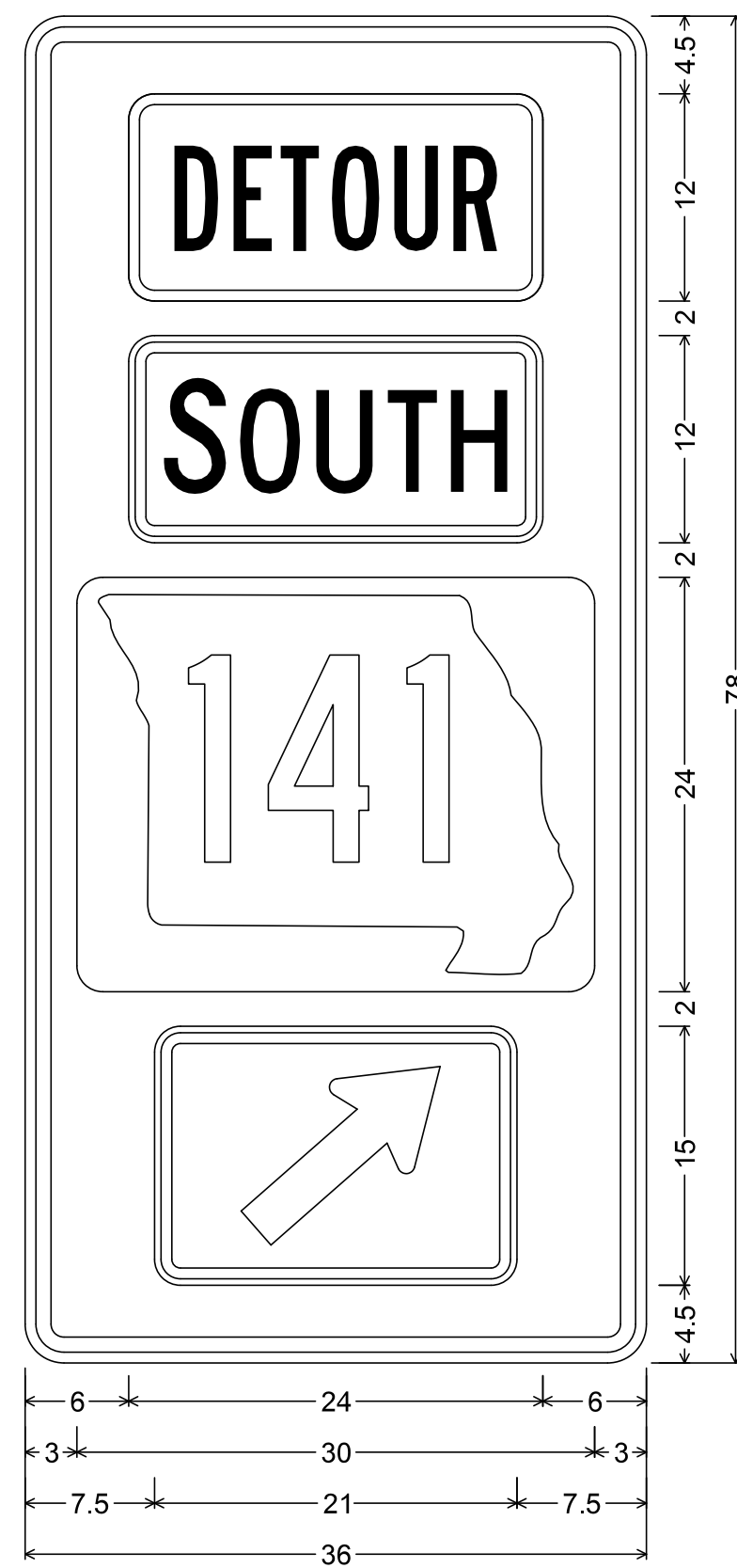
MO4-11 SHF-FLAT SHEET FLUORESCENT;
 2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange;
 Table of letter and object lefts

6.000
6.000
3.000
7.500



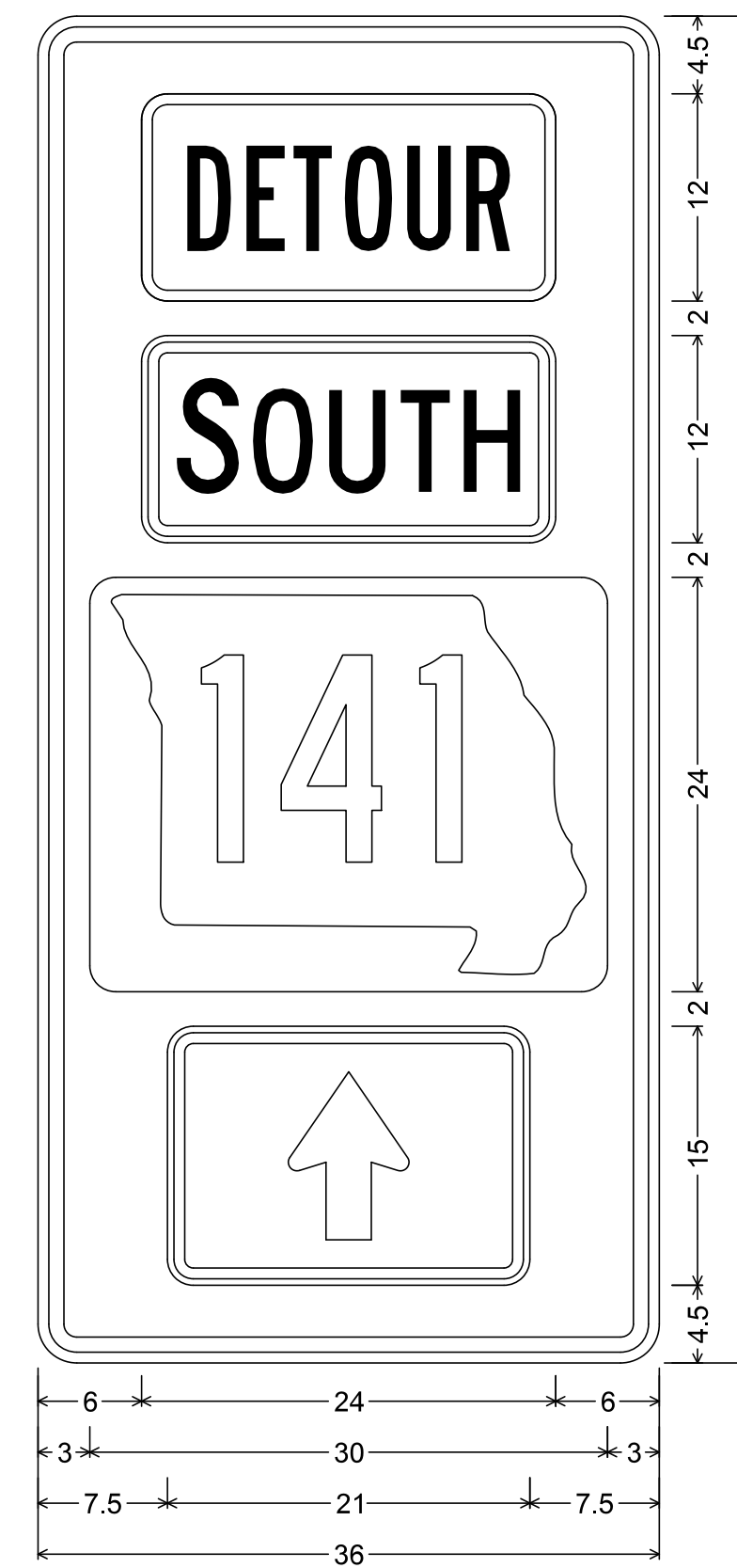
MO4-11 SHF-FLAT SHEET FLUORESCENT;
 2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange;
 Table of letter and object lefts

6.000
6.000
3.000
7.500



MO4-11 SHF-FLAT SHEET FLUORESCENT;
 2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange;
 Table of letter and object lefts

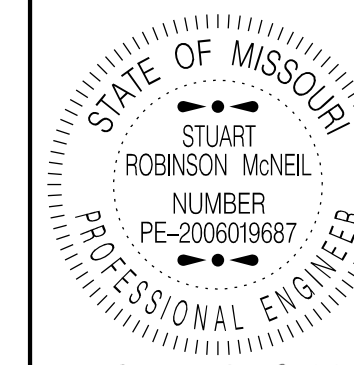
6.000
6.000
3.000
7.500



MO4-11 SHF-FLAT SHEET FLUORESCENT;
 2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange;
 Table of letter and object lefts

6.000
6.000
3.000
7.500

DETOUR SIGNS
 (SEE TRAFFIC CONTROL SHEETS)



11/13/2024 3:07:26 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/13/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 81

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

GENERAL NOTES:

DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS. LUMINAIRES AND TRAFFIC SIGNALS - 2001 AND LATEST INTERIM.

STRUCTURAL CARBON STEEL (ASTM A709 GRADE 36) $f_y = 36,000$ psi.

REINFORCING STEEL (GRADE 60) $f_y = 60,000$ psi.

CLASS B CONCRETE $f'_c = 3,000$ psi.

MINIMUM CLEARANCE: VERTICAL ROADWAY CLEARANCE = 17~6".

MINIMUM CLEARANCE TO REINFORCING SHALL BE 3", UNLESS OTHERWISE SHOWN.

TRUSS SHALL BE ALL WELDED CONSTRUCTION. ALL WELDING TO BE CONTINUOUS UNLESS OTHERWISE SHOWN.

QUALIFICATION OF WELDING OPERATORS WILL BE REQUIRED.

STRUCTURAL STEEL WELDING AND WELDER QUALIFICATION SHALL BE PERFORMED IN ACCORDANCE WITH THE A.W.S. D1.5 BRIDGE WELDING CODE AS AMENDED BY THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS ON STRUCTURAL STEEL CONSTRUCTION.

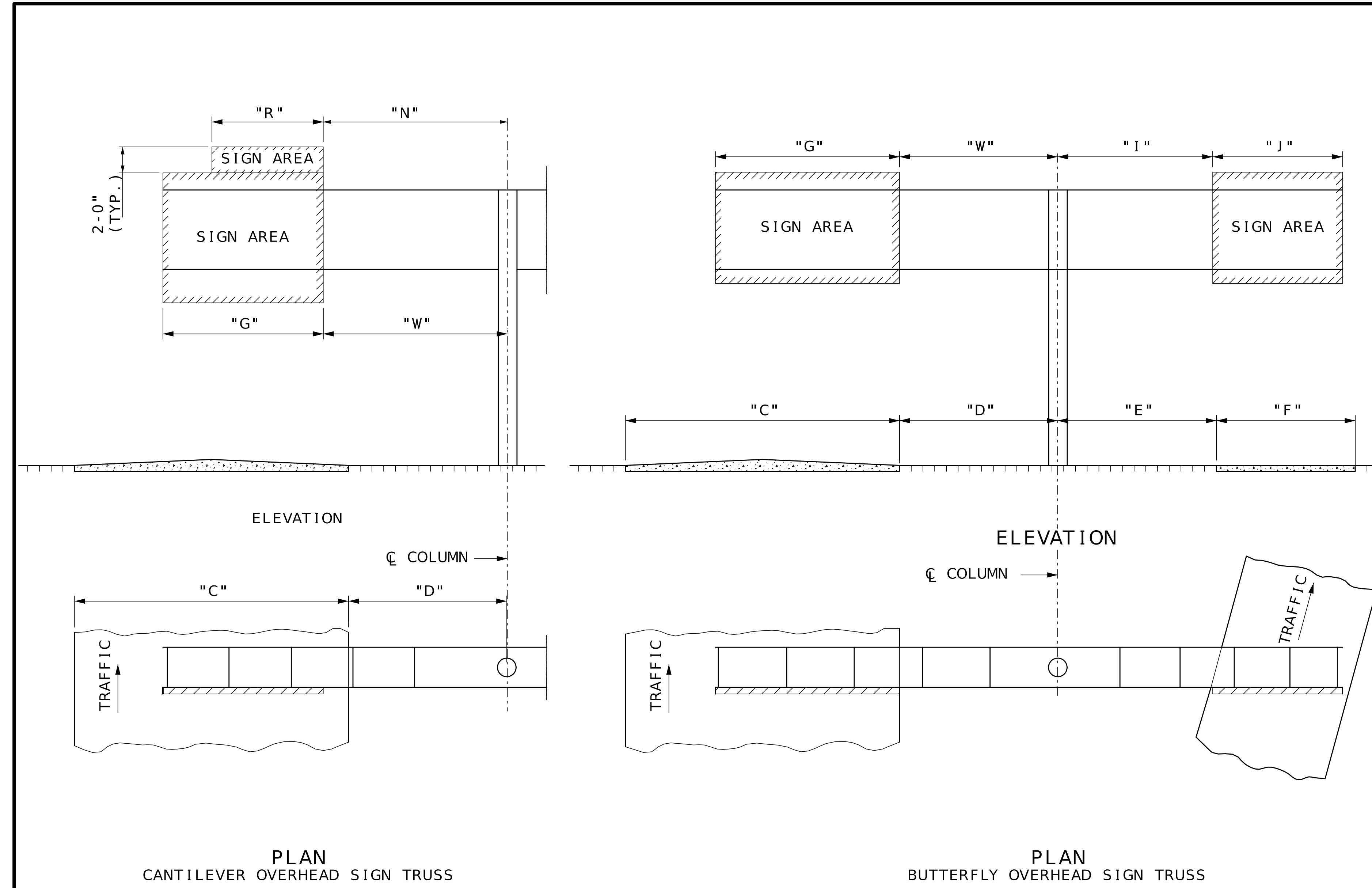
ALUMINUM WELDING AND WELDER QUALIFICATION SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF A.W.S. D1.2 STRUCTURAL WELDING CODE - ALUMINUM, EXCEPT AS AMENDED BY SECTION 903 OF THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

ALL ALUMINUM FILLET WELDS SHALL BE $\frac{1}{2}$ " UNLESS OTHERWISE SHOWN.

COATING: ALL COLUMNS SHALL BE GALVANIZED AS PER AASHTO M 111. ALL STRUCTURAL STEEL (EXCEPT THE COLUMNS) SHALL BE CLEANED AND COATED WITH SYSTEM G IN ACCORDANCE WITH STANDARD SPECIFICATIONS, SECTION 1081 AND 903 COLOR OF THE FINISHED COAT SHALL BE GRAY.

PAYMENT FOR GALVANIZING, CLEANING AND COATING SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SIGN TRUSS. ALL THE STRUCTURAL STEEL MAY BE GALVANIZED IN LIEU OF COATING. PORTIONS OF THE STEEL MAY BE GALVANIZED WITH THE APPROVAL OF THE ENGINEER.

PERMITS MUST BE OBTAINED FOR ALL TRUCK LOADS OVER LEGAL LENGTH.



OVERHEAD SIGN DIMENSIONS																	
SIGN NO.	STATION NUMBER	TYPE SIGN		COL. H	COL. TYPE	ROADWAY DESCRIPTION	SIGN SPACING							CONCRETE FOOTINGS (CU. YD.)			
		CANT.	BUTTER FLY				"C"	"D"	"E"	"F"	"G"	Ht.	"W"		"I"	"J"	Ht.
3	149+02	23'		17'-8"	IV		44	9			17	11	6				14.6

BUTTERFLY AND CANTILEVER OVERHEAD SIGN TRUSSES STRUCTURAL STEEL

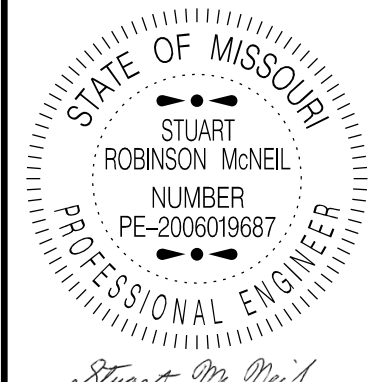
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

MoDOT

SIGN SHEET CANTILEVER SIGN D-32



STATE OF MISSOURI
STUART ROBINSON MCNEIL
 NUMBER
 PE-2006019687
PROFESSIONAL ENGINEER

Stuart McNeil
 11/13/2024 3:07:34 PM
 STUART ROBINSON MCNEIL - CIVIL
 MO-PE-2006019687

DATE PREPARED
11/13/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 82

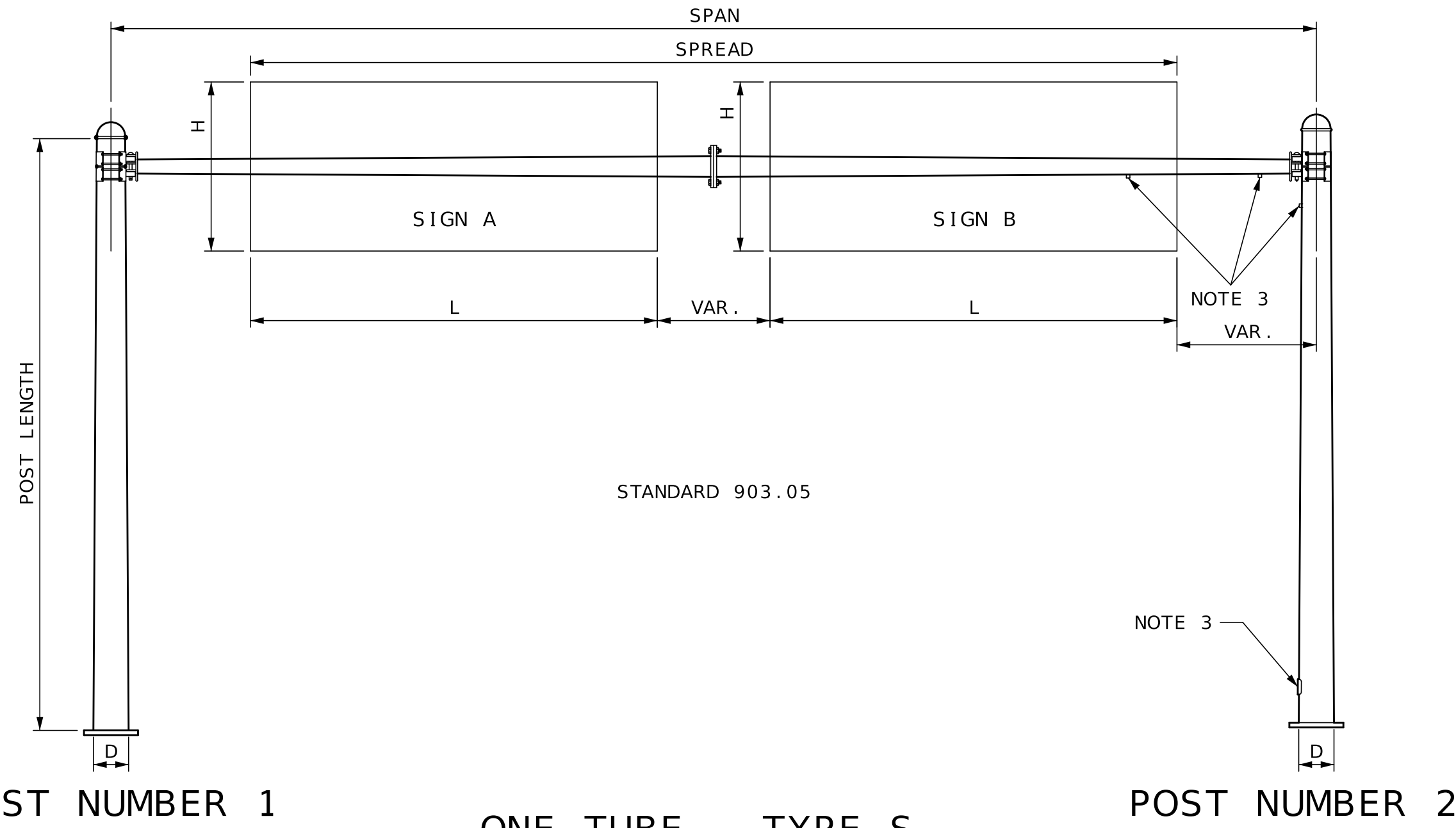
COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

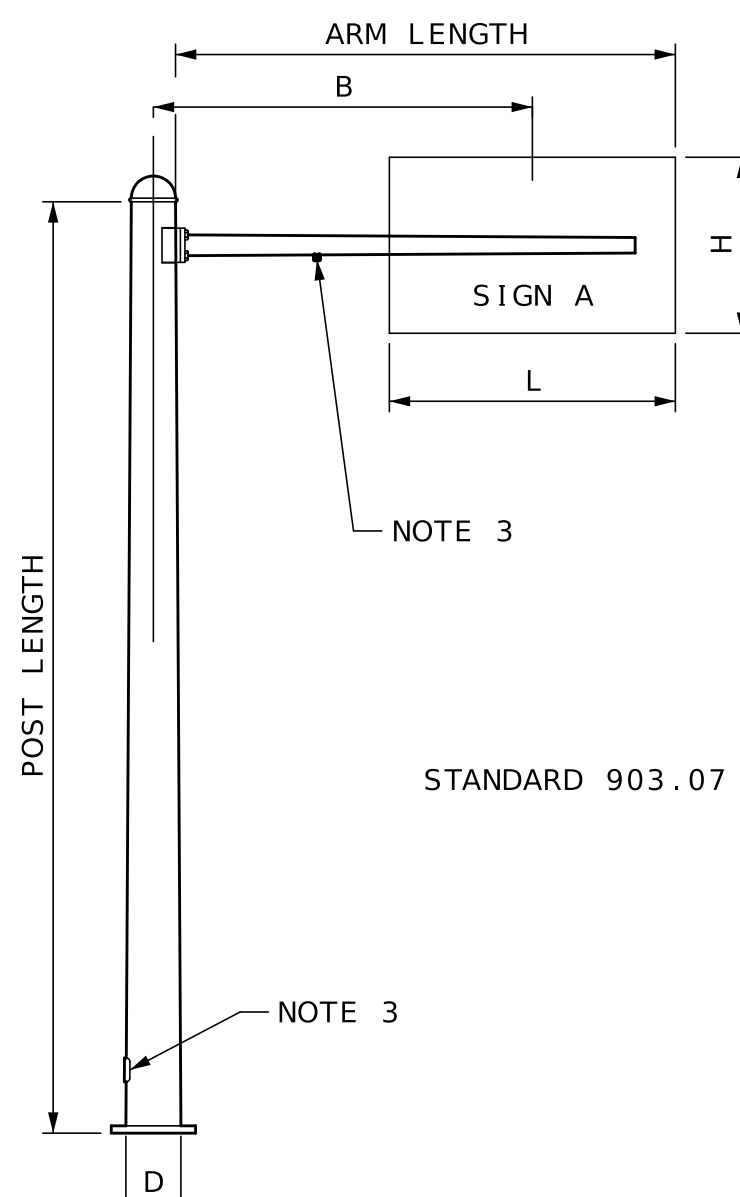
BRIDGE NO.



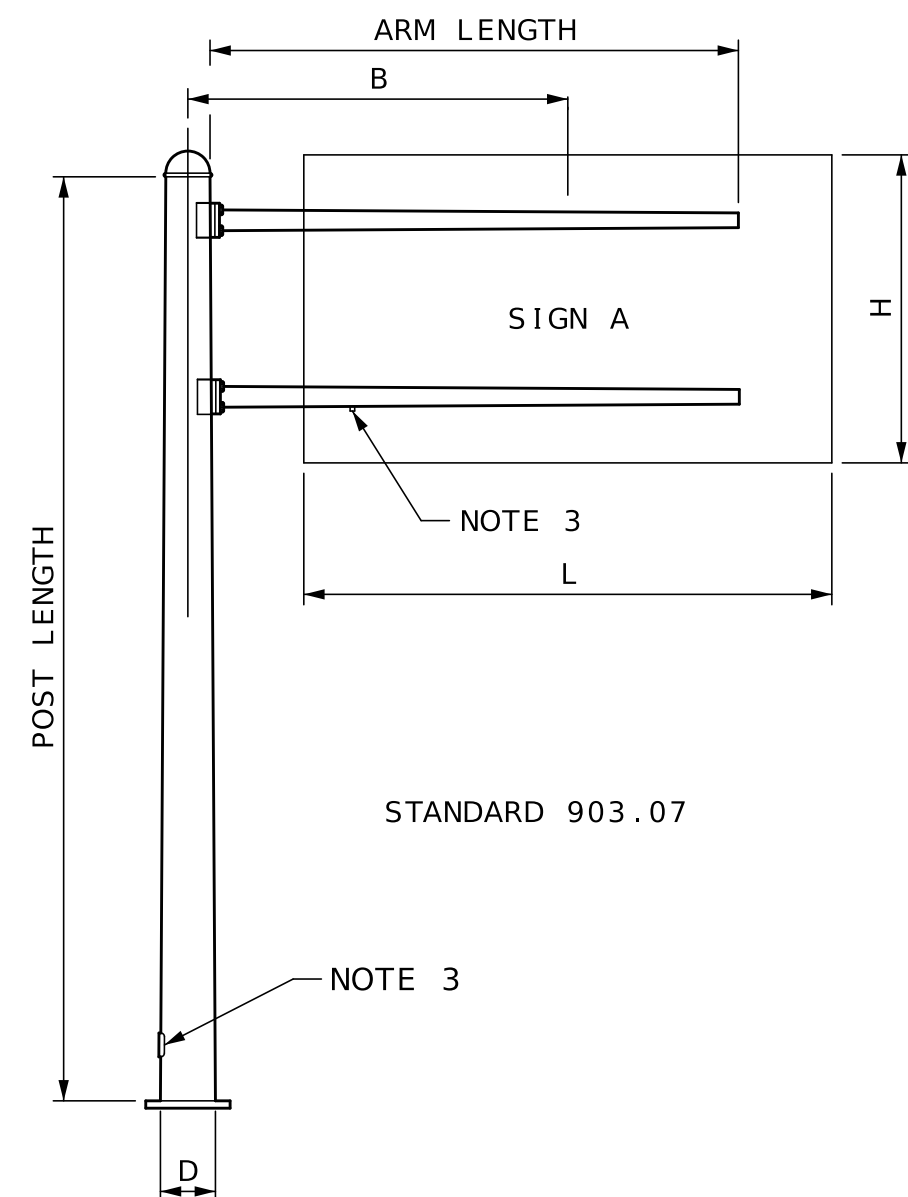
POST NUMBER 1

ONE TUBE - TYPE S

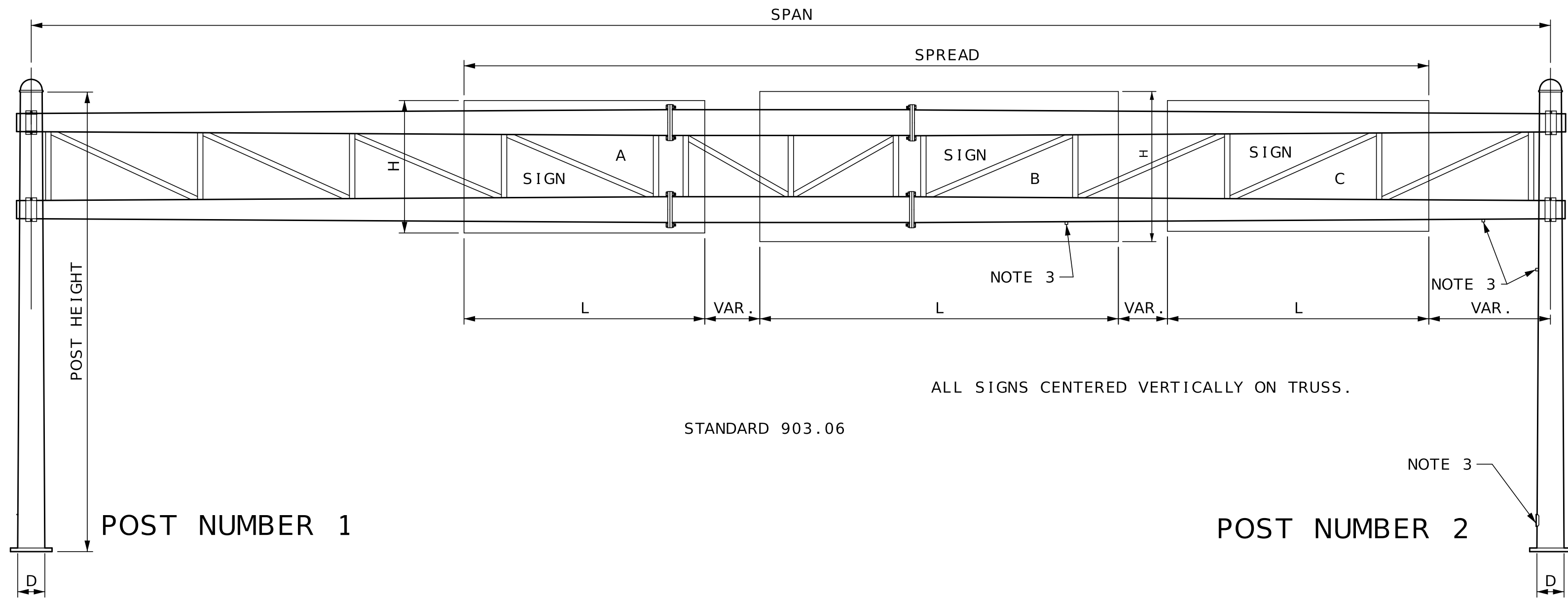
POST NUMBER 2



ONE TUBE - TYPE C



TWO TUBE - TYPE C

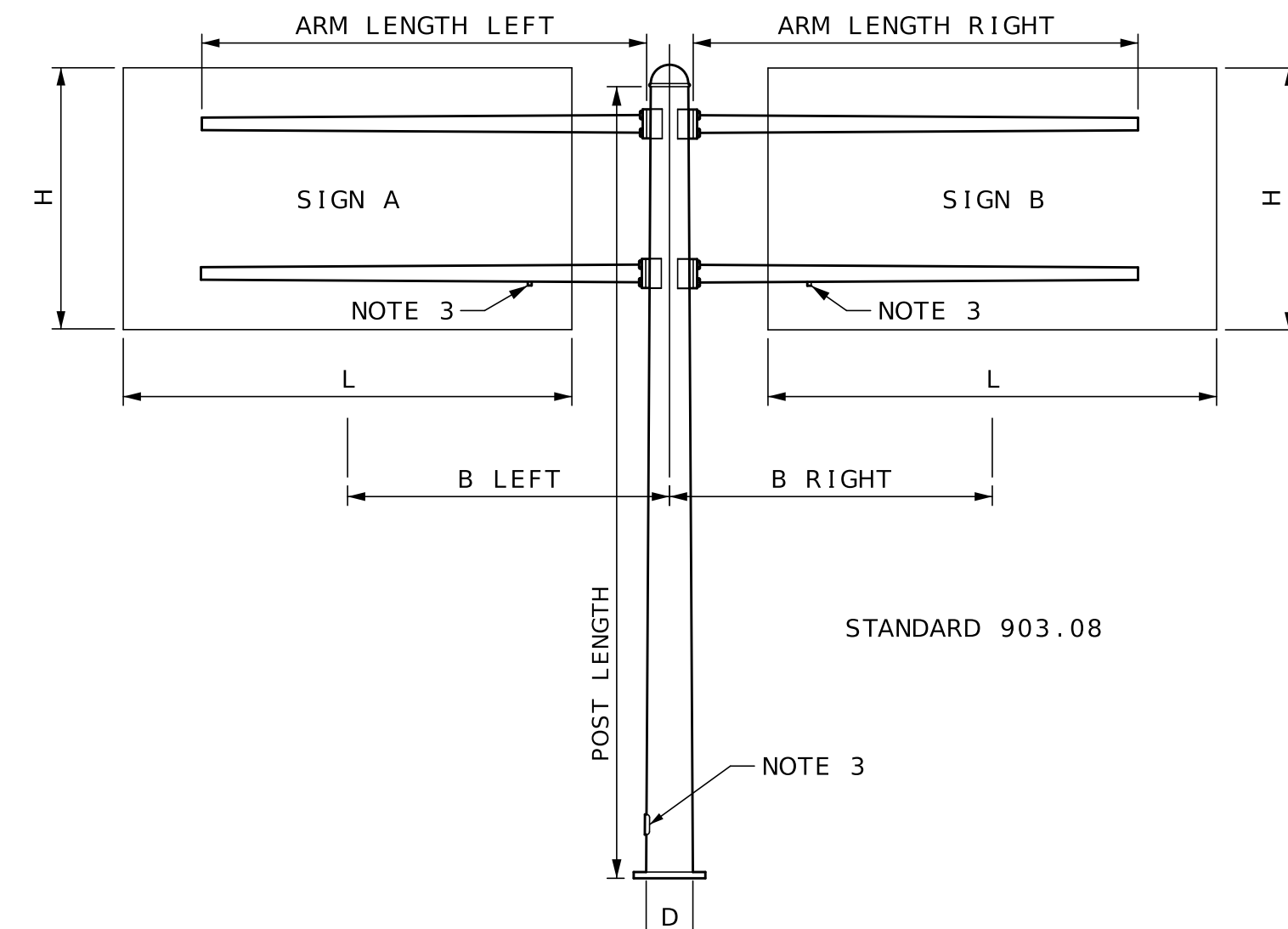


TWO TUBE - TYPE S

POST NUMBER 1

POST NUMBER 2

ALL SIGNS CENTERED VERTICALLY ON TRUSS.



TWO TUBE - TYPE B

TUBULAR STEEL SUPPORT NUMBERING SYSTEM

THE FIRST SYMBOL (LETTER) INDICATES TYPE AS, C FOR CANTILEVER, B FOR BUTTERFLY, S FOR SPAN TYPE.

THE SECOND SYMBOL (NUMBER) INDICATES SINGLE (1) OR DOUBLE (2) MAST ARMS OR TRUSSES.

THE THIRD SYMBOL (NUMBER) INDICATES GAUGE - POST
 7 = 7 GAUGE (.1793") 77 = 7 + 7 GAUGE (.3586")
 3 = 3 GAUGE (.2500") 33 = 3 + 3 GAUGE (.5000")
 0 = 0 GAUGE (.3125") 00 = 0 + 0 GAUGE (.6250")

THE FOURTH SYMBOL (NUMBER) INDICATES DIAMETER IN INCHES OF THE POST BASE.

THE FIFTH SYMBOL (NUMBER) INDICATES LENGTH IN FEET OF ARM OR SPAN.

EXAMPLE: DESIGN NUMBER B-20018-24 INDICATES BUTTERFLY TYPE, TWO ARMS, 2-PLY, 0-GAUGE, 18" DIAMETER AT BASE OF POST & 24' MAST ARMS.

NOTES

1. ALL POSTS, BEAMS, MAST ARMS, ANGLES, BRACKETS & ETC. SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
2. SHOP DRAWINGS ARE NOT REQUIRED.
3. HANDHOLES AND 1¼" BLIND HALF COUPLINGS REQUIRED ON DESIGNATED POSTS. HANDHOLES SHALL BE PLACED ON RIGHT HAND SHOULDER SIDE OF TRUSSES.
4. STRUCTURES DESIGNED FOR TOTAL SIGN AREA COMMENSURATE WITH HEIGHT OF SIGN AND REQUIRED VERTICAL CLEARANCE.
5. DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS - 1985.

TUBULAR STEEL SUPPORT DESIGN DATA STANDARDS 903.05 THRU 903.08

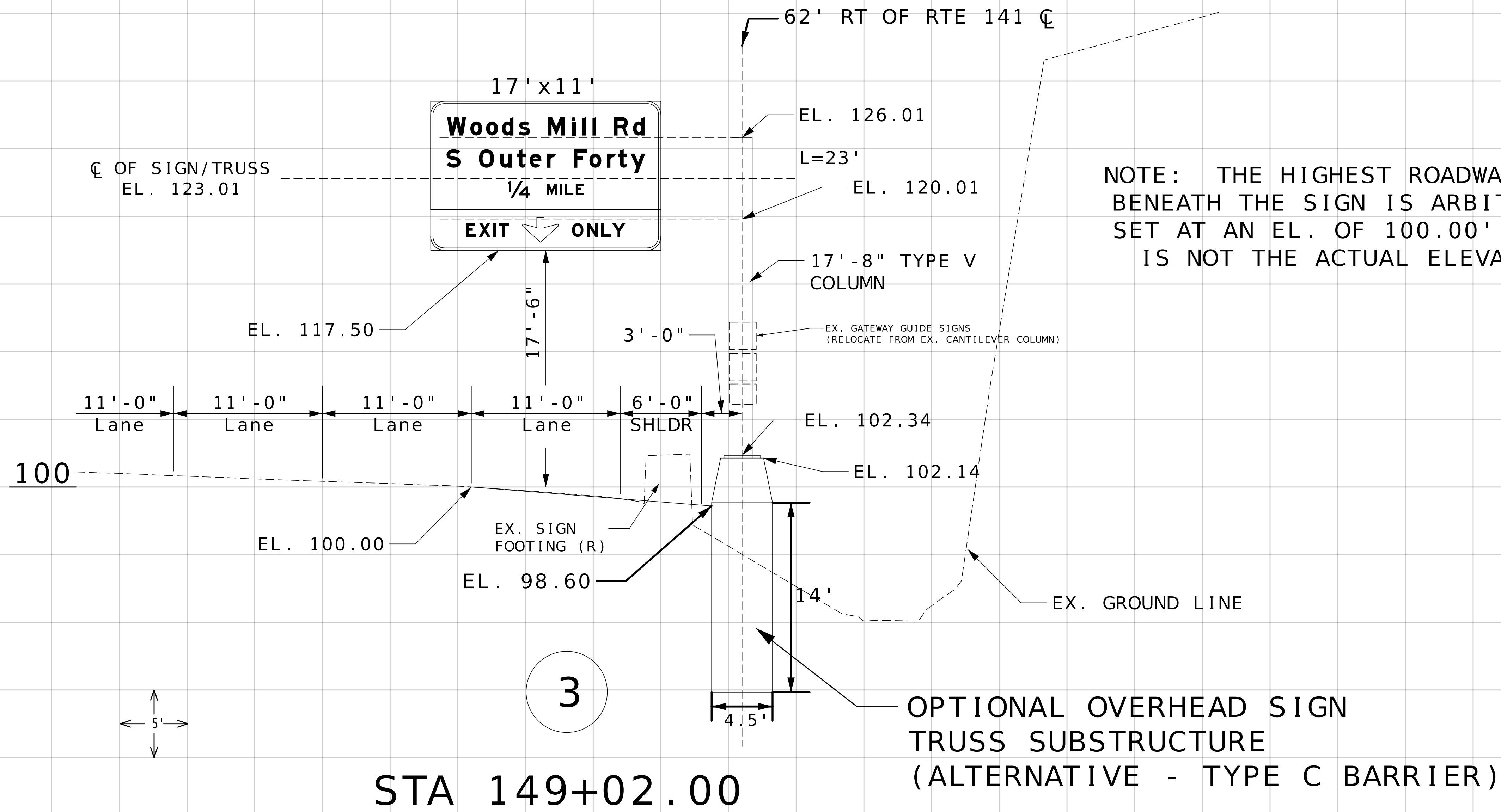
SIGN NUMBER	STATION	LOCATION	STANDARD NUMBER	TYPE	SPAN OR ARM	B LENGTH	POST LENGTH		CONCRETE FOOTINGS	SIGN DATA										TOTAL SQ FT						
							NO. 1	NO. 2		SIGN A			SIGN B			SIGN C			SIGN D			SIGN E				
										FT	FT	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.		FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	SPACE
10	10+33.21	WB RAMP	S-23316.5	S	65'-0"		21.5	27	9.6	SPREAD	L	H	SPACE	L	H	SPACE	L	H	SPACE	L	H	SPACE	L	H	SPACE	108

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN SHEET
 TUBULAR TRUSS
 D-34



NOTE: THE HIGHEST ROADWAY POINT BENEATH THE SIGN IS ARBITRARILY SET AT AN EL. OF 100.00'. THIS IS NOT THE ACTUAL ELEVATION.



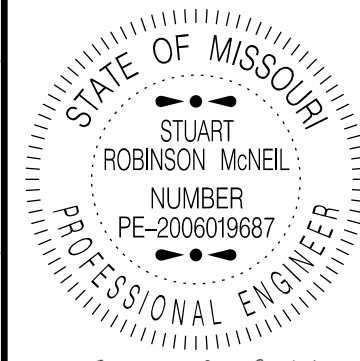
DATE PREPARED
11/13/2024
ROUTE
141
STATE
MO
DISTRICT
SL
SHEET NO.
83
COUNTY
ST. LOUIS
JOB NO.
JSL0121
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN SHEET
CANTILEVER
SIGN



11/13/2024 3:07:52 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/13/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 84

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

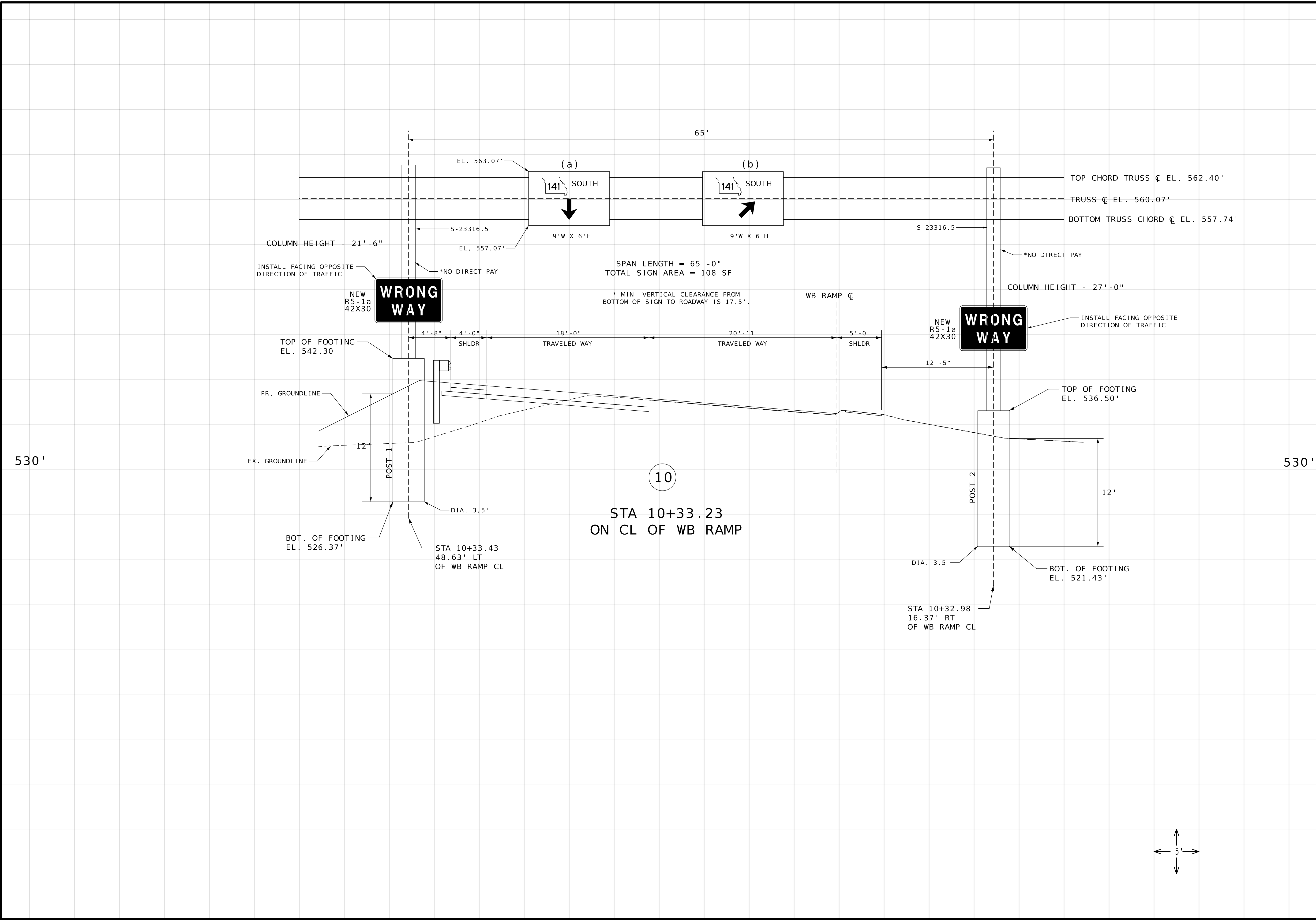
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SIGN SHEET
TUBULAR TRUSS
CROSS SECTION

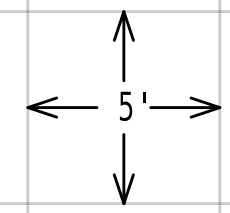


530'

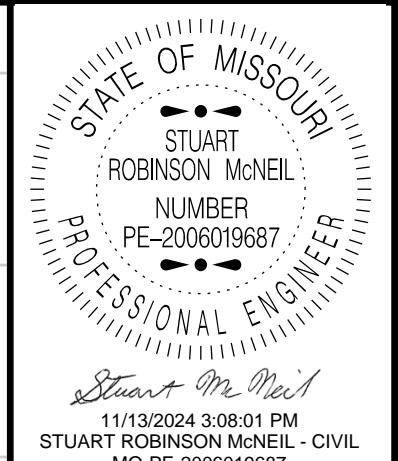
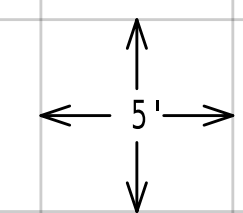
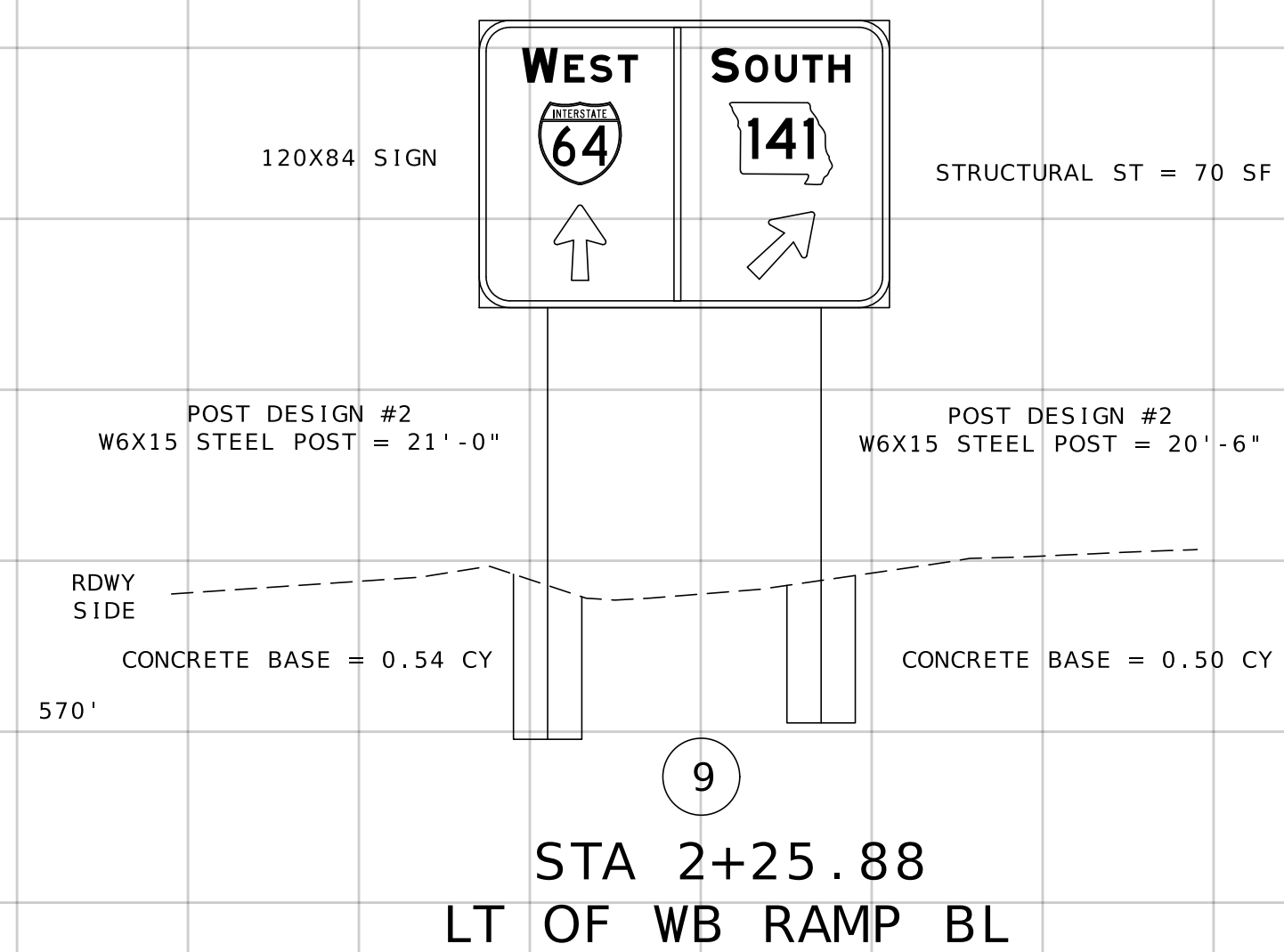
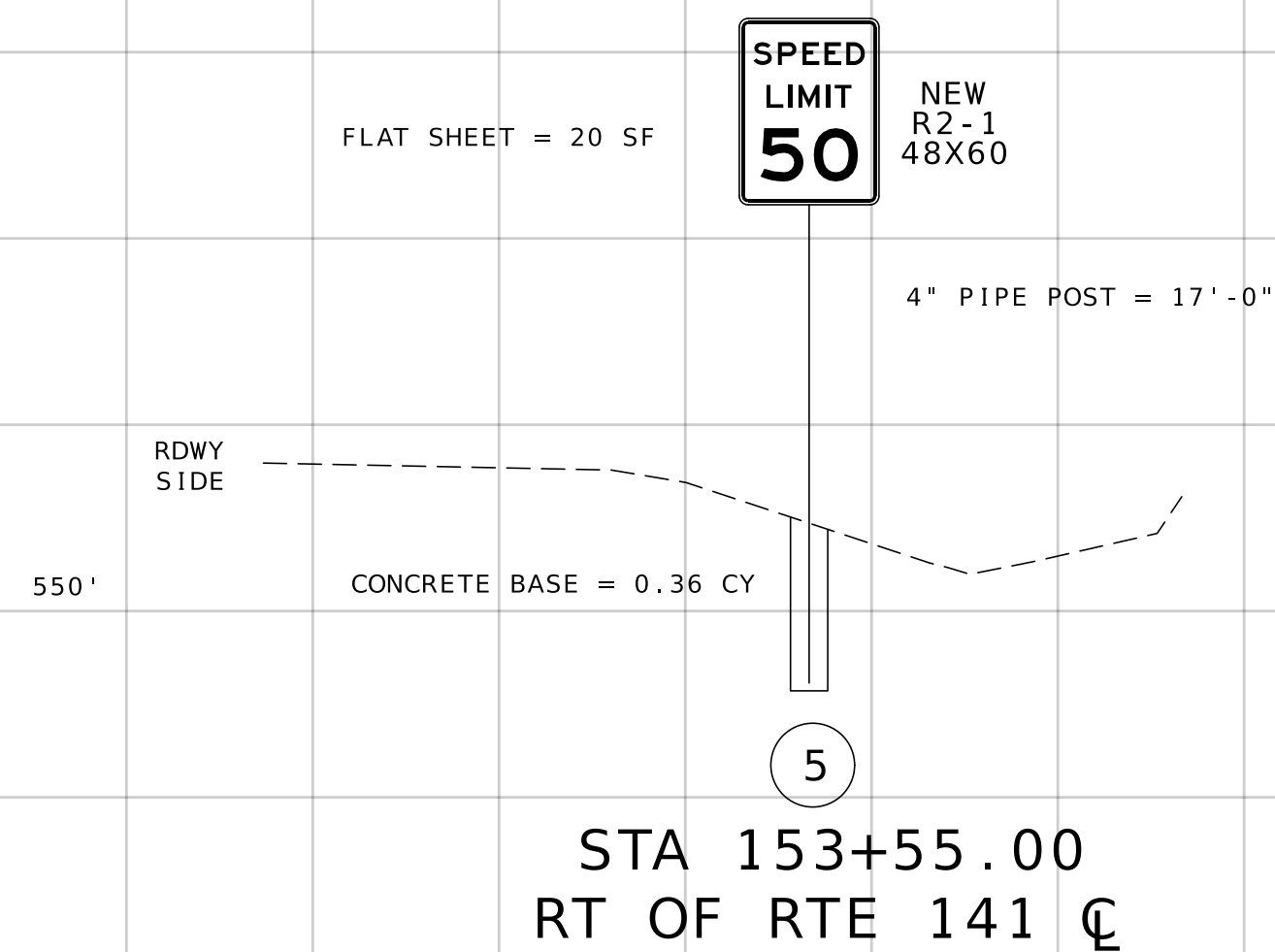
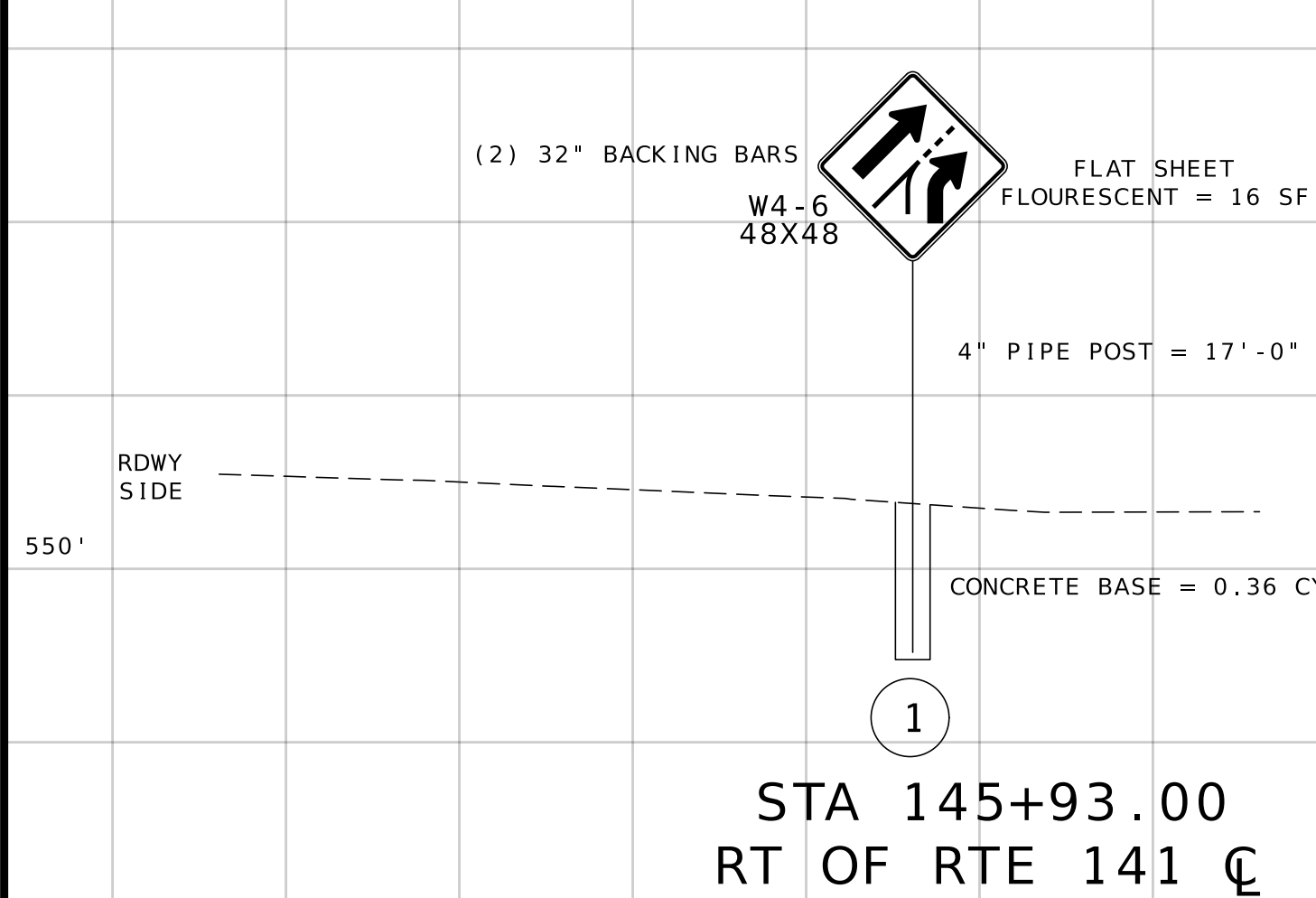
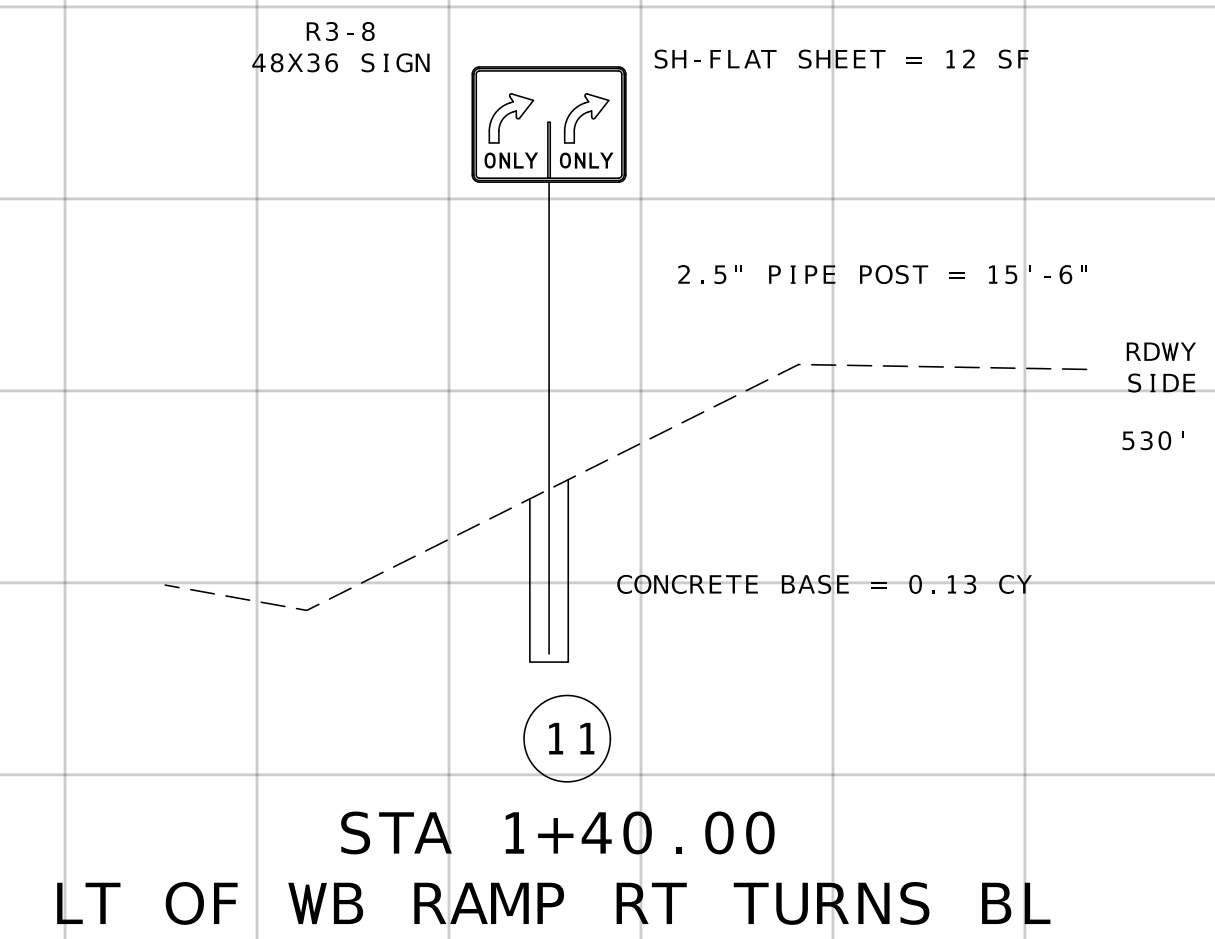
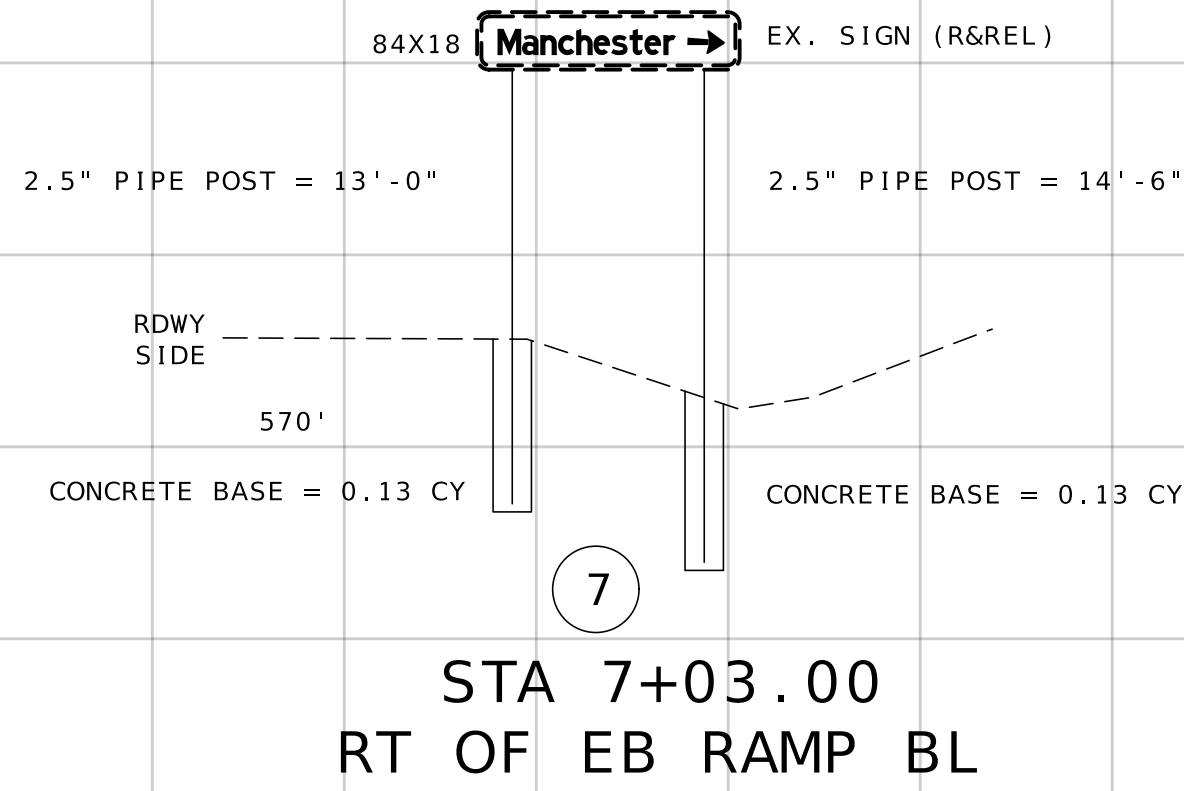
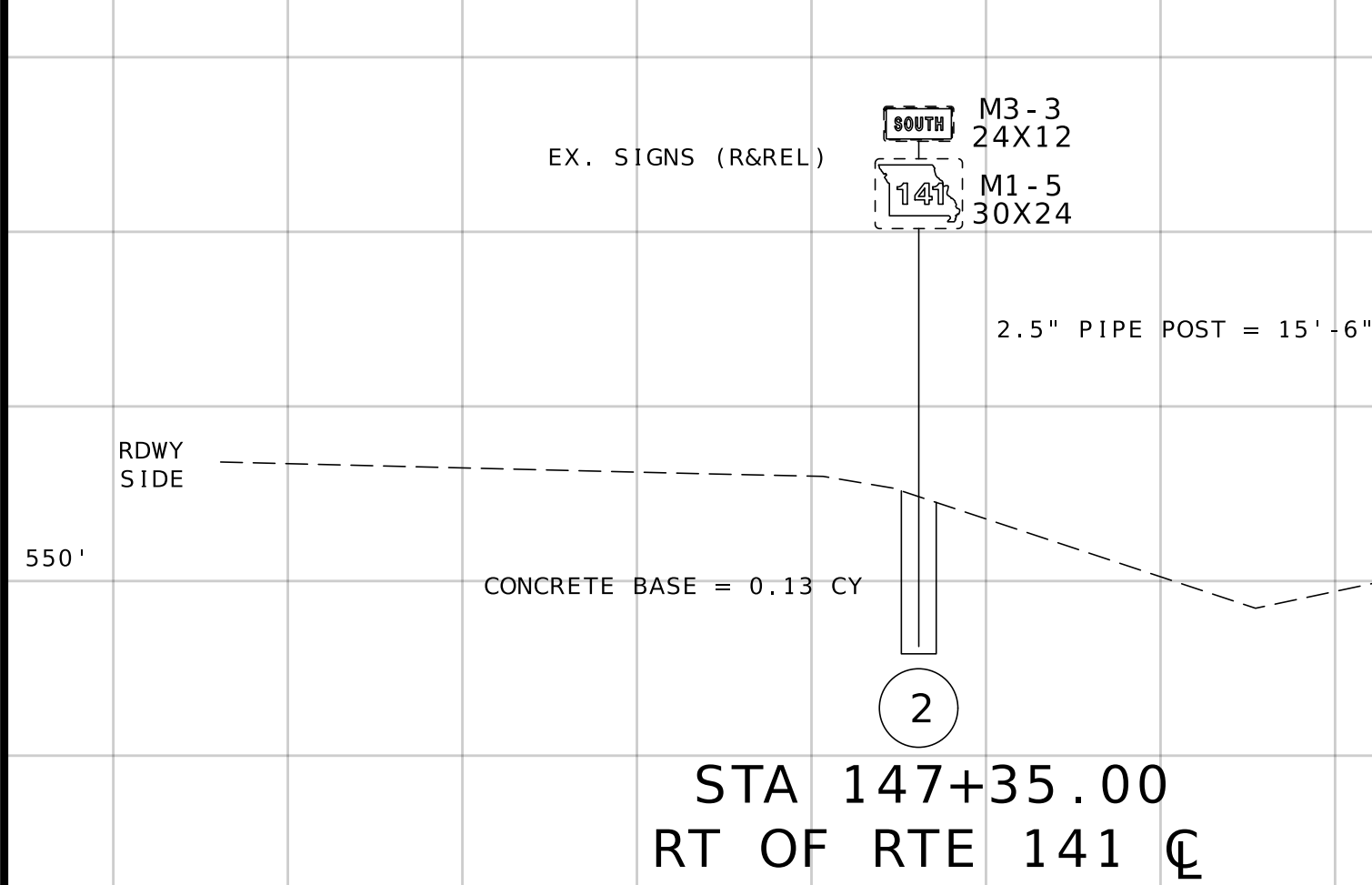
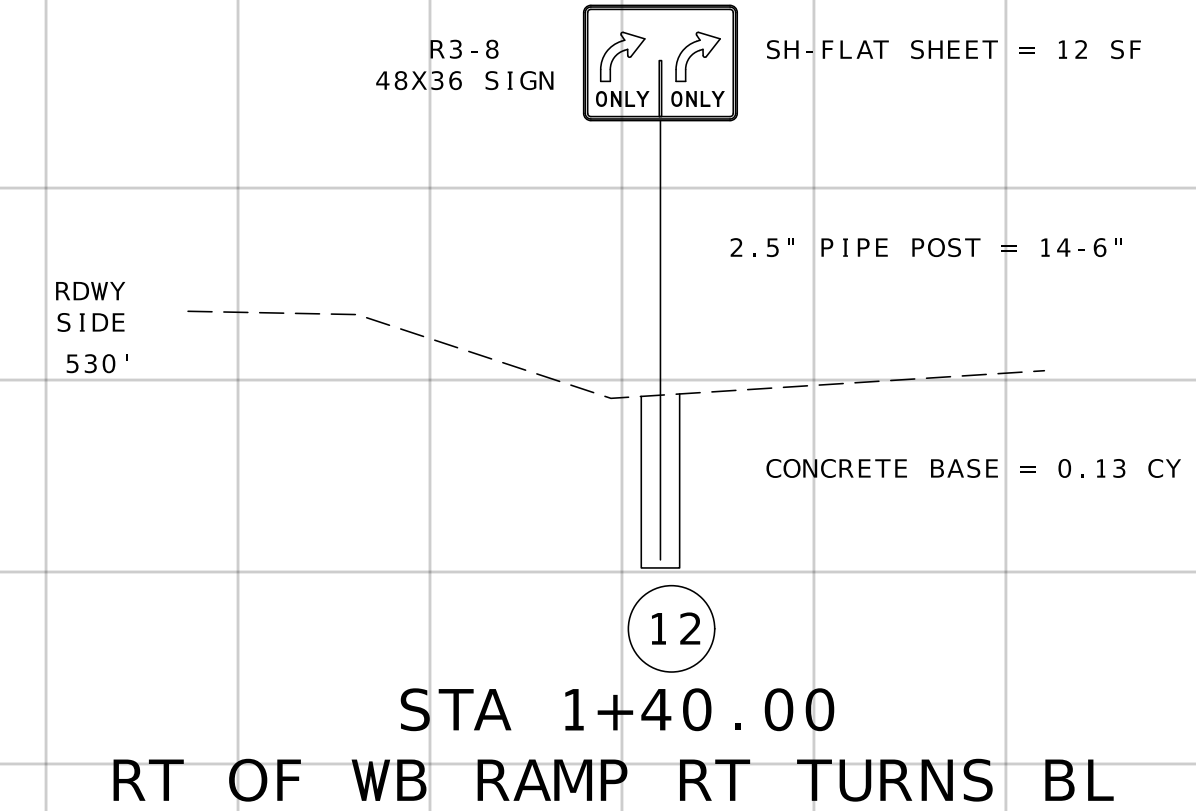
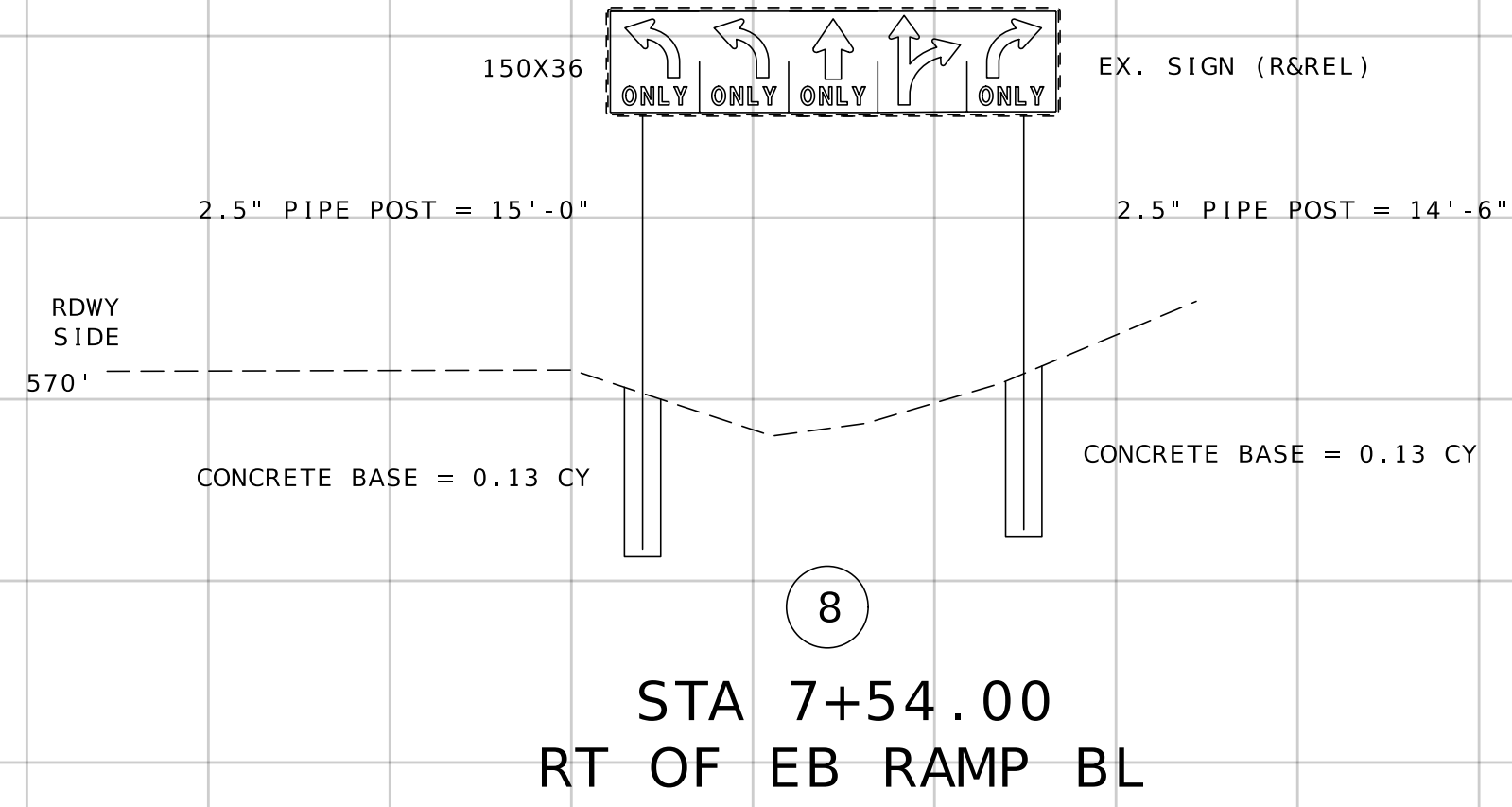
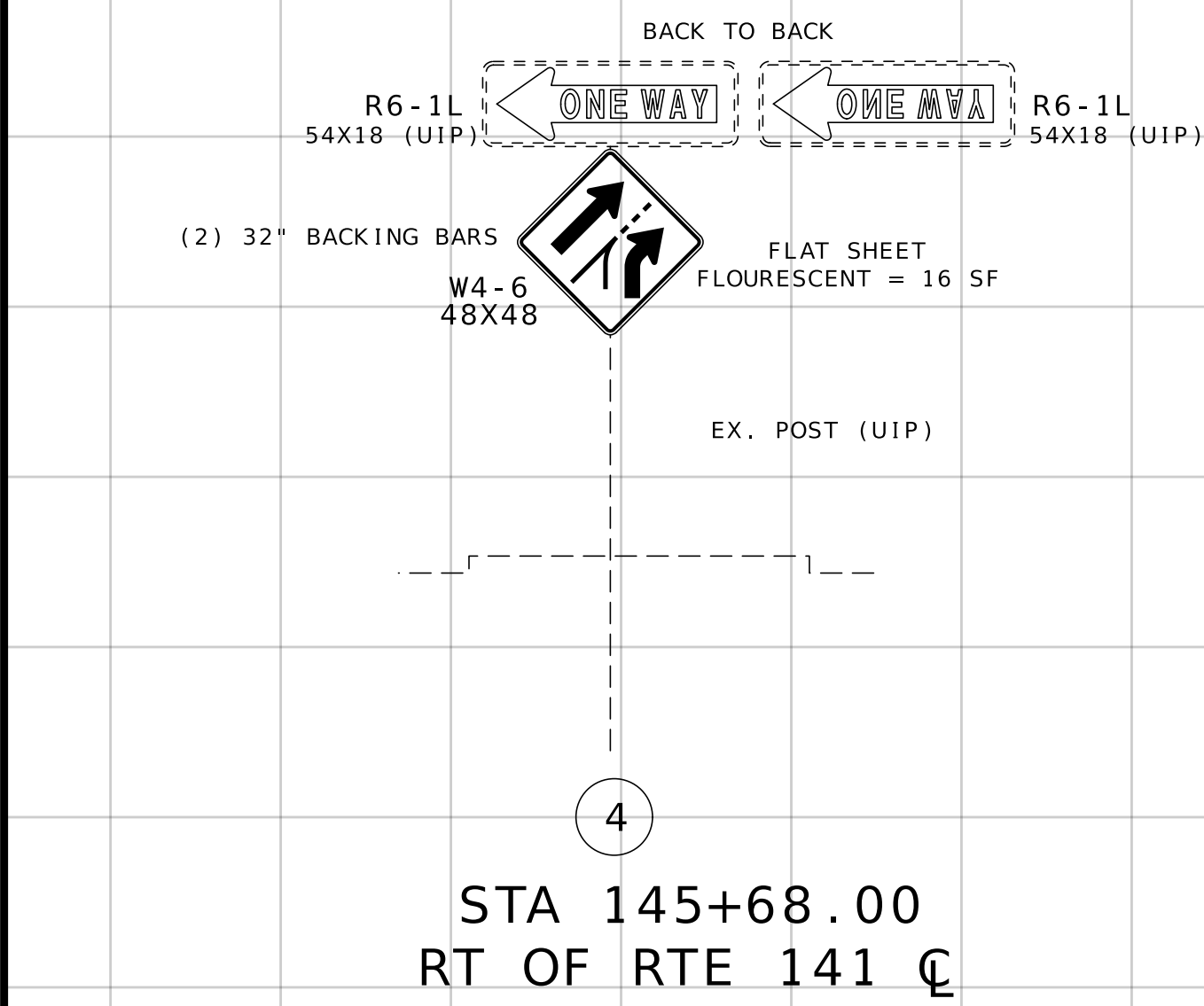
530'

10

STA 10+33.23
ON CL OF WB RAMP



NOTE: PIPE LENGTHS ARE APPROXIMATIONS AND SHOULD BE VERIFIED IN THE FIELD.



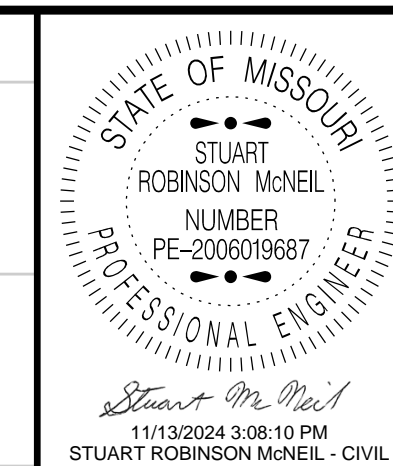
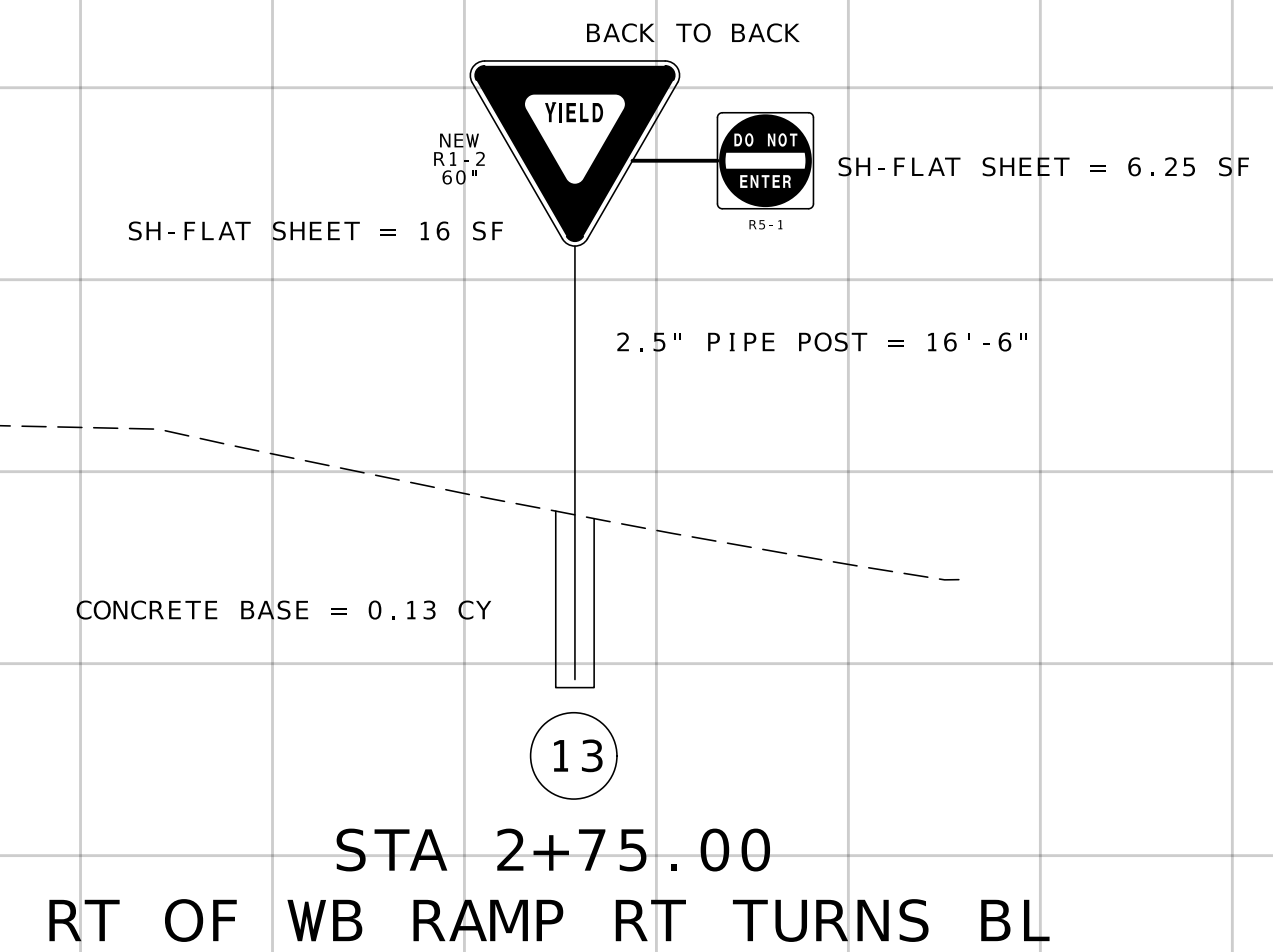
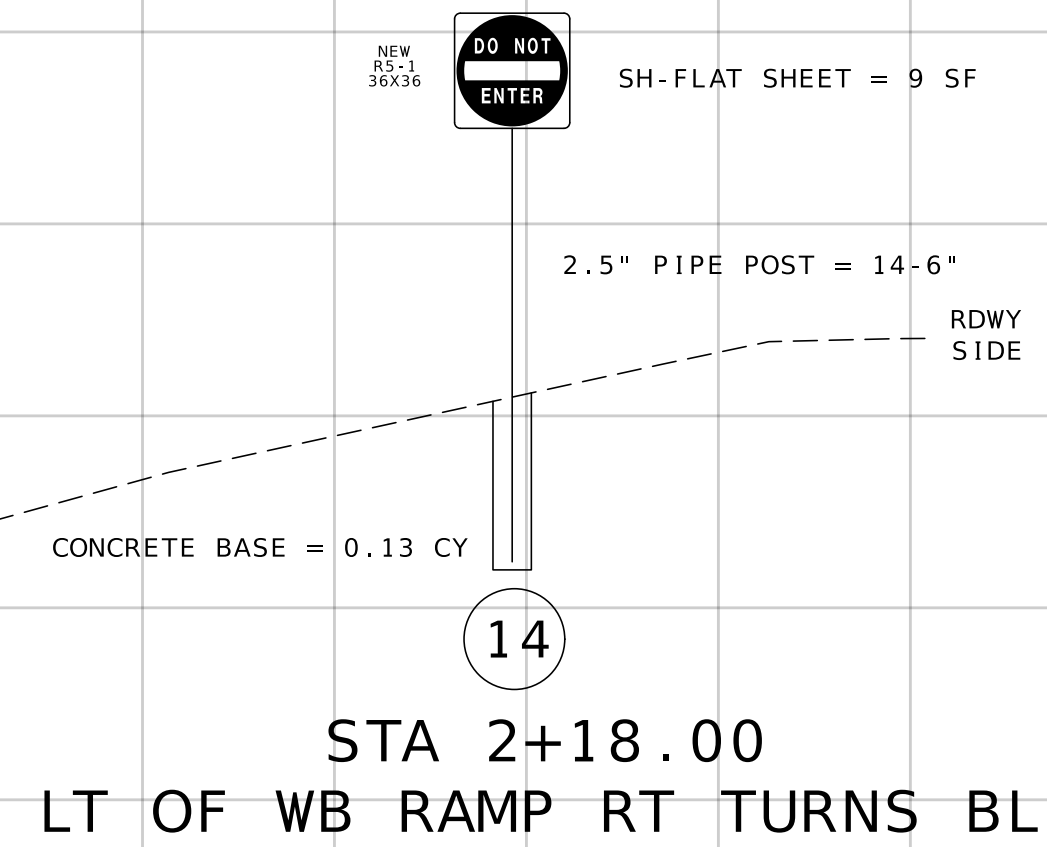
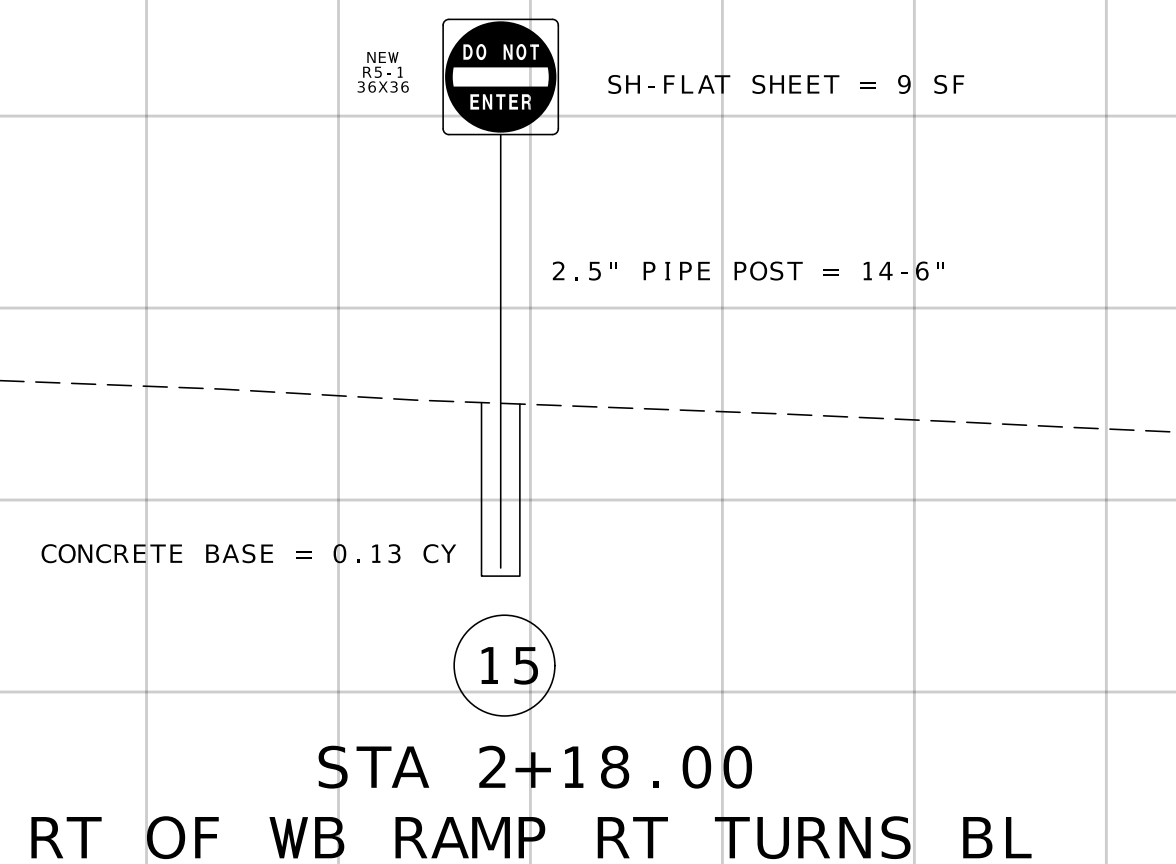
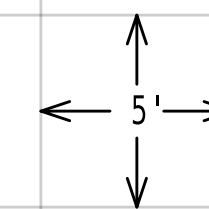
DATE PREPARED
11/13/2024
ROUTE 141 STATE MO
DISTRICT SL SHEET NO. 85
COUNTY ST. LOUIS
JOB NO. JSL0121
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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

SIGN SHEETS CROSS SECTIONS 1 OF 2

NOTE: PIPE LENGTHS ARE APPROXIMATIONS AND SHOULD BE VERIFIED IN THE FIELD.



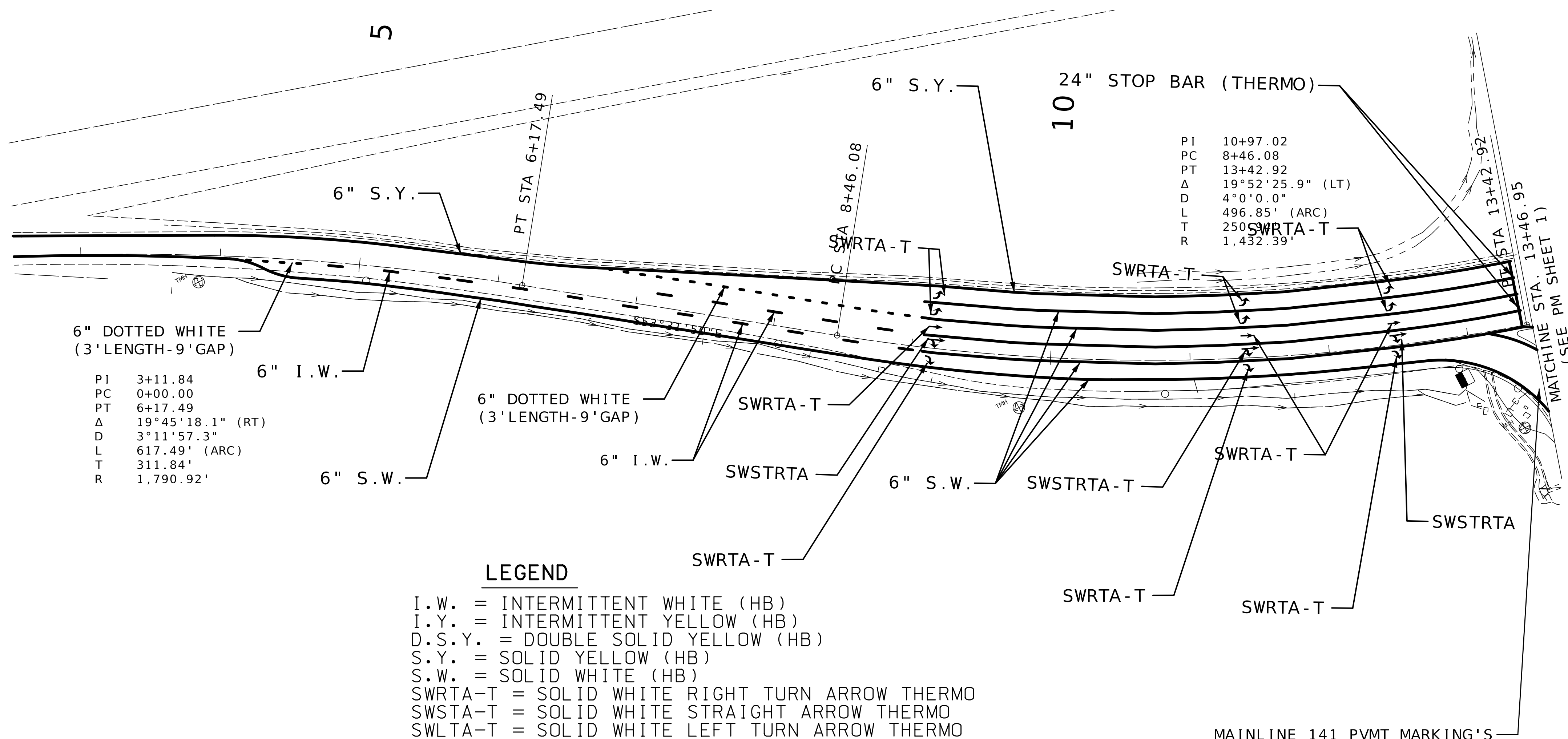
DATE PREPARED 11/13/2024	
ROUTE 141	STATE MO
DISTRICT SL	SHEET NO. 86
COUNTY ST. LOUIS	
JOB NO. JSL0121	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN SHEET
CROSS SECTIONS
2 OF 2

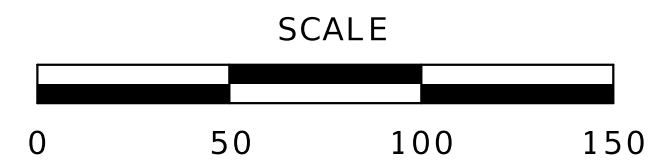


PI	10+97.02
PC	8+46.08
PT	13+42.92
Δ	19°52'25.9" (LT)
D	4°0'0.0"
L	496.85' (ARC)
T	250.99'
R	1,432.39'

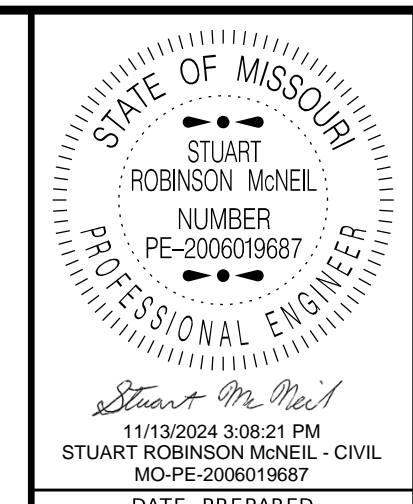
PI	3+11.84
PC	0+00.00
PT	6+17.49
Δ	19°45'18.1" (RT)
D	3°11'57.3"
L	617.49' (ARC)
T	311.84'
R	1,790.92'

LEGEND

I.W. = INTERMITTENT WHITE (HB)
 I.Y. = INTERMITTENT YELLOW (HB)
 D.S.Y. = DOUBLE SOLID YELLOW (HB)
 S.Y. = SOLID YELLOW (HB)
 S.W. = SOLID WHITE (HB)
 SWRТА-T = SOLID WHITE RIGHT TURN ARROW THERMO
 SWSTA-T = SOLID WHITE STRAIGHT ARROW THERMO
 SWLТА-T = SOLID WHITE LEFT TURN ARROW THERMO
 SWSTRТА-T = SOLID WHITE STRAIGHT/RIGHT TURN ARROW THERMO
 -T = THERMOPLASTIC
 HB= HIGH BUILD WATERBORNE PAINT WITH TYPE L BEADS



MAINLINE 141 PVMT MARKING'S
 ARE ON JSL0078



DATE PREPARED
 11/13/2024

ROUTE	141	STATE	MO
DISTRICT	SL	SHEET NO.	87

COUNTY
 ST. LOUIS

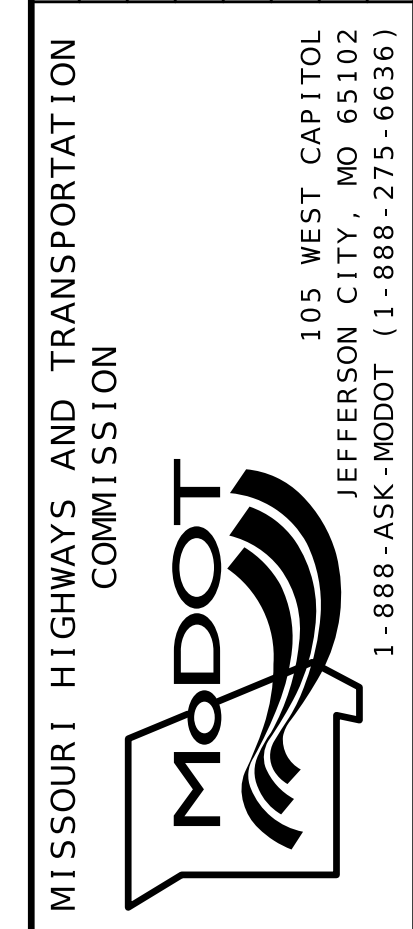
JOB NO.
 JSL0121

CONTRACT ID.

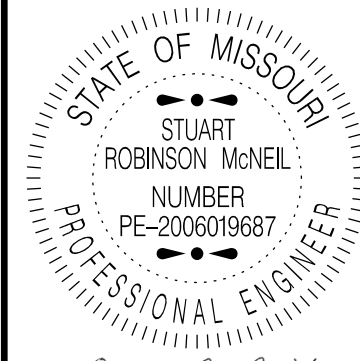
PROJECT NO.

BRIDGE NO.

NO.	DESCRIPTION	DATE



PAVEMENT MARKING PLANS



STUART ROBINSON McNEIL
11/13/2024 3:08:29 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
11/13/2024

ROUTE STATE
141 MO

DISTRICT SHEET NO.
SL 88

COUNTY
ST. LOUIS

JOB NO.
JSL0121

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

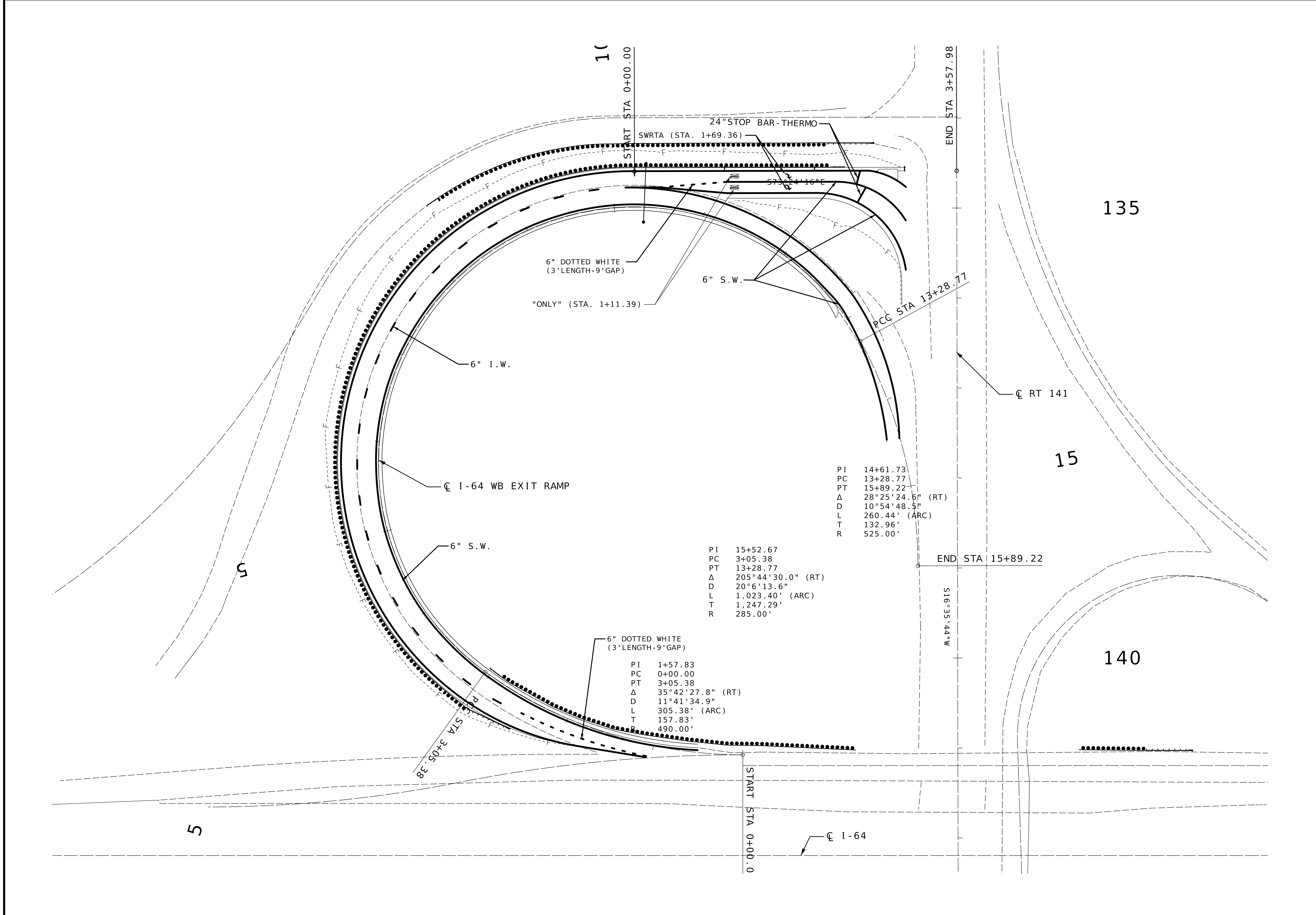
DATE	DESCRIPTION

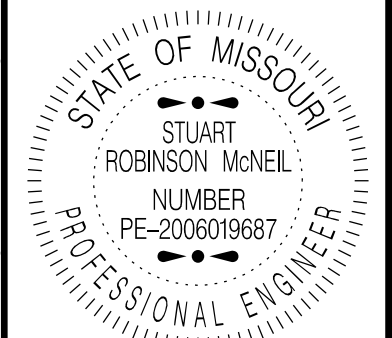
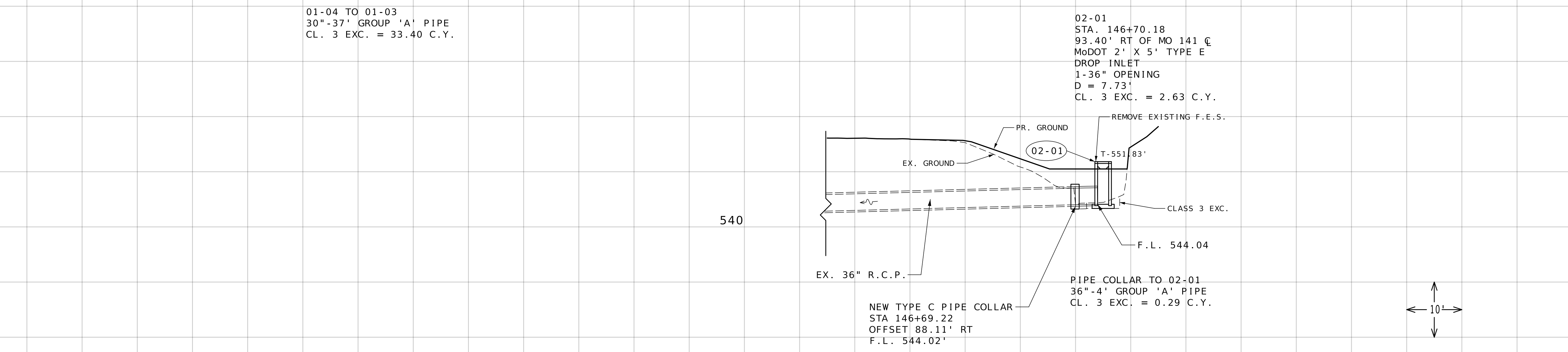
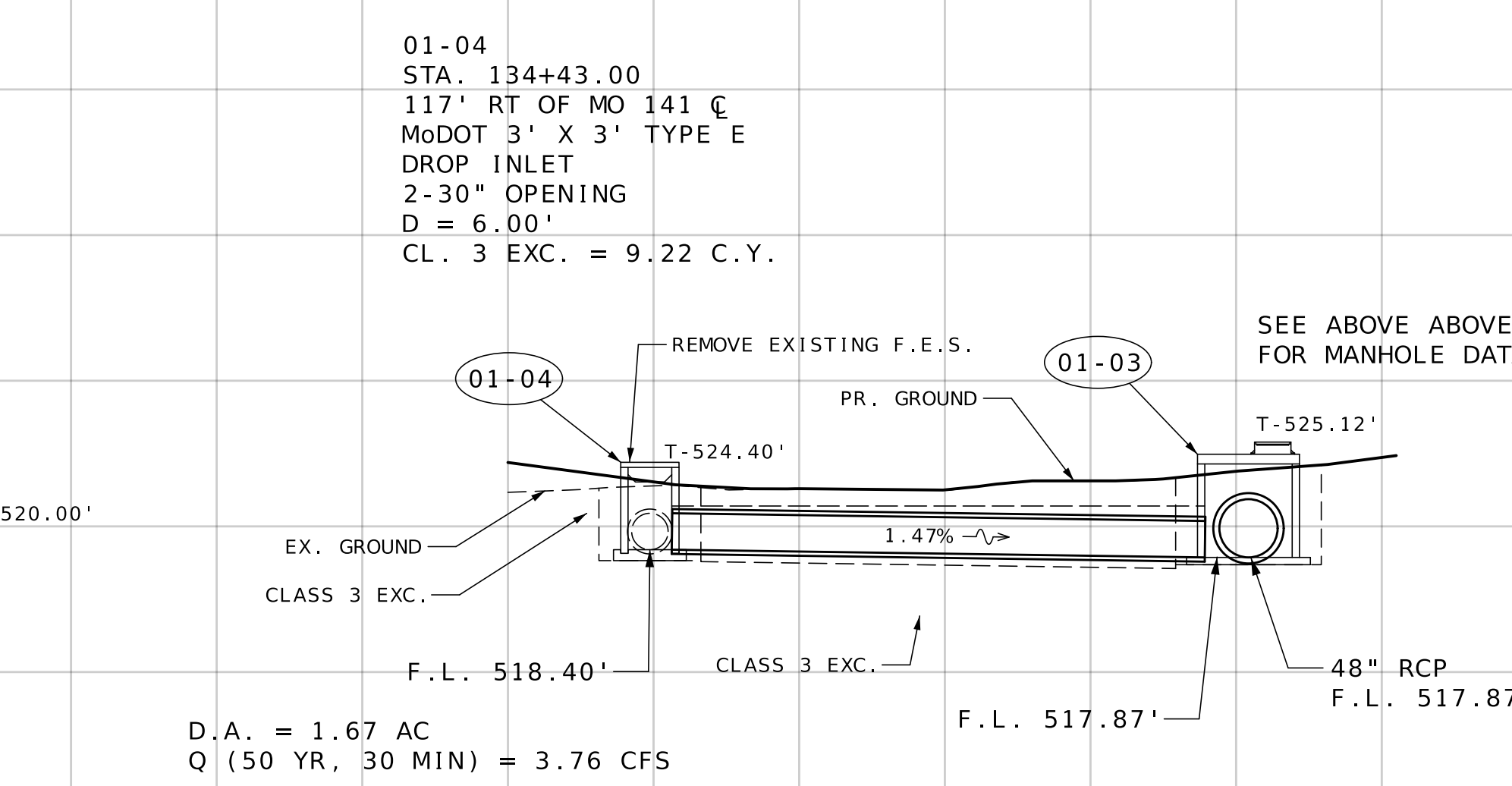
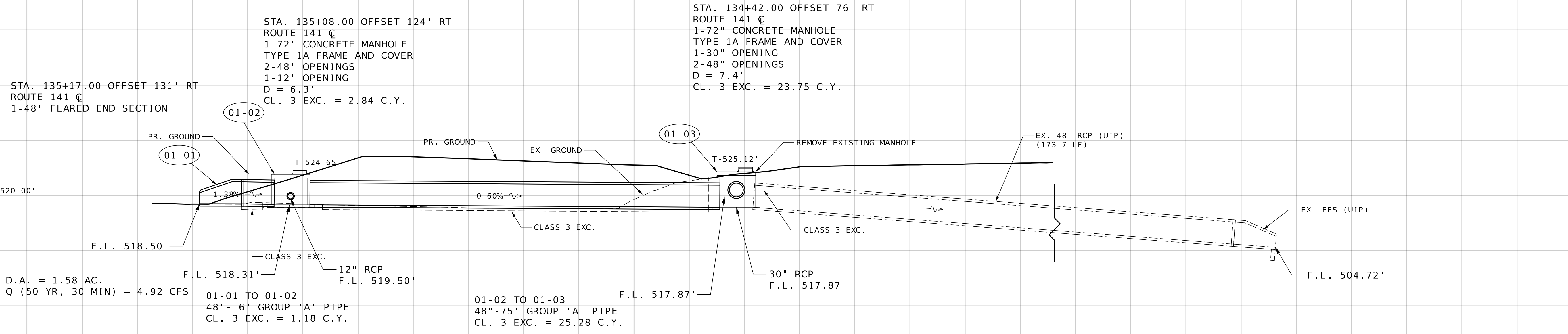
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

PAVEMENT MARKING PLANS





DATE PREPARED
11/13/2024

ROUTE
141

DISTRICT
SL

COUNTY
ST. LOUIS

JOB NO.
JSL0121

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)

**CULVERT
SECTIONS**