

D = 50%

FUNCTIONAL CLASSIFICATION- EXPRESSWAY

NO R/W REQUIRED

(USED IN PLANS)

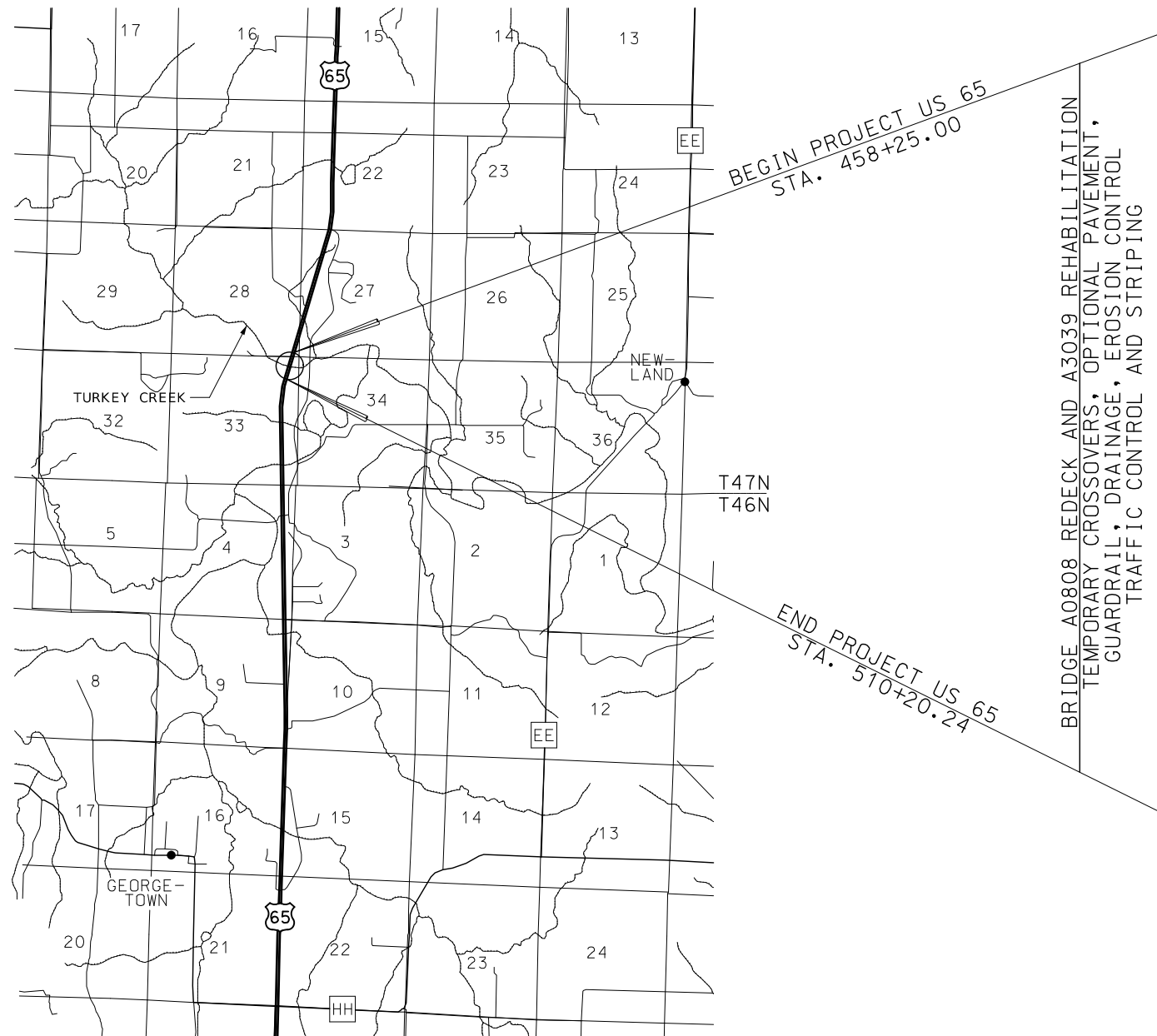
WATER

BENCHMARK

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

KEY MAP
LOCATION OF PETTIS COUNTY

SECTION 28/33, TOWNSHIP 47N, RANGE 33W



NOT TO SCALE

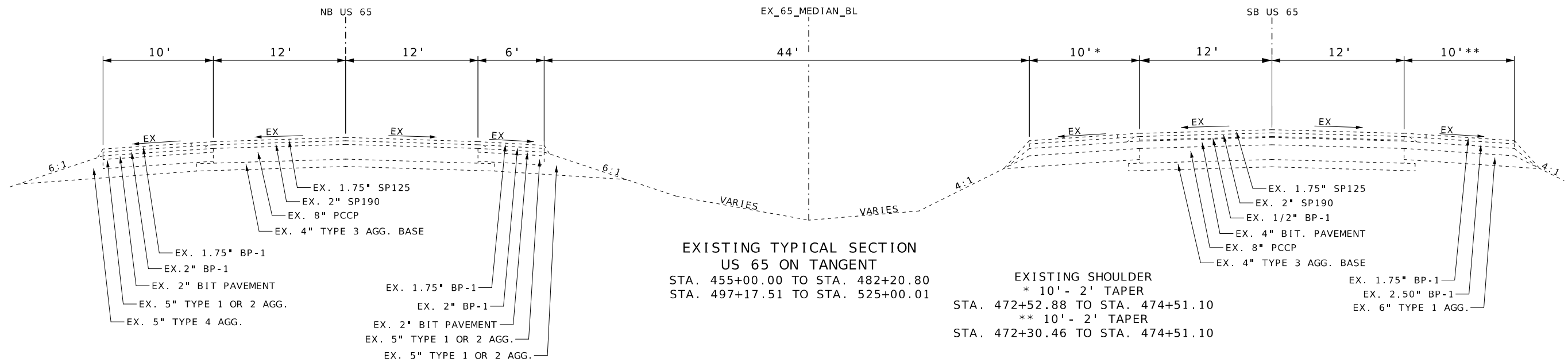
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY 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.

TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (2 SHEETS)---	2
QUANTITIES (QU) (6 SHEETS)-----	3
PLAN SHEETS (PL)-----	4-10
REFERENCE POINTS (RP)-----	11
COORDINATE POINTS (CP)-----	12
TRAFFIC CONTROL SHEETS (TC)-----	13-26
EROSION CONTROL SHEETS (EC)-----	27-39
CULVERT SECTIONS (CS)-----	40-42
BRIDGE DRAWINGS (B)	
A0808-----	1-10
A3039-----	1-6
CROSS SECTIONS (XS)-----	1-18

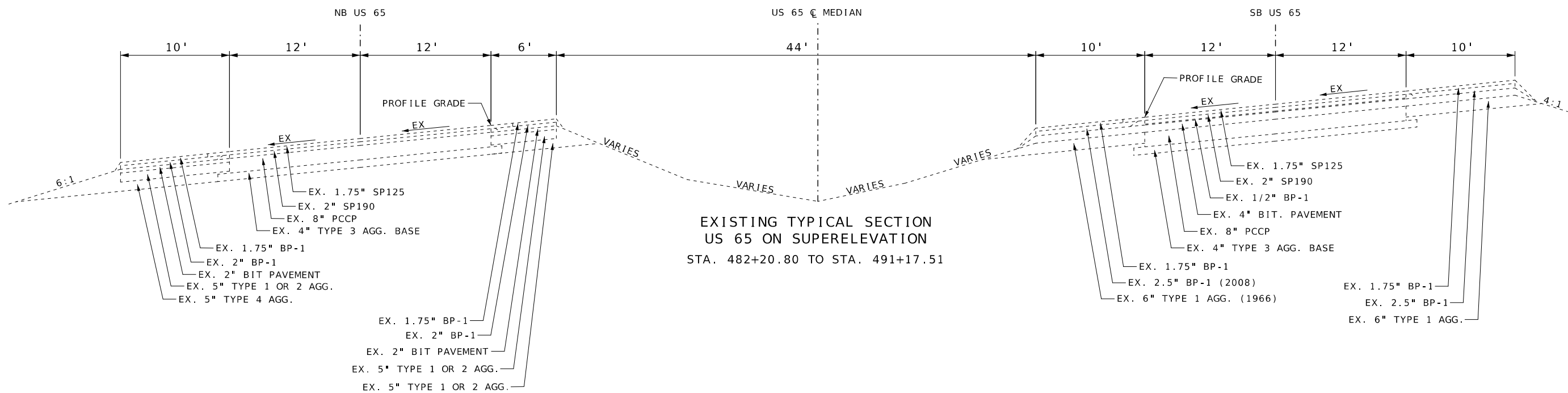
EQUATIONS AND EXCEPTIONS:

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	2.7 ACRES

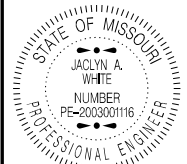




BRIDGE EXCEPTIONS
BR A0808 (SB) STA. 474+51.10 TO 476+91.56
BR A3039 (NB) STA. 474+55.00 TO 476+98.31



EXISTING US 65
TYPICAL SECTIONS
SHEET 1 OF 2



Jaclyn A. White
10/27/2025 12:57:06 PM
JACLYN A WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED

10/27/2025

ROUTE 65 STATE MO

DISTRICT KC SHEET NO. 2

COUNTY

PETTIS

JOB NO. J3P3206

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

REV.

REMOVAL OF IMPROVEMENTS					
PLAN SHEET NO.	ALIGNMENT	BEG STA.	END STA.	LOCATION	DESCRIPTION
8	EX_65_MEDIAN_BL	499+25.00	-	RT.	9 L.F. SAWCUT (EX. EOP)
8	EX_65_MEDIAN_BL	499+25.00	502+40.00	RT.	315 L.F. SAWCUT (EX. EOP)
8	EX_65_MEDIAN_BL	499+25.00	502+40.00	RT.	318 S.Y. OF EX. SHOULDER
8	EX_65_MEDIAN_BL	499+25.00	502+40.00	RT.	117 L.F. SAWCUT (EOS)
8	EX_65_MEDIAN_BL	499+25.00	502+40.00	RT.	52 S.Y. OF OPTIONAL PAVEMENT (CROSSOVER)
8	EX_65_MEDIAN_BL	499+25.00	-	LT.	3 L.F. SAWCUT (EX. EOP)
8	EX_65_MEDIAN_BL	499+25.00	502+40.00	LT.	315 L.F. SAWCUT (EX. EOP)
8	EX_65_MEDIAN_BL	499+25.00	502+40.00	LT.	94 S.Y. OF EX. SHOULDER
8	EX_65_MEDIAN_BL	499+25.00	502+40.00	LT.	315 L.F. SAWCUT (EOS)
8	EX_65_MEDIAN_BL	499+25.00	502+40.00	LT.	253 S.Y. OF OPTIONAL PAVEMENT (CROSSOVER)
9	EX_65_MEDIAN_BL	502+40.00	507+80.00	RT.	540 L.F. SAWCUT (EX. EOP)
9	EX_65_MEDIAN_BL	502+40.00	507+80.00	RT.	546 S.Y. OF EX. SHOULDER
9	EX_65_MEDIAN_BL	502+40.00	507+80.00	RT.	540 L.F. SAWCUT (EOS)
9	EX_65_MEDIAN_BL	502+40.00	507+80.00	RT.	908 S.Y. OF OPTIONAL PAVEMENT (CROSSOVER)
9	EX_65_MEDIAN_BL	502+40.00	507+80.00	LT.	540 L.F. SAWCUT (EX. EOP)
9	EX_65_MEDIAN_BL	502+40.00	507+80.00	LT.	168 S.Y. OF EX. SHOULDER
9	EX_65_MEDIAN_BL	502+40.00	507+80.00	LT.	540 L.F. SAWCUT (EOS)
9	EX_65_MEDIAN_BL	502+40.00	507+80.00	LT.	1399 S.Y. OF OPTIONAL PAVEMENT (CROSSOVER)
9	EX_65_MEDIAN_BL	503+19.50	506+32.60	LT. & RT.	2 - BEVELED END, 284 L.F. 24" CMP/SLOTTED DRAIN
10	EX_65_MEDIAN_BL	507+80.00	469+20.24	RT.	241 L.F. SAWCUT (EX. EOP)
10	EX_65_MEDIAN_BL	507+80.00	469+20.24	RT.	286 S.Y. OF EX. SHOULDER
10	EX_65_MEDIAN_BL	507+80.00	469+20.24	RT.	26 L.F. SAWCUT (EOS)
10	EX_65_MEDIAN_BL	507+80.00	469+20.24	RT.	3 S.Y. OF OPTIONAL PAVEMENT (CROSSOVER)
10	EX_65_MEDIAN_BL	510+20.24	-	RT.	11 L.F. SAWCUT (EX. EOP)
10	EX_65_MEDIAN_BL	507+80.00	469+20.24	LT.	241 L.F. SAWCUT (EX. EOP)
10	EX_65_MEDIAN_BL	507+80.00	469+20.24	LT.	78 S.Y. OF EX. SHOULDER
10	EX_65_MEDIAN_BL	507+80.00	469+20.24	LT.	241 L.F. SAWCUT (EOS)
10	EX_65_MEDIAN_BL	507+80.00	469+20.24	LT.	135 S.Y. OF OPTIONAL PAVEMENT (CROSSOVER)
10	EX_65_MEDIAN_BL	510+20.24	-	LT.	4 L.F. SAWCUT (EX. EOP)
15	EX_65_MEDIAN_BL	473+65.54	474+53.04	LT.	87.5 L.F. OF GUARDRAIL - SB CLOSURE
15	EX_65_MEDIAN_BL	472+27.80	474+52.80	LT.	225 L.F. OF GUARDRAIL - SB CLOSURE
19	SB_65_BL	6+37.48	8+24.98	LT.	187.5 L.F. OF GUARDRAIL - NB CLOSURE
19	SB_65_BL	9+29.18	9+79.18	RT.	50 L.F. OF EXISTING GUARDRAIL - NB CLOSURE
					1 LUMP SUM

RELOCATION OF EXISTING SIGNS					
PLAN SHEET NO.	ALIGNMENT	STATION	LOCATION	SIGN RELOCATION	REMARKS
				EACH	
7	SB_65_BL	3+75.00	20.0' RT.	1	EX. TURKEY CREEK SIGN
6	EX_65_MEDIAN_BL	466+92.30	14.6' RT.	1	EX. DO NOT ENTER
6	EX_65_MEDIAN_BL	468+12.41	15.4' RT.	1	EX. ONE WAY
SUBTOTALS				3	
PAY TOTALS				3	

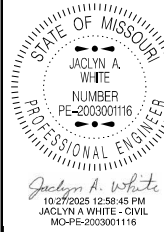
NOTES: SIGNS SHALL BE RELOCATED TO PREVIOUS LOCATION POST CONSTRUCTION

PAVEMENT												
PLAN SHEET NO.	BEGIN STA.	END STA.	ALIGNMENT	LOCATION	LENGTH	WIDTH	A2 SHOULDER	TYPE 5 AGG. FOR BASE (6 IN. THICK)	CONCRETE APPROACH PAVEMENT	LINEAR GRADING CLASS 1	SUBGRADE COMPACTION (6-INCH DEPTH)	REMARKS
					L.F.	L.F.	S.Y.	S.Y.	S.Y.	STA.	100FT	
7	2+80.70	3+54.03	SB_65_BL	RT.	73.3	4	32.6	32.6		0.73	0.73	TIE INTO EX. SHLDR
7	3+30.67	3+54.03	SB_65_BL	LT.	23.4	4	10.4	10.4		0.23	0.23	TIE INTO EX. SHLDR
7	3+54.03	3+69.03	SB_65_BL	LT. & RT.	15.0	32			53.3	0.15	0.15	CONCRETE APPROACH
7	6+49.48	6+64.48	SB_65_BL	LT. & RT.	15.0	32			53.3	0.15	0.15	CONCRETE APPROACH
7	6+64.48	8+16.92	SB_65_BL	LT.	152.4	4'-11.62'	132.2	132.2		1.52	1.52	TIE INTO EX. SHLDR
7	6+64.48	8+40.75	SB_65_BL	RT.	176.3	4	78.4	78.4		1.76	1.76	TIE INTO EX. SHLDR
SUBTOTALS							253.6	253.6	106.6	4.54	4.54	
PAY TOTALS							253.6	254.0	106.6	4.6	5.0	

PAVEMENT RESURFACING													
PLAN SHEET NO.	BEGIN STA.	END STA.	ALIGNMENT	LOCATION	LENGTH	MAINLINE WIDTH	SHOULDER WIDTH (TOTAL)	COLDMILLING 3.00" OR LESS	MODIFIED COLDMILLING	FILL 2.00" SP125C W/ PG 70-22	FILL 2.00" BP-1 W/ PG 64-22	TACK COAT	REMARKS
					L.F.		L.F.	S.Y.	S.Y.	TONS	TONS	GAL.	
7	474+05.00	474+55.00	EX_65_MEDIAN_BL	LT.	50.0	28.0	12.0		222.2	17.2	7.4	22.2	DEPTH TRANSITION TO BR A3039
7	476+98.31	477+48.31	EX_65_MEDIAN_BL	LT.	50.0	28.0	12.0		222.2	17.2	7.4	22.2	DEPTH TRANSITION FROM BR A3039
7	3+30.67	3+54.03	SB_65_BL	LT. & RT.	23.4	24.0	-	62.4		6.9		6.2	CROSS SLOPE CORRECTION
7	6+64.48	6+89.48	SB_65_BL	LT. & RT.	25.0	24.0	-	66.7		7.4		6.7	CROSS SLOPE CORRECTION
SUBTOTALS								129.1	444.4	48.7	14.8	57.3	
PAY TOTALS								130.0	445.0	49.0	15.0	58.0	

PROPOSED 65 TEMP. MEDIAN CROSSOVER									
PLAN SHEET NO.	BEGIN STA.	END STA.	ALIGNMENT	LOCATION	LENGTH	WIDTH	TYPE 1 AGG. FOR BASE (9 IN. THICK)	LINEAR GRADING CLASS 2	REMARKS
					L.F.	L.F.	S.Y.	STA.	
6	0+09.20	0+53.25	65_TEMP_CO_BL	LT. & RT.	44.1	20	136.9	0.4	TEMPORARY CROSSOVER FOR JOHN ROAD
SUBTOTALS							136.9	0.4	
PAY TOTALS							137.0	*	

* SEE DRAINAGE - PIPES QTY TABLE FOR PAY TOTALS



DATE PREPARED
10/27/2025
ROUTE 65
STATE MO
DISTRICT KC
SHEET NO. 3

COUNTY
PETTIS
JOB NO.
J3P3206
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)

GUARDRAIL & GUARD CABLE												
PLAN SHEET NO.	BEGIN STA.	END STA.	ALIGNMENT	STRUCTURE	LOCATION	LENGTH	MGS GUARDRAIL	MGS BRIDGE APPROACH TRANS. SECT. (REGULAR/NO CURB) EACH	TYPE A CRASHWORTHY END TERMINAL (MASH) EACH	MGS END ANCHOR EACH	SHAPING SLOPES CLASS III MOD. MAT. REQUIREMENT 100 FT.	REMARKS
7	2+68.63	3+81.13	SB_65_BL	A0808	RT.	112.5	75	1			1	
7	3+18.63	3+81.13	SB_65_BL	A0808	LT.	62.5	25	1			1	
7	6+37.48	9+89.28	SB_65_BL	A0808	RT.	351.8	300	1		1		(R) CWET AND INSTALL END ANCHOR AFTER NB CLOSURE
7	477+04.21	477+41.71	EX_65_MEDIAN_BL	A3039	LT.	37.5		1			1	
7	477+04.21	477+41.71	EX_65_MEDIAN_BL	A3039	RT.	37.5		1			1	
15	473+65.54	474+53.04	EX_65_MEDIAN_BL	A3039	LT.	87.5		1	1		1	REMOVE POST CONSTRUCTION
15	472+27.80	474+52.80	EX_65_MEDIAN_BL	A3039	LT.	225.0	137.5	1	1		1	REMOVE POST CONSTRUCTION
19	6+37.48	8+24.98	SB_65_BL	A0808	LT.	187.5	100	1	1		1	REMOVE POST CONSTRUCTION
19	9+29.18	9+79.18	SB_65_BL	A0808	RT.	50.0			1		1	REMOVE POST CONSTRUCTION
SUBTOTALS							637.5	8.0	4.0	1.0	8.0	
PAY TOTALS							638	8	4	1	8	

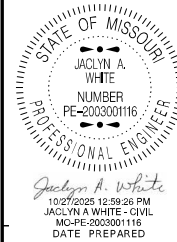
DRAINAGE - STRUCTURES									
PLAN SHEET NO.	ALIGNMENT	STATION	LOCATION	DRAINAGE STRUCTURE ID#	PIPES CONNECTED TO DRAINAGE STRUCTURE	BEVELED END PIPE TREATMENT EACH	TYPE A PIPE COLLAR EACH	CLASS 3 EXCAVATION C.Y.	REMARKS
5/40	EX_65_MEDIAN_BL	462+21.18	0' LT. & RT.	BET-1	1 - 24"	1	1	2.1	
5/40	EX_65_MEDIAN_BL	465+29.31	0' LT. & RT.	BET-2	1 - 24"	1	1	2.9	
6/41	EX_65_MEDIAN_BL	468+01.90	0.5' LT.	BET-5	1 - 12"	1			
6/41	EX_65_MEDIAN_BL	468+44.96	0.3' LT.	BET-6	1 - 12"	1			
6/41	EX_65_MEDIAN_BL	468+01.90	3.7' LT.	BET-7	1 - 12"	1			
6/41	EX_65_MEDIAN_BL	468+44.96	3.5' LT.	BET-8	1 - 12"	1			
9/42	EX_65_MEDIAN_BL	503+19.50	0' LT. & RT.	BET-3	1 - 24"	1	1	2.0	
9/42	EX_65_MEDIAN_BL	506+32.60	0' LT. & RT.	BET-4	1 - 24"	1	1	2.9	
SUBTOTALS						8	4	9.9	
PAY TOTALS						8	4	***	

NOTE: SEE PLAN AND CULVERT SECTION SHEETS FOR ADDITIONAL DETAILS
*** SEE DRAINAGE - PIPES QTY TABLE FOR PAY TOTALS

DRAINAGE - PIPES										
PLAN SHEET NO.	ALIGNMENT	PIPE NO.	FROM DRAINAGE STRUCTURE ID#	TO DRAINAGE STRUCTURE ID#	12" GROUP B PIPE L.F.	24" GROUP B PIPE L.F.	24" SLOTTED DRAIN TYPE A L.F.	CLASS 3 EXCAVATION C.Y.	LINEAR GRADING CLASS 2 STA.	REMARKS
5/40	EX_RTE9_MEDIAN_BL	P-100	BET-1	BET-2		23.5		3.2	0.42	
5/40	EX_RTE9_MEDIAN_BL	P-101	BET-1	BET-2			230.0	27.6		
5/40	EX_RTE9_MEDIAN_BL	P-102	BET-1	BET-2		25.2		3.4	0.83	
6/41	EX_RTE9_MEDIAN_BL	P-106	BET-5	BET-6	25.8					
6/41	EX_RTE9_MEDIAN_BL	P-107	BET-7	BET-8	25.8					
9/42	EX_RTE9_MEDIAN_BL	P-103	BET-3	BET-4		25.2			0.78	
9/42	EX_RTE9_MEDIAN_BL	P-104	BET-3	BET-4			230.0			
9/42	EX_RTE9_MEDIAN_BL	P-105	BET-3	BET-4		25.5			0.95	
SUBTOTALS					51.6	99.4	460.0	34.2	2.98	
SUBTOTALS - DRAINAGE STRUCTURES								9.9		
SUBTOTALS - TEMPORARY CROSSOVER									0.40	
PAY TOTALS					52	100	460	45.0	3.4	

NOTE: SEE PLAN AND CULVERT SECTION SHEETS FOR ADDITIONAL DETAILS

FLOWABLE FILL						
PLAN SHEET NO.	ALIGNMENT	STATION	STATION	LOCATION	FLOWABLE FILL C.Y.	REMARKS
7	EX_65_MEDIAN_BL	474+51.04	-	LT.	5.0	UNDERMINING AT END BENT NO. 1 AT NW CORNER OF BR A3039
SUBTOTALS					5.0	
PAYTOTALS					5.0	



10/27/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 3
COUNTY PETTIS	
JOB NO. J3P3206	
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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)

ROCK LINING FOR DRAIN FLUME								
PLAN SHEET NO.	ALIGNMENT	STATION	STATION	LOCATION	FURNISHING TYPE 2 ROCK DITCH LINER C.Y.	PLACING TYPE 2 ROCK DITCH LINER C.Y.	EROSION CONTROL GEOTEXTILE S.Y.	REMARKS
7	SB_65_BL	3+67.59	-	RT.	5.7	5.7	25.7	NW CORNER BR A0808
7	SB_65_BL	3+67.59	-	LT.	1.9	1.9	8.7	NE CORNER BR A0808
7	EX_65_MEDIAN_BL	474+36.50	-	LT.	6.9	6.9	30.9	NE CORNER BR A3039
7	EX_65_MEDIAN_BL	474+36.50	-	LT.	1.9	1.9	8.7	NW CORNER BR A3039
SUBTOTALS					16.4	16.4	74.0	
PAYTOTALS					17.0	17.0	**	

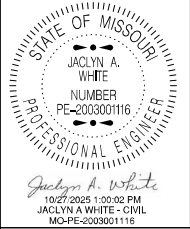
NOTE: SEE PLAN, EROSION CONTROL, AND CULVERT SECTION SHEETS FOR ADDITIONAL INFORMATION
** SEE ROCK BLANKET QTY TABLE FOR PAY TOTALS

ROCK BLANKET								
PLAN SHEET NO.	ALIGNMENT	STATION	STATION	LOCATION	FURNISHING TYPE 2 ROCK BLANKET C.Y.	PLACING TYPE 2 ROCK BLANKET C.Y.	EROSION CONTROL GEOTEXTILE S.Y.	REMARKS
7	EX_RTE9_MEDIAN_BL	474+37.40	474+87.13	LT.	863.3	863.3	1295.0	AROUND NORTH ABUTMENT BR A3039
SUBTOTALS					863.3	863.3	1295.0	
SUBTOTALS - ROCK LINING							74.0	
PAYTOTALS					864.0	864.0	1369.0	

NOTE: SEE PLAN AND EROSION CONTROL SHEETS FOR ADDITIONAL INFORMATION

TEMPORARY EROSION CONTROL									
PLAN SHEET NO.	ALIGNMENT	STATION	STATION	LOCATION	SILT FENCE L.F.	ALT DITCH CHECK L.F.	TYPE C BERM L.F.	SEDIMENT REMOVAL C.Y.	REMARKS
27	EX_65_MEDIAN_BL	470+49.93	479+16.96	LT. & RT.	303.9	408.2	661.3	65.9	
28-29	EX_65_MEDIAN_BL	457+75.00	462+21.18	LT. & RT.	463.3	375.0		42.1	
29-30	EX_65_MEDIAN_BL	465+29.31	468+01.90	LT. & RT.	226.5	200.0		22.3	
30	EX_65_MEDIAN_BL	468+44.92	470+49.93	LT. & RT.	148.9	75.0		9.0	
31-32	EX_65_MEDIAN_BL	498+75.00	503+19.50	LT. & RT.	527.0	375.0		42.8	
32-33	EX_65_MEDIAN_BL	506+32.60	510+97.45	LT. & RT.	548.7	325.0		38.0	
34	EX_65_MEDIAN_BL	457+75.00	461+15.00	LT. & RT.		300.0		30.0	
35	EX_65_MEDIAN_BL	461+15.00	466+55.00	LT. & RT.		375.0		37.5	
36	EX_65_MEDIAN_BL	466+55.00	471+95.00	LT. & RT.		275.0		27.5	
37	EX_65_MEDIAN_BL	498+75.00	502+40.00	LT. & RT.		325.0		32.5	
38	EX_65_MEDIAN_BL	502+40.00	507+80.00	LT. & RT.		425.0		42.5	
39	EX_65_MEDIAN_BL	507+80.00	510+97.45	LT. & RT.		225.0		22.5	
SUBTOTALS					2218.3	3683.2	661.3	412.6	
PAYTOTALS					2219.0	3684.0	662.0	413.0	

SEEDING & MULCHING									
PLAN SHEET NO.	ALIGNMENT	STATION	STATION	LOCATION	SEEDING COOL SEASON GRASSES ACRE	SEEDING WARM SEASON GRASSES ACRE	TEMPORARY SEEDING ACRE	MULCHING ACRE	REMARKS
27	SB_65_BL	280+70.00	8+40.75	RT.	0.03			0.03	
28/34	EX_65_MEDIAN_BL	458+25.01	461+15.00	LT. & RT.	0.32	0.05	0.05	0.37	
29/35	EX_65_MEDIAN_BL	461+15.00	466+55.00	LT. & RT.	0.58	0.08	0.08	0.66	
30/36	EX_65_MEDIAN_BL	466+55.00	469+20.22	LT. & RT.	0.29	0.03	0.03	0.32	
31/37	EX_65_MEDIAN_BL	499+25.00	502+40.00	LT. & RT.	0.34	0.07	0.07	0.41	
32/38	EX_65_MEDIAN_BL	502+40.00	507+80.00	LT. & RT.	0.57	0.07	0.07	0.64	
33/39	EX_65_MEDIAN_BL	507+80.00	510+20.20	LT. & RT.	0.25	0.02	0.02	0.27	
SUBTOTALS					2.38	0.32	0.32	2.70	
PAYTOTALS					2.4	0.4	0.4	2.8	



DATE PREPARED	
10/27/2025	
ROUTE	STATE
65	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
PETTIS
JOB NO.
J3P3206
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE								

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

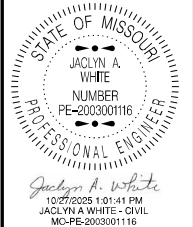
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY PAVEMENT MARKING (STRIPING)								
PLAN SHEET NO.	BEG. STA.	END STA.	PHASE	4" TEMPORARY MARKING PAINT		PAVEMENT MARKING REMOVAL BEFORE	PAVEMENT MARKING REMOVAL AFTER	REMARKS
				4" SOLID WHITE	4" SOLID YELLOW			
				L.F.	L.F.			
14	448+80	459+60	SB CLOSURE	975.0	185.0	185.0	1160.0	
15	459+60	481+20	SB CLOSURE	2162.9	4295.8	1047.3	6458.7	
16	481+20	502+80	SB CLOSURE	2557.2	4295.0	887.5	6852.2	
17	502+80	518+30	SB CLOSURE	659.0	2341.9	528.0	3000.9	
18	448+80	459+60	NB CLOSURE	55.8	1485.0	300.0	1540.8	
19	459+60	481+20	NB CLOSURE	2093.1	4941.2	1054.0	7034.3	
20	481+20	502+80	NB CLOSURE	2060.6	3728.4	894.1	5789.0	
21	502+80	518+30	NB CLOSURE	1632.6	1370.8	495.4	3003.4	
SUBTOTALS				12196.2	22643.1	5391.3	34839.3	
PAY TOTALS				34840		40231		

PERMANENT PAVEMENT MARKING (STRIPING)							
PLAN SHEET NO.	BEG. STA.	END STA.	ALIGNMENT	CLASS 2 PAVEMENT MARKING PAINT (TYPE L BEADS)			REMARKS
				6" SOLID WHITE	6" INTERMITTENT WHITE	6" SOLID YELLOW	
				L.F.	L.F.	L.F.	
7	2+80.70	8+40.75	SB_65_BL	560.1	140.0	560.1	
7	474+05.00	477+48.31	EX_65_MEDIAN_BL	343.3	85.8	343.3	
14	448+80	459+60	SB CLOSURE		0.0	185.0	
15	459+60	481+20	SB CLOSURE		533.3	514.0	
16	481+20	502+80	SB CLOSURE		536.7	350.8	
17	502+80	518+30	SB CLOSURE		177.2	350.8	
18	448+80	459+60	NB CLOSURE		115.0	185.0	
19	459+60	481+20	NB CLOSURE		540.0	514.0	
20	481+20	502+80	NB CLOSURE		543.3	350.8	
21	502+80	518+30	NB CLOSURE		144.5	350.8	
SUBTOTALS				903.4		3704.6	
PAY TOTALS				3720		3705	

EARTHWORK								
SHEET NO.	ALIGNMENT	STATION	STATION	LOCATION	CLASS A EXCAVATION	EMBANKMENT IN PLACE	COMPACTING IN CUT	REMARKS
					C.Y.	C.Y.	STA.	
7	SB_65_MEDIAN_BL	2+80.70	8+40.75	LT. & RT.	26.3	353.8	3.20	SB 65 SHOULDER WIDENING AT BR A0808
4-6	EX_65_MEDIAN_BL	458+25.00	469+20.24	LT. & RT.	273.4	601.1	10.95	CROSSOVERS 1 & 2
8-10	EX_65_MEDIAN_BL	499+25.00	510+20.24	LT. & RT.	307.6	449.1	10.95	CROSSOVERS 3 & 4
4-6	EX_65_MEDIAN_BL	458+25.00	469+20.24	LT. & RT.	907.8			CROSSOVER 1 & 2 REMOVAL - MEDIAN DITCH RECONSTRUCTION
8-10	EX_65_MEDIAN_BL	499+25.00	510+20.24	LT. & RT.	754.4			CROSSOVER 3 & 4 REMOVAL - MEDIAN DITCH RECONSTRUCTION
8-10	65_TEMP_CO_BL	0+09.20	0+53.25	LT. & RT.	72.8	38.6	0.44	INSTALLATION & REMOVAL FOR TEMP CROSSOVER FOR JOHN ROAD
SUBTOTALS					2342.3	1442.6	25.5	
PAYTOTALS					2343.0	1443.0	25.5	

NOTES: SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION
ALL EARTHWORK VOLUMES ARE UNADJUSTED
CLASS A EXCAVATION FOR REMOVAL OF CROSSOVERS INCLUDES AGG. BASE REMOVAL



DATE PREPARED	
10/27/2025	
ROUTE	STATE
65	MO
DISTRICT	SHEET NO.
KC	3
COUNTY	
PETTIS	
JOB NO.	
J3P3206	
CONTRACT ID.	

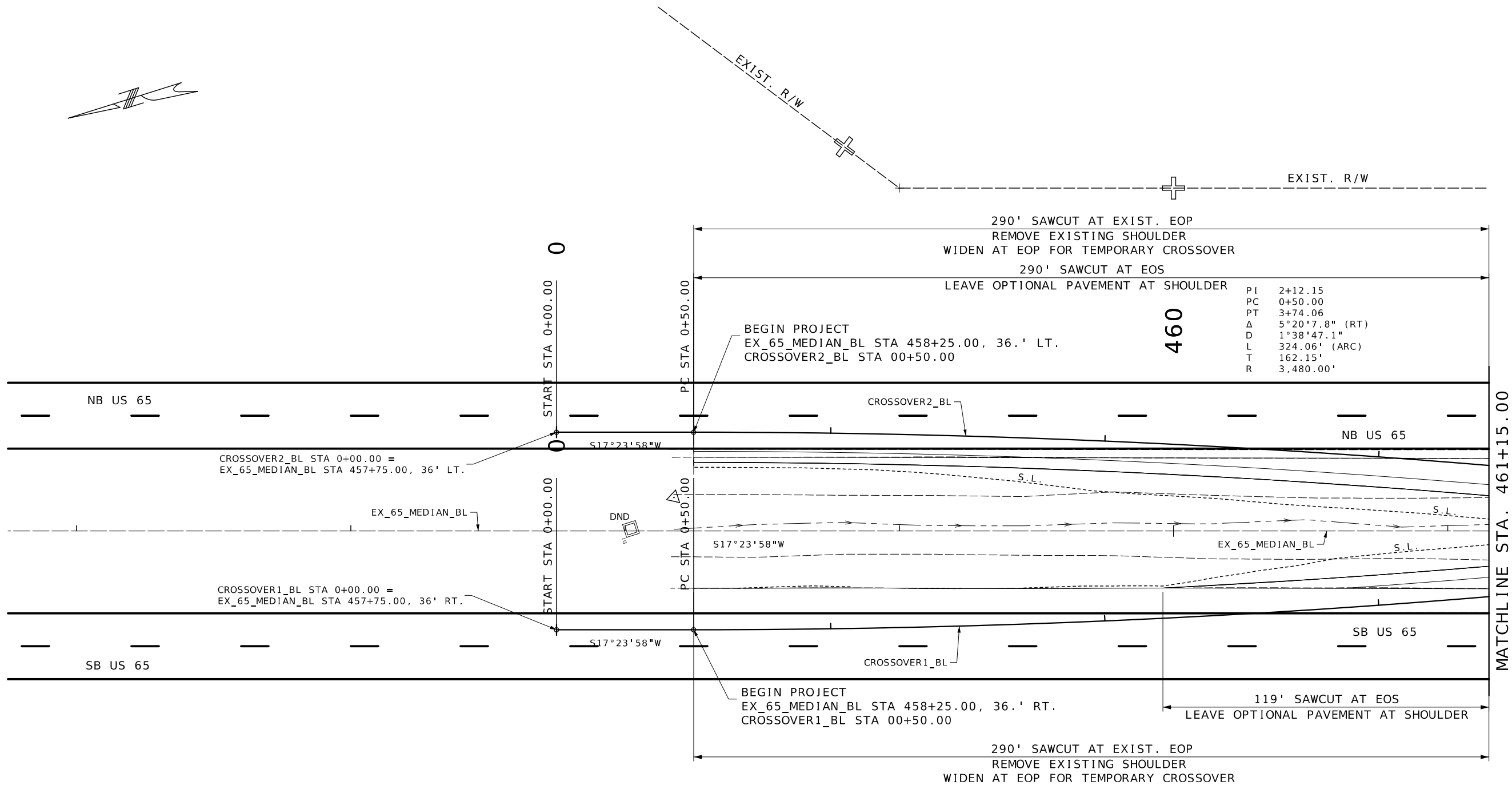
PROJECT NO.
BRIDGE NO.

DESCRIPTION								
DATE								

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025	
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.	IN.		SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.	NUMBER	QTY		DESCRIPTION			
WARNING SIGNS									GUIDE SIGNS												
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00						END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122017	2	IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00	2	32.00			15	REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4R	48X48	16.00	2	32.00			15	REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122020	4	REPLACEMENT SAND BARREL	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	14	84.00			54	WORK ZONE (PLAQUE)	6122030	2	IMPACT ATTENUATOR (RELOCATION)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122040		WORK ZONE CRASH CUSHION (NARROW)	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6122041		WORK ZONE CRASH CUSHION (RELOCATION)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-6	60X30	12.50	4	50.00				HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161012		BUOYS (BOATS KEEP OUT)	
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161013		BUOYS (NO WAKE)	
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161020		CHANNELIZER (DRUM-LIKE)	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25	5	66.25				41	STOP	6161022		CHANNELIZER (CONE)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93							YIELD	6161025	60	CHANNELIZER (TRIM-LINE)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00							TO ONCOMING TRAFFIC (PLAQUE)	6161026		CHANNELIZER (VERTICAL PANEL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50							ALL WAY (PLAQUE)	6161030	25	TYPE 3 MOVEABLE BARRICADE
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	12	144.00				4, 25	SPEED LIMIT XX	6161033	28	DIRECTION INDICATOR BARRICADE
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00							NO RIGHT TURN (SYMBOL)	6161040	4	FLASHING ARROW PANEL
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00							NO LEFT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00							NO TURNS	6161055	28	SEQUENTIAL FLASHING WARNING LIGHT
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00							NO U-TURN (SYMBOL)	6161070	109	TUBULAR MARKER
WO4-1aL	48X48	16.00	1	16.00			6A	MERGE (LEFT)	R3-7L	30X30	6.25							LEFT LANE MUST TURN LEFT	6161095		RADAR SPEED ADVISORY SYSTEM
WO4-1aR	48X48	16.00	1	16.00			6A	MERGE (RIGHT)	R3-7R	30X30	6.25							RIGHT LANE MUST TURN RIGHT	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00	6	72.00				46	DO NOT PASS	6161098A	2	CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00							PASS WITH CARE	6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
WO5-5	48X48	16.00	2	32.00			34	NARROW LANES	R4-7a	36X48	12.00							KEEP RIGHT (HORIZONTAL ARROW)	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00							KEEP LEFT (HORIZONTAL ARROW)	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25	2	12.50				32	DO NOT ENTER	6173600D	740	TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
WO6-3	48X48	16.00	4	64.00			31	TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00							WRONG WAY	6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
WO7-3a	30X24	5.00	2	10.00			44A	NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75							ONE WAY ARROW (LEFT)	6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION, CONTRACTOR FURNISHED/RETAINED
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75	4	27.00				14	ONE WAY ARROW (RIGHT)	6175010A	740	RELOCATING TEMPORARY TRAFFIC BARRIER
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00							ONE WAY (LEFT)	6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00							ONE WAY (RIGHT)	6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00							SIDEWALK CLOSED	6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00							SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6208064A		TEMPORARY RAISED PAVEMENT MARKER
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00							SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	9029400		TEMPORARY TRAFFIC SIGNALS
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00							STOP HERE ON RED (45° ARROW)	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00	3	30.00				29	ROAD CLOSED	6169903	210	TRAFFIC SEPARATOR CURB W/ DELINEATORS
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-3a	60X30	12.50							ROAD CLOSED XX MILES AHEAD	6169903	205	RELOC. TRAFFIC SEP. CURB W/ DELINEATORS
WO8-9	48X48	16.00						LOW SHOULDER	R11-4	60X30	12.50							LOCAL TRAFFIC ONLY			
WO8-11	48X48	16.00						UNEVEN LANES	CONST-3A	60X48	20.00							ROAD CLOSED TO THRU TRAFFIC			
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3X	56X12	4.67							FINE SIGN			
WO8-15	48X48	16.00						GROOVED PAVEMENT	MISCELLANEOUS SIGNS												
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-5	48X36	12.00							POINT OF PRESENCE			
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT (SY													

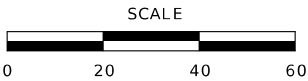


NOTES:

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

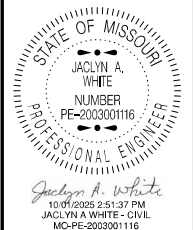
SEE NORTH CROSSOVER CROSS SECTIONS FOR ADDITIONAL INFORMATION.

REGRADE MEDIAN TO EXISTING CONDITIONS POST BRIDGE WORK.



PI 2+12.15
PC 0+50.00
PT 3+74.06
Δ 5°20'7.8" (LT)
D 1°38'47.1"
L 324.06' (ARC)
T 162.15'
R 3,480.00'

NORTH CROSSOVERS
PLAN SHEETS
SHEET 1 OF 7

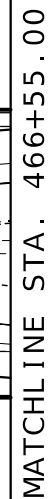


DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 4
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



5



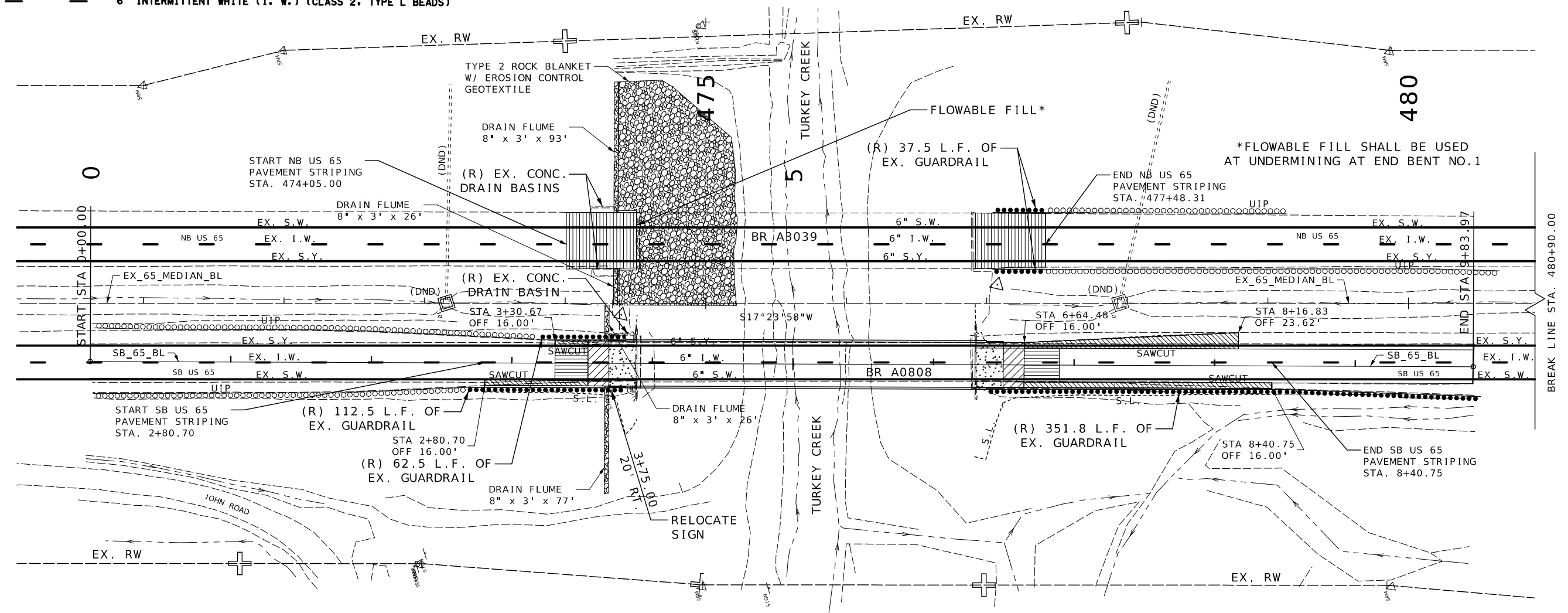
BUILD 4" TYPE A CURB (INCIDENTAL)
ALONG CONCRETE APP. PAVEMENT
STA. 3+69.03 TO 3+81.03 LT. & RT. - 12 L.F.
STA. 6+37.48 TO 6+49.48 LT. & RT. - 12 L.F.

BUILD MGS GUARDRAIL
SB_65_BL
STA. 2+68.63 TO 3+43.63 RT. - 75 L.F.
STA. 3+18.63 TO 3+43.63 LT. - 25 L.F.
STA. 6+74.98 TO 8+49.98 RT. - 157 L.F.
BUILD MGS BRIDGE APPROACH SECTION
SB_65_BL
STA. 3+43.63 TO 3+81.13 RT. - 1 EACH
STA. 3+43.63 TO 3+81.13 LT. - 1 EACH
STA. 6+37.48 TO 6+74.98 RT. - 1 EACH
EX_65_MEDIAN_BL
STA. 477+04.21 TO 477+41.71 RT. - 1 EACH
STA. 477+04.21 TO 477+41.71 LT. - 1 EACH

BUILD A2 SHOULDERS
(WIDENING)
SB_65_BL
STA. 2+80.70 TO 3+54.03 RT.
STA. 3+30.67 TO 3+54.03 LT.
STA. 6+64.48 TO 8+16.92 LT.
STA. 6+64.48 TO 8+40.75 RT.
BUILD CONCRETE APP. PAVEMENT
SB_65_BL
STA. 3+54.03 TO 3+69.03 LT. & RT. - 53.3 S.Y.
STA. 6+49.48 TO 6+64.48 LT. & RT. - 53.3 S.Y.

2.00" MILL, 2.00" FILL
CROSS SLOPE CORRECTION
SEE CROSS SECTION SHEETS
SB_65_BL
STA. 3+30.67 TO 3+54.03 LT. & RT.
STA. 6+64.48 TO 6+89.48 LT. & RT.
MODIFIED COLDMILLING (NB 65)
EX_65_MEDIAN_BL
STA. 474+05.00 TO 474+55.00 LT.
STA. 476+98.31 TO 477+48.31 LT.

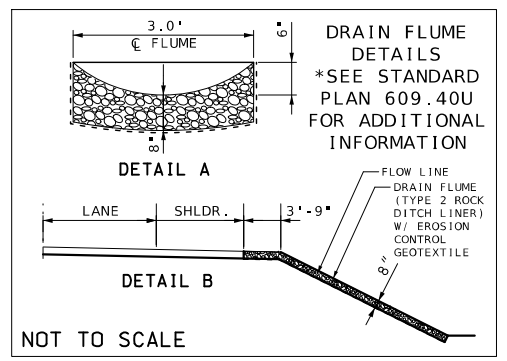
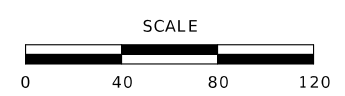
6" SOLID WHITE (S.W.) (CLASS 2, TYPE L BEADS)
6" SOLID YELLOW (S.Y.) (CLASS 2, TYPE L BEADS)
6" INTERMITTENT WHITE (I. W.) (CLASS 2, TYPE L BEADS)



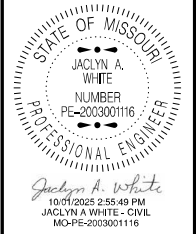
BRIDGE APP. SLAB
CONCRETE APP. PAVEMENT
2.00" MILL 2.00" FILL (SEE X-SECTIONS)
A2 SHOULDER

MODIFIED COLDMILLING

NOTES:
RUBBLIZED CONCRETE FROM THE EXISTING BRIDGE DECK THAT QUALIFIES AS CLEAN FILL MAY BE PLACED ON SPILL SLOPES AT END BENTS ABOVE ORDINARY HIGH WATER LINE



PLAN SHEETS
SHEET 4 OF 7



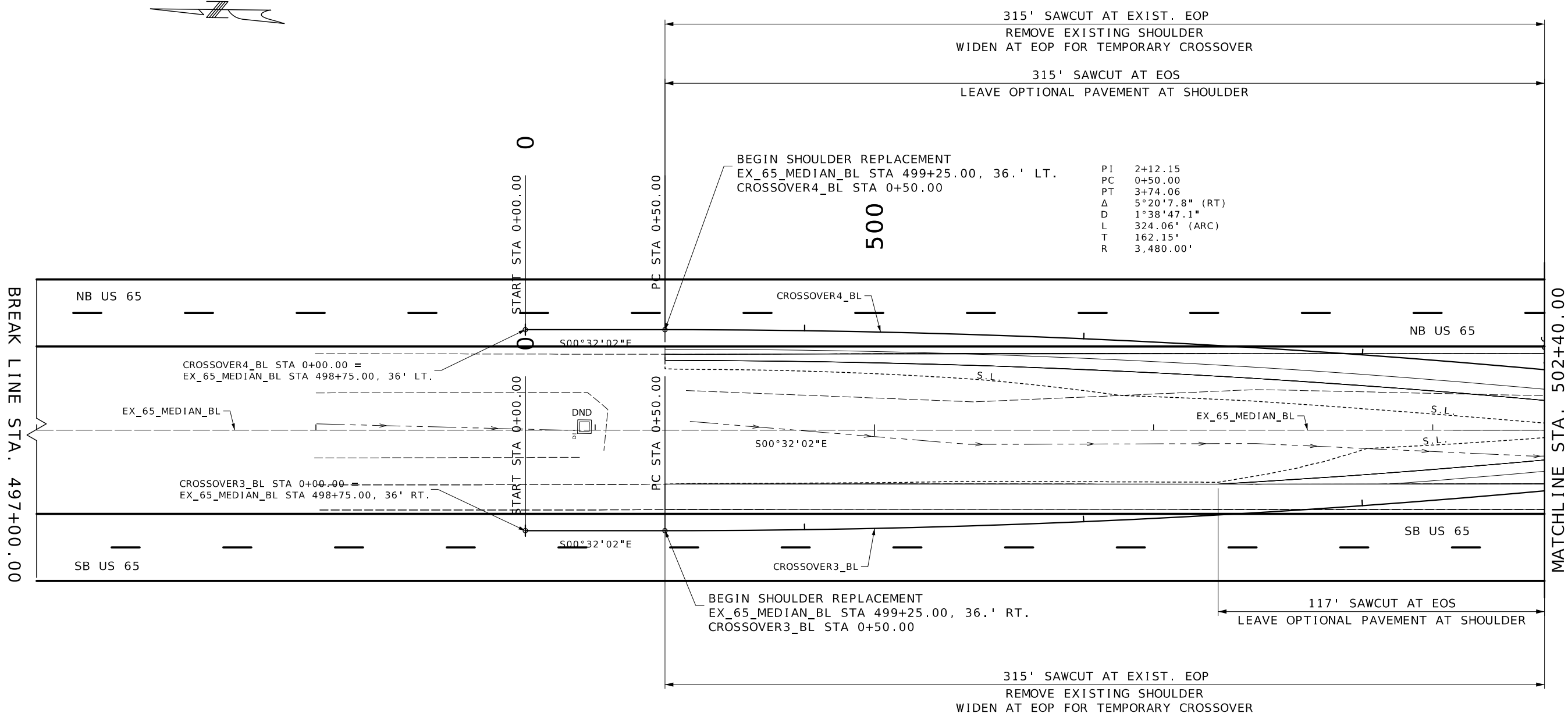
DATE PREPARED
9/23/2025
ROUTE 65 STATE MO
DISTRICT KC SHEET NO. 7
COUNTY PETTIS
JOB NO. J3P3206
CONTRACT ID.

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)





BREAK LINE STA. 497+00.00

MATCHLINE STA. 502+40.00

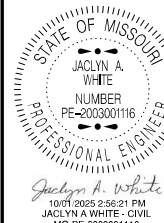
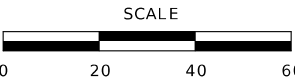
NOTES:

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

SEE NORTH CROSSOVER CROSS SECTIONS FOR ADDITIONAL INFORMATION.

REGRADE MEDIAN TO EXISTING CONDITIONS POST BRIDGE WORK.

PI 2+12.15
PC 0+50.00
PT 3+74.06
Δ 5°20'7.8" (LT)
D 1°38'47.1"
L 324.06' (ARC)
T 162.15'
R 3,480.00'

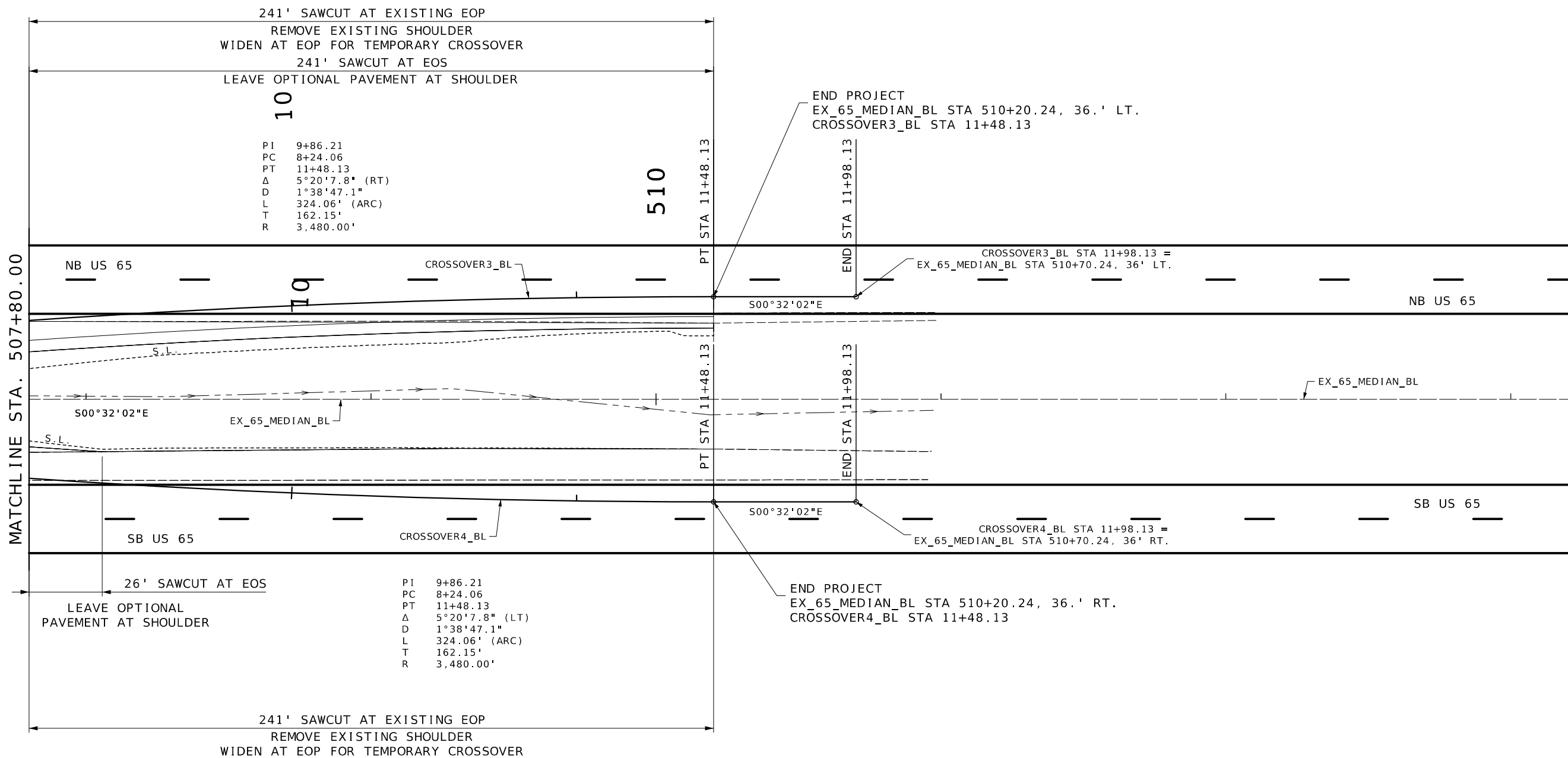
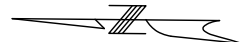


DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 8
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



NOTES:

SEE NORTH CROSSOVER CROSS SECTIONS
FOR ADDITIONAL INFORMATION.

REGRADE MEDIAN TO EXISTING
CONDITIONS POST BRIDGE WORK.



DATE PREPARED
9/23/2025

ROUTE 65 STATE MO
DISTRICT KC SHEET NO. 10

COUNTY PETTIS
JOB NO. J3P3206
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)



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	NAD83(CORS96)		
VERTICAL DATUM	NAVD88		
GEOID MODEL	GEOID18		
ELEVATIONS DETERMINED BY	GPS OBSERVATION		
PROJECT PROJECTION FACTOR	1.00004692		

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983		
CONTROL STATION	MO GEOGRAPHIC REFERENCE SYSTEM		
DESIGNATION	PE-10		
CORS_ID	XX		
PID	159010		
LATITUDE	38°47'45.31704"		
LONGITUDE	93°17'46.37945"		
NORTHING (M)	329077.9420		
EASTING (M)	430833.0590		
ZONE	CENTRAL		
PROJECT AVERAGE GRID FACTOR	0.99995308		

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 1,087,817.18 X 0.99995308 = N 1,087,766.14
E 1,434,498.42 X 0.99995308 = E 1,434,431.11

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
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	
PROJECT CONTROL POINTS							
-	458+17.81	EX_65_MEDIAN_BL	12.24' LT.	1,087,817.18	1,434,498.42	758.98	CP #1 - 5/8" REBAR W/ ORANGE MODOT CAP
-	474+39.87	EX_65_MEDIAN_BL	8.15' RT.	1,086,275.44	1,433,993.92	730.43	CP #2 - 5/8" REBAR W/ ORANGE MODOT CAP
-	477+07.48	EX_65_MEDIAN_BL	13.30' LT.	1,086,013.66	1,433,934.36	733.72	CP #3 - 5/8" REBAR W/ ORANGE MODOT CAP
-	486+27.27	EX_65_MEDIAN_BL	6.37' LT.	1,085,131.60	1,433,680.79	752.48	CP #4 - 5/8" REBAR W/ ORANGE MODOT CAP
-	491+98.96	EX_65_MEDIAN_BL	11.41' LT.	1,084,563.07	1,433,649.38	750.14	CP #5 - 5/8" REBAR W/ ORANGE MODOT CAP
ALIGNMENTS							
-	455+00.00	EX_65_MEDIAN_BL	0	1,088,124.11	1,434,581.78	-	P.O.T. - EX_65_MEDIAN_BL
-	482+20.80	EX_65_MEDIAN_BL	0	1,085,527.81	1,433,768.18	-	P.C. - EX_65_MEDIAN_BL
-	491+17.51	EX_65_MEDIAN_BL	0	1,084,644.41	1,433,637.21	-	P.T. - EX_65_MEDIAN_BL
-	525+00.01	EX_65_MEDIAN_BL	0	1,081,262.06	1,433,668.73	-	P.O.T. - EX_65_MEDIAN_BL
-	0+00.00	CROSSOVER1_BL	0	1,087,872.46	1,434,465.19	-	P.O.B. - CROSSOVER1_BL
-	0+50.00	CROSSOVER1_BL	0	1,087,824.75	1,434,450.24	-	P.C. - CROSSOVER1_BL
-	3+74.06	CROSSOVER1_BL	0	1,087,511.45	1,434,367.86	-	P.T. - CROSSOVER1_BL
-	8+24.06	CROSSOVER1_BL	0	1,087,071.39	1,434,273.81	-	P.C. - CROSSOVER1_BL
-	11+48.13	CROSSOVER1_BL	0	1,086,758.09	1,434,191.44	-	P.T. - CROSSOVER1_BL
-	11+98.13	CROSSOVER1_BL	0	1,086,710.38	1,434,176.48	-	P.O.E. - CROSSOVER1_BL
-	0+00.00	CROSSOVER2_BL	0	1,087,850.93	1,434,533.90	-	P.O.B. - CROSSOVER2_BL
-	0+50.00	CROSSOVER2_BL	0	1,087,803.22	1,434,518.95	-	P.C. - CROSSOVER2_BL
-	3+74.06	CROSSOVER2_BL	0	1,087,498.94	1,434,407.79	-	P.T. - CROSSOVER2_BL
-	8+24.06	CROSSOVER2_BL	0	1,087,083.90	1,434,233.88	-	P.C. - CROSSOVER2_BL
-	11+48.13	CROSSOVER2_BL	0	1,086,779.62	1,434,122.73	-	P.T. - CROSSOVER2_BL
-	11+98.13	CROSSOVER2_BL	0	1,086,731.91	1,434,107.78	-	P.O.E. - CROSSOVER2_BL
-	0+00.00	CROSSOVER3_BL	0	1,083,886.61	1,433,608.27	-	P.O.B. - CROSSOVER3_BL
-	0+50.00	CROSSOVER3_BL	0	1,083,836.62	1,433,608.74	-	P.C. - CROSSOVER3_BL
-	3+74.06	CROSSOVER3_BL	0	1,083,513.17	1,433,626.83	-	P.T. - CROSSOVER3_BL
-	8+24.06	CROSSOVER3_BL	0	1,083,065.53	1,433,672.85	-	P.C. -CROSSOVER3_BL
-	11+48.13	CROSSOVER3_BL	0	1,082,742.09	1,433,690.94	-	P.T. - CROSSOVER3_BL
-	11+98.13	CROSSOVER3_BL	0	1,082,692.09	1,433,691.40	-	P.O.E. - CROSSOVER3_BL
-	0+00.00	CROSSOVER4_BL	0	1,083,887.28	1,433,680.27	-	P.O.B. - CROSSOVER4_BL
-	0+50.00	CROSSOVER4_BL	0	1,083,837.29	1,433,680.73	-	P.C. - CROSSOVER4_BL
-	3+74.06	CROSSOVER4_BL	0	1,083,513.56	1,433,668.67	-	P.T. - CROSSOVER4_BL
-	8+24.06	CROSSOVER4_BL	0	1,083,065.14	1,433,631.00	-	P.C. - CROSSOVER4_BL
-	11+48.13	CROSSOVER4_BL	0	1,082,741.42	1,433,618.94	-	P.T. - CROSSOVER4_BL
-	11+98.13	CROSSOVER4_BL	0	1,082,691.42	1,433,619.41	-	P.O.E. - CROSSOVER4_BL
-	0+00.00	SB_65_BL	0	1,086,645.84	1,434,075.30	-	P.OT. - SB_65_BL
-	9+83.97	SB_65_BL	0	1,085,708.02	1,433,777.50	-	P.OT. - SB_65_BL
-	0+00.00	65_TEMP_CO_BL	0	1,086,873.39	1,434,158.72	-	P.O.B. - 65_TEMP_CO_BL
-	0+59.27	65_TEMP_CO_BL	0	1,086,855.67	1,434,215.28	-	P.O.E. - 65_TEMP_CO_BL

Traffic Control Legend,
Sign Spacing, Device Spacing, Channelizing Taper Lengths
And Recommended Maximum Speed Reductions

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

TAPER LENGTH (L)
L = W X P FOR 40 MPH OR MORE
L = $\frac{WP^2}{60}$ FOR 35 MPH OR LESS
L = TAPER LENGTH IN FEET
W = LATERAL SHIFT IN FEET
P = POSTED SPEED PRIOR TO
ROAD WORK IN MPH

TRAFFIC CONTROL LEGEND	
SIGN (SINGLE SIDED)	FLASHING ARROW PANEL
FLAGGER	CHANGEABLE MESSAGE BOARD
CHANNELIZER	BARRICADE
PROTECTIVE VEHICLE WITH WORK SIGN, FLASHING ARROW PANEL AND REAR-MOUNTED IMPACT ATTENUATOR UNIT.	

LEGEND NOTE:

THE PROTECTIVE VEHICLE SIGN SHALL
BE MOUNTED AT A RECOMMENDED HEIGHT
OF 48 IN. ABOVE THE ROAD SURFACE.

TAPER LENGTHS AND END TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			END TREATMENT (4)
	10'	11'	12'	
<40	160'	168'	176'	BARRIER HEIGHT TRANSITION
>40	160'	168'	176'	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (L) (3)			MINIMUM SHOULDER TAPER LENGTH (T1) BASED ON 10' SHOULDER	BUFFER LENGTH FT	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

THE SA DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF
RESTRICTION TO THE FIRST SIGN.

THE SB DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS.

THE SC DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS.

(THE "FIRST SIGN" IS THE SIGN IN A THREE-SIGN SERIES THAT IS CLOSEST TO
THE TEMPORARY TRAFFIC CONTROL ZONE. THE "THIRD SIGN" IS THE SIGN THAT
IS FURTHEST UPSTREAM FROM THE TEMPORARY TRAFFIC CONTROL ZONE)

DETAILS NOTES:

- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST
SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED
CONDITION.
- (2) SPACING MAY BE ADJUSTED AS NECESSARY TO MEET
FIELD CONDITIONS.
- (3) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED
FOR LANE AND 10' SHOULDER
- (4) CONCRETE BARRIER MAY BE INSTALLED AT 8:1 FLARE
RATE FROM THE SHOULDER POINT OF THE LIMITS OF THE
CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER

- GENERAL NOTES:
- 1. SEE STANDARD PLAN 616.10 FOR DETAILS
AND ITEMS NOT SHOWN.
 - 2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS
ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
 - 3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING,
COVERING, UNCOVERING OR REMOVING SIGNS.
 - 4. CONES ALLOWABLE FOR DAYTIME OPERATIONS
ON MINOR ROUTES ONLY.
 - 5. LOCATE FLASHING ARROW PANEL AT BEGINNING OF
TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS
LOCATED BEHIND CHANNELIZERS OR CONES.

STATE OF MISSOURI

JACLYN A. WHITE

NUMBER

PE-2003001116

PROFESSIONAL ENGINEER

Jaclyn A. White

10/01/2025 2:58:53 PM

JACLYN A. WHITE - CIVIL

MO-PE-2003001116

DATE PREPARED

9/23/2025

ROUTE

65

DISTRICT

KC

STATE

MO

SHEET NO.

13

COUNTY

PETTIS

JOB NO.

J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

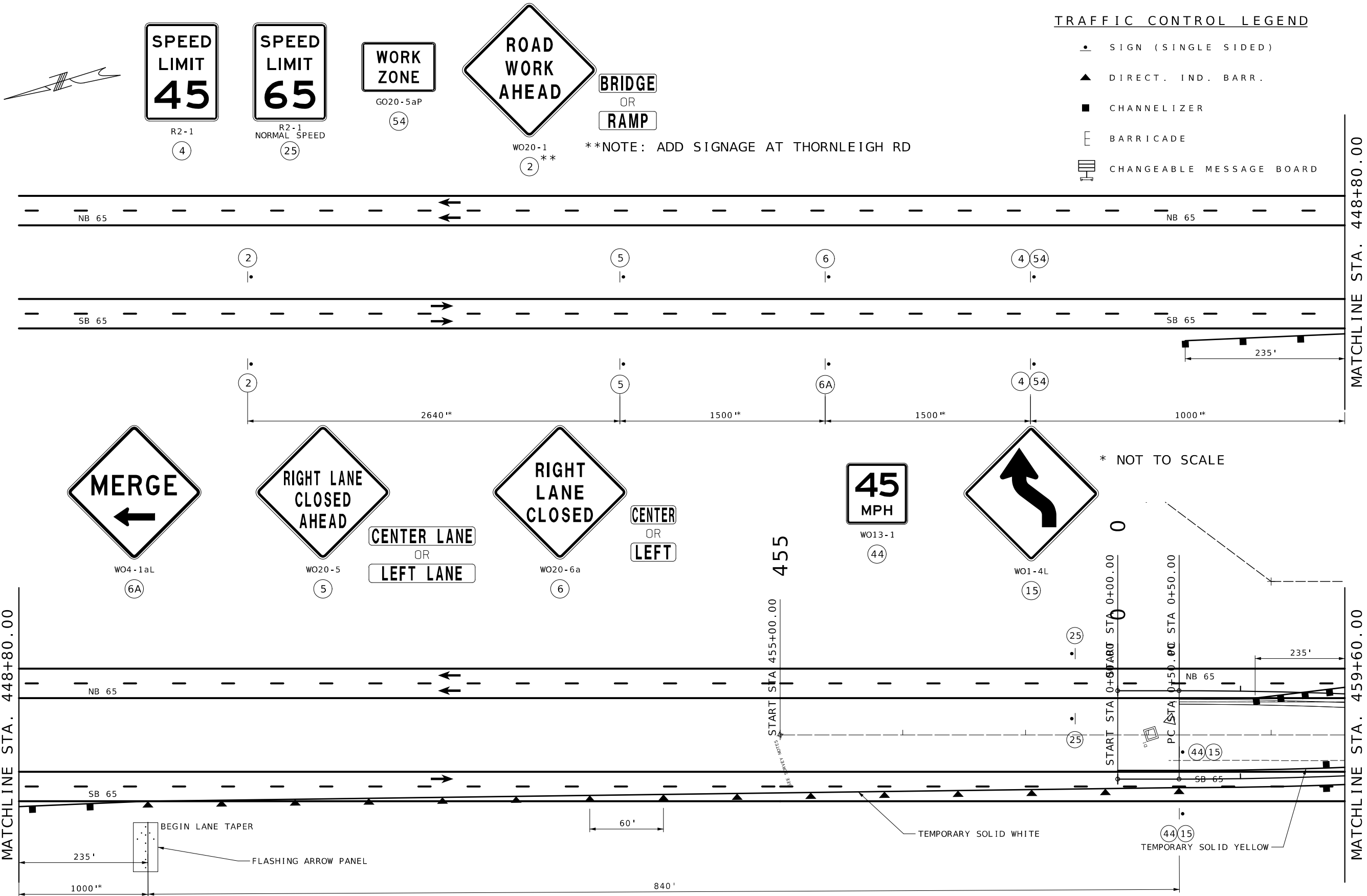
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

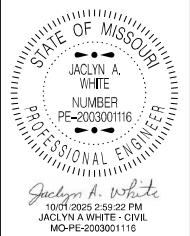
JEFFERSON CITY, MO 65102

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



NOTE: PAVEMENT MARKING SHOWN ON TC PLANS ARE EXISTING UNLESS OTHERWISE NOTED AND ARE FOR INFORMATION ONLY

SB 65 CLOSURE
TEMPORARY TRAFFIC CONTROL
SHEET 2 OF 14

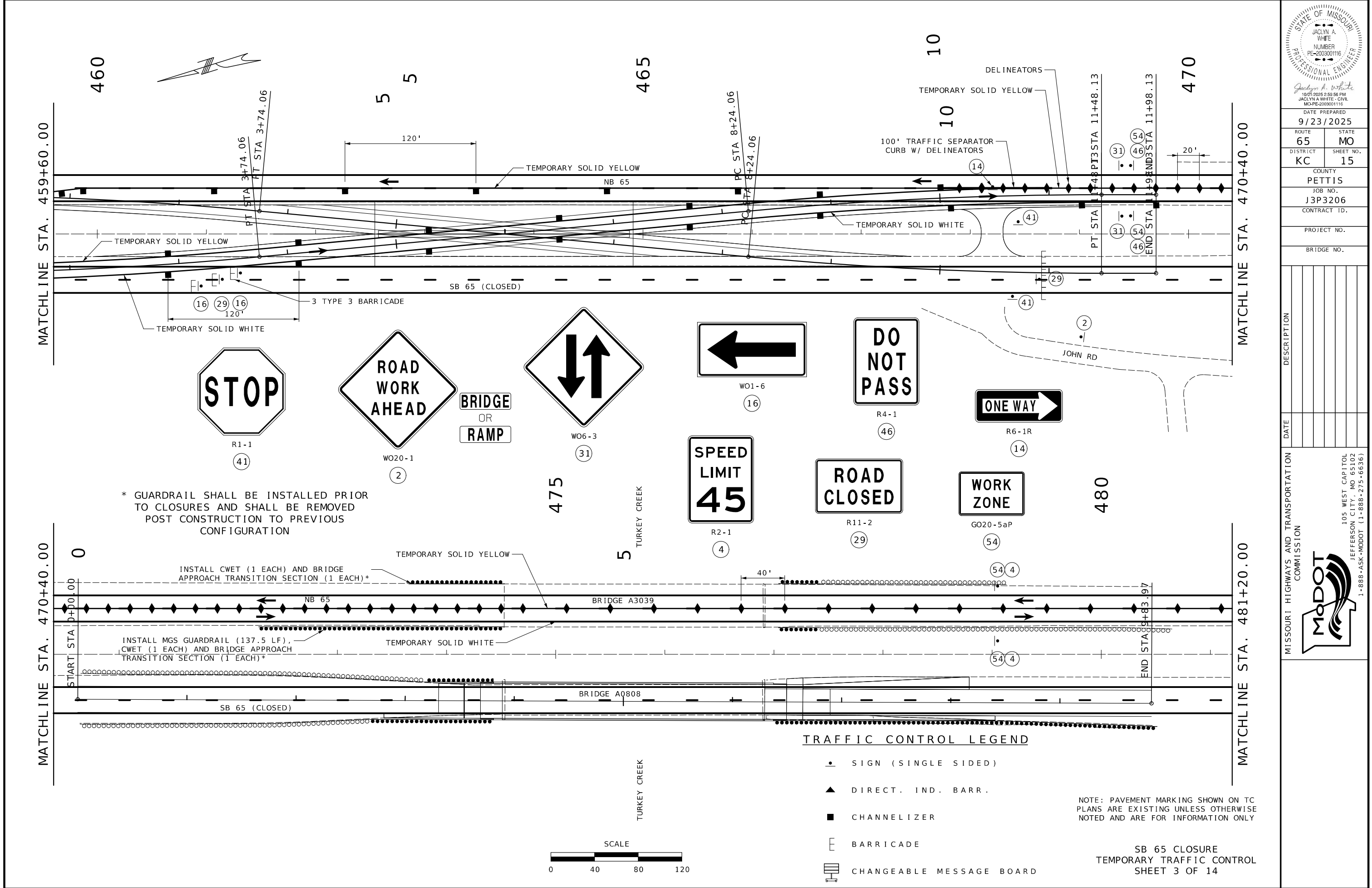


DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 14
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



STATE OF MISSOURI

JACLYN A. WHITE

NUMBER

PE-2003001116

PROFESSIONAL ENGINEER

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JACLYN A. WHITE - CIVIL

MO-PE-2003001116

DATE PREPARED
9/23/2025

ROUTE
65

DISTRICT
KC

STATE
MO

SHEET NO.
15

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

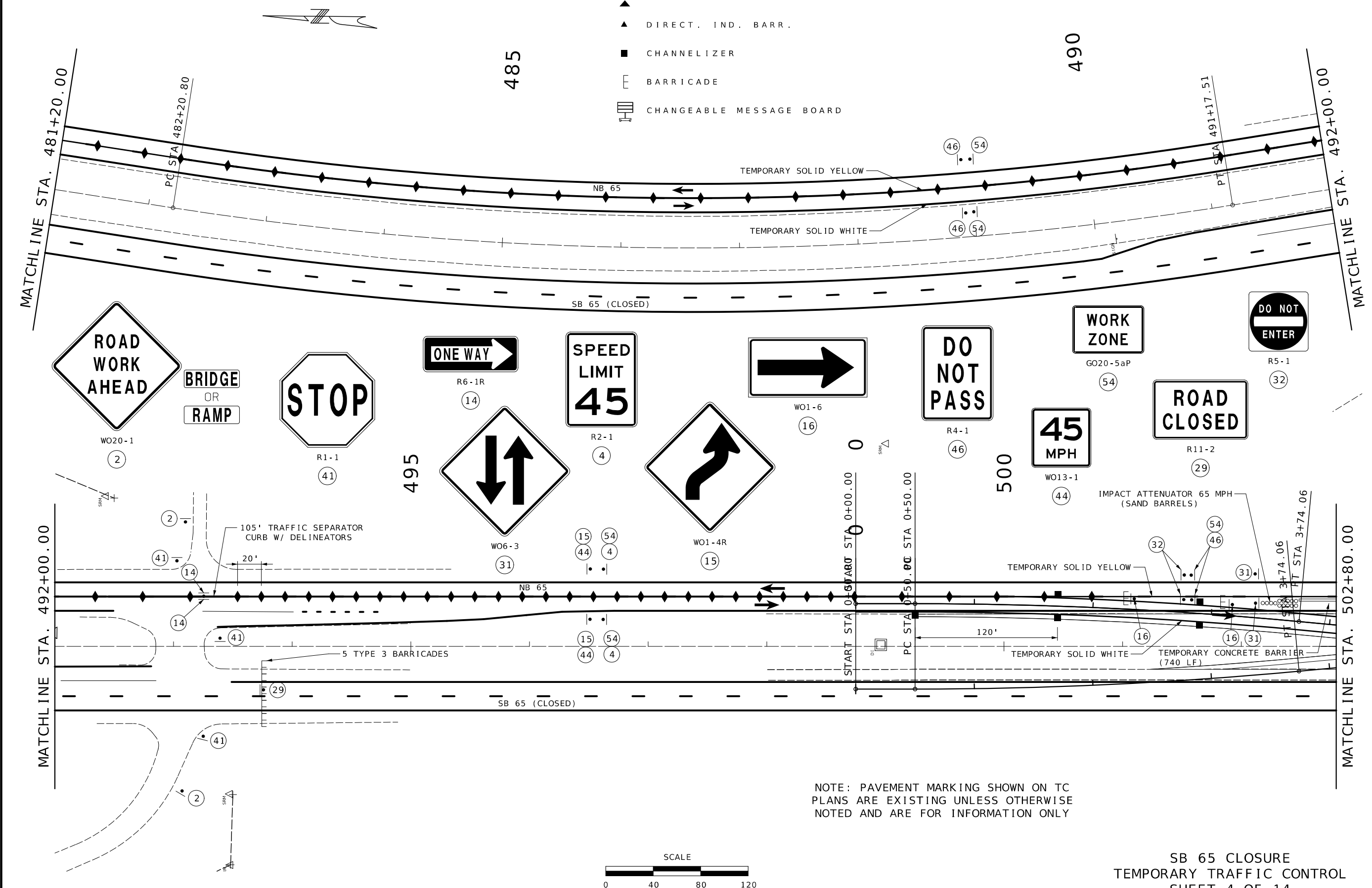
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JEFFERSON CITY, MO 65102

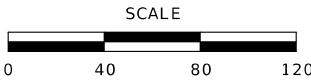
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECT. IND. BARR.
- CHANNELIZER
- [-] BARRICADE
- ||| CHANGEABLE MESSAGE BOARD



NOTE: PAVEMENT MARKING SHOWN ON TC PLANS ARE EXISTING UNLESS OTHERWISE NOTED AND ARE FOR INFORMATION ONLY



SB 65 CLOSURE
TEMPORARY TRAFFIC CONTROL
SHEET 4 OF 14

STATE OF MISSOURI

JACLYN A. WHITE

NUMBER

PE-2003001116

PROFESSIONAL ENGINEER

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10/01/2025 3:00:38 PM

JACLYN A WHITE - CIVIL

MO-PE-2003001116

DATE PREPARED

9/23/2025

ROUTE

65

STATE

MO

DISTRICT

KC

SHEET NO.

16

COUNTY

PETTIS

JOB NO.

J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

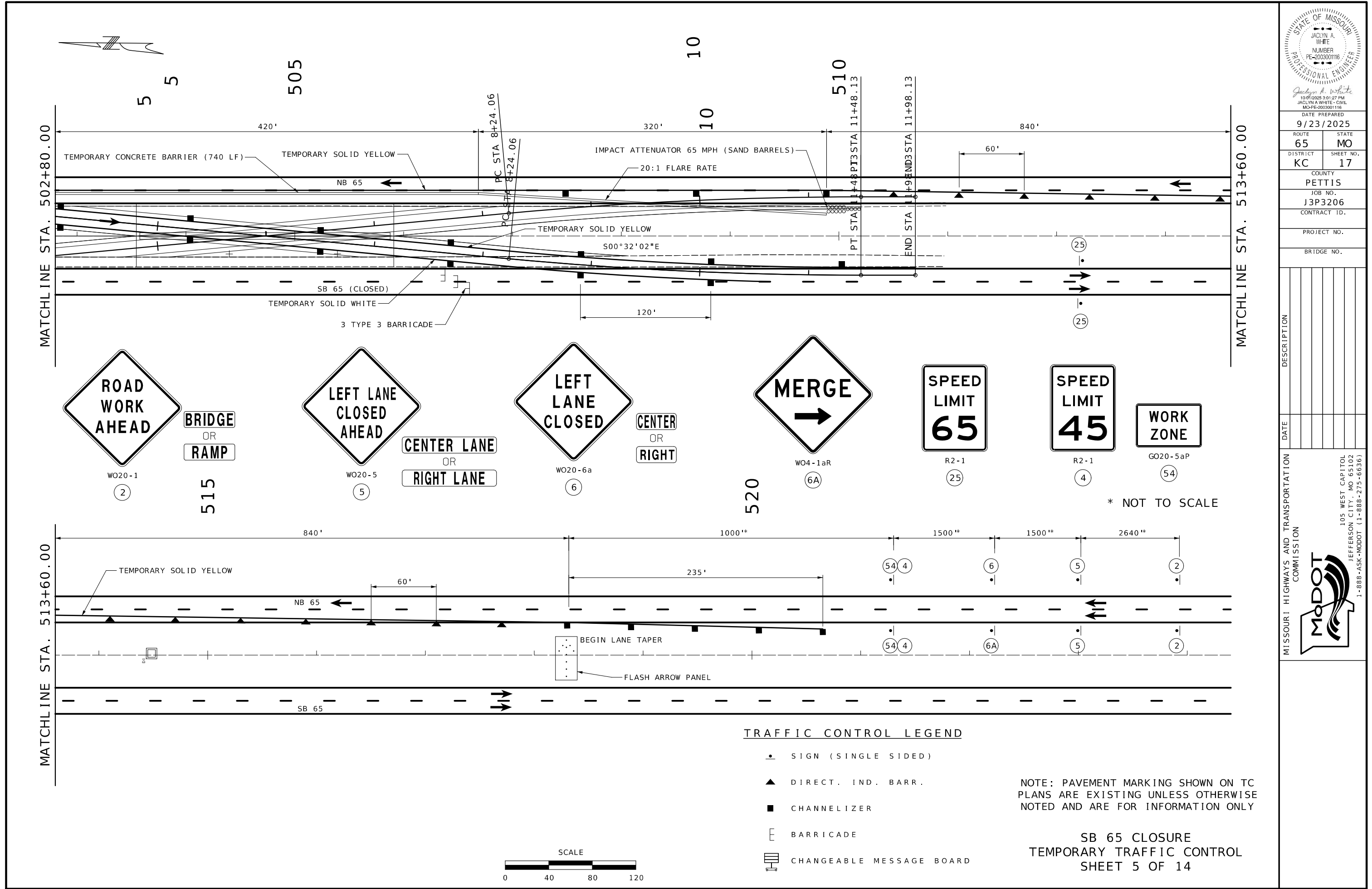
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



DATE PREPARED
9/23/2025

ROUTE
65

STATE
MO

DISTRICT
KC

SHEET NO.
17

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

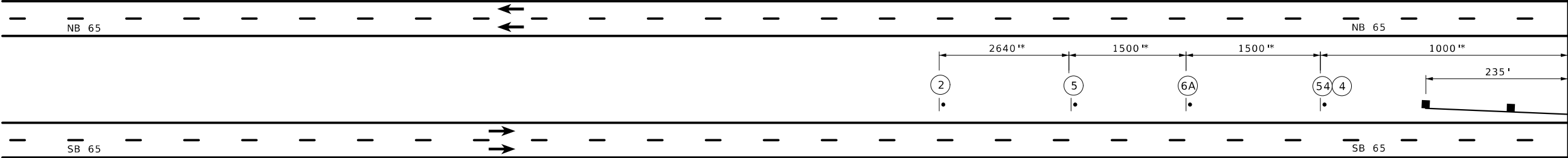
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECT. IND. BARR.
- CHANNELIZER
- E BARRICADE
- CHANGEABLE MESSAGE BOARD

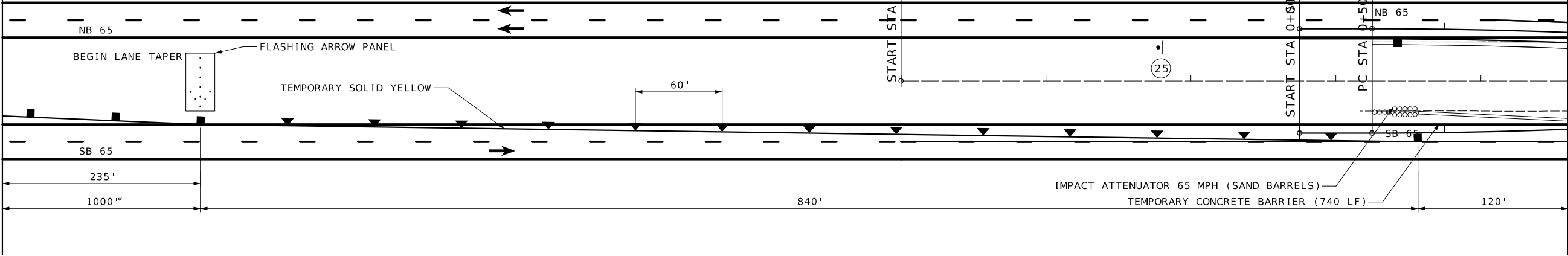


MATCHLINE STA. 448+80.00

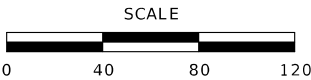


**NOTE: ADD SIGNAGE AT THORNLEIGH RD

MATCHLINE STA. 448+80.00



MATCHLINE STA. 459+60.00



NOTE: PAVEMENT MARKING SHOWN ON TC PLANS ARE EXISTING UNLESS OTHERWISE NOTED AND ARE FOR INFORMATION ONLY

NB 65 CLOSURE
TEMPORARY TRAFFIC CONTROL
SHEET 6 OF 14

STATE OF MISSOURI

JACLYN A. WHITE

NUMBER

PE-2003001116

PROFESSIONAL ENGINEER

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10/01/2025 3:02:03 PM

JACLYN A. WHITE - CIVIL

MO-PE-2003001116

DATE PREPARED

9/23/2025

ROUTE

65

STATE

MO

DISTRICT

KC

SHEET NO.

18

COUNTY

PETTIS

JOB NO.

J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

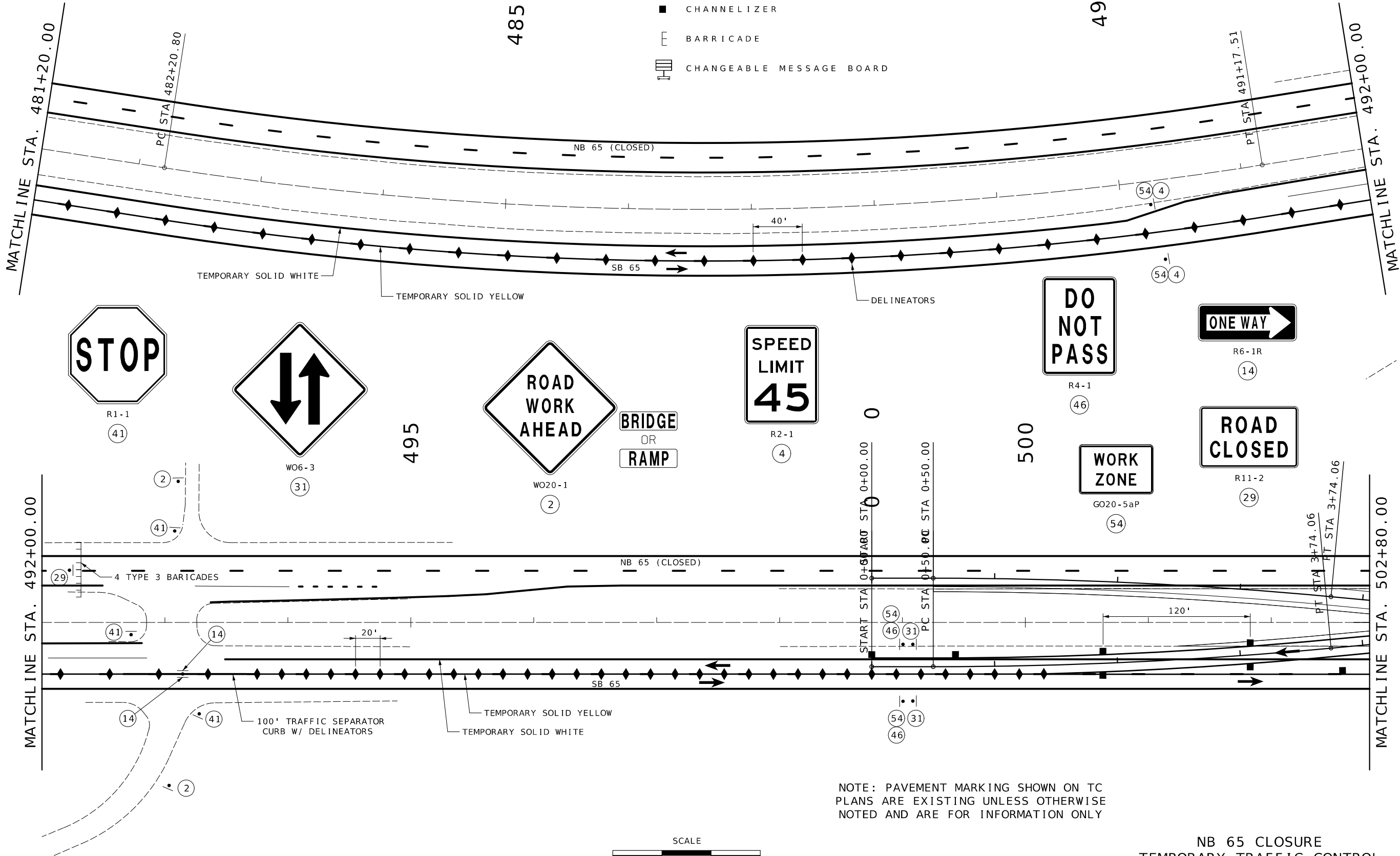
JEFFERSON CITY, MO 65102

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

MoDOT

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECT. IND. BARR.
- CHANNELIZER
- E BARRICADE
- ▨ CHANGEABLE MESSAGE BOARD



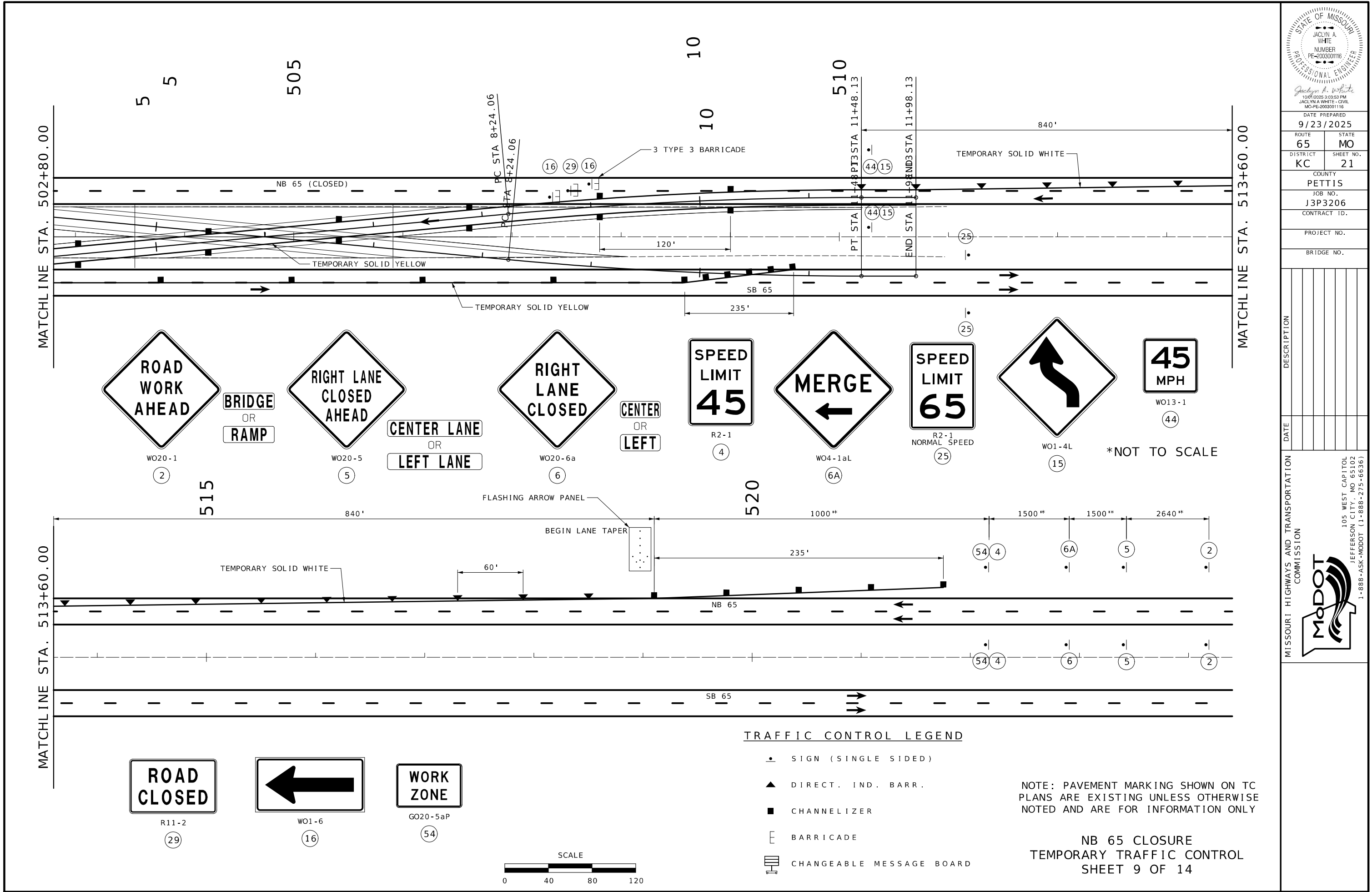
DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 20
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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



STATE OF MISSOURI
JACLYN A. WHITE
NUMBER
PE-2003001116
PROFESSIONAL ENGINEER
Jaclyn A. White
10/01/2025 3:03:58 PM
JACLYN A. WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 21
COUNTY PETTIS	
JOB NO. J3P3206	
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 LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECT. IND. BARR.
- CHANNELIZER
- ┌ BARRICADE
- ▬ CHANGEABLE MESSAGE BOARD

NOTE: PAVEMENT MARKING SHOWN ON TC PLANS ARE EXISTING UNLESS OTHERWISE NOTED AND ARE FOR INFORMATION ONLY

NB 65 CLOSURE
TEMPORARY TRAFFIC CONTROL
SHEET 9 OF 14

ROAD
CLOSED

R11-2

29

WORK
AREA

BUFFER
SPACE

29

S OR
SA

S OR
SB

ROAD
CLOSED
XX FT

W020-3a

BRIDGE
WORK
AHEAD

ROAD

OR

RAMP

W025-6

W020-1



ROAD CLOSED
MILES AHEAD
LOCAL TRAFFIC ONLY

R11-3a

OR

ROAD CLOSED
TO
THRU TRAFFIC

R11-4

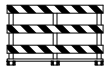
NOTES:

SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

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

"ROAD CLOSED" SIGN MAY BE PLACED 7-10 FEET BEHIND THE BARRICADES AND AT A SIGN HEIGHT APPROPRIATE TO THE TYPE OF ROADWAY. ONE BARRICADE SHOULD BE REQUIRED TO COMPLETELY CLOSE EACH 8-FEET OF PAVEMENT. PAVED SHOULDERS SHALL BE INCLUDED IN THE AREA TO BE CLOSED.



BARRICADE

HIGHWAY
CLOSURE
ON DIVIDED HIGHWAY
TEMPORARY
TRAFFIC CONTROL
SHEET 10 OF 14



Jaclyn A. White
10/01/2025 3:04:28 PM
JACLYN A WHITE - CIVIL
MO-PE-200300116

DATE PREPARED

9/23/2025

ROUTE STATE

65 MO

DISTRICT SHEET NO.

KC 22

COUNTY

PETTIS

JOB NO.

J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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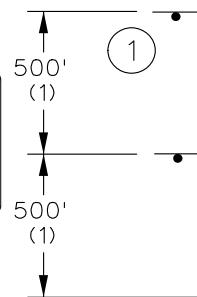
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DATE

DATE

WORK ZONE
NO PHONE
ZONE

SPECIAL (4)



26

1000'
(1)

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.

1000'
(1)

26



26

1000'
(1)

NOTES:

SIGN G020-1 IS REQUIRED.

SIGN G020-2 IS USED ON ALL PROJECTS WHERE SIGN G020-1 IS USED.
OTHER 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.

(2) SIGN CONST-5-96 OR CONST-5-48 IS PLACED IN A VISIBLE AREA
WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT
DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE
PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET
BEFORE SIGN G020-1 ROAD WORK NEXT XX MILES.

(3) THE "POINT OF PRESENCE" SIGN IS AVAILABLE IN TWO SIZES
DEPENDING ON ROADWAY CONDITION. THE 48 IN. X 36 IN.
SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT
OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS
OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT
RIGHT OF WAY FOR AN EIGHT FOOT WIDE SIGN. THE
96IN. X 48 IN. VERSION OF THE SIGN IS USED IN ALL OTHER
APPLICATIONS. BUT CAN ALSO BE USED IN PLACE OF THE
48 IN. X 36 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

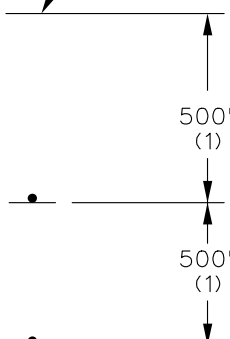
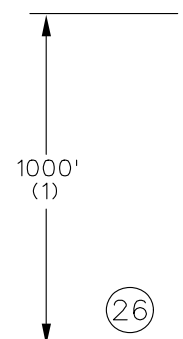
(4) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM
OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

PAVEMENT MARKING SHOWN ON TRAFFIC CONTROL PLANS ARE
EXISTING UNLESS OTHERWISE NOTED AND ARE FOR
INFORMATION ONLY



CONST-5-96 (2)(3)

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



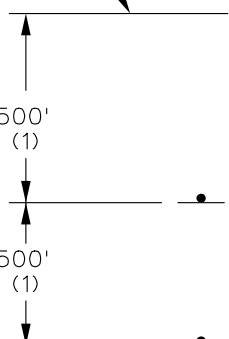
1

WORK ZONE
NO PHONE
ZONE

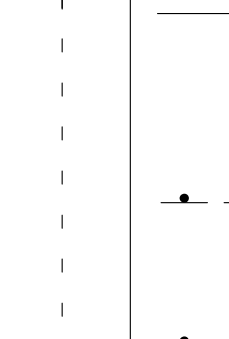
SPECIAL (4)

WORK ZONE
NO PHONE
ZONE

SPECIAL (4)



1



1

ROAD WORK
NEXT XX MILES

G020-1
1

END
ROAD WORK

G020-2
26

WORK ZONE
NO PHONE
ZONE

SPECIAL (4)



CONST-5-48 (2)(3)

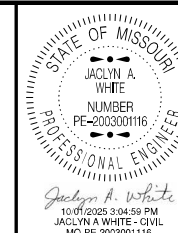
TWO-LANE UNDIVIDED

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

MULTI-LANE DIVIDED

NO SCALE

BEGIN/END
PROJECT SIGNING
TEMPORARY
TRAFFIC CONTROL
SHEET 11 OF 14



DATE PREPARED

9/23/2025

ROUTE 65 STATE MO

DISTRICT KC SHEET NO. 23

COUNTY PETTIS

JOB NO. J3P3206

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)



SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

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 SIGN SHALL BE SUBSTITUTED.

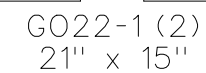
WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE ADDITIONAL
TTC DEVICES SHALL BE PLACED AS NEEDED.

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

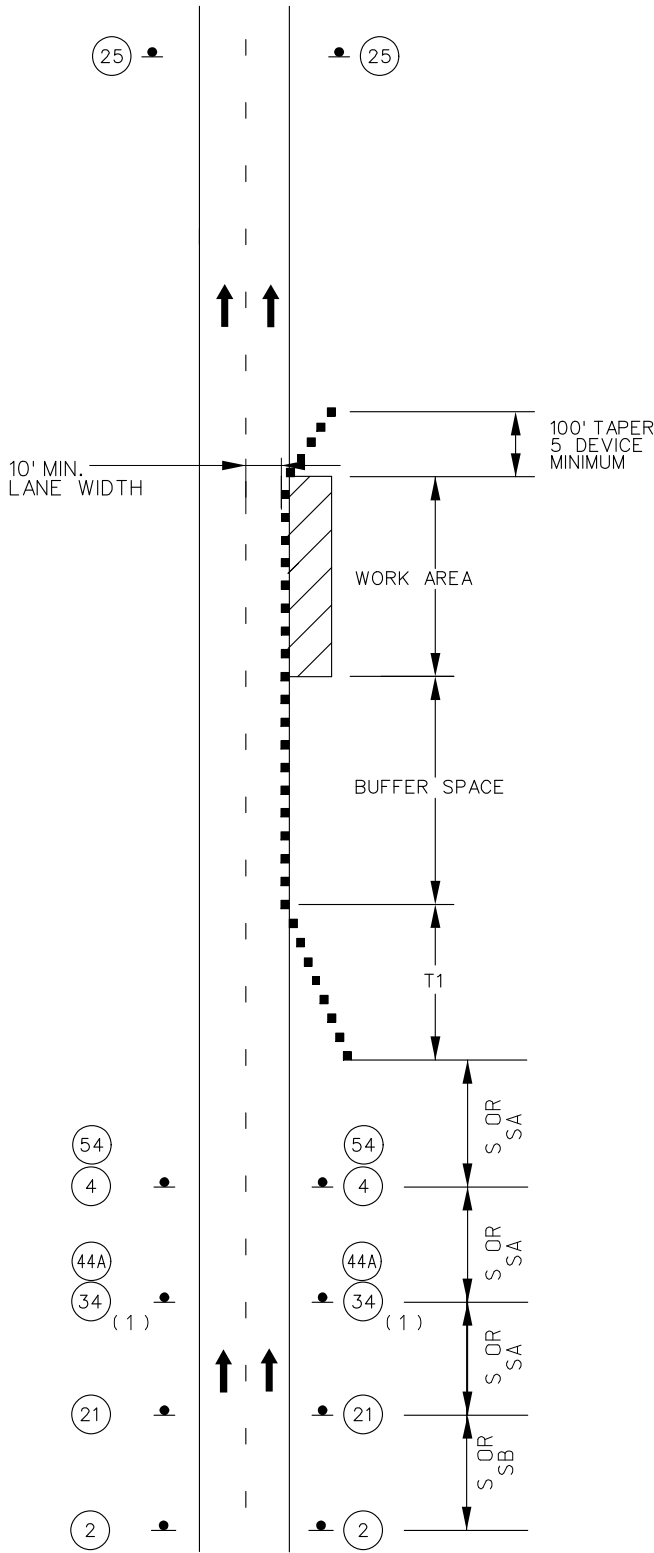
PAVEMENT MARKING SHOWN ON TRAFFIC CONTROL PLANS ARE
EXISTING UNLESS OTHERWISE NOTED AND ARE FOR
INFORMATION ONLY

STATIONARY LANE CLOSURE
ON DIVIDED HIGHWAY
TEMPORARY
TRAFFIC CONTROL
SHEET 12 OF 14

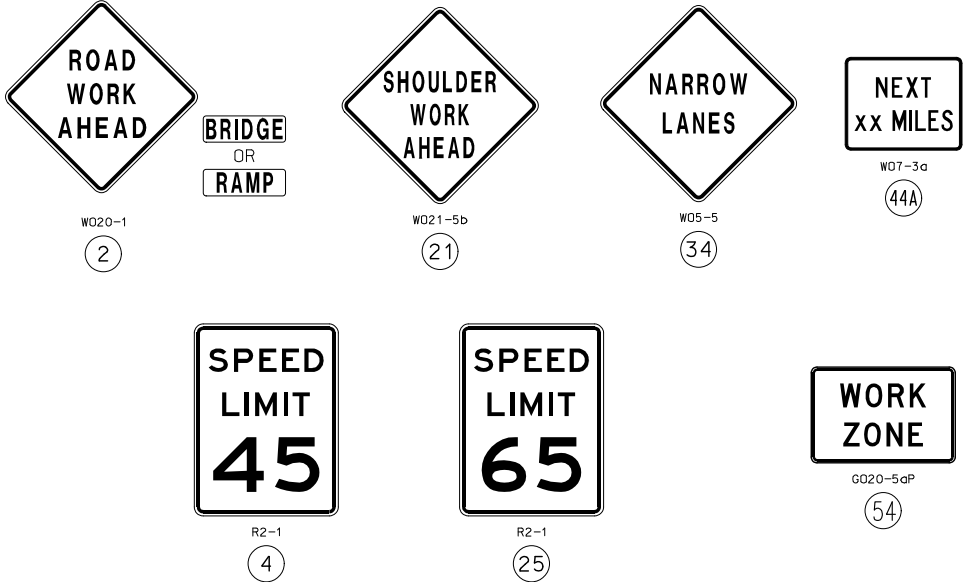




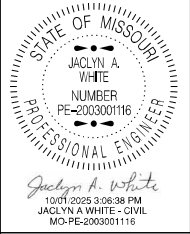
(3). ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.



MULTI-LANE DIVIDED
SHOULDER WORK
MINOR TRAVELWAY ENCROACHMENT



- NOTES:
- SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
 - SIGN 2 NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.
 - THE PROTECTIVE VEHICLE MAY BE OMITTED IF A TAPER AND CHANNELIZING DEVICES ARE USED.
 - 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.
 - VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH -INTENSITY ROTATING FLASHING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
 - SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-DENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
 - (1). SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



DATE PREPARED
9/23/2025

ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 26

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

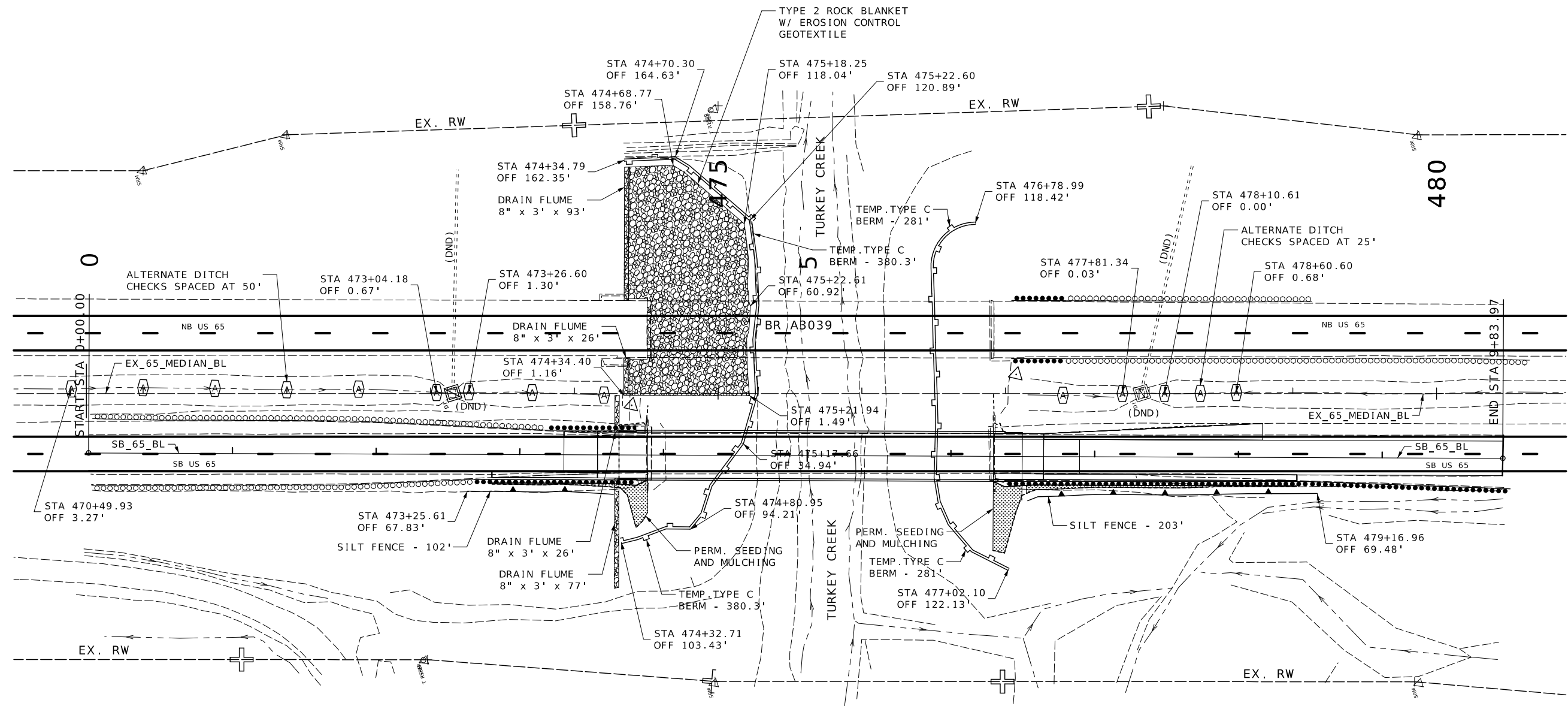
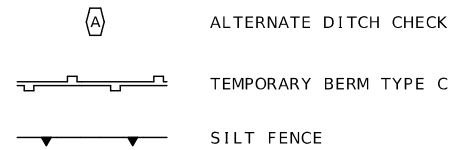
PROJECT NO.

BRIDGE NO.

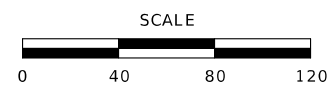
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

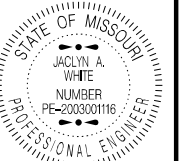
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



PLACE TYPE 2 ROCK BLANKET FLUSH WITH
EXISTING GROUND LINE



TEMPORARY/PERMANENT
EROSION CONTROL SHEET
SHEET 1 OF 13



Jaclyn A. White
10/01/2025 3:07:24 PM
JACLYN A WHITE - CIVIL

DATE PREPARED

9/23/2025	
-----------	--

ROUTE	STATE
65	MO

DISTRICT	SHEET NO.
KC	27

COUNTY
PETTIS

JOB NO.
J3P3206

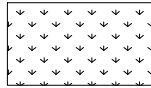
CONTRACT ID.

PROJECT NO.

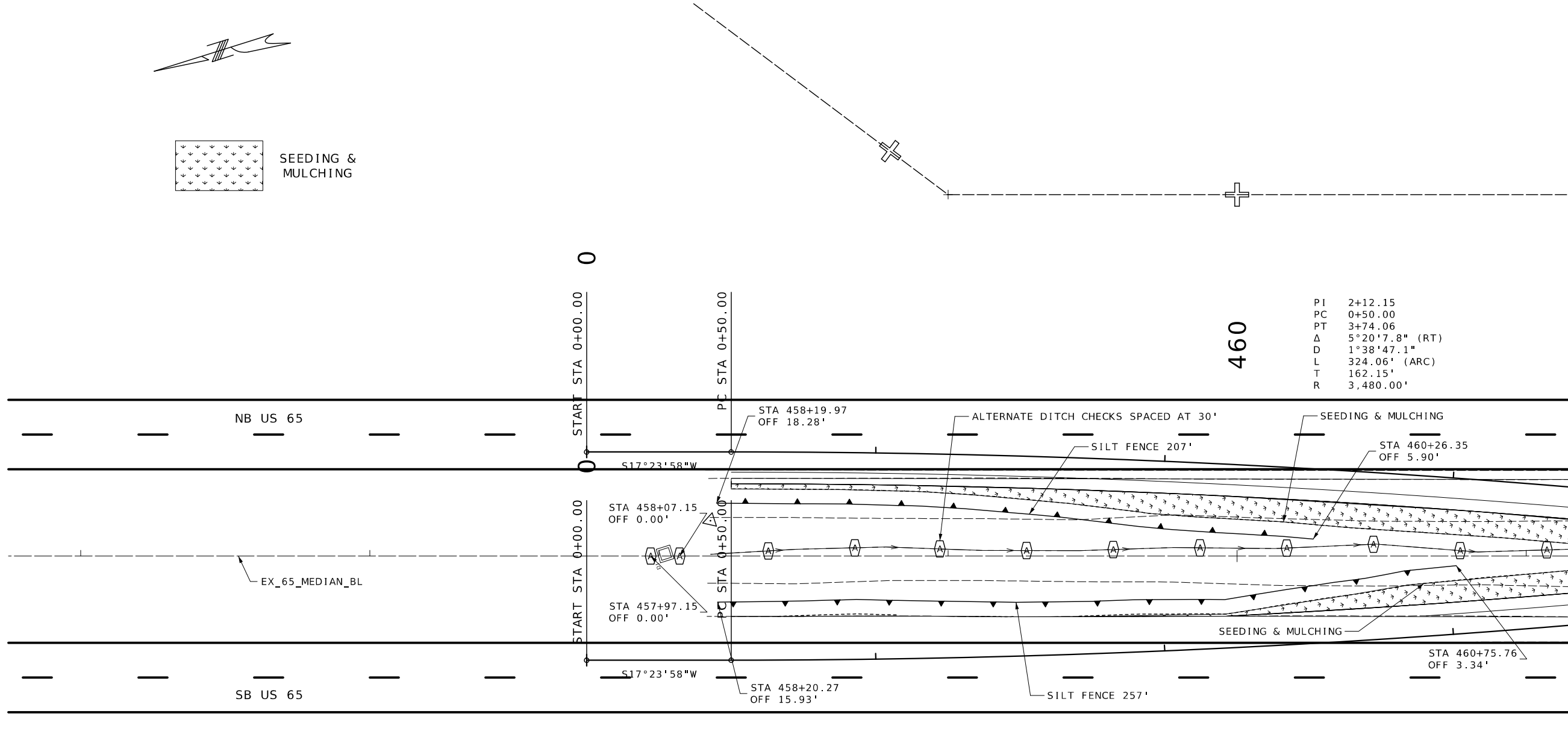
BRIDGE NO.



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

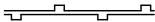
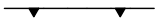


SEEDING &
MULCHING



PI 2+12.15
PC 0+50.00
PT 3+74.06
 Δ 5°20'7.8" (RT)
D 1°38'47.1"
L 324.06' (ARC)
T 162.15'
R 3,480.00'

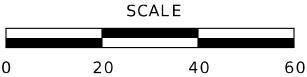
TEMPORARY EROSION CONTROL LEGEND

-  ALTERNATE DITCH CHECK
-  TEMPORARY BERM TYPE C
-  SILT FENCE

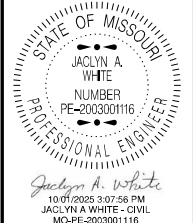
NOTES:

MAINTAIN 5' DISTANCE BETWEEN LIMITS OF CONSTRUCTION AND SILT FENCE WHERE POSSIBLE

ADJUST TEMPORARY AND PERMANENT EROSION CONTROL MEASURES AS NECESSARY TO MEET FIELD CONDITIONS AS DIRECTED BY ENGINEER



PHASED CONSTRUCTION
EROSION CONTROL SHEET
SHEET 2 OF 13



DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 28
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

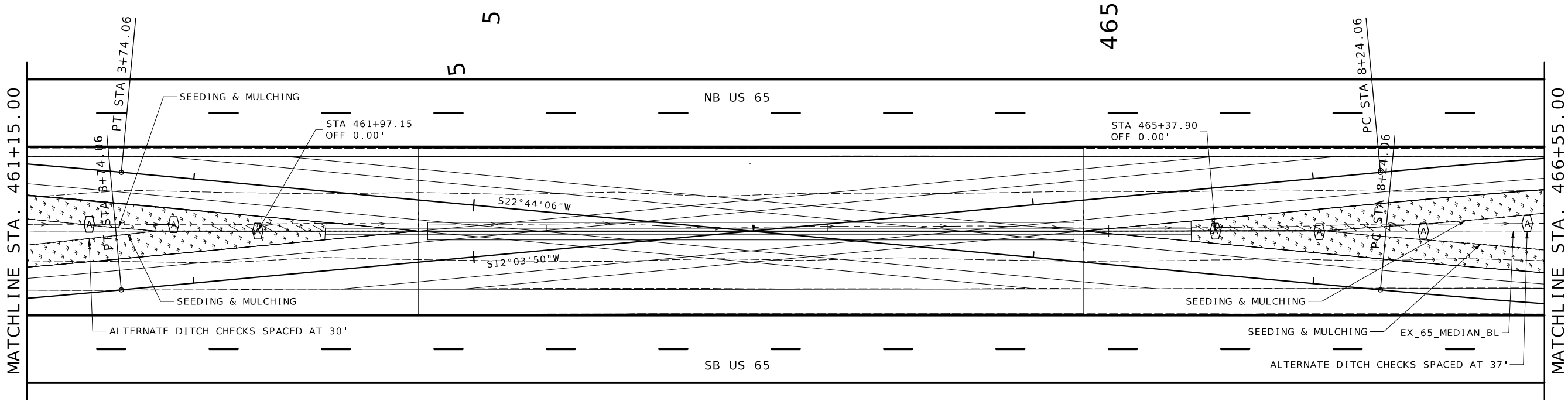
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



REV.



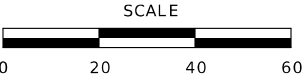
TEMPORARY EROSION CONTROL LEGEND

- ALTERNATE DITCH CHECK
- TEMPORARY BERM TYPE C
- SILT FENCE

NOTES:

MAINTAIN 5' DISTANCE BETWEEN LIMITS OF CONSTRUCTION AND SILT FENCE WHERE POSSIBLE

ADJUST TEMPORARY AND PERMANENT EROSION CONTROL MEASURES AS NECESSARY TO MEET FIELD CONDITIONS AS DIRECTED BY ENGINEER



PHASED CONSTRUCTION
EROSION CONTROL SHEET
SHEET 3 OF 13

STATE OF MISSOURI
JACLYN A. WHITE
NUMBER
PE-2003001116
PROFESSIONAL ENGINEER
10/01/2025 3:08:30 PM
JACLYN A. WHITE - CIVIL
MO-PE-2003001116

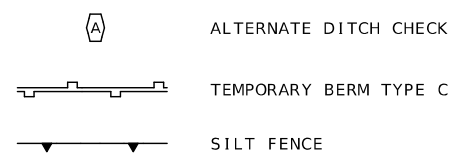
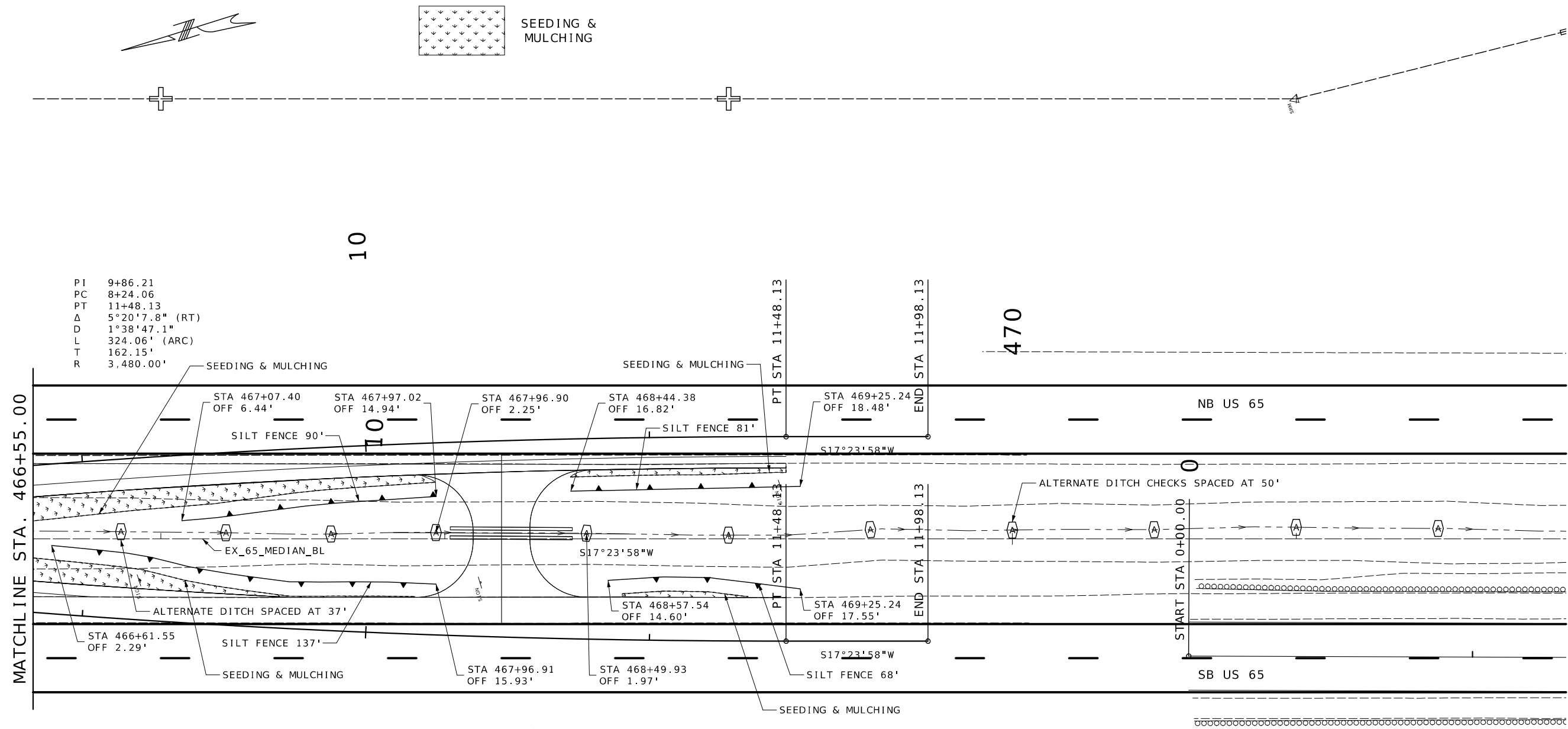
DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 29
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

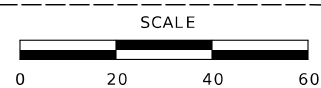
REV.



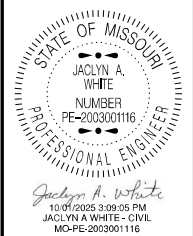
NOTES :

MAINTAIN 5' DISTANCE BETWEEN LIMITS OF
CONSTRUCTION AND SILT FENCE WHERE POSSIBLE

ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER



PHASED CONSTRUCTION
EROSION CONTROL SHEET
SHEET 4 OF 13



DATE PREPARED

9/23/2025

ROUTE	STATE
65	MO

DISTRICT KC	SHEET NO. 30
----------------	-----------------

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

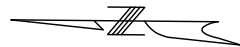
CONTRACT NO.
PROJECT NO.

BRIDGE NO.

BRIDGE NO.							

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

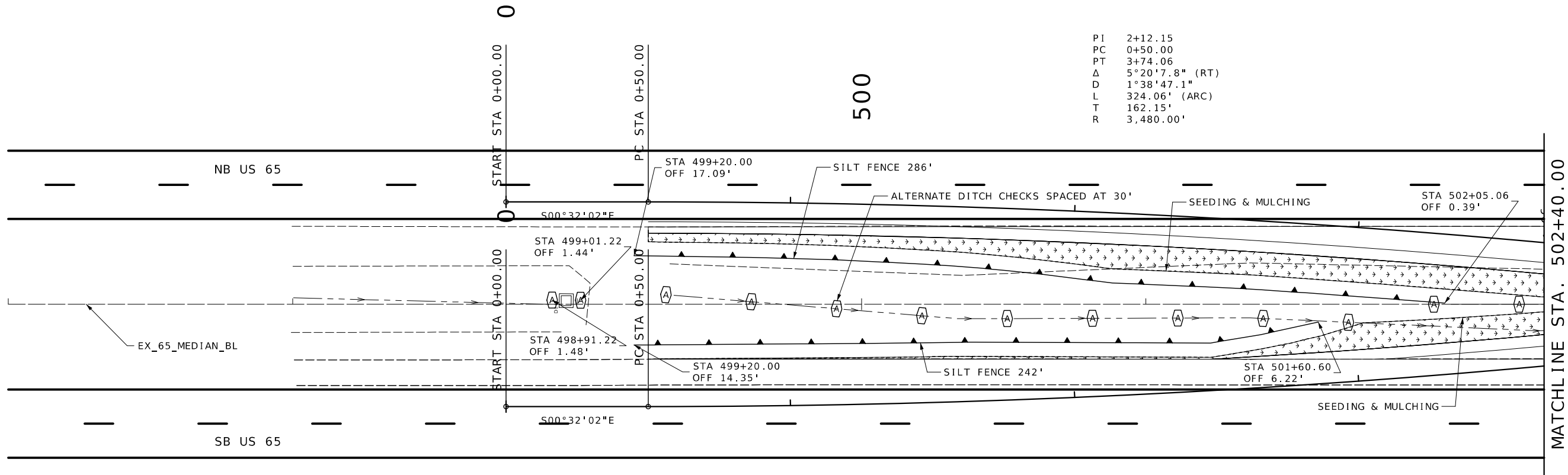
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



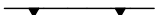
SEEDING &
MULCHING

500

PI 2+12.15
PC 0+50.00
PT 3+74.06
 Δ 5°20'7.8" (RT)
D 1°38'47.1"
L 324.06' (ARC)
T 162.15'
R 3,480.00'



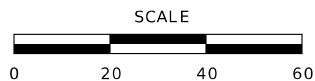
TEMPORARY EROSION CONTROL LEGEND

-  ALTERNATE DITCH CHECK
-  TEMPORARY BERM TYPE C
-  SILT FENCE

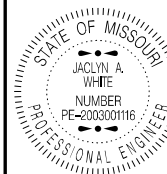
NOTES:

MAINTAIN 5' DISTANCE BETWEEN LIMITS OF
CONSTRUCTION AND SILT FENCE WHERE POSSIBLE

ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER



PHASED CONSTRUCTION
EROSION CONTROL SHEET
SHEET 5 OF 13



Jaclyn A. White
10/01/2025 3:39:40 PM
JACLYN A WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED
9/23/2025

ROUTE 65 STATE MO

DISTRICT KC SHEET NO. 31

COUNTY

PETTIS

JOB NO.

J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

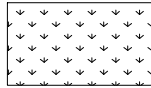
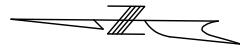
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

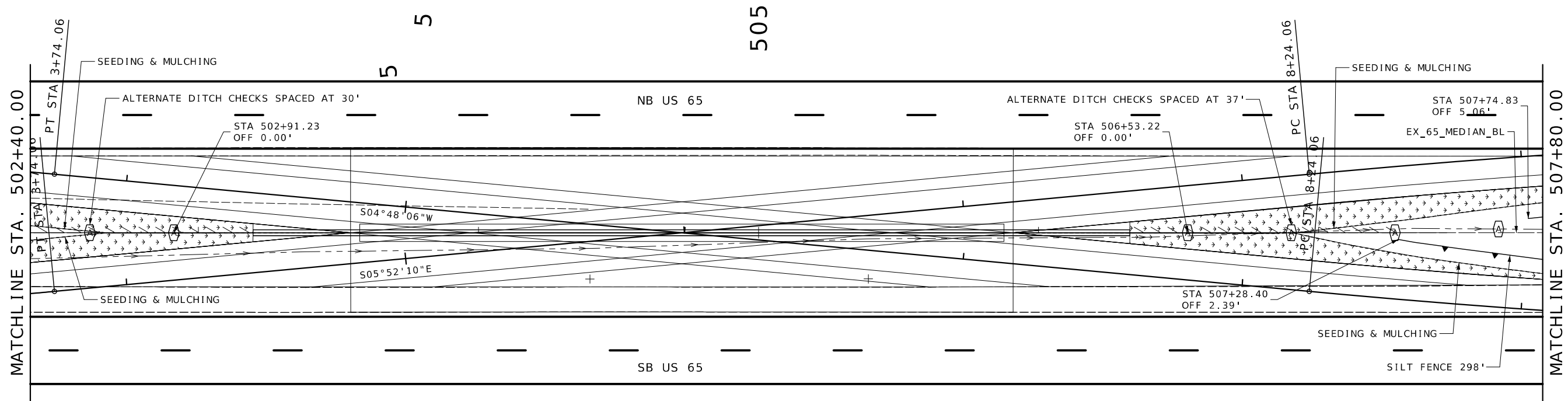


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REV.



SEEDING &
MULCHING



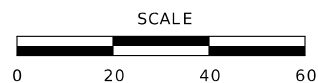
TEMPORARY EROSION CONTROL LEGEND

- ALTERNATE DITCH CHECK
- TEMPORARY BERM TYPE C
- SILT FENCE

NOTES:

MAINTAIN 5' DISTANCE BETWEEN LIMITS OF
CONSTRUCTION AND SILT FENCE WHERE POSSIBLE

ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER



PHASED CONSTRUCTION
EROSION CONTROL SHEET
SHEET 6 OF 13



DATE PREPARED
9/23/2025

ROUTE	STATE
65	MO
DISTRICT	SHEET NO.
KC	32

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

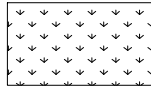
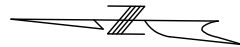
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



SEEDING &
MULCHING

10

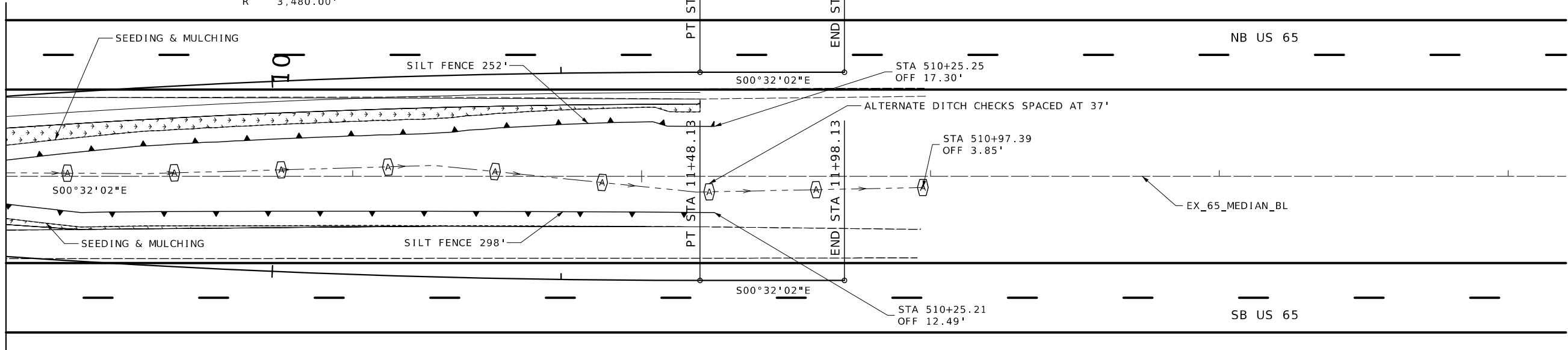
PI 9+86.21
PC 8+24.06
PT 11+48.13
 Δ $5^{\circ}20'7.8''$ (RT)
D $1^{\circ}38'47.1''$
L 324.06' (ARC)
T 162.15'
R 3,480.00'

510

PT STA 11+48.13

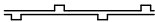
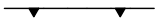
END STA 11+98.13

MATCHLINE STA. 507+80.00



PI 9+86.21
PC 8+24.06
PT 11+48.13
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D $1^{\circ}38'47.1''$
L 324.06' (ARC)
T 162.15'
R 3,480.00'

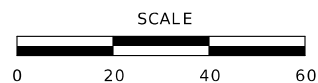
TEMPORARY EROSION CONTROL LEGEND

-  ALTERNATE DITCH CHECK
-  TEMPORARY BERM TYPE C
-  SILT FENCE

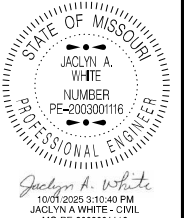
NOTES:

MAINTAIN 5' DISTANCE BETWEEN LIMITS OF
CONSTRUCTION AND SILT FENCE WHERE POSSIBLE

ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER



PHASED CONSTRUCTION
EROSION CONTROL SHEET
SHEET 7 OF 13



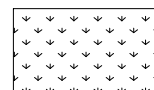
DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 33
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



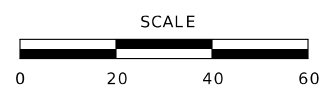
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



NB US 65

SB US 65

ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER



FINAL
EROSION CONTROL SHEET
SHEET 8 OF 13

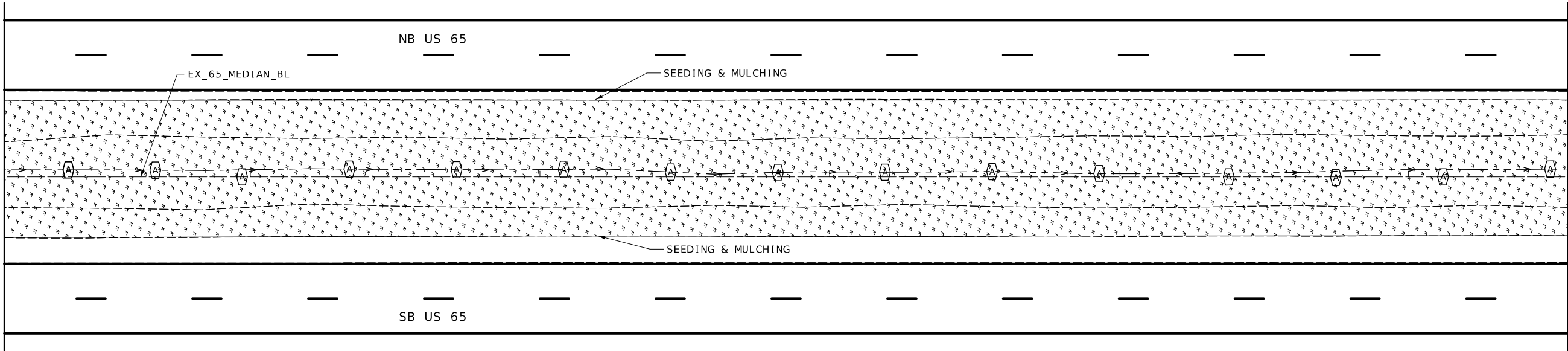
460

MATCHLINE STA. 461+15.00



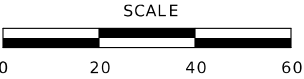
REV

MATCHLINE STA. 461+15.00



NOTES:

ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER



1

FINAL
EROSION CONTROL SHEET
SHEET 9 OF 13



Jaclyn A. White
10/01/2025 3:11:42 PM
JACLYN A WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED
9/23/2025

ROUTE	STATE
65	MO
DISTRICT	SHEET NO.
KC	35

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

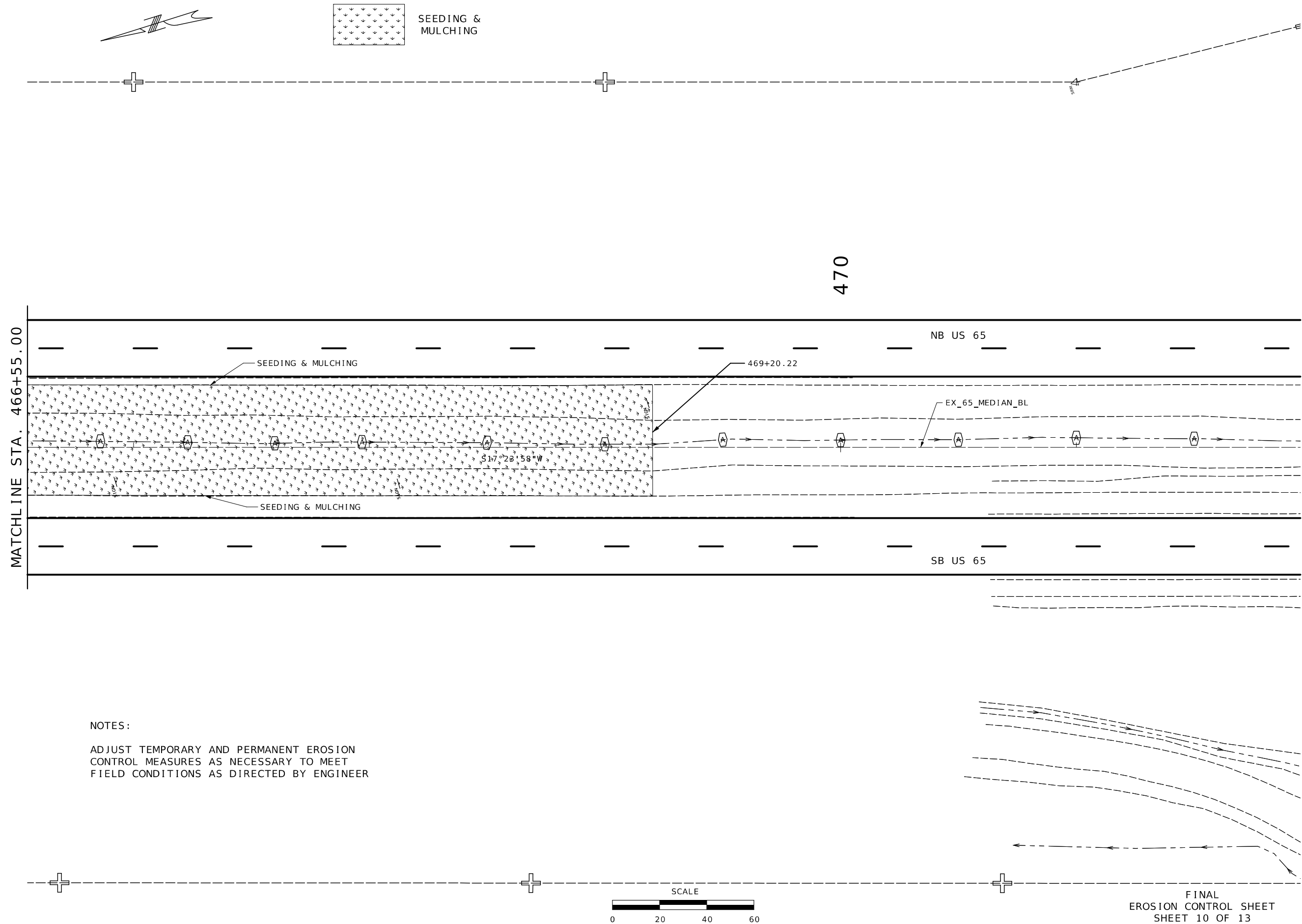
BRIDGE NO.

DATE	DESCRIPTION

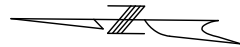
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

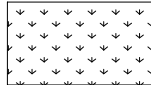
REV.



 DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 36
COUNTY PETTIS	
JOB NO. J3P3206	
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)	



SW



SEEDING &
MULCHING

500

NB US 65

EX_65_MEDIAN_BL

499+25.00

SEEDING & MULCHING

SEEDING & MULCHING

SB US 65

MATCHLINE STA. 502+40.00

NOTES:

ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER

SCALE



FINAL
EROSION CONTROL SHEET
SHEET 11 OF 13



Jaclyn A. White
10/01/2025 3:12:42 PM
JACLYN A WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED
9/23/2025

ROUTE	STATE
65	MO

DISTRICT	SHEET NO.
KC	37

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

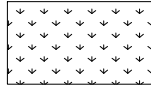
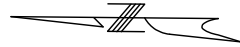
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



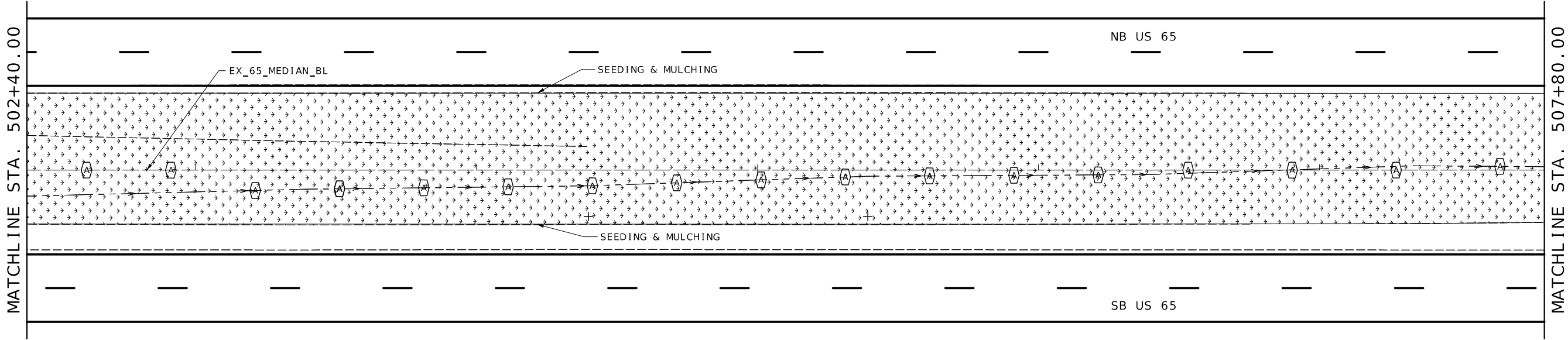
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REV.



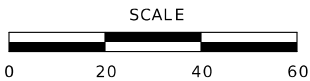
SEEDING &
MULCHING

505



NOTES:

ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER



FINAL
EROSION CONTROL SHEET
SHEET 12 OF 13



Jaclyn A. White
10/01/2025 3:13:15 PM
JACLYN A WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 38

COUNTY
PETTIS
JOB NO.
J3P3206
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

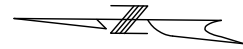
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



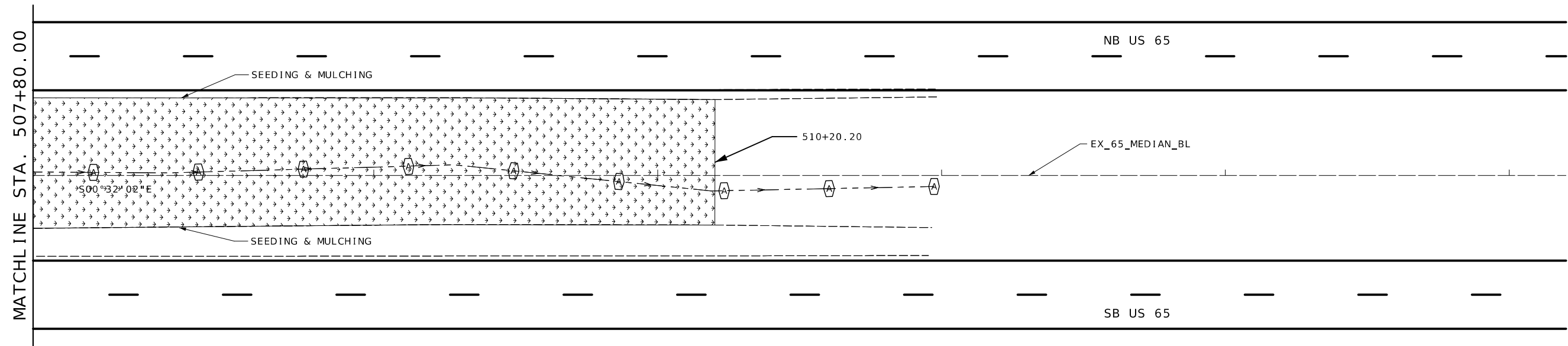
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REV.



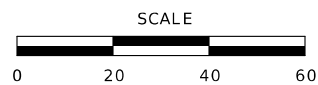
SEEDING &
MULCHING

510

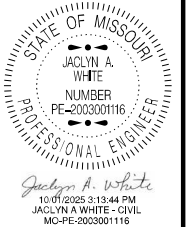


NOTES:

ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER



FINAL
EROSION CONTROL SHEET
SHEET 13 OF 13



DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 39
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

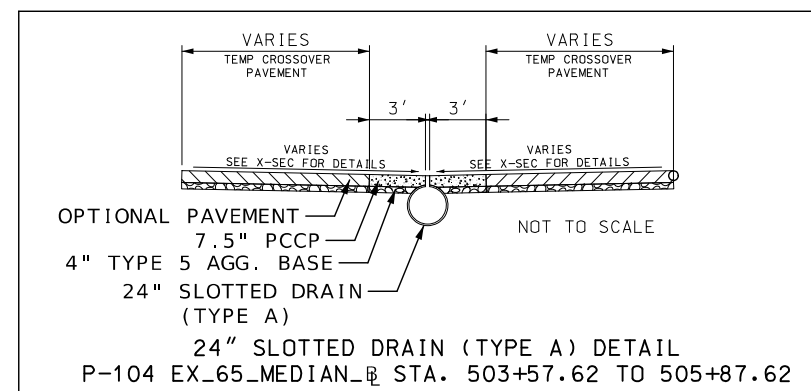
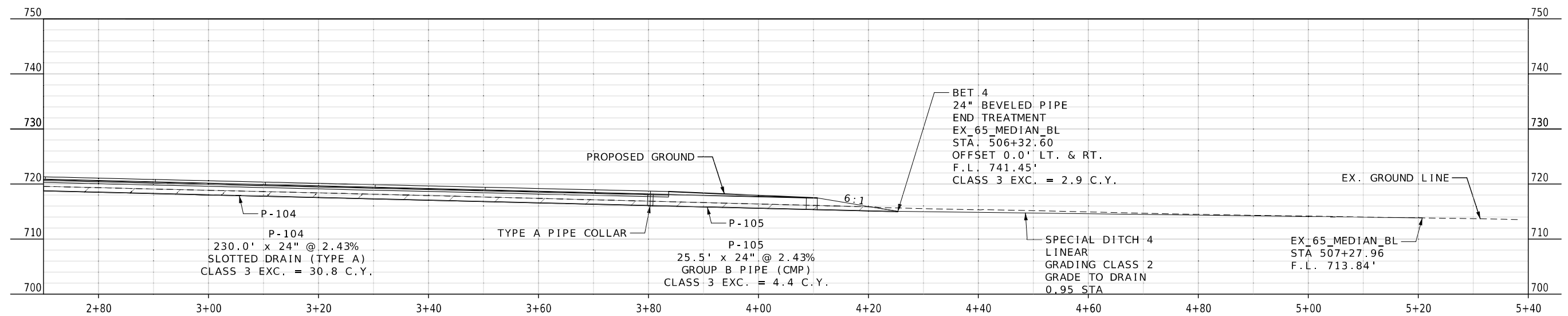
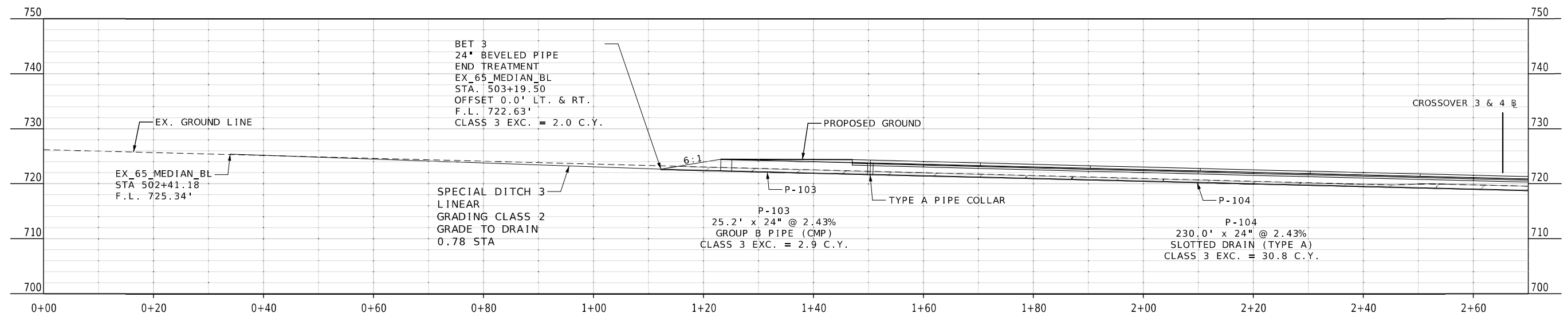
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JEFFERSON CITY, MO 65102
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REV.

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SOUTH CROSSOVER
CULVERT SECTION SHEET
SHEET 3 OF 3



Jaclyn A. White
10/01/2025 3:15:17 PM
JACLYN A WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED	
9/23/2025	
ROUTE	STATE
65	MO

DISTRICT	SHEET NO.
KC	42

COUNTY
PETTIS
JOB NO.

JOB NO.	J3P3206
CONTRACT ID.	

PROJECT NO.

BRIDGE NO.

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COMMISSION**

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JEFFERSON CITY, MO 65102
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General Notes:

Stay-In-Place Forms:

Corrugated steel forms, supports, closure elements and accessories shall be in accordance with grade requirement and coating designation G165 of ASTM A653. Complete shop drawings of the permanent steel deck forms shall be required in accordance with Sec 1080.

Corrugations of stay-in-place forms shall be filled with an expanded polystyrene material. The polystyrene material shall be placed in the forms with an adhesive in accordance with the manufacturer's recommendations.

Form sheets shall not rest directly on the top of beam flanges. Sheets shall be securely fastened to form supports with a minimum bearing length of one inch on each end. Form supports shall be placed in direct contact with the flange. Welding on or drilling holes in the beam flanges will not be permitted. All steel fabrication and construction shall be in accordance with Sec 1080 and 712. Certified field welders will not be required for welding of the form supports.

The design of stay-in-place corrugated steel forms is per manufacturer which shall be in accordance with Sec 703 for false work and forms. Maximum actual weight of corrugated steel forms allowed shall be 4 psf assumed for beam loading.

The contractor shall provide a method of preventing the direct contact of the stay-in-place forms and connection components with uncoated weathering steel members that is approved by the engineer.

Pouring and Finishing Slab:

The contractor shall provide bracing necessary for lateral and torsional stability of the beams during construction of the concrete slab and remove the bracing after the slab has attained 75% design strength. Contractor shall not weld on or drill holes in the beams. The cost for furnishing, installing, and removing bracing will be considered completely covered by the contract unit price for Slab on Steel.

Slab shall be poured upgrade from end to end at a minimum rate of 25 cubic yards per hour.

Alternate pour sequences may be submitted to the engineer for approval. Keyed construction joints shall be provided between pours.

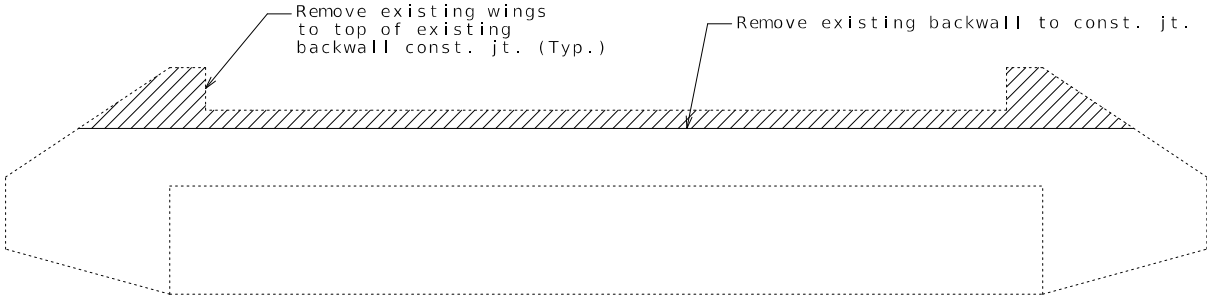
Haunching:

(1) Slab is to be considered a uniform thickness as shown on the plans. Haunching will vary. See front sheet for slab thickness.

Miscellaneous:

The exposed and accessible surfaces of the existing structural steel and bearings that will be encased in concrete shall be cleaned with a minimum of SSPC-SP-3 surface preparation and coated with a minimum of one coat of gray epoxy-mastic primer (non-aluminum) in accordance with Sec 1081 to produce a dry film thickness of not less than 3 mils before concrete is poured. The surface preparation and coating for beams shall extend a minimum of one foot outside the face of the beam encasement. Payment for cleaning and coating steel to be encased will be completely covered by the contract unit price for Slab on Steel.

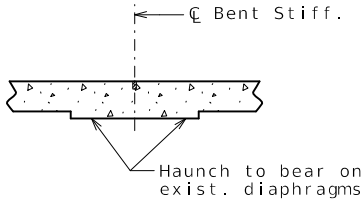
All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.



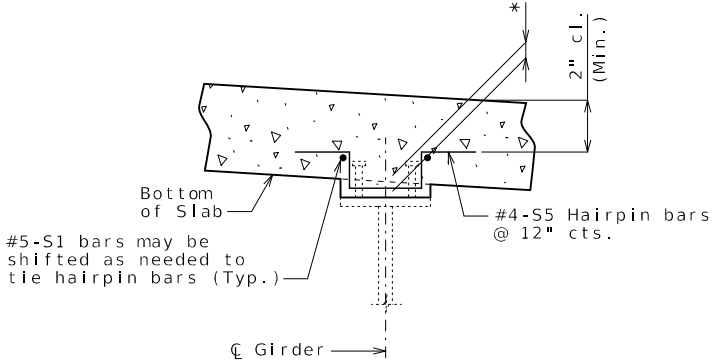
DETAILS OF CONCRETE REMOVAL AT END BENTS

The cost of concrete removal as shown will be considered completely covered by the contract unit price for Removal of Existing Bridge Deck. Vertical backwall and wingwall reinforcement to be cut off one inch below concrete removal surface and the resulting holes shall be filled with a qualified special mortar.

A smooth, level surface shall be provided at Bent No. 1 & 4 removal lines.

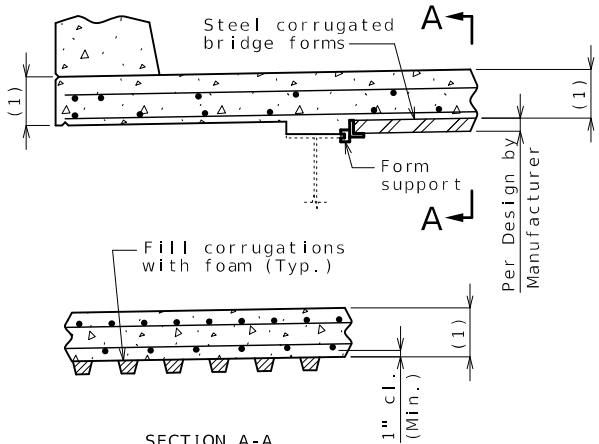


PART SECTION THRU SLAB AT INT. BENTS



SECTION THRU HAUNCH

* Place #4-S5 hairpin bars at 12" cts. where clear haunch (top of top flange to bottom of slab) exceeds 2 inches. An estimated 258 hairpin bars based on the existing plans is included in the Bill of Reinforcing Steel. The hairpin bars, complete in place, will be considered completely covered by the contract unit price for Slab on Steel. No adjustment of the quantity of reinforcing steel will be allowed for variation from the estimated quantity of hairpin bars.



SECTION A-A

OPTIONAL STAY-IN-PLACE FORM DETAILS

STATE OF MISSOURI
ALEC R. SCHLOTZ-AUER
NUMBER
PE-2023002704
PROFESSIONAL ENGINEER

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DATE PREPARED
10/30/2025

ROUTE
65 SB

DISTRICT
BR

STATE
MO

SHEET NO.
2

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A08082

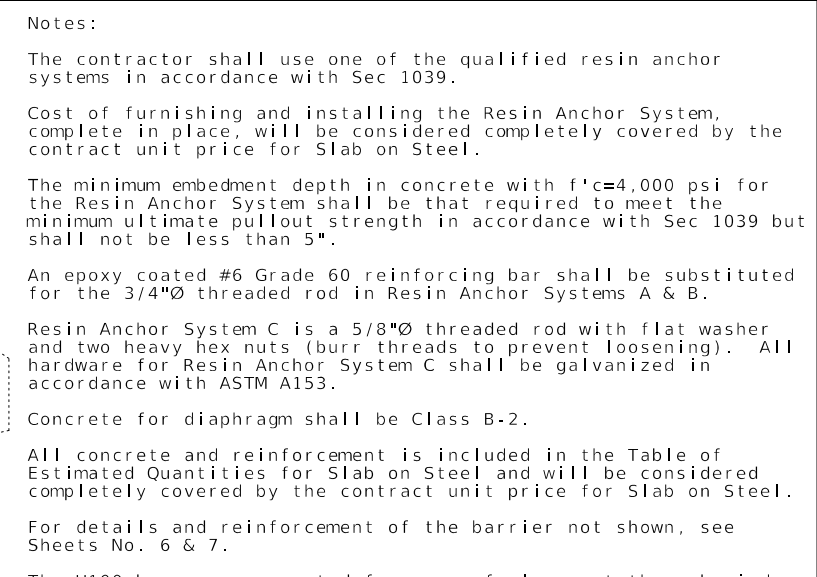
DESCRIPTION

DATE

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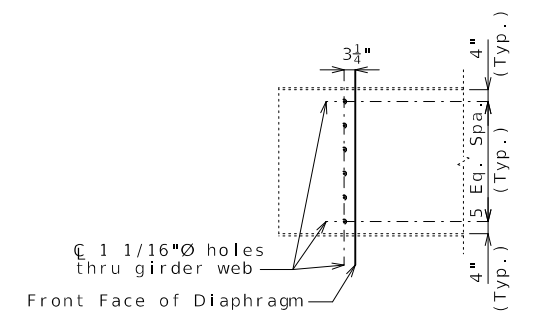
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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(Bearing stiffeners, bearings, steel end diaphragms, slab steel and Resin Anchor Systems A & C not shown for clarity)

Cost of field drilling holes in existing plate girder webs will be considered completely covered by the contract unit price for Slab on Steel.

* Substructure repair at end bents shall be in accordance with Sec 704 except repairs shall be poured monolithically with diaphragm using Class B-2 concrete. Payment for substructure repair, complete in place, will be considered completely covered by the contract unit price for Slab on Steel.



PLAN

Top of Slab

3' - 0"

2 7/8" cl.

Top of Existing Backwall

5' - 4"

Varies

Top of Slab

2 7/8" cl.

Varies

Top of Existing Backwall

System A
(35 Req'd per Bent)
(Bend in Field)

Top of Slab

3' - 0"

2 7/8" cl.

Top of Existing Backwall

5' - 4"

Varies

Top of Slab

2 7/8" cl.

Varies

Top of Existing Backwall

System B
(34 Req'd per Bent)
(Bend in Field)

Top of Slab

3' - 0"

2 7/8" cl.

Top of Existing Backwall

5' - 4"

Varies

Top of Slab

2 7/8" cl.

Varies

Top of Existing Backwall

System C
(28 Req'd per Bent)

Top of Existing Backwall

4 1/2"

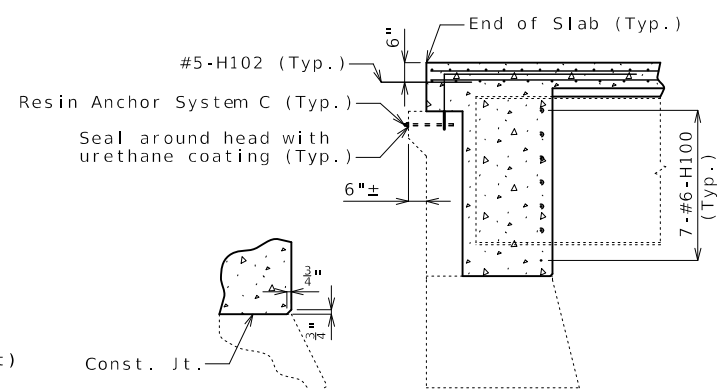
Resin Anchor System C

12" Min. Embedment

Front Face of Diaphragm

Top of Existing Beam Cap

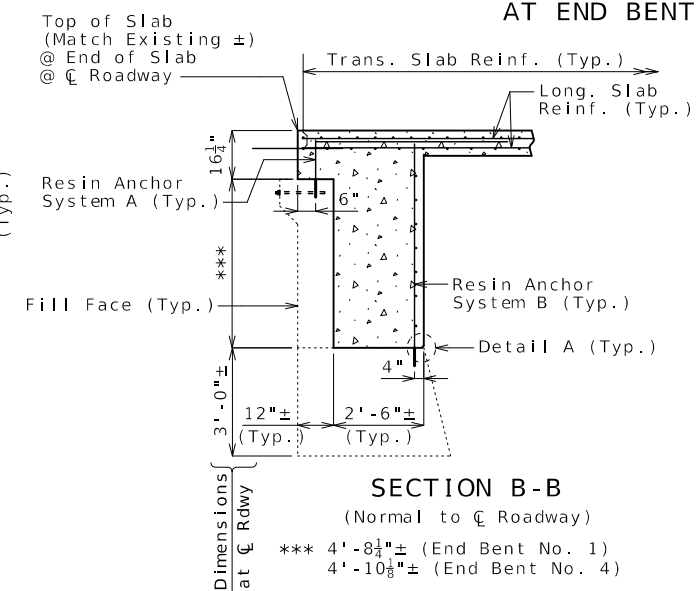
** Manufacturer's recommended embedment length (5" min.)



SECTION A-A

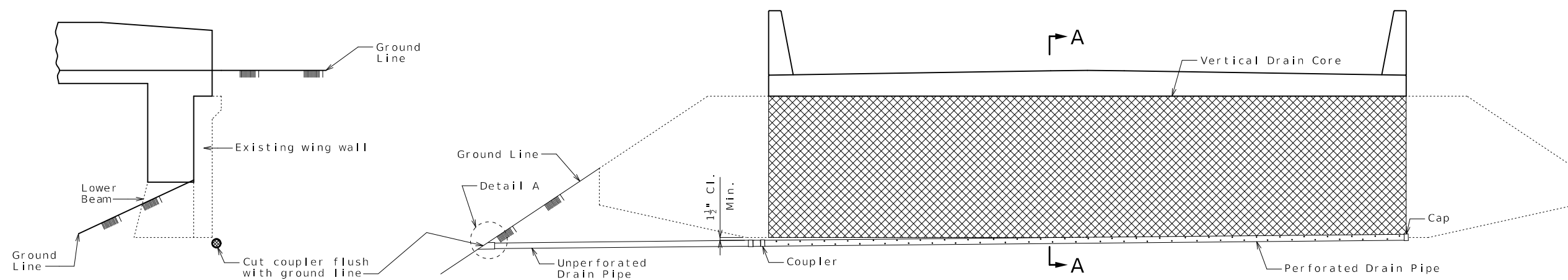
(Normal to C Roadway)

(End Bent No. 1 shown, End Bent No. 4 similar)



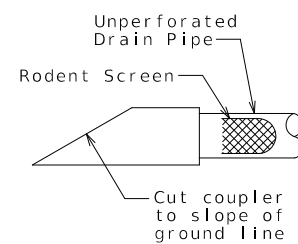
(Normal to C Roadway)

*** 4' - 8 $\frac{1}{4}$ " $\pm$ (End Bent No. 1)
4' - 10 $\frac{1}{8}$ " $\pm$ (End Bent No. 4)

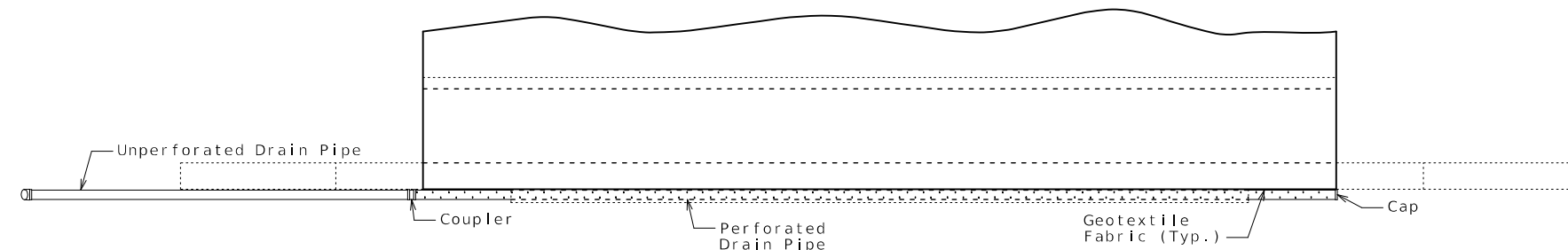


ELEVATION OF WING

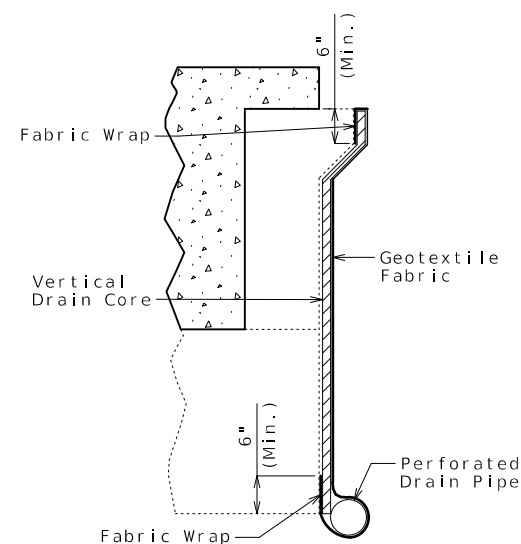
ELEVATION OF END BENT



DETAIL A



PLAN OF END BENT



PART SECTION A-A
(Section thru wing similar)

VERTICAL DRAIN AT END BENTS

(Squared end bent shown, skewed end bent similar)

General Notes:

All drain pipe shall be sloped 1 to 2 percent.

Drain pipe may be either 6-inch diameter corrugated metallic-coated steel pipe underdrain, 4-inch diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4-inch diameter corrugated polyethylene (PE) drain pipe.

Drain pipe shall be placed at fill face of end bent and inside face of wings. The pipe shall slope to lowest grade of ground line, also missing the lower beam of end bent by a minimum of 1 1/2 inches.

Perforated pipe shall be placed at fill face side and inside face of wings at the bottom of end bent and plain pipe shall be used where the vertical drain ends to the exit at ground line.



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10/30/2025

ROUTE 65 SB	STATE MO
DISTRICT BR	SHEET NO. 4

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

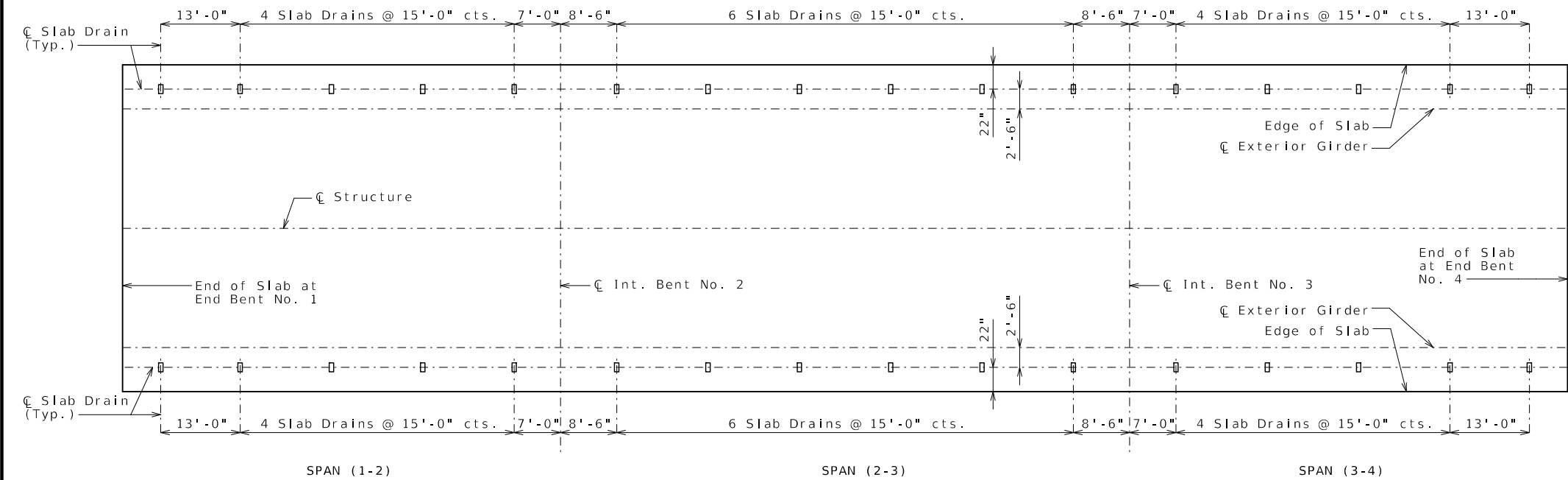
PROJECT NO.

BRIDGE NO.
A08082

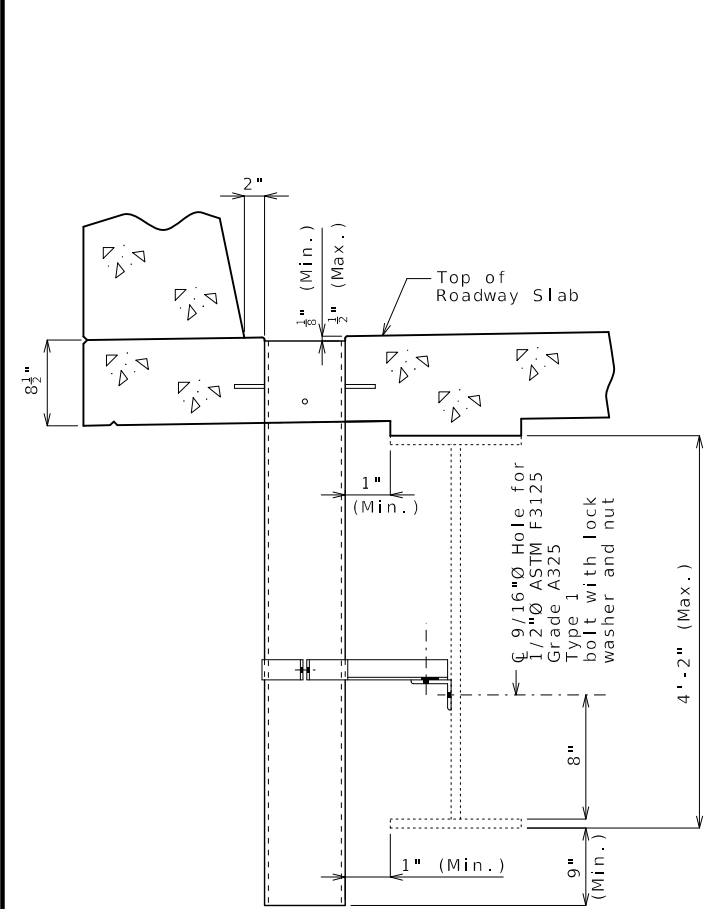
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COMMISSION

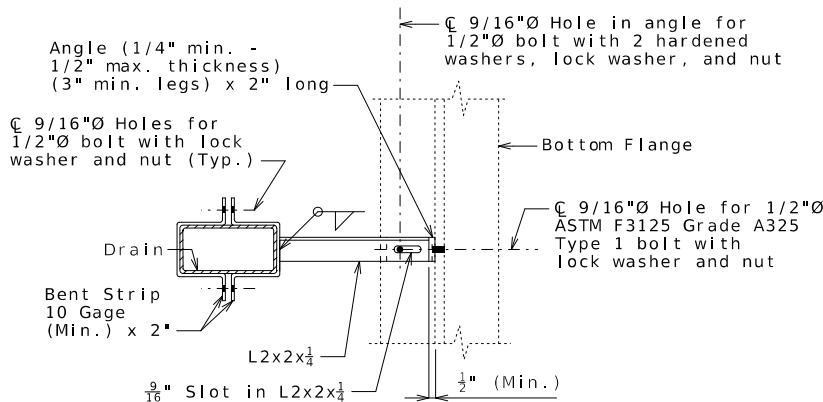
 105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)



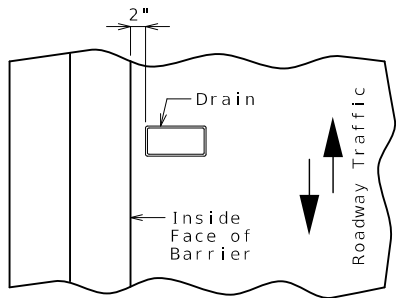
PLAN OF SLAB SHOWING SLAB DRAIN LOCATIONS



PART SECTION NEAR DRAIN

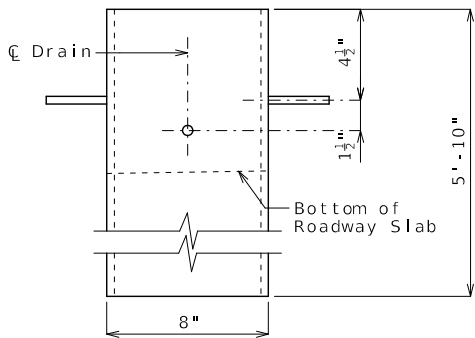


PART SECTION SHOWING BRACKET ASSEMBLY

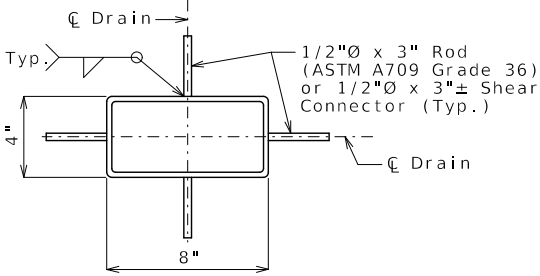


PART PLAN OF SLAB AT DRAIN

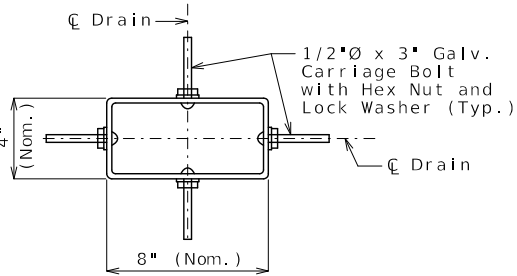
SLAB DRAINS



ELEVATION OF DRAIN



PLAN OF STEEL DRAIN OPTION



PLAN OF FRP DRAIN OPTION

General Notes:

Contractor shall have the option to construct either steel or FRP slab drains. All drains shall be of same type.

Slab drain bracket assembly shall be ASTM A709 Grade 36 steel.

Locate drains in slab by dimensions shown in Part Section Near Drain.

Reinforcing steel shall be shifted to clear drains.

The bracket assembly shall be galvanized in accordance with ASTM A123.

All bolts, hardened washers, lock washers and nuts shall be galvanized in accordance with AASHTO M 232 (ASTM A153), Class C.

All 1/2-inch diameter bolts shall be ASTM A307, except as shown.

Shop drawings will not be required for the slab drains and the bracket assembly.

The bolt hole for the bracket assembly attachment shall be located on the plate girder shop drawings.

Notes for Steel Drain:

Slab drains may be fabricated of either 1/4-inch welded sheets of ASTM A709 Grade 36 steel or from 1/4-inch structural steel tubing ASTM A500 or A501.

Outside dimensions of drains are 8" x 4".

The drains shall be galvanized in accordance with ASTM A123.

Notes for FRP Drain:

Drains shall be machine filament-wound thermosetting resin tubing meeting the requirements of ASTM D2996 with the following exceptions:

Shape of drains shall be rectangular with outside nominal dimensions of 8" x 4".

Minimum reinforced wall thickness shall be 1/4 inch.

The resin used shall be ultraviolet (UV) resistant and/or have UV inhibitors mixed throughout. Drains may have an exterior coating for additional UV resistance.

The color of the slab drain shall be gray (Federal Standard #26373). The color shall be uniform throughout the resin and any coating used.

The combination of materials used in the manufacture of the drains shall be tested for UV resistance in accordance with ASTM D4329 Cycle A. The representative material shall withstand at least 500 hours of testing with only minor discoloration and without any physical deterioration. The contractor shall furnish the results of the required ultraviolet testing prior to acceptance of the slab drains.

At the contractor's option, drains may be field cut. The method of cutting FRP slab drain shall be as recommended by the manufacturer to ensure a smooth, chip free cut.

STATE OF MISSOURI
ALEC R. SCHLOTZ-AUER
NUMBER PE-202302704
PROFESSIONAL ENGINEER
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DATE PREPARED
10/30/2025

ROUTE
65 SB

DISTRICT
BR

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

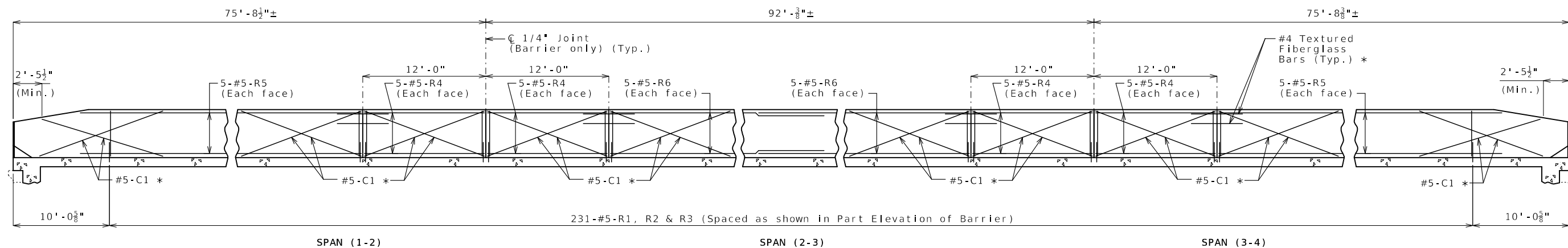
PROJECT NO.

BRIDGE NO.
A08082

DESCRIPTION

DATE

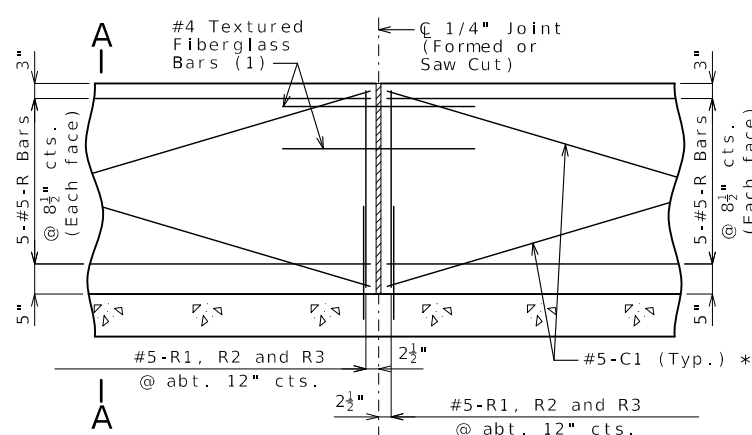
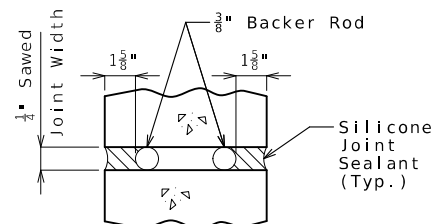
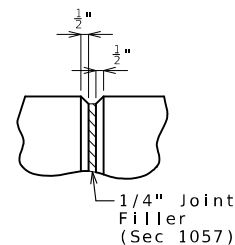
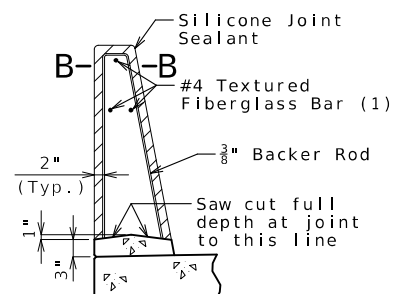
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ELEVATION OF BARRIER

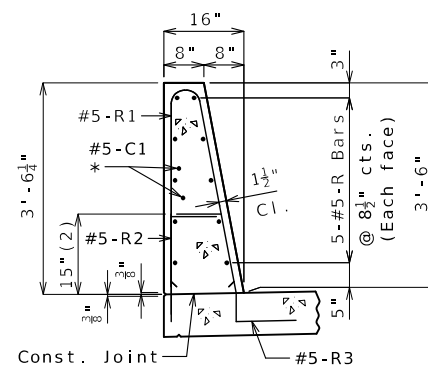
(Left barrier shown, right barrier similar)

Longitudinal dimensions are horizontal.



PART ELEVATION OF BARRIER

(1) Four feet long, centered on joint,
slip-formed option only

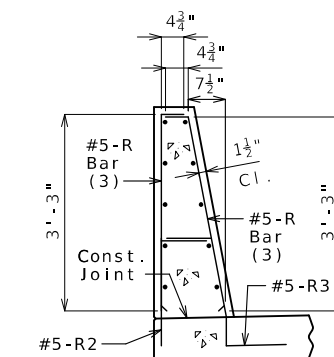


SECTION A-A

Use a minimum lap of 2'-6" for
#5 horizontal barrier bars.

The cross-sectional area above the slab is 3.52 square feet.

(2) To top of bar



R-BAR PERMISSIBLE ALTERNATE SHAPE

(3) The R1 bar may be separated into two bars as shown, at the contractor's option, only when slip forming is not used. (All dimensions are out to out.)

General Notes:

* Slip-formed option only.

Conventional forming or slip forming may be used. Saw cut joints may be used with conventional forming.

Top of barrier shall be built parallel to grade and barrier joints normal to grade.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the contract unit price for Type D Barrier per linear foot.

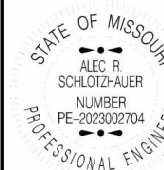
Concrete in barrier shall be Class B-1.

Measurement of barrier is to the nearest linear foot for each structure, measured along the outside top of slab from end of slab to end of slab.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Type D Barrier.

Joint sealant and backer rods shall be in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

For slip-formed option, both sides of barrier shall have a vertically broomed finish and the top shall have a transversely broomed finish.



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10/30/2025

ROUTE	STATE
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65	SB	MO
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	COUNTY
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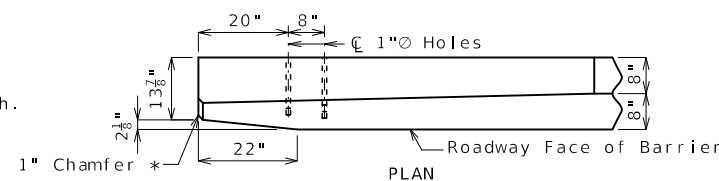
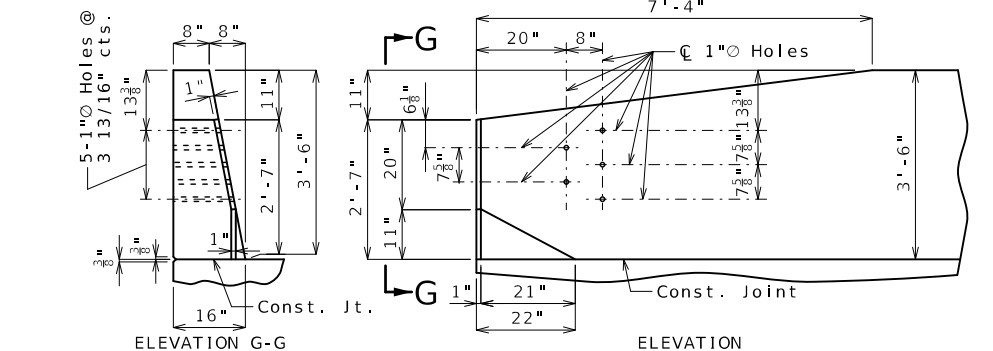
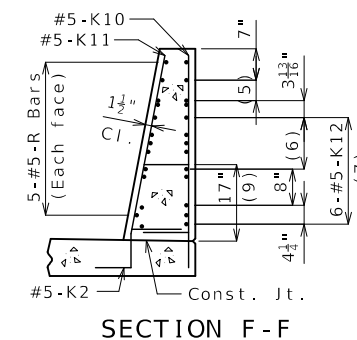
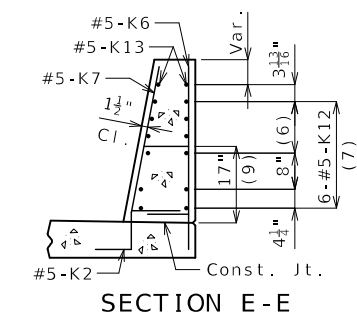
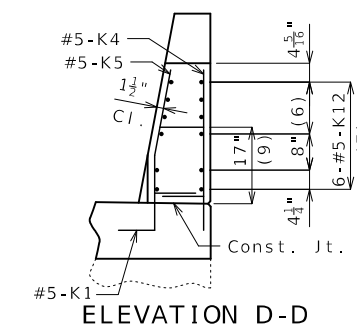
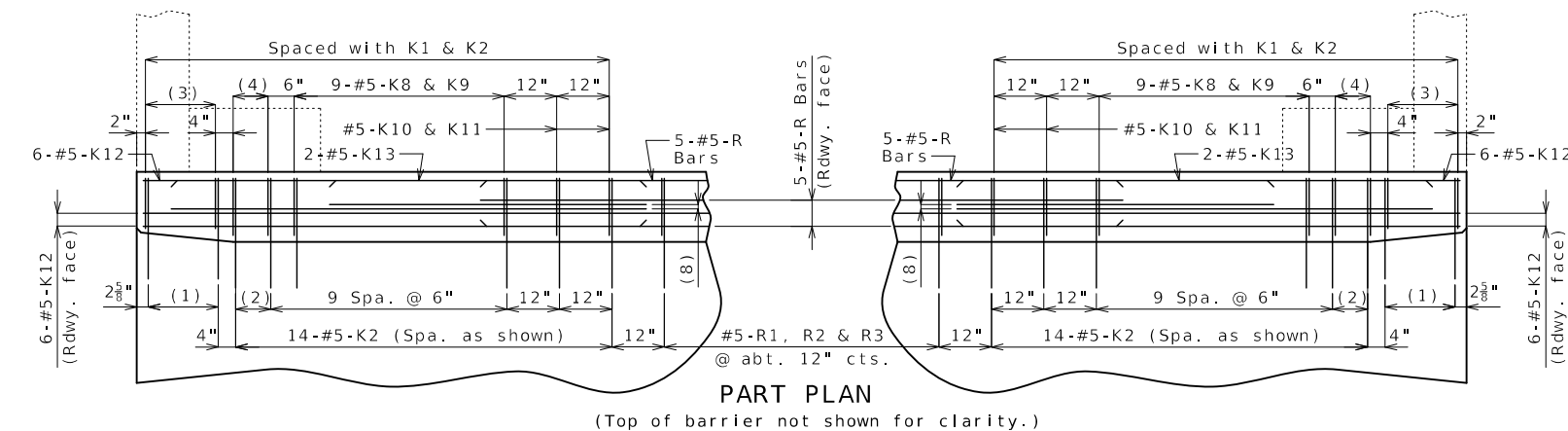
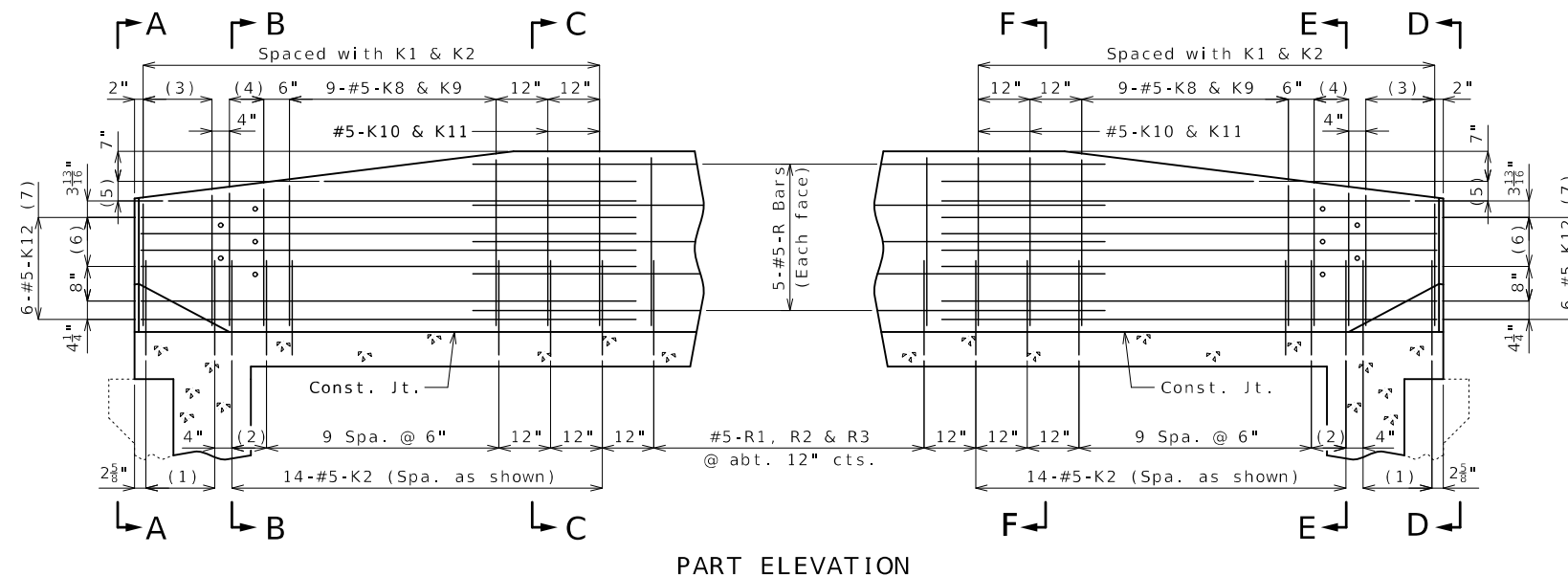
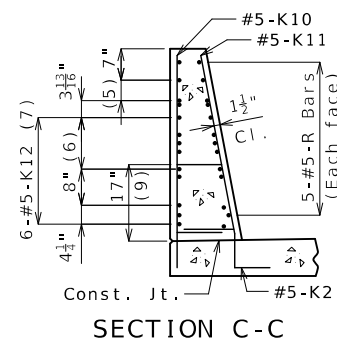
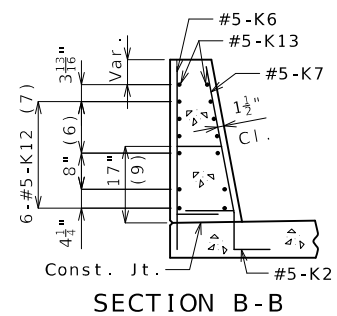
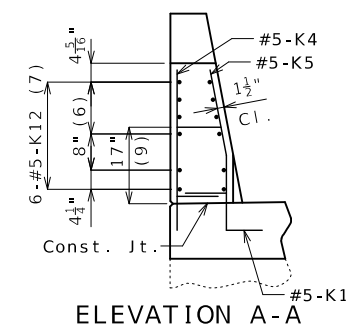
JOB NO.
125220

PROJECT N

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



- * Transition to zero at Type A curb for gutter lines to match.

DETAILS OF GUARD RAIL ATTACHMENT

- (1) 5-#5-K1 @ 4" cts.
- (2) 2 spaces @ 4"
- (3) 5-#5-K4 & K5
- (4) 3-#5-K6 & K7
- (5) 2-#5-K13 @ 4 $\frac{1}{2}$ " cts., each face
- (6) 3 spaces @ 3 $\frac{13}{16}$ "
- (7) Spaced as shown, each face
- (8) 2-#5-K13 (Roadway face)
- (9) To top of bar

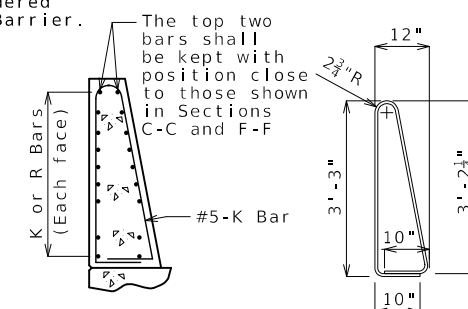
General Notes:

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Type D Barrier.

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1 1/2".

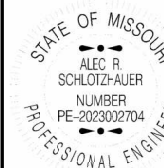
Use a minimum lap of 2'-6" between horizontal K bars and R bars.



K10-K11 BAR PERMISSIBLE ALTERNATE SHAPE

The K10-K11 bar combination may be furnished as one bar as shown, at the contractor's option.

All dimensions are out to out.



THIS SHEET HAS BEEN
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ELECTRONICALLY.

DATE PREPARED
10/30/2025

ROUTE 65 SB	STATE MO
DISTRICT BR	SHEET NO. 7

COUNTY	PETTIS
JOB NO.	J3P3206
CONTRACT ID.	

PROJECT NO.

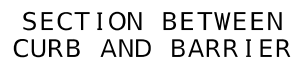
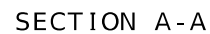
BRIDGE NO.
A08082

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

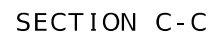
TYPE D BARRIER AT END BENTS

(Left barrier shown, right barrier similar)



Open cell foam joint seal width shall be 4" (Min.) and depth shall be determined by the manufacturer. Manufacturer recommended seal size shall meet the movement and installation gap requirements and skew effect.

The open cell foam joint seal shall be installed according to the manufacturer's recommendations.



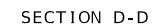
BRIDGE APPROACH SLAB (MAJOR)

Sheet No. 8 of 10

* Seal joint between vertical face of approach slab and wing with sealant in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

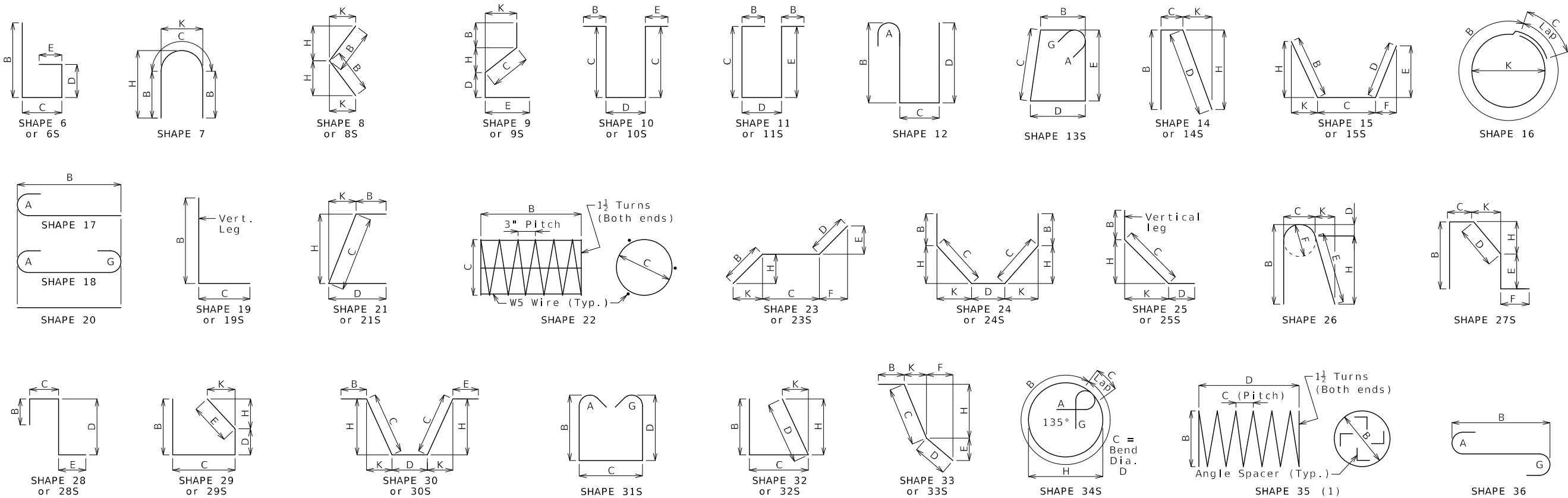


CONSTRUCTION JOINT DETAIL

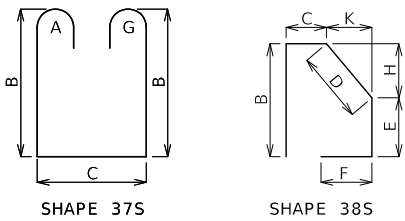


DETAILS OF TIMBER HEADER

Remove timber header when concrete pavement is placed.



Finished Bend Dimensions D and Hook Dimensions						
Standard Pin Bend Shapes						
Size	Case	D	A or G		J	
			90°	180°	180°	
#4	1	3"	8"	6"	4"	
#5	1	3 ³ / ₄ "	10"	7"	5"	
#6	1	4 ¹ / ₂ "	12"	8 ¹ / ₄ "	6"	
#7	2	5 ¹ / ₄ "	14"	9 ³ / ₄ "	7"	
	3	7"	15"	11 ¹ / ₂ "	8 ³ / ₄ "	
#8	2	6"	16"	11"	8"	
	3	8"	17"	13 ¹ / ₄ "	10"	
#9	1	9 ¹ / ₂ "	19 ¹ / ₂ "	15 ¹ / ₂ "	11 ³ / ₄ "	
#10	1	10 ³ / ₄ "	22"	17 ¹ / ₂ "	13 ¹ / ₄ "	
#11	1	12"	24 ¹ / ₂ "	19 ¹ / ₂ "	14 ⁷ / ₈ "	
#14	1	18 ¹ / ₄ "	31 ¹ / ₄ "	27 ¹ / ₂ "	21 ⁵ / ₈ "	
#18	1	24"	41 ¹ / ₂ "	36 ¹ / ₄ "	28 ¹ / ₂ "	
Stirrup Pin Bend Shapes (S)						
Size	Case	D	A or G		H	J
			90°	135°	180°	135°
#4	2	2"	4 ¹ / ₂ "	4 ¹ / ₂ "	5"	2 ⁷ / ₈ "
	3	3"	5"	5 ¹ / ₄ "	6"	3"
#5	2	2 ¹ / ₂ "	5 ³ / ₄ "	5 ³ / ₄ "	5 ³ / ₄ "	3 ³ / ₄ "
	3	3 ³ / ₄ "	6 ³ / ₄ "	6 ³ / ₄ "	7"	3 ⁵ / ₈ "
#6	1	4 ¹ / ₂ "	12"	7 ³ / ₄ "	8 ¹ / ₄ "	4 ⁵ / ₈ "
Applicable for all grades of steel.						
Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.						



BENDING DIAGRAMS

All dimensions are out to out. (1) Shall be a deformed or plain spiral bar or wire.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Reinforcing Steel Totals (Pounds)							
Size	Substructure		Superstructure			Entire Bridge	
	Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
W5	0	0	0	0	0	0	0
4	0	0	330	0	0	0	330
5	0	0	20,228	12,368	501	0	33,097
6	0	0	27,953	0	0	0	27,953
7	0	0	34,259	0	0	0	34,259
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
By Type	0	0	82,770	12,368	501	0	95,639

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

BENDING DIAGRAMS AND REINFORCING STEEL TOTALS

STATE OF MISSOURI
ALEC R. SCHLOTZ-AUER
NUMBER PE-2023002704
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
10/30/2025

ROUTE
65 SB

STATE
MO

DISTRICT
BR

SHEET NO.
9

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

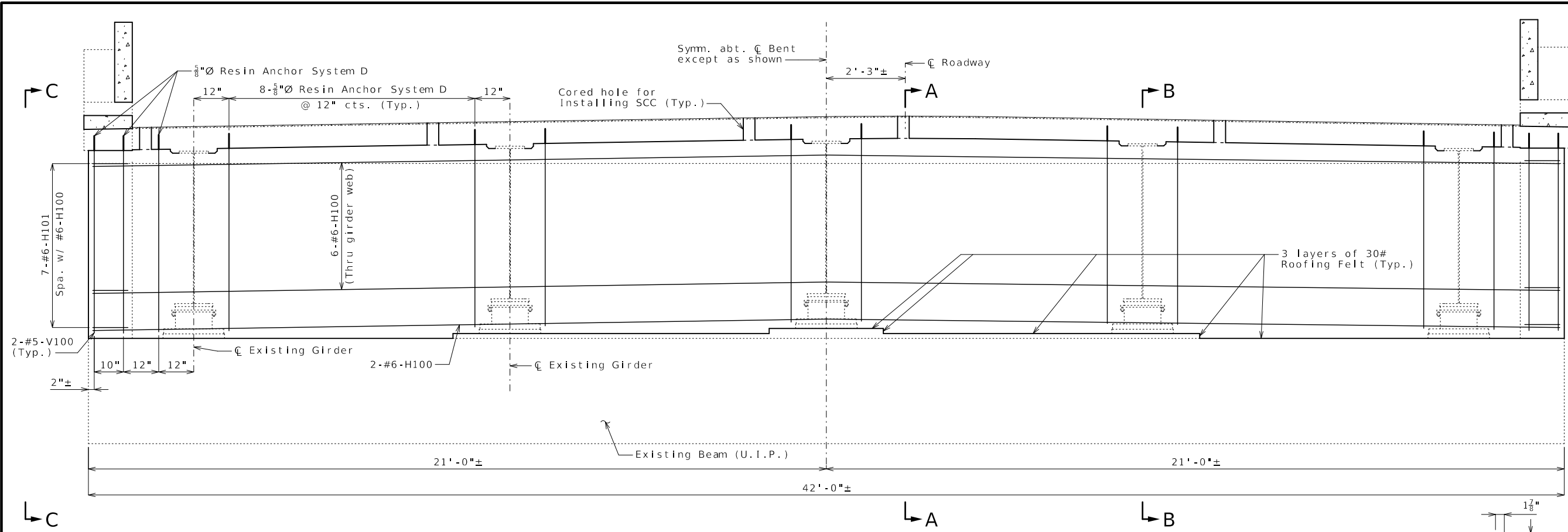
BRIDGE NO.
A08082

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



Notes:

The exposed and accessible surfaces of the existing structural steel and bearings that will be encased in concrete shall be cleaned with a minimum of SSPC-SP-3 surface preparation and coated with a minimum of one coat of gray epoxy-mastic primer (non-aluminum) in accordance with Sec 1081 to produce a dry film thickness of not less than 3 mils before concrete is poured. The surface preparation and coating for girders shall extend a minimum of one foot outside the face of the girder encasement. Payment for cleaning and coating steel to be encased in concrete will be considered completely covered by the contract unit price for Self Consolidating Concrete.

The H-100 bars are segmented for ease of placement through girder web holes. The total bar length for H-100 bars shown in Bill of Reinforcing Steel allows for one lap splice with a length of 3'-10". Actual bar segment lengths to be determined by contractor for ease of installing bars. The contractor may use a mechanical bar splice in lieu of a lap splice. When a mechanical bar splice is used, the actual bar segment length will be determined by the contractor to accommodate manufacturer's recommendations for installation and ease of construction. The cost of furnishing and installing the bar splices will be considered completely covered by the contract unit price for Reinforcing Steel (Epoxy Coated). No adjustment of the quantity of reinforcing steel will be allowed for the use of mechanical bar splices.

Cost of field drilling holes in existing plate girder webs will be considered completely covered by the contract unit price for Self Consolidating Concrete.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing Resin Anchor System D, complete in place, will be considered completely covered by the contract unit price for Self Consolidating Concrete.

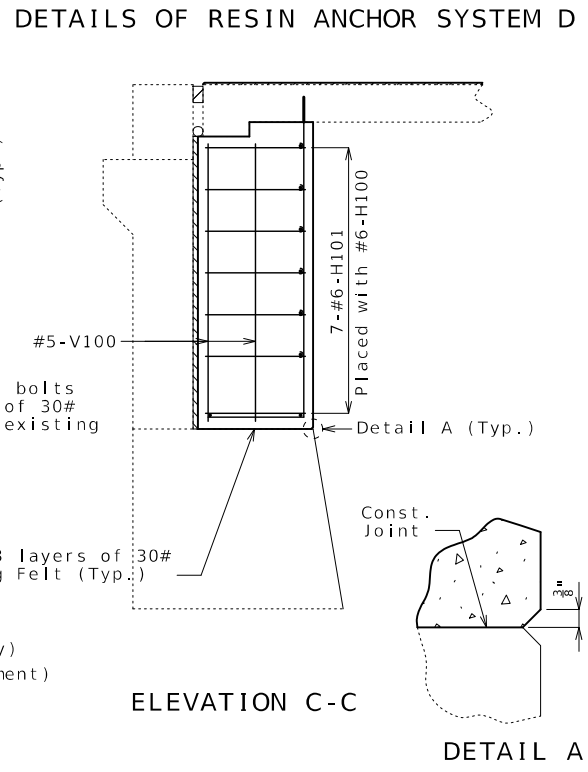
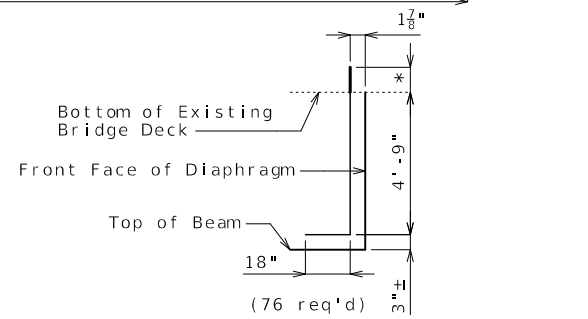
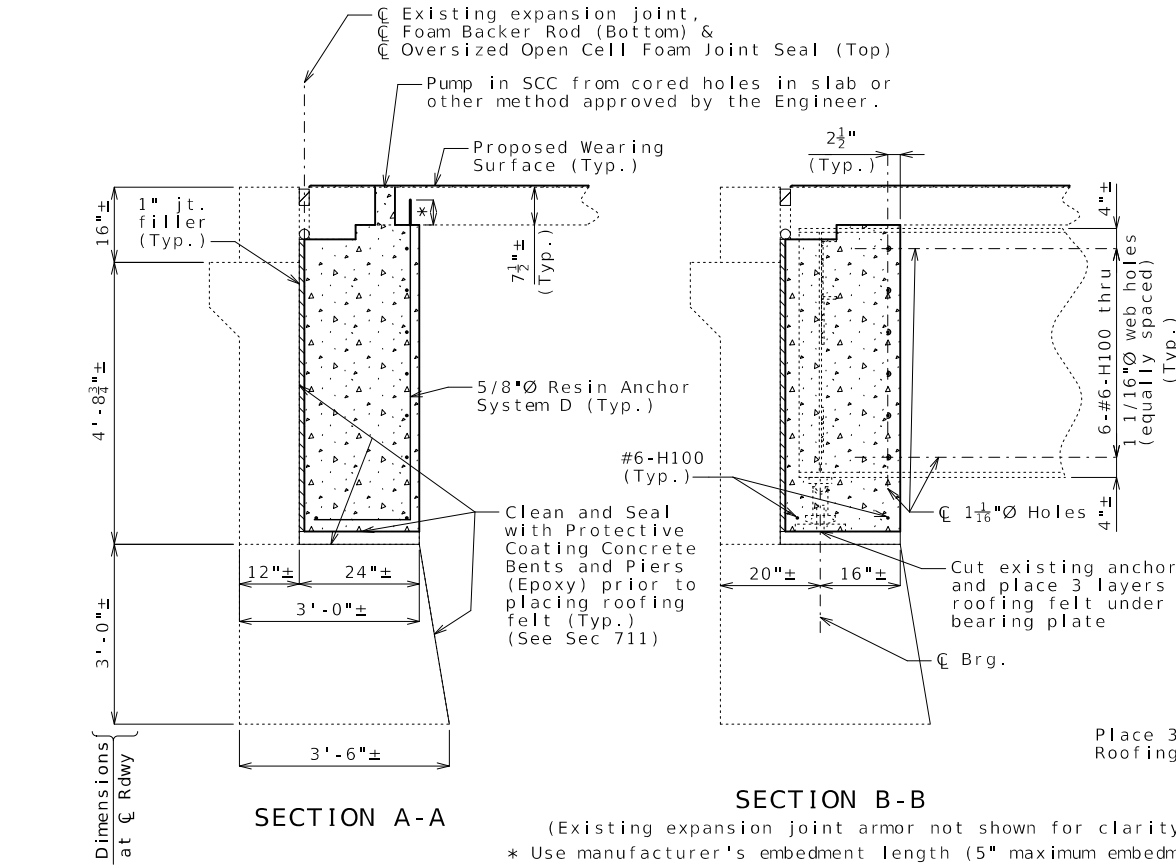
The minimum embedment depth in concrete with $f'_c = 4,000$ psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be more than 5".

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8" threaded rod.

The contractor shall exercise care to ensure the cored holes in slab avoid slab reinforcement.

The cost of cored holes in slab for installing SCC will be considered completely covered by the contract unit price for Self-Consolidating Concrete.

The required temporary support at each end bent shall be capable of safely supporting a service load of 50 Kips/girder (Factor of safety not included). This load includes the dead load and a construction load of 50 psf.



Detailed Apr. 2025
Checked July 2025

STATE OF MISSOURI
ALEC R. SCHLOTZ-AUER
NUMBER PE-202302704
PROFESSIONAL ENGINEER

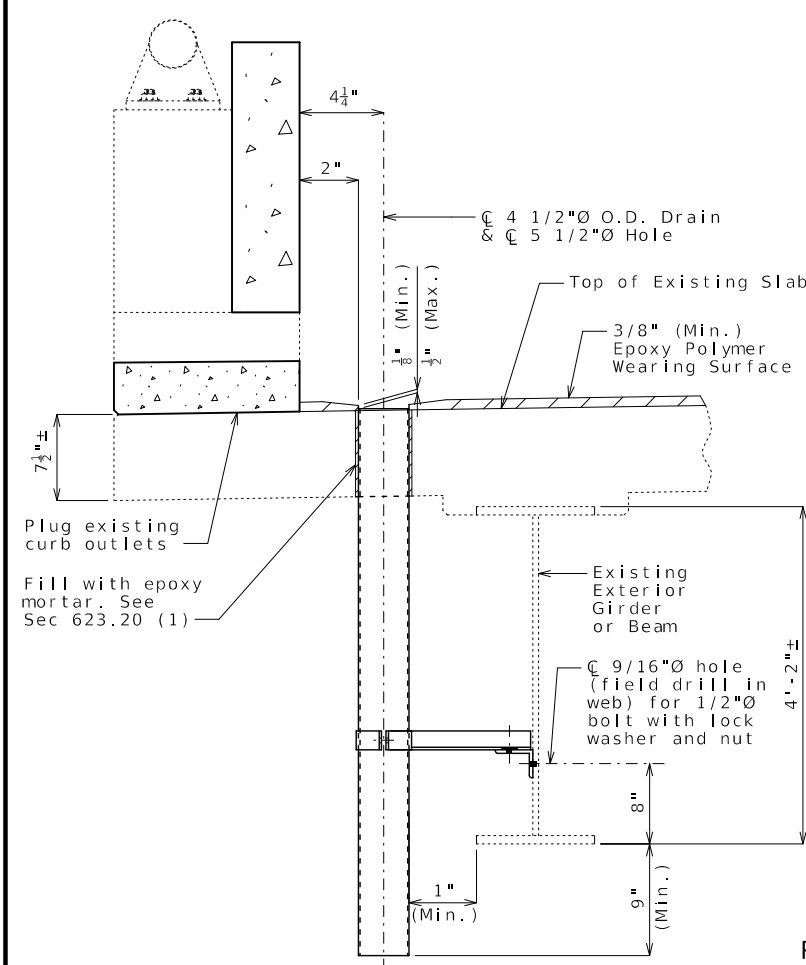
THIS SHEET HAS BEEN
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ELECTRONICALLY.

DATE PREPARED 10/30/2025	
ROUTE 65 NB	STATE MO
DISTRICT BR	SHEET NO. 2
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A30391	

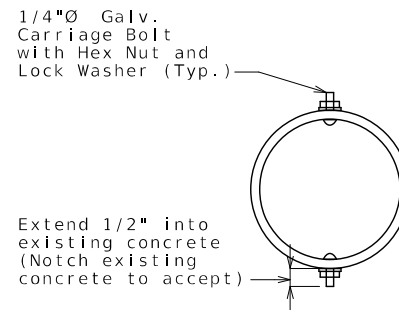
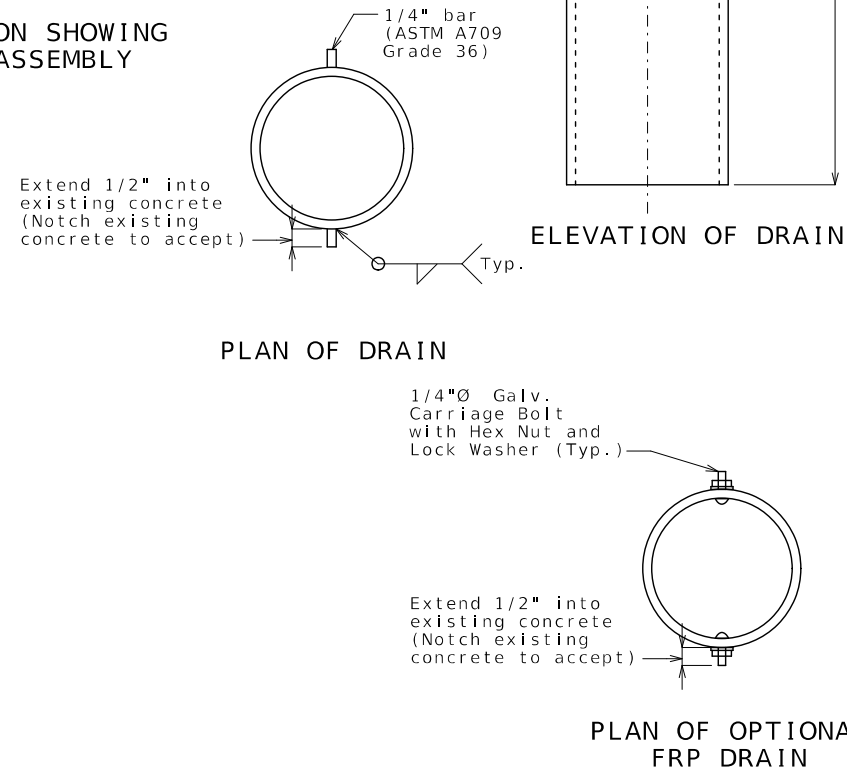
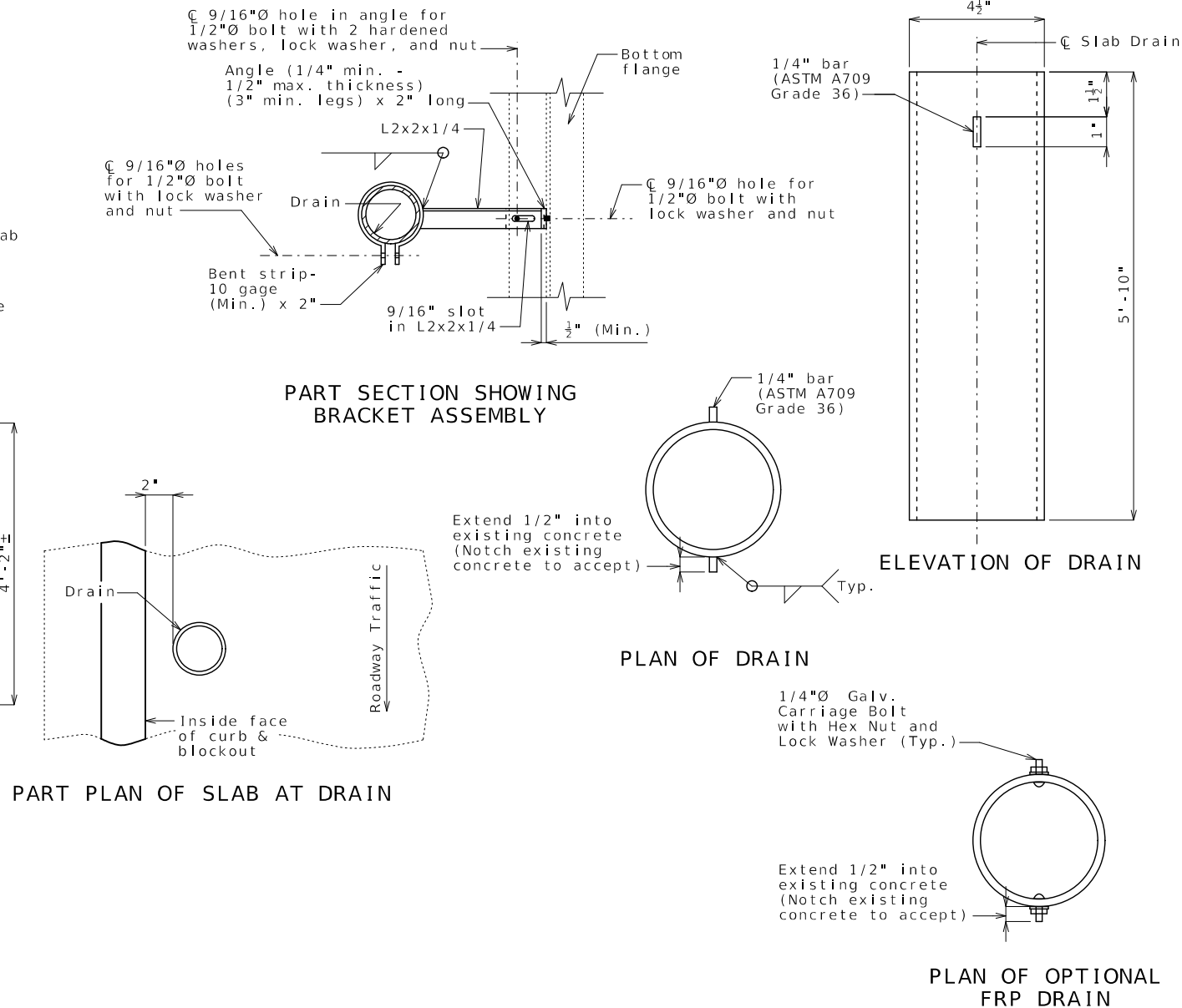
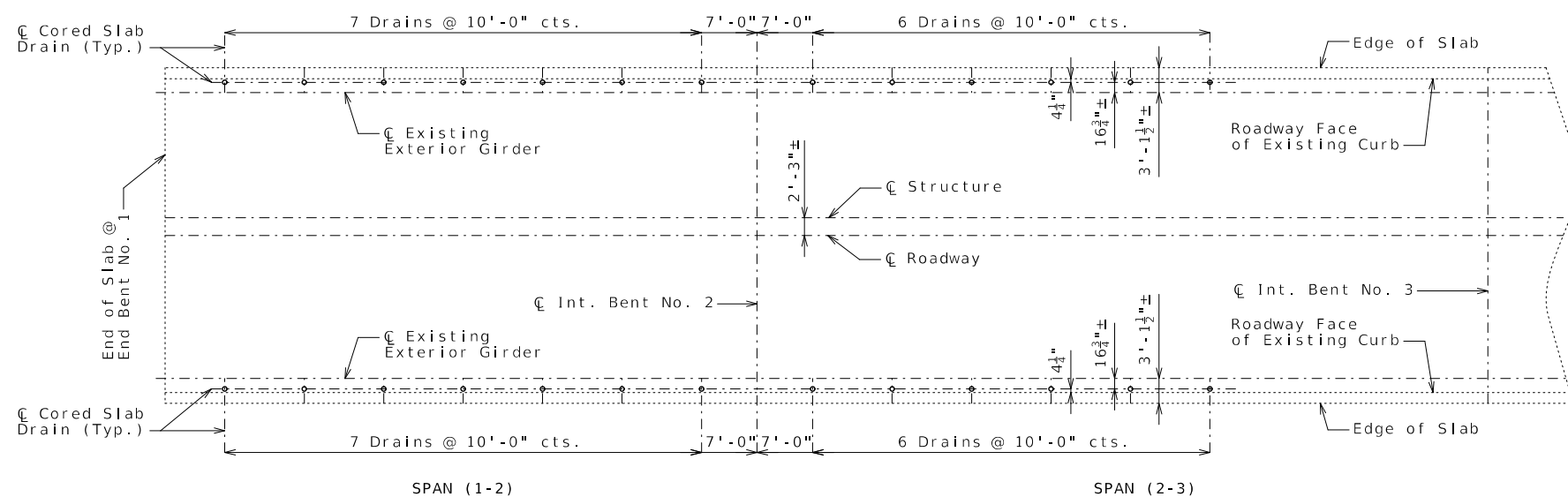
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



(1) Use backer rod around drain @ bottom of slab and epoxy inject from the top.



General Notes:

Contractor shall have the option to construct either steel or FRP slab drains. All drains shall be of same type.

Slab drain bracket assembly shall be ASTM A709 Grade 36 steel.

The bracket assembly shall be galvanized in accordance with ASTM A123.

All bolts, hardened washers, lock washers and nuts shall be galvanized in accordance with AASHTO M232 (ASTM A153), Class C.

All 1/2-inch diameter bolts shall be ASTM A307, except as noted.

Shop drawings will not be required for the slab drains and the bracket assembly.

Cost of cored slab drains, complete in place, will be considered completely covered by the contract unit price for Cored Slab Drain per each.

Holes for slab drains shall be cored.
Percussion drilling will not be permitted.

Slab drain locations may be shifted the minimum extent necessary to avoid slab reinforcement and to allow for field drilling bolt hole in web of existing beam for bracket assembly attachment.

Cored slab drains shall be placed vertically.

For details of plugging existing curb outlets, see Sheet No. 1.

Notes for Steel Drain:

Slab drains shall be fabricated from 1/4-inch structural steel tubing ASTM A500 or A501.

The drains shall be galvanized in accordance with ASTM A123.

Drains shall be inserted through slab such that damage to galvanized coating is minimized.

Notes for FRP Drain:

Drains shall be machine filament-wound thermosetting resin tubing meeting the requirements of ASTM D2996 with the following exceptions:

Minimum reinforced wall thickness shall be 1/4 inch.

The resin used shall be ultraviolet (UV) resistant and/or have UV inhibitors mixed throughout. Drains may have an exterior coating for additional UV resistance. Care shall be taken to avoid damage to exterior coating during installation.

The color of the slab drain shall be gray (Federal Standard #26373). The color shall be uniform throughout the resin and any coating used.

The combination of materials used in the manufacture of the drains shall be tested for ultraviolet light resistance with ASTM D4329 Cycle A. The representative material shall withstand at least 500 hours of testing with only minor discoloration and without any physical deterioration. The contractor shall furnish the results of the required ultraviolet testing prior to acceptance of the slab drains.

At the contractor's option, drains may be field cut. The method of cutting FRP slab drains shall be as recommended by the manufacturer to ensure a smooth, chip-free cut.



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DATE PREPARED
10/30/2025

ROUTE 65 NB	STATE MO
DISTRICT BR	SHEET NO. 3

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.
PROJECT NO.

PROJECT NO.
BRIDGE NO.

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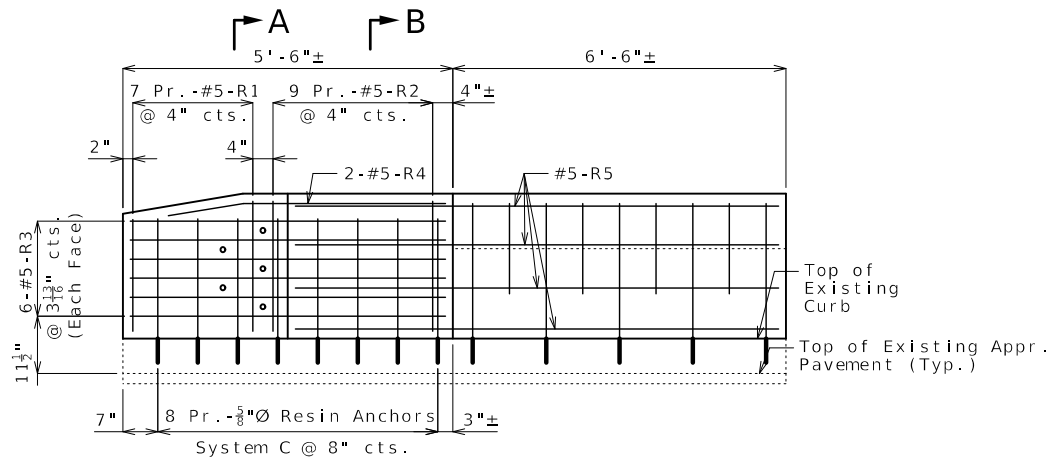
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

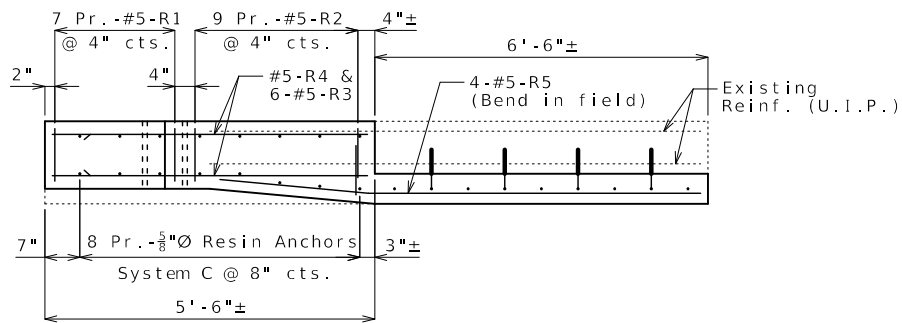


103 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



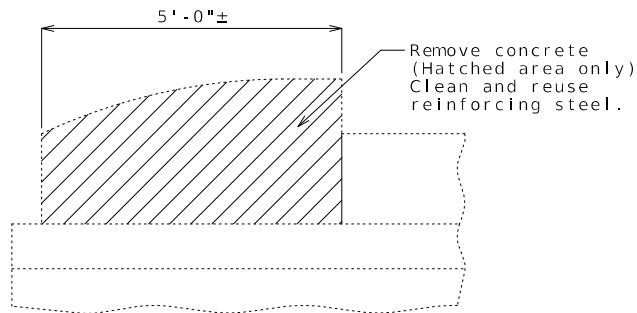
ELEVATION SHOWING REINFORCEMENT

(Right End Post at End Bent No. 1 similar)



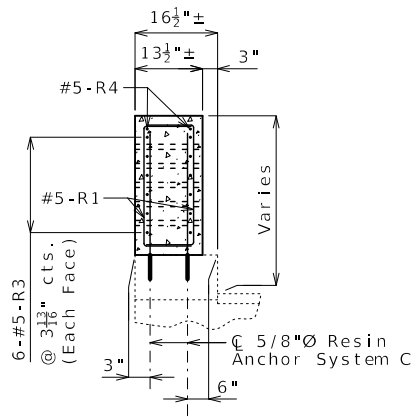
PLAN SHOWING REINFORCEMENT

LEFT END POST AT END BENT NO. 1

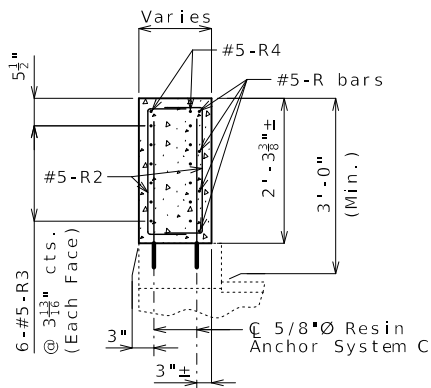


PART ELEVATION SHOWING END POST
CONCRETE REMOVAL

Cost of removing existing end posts will be considered completely covered by the contract unit price for Curb Blockout.



SECTION A-A



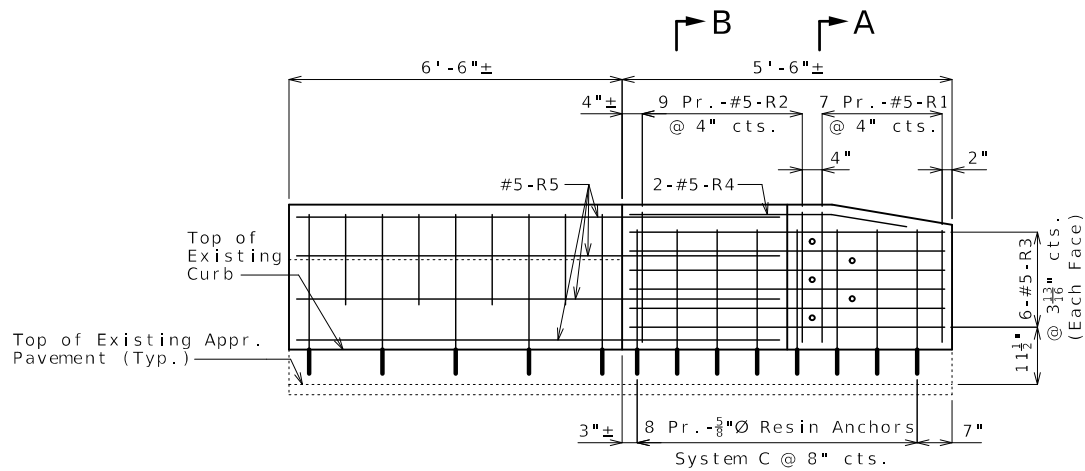
SECTION B-B

Notes:

Work this sheet with Sheet No. 4.

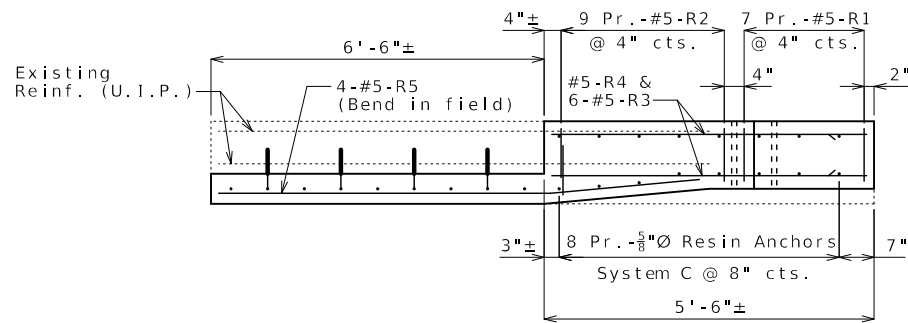
For details of resin anchors, see Sheet No. 4.

Resin anchors shall be shifted or bent in field to clear one-inch diameter holes by at least 1/2 inch.



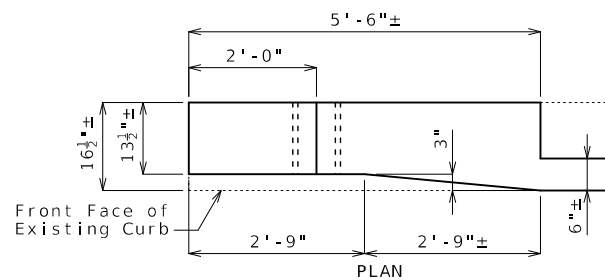
ELEVATION SHOWING REINFORCEMENT

(Right End Post at End Bent No. 4 similar)

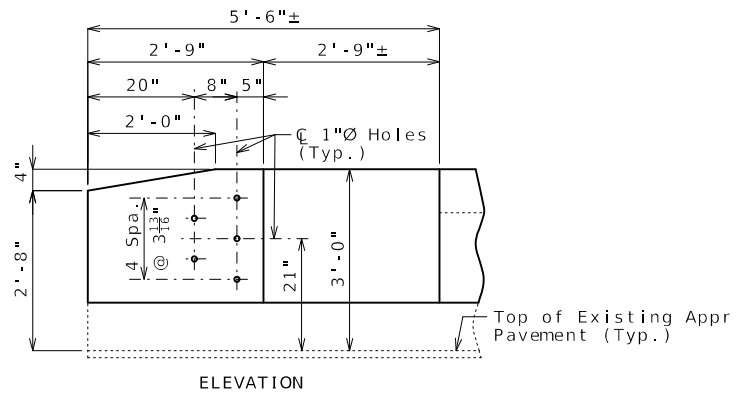


PLAN SHOWING REINFORCEMENT

LEFT END POST AT END BENT NO. 4

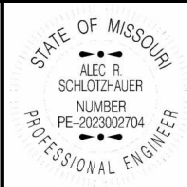


PLAN



ELEVATION

DETAILS OF END POST AND
GUARD RAIL ATTACHMENT



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DATE PREPARED

10/30/2025

ROUTE STATE

65 NB MO

DISTRICT SHEET NO.

BR 5

COUNTY

PETTIS

JOB NO.

J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

A30391

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MODOT

