

DESIGN DESIGNATION
A.A.D.T. - 2026 = 4829 (NB), 4838 (SB)
A.A.D.T. - 2046 = 5892 (NB), 5904 (SB)
D.H.V. = 12%
T = 14.40%
V = 65 M.P.H.
D = 50%
FUNCTIONAL CLASSIFICATION- EXPRESSWAY

NO R/W REQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
PETTIS COUNTY
SECTION 28/33, TOWNSHIP 47N, RANGE 33W

KEY MAP
LOCATION OF PETTIS COUNTY

BEGIN PROJECT US 65
STA. 458+25.00

END PROJECT US 65
STA. 510+20.24

BRIDGE A0808 REDECK AND A3039 REHABILITATION,
TEMPORARY CROSSTOPS, OPTIONAL PAVEMENT,
GUARDRAIL, DRAINAGE, EROSION CONTROL
TRAFFIC CONTROL AND STRIPING

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.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
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

STATE OF MISSOURI
JACLYN A. WHITE
NUMBER
PE-2003001116
PROFESSIONAL ENGINEER
10/27/2025 12:56:29 PM
JACLYN A. WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED
10/27/2025

ROUTE
65

STATE
MO

DISTRICT
KC

SHEET NO.
1

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

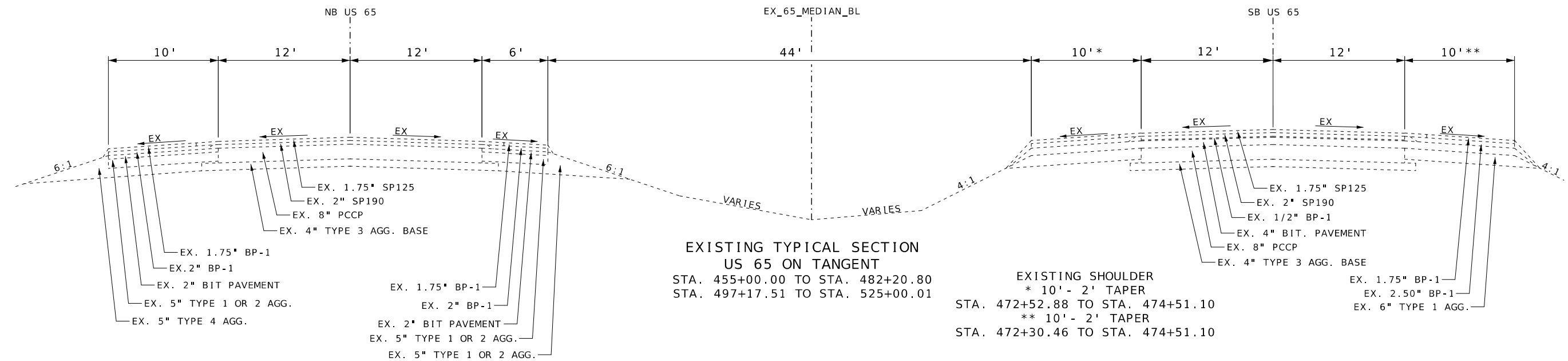
BRIDGE NO.

DESCRIPTION	DATE

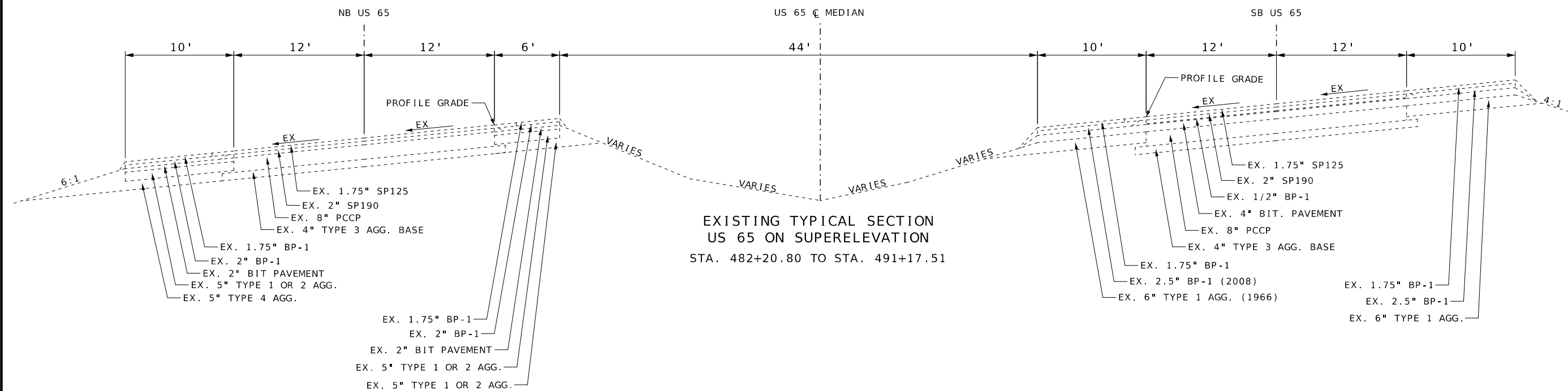
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

LENGTH OF PROJECT

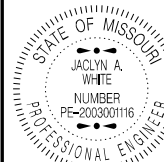
BEGINNING OF PROJECT	STA. 458+25.00
END OF PROJECT	STA. 510+20.24
APPARENT LENGTH	5195.24 FEET
EQUATIONS AND EXCEPTIONS:	
TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	5195.24 FEET
STATE LENGTH	0.984 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	2.7 ACRES



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)

2.00"

50'

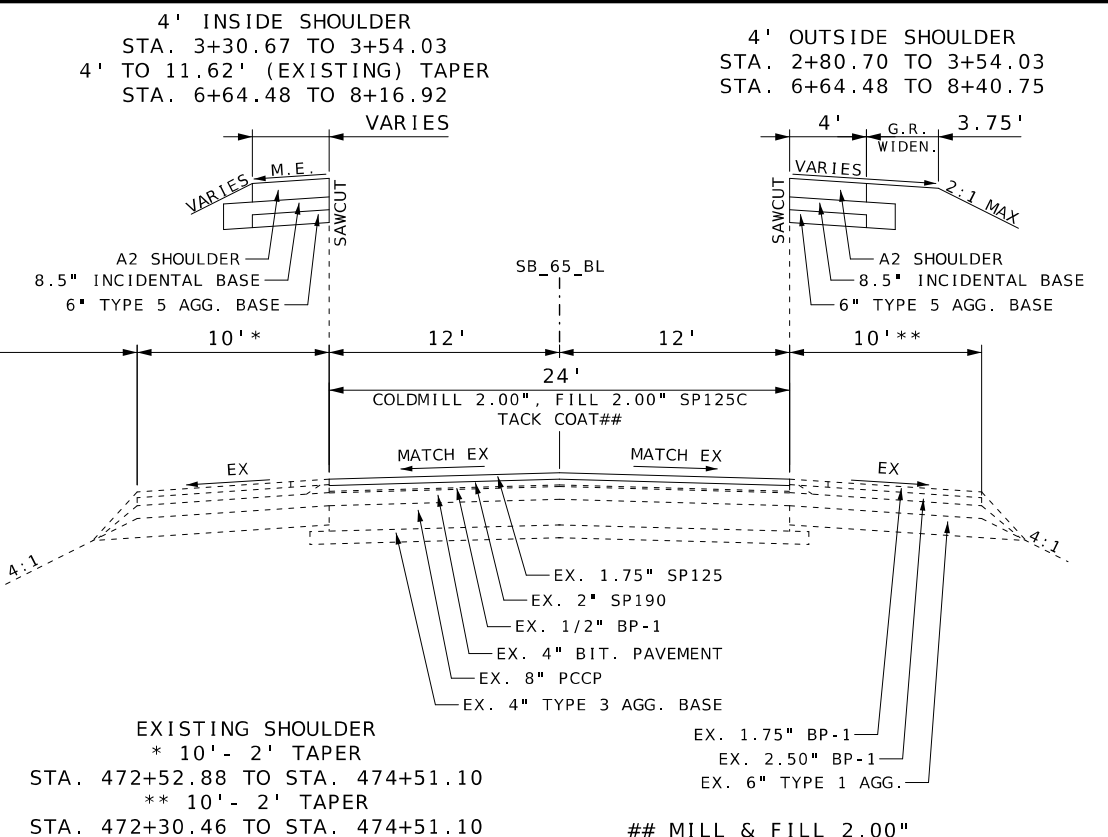
MODIFIED COLDMILLING

3/8" EPO

EX. BRIDGE DECK

EX. ASPHALT PAVEMENT

TRAVELWAY DEPTH TRANSITION
AT BR A3039 (NB US 65)
EPO - EPOXY POLYMER



MILL & FILL 2.00"
CROSS SLOPE CORRECTION
SEE X-SECTIONS FOR ADD. INFO
STA. 3+30.67 TO 3+54.03
STA. 6+64.48 TO 6+89.48

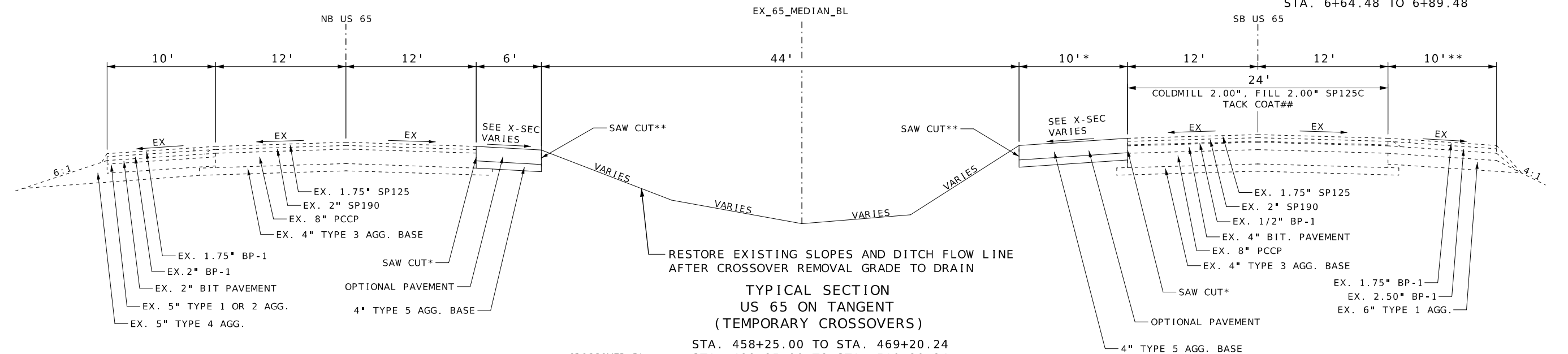


Diagram illustrating the cross-section of a 40-foot wide stationing cross-section. The diagram shows a horizontal line representing the road width, divided into segments: 4' (left shoulder), 7' (left lane), 7' (right lane), and 4' (right shoulder). A vertical dashed line indicates the Crossover_BL (Centerline). Below the road, a cross-section of the pavement is shown, including an S.E. (Subgrade) layer and an OPTIONAL PAVEMENT layer consisting of 4" TYPE 5 AGG. BASE. The side slopes are indicated as 4:1.

65_TEMP_CO_BL

10'

10'

2.0%

2.0%

6:1

6:1

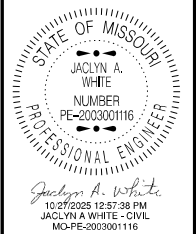
9" TYPE 1 AGG. BASE

PROPOSED 65 TEMP MEDIAN
CROSSOVER (AT JOHN ROAD)
STA. 0+09.20 TO STA. 0+53.25

* SAW CUT AT EXISTING EOP
FOR TEMPORARY CROSSOVER PAVEMENT
** SAW CUT AT EOS FOR TEMPORARY CROSSOVER
REMOVAL POST CONSTRUCTION

<u>8.0" HMA</u>	<u>7.5" JPCP</u>
2" BP-1 W/ PG 64-22	15 FT. JOINTS
OVER 6" BITBASE W/ PG 64-22	AND 1 1/4" DOWELS

US 65
TYPICAL SECTIONS
SHEET 2 OF 2



DATE PREPARED	
10/27/2025	
ROUTE	STATE
65	MO
DISTRICT	SHEET NO.
KC	2
COUNTY	
PETTIS	
JOB NO.	
J3P3206	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

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	

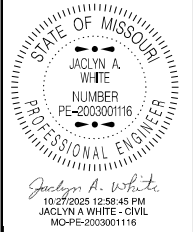
NOTES: SIGNS SHALL BE RELOCATED TO PREVIOUS LOCATION POST CONSTRUCTION

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)

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	**	

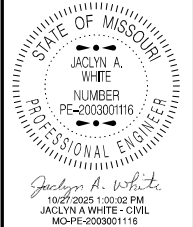
NOTE: SEE PLAN, EROSION CONTROL, AND CULVERT SECTION SHEETS FOR ADDITIONAL INFORMATION
** SEE ROCK BLANKET QTY TABLE FOR PAY TOTALS

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 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

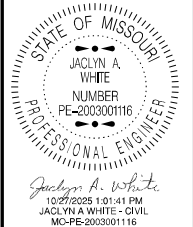
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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	2815.8	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.	

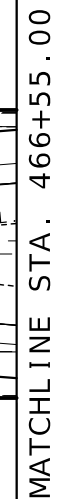
PROJECT NO.
BRIDGE NO.

DESCRIPTION								
DATE								

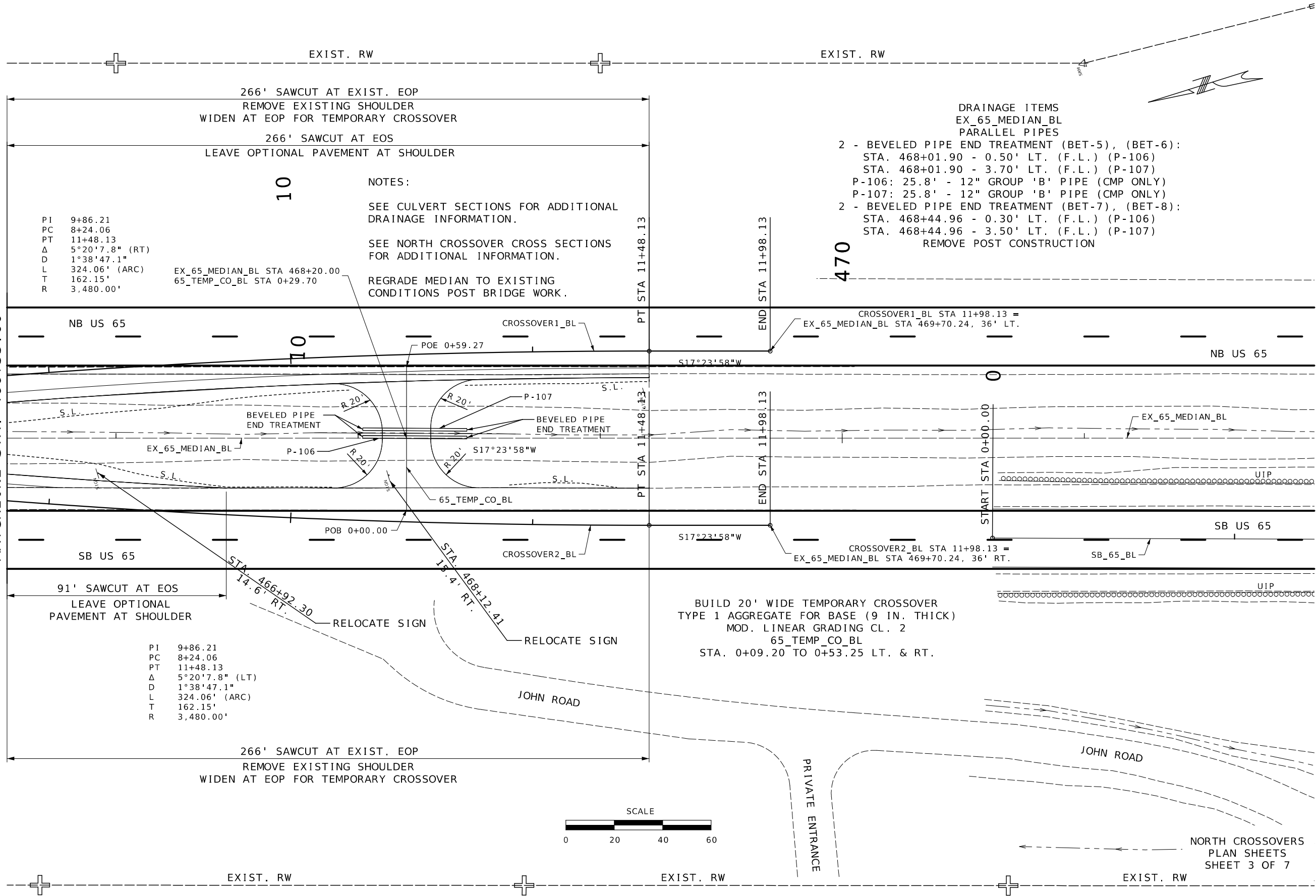
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN SIZE AREA QTY TOTAL AREA RELOC TOTAL RELOC SIGN								SIGN SIZE AREA QTY TOTAL RELOC TOTAL RELOC SIGN								ITEM TOTAL		EFFECTIVE: 07-01-2025	
IN.	QY	NO.	DESCRIPTION	IN.	QY	NO.	DESCRIPTION	NUMBER	QTY	DESCRIPTION	NUMBER	QTY	DESCRIPTION	NUMBER	QTY	DESCRIPTION	NUMBER	QTY	
WARNING SIGNS								GUIDE SIGNS								6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1L 48X48 16.00								E05-1 36X48 12.00								6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-1R 48X48 16.00								E05-2 48X36 12.00								6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2L 48X48 16.00								E05-2a 48X36 12.00								6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-2R 48X48 16.00								GO20-1 60X24 10.00								6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3L 48X48 16.00								GO20-2 48X24 8.00								6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-3R 48X48 16.00								GO20-4 36X18 4.50								6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4L 48X48 16.00 2 32.00 15								GO20-4a 42X30 8.75								6122020		REPLACEMENT SAND BARREL	
WO1-4R 48X48 16.00 2 32.00 15								GO20-4a 18X12 1.50								6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bL 48X48 16.00								GO20-5aP 36X24 6.00 14 84.00								6122040		WORK ZONE CRASH CUSHION (NARROW)	
WO1-4bR 48X48 16.00								MO4-8a 24X18 3.00								6122041		WORK ZONE CRASH CUSHION (RELOCATION)	
WO1-4cL 48X48 16.00								MO4-9L 48X36 12.00								6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-4cR 48X48 16.00								MO4-9R 48X36 12.00								6161012		BUOYS (BOATS KEEP OUT)	
WO1-6 60X30 12.50 4 50.00 16								MO4-9P 48X12 4.00								6161013		BUOYS (NO WAKE)	
WO1-6a 72X36 18.00								MO4-10L 48X18 6.00								6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-7 60X30 12.50								MO4-10R 48X18 6.00								6161020		CHANNELIZER (DRUM-LIKE)	
WO1-7a 72X36 18.00								REGULATORY SIGNS								6161022		CHANNELIZER (CONE)	
WO1-8 18X24 3.00								R1-1 48X48 13.25 5 66.25								6161025		CHANNELIZER (TRIM-LINE)	
WO1-8a 30X36 7.50								R1-2 48TR1. 6.93								6161026		CHANNELIZER (VERTICAL PANEL)	
WO3-1 48X48 16.00								R1-2a 36X36 9.00								6161030		TYPE 3 MOVEABLE BARRICADE	
WO3-2 48X48 16.00								R1-3P 30X12 2.50								6161033		DIRECTION INDICATOR BARRICADE	
WO3-3 48X48 16.00								R2-1 36X48 12.00 12 144.00								6161040		FLASHING ARROW PANEL	
WO3-4 48X48 16.00								R3-1 48X48 16.00								6161047		TYPE 3 OBJECT MARKER	
WO3-5 48X48 16.00								R3-2 48X48 16.00								6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO4-1L 48X48 16.00								R3-3 36X36 9.00								6161070		TUBULAR MARKER	
WO4-1R 48X48 16.00								R3-4 48X48 16.00								6161095		RADAR SPEED ADVISORY SYSTEM	
WO4-1aL 48X48 16.00 1 16.00 6A								R3-7L 30X30 6.25								6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO4-1aR 48X48 16.00 1 16.00 6A								R3-7R 30X30 6.25								6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-1 48X48 16.00								R4-1 36X48 12.00 6 72.00								6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-3 48X48 16.00								R4-2 36X48 12.00								6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO5-5 48X48 16.00 2 32.00 34								R4-7a 36X48 12.00								6162002		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-1 48X48 16.00								R4-8a 36X48 12.00								6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED	
WO6-2 48X48 16.00								R5-1 30X30 6.25 2 12.50								6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED	
WO6-3 48X48 16.00 4 64.00 31								R5-1a 36X24 6.00								6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO7-3a 30X24 5.00 2 10.00 44A								R6-1L 54X18 6.75								6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-1 48X48 16.00								R6-1R 54X18 6.75 4 27.00								6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-2 48X48 16.00								R6-2L 24X30 5.00								6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED	
WO8-3 48X48 16.00								R6-2R 24X30 5.00								6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS	
WO8-4 48X48 16.00								R9-9 24X12 2.00								6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT	
WO8-5 48X48 16.00								R9-11L 24X18 3.00								6208064A		TEMPORARY RAISED PAVEMENT MARKER	
WO8-6 48X48 16.00								R9-11R 24X18 3.00								9029400		TEMPORARY TRAFFIC SIGNALS	
WO8-6c 48X48 16.00								R10-6 24X36 6.00								9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-7 36X36 9.00								R11-2 48X30 10.00 3 30.00								6169903		TRAFFIC SEPARATOR CURB W/ DELINEATORS	
WO8-7a 36X36 9.00																			



MATCHLINE STA. 466+55.00



Jaclyn A. White
10/01/2025 2:55:21 PM
JACLYN A WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED
9/23/2025

ROUTE 65
DISTRICT KC
STATE MO
SHEET NO. 6

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

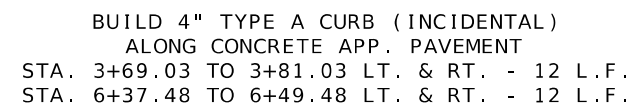
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MODOT

PLAN SHEETS
SHEET 3 OF 7



```

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 EAC
STA. 477+04.21 TO 477+41.71 LT. - 1 EAC

```

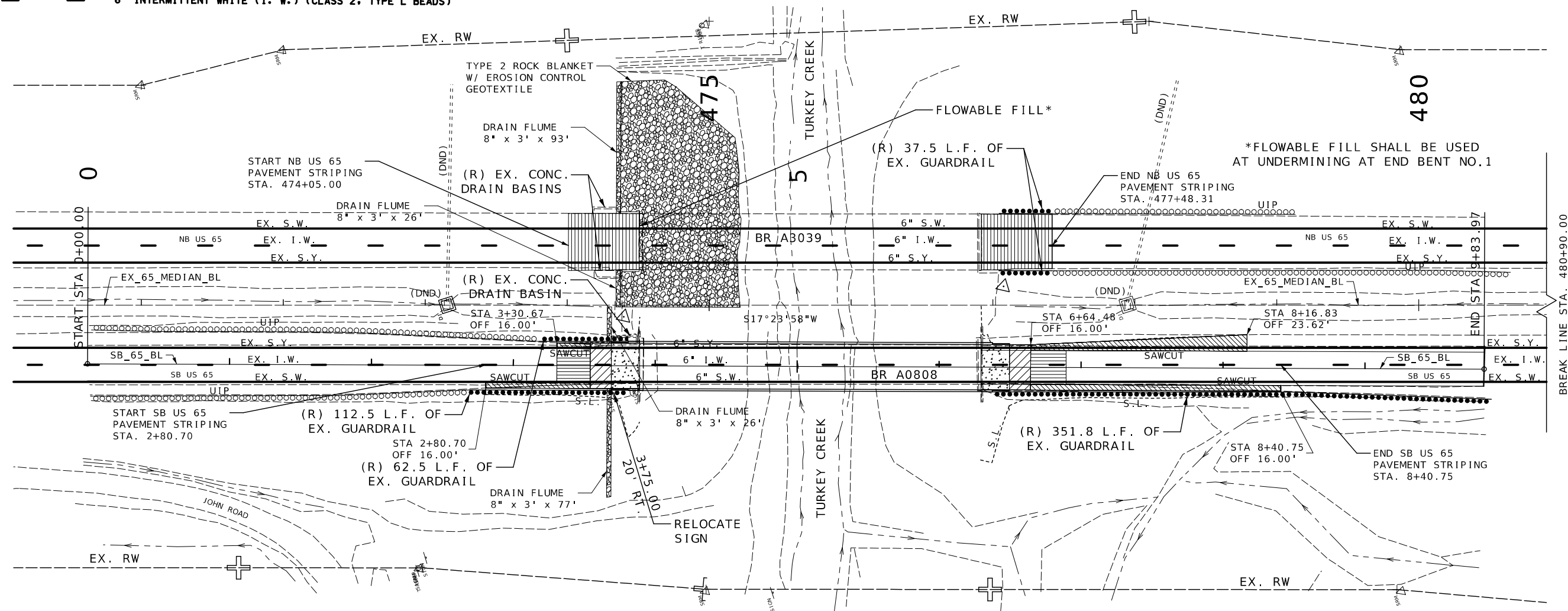
BUILD A2 SHOULDERS
(WIDENING)
SB_65_BL
STA. 2+80.70 TO 3+54.03 RT.
STA. 3+30.67 TO 3+54.03 LT.
STA. 6+64.48 TO 8+16.92 LT.
STA. 6+64.48 TO 8+40.75 RT.

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



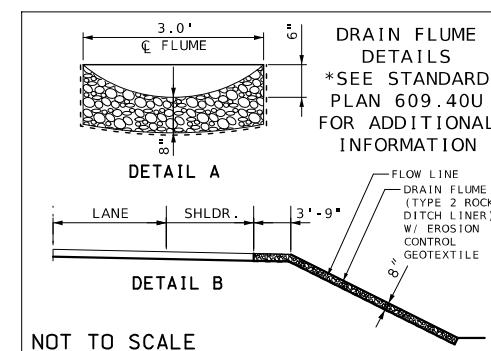
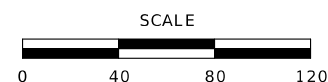
RUBBLIZED CONCRETE FROM THE EXISTING
BRIDGE DECK THAT QUALIFIES AS CLEAN
FILL MAY BE PLACED ON SPILL SLOPES AT
END BENTS ABOVE ORDINARY HIGH WATER LINE

The diagram shows a cross-section of a bridge deck with the following layers from top to bottom:

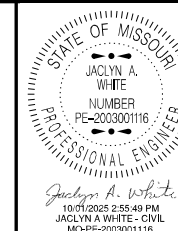
- BRIDGE APP. SLAB**: Represented by a stippled pattern.
- 2.00" MILL**: A thin layer below the bridge slab.
- 2.00" FILL**: A layer below the mill layer.
- (SEE X-SECTIONS)**: Text indicating further details are in other sections.
- CONCRETE APP. PAVEMENT**: Represented by a diagonal hatching pattern.
- A2 SHOULDER**: Represented by a diagonal hatching pattern, located to the right of the concrete pavement.



MODIFIED
COLDMILLING



PLAN SHEETS
SHEET 4 OF 7



DATE PREPARED
9/23/2025

ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 7

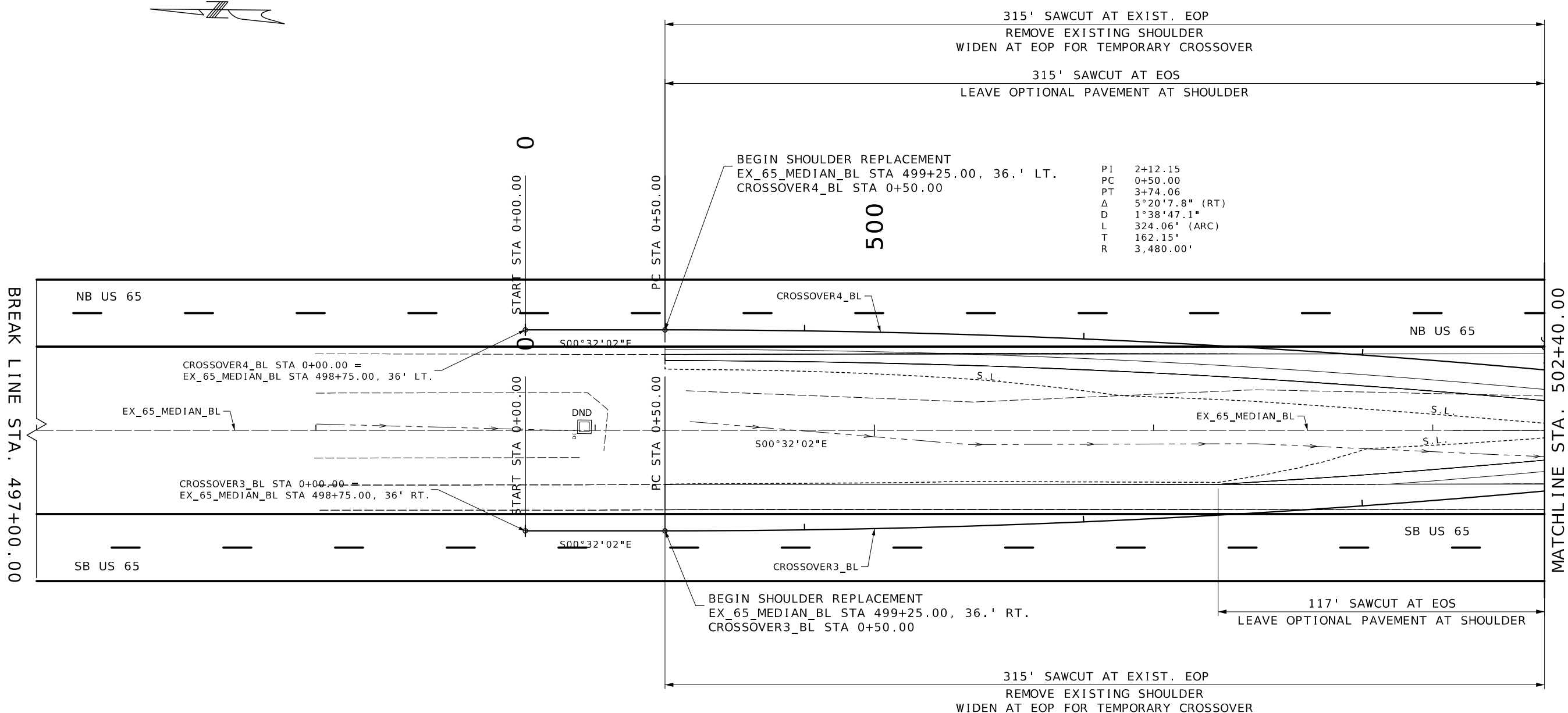
COUNTY
PETTIS
JOB NO.
J3P3206
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]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

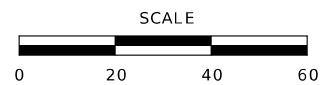
NOTES:

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.

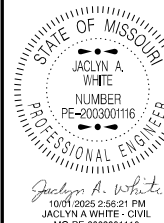
SEE NORTH CROSSOVER CROSS SECTIONS FOR ADDITIONAL INFORMATION.

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'



SOUTH CROSSOVERS
PLAN SHEETS
SHEET 5 OF 7

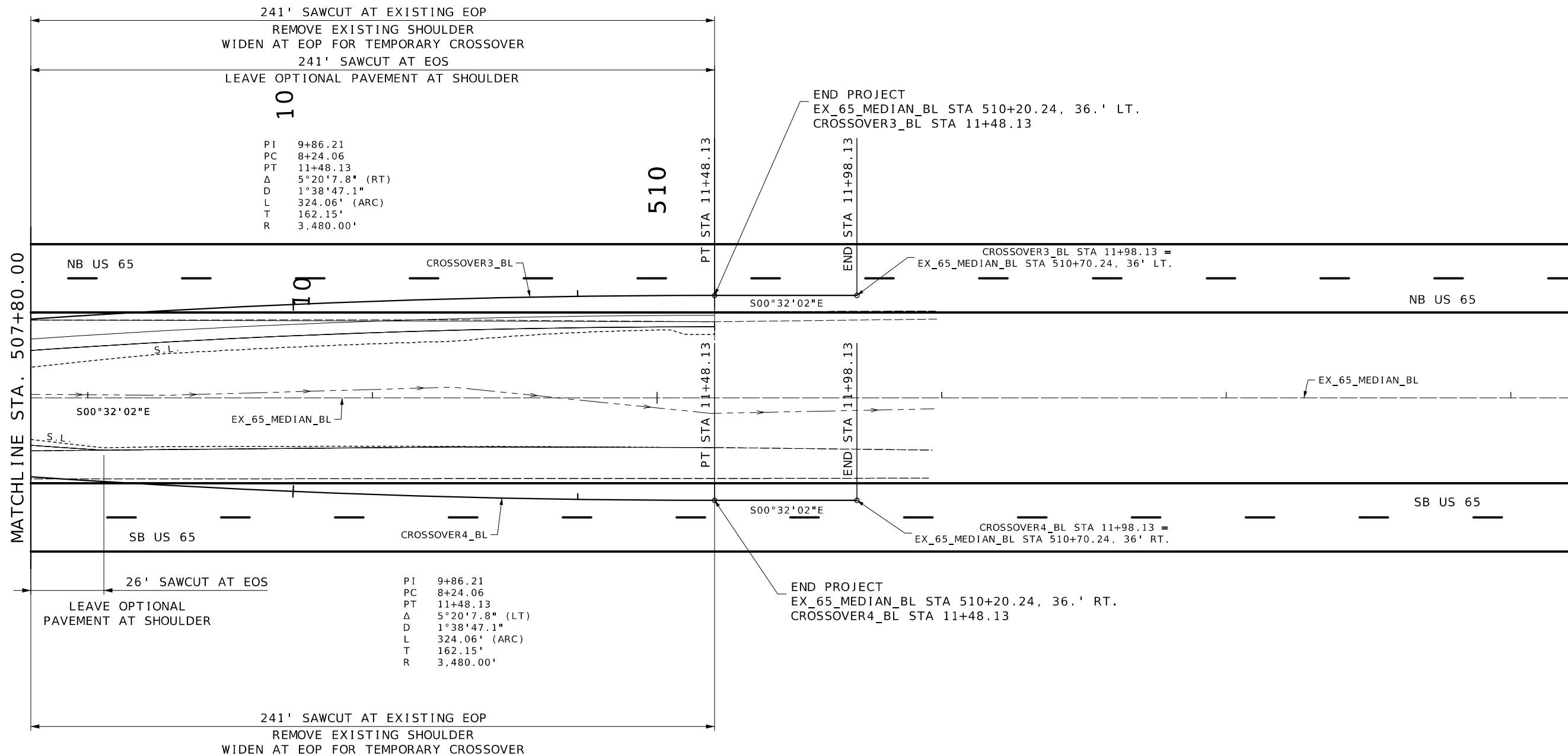
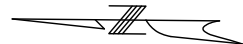


DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 8
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

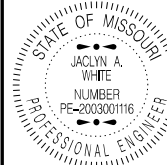
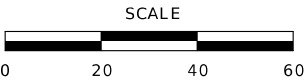
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



NOTES:

SEE NORTH CROSSOVER CROSS SECTIONS
FOR ADDITIONAL INFORMATION.

REGRADE MEDIAN TO EXISTING
CONDITIONS POST BRIDGE WORK.



DATE PREPARED
9/23/2025

ROUTE	STATE
65	MO
DISTRICT	SHEET NO.
KC	10

COUNTY
PETTIS
JOB NO.
J3P3206
CONTRACT ID.

PROJECT NO.

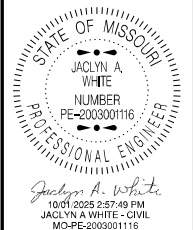
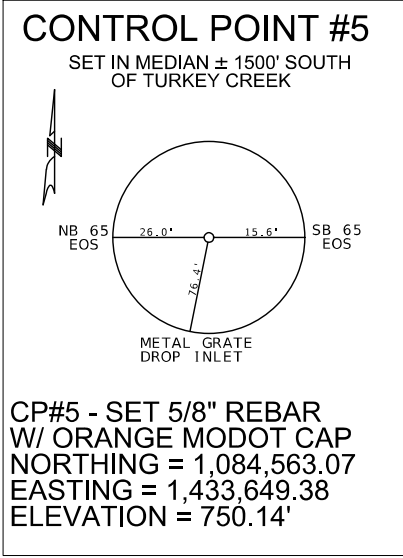
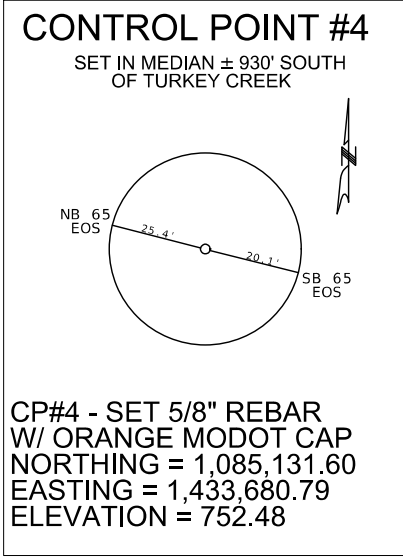
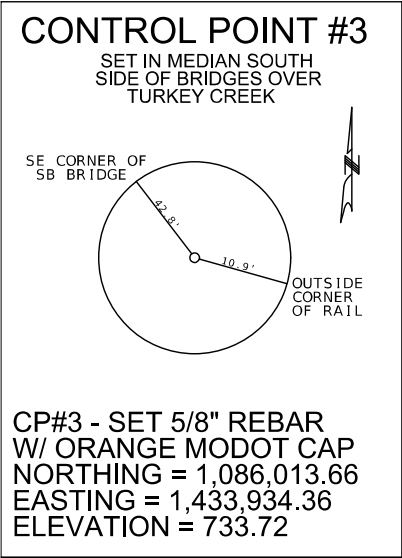
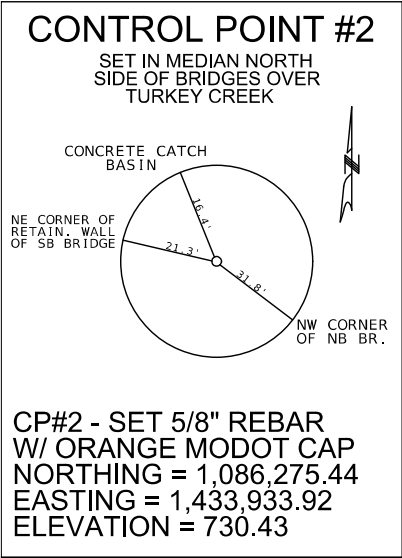
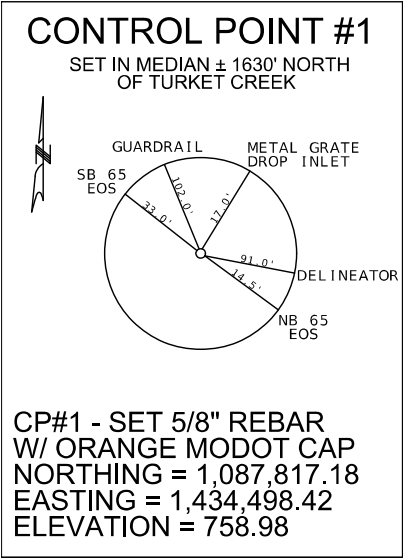
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

REFERENCE POINTS:



DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 11
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

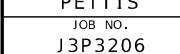
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Jaclyn A. White
10/01/2025 2:58:53 PM
JACLYN A WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED	
9/23/2025	
ROUTE	STATE

- | | |
|-------------|-------------|
| ROUTE
65 | STATE
MO |
| DISTRICT | SHEET NO. |

KC	13
COUNTY	
BETTEL	



CONTRACT ID.

BRIDGE NO.

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[illegible]

NO

[illegible][illegible]

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- | | | | | | | |
|------|--|--|--|--|--|--|
| DATE | | | | | | |
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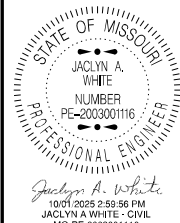
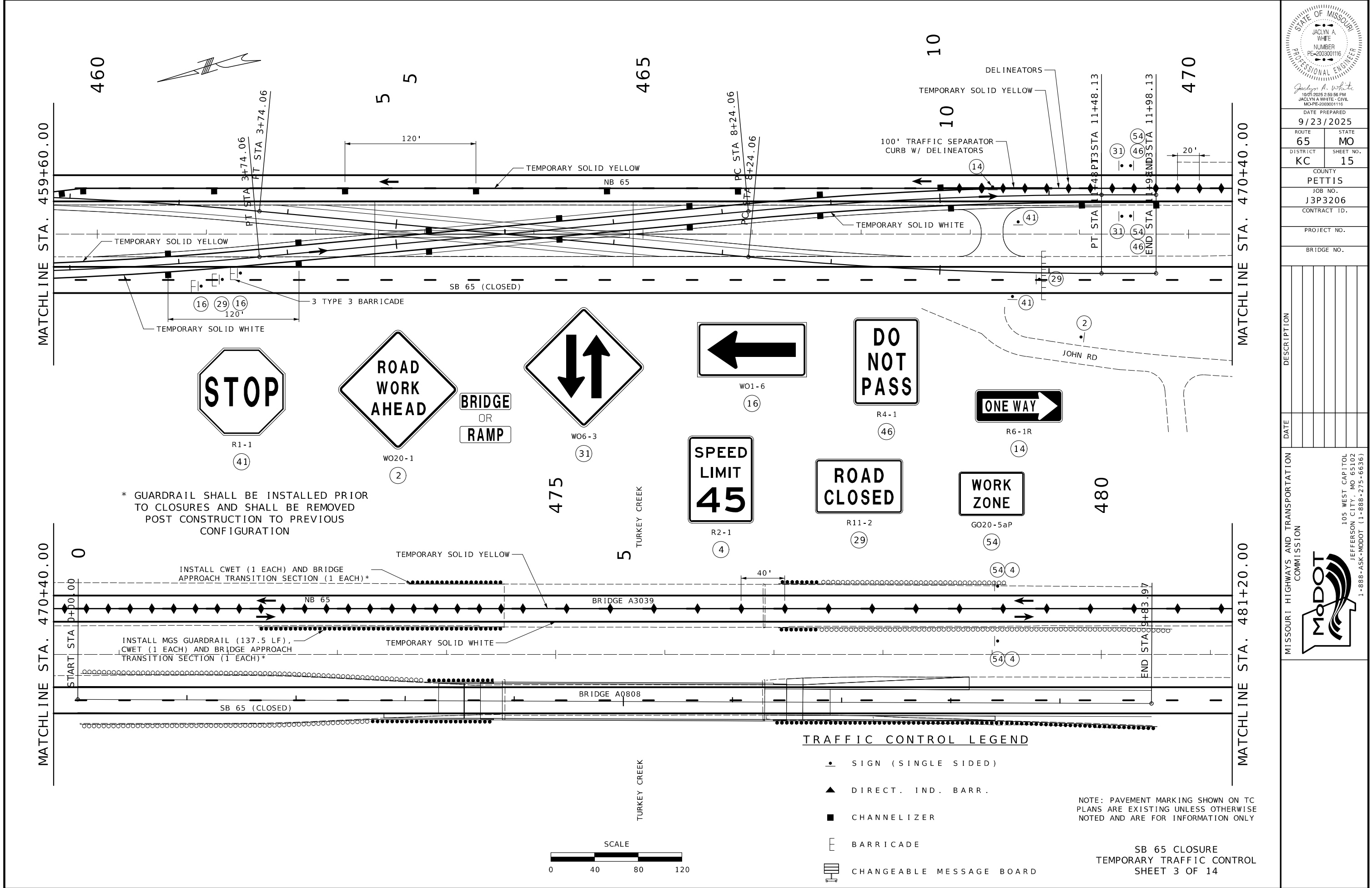
TOL
102
36)

- RTAT

TRANSPORTATION
5 WEST
CITY,
- 888 -

10 PERSON


MISSED CALLS[illegible]



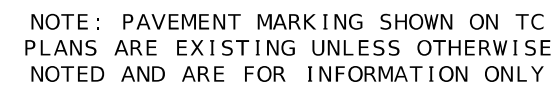
DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 15
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

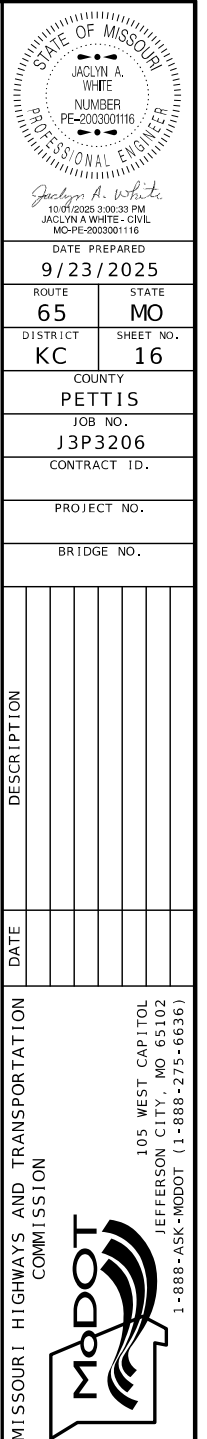
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



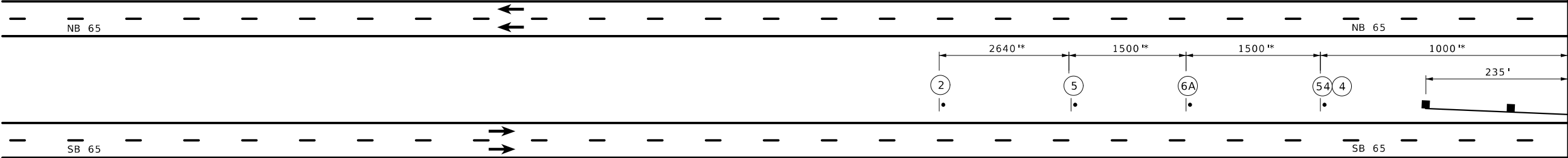
SB 65 CLOSURE
TEMPORARY TRAFFIC CONTROL
SHEET 4 OF 14



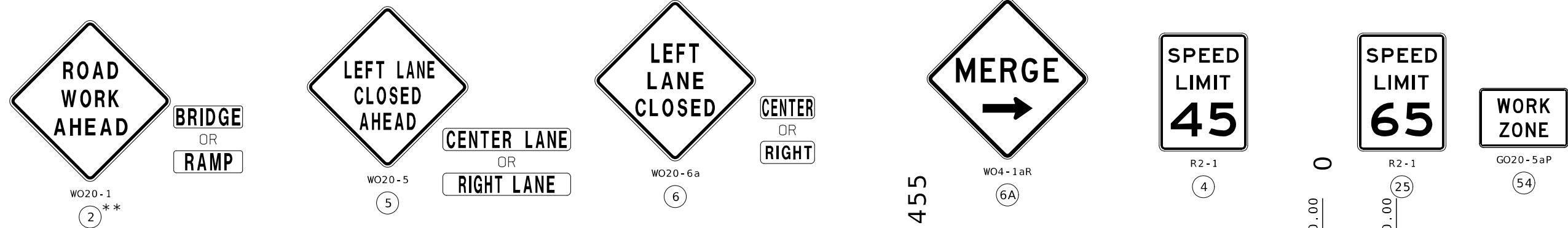


TRAFFIC CONTROL LEGEND

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

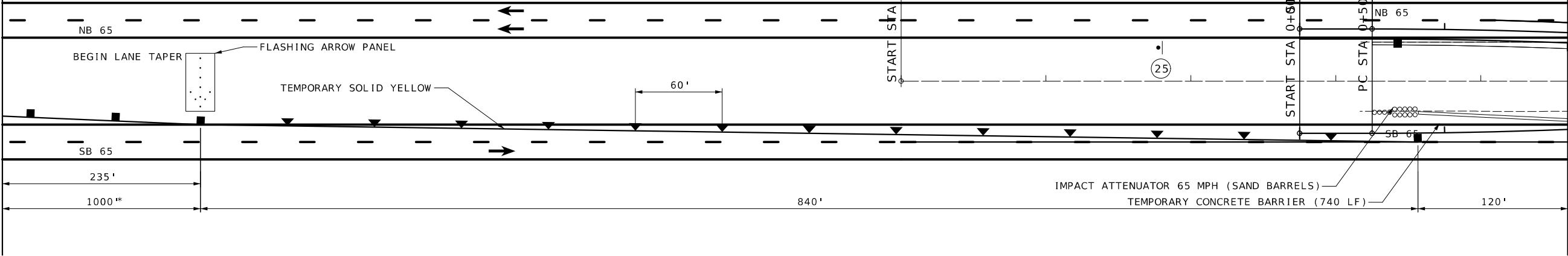


MATCHLINE STA. 448+80.00

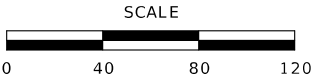


**NOTE: ADD SIGNAGE AT THORNLEIGH RD

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

Jaclyn A. White

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

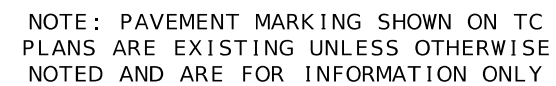
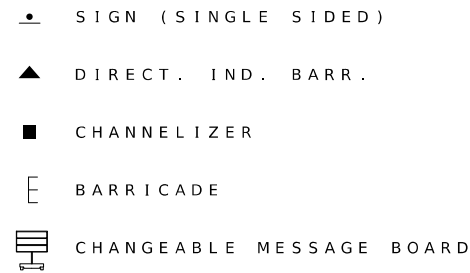
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



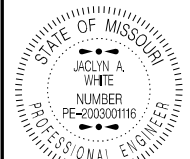
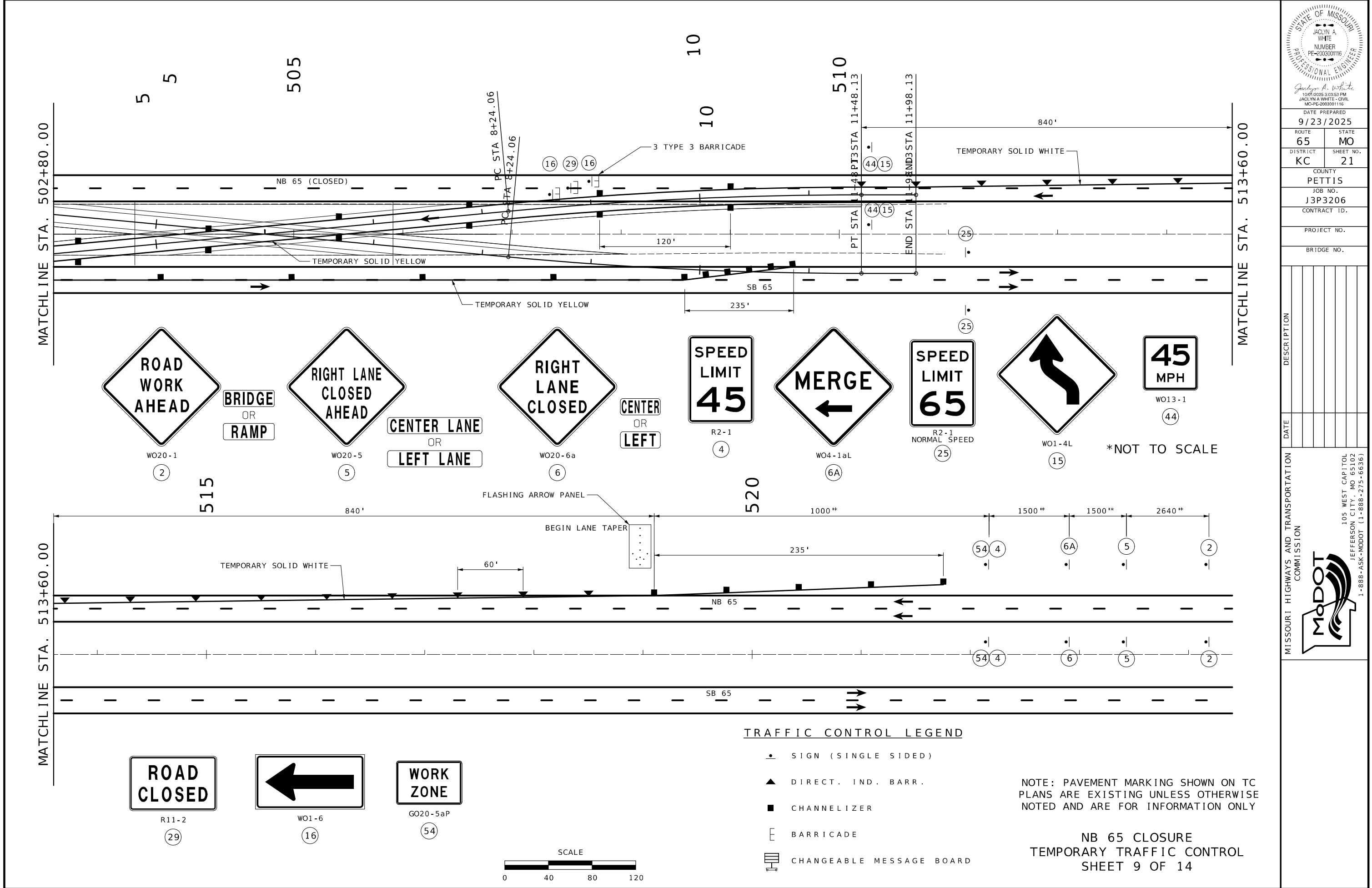
SCALE



0 40 80 120

NB 65 CLOSURE
TEMPORARY TRAFFIC CONTROL
SHEET 8 OF 14

[illegible]



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.

DATE	DESCRIPTION

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

←

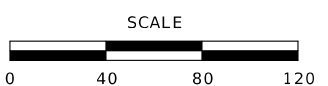
WO1-6

16

WORK ZONE

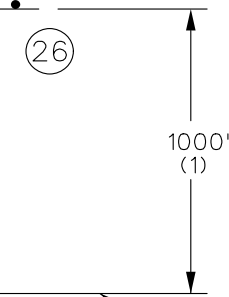
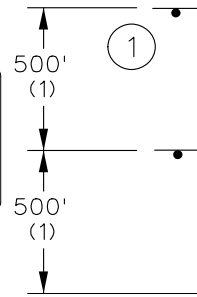
GO20-5aP

54



WORK ZONE
NO PHONE
ZONE

SPECIAL (4)

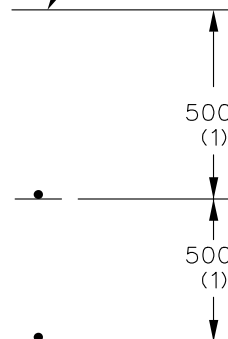
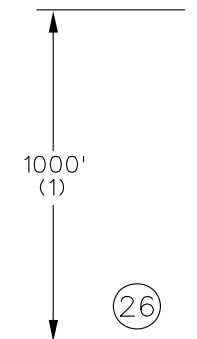


END OF PROJECT LIMITS;
END OF WORK ZONE
TERMINATION AREA, IF
LOCATED BEYOND END
OF PROJECT; OR LAST
WORK ZONE SIGN, IF
LOCATED OUTSIDE
PROJECT LIMITS.



CONST-5-96 (2)(3)

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

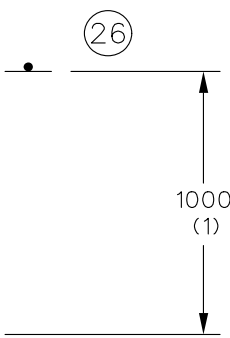
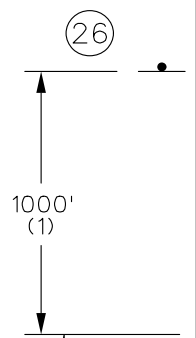
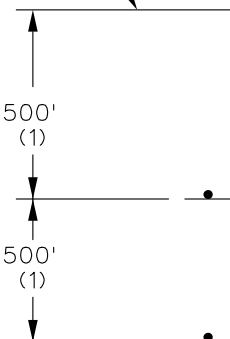


WORK ZONE
NO PHONE
ZONE

SPECIAL (4)

WORK ZONE
NO PHONE
ZONE

SPECIAL (4)



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

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)

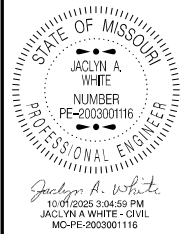
TWO-LANE UNDIVIDED

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
DISTRICT
KC
STATE
MO
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.

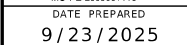
WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE ADDITIONAL
TTC DEVICES SHALL BE PLACED AS NEEDED.

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

NO SCALE



ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 24

COUNTY
PETTIS

JOB NO.
J3P3206

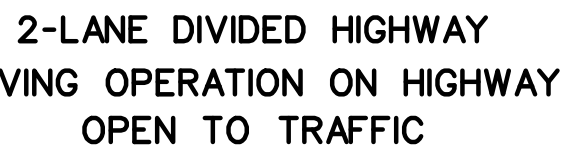
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

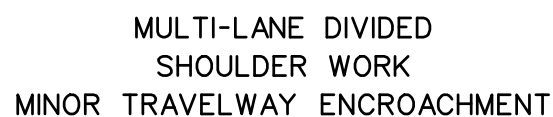
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



- MOVING OPERATION
OPEN TO TRAFFIC
TEMPORARY
TRAFFIC CONTROL
SHEET 13 OF 14

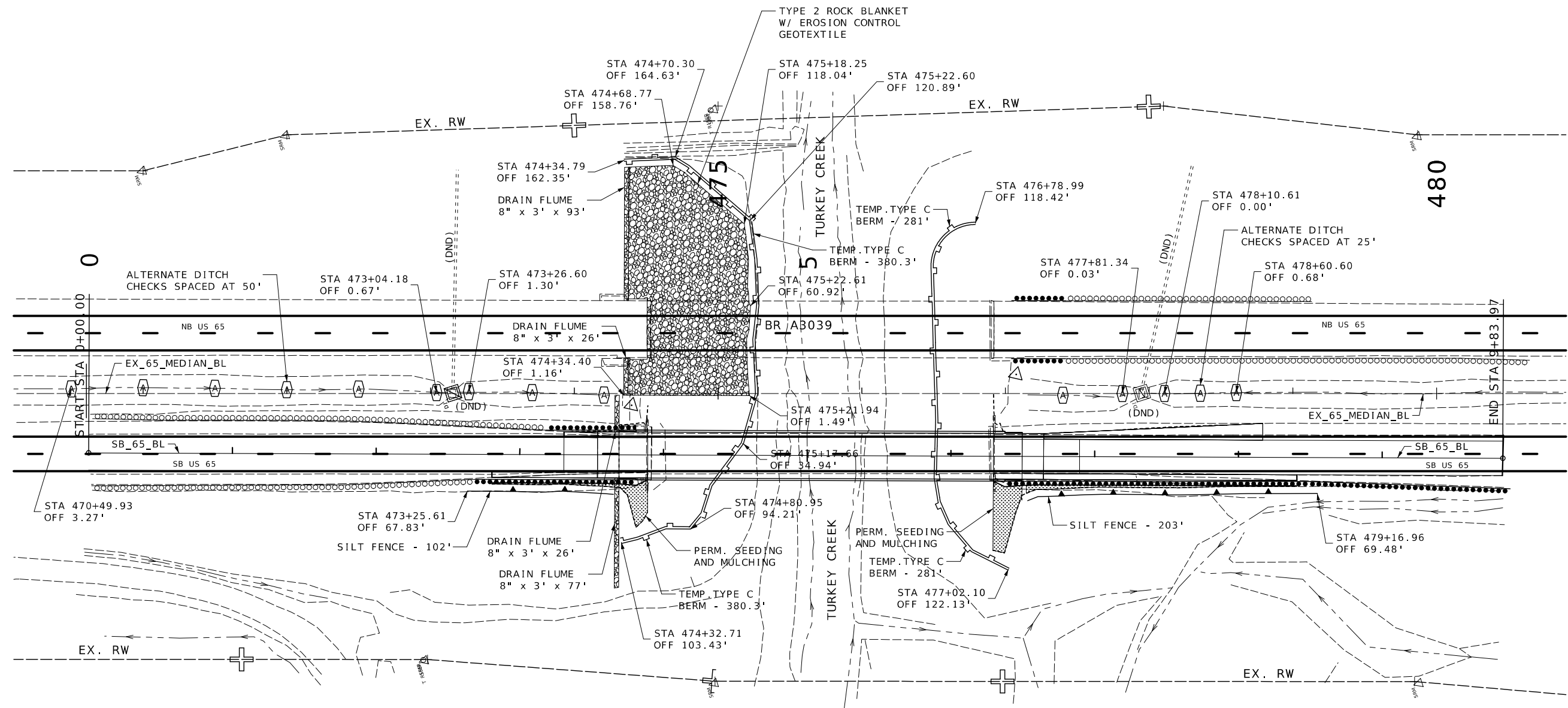
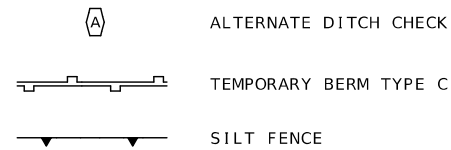




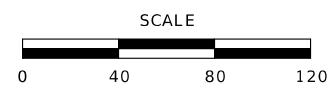
(1). SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

SHOULDER WORK
MINOR ENCROACHMENT
TEMPORARY
TRAFFIC CONTROL
SHEET 14 OF 14

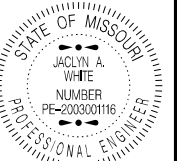




PLACE TYPE 2 ROCK BLANKET FLUSH WITH
EXISTING GROUND LINE



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

ROUTE	STATE
65	MO

DISTRICT	SHEET NO.
KC	27

PETTIS

J3P3206

CONTRACT ID.

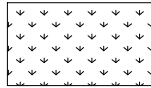
PROJECT NO.

BRIDGE NO.

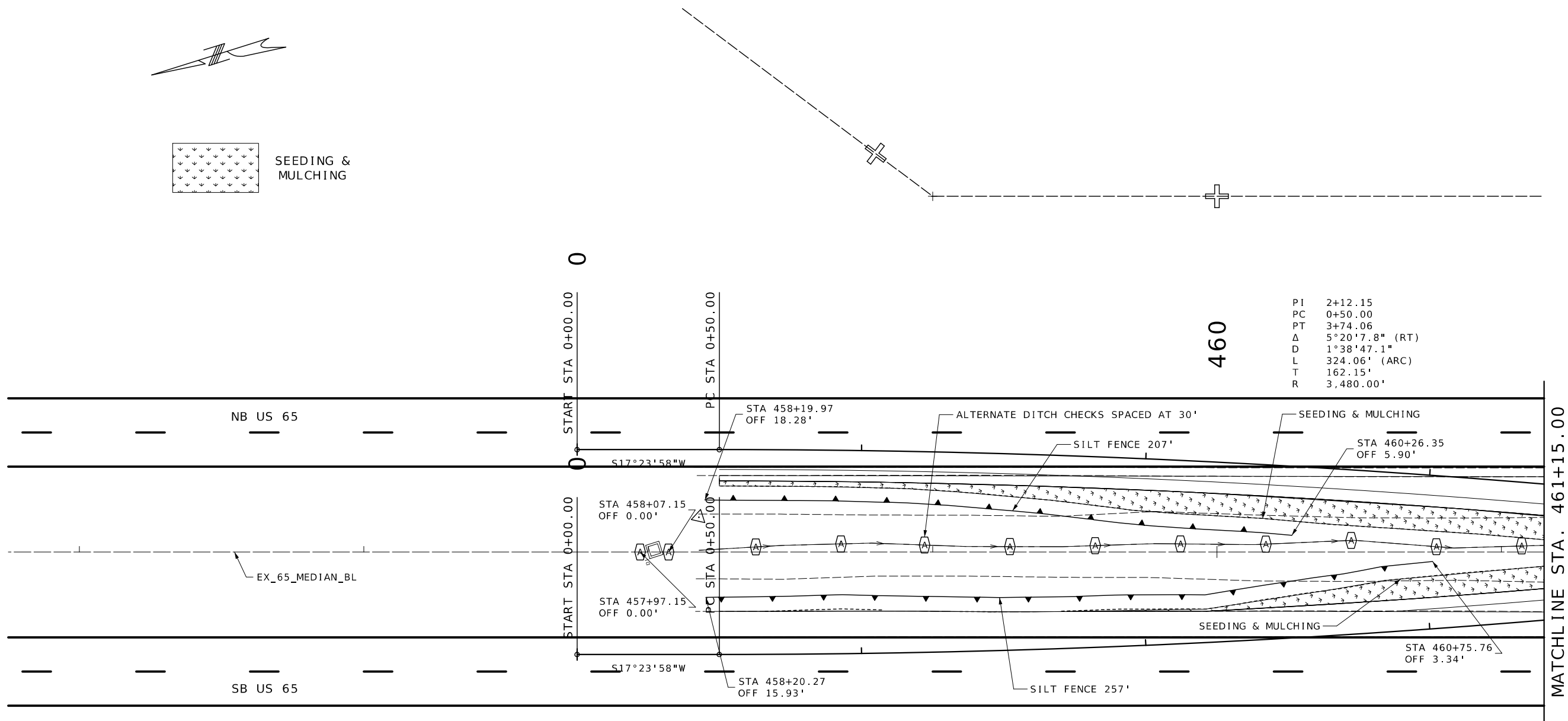
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



SEEDING &
MULCHING



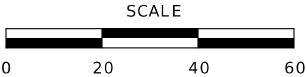
TEMPORARY EROSION CONTROL LEGEND

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

NOTES:

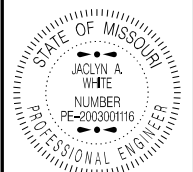
MAINTAIN 5' DISTANCE BETWEEN LIMITS OF CONSTRUCTION AND SILT FENCE WHERE POSSIBLE

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



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'

PHASED CONSTRUCTION
EROSION CONTROL SHEET
SHEET 2 OF 13



Jaclyn A. White
10/01/2025 3:07:56 PM
JACLYN A WHITE - CIVIL
MO-PE-200300116

DATE PREPARED
9/23/2025

ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 28

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

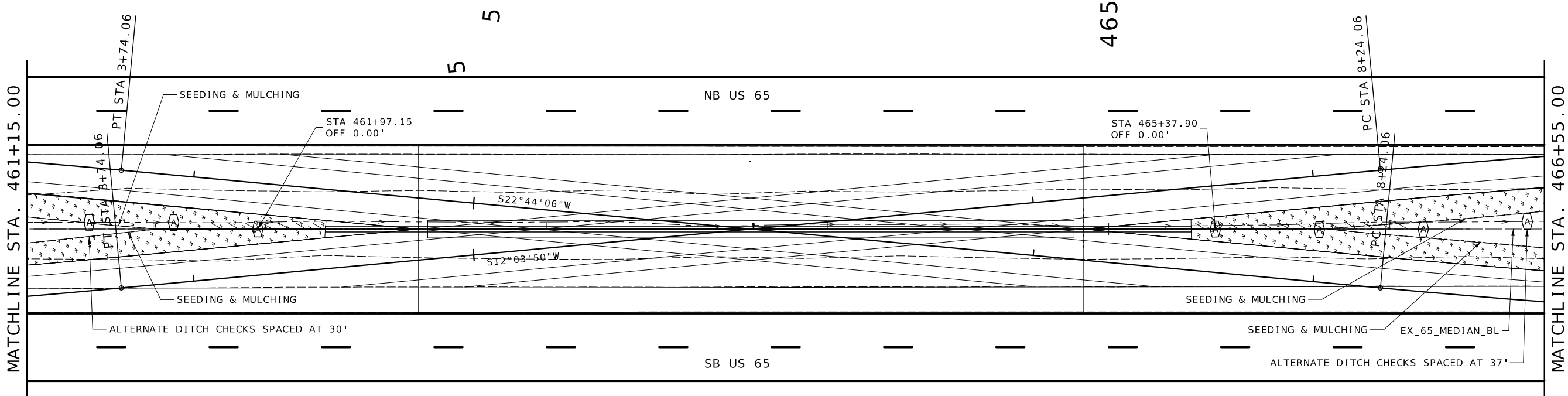
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



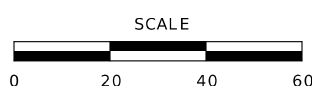
TEMPORARY EROSION CONTROL LEGEND

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

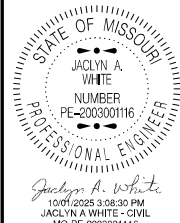
NOTES:

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

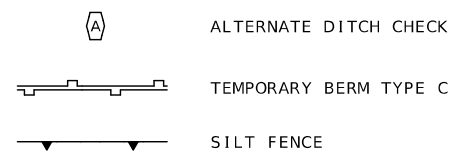
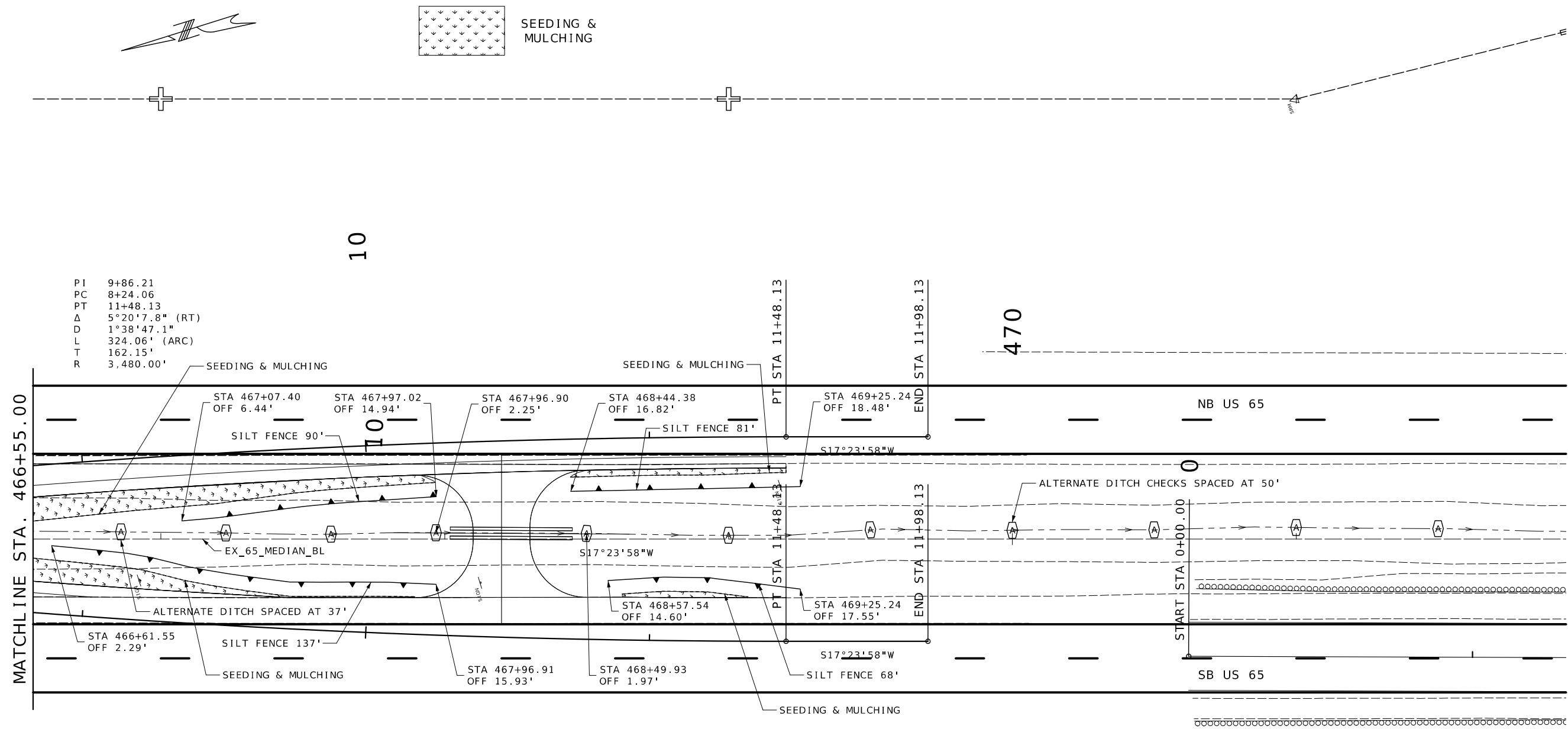


DATE PREPARED 9/23/2025	
ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 29
COUNTY PETTIS	
JOB NO. J3P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

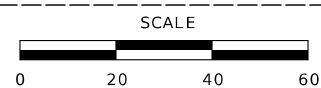
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



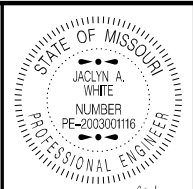
NOTES :

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



Jaclyn A. White
10/01/2025 3:09:05 PM
JACLYN A WHITE - CIVIL
MS DE 202500001110

DATE PREPARED

9/23/2025	
0.00000000	0.00000000

ROUTE	STATE
65	MO

DISTRICT	SHEET NO.
----------	-----------

KC	30
COUNTY	

COUNTY
 PETTIS

JOB NO.	1000000
---------	---------

J3P3206

CONTRACT ID.

CONCLUSIONS

PROJECT NO.

BRIDGE NO.

1000

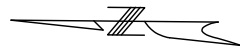
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**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

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

REV.



SEEDING &
MULCHING

SPW

0

START STA 0+00.00

PC STA 0+50.00

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'

NB US 65

EX_65_MEDIAN_BL

SB US 65

S00°32'02"E

S00°32'02"E

STA 499+01.22
OFF 1.44'

STA 498+91.22
OFF 1.48'

STA 499+20.00
OFF 17.09'

STA 499+20.00
OFF 14.35'

SILT FENCE 286'

ALTERNATE DITCH CHECKS SPACED AT 30'

SILT FENCE 242'

SEEDING & MULCHING

STA 502+05.06
OFF 0.39'

STA 501+60.60
OFF 6.22'

SEEDING & MULCHING

MATCHLINE STA. 502+40.00

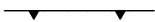
TEMPORARY EROSION CONTROL LEGEND



ALTERNATE DITCH CHECK



TEMPORARY BERM TYPE C



SILT FENCE

NOTES:

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

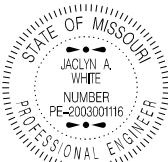
ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER

SCALE



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'

PHASED CONSTRUCTION
EROSION CONTROL SHEET
SHEET 5 OF 13



Jaclyn A. White
10/01/2025 3:38:40 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.

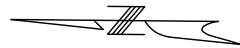
BRIDGE NO.

DESCRIPTION	DATE

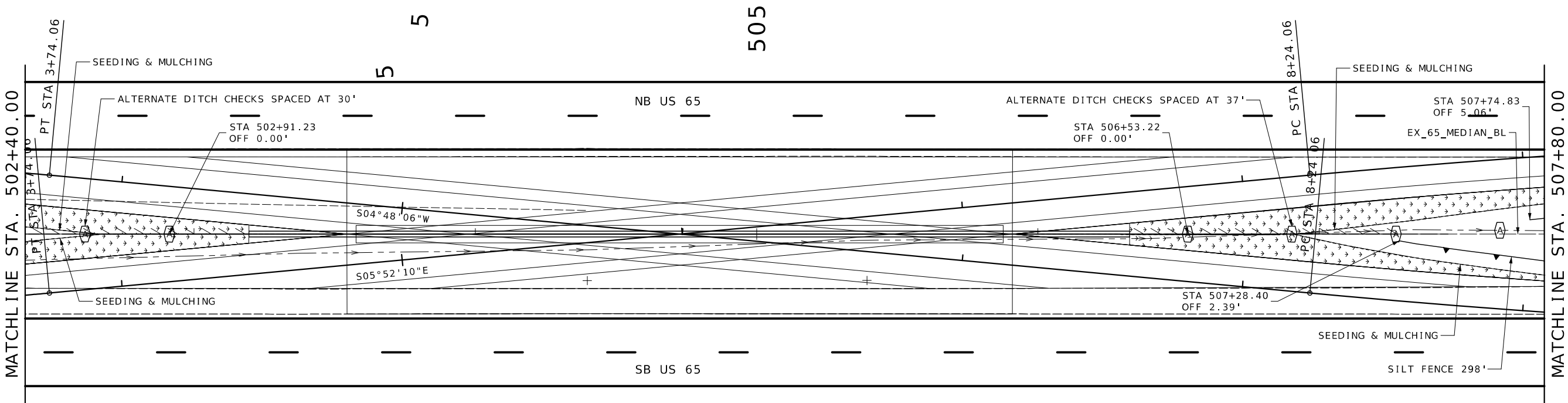
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



REV.



SEEDING &
MULCHING



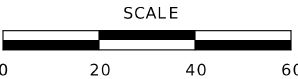
TEMPORARY EROSION CONTROL LEGEND

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

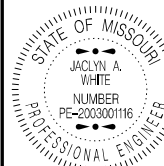
NOTES:

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



Jaclyn A. White
10/01/2025 3:10:09 PM
JACLYN A WHITE - CIVIL
MO-PE-2003001116

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.

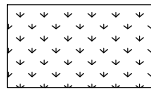
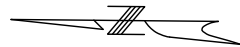
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

REV.



SEEDING &
MULCHING

10

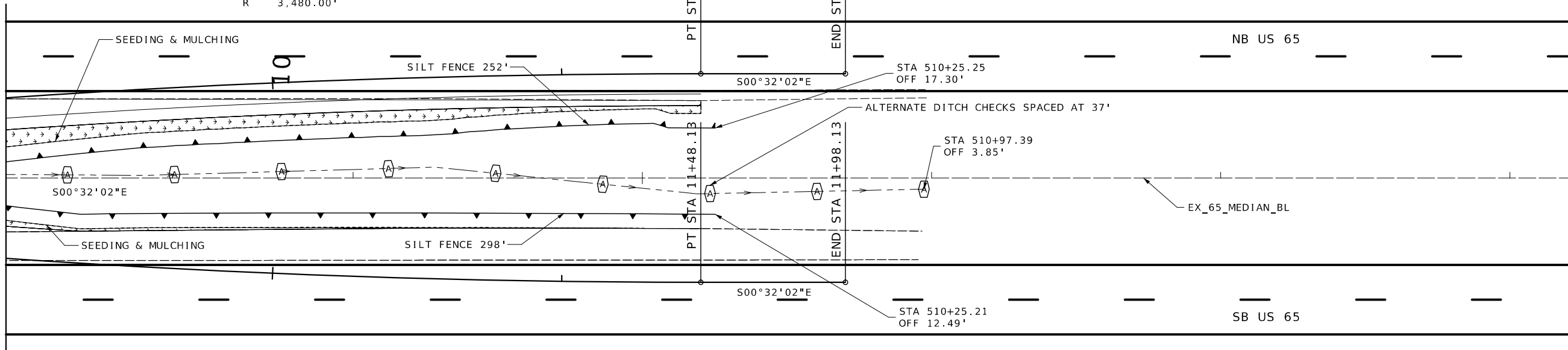
PI 9+86.21
PC 8+24.06
PT 11+48.13
Δ 5°20'7.8" (RT)
D 1°38'47.1"
L 324.06' (ARC)
T 162.15'
R 3,480.00'

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°38'47.1"
L 324.06' (ARC)
T 162.15'
R 3,480.00'

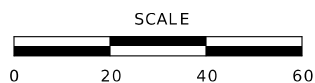
TEMPORARY EROSION CONTROL LEGEND

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

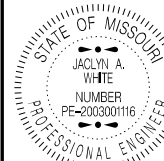
NOTES:

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



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

DATE PREPARED
9/23/2025

ROUTE	STATE
65	MO
DISTRICT	SHEET NO.
KC	33

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

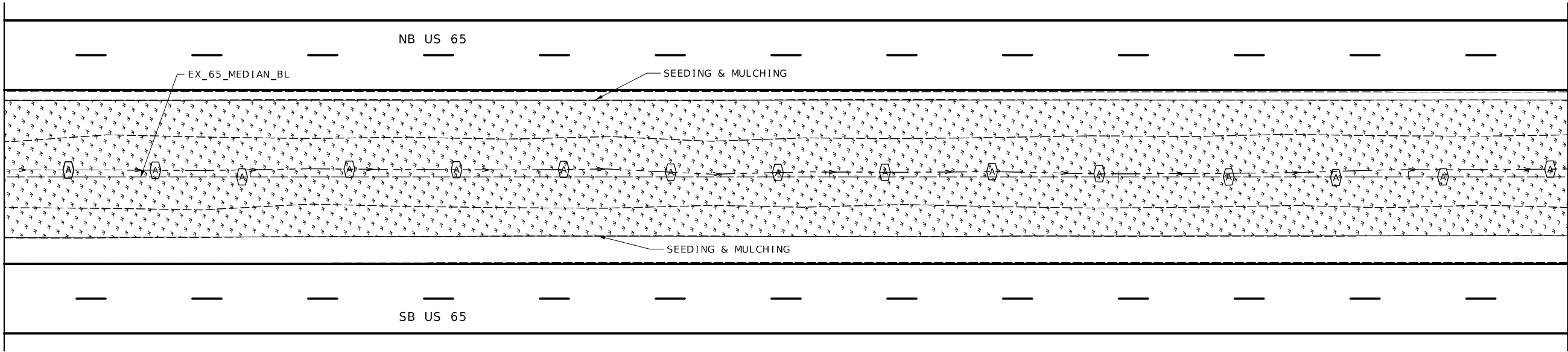
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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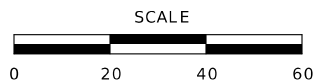
REV.

MATCHLINE STA. 461+15.00



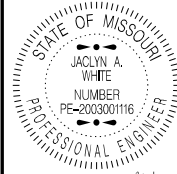
NOTES:

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



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

DATE PREPARED
9/23/2025

ROUTE 65	STATE MO
DISTRICT KC	SHEET NO. 35

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

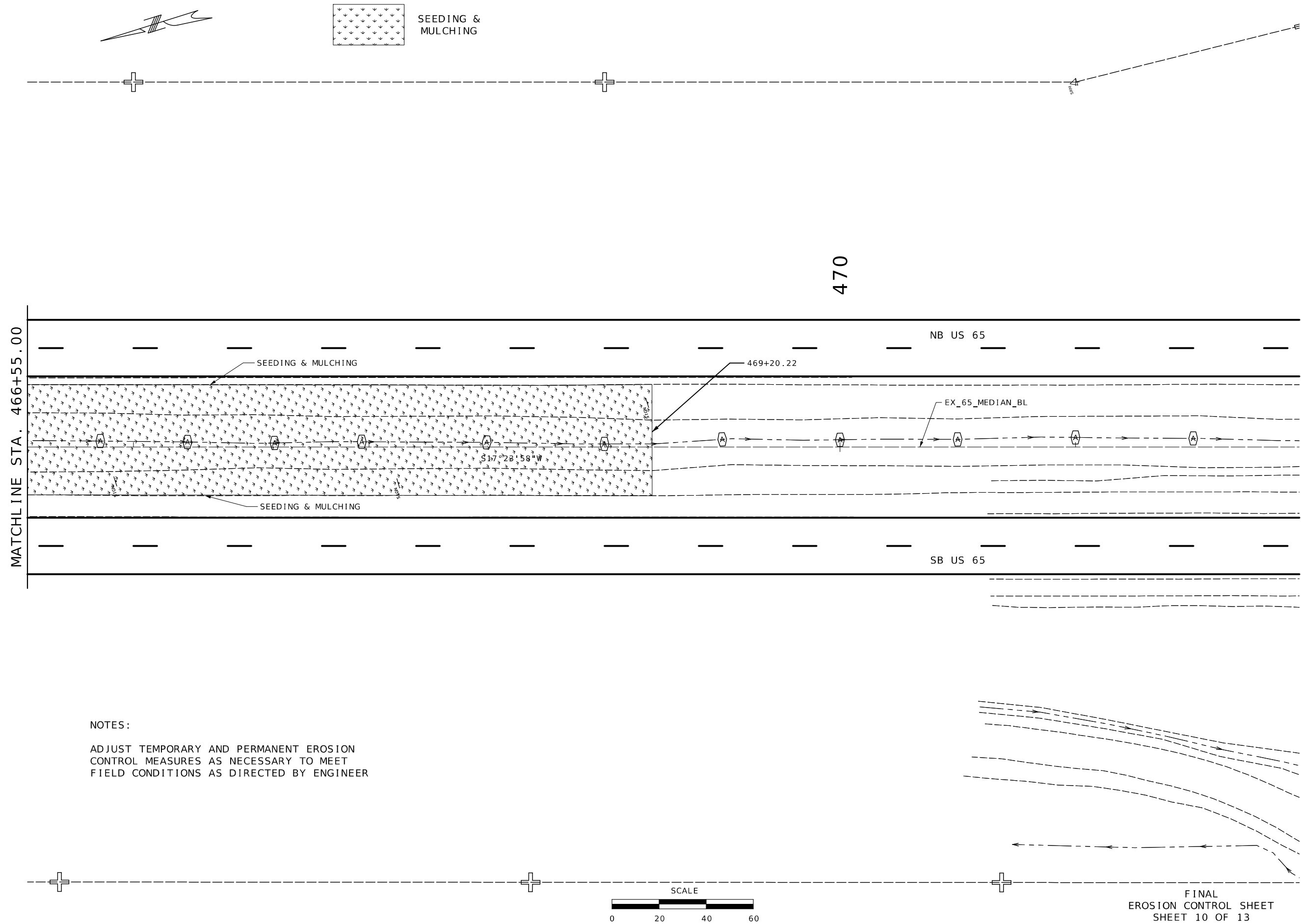
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



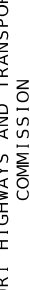
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REV.

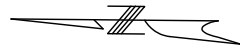


ADJUST TEMPORARY AND PERMANENT EROSION
CONTROL MEASURES AS NECESSARY TO MEET
FIELD CONDITIONS AS DIRECTED BY ENGINEER

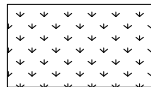
FINAL
EROSION CONTROL SHEET
SHEET 10 OF 13

		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)			

REV.



SPW



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.

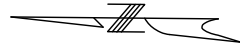
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



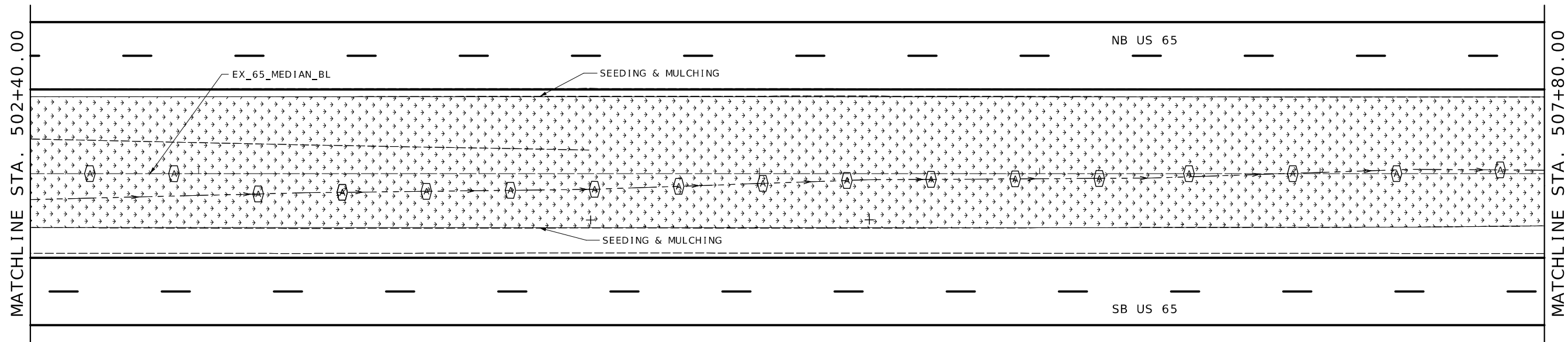
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REV.



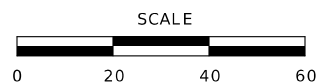
SEEDING &
MULCHING

505

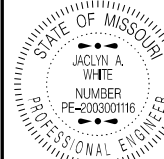


NOTES:

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
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DISTRICT KC	SHEET NO. 38
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COUNTY
PETTIS

JOB NO.
J3P3206

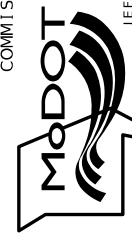
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PROJECT NO.

BRIDGE NO.

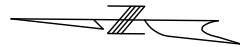
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



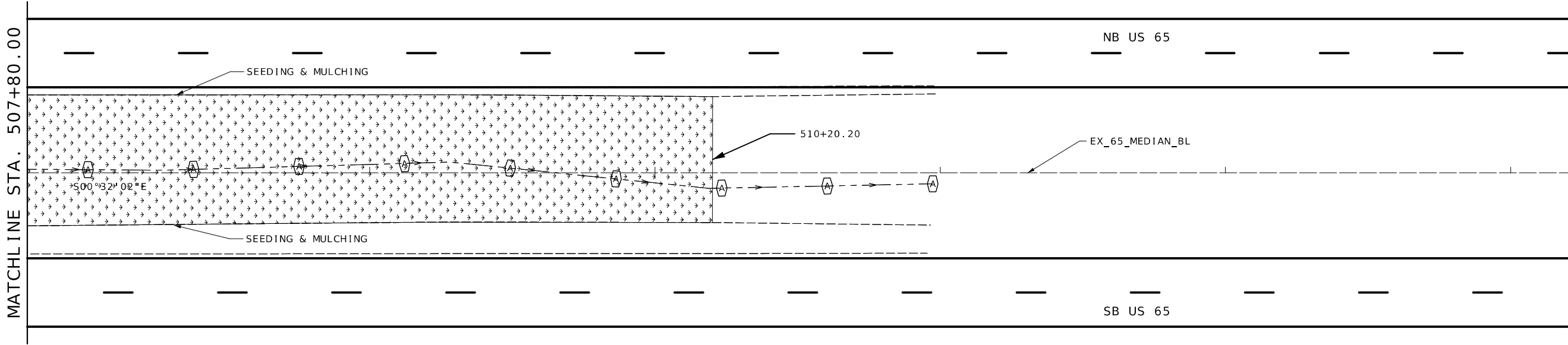
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REV.



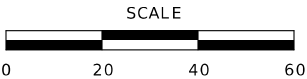
SEEDING &
MULCHING

510

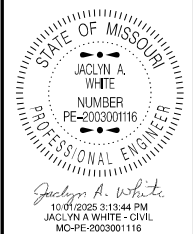


NOTES:

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.	

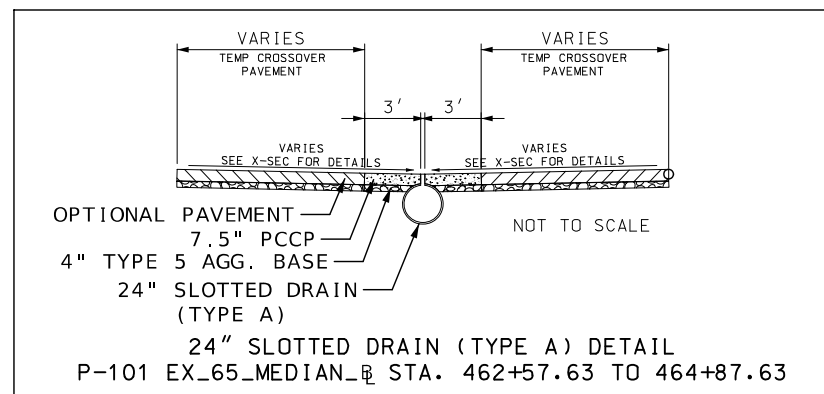
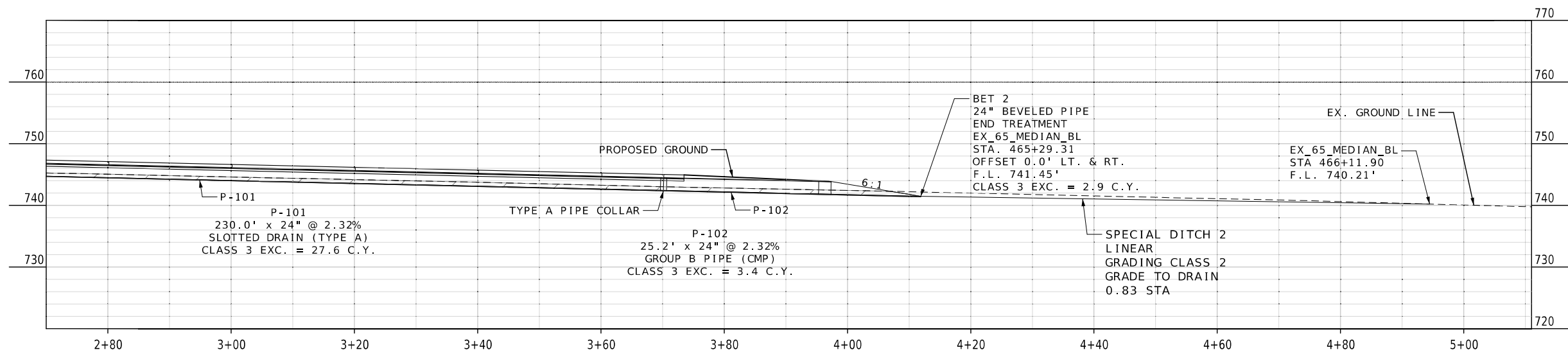
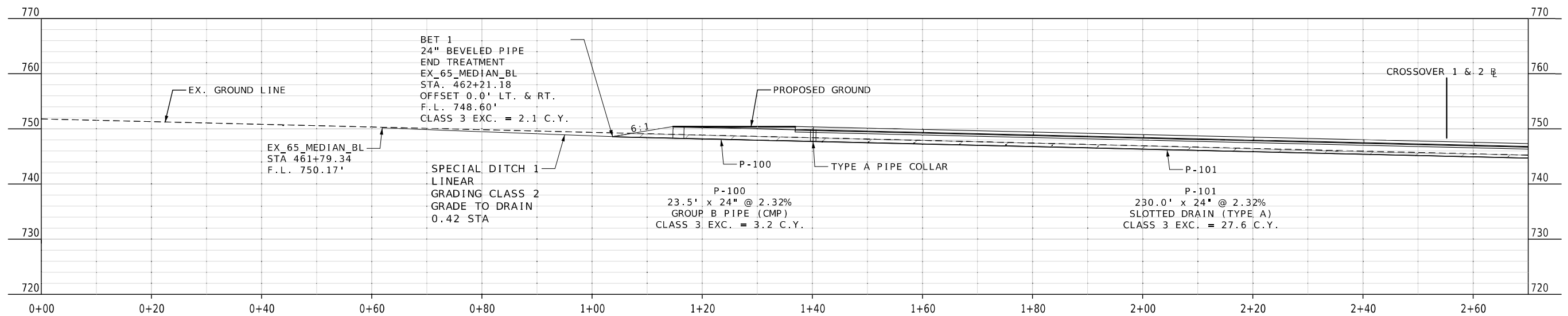
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

REV.



NORTH CROSSOVER
CULVERT SECTION SHEET
SHEET 1 OF 3



Jaclyn A. White
10/01/2025 3:14:17 PM
JACLYN A WHITE - CIVIL
MO-PE-200300116

DATE PREPARED
9/23/2025

ROUTE 65 STATE MO

DISTRICT KC SHEET NO. 40

COUNTY

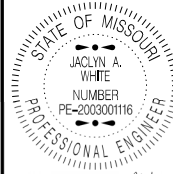
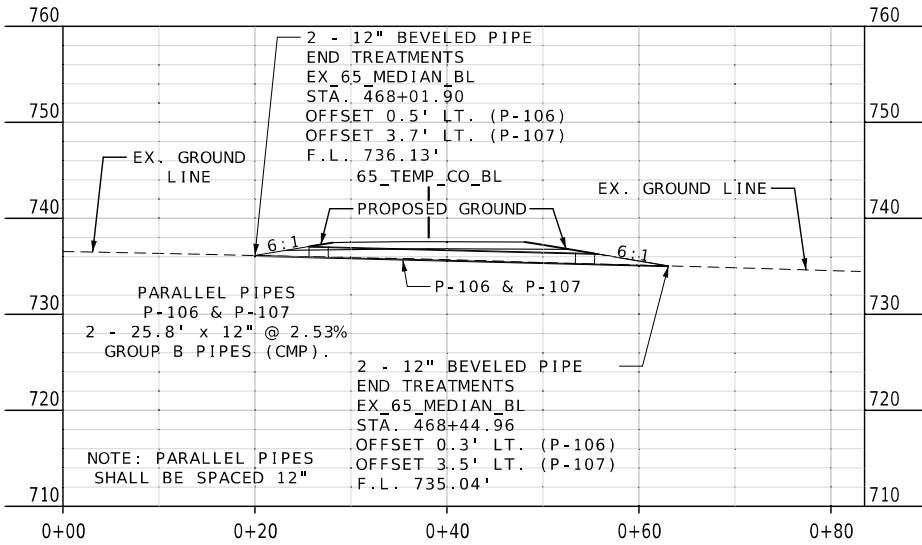
PETTIS

JOB NO. J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



Jaclyn A. White
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JACLYN A WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED
9/23/2025

ROUTE	STATE
65	MO
DISTRICT	SHEET NO.
KC	41

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

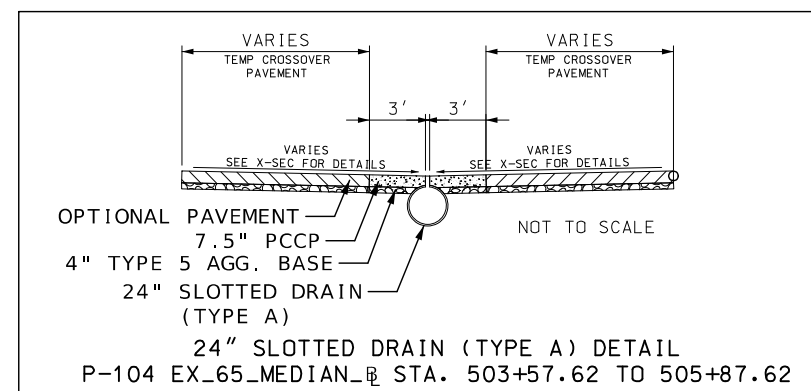
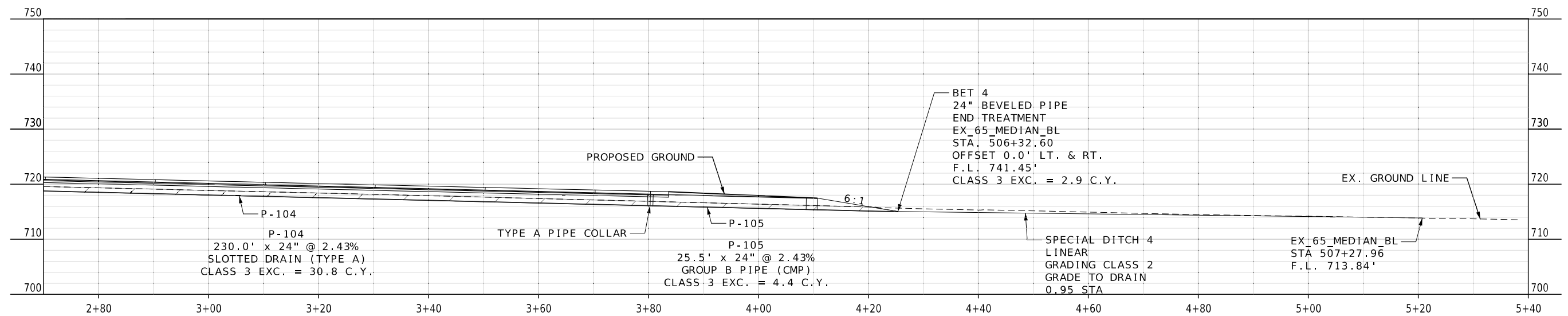
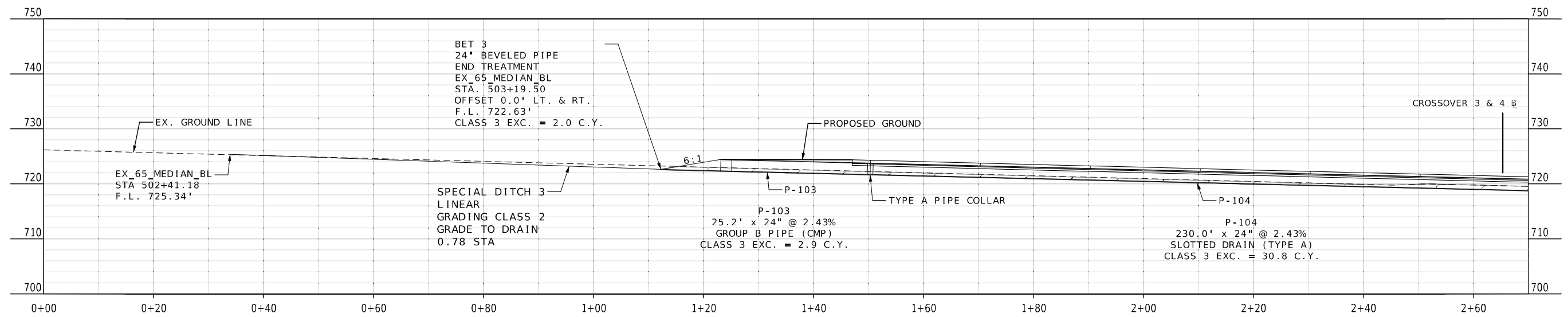
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



SOUTH CROSSOVER
CULVERT SECTION SHEET
SHEET 3 OF 3



Jaclyn A. White
10/01/2025 3:15:17 PM
JACLYN A WHITE - CIVIL
MC BE 2023001116

MO-FE-2003001118
DATE PREPARED

9/23/2025	
ROUTE 65	STATE MO

DISTRICT	SHEET NO.
KC	42

COUNTY
PETTIS

JOB NO.
1252206

J3P3206
CONTRACT ID.

PROJECT NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

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.

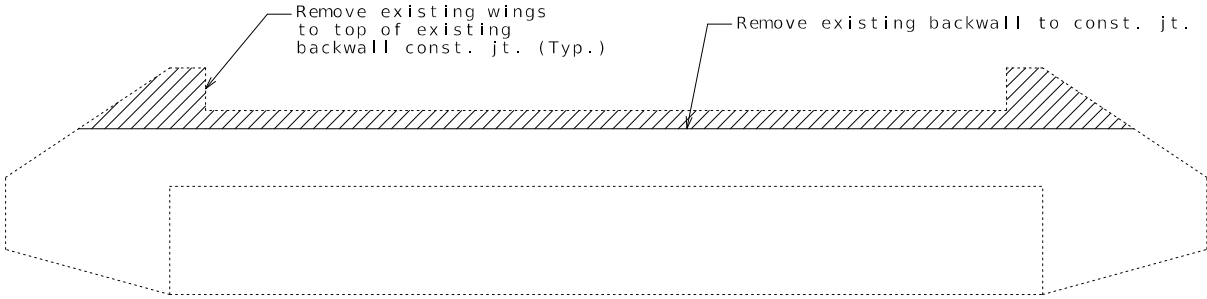
Haunching:

(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.

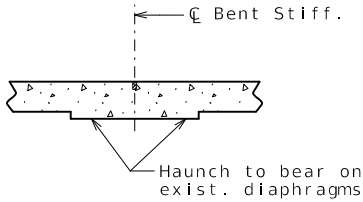
All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.



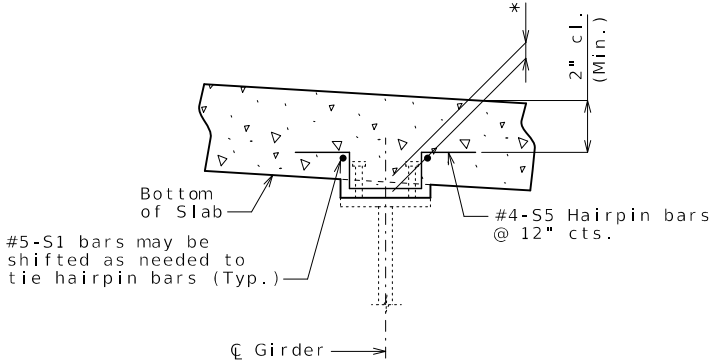
DETAILS OF CONCRETE REMOVAL AT END BENTS

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.

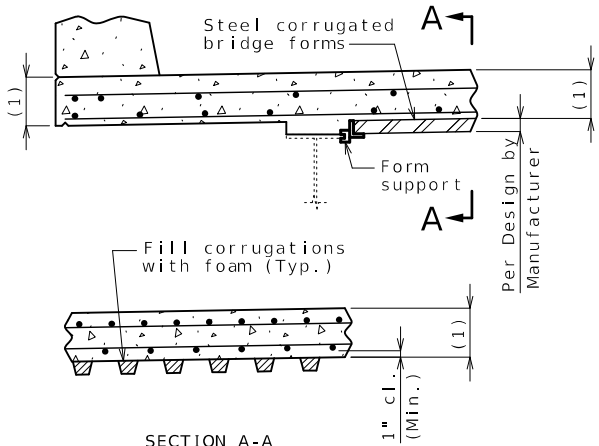


PART SECTION THRU SLAB AT INT. BENTS



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.



OPTIONAL STAY-IN-PLACE FORM DETAILS



THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
10/30/2025

ROUTE STATE
65 SB MO
DISTRICT SHEET NO.
BR 2

COUNTY
PETTIS
JOB NO.
J3P3206
CONTRACT ID.

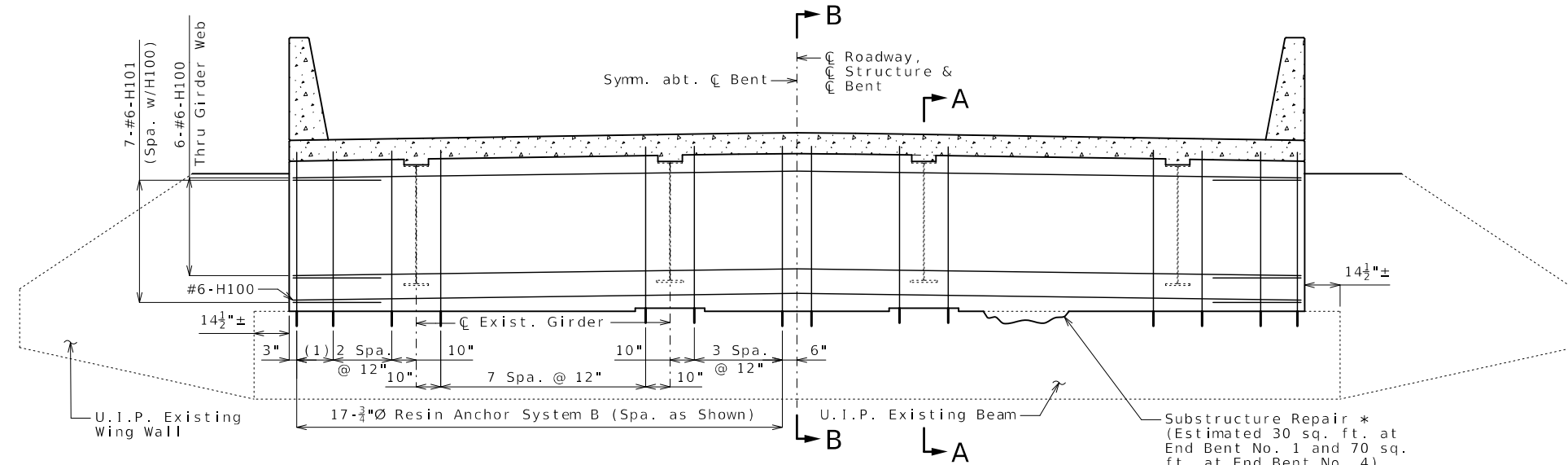
PROJECT NO.

BRIDGE NO.
A08082

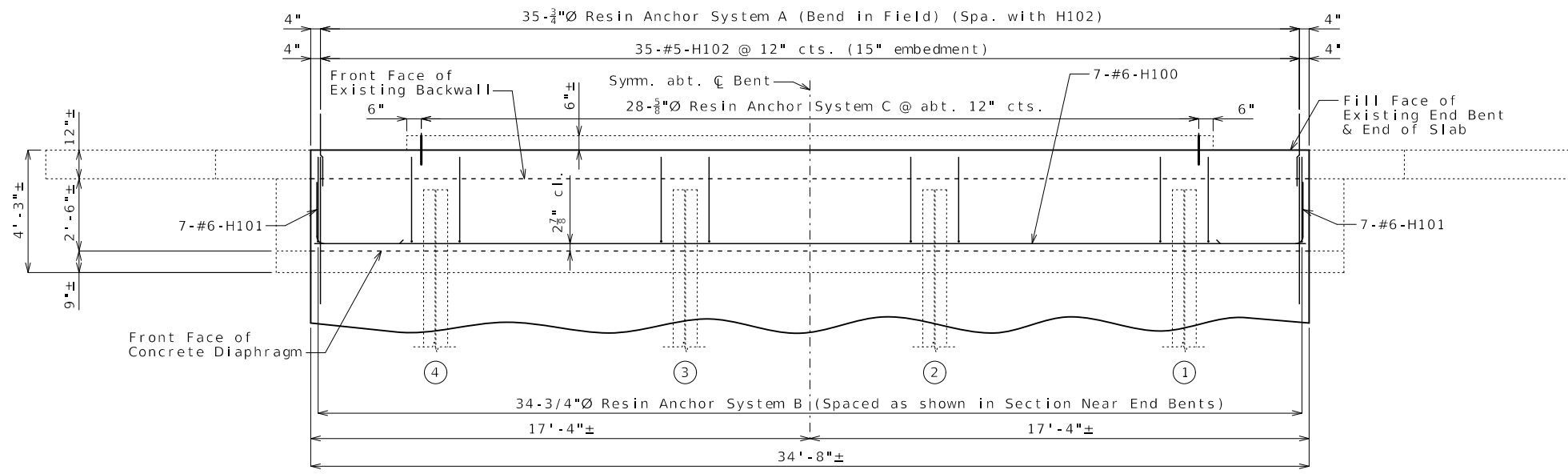
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

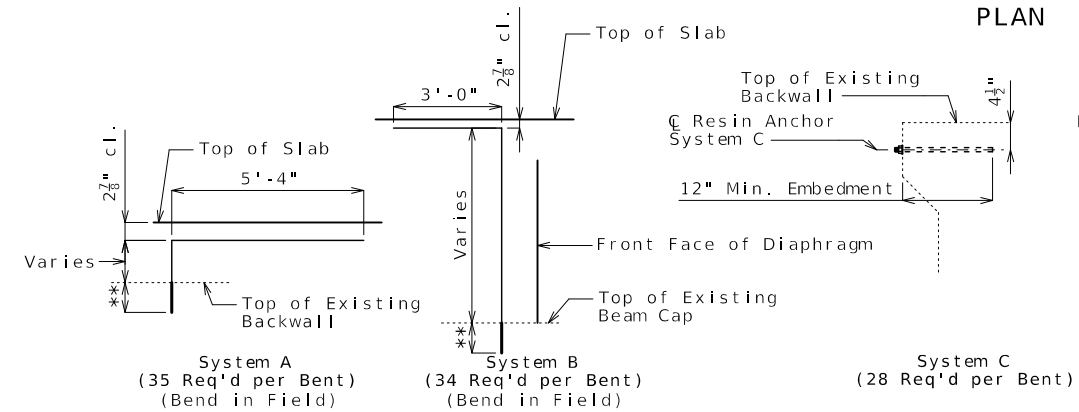
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



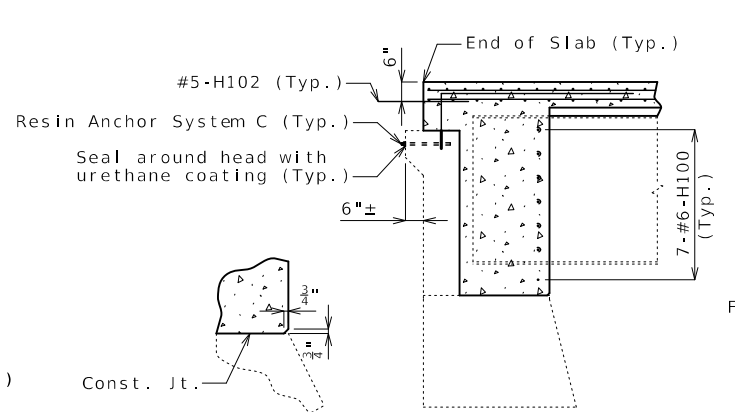
SECTION NEAR END BENTS
(Bearing stiffeners, bearings, steel end diaphragms, slab steel and Resin Anchor Systems A & C not shown for clarity)
(1) 2 Spa. @ 7 1/2"



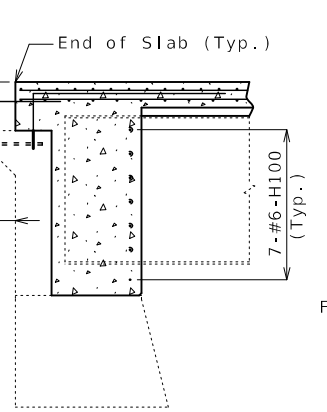
PLAN



DETAILS OF RESIN ANCHOR SYSTEMS
** Manufacturer's recommended embedment length (5" min.)



DETAIL A



SECTION A-A
(Normal to Centerline Roadway)

DETAILS OF END BENTS NO. 1 & 4
(End Bent No. 1 shown, End Bent No. 4 similar)

Notes:

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

Cost of furnishing and installing the Resin Anchor System, complete in place, will be considered completely covered by the contract unit price for Slab on Steel.

The minimum embedment depth in concrete with $f'c=4,000$ psi for the Resin Anchor System shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5".

An epoxy coated #6 Grade 60 reinforcing bar shall be substituted for the 3/4"Ø threaded rod in Resin Anchor Systems A & B.

Resin Anchor System C is a 5/8"Ø threaded rod with flat washer and two heavy hex nuts (burr threads to prevent loosening). All hardware for Resin Anchor System C shall be galvanized in accordance with ASTM A153.

Concrete for diaphragm shall be Class B-2.

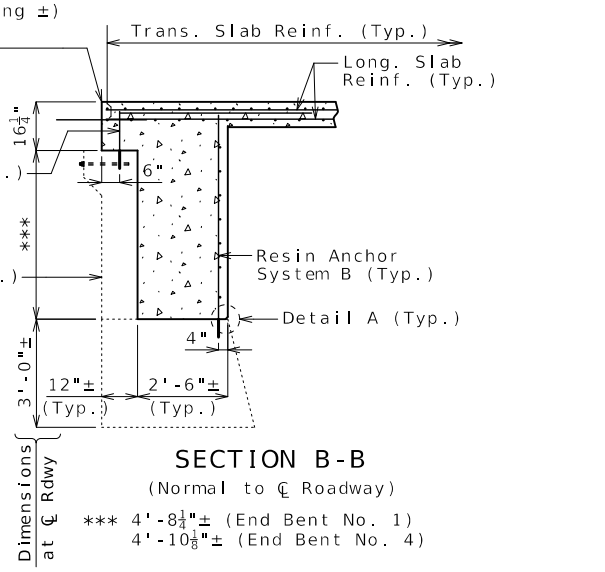
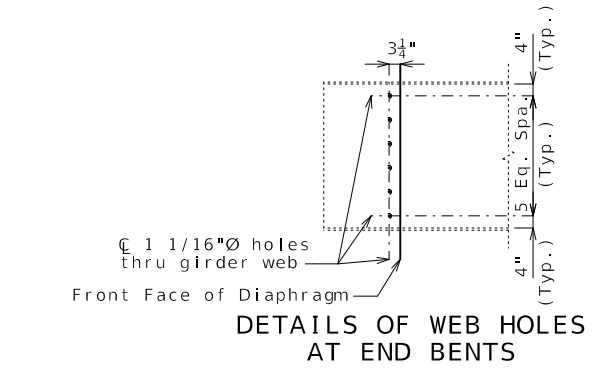
All concrete and reinforcement is included in the Table of Estimated Quantities for Slab on Steel and will be considered completely covered by the contract unit price for Slab on Steel.

For details and reinforcement of the barrier not shown, see Sheets No. 6 & 7.

The H100 bars are segmented for ease of placement through girder web holes. The total bar length for H100 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 Slab on Steel. 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 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.



SECTION B-B
(Normal to Centerline Roadway)

*** 4'-8 1/4 inch ± (End Bent No. 1)
4'-10 3/8 inch ± (End Bent No. 4)

STATE OF MISSOURI
ALEC R. SCHLOTZHAUER
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.
3

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A08082

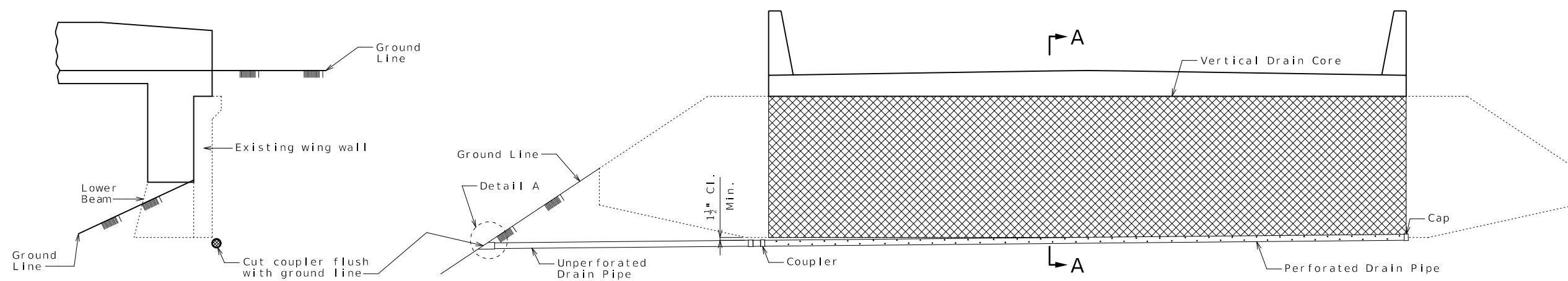
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

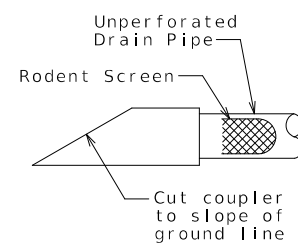
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

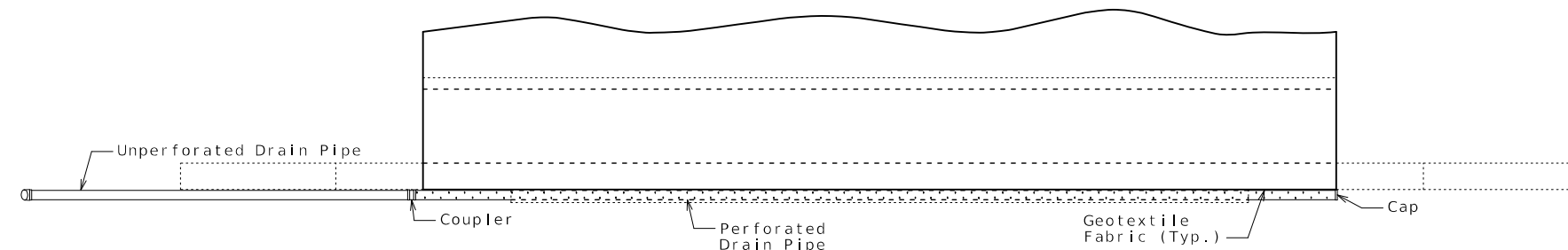


ELEVATION OF WING

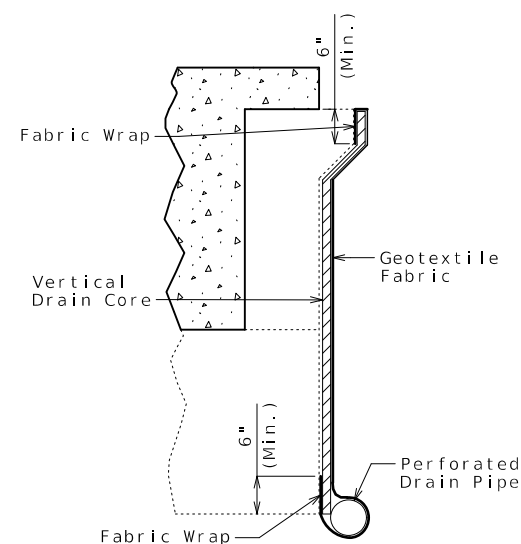
ELEVATION OF END BENT



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.

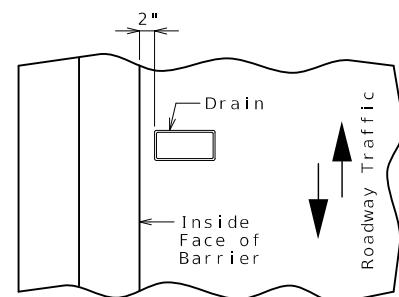
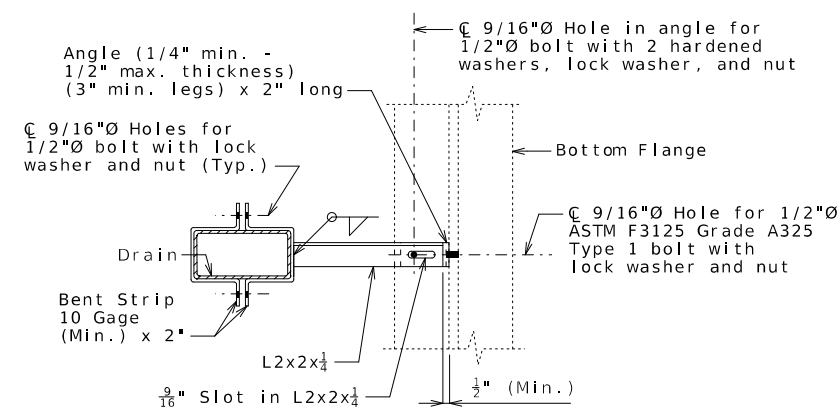
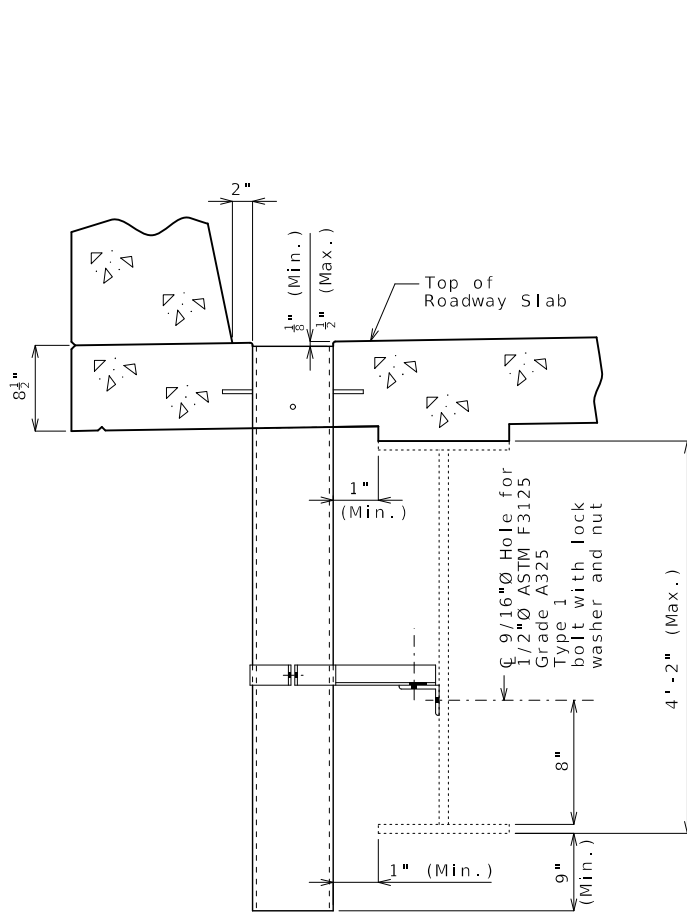
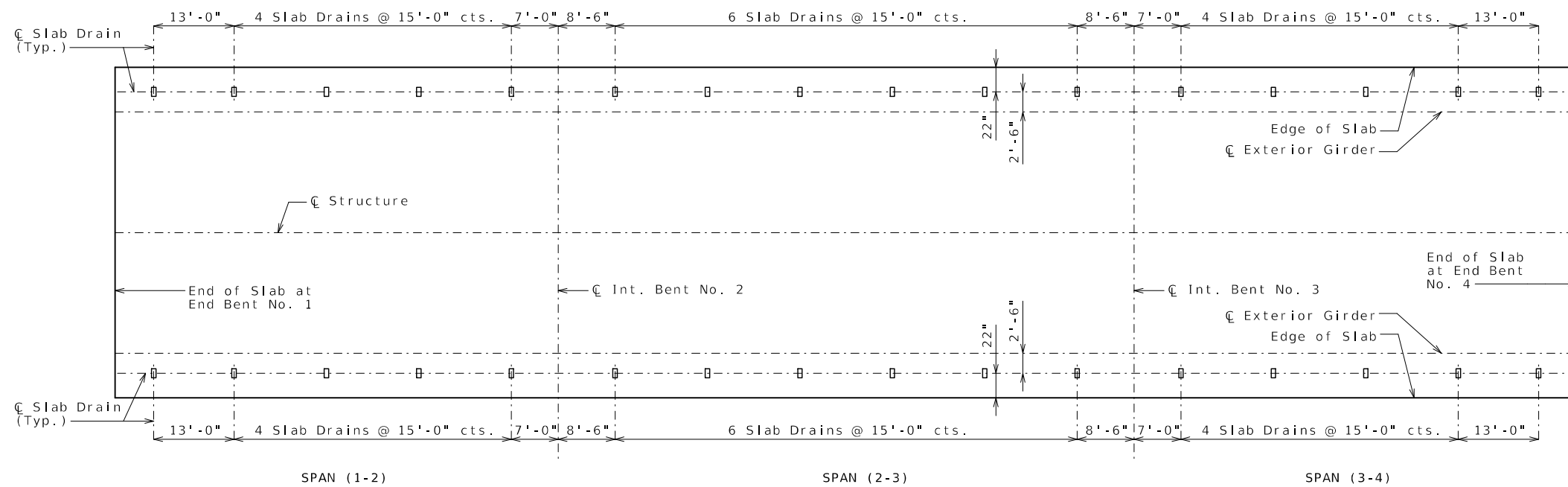
PROJECT NO.

BRIDGE NO.
A08082

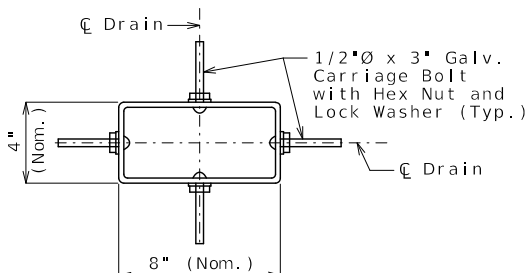
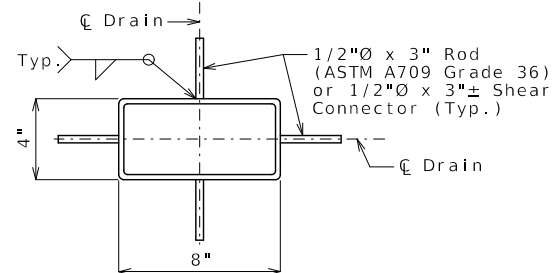
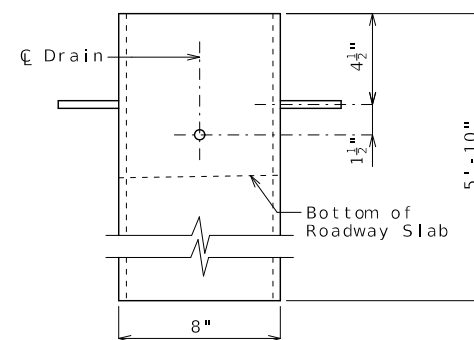
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

 105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SLAB DRAINS



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.



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ROUTE	STATE
65 SB	MO

DISTRICT	SHEET NO.
BR	5

COUNTY
PETTIS

JOB NO.
J3P3206

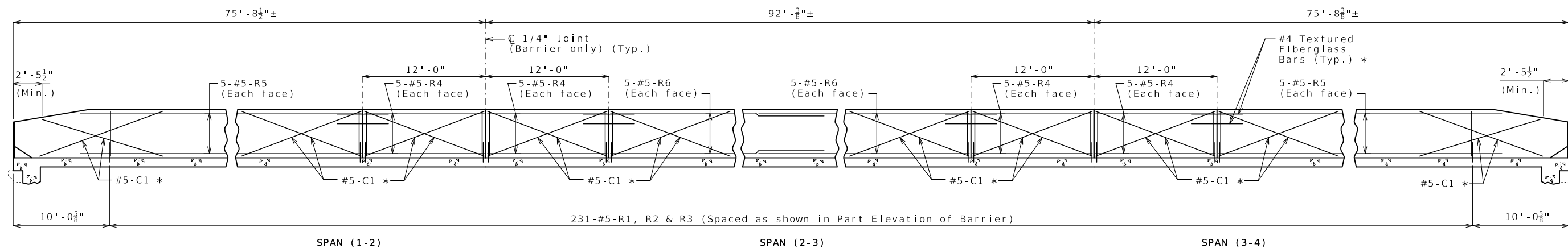
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PROJECT NO.

BRIDGE NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION
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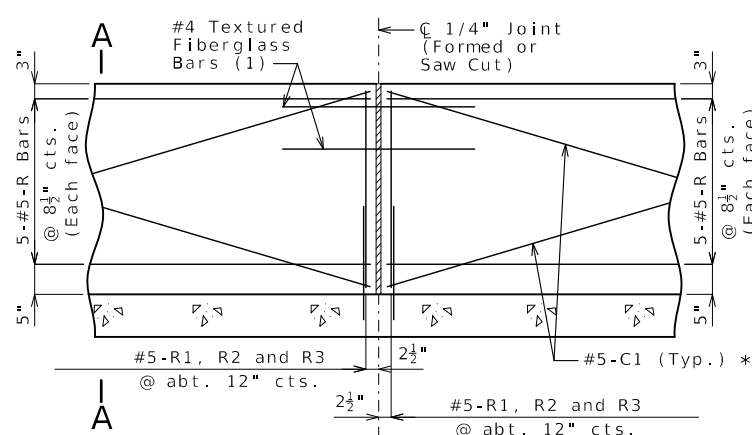
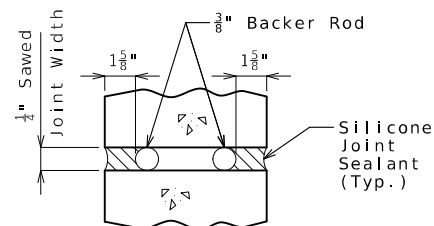
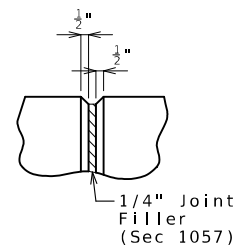
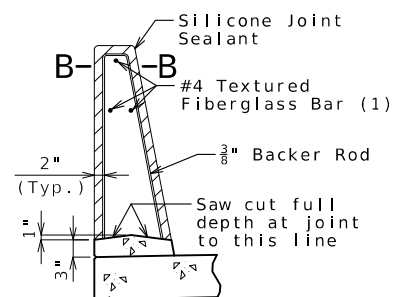
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ELEVATION OF BARRIER

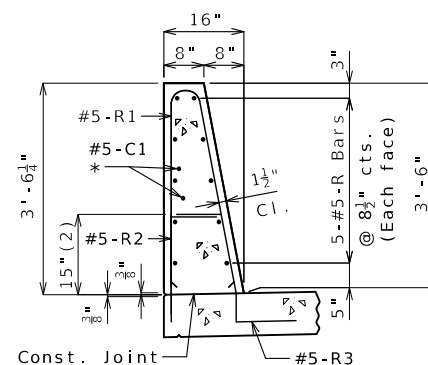
(Left barrier shown, right barrier similar)

Longitudinal dimensions are horizontal.



PART ELEVATION OF BARRIER

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

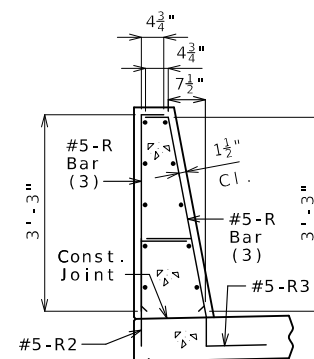


SECTION A-A

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 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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ROUTE	STATE
65 SB	MO

DISTRICT	SHEET NO
BR	6

	COUNTY
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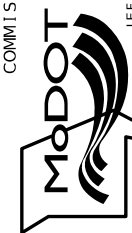
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JOB NO.

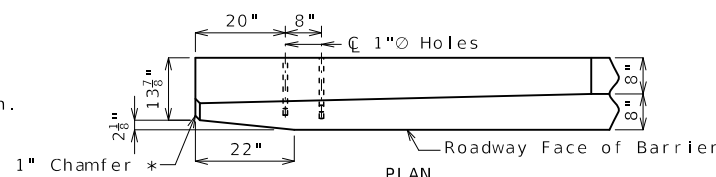
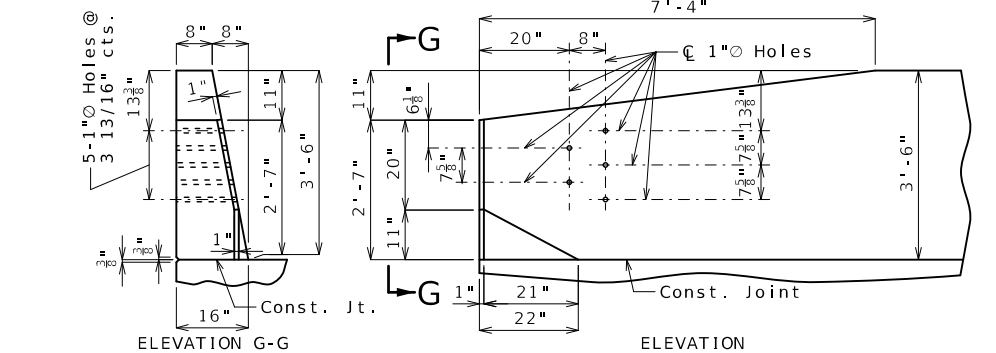
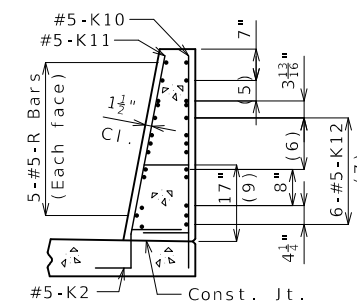
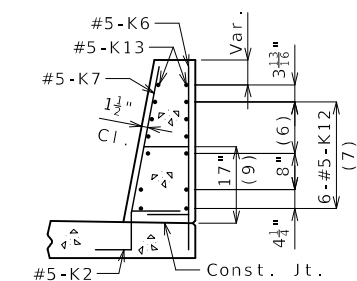
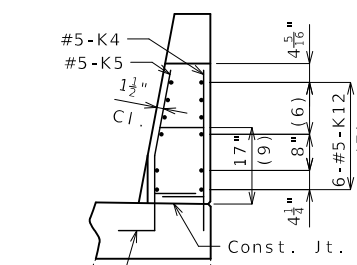
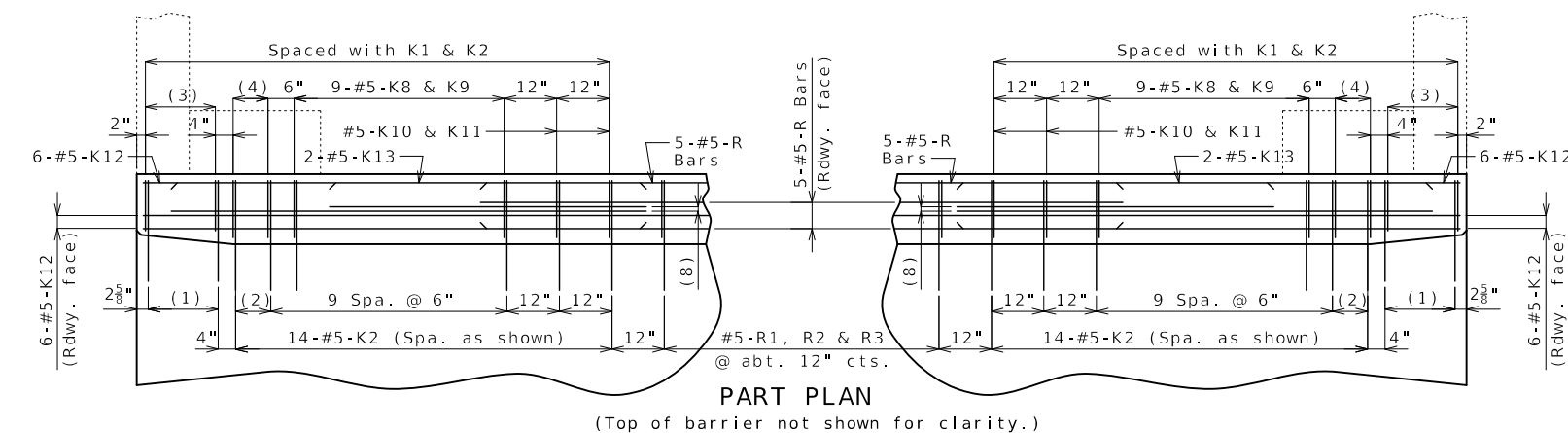
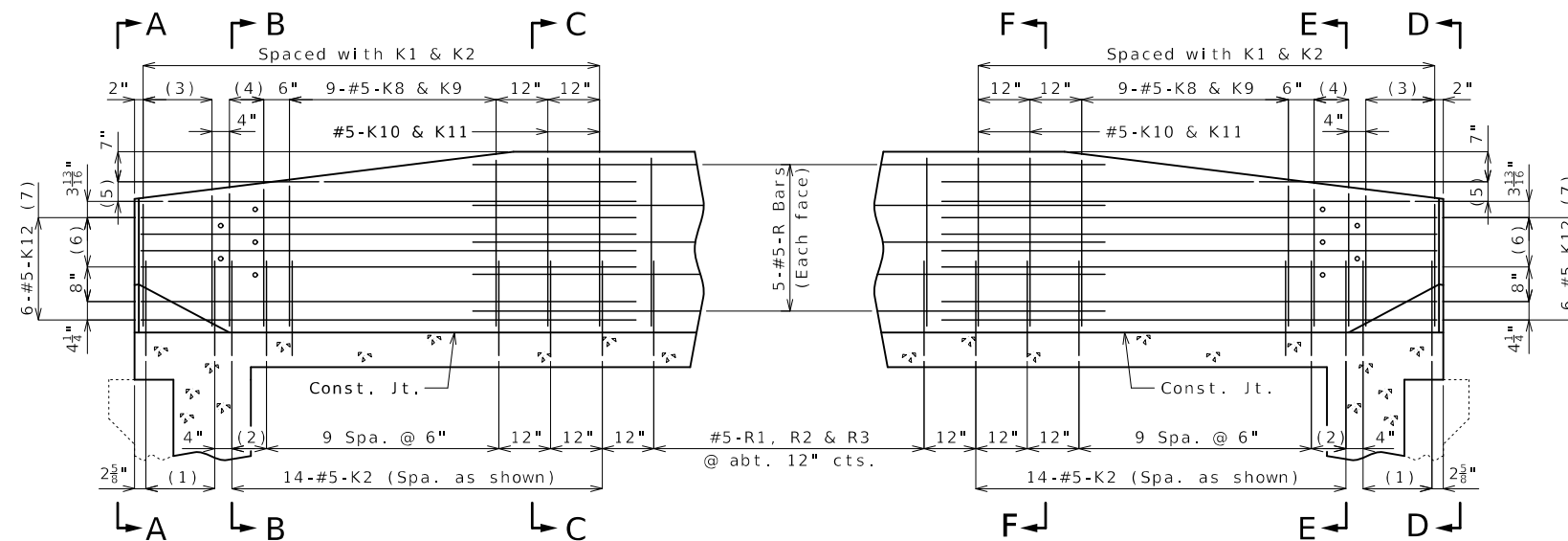
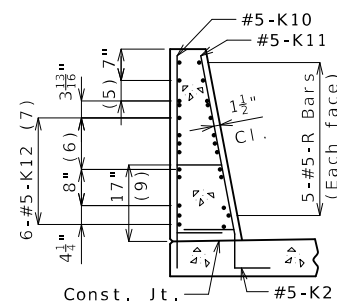
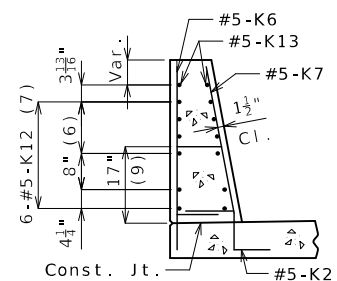
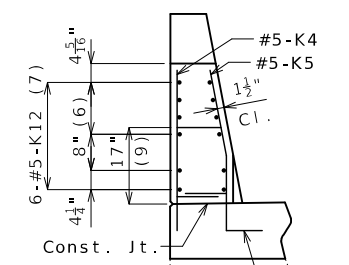
J3P3206

CONTRACT ID

		PROJECT NO.	
		BRIDGE NO.	
		A08082	
DATE	DESCRIPTION		

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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- * 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

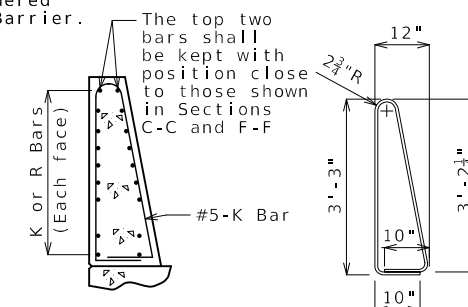
General Notes:

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

(Other K bars not shown for clarity)

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

All dimensions are out to out.



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ROUTE 65 SB	STATE MO
DISTRICT BR	SHEET NO. 7

COUNTY
PETTIS

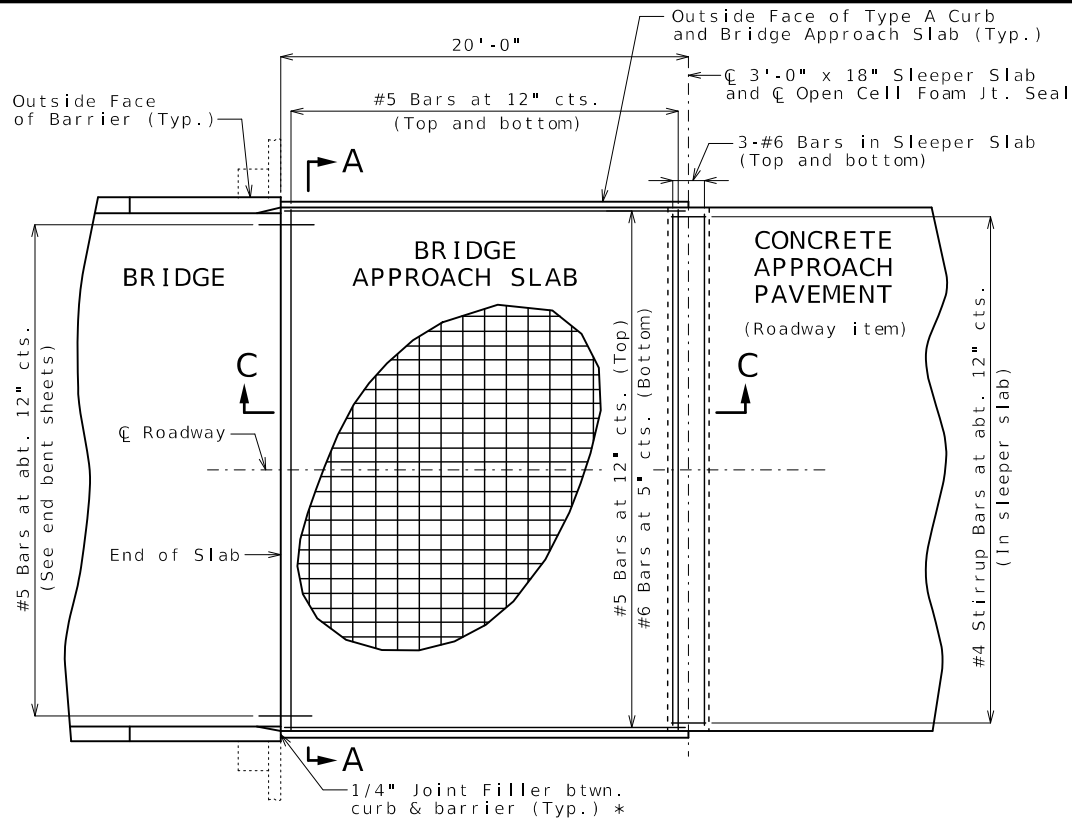
JOB NO.
J3P3206

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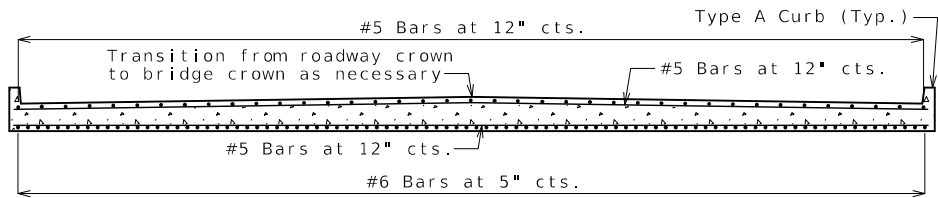
PROJECT NO.

BRIDGE NO.
A08082[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

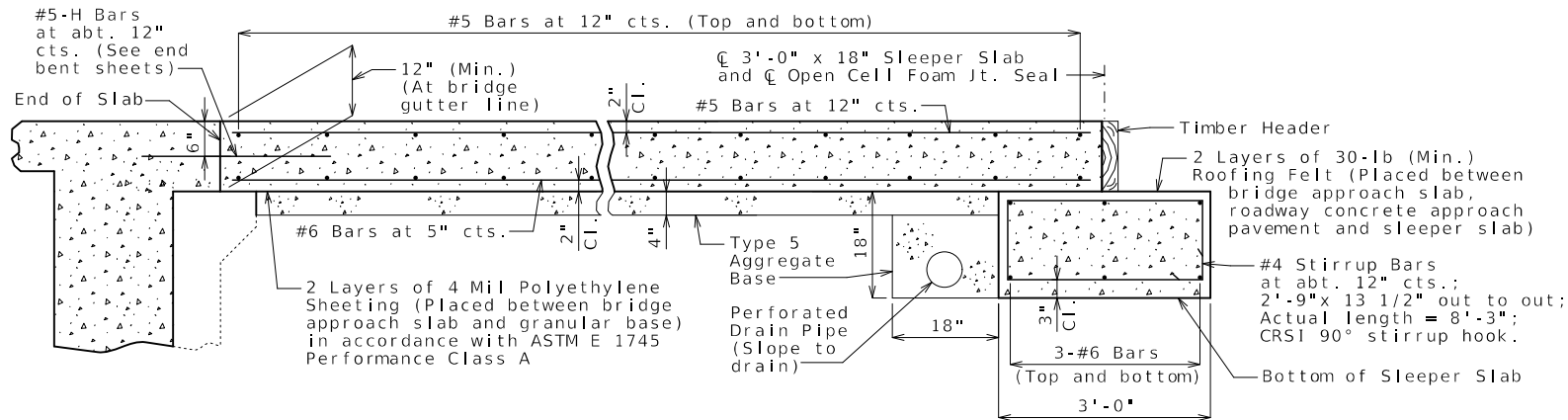
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PART PLAN SHOWING REINFORCEMENT

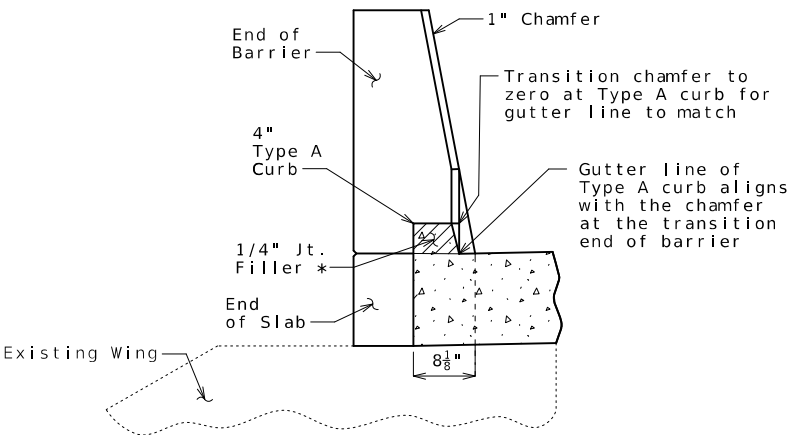


SECTION A-A

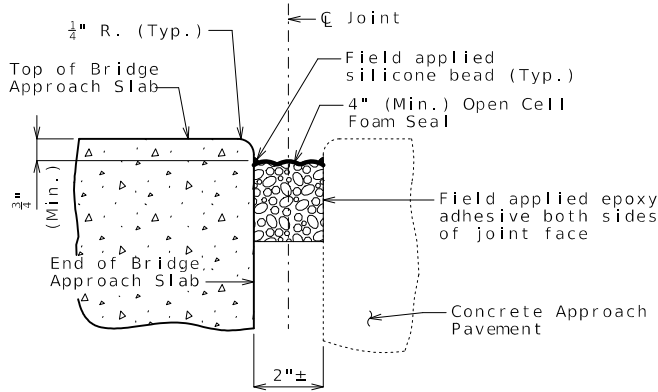


SECTION C-C

BRIDGE APPROACH SLAB (MAJOR)



SECTION BETWEEN CURB AND BARRIER



SECTION THRU JOINT AT END OF BRIDGE APPROACH SLAB

Extend seal full width of approach slab.
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.

General Notes:

All concrete for the bridge approach slab and sleeper slab shall be in accordance with Sec 503 ($f'c = 4,000$ psi).
The reinforcing steel in the bridge approach slab and the sleeper slab shall be epoxy coated Grade 60 with $f_y = 60,000$ psi.

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

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

The reinforcing steel in the bridge approach slab and the sleeper slab shall be continuous. The transverse reinforcing steel may be made continuous by providing a minimum lap splice of 24 inches for #5 bars and 40 inches for #6 bars, or by mechanical bar splice.

Mechanical bar splices shall be in accordance with Sec 710.

All joint filler shall be in accordance with Sec 1057 for preformed fiber expansion joint filler except as noted.

The contractor shall pour and satisfactorily finish the bridge slab before placing the bridge approach slab.

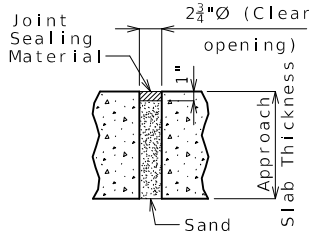
Longitudinal construction joints in approach slab and sleeper slab shall be aligned with longitudinal construction joints in bridge slab.

For concrete approach pavement details, see roadway plans.

See Missouri Standard Plan 609.00 for details of Type A curb.

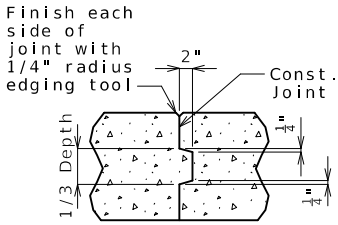
Payment for furnishing all materials, labor and excavation necessary to construct the approach slab, including the timber header, sleeper slab, underdrain, Type 5 aggregate base, joint filler and all other appurtenances and incidental work as shown on this sheet, complete in place, will be considered completely covered by the contract unit price for Bridge Approach Slab (Major) per square yard.

* 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.

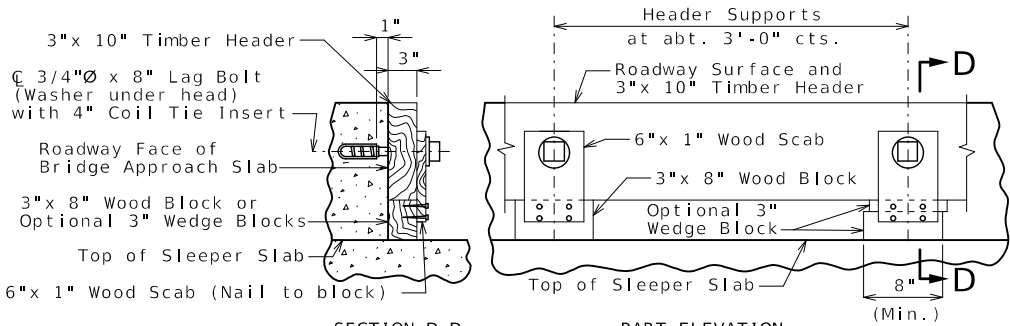


UNDERSEAL ACCESS HOLE DETAIL

(If required)



CONSTRUCTION JOINT DETAIL



SECTION D-D

PART ELEVATION

DETAILS OF TIMBER HEADER

Remove timber header when concrete pavement is placed.



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10/30/2025

ROUTE 65 SB STATE MO

DISTRICT BR SHEET NO. 8

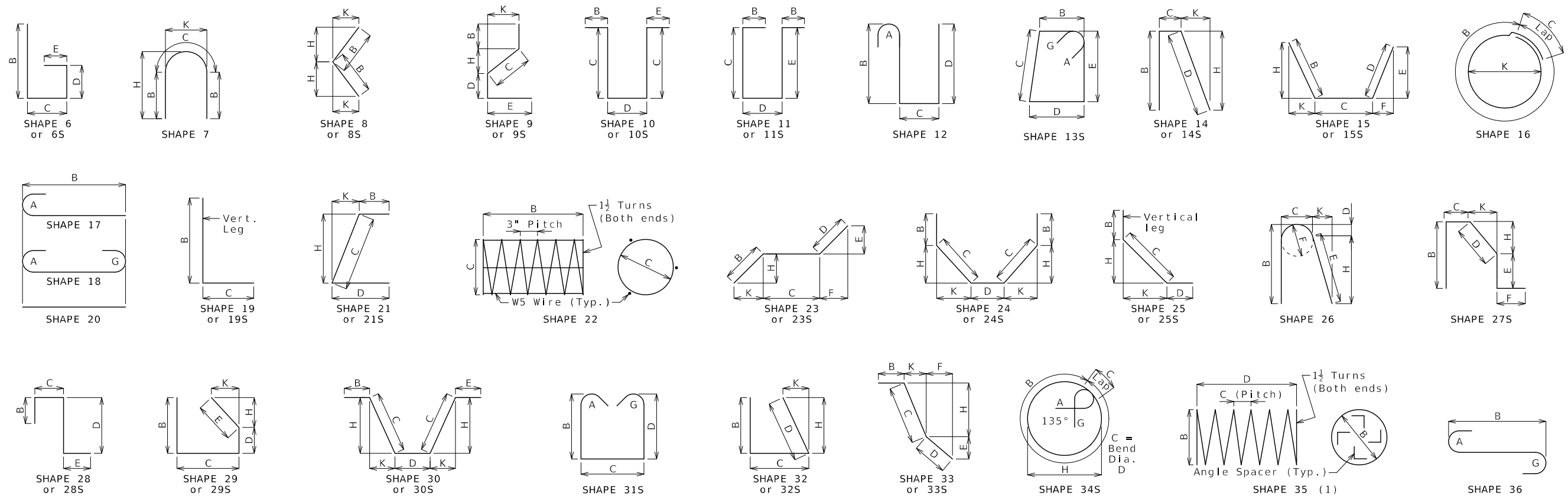
COUNTY PETTIS

JOB NO. J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A08082



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	3¾"	10"	7"	5"
#6	1	4¼"	12"	8¼"	6"
#7	2	5¼"	14"	9¾"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¼"	28½"

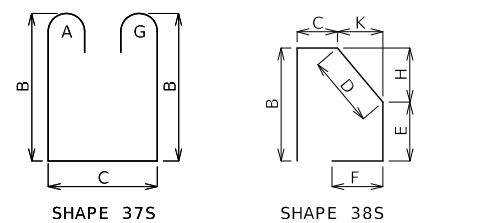
Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G			H	J
			90°	135°	180°	135°	180°
#4	2	2"	4½"	4½"	5"	2⅞"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6¼"	7"	3⅝"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

6d for #4 & #5,
12d for #6

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

	Reinforcing Steel Totals (Pounds)							
	Size	Substructure		Superstructure			Entire Bridge	
		Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
By Size	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.

All dimensions are out to out.

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.

(1) Shall be a deformed or plain spiral bar or wire.

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.



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ROUTE 65 SB	STATE MO
DISTRICT BR	SHEET NO. 9

COUNTY
PETTIS

JOB NO.
J3P3206

CONTRACT ID.

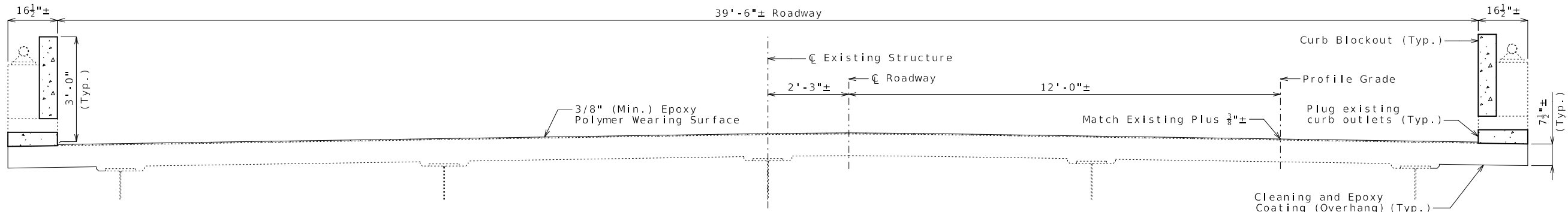
PROJECT NO.

BRIDGE NO.
A08082

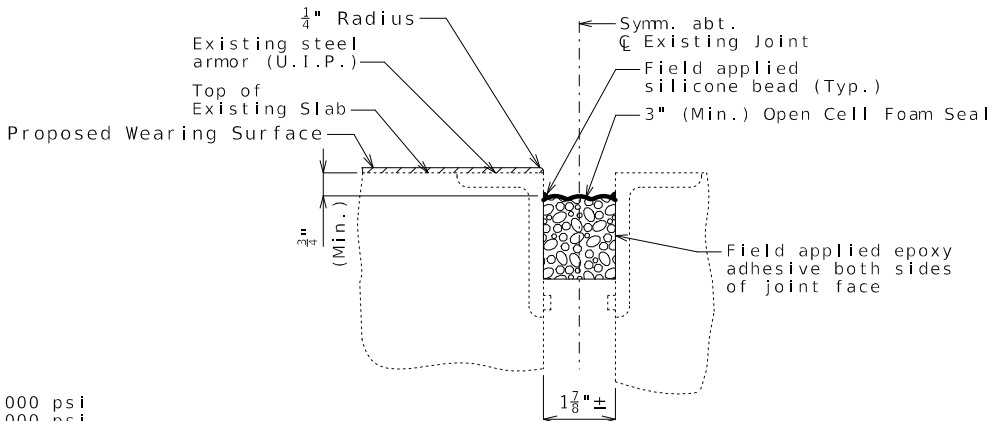
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JEFFERSON CITY, MO 65102
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U.I.P. AND REHABILITATE (74'-92'-74') CONTINUOUS COMPOSITE PLATE GIRDER SPANS (SKEW: SQUARE)



TYPICAL SECTION THRU EXISTING DECK

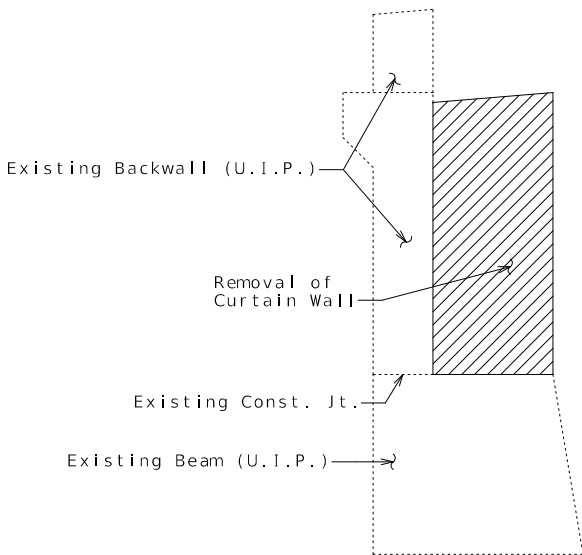


SECTION THRU JOINT AT BENTS NO. 1 & 4

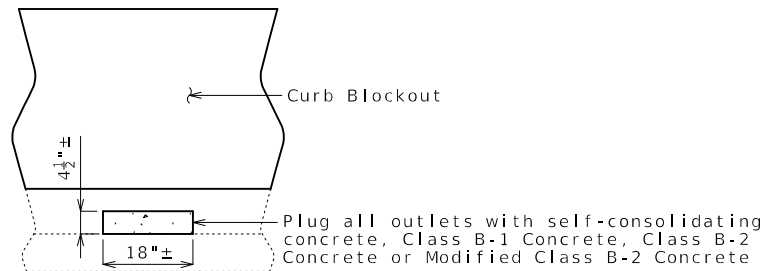
Extend seal 3" past edges of slab.

Open Cell Foam Joint Seal width shall be 3" (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.



TYPICAL SECTION THRU EXISTING END BENT SHOWING CONCRETE REMOVAL



PART ELEVATION SHOWING PLUGGING OF CURB OUTLETS

Proposed 3/8" Epoxy Polymer Wearing Surface not shown for clarity.

Cost of labor and materials required to plug existing curb outlets will be considered completely covered by the contract unit price for Plugging Existing Curb Outlets.

Estimated material to fill all curb outlets is 0.9 cubic yards (for information only).

Estimated Quantities

Item	Quantity
Partial Removal of Substructure Concrete	1
Epoxy Polymer Wearing Surface	1053
Curb Blockout	531
Self Consolidating Concrete	31.1
Cleaning and Epoxy Coating	1680
Plugging Existing Curb Outlets	30
Reinforcing Steel (Epoxy Coated)	1,280
Protective Coating - Concrete Bents and Piers (Epoxy)	1
Temporary Falsework	1
Cored Slab Drains	26
Open Cell Foam Joint Seal	79

REPAIRS TO BRIDGE: ROUTE 65 OVER TURKEY CREEK

ROUTE 65 FROM ROUTE HH TO ROUTE J
ABOUT 5.0 MILES NORTH OF ROUTE HH
BEGINNING STATION 474+55.00 (MATCH EXISTING ±)

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 6

Design Loading:

HS20-44 (1973 & New Construction)

Design Unit Stresses:

Self Consolidating Concrete (End Bents) $f'_c = 4,000$ psi
Class B-1 Concrete (Curb Blockout) $f'_c = 4,000$ psi
Reinforcing Steel (ASTM A615 Grade 60) $f_y = 60,000$ psi

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Miscellaneous:

Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible.

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (Roadway Item).

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

The contractor shall exercise care to ensure spillage over joint edges is prevented and that a neat line is obtained along any terminating edge of the seal coat.

Asbestos (Friability Category II NF) has been detected in the insulation compound between the top of the existing concrete parapet and the base of the existing handrail posts. The contractor has the option to remove the handrail and posts or leave in place. Should the contractor elect to remove the handrail and posts, the contractor will be required to use a licensed abatement contractor during the removal. No direct payment will be made for removal of the handrail and posts, or for asbestos abatement. The described work will be considered completely covered by the contract unit price for other items in the contract.

All joint filler shall be in accordance with Sec 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Curtain wall reinforcement to be cut off one inch below concrete removal surface and the resulting holes filled with a qualified special mortar.

A smooth level surface shall be provided at the End Bent removal line.

SCC = Self-consolidating Concrete

Traffic Handling:

Structure to be closed during construction. Traffic to be maintained on adjacent structure during construction. See roadway plans for traffic control.

Designed Apr. 2025
Detailed Apr. 2025
Checked July 2025

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

Sheet No. 1 of 6



THIS SHEET HAS BEEN
SIGNED, SEALED, AND DATED
ELECTRONICALLY

DATE PREPARED
10/30/2025

ROUTE 65 NB STATE MO

DISTRICT BR SHEET NO. 1

COUNTY PETTIS

JOB NO. J3P3206

CONTRACT ID.

PROJECT NO.

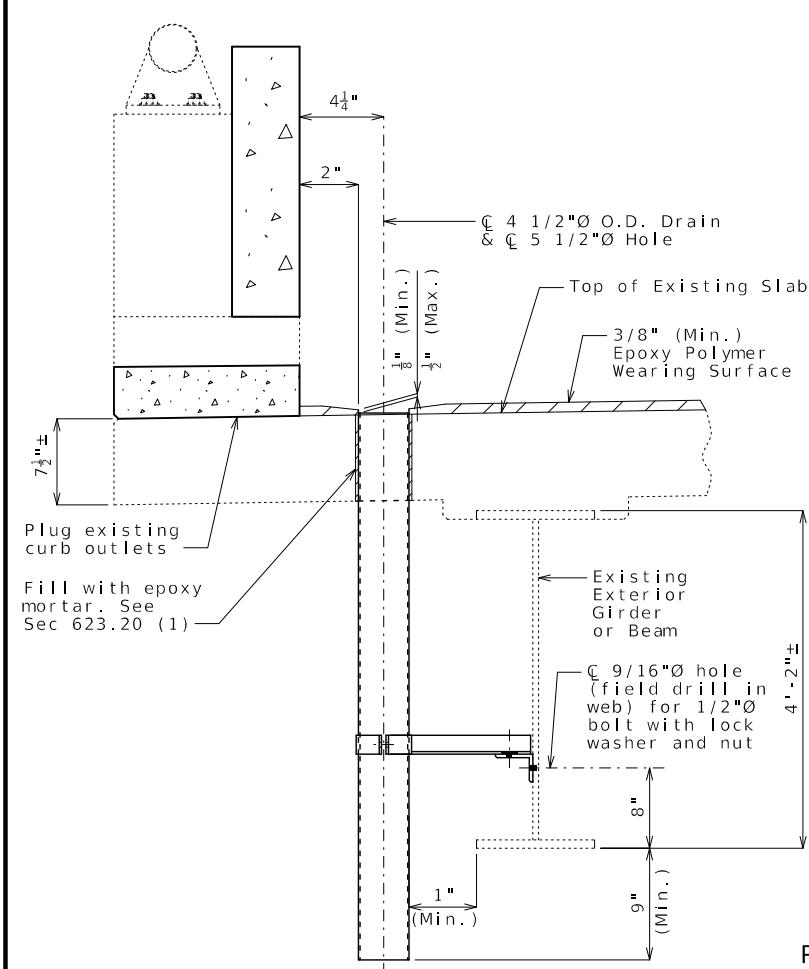
BRIDGE NO. A30391

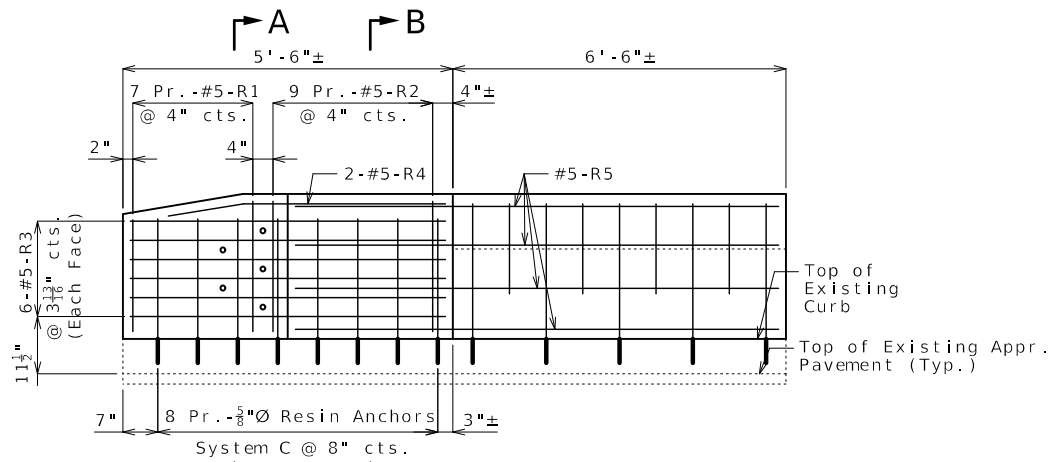
DESCRIPTION	DATE

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

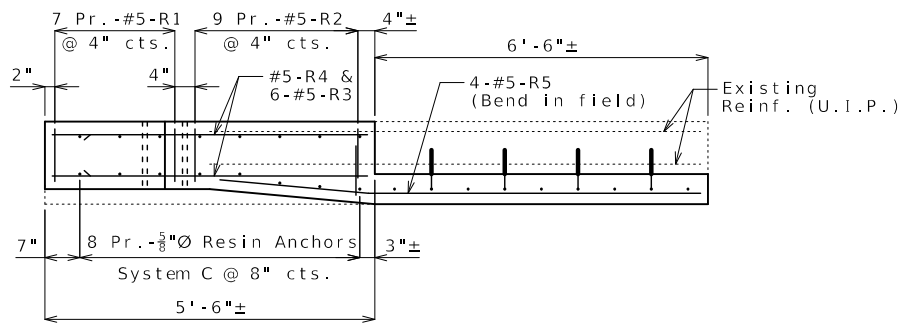




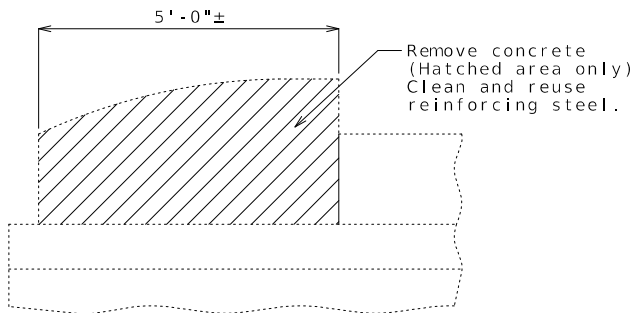




ELEVATION SHOWING REINFORCEMENT
(Right End Post at End Bent No. 1 similar)

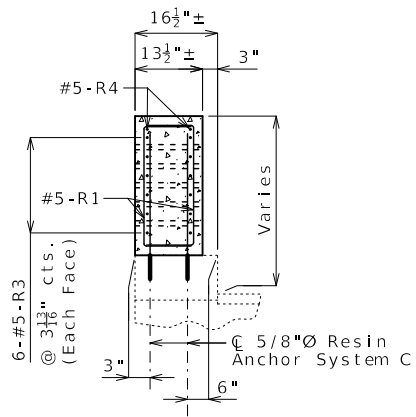


PLAN SHOWING REINFORCEMENT
LEFT END POST AT END BENT NO. 1

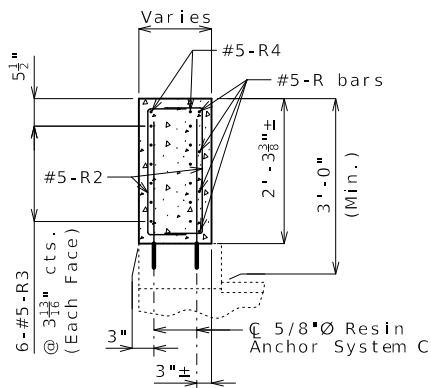


PART ELEVATION SHOWING END POST
CONCRETE REMOVAL

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



SECTION A-A



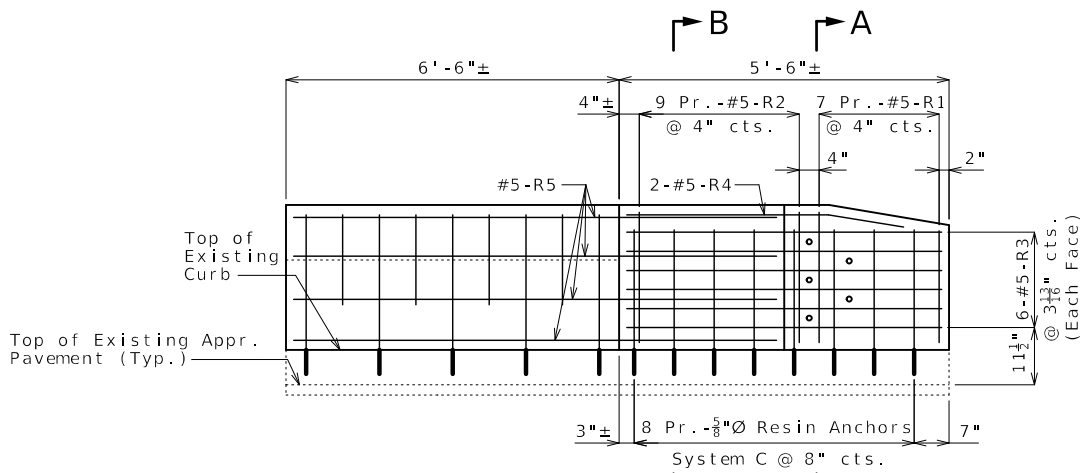
SECTION B-B

Notes:

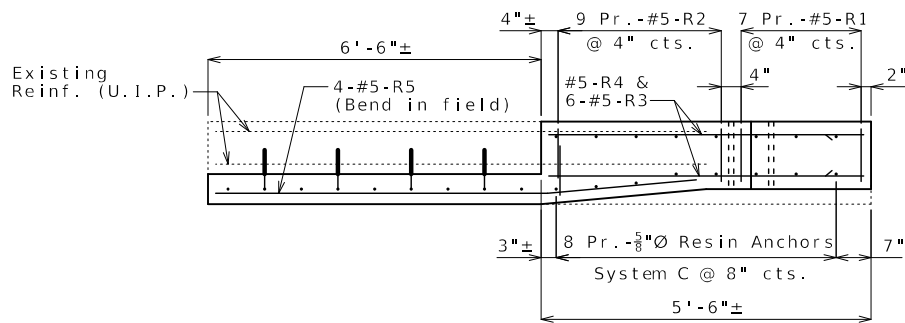
Work this sheet with Sheet No. 4.

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

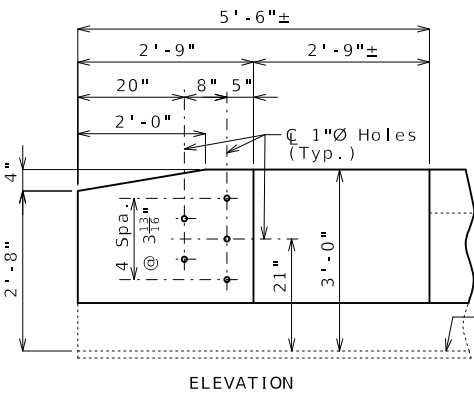
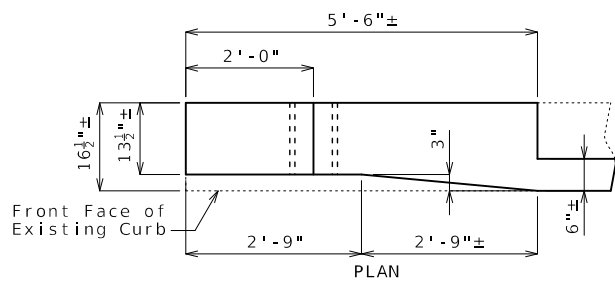
Resin anchors shall be shifted or bent in field to clear one-inch diameter holes by at least 1/2 inch.



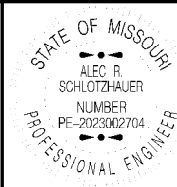
ELEVATION SHOWING REINFORCEMENT
(Right End Post at End Bent No. 4 similar)



PLAN SHOWING REINFORCEMENT
LEFT END POST AT END BENT NO. 4



DETAILS OF END POST AND
GUARD RAIL ATTACHMENT



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DATE PREPARED

10/30/2025

ROUTE 65 NB STATE MO

DISTRICT BR SHEET NO. 5

COUNTY PETTIS

JOB NO. J3P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A30391

DESCRIPTION

DATE

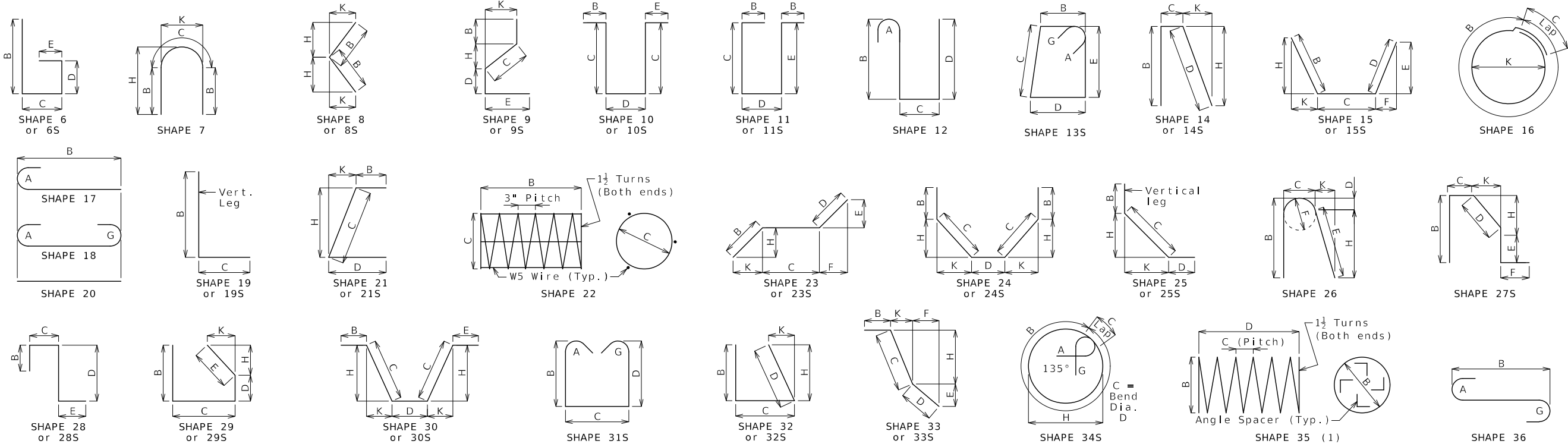
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT



Finished Bend Diameters 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 3/8"	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"	

Detailing Dimension

Detailing Dimension

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 3/4"	5 3/4"	5 3/4"	5 3/4"	3 3/8"
	3	3 3/4"	6 1/4"	6 1/2"	7"	3 7/8"
#6	1	4 1/2"	12"	7 3/4"	8 1/4"	4 5/8"

6d for #4 & #5, 12d for #6

Detailing Dimension

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.

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

All bars shall be ASTM A615 Grade 60.

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

Bill of Reinforcing Steel														
No. Req.	Size/ Mark	Location	Codes			Dimensions						Nom. Length	Actual Length	Weight
						B	C	D	E	F	H			
			C	SH	V	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	lb
16	6 H100	End Bent 1	E	20		45 8.00						45 11	45 10	1,097
28	6 H101	DIAPHRAGM	E	10S			12.00	20.00				3 11	3 10	140
8	5 V100	DIAPHRAGM	E	20		4 9.00						4 11	4 10	40
		Curb Blockout												
56	5 R1	CURB BLOCKOUT	E	10S	8		10.50	23.50				3 11	3 10	
		Incr. = 0.625"					10.50	19.50				3 5	3 2	195
72	5 R2	CURB BLOCKOUT	E	10S			10.50	23.50				3 11	3 10	263
48	5 R3	CURB BLOCKOUT	E	20		5 3.00						5 3	5 3	263
8	5 R4	CURB BLOCKOUT	E	20		5 0.00						5 11	5 10	42
16	5 R5	CURB BLOCKOUT	E	20		9 0.00						9 11	9 10	150
16	5 R6	CURB BLOCKOUT	E	20		32 7.00						32 11	32 10	544
16	5 R7	CURB BLOCKOUT	E	20		32 8.00						32 11	32 10	545
32	5 R8	CURB BLOCKOUT	E	20		12 0.00						12	12	401
16	5 R9	CURB BLOCKOUT	E	20		35 2.00						35 11	35 10	587

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.

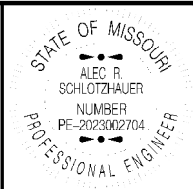
Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

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)						
		Substructure		Superstructure			Entire Bridge	
		Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
By	5	0	0	40	3,685	0	0	3,725
Size	6	0	0	1,237	0	0	0	1,237
	By Type	0	0	1,277	3,685	0	0	4,962

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

BENDING DIAGRAMS AND REINFORCING STEEL TOTALS



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10/30/2025

ROUTE STATE

65 NB MO

DISTRICT SHEET NO.

BR 6

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

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