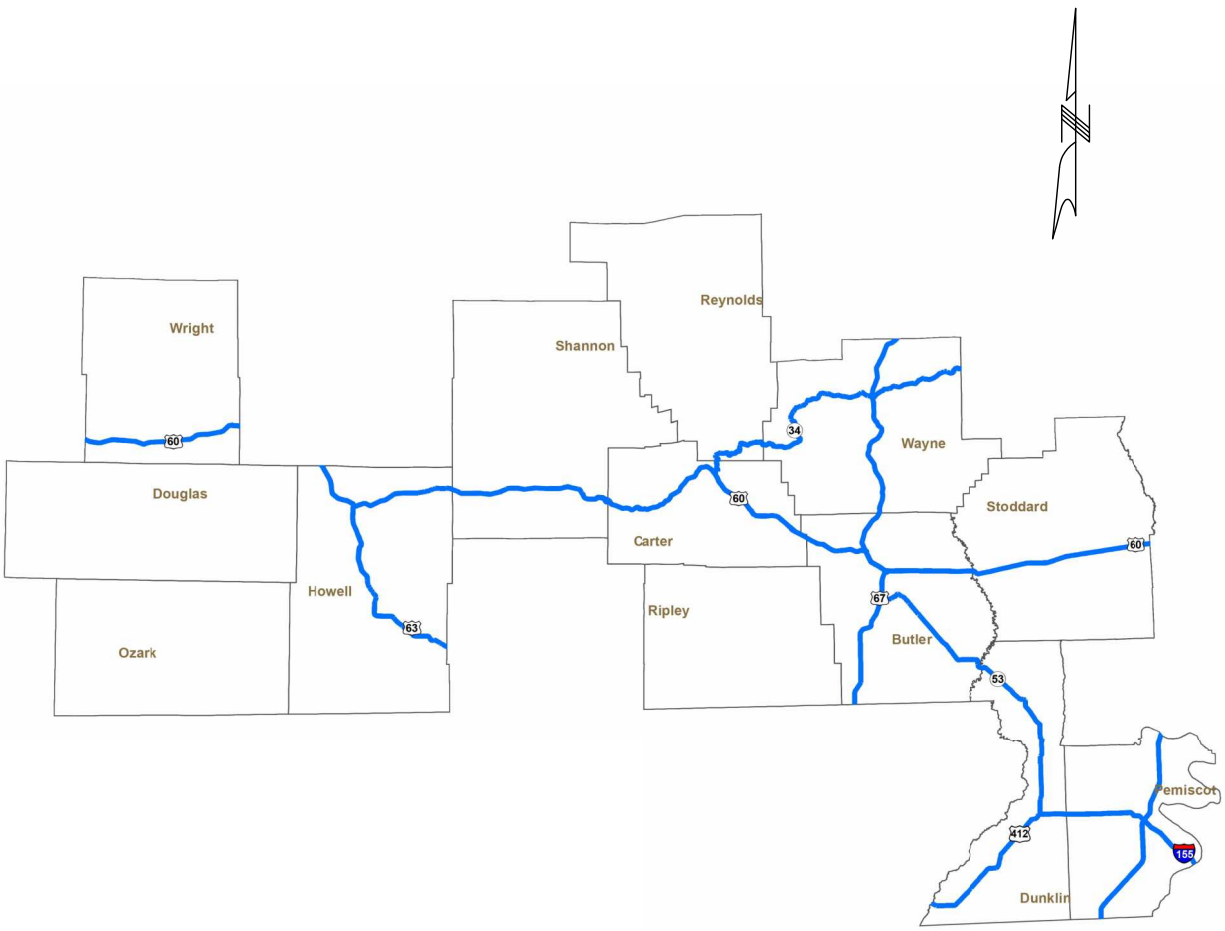


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
VARIOUS COUNTIES
SOUTHEAST DISTRICT

NO NEW RIGHT OF WAY



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

ET2000 PLUS END TERMINAL REPLACEMENT

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
QUANTITIES (QU) (6 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4
TRAFFIC CONTROL SHEETS (TC)-----	5-9
SIGNING (SN)-----	10-11
BRIDGE DRAWINGS (B)	
A04544-----	1-4
A14653-----	1-4
A19363-----	1-4
A19423-----	1-4
B04361,B04381,B04521,B04641 B04811,B04831,B04911,B05031 B05351,B05811	1-4

LENGTH OF PROJECT

BUTLER COUNTY (16 LOCATIONS)		PEMISCOT COUNTY (12 LOCATIONS)	
US 60 EB (1 LOCATION)	227.04 FEET	MO 84 (4 LOCATIONS)	728.64 FEET
US 67 SB (3 LOCATIONS)	781.44 FEET	I-55 SB (1 LOCATION)	337.92 FEET
MO 142 (2 LOCATIONS)	158.40 FEET	I-55 NB (7 LOCATIONS)	2228.16 FEET
RTE AA (3 LOCATIONS)	448.80 FEET	APPARENT LENGTH	3294.72 FEET
RTE PP (3 LOCATIONS)	501.60 FEET	REYNOLDS COUNTY (1 LOCATION)	
CST OAK GROVE RD (3 LOCATIONS)	327.36 FEET	RTE HH (1 LOCATION)	264.00 FEET
RP CST OAK GROVE RD (1 LOCATION)	163.68 FEET	APPARENT LENGTH	264.00 FEET
APPARENT LENGTH	2608.32 FEET	RIPLEY COUNTY (4 LOCATIONS)	
CARTER COUNTY (13 LOCATIONS)		RTE K (4 LOCATIONS)	528.00 FEET
MO 21 (3 LOCATIONS)	401.28 FEET	APPARENT LENGTH	528.00 FEET
US 60 WB (9 LOCATIONS)	1731.84 FEET	SHANNON COUNTY (4 LOCATIONS)	
US 60 EB (1 LOCATION)	73.92 FEET	RTE E (2 LOCATIONS)	401.28 FEET
APPARENT LENGTH	2207.04 FEET	MO 106 (1 LOCATION)	73.92 FEET
DOUGLAS COUNTY (13 LOCATIONS)		US 60 WB (1 LOCATION)	73.92 FEET
MO 14 (4 LOCATIONS)	506.88 FEET	APPARENT LENGTH	549.12 FEET
MO 76 (9 LOCATIONS)	1066.56 FEET	STODDARD COUNTY (7 LOCATIONS)	
APPARENT LENGTH	1573.44 FEET	RTE E (4 LOCATIONS)	580.80 FEET
DUNKLIN COUNTY (2 LOCATIONS)		MO 51 (3 LOCATIONS)	681.12 FEET
RTE P (2 LOCATIONS)	348.48 FEET	APPARENT LENGTH	1261.92 FEET
APPARENT LENGTH	348.48 FEET	WAYNE COUNTY (18 LOCATIONS)	
HOWELL COUNTY (2 LOCATIONS)		US 67 SB (9 LOCATIONS)	1694.88 FEET
RTE AP (1 LOCATION)	73.92 FEET	RTE FF (1 LOCATION)	73.92 FEET
US 63 (1 LOCATION)	163.68 FEET	US 67 NB (6 LOCATIONS)	1251.36 FEET
APPARENT LENGTH	237.60 FEET	RTE D (2 LOCATIONS)	364.32 FEET
OZARK COUNTY (2 LOCATIONS)		APPARENT LENGTH	3384.48 FEET
RTE 95 (2 LOCATIONS)	348.48 FEET	WRIGHT COUNTY (4 LOCATIONS)	
APPARENT LENGTH	348.48 FEET	RTE H (4 LOCATIONS)	528.00 FEET
		APPARENT LENGTH	528.00 FEET

NET LENGTH OF PROJECT	17133.6 FEET
STATE LENGTH	3.245 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0 ACRES

STATE OF MISSOURI
LANDON BODENSCHULTZ
NUMBER
PE-2013019021
PROFESSIONAL ENGINEER

Landon Bodenschultz
07/21/2026 1:13:40 PM
LANDON BODENSCHULTZ - CIVIL
MCPE-2013019021

DATE PREPARED
7/20/2026

ROUTE
VAR

STATE
MO

DISTRICT
SE

SHEET NO.
1

COUNTY
VARIOUS

JOB NO.
JST0144B

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)

REMOVAL OF IMPROVEMENTS					
LOG MI	ROUTE	COUNTY	LOC	DESCRIPTION	REMARKS
259.755-259.776	RTE 60 EB	BUTLER	RT	100' OF GUARDRAIL	SIGN TRUSS FOOTING
175.125-175.139	RTE 67 SB	BUTLER	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
187.584-187.647	RTE 67 SB	BUTLER	LT	412.5' OF GUARDRAIL	BOX CULVERT
188.084-188.149	RTE 67 SB	BUTLER	LT	412.5' OF GUARDRAIL	BOX CULVERT
107.192	RTE 142 EB	BUTLER	LT	62.5' OF GUARDRAIL	BR B0581 (NORTHWEST QUAD)
107.192	RTE 142 EB	BUTLER	RT	125' OF GUARDRAIL	BR B0581 (SOUTHWEST QUAD)
10.433	RTE AA SB	BUTLER	LT	62.5' OF GUARDRAIL	BR B0491 (NORTHWEST QUAD)
10.430	RTE AA SB	BUTLER	RT	62.5' OF GUARDRAIL	BR B0491 (SOUTHWEST QUAD)
10.449	RTE AA SB	BUTLER	LT	62.5' OF GUARDRAIL	BR B0491 (NORTHEAST QUAD)
8.820	RTE PP EB	BUTLER	LT	75' OF GUARDRAIL	BR A7967 (NORTHWEST QUAD)
8.820	RTE PP EB	BUTLER	RT	125' OF GUARDRAIL	BR A7967 (SOUTHWEST QUAD)
8.866	RTE PP EB	BUTLER	RT	75' OF GUARDRAIL	BR A7967 (SOUTHEAST QUAD)
0.819	CST OAK GROVE RD EB	BUTLER	LT	150' OF GUARDRAIL	BR A5521 (NORTHWEST QUAD)
0.822	CST OAK GROVE RD EB	BUTLER	RT	150' OF GUARDRAIL	BR A7977 (SOUTHWEST QUAD)
0.873	CST OAK GROVE RD EB	BUTLER	RT	150' OF GUARDRAIL	BR A7977 (SOUTHEAST QUAD)
0.281-0.290	RP OAK GROVE RD TO RTE 67 NB	BUTLER	RT	END TERMINAL (50')	EXTENDING GUARDAIL/ATTACH TO EXISTING RUN OF GUARDRAIL
166.280	RTE 21 SB	CARTER	LT	62.5' OF GUARDRAIL	BR B0464 (NORTHEAST QUAD)
166.280	RTE 21 SB	CARTER	RT	62.5' OF GUARDRAIL	BR B0464 (NORTHWEST QUAD)
166.302	RTE 21 SB	CARTER	LT	62.5' OF GUARDRAIL	BR B0464 (SOUTHEAST QUAD)
112.728-112.742	RTE 60 WB	CARTER	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
113.415-113.429	RTE 60 WB	CARTER	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
113.967-113.981	RTE 60 WB	CARTER	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
114.311-114.325	RTE 60 WB	CARTER	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
114.689-114.703	RTE 60 WB	CARTER	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
114.810-114.824	RTE 60 WB	CARTER	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
115.389-115.403	RTE 60 WB	CARTER	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
117.354-117.570	RTE 60 WB	CARTER	RT	1175' OF GUARDRAIL	SLOPE PROTECTION
119.555-119.569	RTE 60 WB	CARTER	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
224.626-224.640	RTE 60 EB	CARTER	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
89.455	RTE 14 EB	DOUGLAS	LT	62.5' OF GUARDRAIL	BR B0436 (NORTHEAST QUAD)
89.458	RTE 14 EB	DOUGLAS	RT	62.5' OF GUARDRAIL	BR B0436 (NORTHWEST QUAD)
89.505	RTE 14 EB	DOUGLAS	RT	87.5' OF GUARDRAIL	BR B0436 (SOUTHEAST QUAD)
89.508	RTE 14 EB	DOUGLAS	RT	62.5' OF GUARDRAIL	BR B0436 (SOUTHWEST QUAD)
154.101	RTE 76 EB	DOUGLAS	LT	62.5' OF GUARDRAIL	BR B0439 (NORTHWEST QUAD)
154.135	RTE 76 EB	DOUGLAS	LT	62.5' OF GUARDRAIL	BR B0439 (NORTHEAST QUAD)
154.135	RTE 76 EB	DOUGLAS	RT	62.5' OF GUARDRAIL	BR B0439 (SOUTHEAST QUAD)
192.127-192.135	RTE 76 EB	DOUGLAS	LT	3 OBJECT MARKERS/POSTS/ANCHORS	BR B0438 (NORTHWEST QUAD)
192.135	RTE 76 EB	DOUGLAS	RT	62.5' OF GUARDRAIL	BR B0438 (SOUTHWEST QUAD)
192.152	RTE 76 EB	DOUGLAS	LT	62.5' OF GUARDRAIL	BR B0438 (NORTHEAST QUAD)
192.152-192.160	RTE 76 EB	DOUGLAS	RT	3 OBJECT MARKERS/POSTS/ANCHORS	BR B0438 (SOUTHEAST QUAD)
197.659	RTE 76 EB	DOUGLAS	LT	75' OF GUARDRAIL	BR T0756 (NORTHWEST QUAD)
197.659	RTE 76 EB	DOUGLAS	RT	75' OF GUARDRAIL	BR T0756 (SOUTHWEST QUAD)
197.698	RTE 76 EB	DOUGLAS	LT	162.5' OF GUARDRAIL	BR T0756 (NORTHEAST QUAD)
197.698	RTE 76 EB	DOUGLAS	RT	162.5' OF GUARDRAIL	BR T0756 (SOUTHEAST QUAD)
1.029-1.037	RTE P EB	DUNKLIN	LT	3 OBJECT MARKERS/POSTS/ANCHORS	BR B0503 (SOUTHWEST QUAD)
1.050	RTE P EB	DUNKLIN	RT	62.5' OF GUARDRAIL	BR B0503 (SOUTHEAST QUAD)
1.063	RTE P EB	DUNKLIN	LT	62.5' OF GUARDRAIL	BR B0503 (NORTHWEST QUAD)
1.075-1.083	RTE P EB	DUNKLIN	RT	3 OBJECT MARKERS/POSTS/ANCHORS	BR B0503 (NORTHEAST QUAD)
3.589-3.603	RTE AP SB	HOWELL	LT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
29.825	RTE 63 NB	HOWELL	RT	100' OF GUARDRAIL	BR A5533 (SOUTHEAST QUAD)
81.311-81.319	RTE 95 SB	OZARK	LT	3 OBJECT MARKERS/POSTS/ANCHORS	BR B0452 (NORTHEAST QUAD)
81.317	RTE 95 SB	OZARK	RT	62.5' OF GUARDRAIL	BR B0452 (NORTHWEST QUAD)
81.369	RTE 95 SB	OZARK	LT	62.5' OF GUARDRAIL	BR B0452 (SOUTHEAST QUAD)
81.367-81.375	RTE 95 SB	OZARK	LT	3 OBJECT MARKERS/POSTS/ANCHORS	BR B0452 (SOUTHWEST QUAD)
				CONTINUE TO NEXT PAGE	
LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.					

STATE OF MISSOURI

LONDON BODENSCHNITZ

NUMBER
PE-2013019021

PROFESSIONAL ENGINEER

Landon Bodenschultz
06/26/2026 9:43:00 AM
LONDON BODENSCHNITZ - CIVIL
MO-PE-2013019021

DATE PREPARED
6/25/2026

ROUTE
VAR

STATE
MO

DISTRICT
SE

SHEET NO.
3

COUNTY
VARIOUS

JOB NO.
JST0144B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION									

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



REMOVAL OF IMPROVEMENTS CONT'D					
LOG MI	ROUTE	COUNTY	LOC	DESCRIPTION	REMARKS
22.202	RTE 84 EB	PEMISCOT	LT	62.5' OF GUARDRAIL	BR A1465 (NORTHWEST QUAD)
22.202	RTE 84 EB	PEMISCOT	RT	62.5' OF GUARDRAIL	BR A1465 (SOUTHWEST QUAD)
22.252	RTE 84 EB	PEMISCOT	LT	62.5' OF GUARDRAIL	BR A1465 (NORTHEAST QUAD)
22.252	RTE 84 EB	PEMISCOT	RT	175' OF GUARDRAIL	BR A1465 (SOUTHEAST QUAD)
193.946	I-55 SB	PEMISCOT	RT	337.5' OF GUARDRAIL	BR F0175 (NORTHWEST QUAD)
1.062-1.211	I-55 NB	PEMISCOT	RT	775' OF GUARDRAIL	PROTECTS OVERPASS PIERS
1.895	I-55 NB	PEMISCOT	LT	287.5' OF GUARDRAIL	BR A0454 (SOUTHWEST QUAD)
1.895	I-55 NB	PEMISCOT	RT	250' OF GUARDRAIL	BR A0454 (SOUTHEAST QUAD)
4.190	I-55 NB	PEMISCOT	LT	275' OF GUARDRAIL	BR A1942 (SOUTHWEST QUAD)
4.185	I-55 NB	PEMISCOT	RT	250' OF GUARDRAIL	BR A1942 (SOUTHEAST QUAD)
8.960	I-55 NB	PEMISCOT	LT	300' OF GUARDRAIL	BR A1936 (SOUTHWEST QUAD)
8.948	I-55 NB	PEMISCOT	RT	237.5' OF GUARDRAIL	BR A1936 (SOUTHEAST QUAD)
7.170-7.220	RTE HH EB	REYNOLDS	LT	262.5' OF GUARDRAIL	SLOPE PROTECTION
15.816	RTE K SB	RIPLEY	LT	62.5' OF GUARDRAIL	BR B0481 (NORTHEAST QUAD)
15.816	RTE K SB	RIPLEY	RT	87.5' OF GUARDRAIL	BR B0481 (NORTHWEST QUAD)
15.869	RTE K SB	RIPLEY	LT	62.5' OF GUARDRAIL	BR B0481 (SOUTHEAST QUAD)
15.869	RTE K SB	RIPLEY	RT	62.5' OF GUARDRAIL	BR B0481 (SOUTHWEST QUAD)
3.209-3.217	RTE E SB	SHANNON	LT	3 OBJECT MARKERS/POSTS/ANCHORS	BR B0483 (NORTHEAST QUAD)
3.217	RTE E SB	SHANNON	RT	62.5' OF GUARDRAIL	BR B0483 (NORTHWEST QUAD)
3.239	RTE E SB	SHANNON	LT	62.5' OF GUARDRAIL	BR B0483 (SOUTHEAST QUAD)
3.239-3.247	RTE E SB	SHANNON	RT	3 OBJECT MARKERS/POSTS/ANCHORS	BR B0483 (SOUTHWEST QUAD)
12.579-12.593	RTE 106 EB	SHANNON	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
129.877-129.891	RTE 60 WB	SHANNON	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
0.950	RTE E EB	STODDARD	LT	62.5' OF GUARDRAIL	BR B0535 (NORTHWEST QUAD)
0.950	RTE E EB	STODDARD	RT	62.5' OF GUARDRAIL	BR B0535 (SOUTHWEST QUAD)
0.966	RTE E EB	STODDARD	LT	62.5' OF GUARDRAIL	BR B0535 (NORTHEAST QUAD)
0.966	RTE E EB	STODDARD	RT	62.5' OF GUARDRAIL	BR B0535 (SOUTHEAST QUAD)
95.375	RTE 51 SB	STODDARD	LT	225' OF GUARDRAIL	BR A7029 (NORTHEAST QUAD)
95.428	RTE 51 SB	STODDARD	LT	200' OF GUARDRAIL	BR A7029 (SOUTHEAST QUAD)
95.428	RTE 51 SB	STODDARD	RT	200' OF GUARDRAIL	BR A7029 (SOUTHWEST QUAD)
134.857	RTE 67 SB	WAYNE	LT	387.5' OF GUARDRAIL	BR A7532 (NORTHEAST QUAD)
134.859	RTE 67 SB	WAYNE	RT	312.5' OF GUARDRAIL	BR A7532 (NORTHWEST QUAD)
143.473	RTE 67 SB	WAYNE	RT	325' OF GUARDRAIL	BR A7585 (NORTHWEST QUAD)
143.489	RTE 67 SB	WAYNE	RT	112.5' OF GUARDRAIL	BR A7585 (SOUTHWEST QUAD)
149.518-149.532	RTE 67 SB	WAYNE	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	BR A7384 (NORTHWEST QUAD)/ONLY REPLACING END TERMINAL
11.024-11.038	RTE FF SB	WAYNE	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
150.444-150.453	RTE 67 SB	WAYNE	RT	END TERMINAL (50')	REPLACING END TERMINAL WITH AN END ANCHOR
156.281-156.290	RTE 67 SB	WAYNE	LT	END TERMINAL (50')	BOX CULVERT PROTECTION/REPLACING END TERMINAL WITH AN END ANCHOR
156.833	RTE 67 SB	WAYNE	RT	375' OF GUARDRAIL	BR A7511 (NORTHWEST QUAD)
157.087-157.096	RTE 67 SB	WAYNE	LT	END TERMINAL (50')	BOX CULVERT PROTECTION/REPLACING END TERMINAL WITH AN END ANCHOR
50.263-50.279	RTE 67 NB	WAYNE	LT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
50.286-50.300	RTE 67 NB	WAYNE	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
52.563-52.577	RTE 67 NB	WAYNE	RT	END TERMINAL (50') PLUS 25' OF GUARDRAIL	ONLY REPLACING END TERMINAL
53.280	RTE 67 NB	WAYNE	RT	325' OF GUARDRAIL	BR A7564 (SOUTHEAST QUAD)
59.261	RTE 67 NB	WAYNE	LT	387.5' OF GUARDRAIL	BR A7553 (SOUTHWEST QUAD)
59.265	RTE 67 NB	WAYNE	RT	300' OF GUARDRAIL	BR A7553 (SOUTHEAST QUAD)
11.930	RTE D SB	WAYNE	LT	112.5' OF GUARDRAIL	BR A7365 (NORTHEAST QUAD)
11.934	RTE D SB	WAYNE	RT	275' OF GUARDRAIL	BR A7365 (NORTHWEST QUAD)
13.474	RTE H EB	WRIGHT	LT	75' OF GUARDRAIL	BR A7969 (NORTHWEST QUAD)
13.474	RTE H EB	WRIGHT	RT	75' OF GUARDRAIL	BR A7969 (SOUTHWEST QUAD)
13.556	RTE H EB	WRIGHT	LT	75' OF GUARDRAIL	BR A7969 (NORTHEAST QUAD)
13.556	RTE H EB	WRIGHT	RT	75' OF GUARDRAIL	BR A7969 (SOUTHEAST QUAD)
				LUMP SUM 1	
LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.					

CONCRETE BARRIER								
LOG MI	LOG MI	ROUTE	COUNTY	LOC	TYPE B CONCRETE TRAFFIC BARRIER FT	TYPE B CONCRETE TRAFFIC BARRIER MODIFIED MOMENT SLAB SY	TYPE B CONCRETE TRAFFIC BARRIER MODIFICATION EA	REMARKS
1.126	1.136	I-55 NB	PEMISCOT	RT	50	63	1	PROTECTS OVERPASS PIERS
				TOTAL	50	63	1	
LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.								

MOBILIZATION - LUMP SUM 1

STATE OF MISSOURI

LONDON BODENSCHATZ

NUMBER
PE-2013019021

PROFESSIONAL ENGINEER

Landon Bodenschatz

06/28/2026 9:48:22 AM

LONDON BODENSCHATZ - CIVIL

MO-PE-2013019021

DATE PREPARED
6/25/2026

ROUTE
VAR

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MO

SHEET NO.
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COUNTY
VARIOUS

JOB NO.
JST0144B

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DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

QUANTITY SHEET
SHEET 2 OF 6

TEMPORARY PAVEMENT MARKING								
				TEMPORARY REMOVABLE MARKING TAPE 24" WHITE LF	TEMPORARY REMOVABLE MARKING TAPE 4" WHITE LF	TEMPORARY REMOVABLE MARKING TAPE 4" YELLOW LF	PAVEMENT MARKING REMOVAL LF	REMARKS
LOG MI	LOG MI	ROUTE	COUNTY					
106.865	107.520	RTE 142 EB	BUTLER	20.0	917.4	4000.0	5802.0	BR B0581
10.094	10.595	RTE AA SB	BUTLER	20.0	1297.6	2000.0	5901.6	BR B0491
166.134	166.441	RTE 21 SB	CARTER	20.0	1255.4		4517.3	BR B0464
89.314	89.649	RTE 14 EB	DOUGLAS	20.0	1551.0		5108.6	BR B0436
191.989	192.298	RTE 76 EB	DOUGLAS	20.0	1276.4		4350.0	BR B0438
0.714	1.399	RTE P EB	DUNKLIN	20.0	1234.2	4000.0	6158.4	BR B0503
81.171	81.515	RTE 95 SB	OZARK	20.0	1646.0		5298.6	BR B0452
22.183	22.269	RTE 84 EB	PEMISCOT	24.0	1305.8		2235.6	BR A1465
15.480	16.015	RTE K SB	RIPLEY	20.0	1656.6	2000.0	8553.7	BR B0481
3.066	3.390	RTE E SB	SHANNON	20.0	1434.8		4876.2	BR B0483
0.801	1.115	RTE E EB	STODDARD	20.0	1329.2		4665.0	BR B0535
TOTAL				224	14905	12000	57467	
LOG MILES ARE APPROXIMATE.								

PERMANENT PAVEMENT MARKING						
LOG MI	LOG MI	ROUTE	COUNTY	CLASS 1 HIGH BUILD PAINT TYPE P BEADS		REMARKS
				4 " INT YELLOW LF	4 " SOLID YELLOW LF	
106.865	107.520	RTE 142 EB	BUTLER	864.6		BR B0581
10.094	10.595	RTE AA SB	BUTLER	517.1	2066.9	BR B0491
166.134	166.441	RTE 21 SB	CARTER		3241.9	BR B0464
89.314	89.649	RTE 14 EB	DOUGLAS		3537.6	BR B0436
191.989	192.298	RTE 76 EB	DOUGLAS	116.9	2936.7	BR B0438
0.714	1.399	RTE P EB	DUNKLIN	904.2		BR B0503
81.171	81.515	RTE 95 SB	OZARK		3632.6	BR B0452
22.183	22.269	RTE 84 EB	PEMISCOT	905.8		BR A1465
15.480	16.015	RTE K SB	RIPLEY	251.6	4625.5	BR B0481
3.066	3.390	RTE E SB	SHANNON		3421.4	BR B0483
0.801	1.115	RTE E EB	STODDARD		3315.8	BR B0535
TOTAL				30339		
LOG MILES ARE APPROXIMATE. SEE PAVEMENT MARKING LOG JSP.						

TYPE C CRASHWORTHY END TERMINAL REINSTALLATION						
LOG MI	LOG MI	ROUTE	COUNTY	LOC	TYPE C CRASHWORTHY END TERMINAL REINSTALLATION EA	REMARKS
107.213	107.218	RTE 142 EB	BUTLER	LT	1	BR B0581 (NORTHEAST QUAD)
107.213	107.218	RTE 142 EB	BUTLER	RT	1	BR B0581 (SOUTHEAST QUAD)
10.446	10.451	RTE AA SB	BUTLER	RT	1	BR B0491 (SOUTHEAST QUAD)
166.300	166.305	RTE 21 SB	CARTER	RT	1	BR B0464 (SOUTHWEST QUAD)
TOTAL					4	
LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.						



DATE PREPARED 6/25/2026	
ROUTE VAR	STATE MO
DISTRICT SE	SHEET NO. 3
COUNTY VARIOUS	
JOB NO. JST0144B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

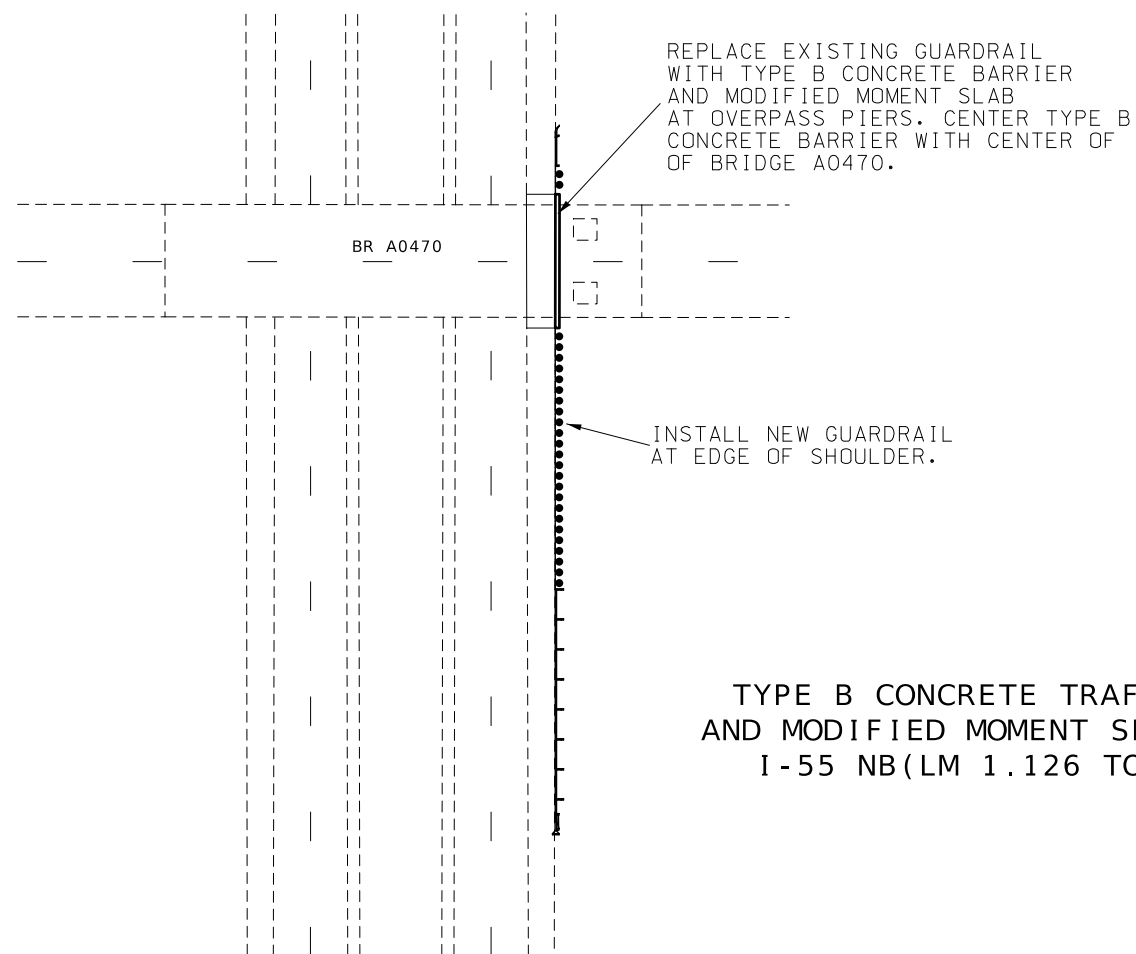
DESCRIPTION									
DATE									

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



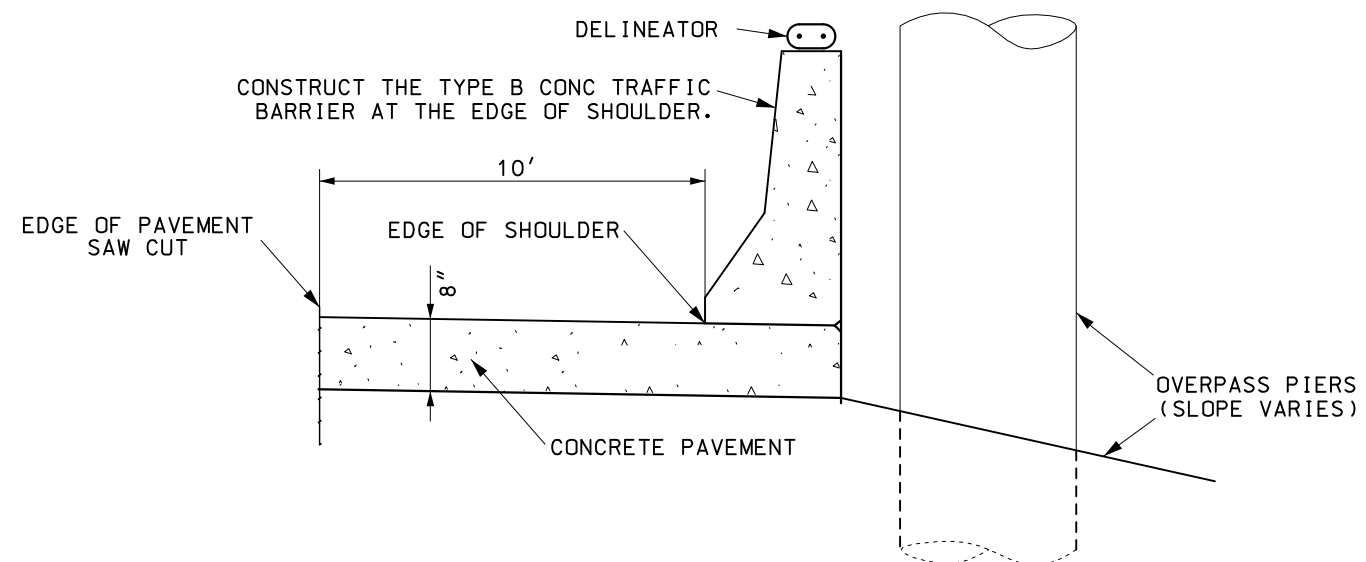
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SIGN	SIZE	AREA	QTY	TOTAL AREA	RELOC	TOTAL RELOC	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	TOTAL RELOC	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025							
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.	IN.		SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.	NUMBER	QTY		DESCRIPTION									
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)							
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)							
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)							
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)							
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)							
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00						END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)							
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122019	1	IMPACT ATTENUATOR 70 MPH (SAND BARRELS)							
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122020	2	REPLACEMENT SAND BARREL							
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030	3	IMPACT ATTENUATOR (RELOCATION)							
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	6	36.00				WORK ZONE (PLAQUE)	6122040		WORK ZONE CRASH CUSHION (NARROW)							
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)							
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6123001	1	TRUCK MOUNTED ATTENUATOR (TMA)							
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)							
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)							
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)							
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (DRUM-LIKE)							
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)							
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161025	65	CHANNELIZER (TRIM-LINE)							
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TR1.	6.93	1	6.93				YIELD	6161026		CHANNELIZER (VERTICAL PANEL)							
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161030		TYPE 3 MOVEABLE BARRICADE							
WO3-2	48X48	16.00	1	16.00				YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161033	42	DIRECTION INDICATOR BARRICADE							
WO3-3	48X48	16.00	2	32.00				SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	12	144.00				SPEED LIMIT XX	6161040	3	FLASHING ARROW PANEL							
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER							
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161055		SEQUENTIAL FLASHING WARNING LIGHT							
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161070		TUBULAR MARKER							
WO4-1R	48X48	16.00	1	16.00				MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM							
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT			CHANGEABLE MESSAGE SIGN,							
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161096		COMMISSION FURNISHED/RETAINED							
WO5-1	48X48	16.00	1	16.00				ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS			CHANGEABLE MESSAGE SIGN WITHOUT COMM.							
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6161098A		INTERFACE, CONTRACTOR FURNISHED/RETAINED							
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)			CHANGEABLE MESSAGE SIGN WITH COMM.							
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6161099		INTERFACE, CONTRACTOR FURNISHED/RETAINED							
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162000A	1	WORK ZONE TRAFFIC SIGNAL SYSTEM							
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS							
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)			TEMPORARY TRAFFIC BARRIER,							
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6173600D	1290	CONTRACTOR FURNISHED/RETAINED							
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)			TEMP. TRAFFIC BARRIER ANCHORED,							
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6173700B		CONTRACTOR FURNISHED/RETAINED							
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED			TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION							
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)									SIDEWALK CLOSED AHEAD,	6173706		CONTRACTOR FURNISHED/RETAINED							
WO8-6	48X48	16.00						TRUCK CROSSING									(ARROW LEFT) CROSS HERE			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION,							
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD,	6174000A		CONTRACTOR FURNISHED/RETAINED							
WO8-7	36X36	9.00						LOOSE GRAVEL	R9-11R	24X18	3.00						(ARROW RIGHT) CROSS HERE	6175010A	1060	RELOCATING TEMPORARY TRAFFIC BARRIER							
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R10-6	24X36	6.00	2	12.00				STOP HERE ON RED (45° ARROW)	6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED							
WO8-9	48X48	16.00						LOW SHOULDER	R11-2	48X30	10.00						ROAD CLOSED	6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS							
WO8-11	48X48	16.00						UNEVEN LANES									ROAD CLOSED XX MILES AHEAD	6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT							
WO8-12	48X48	16.00						NO CENTER LINE	R11-3a	60X30	12.50						LOCAL TRAFFIC ONLY	6208064A		TEMPORARY RAISED PAVEMENT MARKER							
WO8-15	48X48	16.00						GROOVED PAVEMENT	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC	9029400		TEMPORARY TRAFFIC SIGNALS							
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-3A	60X48	20.00						FINE SIGN	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING							
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)	6169902	11	RELOCATE TEMPORARY SIGNAL							
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	MISCELLANEOUS SIGNS																		
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-5	48X36	12.00						POINT OF PRESENCE										
WO10-1	42RND.	9.62						RAILROAD CROSSING	CONST-5	96X48	32.00						POINT OF PRESENCE										
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)	CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE										
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)																			
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)	W4-2	48X48	16.00	6	96.00														
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)																			
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD																			
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD																			
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)																			
WO16-2	30X24	5.00						XXX FEET (PLAQUE)																			
WO16-3	30X24	5.00						X MILE (PLAQUE)																			
WO20-1	48X48	16.00	9	144.00				ROAD/BRIDGE/RAMP WORK AHEAD																			
WO20-2	48X48	16.00						DETOUR AHEAD																			
WO20-3	48X48	16.00						ROAD CLOSED AHEAD																			
WO20-4	48X48	16.00	6	96.00				ONE LANE ROAD AHEAD	616-10.05	TOTAL																	
WO20-5	48X48	16.00	6	96.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD	CONSTRUCTION SIGNS			903															
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	616-10.10				TOTAL														
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED	RELOCATED SIGNS						*												
WO20-7a	48X48	16.00	6	96.00				FLAGGER (SYMBOL)	NOTE: SEE STANDARD PLANS 616.20 FOR ADDITIONAL TRAFFIC CONTROL PLANS. * NO DIRECT PAY FOR RELOCATION OF CONSTRUCTION SIGNS.																		
WO21-2	36X36	9.00						FRESH OIL																			
WO21-5	48X48	16.00	6	96.00				SHOULDER WORK / SHOULDER WORK AHEAD																			
WO22-1	48X48	16.00						BLASTING ZONE AHEAD																			
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE																			
WO22-3	42X36	10.50						END BLASTING ZONE																			
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)																			



INSTALL NEW GUARDRAIL
AT EDGE OF SHOULDER.

TYPE B CONCRETE TRAFFIC BARRIER
AND MODIFIED MOMENT SLAB PLACEMENT
I-55 NB(LM 1.126 TO LM 1.136)



CONSTRUCT THE TYPE B CONC TRAFFIC
BARRIER AT THE EDGE OF SHOULDER.

10'

EDGE OF SHOULDER.

EDGE OF PAVEMENT
SAW CUT

8"

CONCRETE PAVEMENT

OVERPASS PIERS
(SLOPE VARIES)

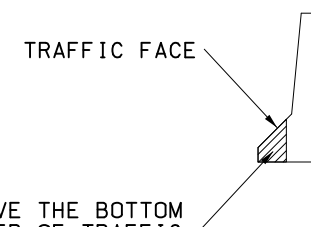
TYPE B CONCRETE TRAFFIC BARRIER - MODIFIED MOMENT SLAB

NOTES:

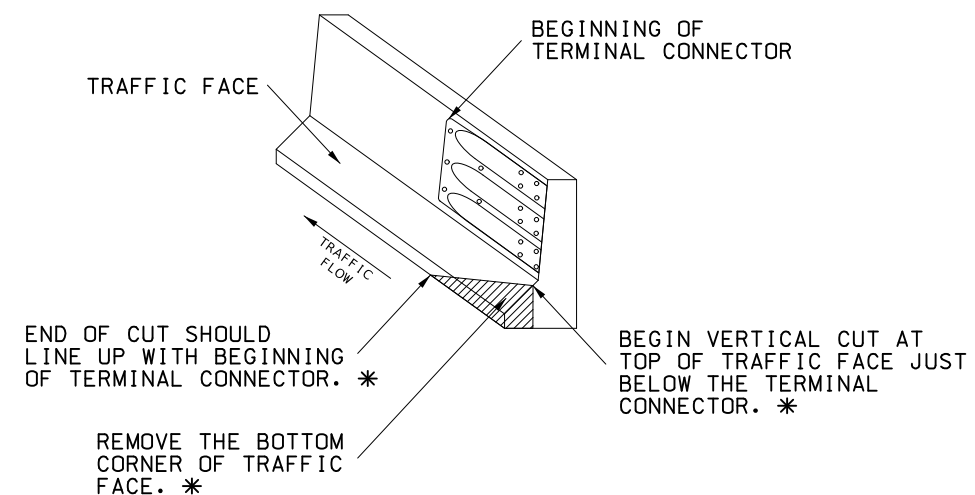
SEE STANDARD PLANS 617.10 FOR REINFORCING STEEL AND ADDITIONAL DETAIL.

SAW CUTS WILL BE AT NO DIRECT PAY.

TYPE B CONCRETE TRAFFIC BARRIER MODIFICATION DETAIL



REMOVE THE BOTTOM
CORNER OF TRAFFIC
FACE. *



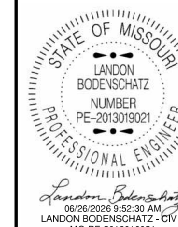
BEGINNING OF
/ TERMINAL CONNECTOR

END OF CUT SHOULD
LINE UP WITH BEGINNING
OF TERMINAL CONNECTOR. *

REMOVE THE BOTTOM
CORNER OF TRAFFIC
FACE. *

BEGIN VERTICAL CUT AT
TOP OF TRAFFIC FACE JUST
BELOW THE TERMINAL
CONNECTOR. *

* NOTE: REMOVE BOTTOM CORNER OF TRAFFIC
FACE AS SHOWN IN DETAIL, MODIFY
AS DIRECTED BY ENGINEER.



MO-PE-2013019021
DATE PREPARED
6/25/2026

ROUTE	STATE
-------	-------

VAR	MO
DISTRICT	SHEET NO.

SE	4
----	---

COUNTY
VARIOUS

VARIOUS
JOB NO.

JST0144B
CONTRACT ID

CONTRACT ID.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

SPECIAL SHEET
SHEET 1 OF 1

DRAWING NOT TO SCALE

ROAD TYPE	SIGN SPACING A, B, C (ft.) (1) (2)		
	A	B	C
URBAN (low speed)	100	100	100
URBAN (high speed)	350	350	350
RURAL	500	500	500
EXPRESSWAY / FREEWAY	1000	1500	2640

(1) THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS.

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

PERMANENT POSTED SPEED (mph)	MINIMUM TAPER LENGTH (ft.)						OPTIONAL BUFFER LENGTH (ft.)	MAXIMUM CHANNELIZER SPACING (3) (4) (ft.)	
	SHOULDER (T1)			LANE (T2)				TAPERS	BUFFER/ WORK AREAS
	10 FT SHLDR	11 FT SHLDR	12 FT SHLDR	10 FT LANE	11 FT LANE	12 FT LANE			
0-35	70	75	85	205	225	245	250	35	70
40-45	150	165	180	450	495	540	360	40	80
50-55	185	200	220	550	605	660	495	50	100
60-70	235	255	280	700	770	840	730	60	120

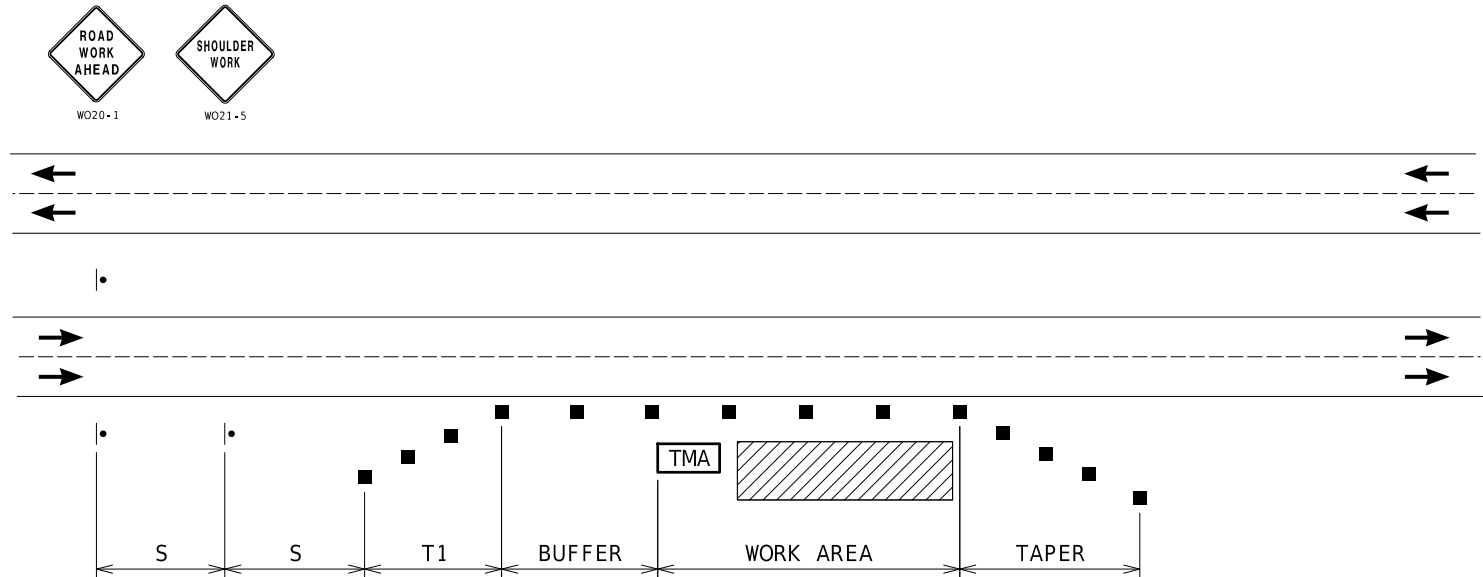
(3) SPACING SHALL BE REDUCED TO ½ AT INTERSECTIONS.

(4) CHANNELIZER SPACING FOR FLAGGING OPERATIONS SHALL BE 20' WITH A MINIMUM TAPER LENGTH OF 50' AND A MAXIMUM TAPER LENGTH OF 100'.

- (1) SEE STANDARD PLAN 616.10BF FOR DETAILS AND ITEMS NOT SHOWN.
- (2) EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
- (3) NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.
- (4) CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
- (5) LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE; ARROWS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.
- (6) ALL LOG MILES, SPACING, AND DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- TRUCK MOUNTED ATTENUATOR
W/ FLASHING ARROW
- ARROW PANEL
- PORTABLE TRAFFIC SIGNAL

[illegible]

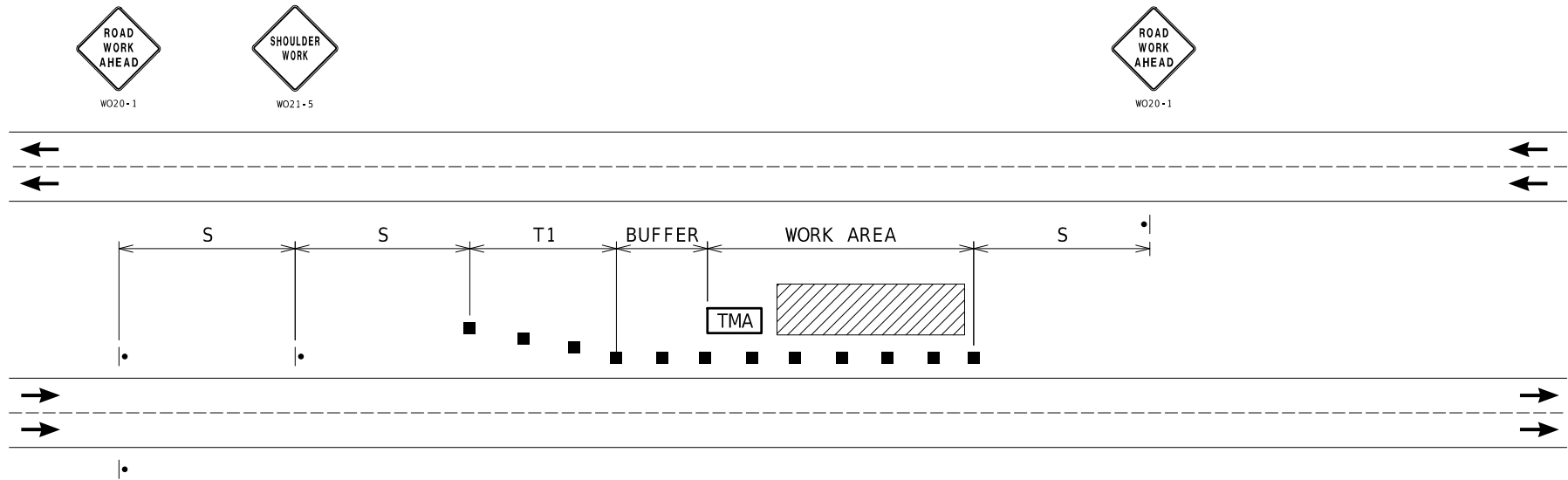


RIGHT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING, TAPER LENGTHS, AND LEGEND.

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.



LEFT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING, TAPER LENGTHS, AND LEGEND.

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.

INCLUDE CHANNELIZERS FOR OPPOSING DIRECTION UNLESS ALREADY PROTECTED
WITH EXISTING GUARDRAIL/GUARDCABLE.

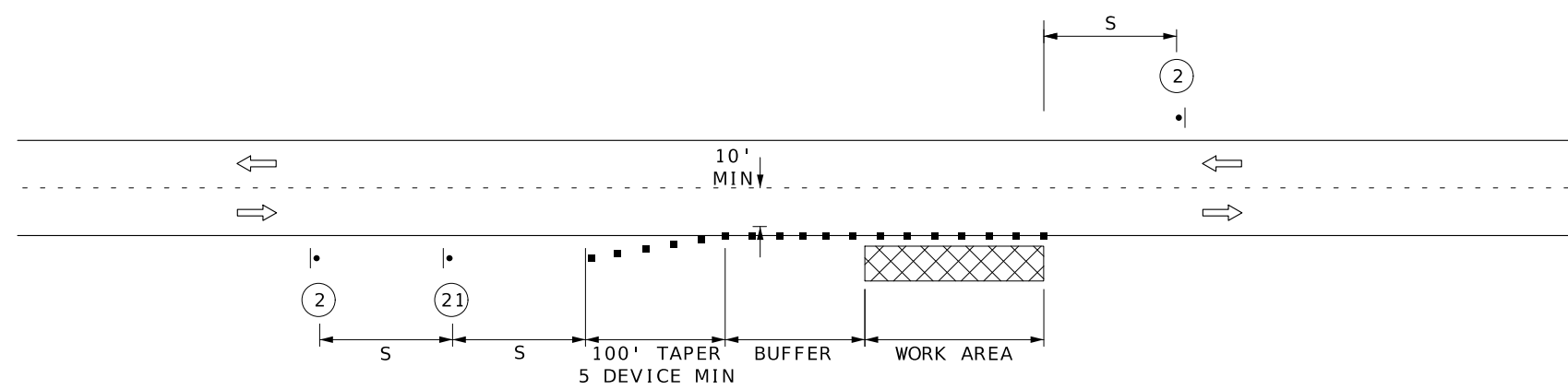
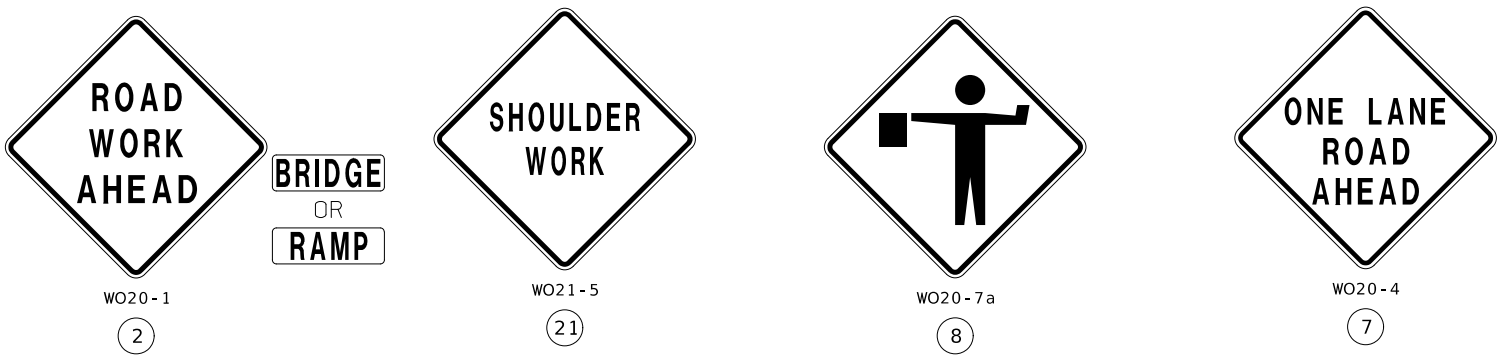


DATE PREPARED 6/29/2026	
ROUTE VAR	STATE MO
DISTRICT SE	SHEET NO. 6
COUNTY VARIOUS	
JOB NO. JST0144B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

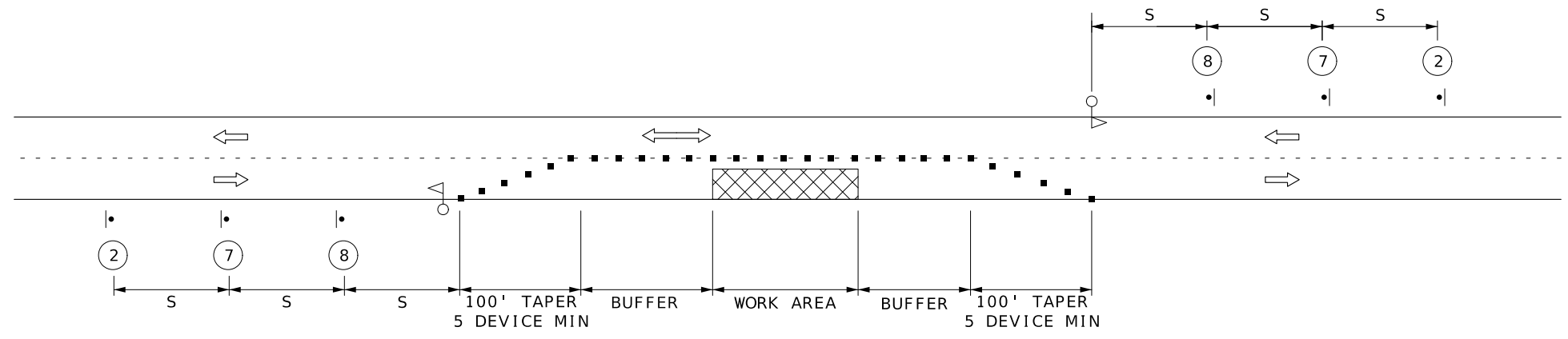
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SHOULDER WORK
MINOR ENCROACHMENT



LANE CLOSURE
TWO LANE

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING, TAPER LENGTHS, AND LEGEND.
DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI

LONDON BODENSCHATZ

NUMBER
PE-2013019021

PROFESSIONAL ENGINEER

LONDON Bodenschatz

06/29/2026 9:15:03 AM

LONDON BODENSCHATZ - CIVIL

MO-PE-2013019021

DATE PREPARED

6/29/2026

ROUTE

VAR

DISTRICT

SE

STATE

MO

SHEET NO.

9

COUNTY

VARIOUS

JOB NO.

JST0144B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

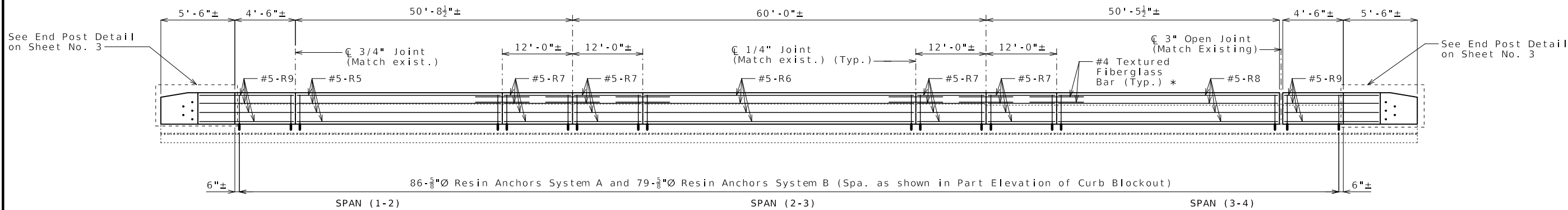
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

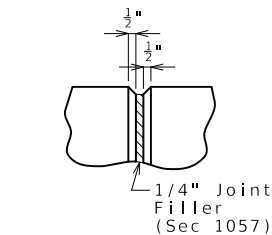
MoDOT

TRAFFIC CONTROL
SHEET 5 OF 5

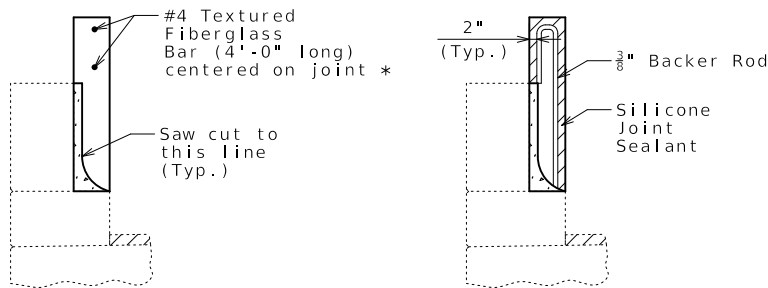


ELEVATION OF LEFT CURB BLOCKOUT (Right curb blockout similar)

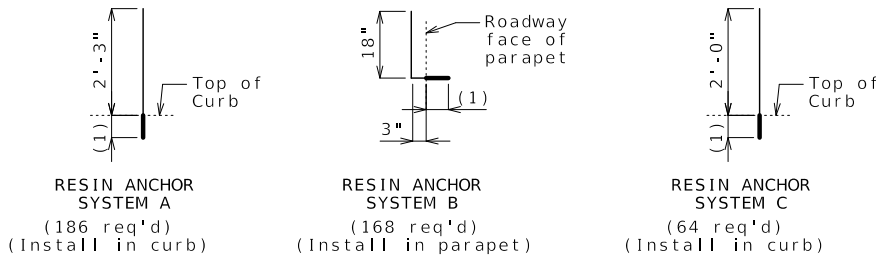
Longitudinal dimensions are along grade and are taken at top outside edge of parapet.



PART ELEVATION AT FORMED JOINT

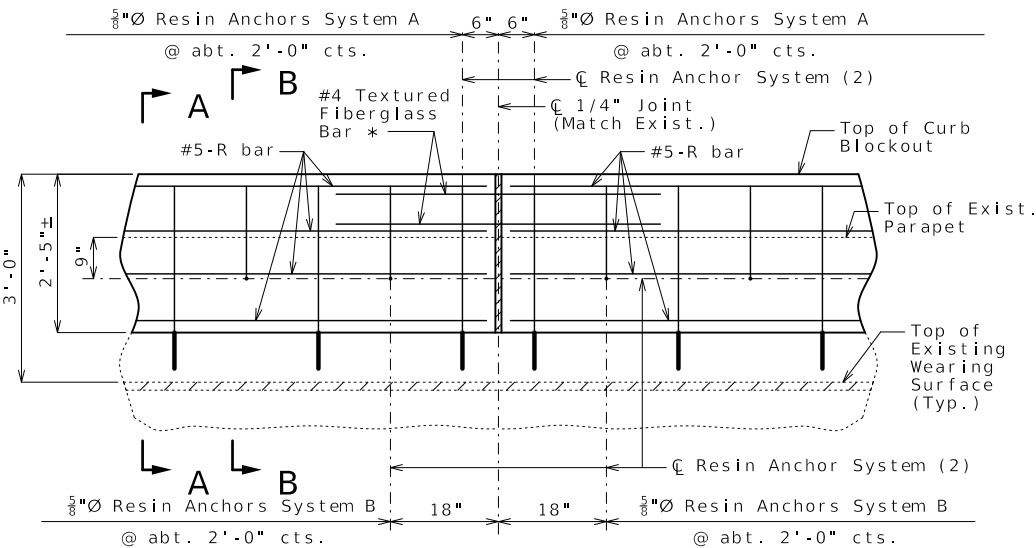


SECTION THRU SAW CUT JOINT

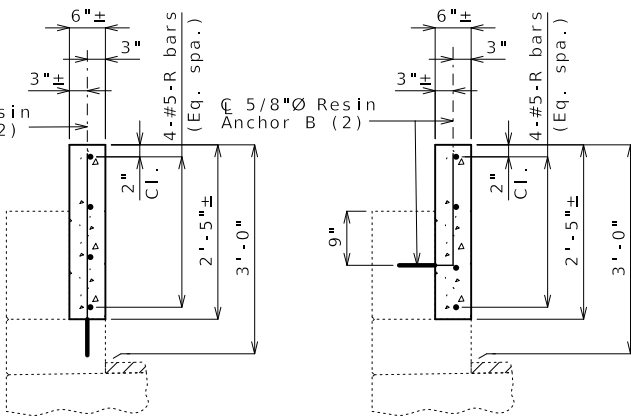


(1) Use manufacturer's embedment length (5" minimum embedment).

DETAILS OF RESIN ANCHORS



PART ELEVATION OF CURB BLOCKOUT



SECTION A-A

SECTION B-B

CURB BLOCKOUT

Sheet No. 2 of 4

Notes:

* Slip-formed option only.

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

Bridge rail not shown for clarity.

Concrete in curb blockout shall be Class B-1.

Measurement of curb blockout is to the nearest linear foot, measured at the top outside edge of parapet. (Match existing curb and parapet)

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

Payment for concrete, reinforcement, resin anchor systems and any other work incidental to the curb blockout, complete in place, will be considered completely covered by the contract unit price for Curb Blockout per linear foot.

Cost of any concrete curb or parapet repair will be considered completely covered by the contract unit price for Curb Blockout.

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 an abatement subcontractor 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 curb blockout reinforcement shall be epoxy coated.

(2) Shift resin anchors where necessary to clear existing anchor bolts for bridge rail, miss curb outlets (if present) and clear existing reinforcement.

Use a minimum lap of 3'-1" for #5 horizontal curb blockout bars.

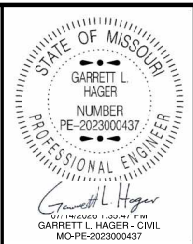
Concrete traffic barrier delineators shall be placed on top of the curb blockout similarly as shown on Missouri Standard Plans 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators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

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

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 inches.

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

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



DATE PREPARED
7/14/2026

ROUTE
1-55

DISTRICT
BR

COUNTY
PEMISCOT

JOB NO.
JST0144B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A04544

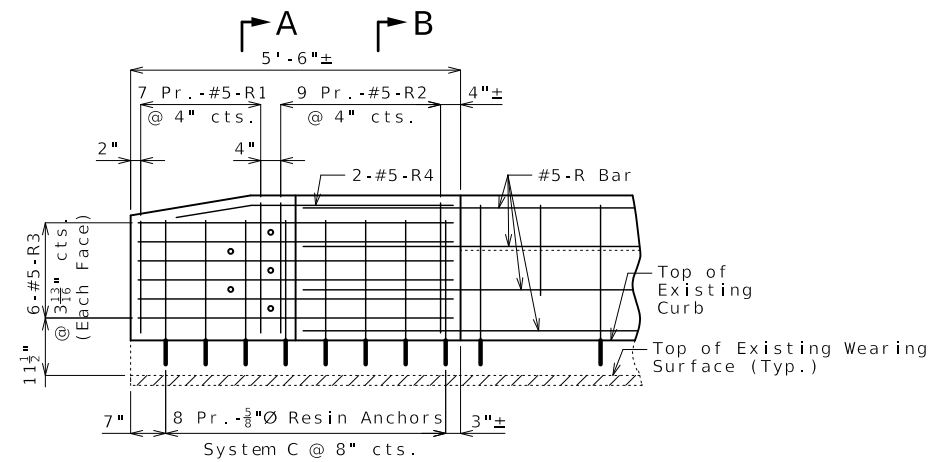
DESCRIPTION

DATE

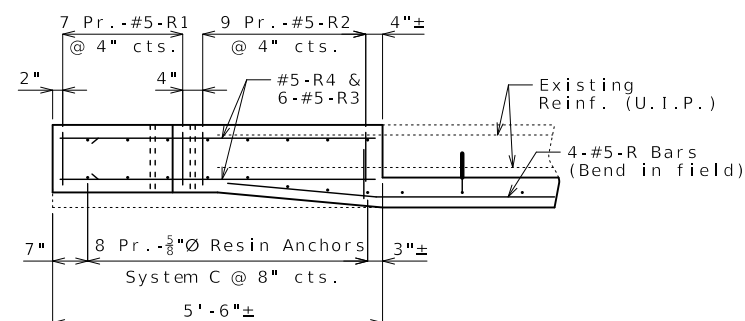
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

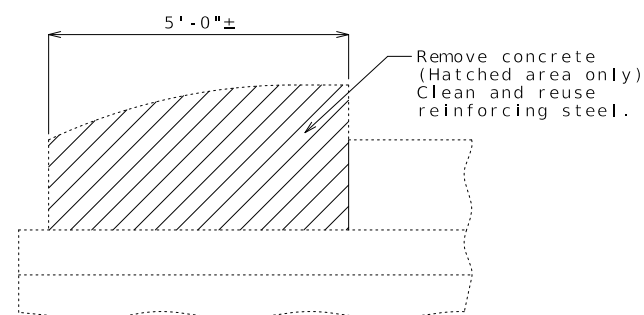
MoDOT



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

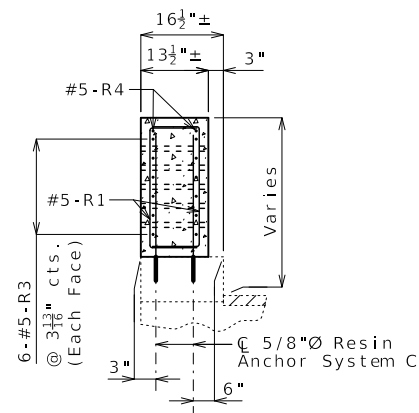


PLAN SHOWING REINFORCEMENT
LEFT END POST AT END BENT NO. 1

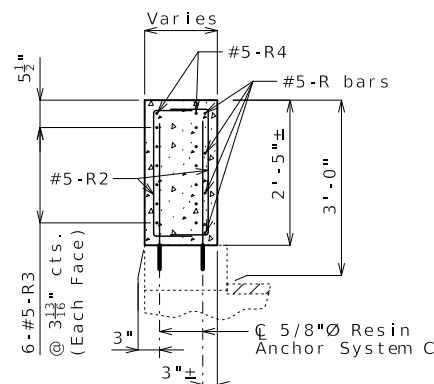


PART ELEVATION SHOWING END POST
CONCRETE REMOVAL

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



SECTION A-A



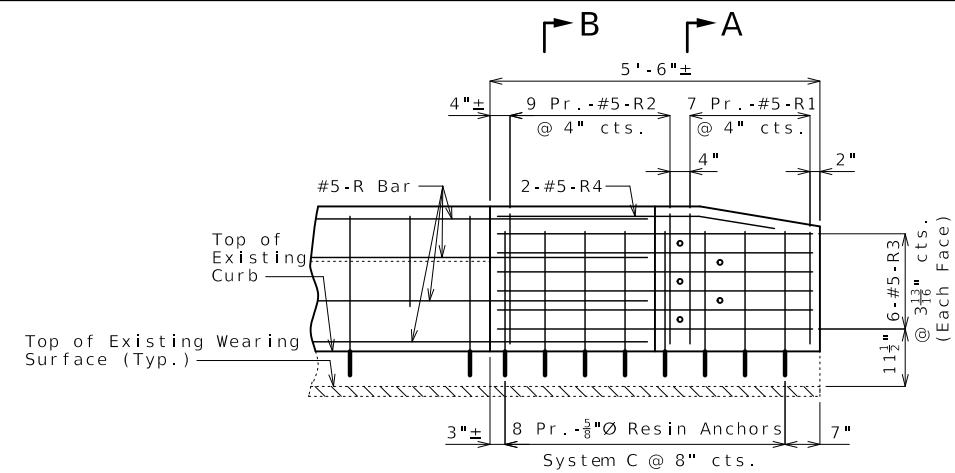
SECTION B - B

Notes:

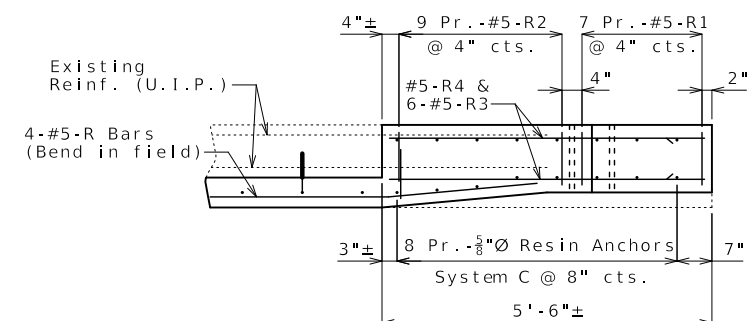
Work this sheet with Sheet No. 2.

For details of resin anchors, see Sheet No. 2.

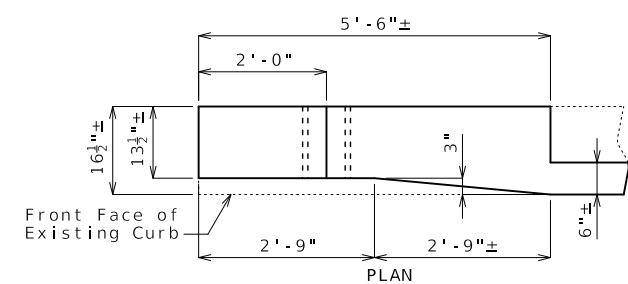
Resin anchors shall be shifted or bent in field to clear one-inch diameter holes by at least 1/2 inch.



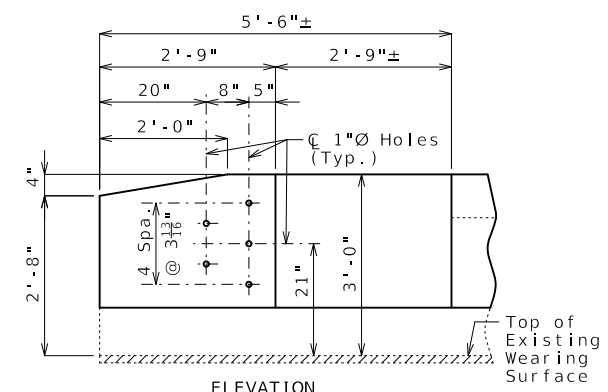
ELEVATION SHOWING REINFORCEMENT
(Right End Post at End Bent No. 1 similar)



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



PLAN

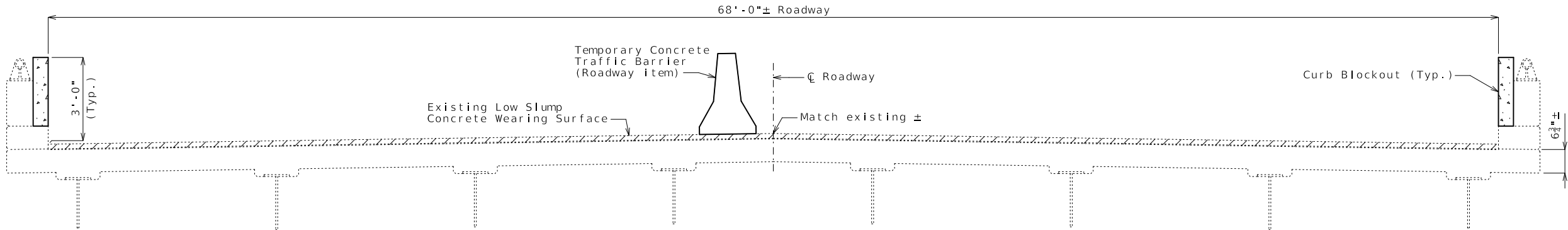


ELEVATION

DETAILS OF END POST AND GUARD RAIL ATTACHMENT

[illegible]

U.I.P. AND REHABILITATE EXISTING (38'-87'-87'-28') CONTINUOUS COMPOSITE PLATE GIRDER SPANS (SKEW: 2°-7'-28")



TYPICAL SECTION THRU EXISTING DECK

Estimated Quantities		
Item		Total
Curb Blockout	linear foot	544

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Loading:
HS20-44 Modified (1967)

Design Unit Stresses:
Class B-1 Concrete (Curb Blockout) f'c = 4,000 psi
Reinforcing Steel (ASTM A615 Grade 60) fy = 60,000 psi

Miscellaneous:
Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

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

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

Traffic Handling:
Traffic to be maintained on structure during construction.
See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE 84
OVER ROUTE I-55

ROUTE 84 FROM ROUTE D TO ROUTE J
ABOUT 2.01 MILES NORTHWEST OF ROUTE D
BEGINNING STATION 680+44.07± (Match Existing)

STATE OF MISSOURI

GARRETT L. HAGER

NUMBER

PE-2023000437

PROFESSIONAL ENGINEER

DATE PREPARED

7/14/2026

ROUTE

84

STATE

MO

DISTRICT

BR

SHEET NO.

1

COUNTY

PEMI SCOT

JOB NO.

JST0144B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

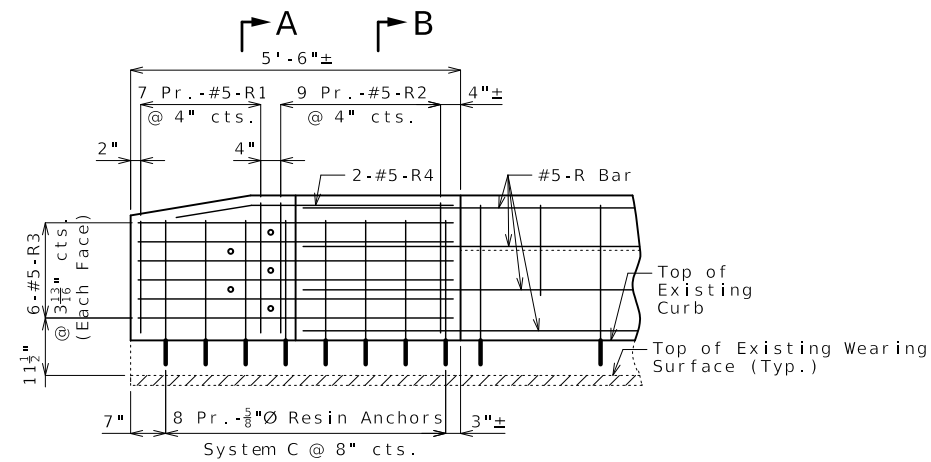
A14653

DESCRIPTION

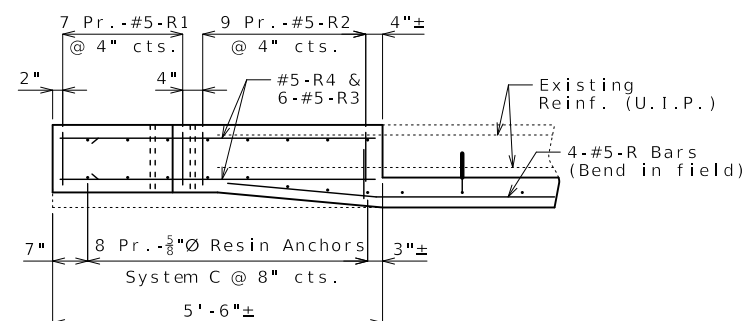
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

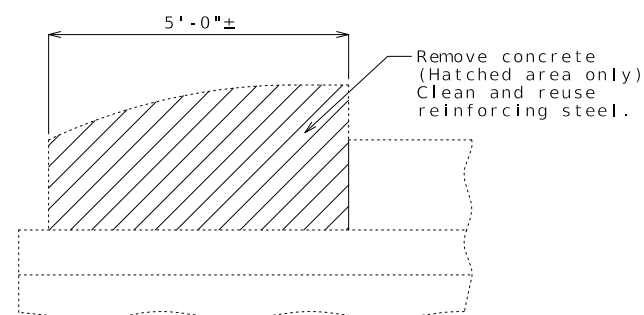
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



ELEVATION SHOWING REINFORCEMENT
(Right End Post at End Bent No. 5 similar)

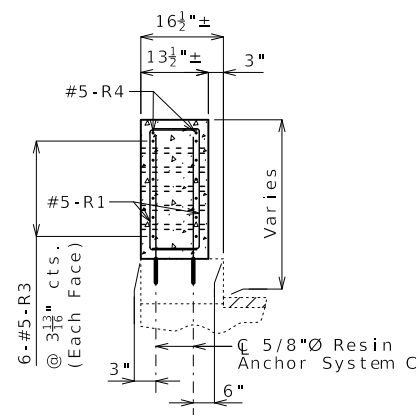


PLAN SHOWING REINFORCEMENT
LEFT END POST AT END BENT NO. 1

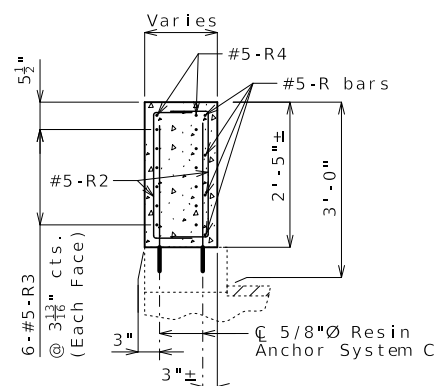


PART ELEVATION SHOWING END POST
CONCRETE REMOVAL

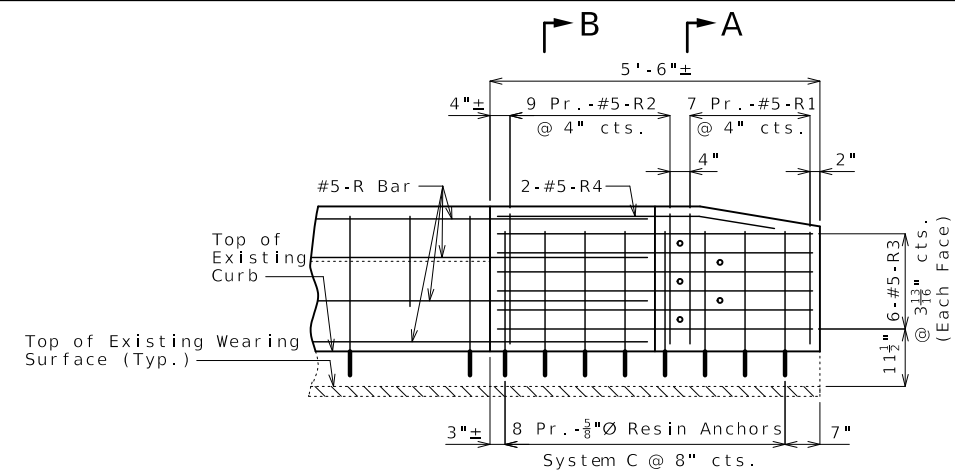
Cost of removing existing end posts will be considered completely covered by the contract unit price for Curb Blockout.



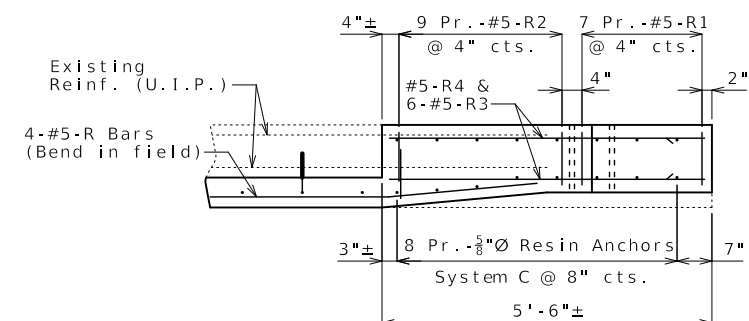
SECTION A-A



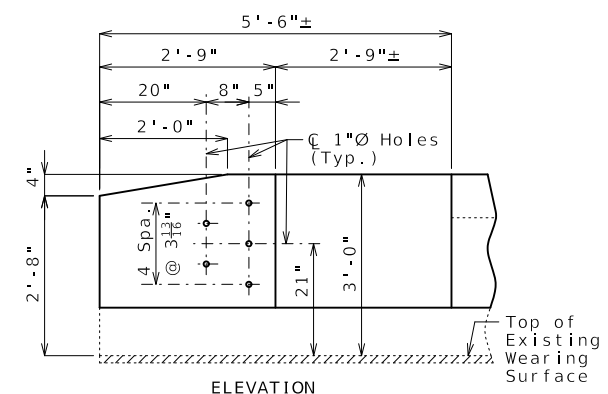
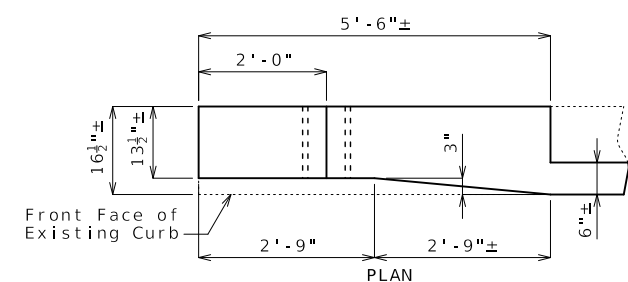
SECTION B - B



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



PLAN SHOWING REINFORCEMENT
LEFT END POST AT END BENT NO. 5



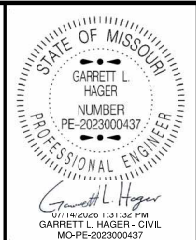
DETAILS OF END POST AND GUARD RAIL ATTACHMENT

Notes:

Work this sheet with Sheet No. 2.

For details of resin anchors, see Sheet No. 2.

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



DATE PREPARED
7/14/2026

ROUTE	STATE
84	MO

DISTRICT BR	SHEET NO. 3
----------------	----------------

COUNTY
PEMISCOT

JOB NO.
IST0144B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A14653

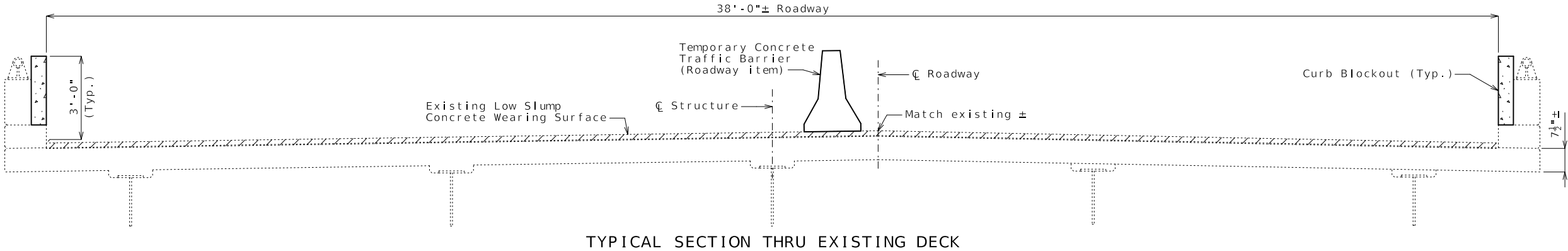
A14055							

[illegible][illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

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

U.I.P. AND REHABILITATE EXISTING (55'-71'-55') CONTINUOUS COMPOSITE WIDE FLANGE BEAM SPANS (SKEW: 55° LA)



TYPICAL SECTION THRU EXISTING DECK

Estimated Quantities		
Item		Total
Curb Blockout	linear foot	425

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Loading:
HS20-44 Modified (1967)

Design Unit Stresses:
Class B-1 Concrete (Curb Blockout) f'c = 4,000 psi
Reinforcing Steel (ASTM A615 Grade 60) fy = 60,000 psi

Miscellaneous:
Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

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

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

Traffic Handling:
Traffic to be maintained on structure during construction.
See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE 1-55 NB
OVER DRAINAGE DITCH NO. 3

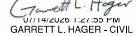
ROUTE 1-55 FROM ROUTE 164 TO ROUTE U
ABOUT 1.00 MILE NORTH OF ROUTE 164
BEGINNING STATION 1228+30.00± (Match Existing)

STATE OF MISSOURI

CARRETT L. HAGER

NUMBER
PE-2023000437

PROFESSIONAL ENGINEER



Garrett L. Hager

07/14/2026 1:51:30 PM

CARRETT L. HAGER - CIVIL

MO-PE-2023000437

DATE PREPARED

7/14/2026

ROUTE

1-55

STATE

MO

DISTRICT

BR

SHEET NO.

1

COUNTY

JEFFERSON

JOB NO.

JST0144B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

A19363

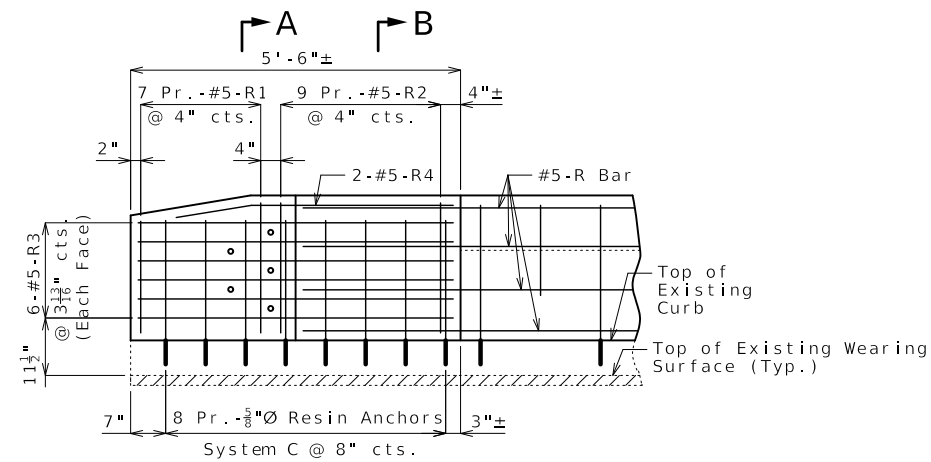
DESCRIPTION

DATE

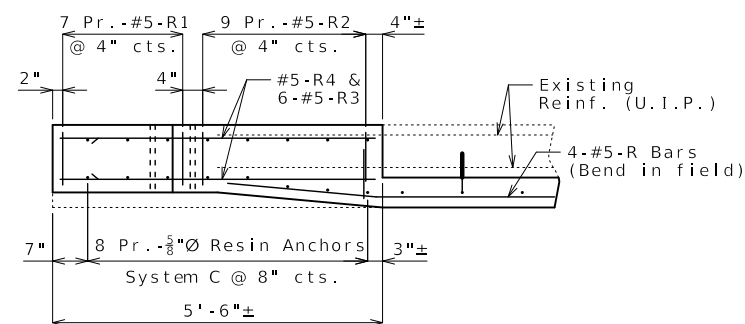
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



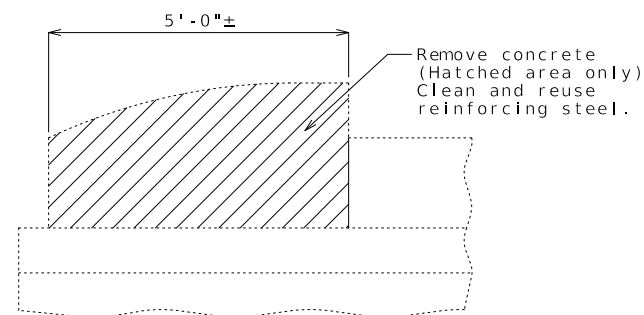
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



ELEVATION SHOWING REINFORCEMENT

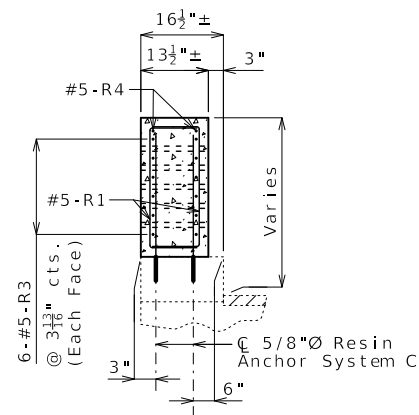


PLAN SHOWING REINFORCEMENT

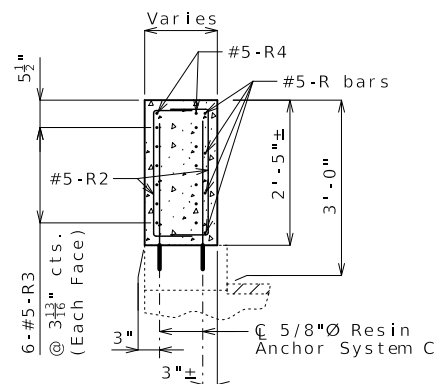


PART ELEVATION SHOWING END POST
CONCRETE REMOVAL

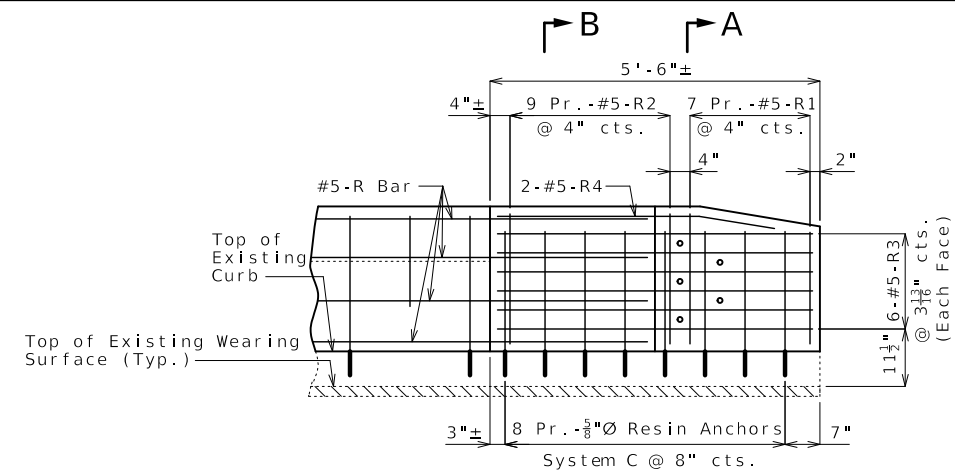
Cost of removing existing end posts will be considered completely covered by the contract unit price for Curb Blockout.



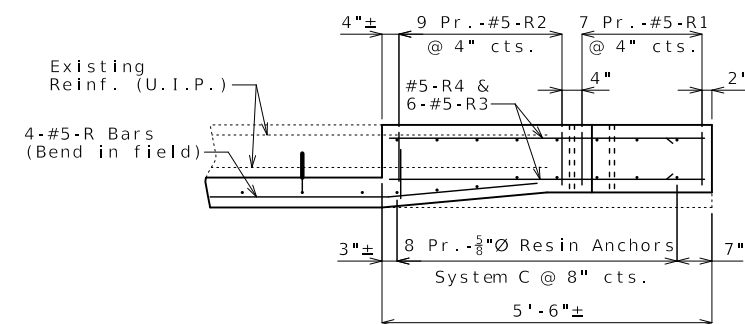
SECTION A-A



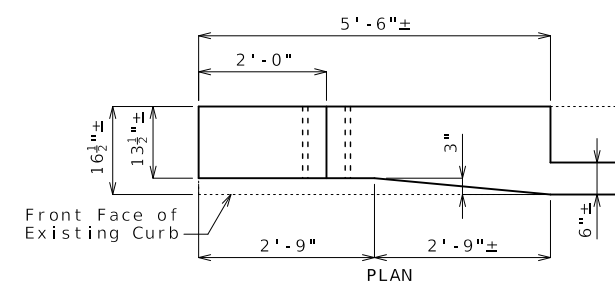
SECTION B - B



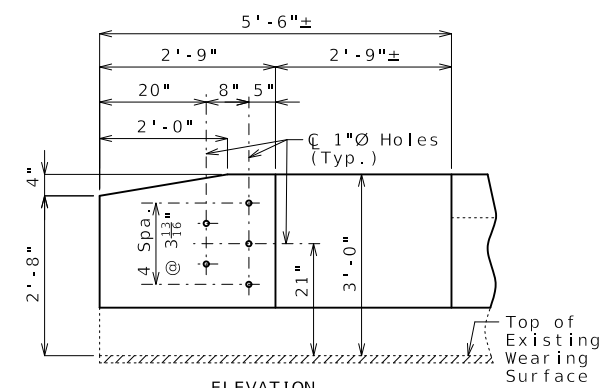
ELEVATION SHOWING REINFORCEMENT



PLAN SHOWING REINFORCEMENT



PLAN



ELEVATION

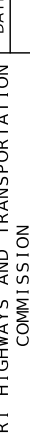
DETAILS OF END POST AND GUARD RAIL ATTACHMENT

Notes:

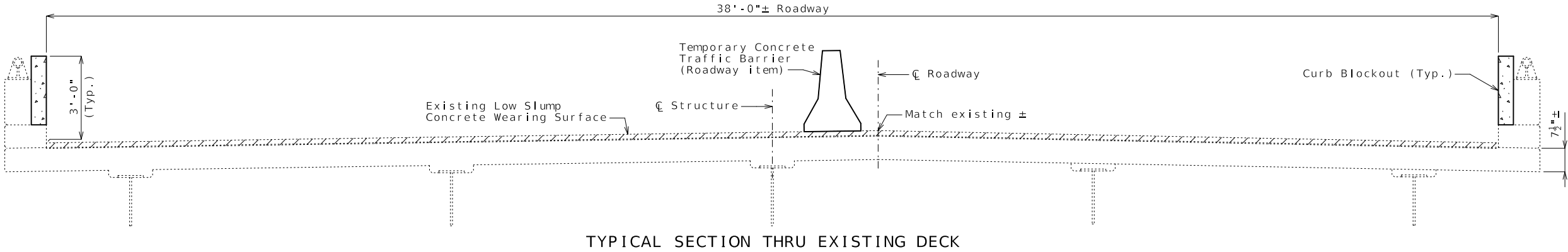
Work this sheet with Sheet No. 2.

For details of resin anchors, see Sheet No. 2.

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

	
DATE PREPARED 7/14/2026	
ROUTE I - 55	STATE MO
DISTRICT BR	SHEET NO. 3
COUNTY PEMISSCOT	
JOB NO. JST0144B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A19363	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
	
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	

U.I.P. AND REHABILITATE EXISTING (48'-62'-48') CONTINUOUS COMPOSITE WIDE FLANGE BEAM SPANS (SKEW: 35° LA)



TYPICAL SECTION THRU EXISTING DECK

Estimated Quantities		
Item		Total
Curb Blockout	linear foot	360

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Loading:
HS20-44 Modified (1967)

Design Unit Stresses:
Class B-1 Concrete (Curb Blockout) f'c = 4,000 psi
Reinforcing Steel (ASTM A615 Grade 60) fy = 60,000 psi

Miscellaneous:
Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

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

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

Traffic Handling:
Traffic to be maintained on structure during construction.
See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE 1-55 NB
OVER MAIN DITCH

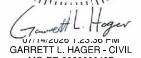
ROUTE 1-55 FROM ROUTE O TO ROUTE E
ABOUT 3.06 MILES NORTH OF ROUTE O
BEGINNING STATION 1480+02.00± (Match Existing)

STATE OF MISSOURI

GARRETT L. HAGER

NUMBER
PE-2023000437

PROFESSIONAL ENGINEER



Garrett L. Hager

SINCE 1980
GARRETT L. HAGER - CIVIL
MO-PE-2023000437

DATE PREPARED
7/14/2026

ROUTE
1-55

DISTRICT
BR

STATE
MO

SHEET NO.
1

COUNTY
PEMI SCOT

JOB NO.
JST0144B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A19423

DESCRIPTION

DATE

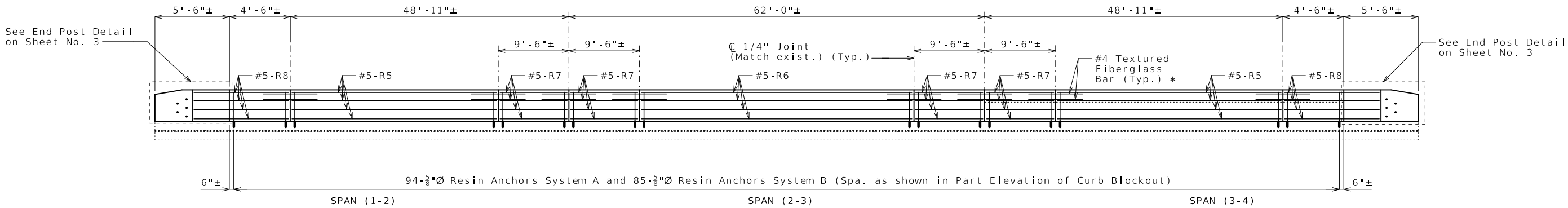
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL

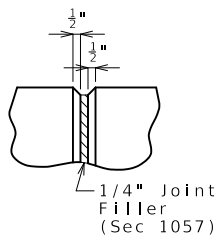
JEFFERSON CITY, MO 65102

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

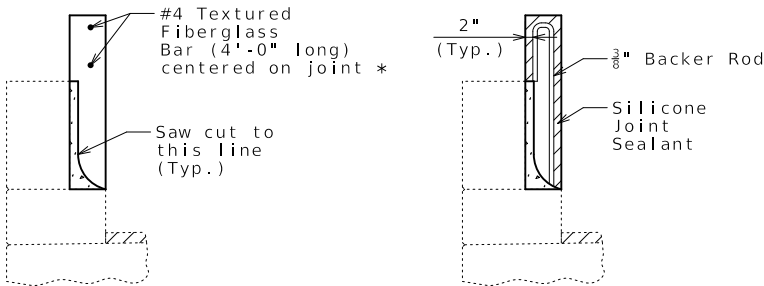


ELEVATION OF LEFT CURB BLOCKOUT
(Right curb blockout similar)

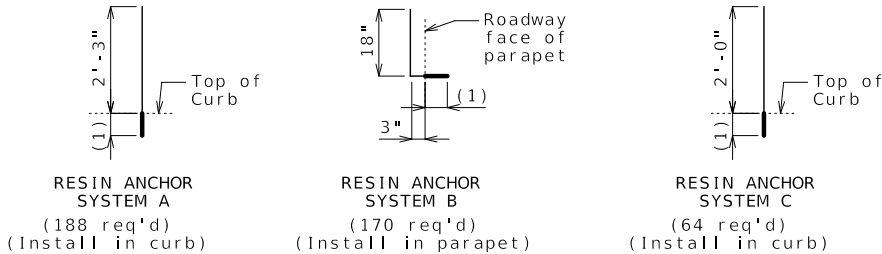
Longitudinal dimensions are along grade and are taken at top outside edge of parapet.



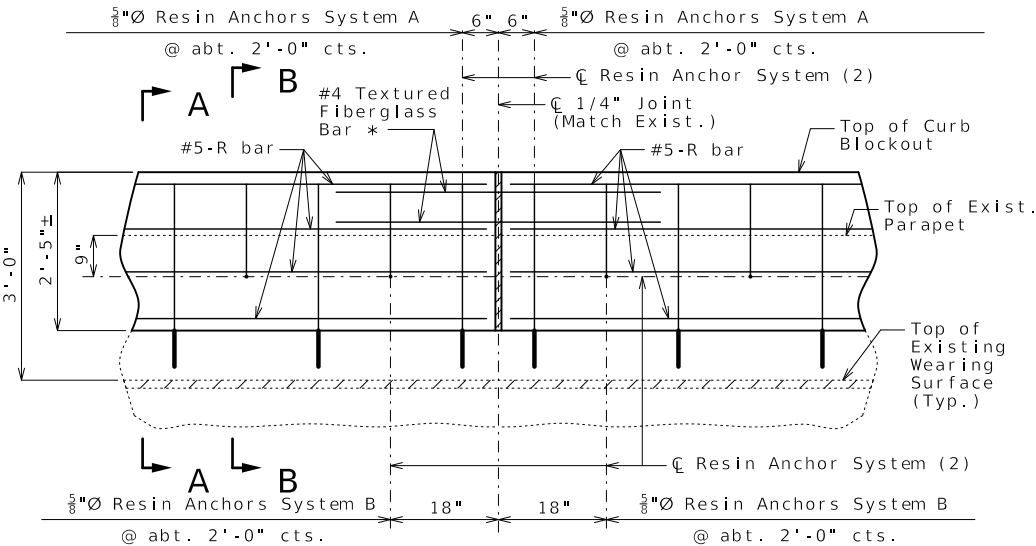
PART ELEVATION AT FORMED JOINT



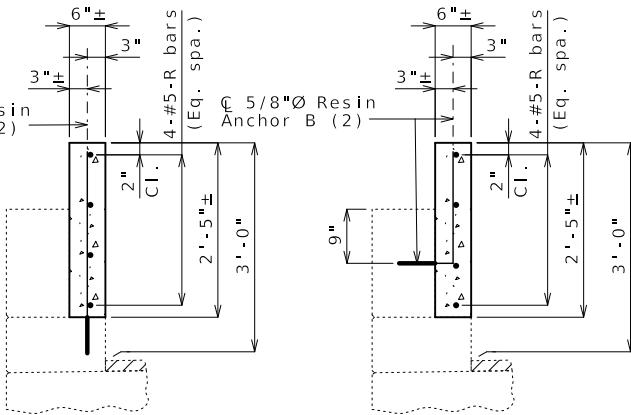
SECTION THRU SAW CUT JOINT



(1) Use manufacturer's embedment length (5" minimum embedment).
DETAILS OF RESIN ANCHORS



PART ELEVATION OF CURB BLOCKOUT



SECTION A-A

SECTION B-B

CURB BLOCKOUT

Sheet No. 2 of 4

Notes:

* Slip-formed option only.

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

Bridge rail not shown for clarity.

Concrete in curb blockout shall be Class B-1.

Measurement of curb blockout is to the nearest linear foot, measured at the top outside edge of parapet. (Match existing curb and parapet)

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

Payment for concrete, reinforcement, resin anchor systems and any other work incidental to the curb blockout, complete in place, will be considered completely covered by the contract unit price for Curb Blockout per linear foot.

Cost of any concrete curb or parapet repair will be considered completely covered by the contract unit price for Curb Blockout.

Asbestor (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 an abatement subcontractor 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 curb blockout reinforcement shall be epoxy coated.

(2) Shift resin anchors where necessary to clear existing anchor bolts for bridge rail, miss curb outlets (if present) and clear existing reinforcement.

Use a minimum lap of 3'-1" for #5 horizontal curb blockout bars.

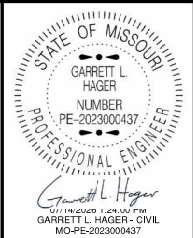
Concrete traffic barrier delineators shall be placed on top of the curb blockout similarly as shown on Missouri Standard Plans 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators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

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

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 inches.

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

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



DATE PREPARED 7/14/2026	
ROUTE 1-55	STATE MO
DISTRICT BR	SHEET NO. 2
COUNTY PEMI SCOT	
JOB NO. JST0144B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A19423	

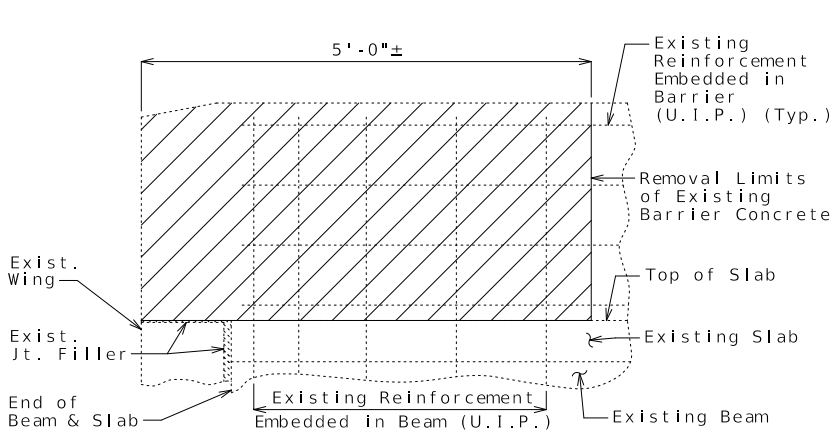
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

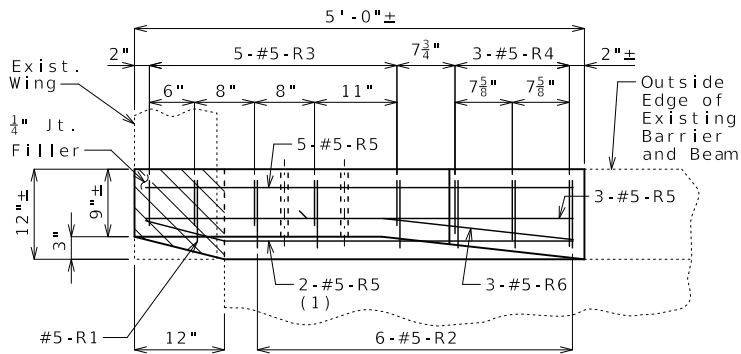
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

U.I.P. AND REHABILITATE EXISTING BRIDGES

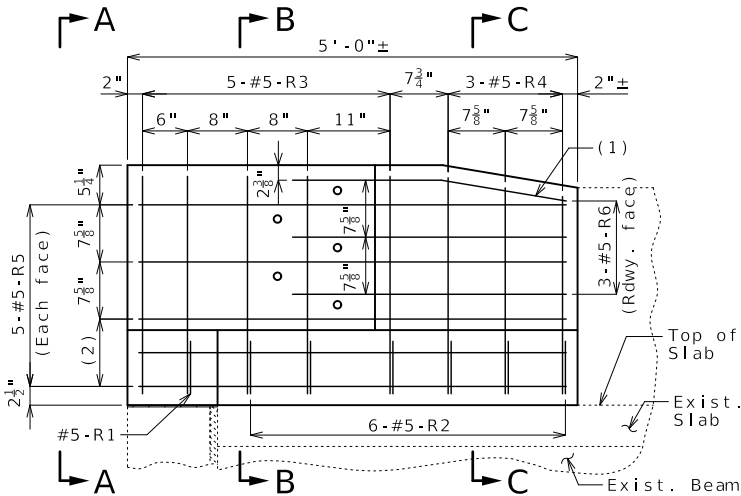
Bridge Information						
Bridge Number	County	Route	Over	Over	Beginning Station	Skew
B04641	Carter	21	Little Black River	(30')(50')(30') Prestressed Concrete Voids Slab Spans	99+93.07	10° LA
B04911	Butler	AA	Drainage Ditch No. 10	(85') Prestressed Concrete Spread Box Beam Spans	99+97.00	30° LA
B05031	Dunklin	P	Kinnamore Ditch	(35')(55')(35') Continuous Composite Wide Flange Beam Spans	100+03.04	70° RA
B05351	Stoddard	E	Buck Branch	(80') Prestressed Concrete Box Beam Spans	99+95.00	0°
						Barrier End Modification (Each)



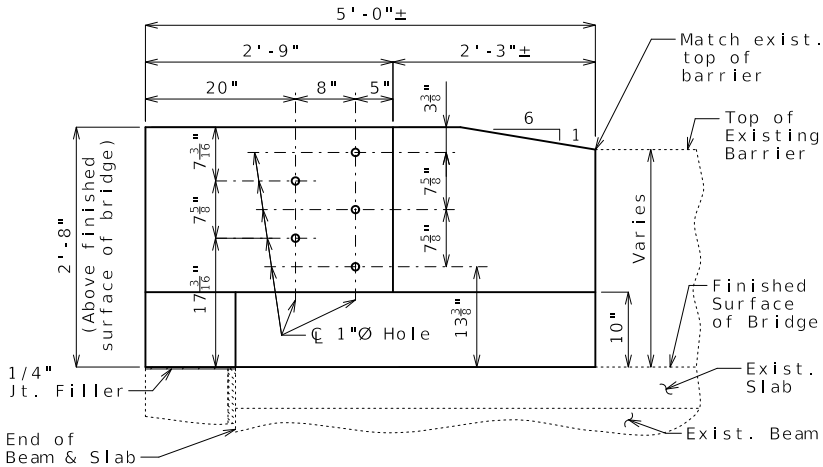
PART ELEVATION SHOWING CONCRETE REMOVAL



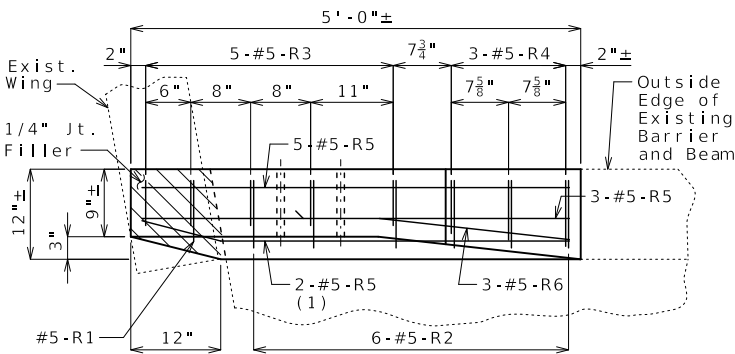
TANGENT BRIDGE PLAN (3)



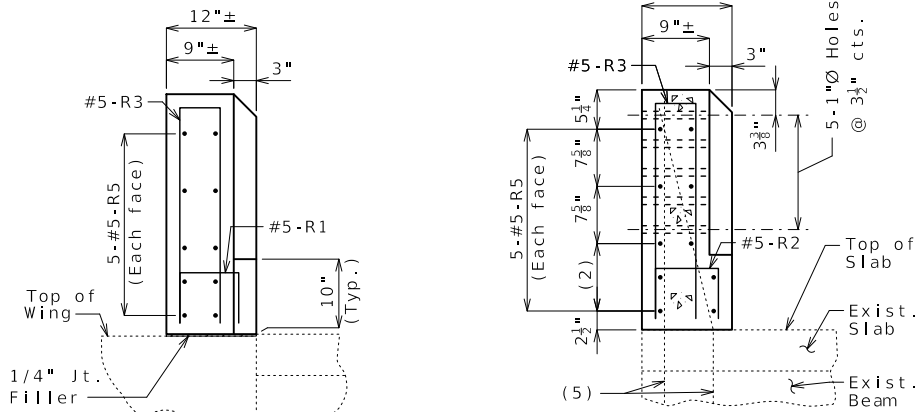
ELEVATION SHOWING REINFORCEMENT (3)



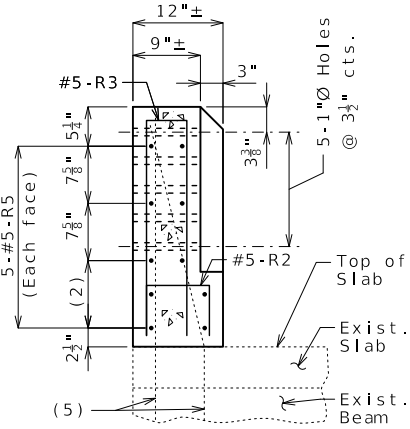
ELEVATION



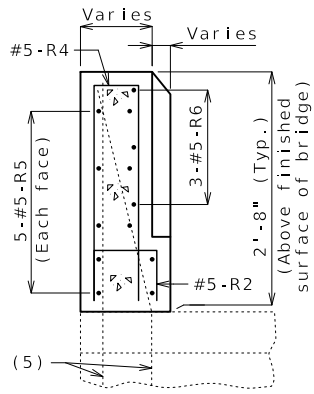
SKEWED BRIDGE PLAN (3)



ELEVATION A-A



SECTION B-B (4)



SECTION C-C (4)

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Unit Stresses:
Class B-1 Concrete $f'_c = 4,000$ 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:
One lane of traffic shall remain open during construction. See roadway plans for traffic control.

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

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

All reinforcement in barrier end modification shall be epoxy coated.

Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, existing bars shall extend into new concrete at least 40 diameters for plain bars and 30 diameters for deformed bars, unless otherwise noted.

The area exposed by the removal of concrete and not covered with new concrete shall be coated with a qualified special mortar in accordance with Sec 704.

Cost of removing existing barrier concrete, and cost of furnishing and installing new concrete, new reinforcing steel, and any other work incidental to the barrier end modification, complete in place, will be considered completely covered by the contract unit price for Barrier End Modification.

- (1) Bend in field.
- (2) 2 Spa. @ 4 1/2"
- (3) Existing reinforcement not shown for clarity.
- (4) Existing longitudinal reinforcement not shown for clarity.
- (5) Existing reinforcement embedded in beam (U.I.P.) (Bend in field as needed) (Typ.)

STATE OF MISSOURI

CARRETT L. HAGER

NUMBER

PE-2023000437

PROFESSIONAL ENGINEER

DATE PREPARED

7/14/2026

ROUTE

VARIES

STATE

MO

DISTRICT

BR

SHEET NO.

1

COUNTY

VARIES

JOB NO.

JST0144B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

VARIES

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

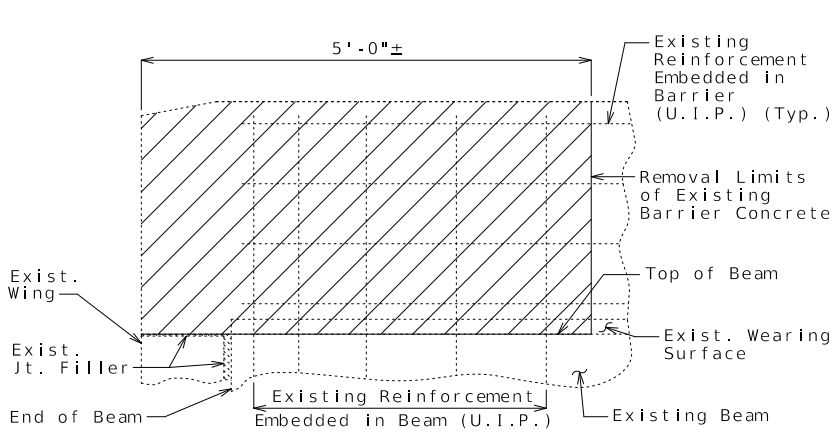
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

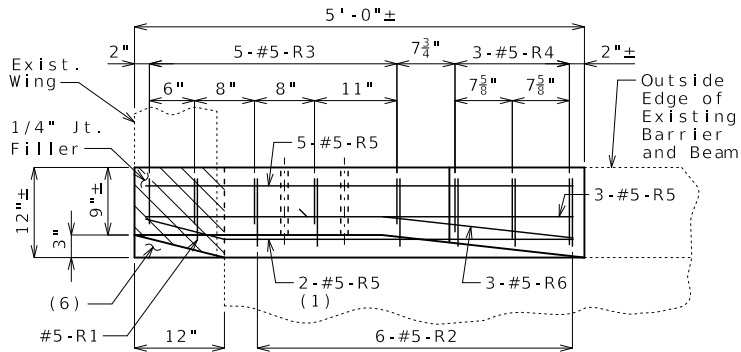
1-888-ASK-MODOT (1-888-275-6636)

U.I.P. & REHABILITATE EXISTING BRIDGES

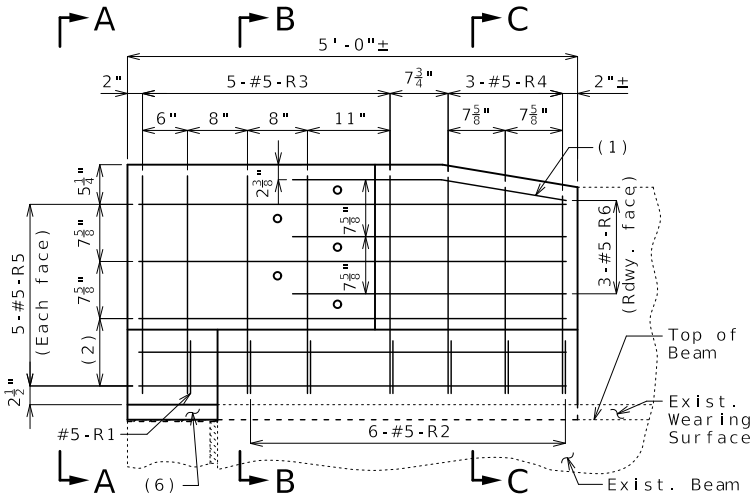
Bridge Information						
Bridge Number	County	Route	Over	Over	Beginning Station	Skew
B04361	Douglas	14	Fox Creek	(80')(90')(80') Prestressed Concrete Box Beam Spans	100+02.39	30° RA
B04381	Douglas	76	Red Bank Creek	(60')(30') Prestressed Concrete Voids Slab Spans	99+97.80	0°
B04521	Ozark	95	Little North Fork	(55')(75')(75')(60') Prestressed Concrete Voids Slab Spans	99+95.01	20° LA
B04811	Ripley	K	Little Black River	(90')(90')(90') Prestressed Concrete Box Beam Spans	100+07.50	0°
B04831	Shannon	E	Pine Hollow	(65')(75') Prestressed Concrete Voids Slab Spans	99+95.00	0°
B05811	Butler	142	Main Ditch	(50')(60') Prestressed Adjacent Voids Slab Spans	99+75.63	0°



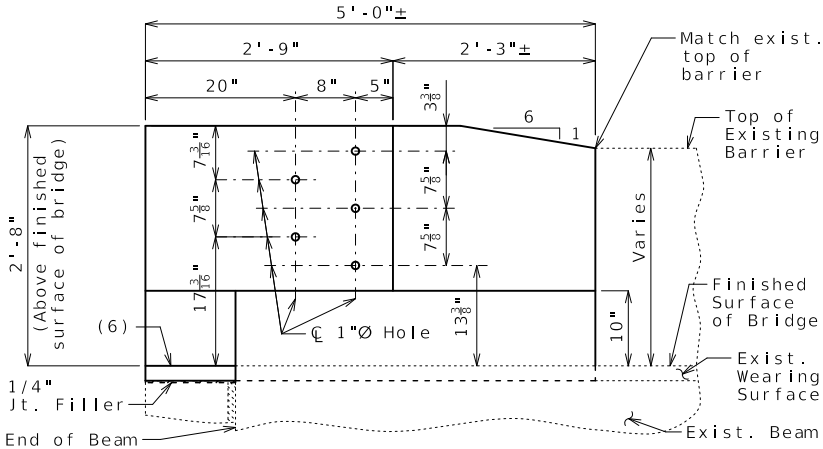
PART ELEVATION SHOWING CONCRETE REMOVAL



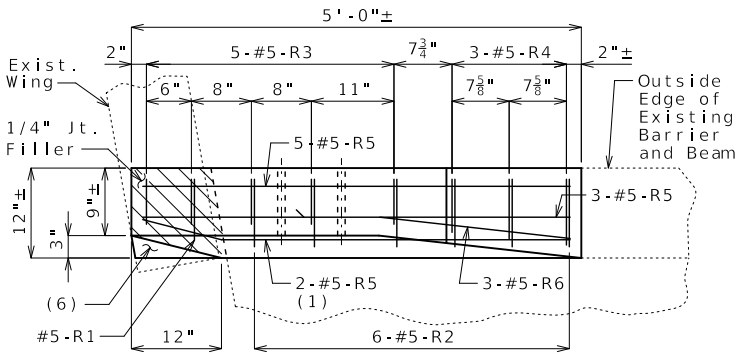
TANGENT BRIDGE PLAN (3)



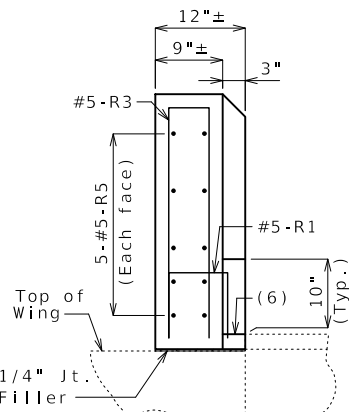
ELEVATION SHOWING REINFORCEMENT (3)



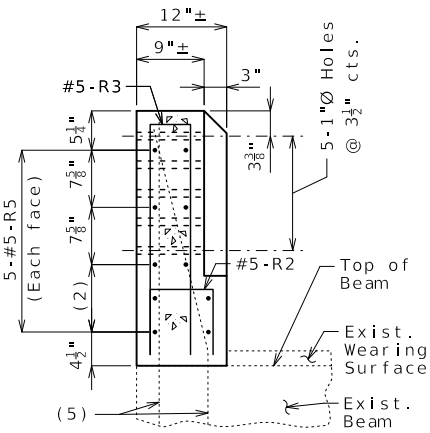
ELEVATION



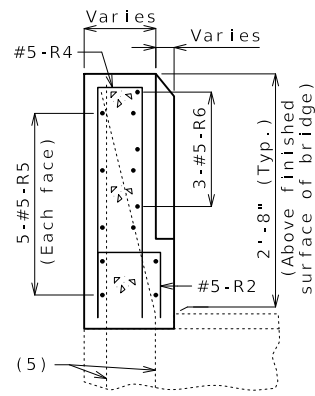
SKEWED BRIDGE PLAN (3)



ELEVATION A-A



SECTION B-B (4)



SECTION C-C (4)

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Unit Stresses:
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Reinforcing Steel (ASTM A615 Grade 60) $fy = 60,000$ psi

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Miscellaneous:
One lane of traffic shall remain open during construction. See roadway plans for traffic control.

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

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- (1) Bend in field.
- (2) 2 Spa. @ 4 1/2"
- (3) Existing reinforcement not shown for clarity.
- (4) Existing longitudinal reinforcement not shown for clarity.
- (5) Existing reinforcement embedded in beam (U.I.P.) (Bend in field as needed) (Typ.)
- (6) Fill with mortar or concrete.

BARRIER MODIFICATION FOR GUARDRAIL ATTACHMENT

STATE OF MISSOURI
GARRETT L. HAGER
NUMBER
PE-2023000437
PROFESSIONAL ENGINEER
Garrett L. Hager
CIVIL ENGINEER
GARRETT L. HAGER - CIVIL
MO-PE-2023000437

DATE PREPARED
7/14/2026

ROUTE
VARIES

DISTRICT
BR

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JOB NO.
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DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

