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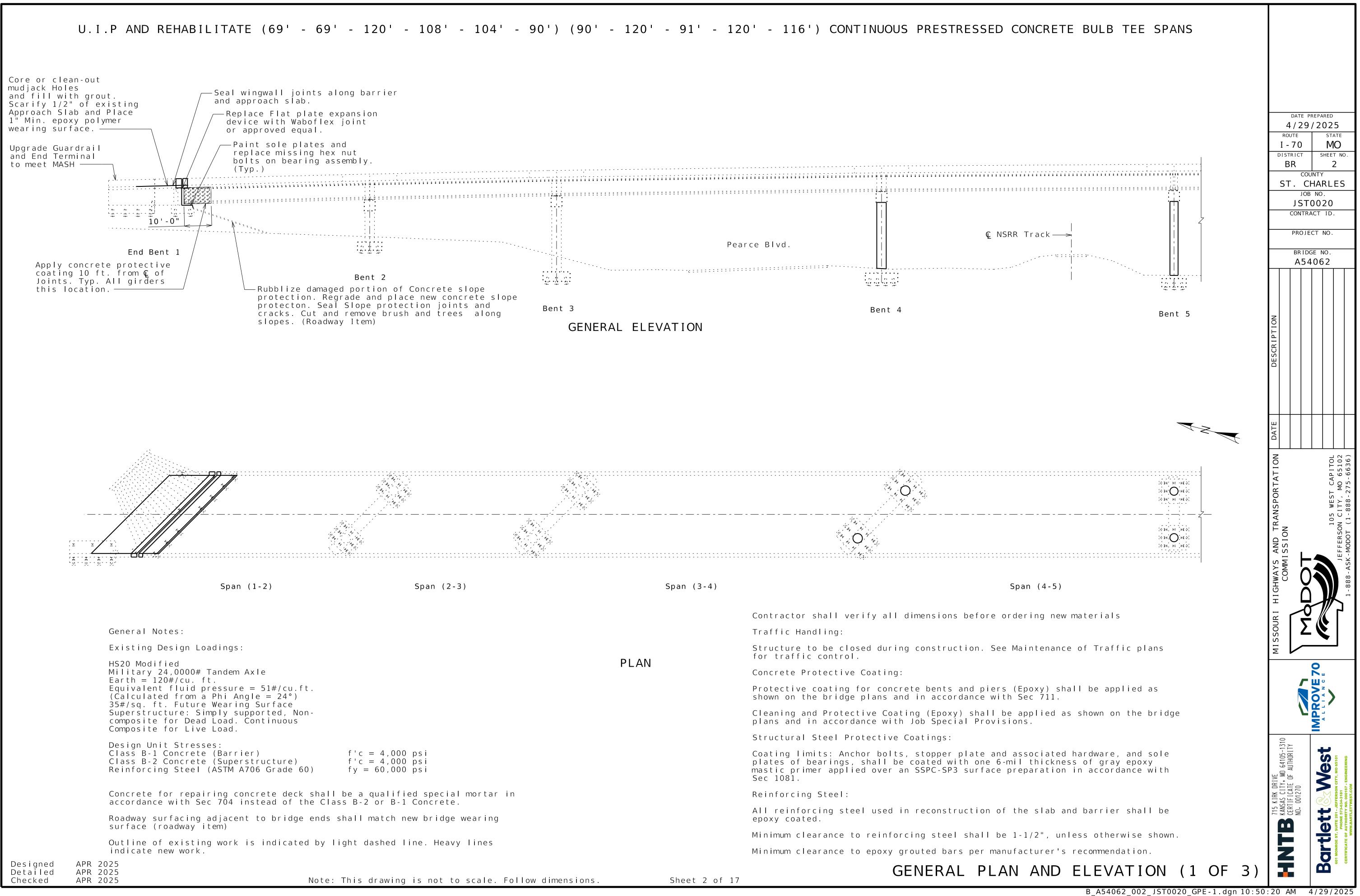
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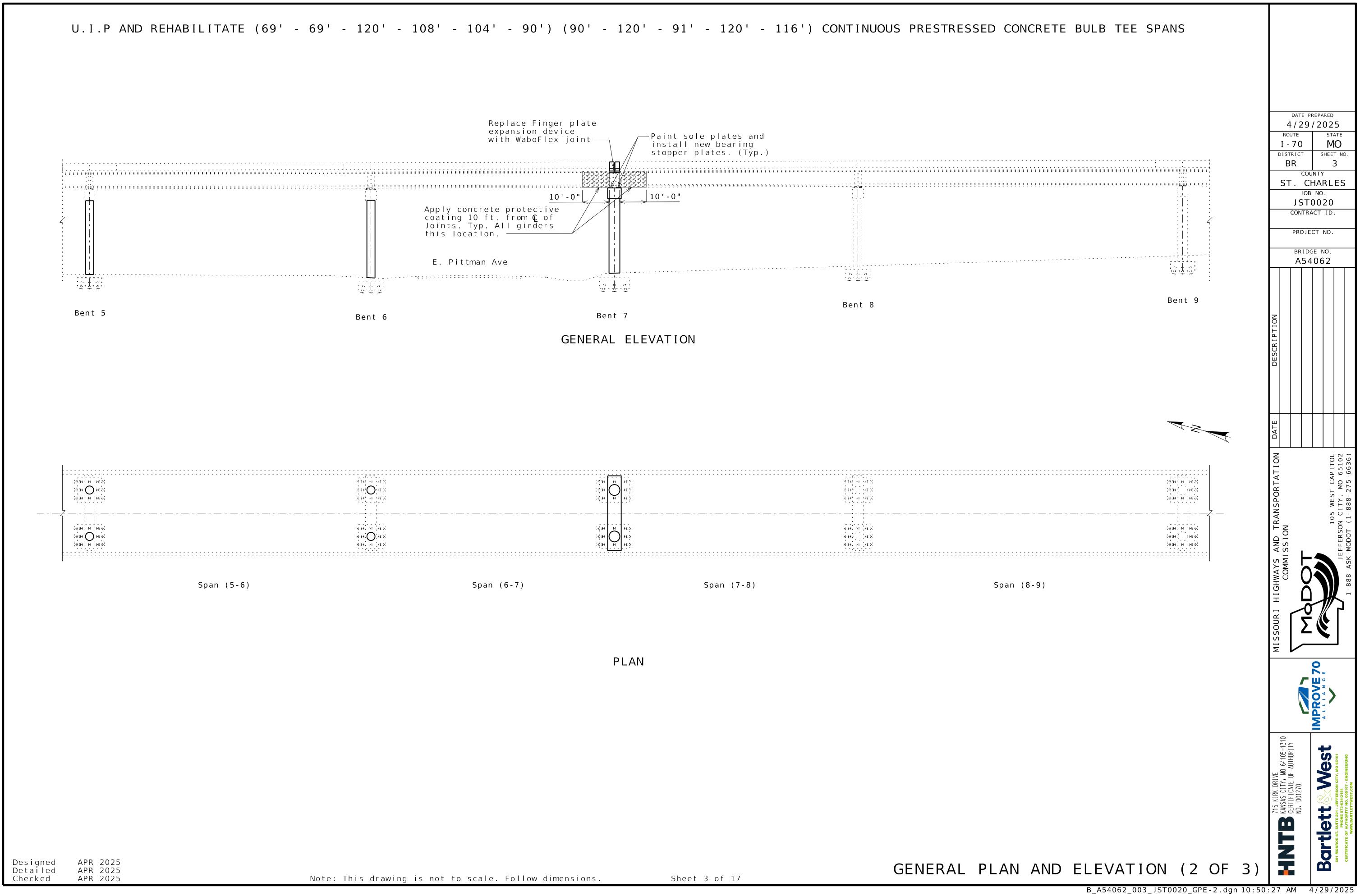
BRIDGE: RAMP 619 NORFOLK P I TMAN

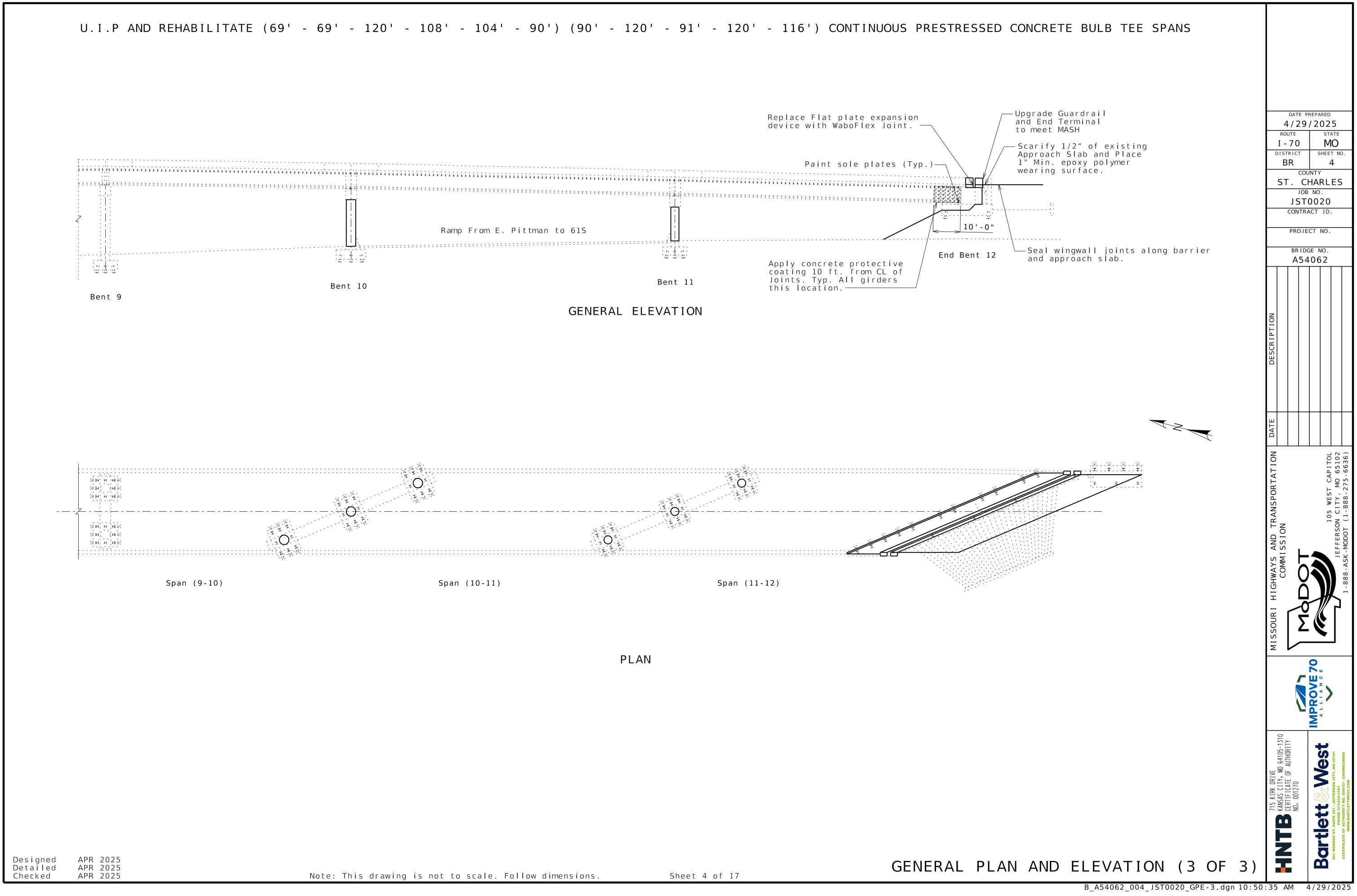
Note: This drawing is not to scale. Follow dimensions.

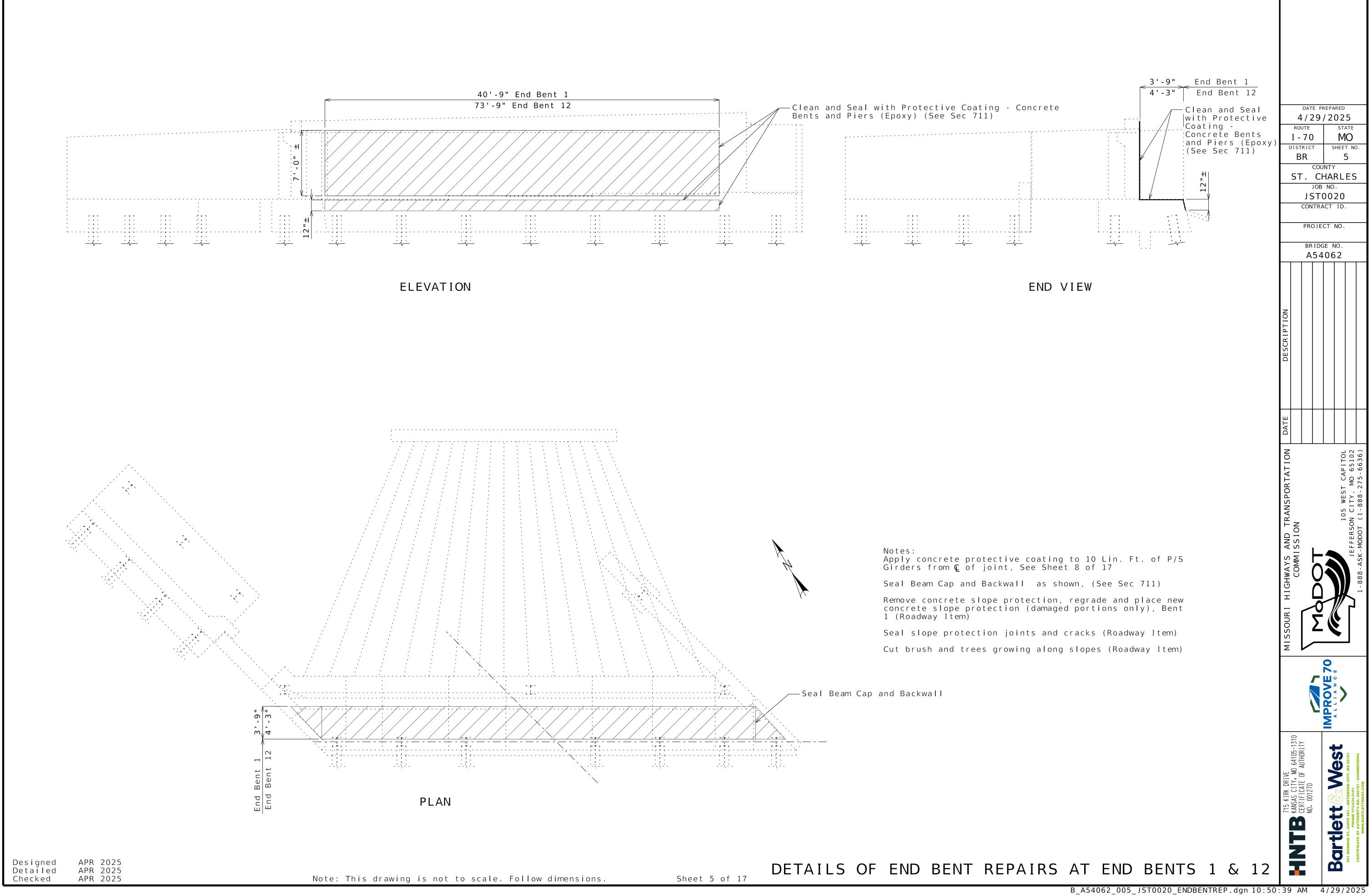
Sheet 1 of 17

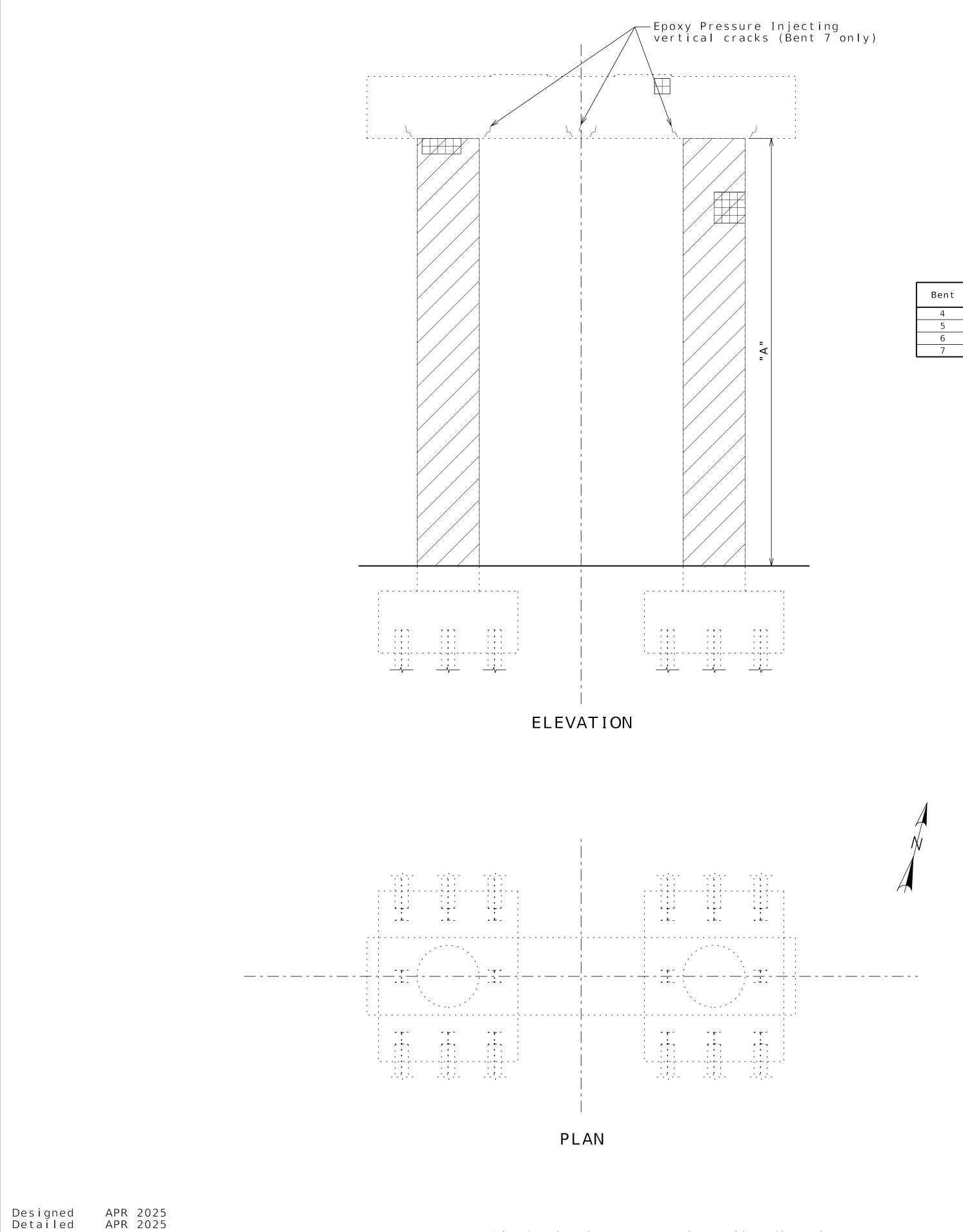
CONCRETE BULB TEE SPANS	DAT	E PREPARED
DRAWINGS INDEX OF DRAWINGS IND ELEVATION (1 OF 3) IND ELEVATION (2 OF 3) IND ELEVATION (3 OF 3) BENT REPAIRS AT END BENTS 1 & 12 AIRS AT BENTS 10 & 11 AIRS AT BENTS 10 & 11 AIRS AT SUPERSTRUCTURE PPER PLATES AND REPLACEMENT AT END BENT 1 & 12 AND REPLACEMENT AT END BENT 1 & 12 AND REPLACEMENT AT BENT 7 ANSION JOINT SYSTEM AT BENT 7 ANSION JOINT SYSTEM AT BENT 7 TAILS CH SLAB REPAIR AGRAMS CING	5 / ROUTE I - 70 DISTRICT BR ST . J S CON PRC BR	1/2025 STATE MO
	MISSOURI HIGHWAYS AND TRANSPORTATION DATE COMMISSION	1 000 ACV MODEL (1 000 275 6526)
		IMPROVE 70
IS TO 70W OVER PEARCE BLVD., < SOUTHERN RAILROAD, AVE. AND OLD RTE. 61	HLANDB KANSAS CITY, MD 64105-1310 CERTIFICATE OF AUTHORITY NO. 001270	Bartlett & West 601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101 PHONE 573-634-3181 CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING











APR 2025 Checked

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

DRAFT FOR CONSTRUCTABILITY REVIEW – NOT FOR CONSTRUCTION

Sheet 6 of 17

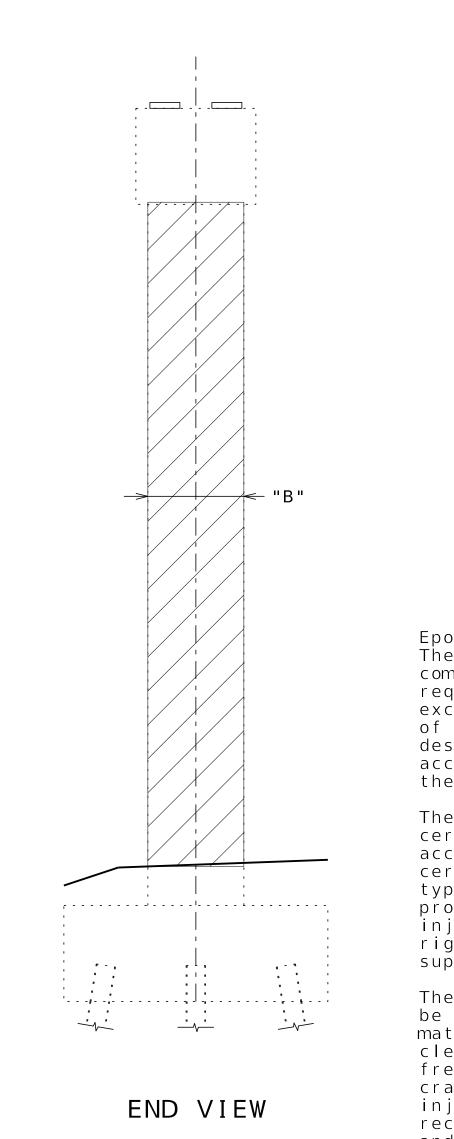
Dim "A

24'-0"

26'-6"

28'-0"

27'-0"



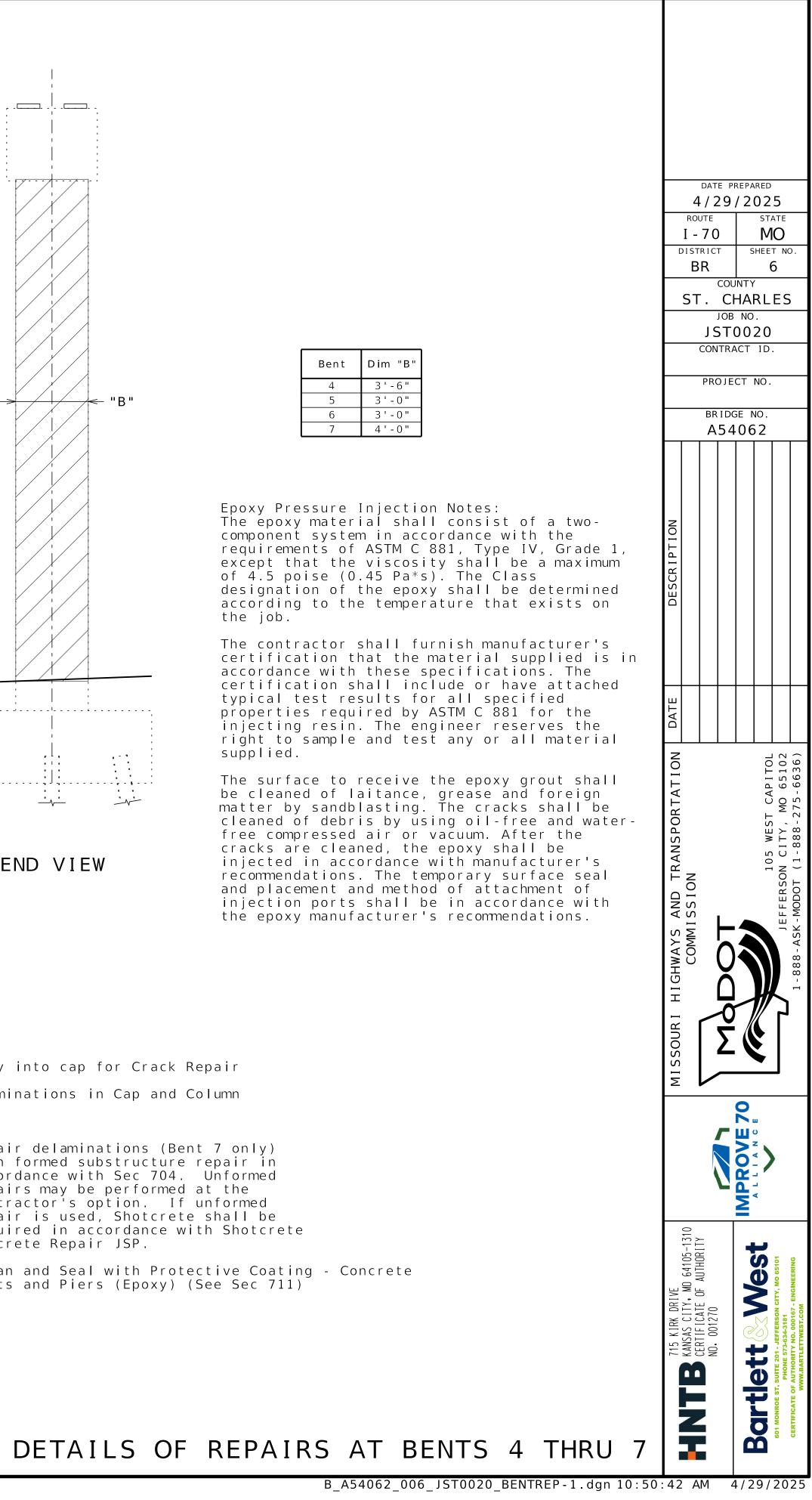
Notes: Inject Epoxy into cap for Crack Repair Repair Delaminations in Cap and Column

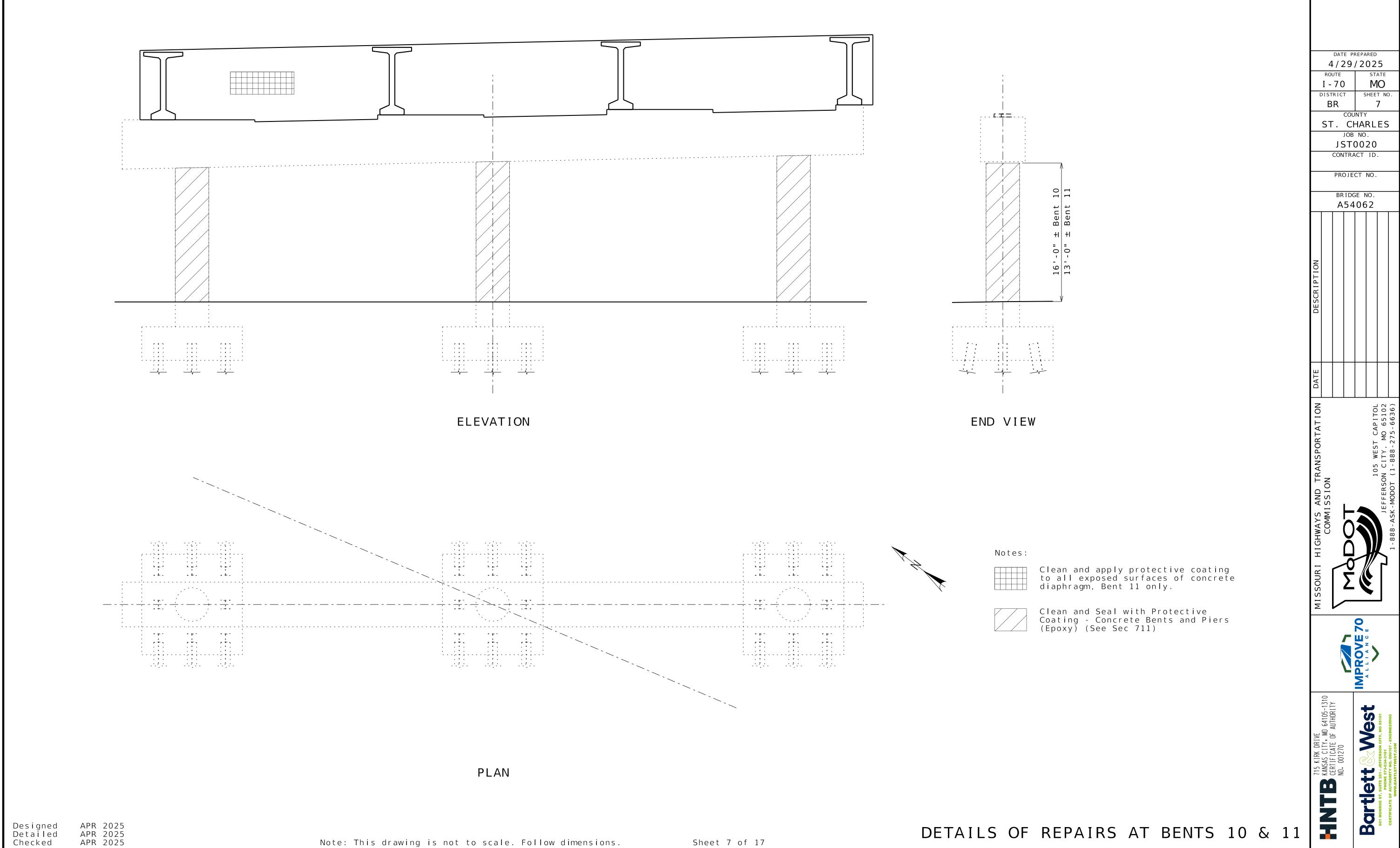


Repair delaminations (Bent 7 only) with formed substructure repair in accordance with Sec 704 Unformed repairs may be performed at the contractor's option. If unformed repair is used, Shotcrete shall be required in accordance with Shotcrete Concrete Repair JSP.

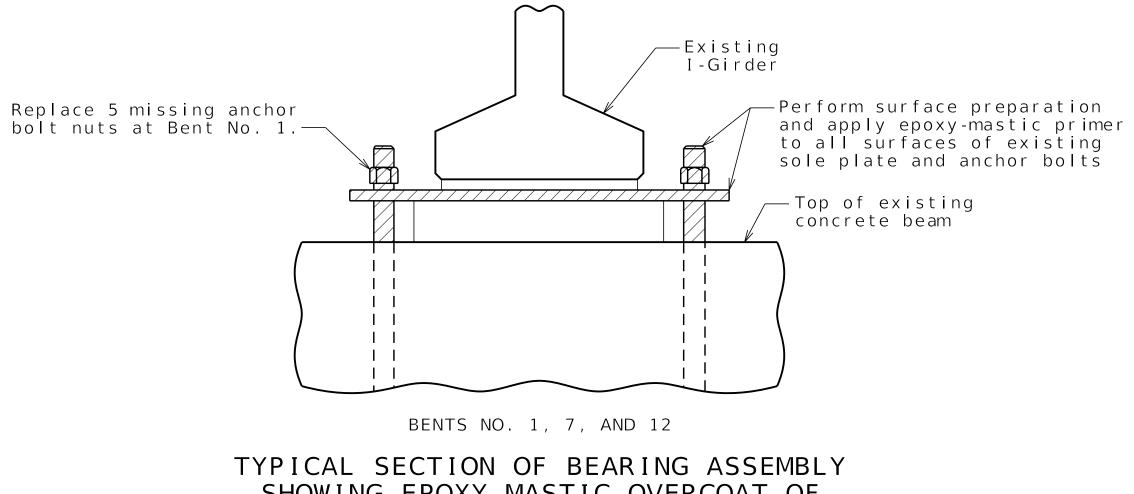


Clean and Seal with Protective Coating - Concrete Bents and Piers (Epoxy) (See Sec 711)

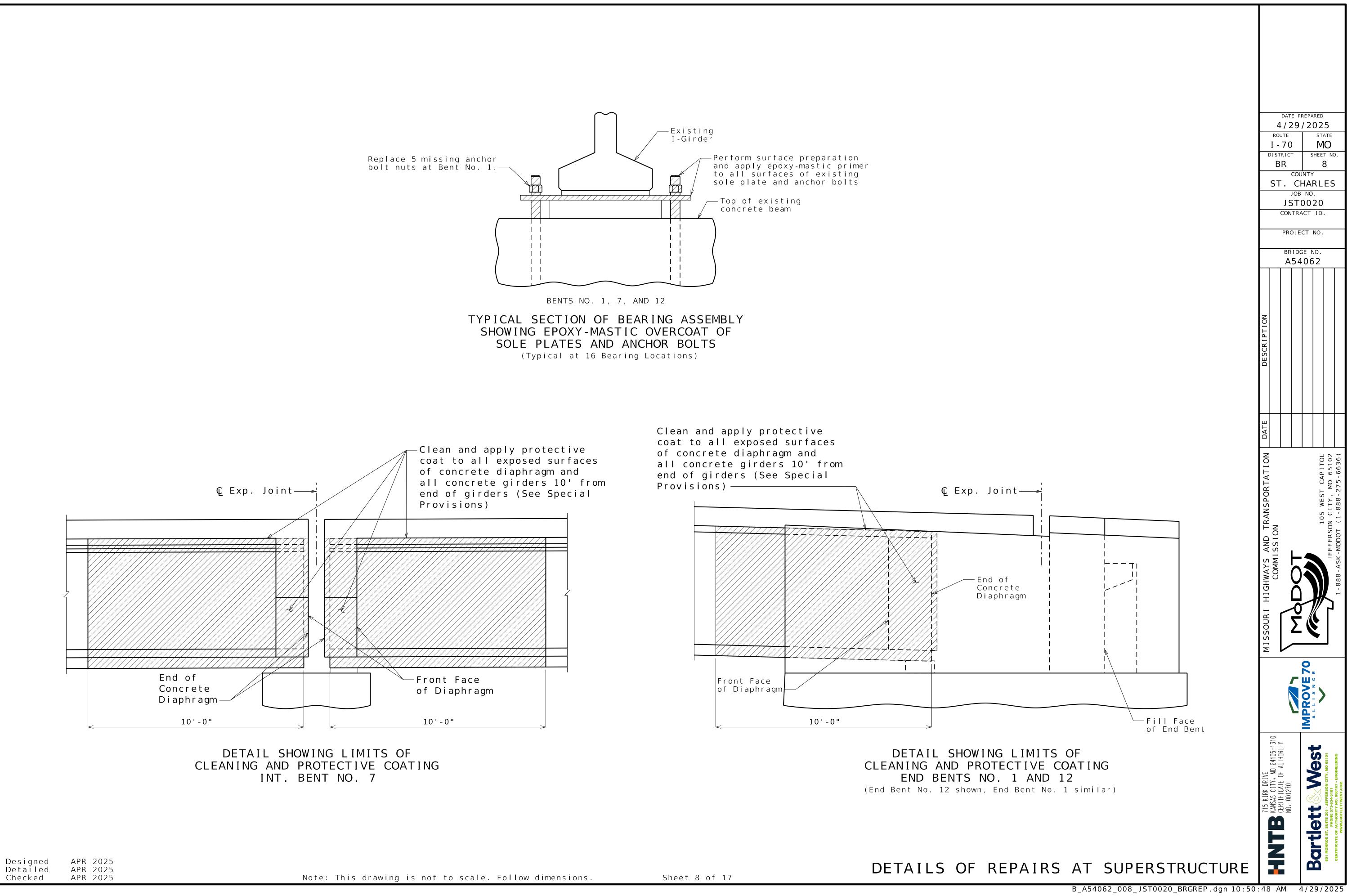


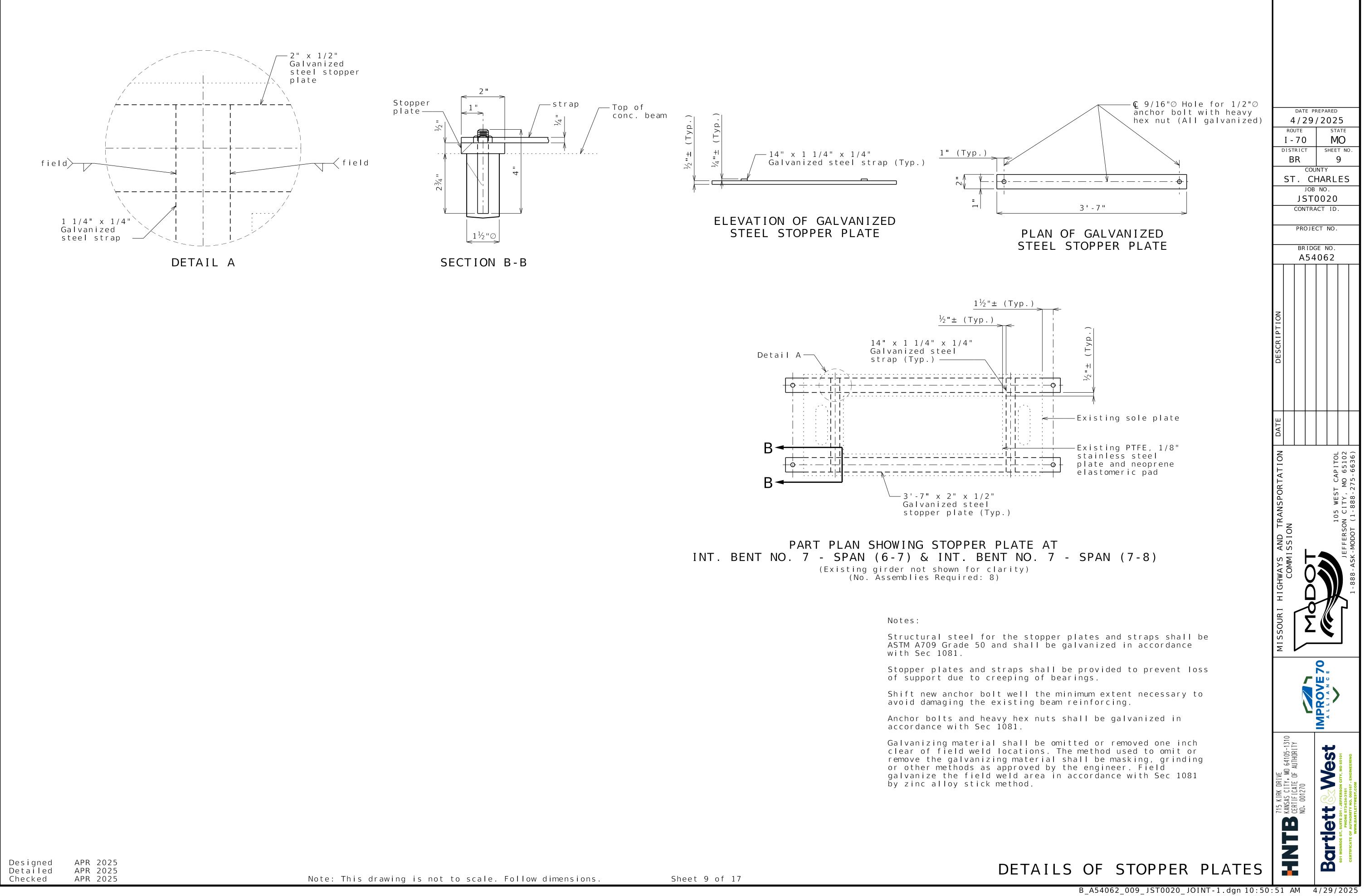


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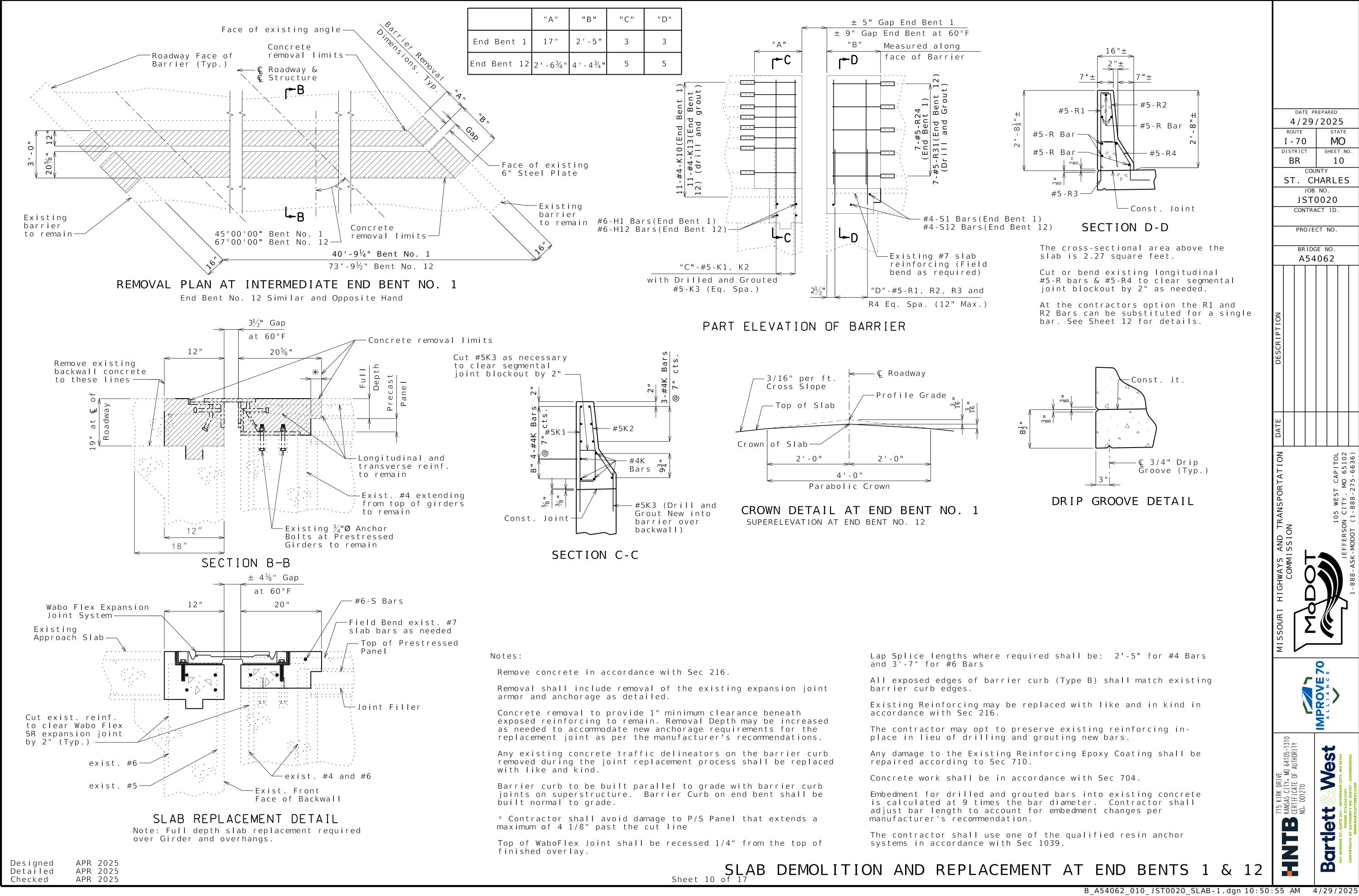




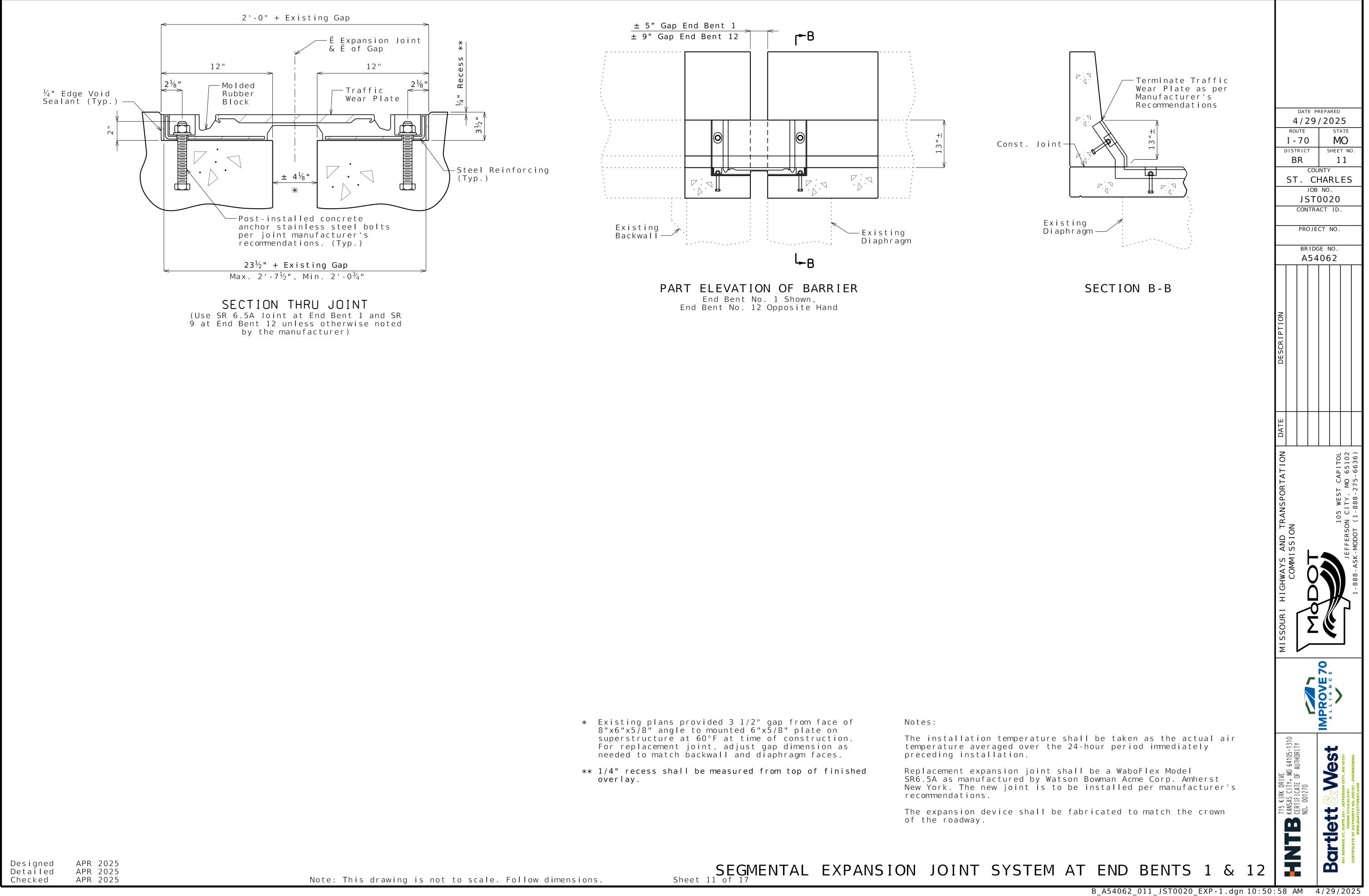




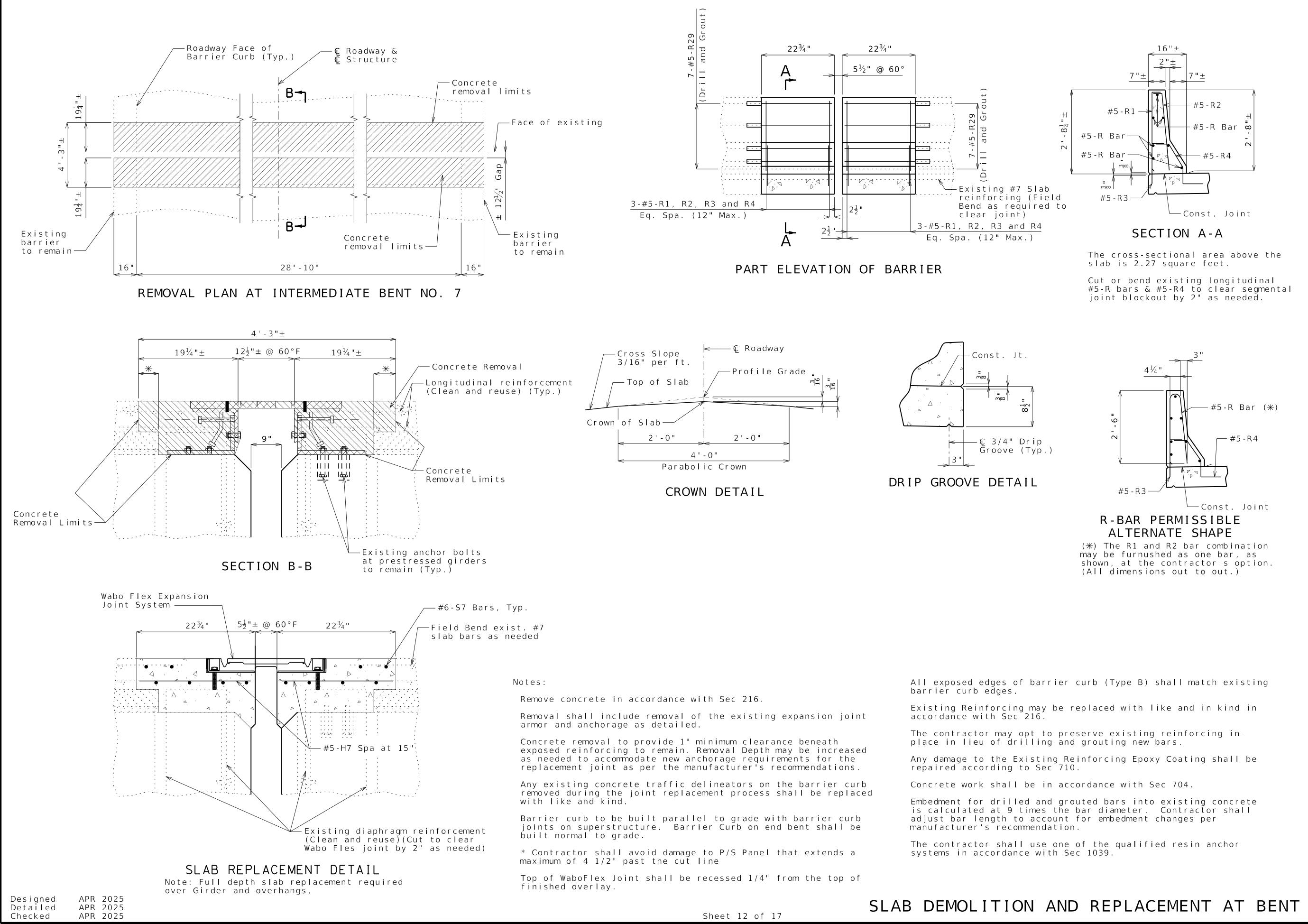
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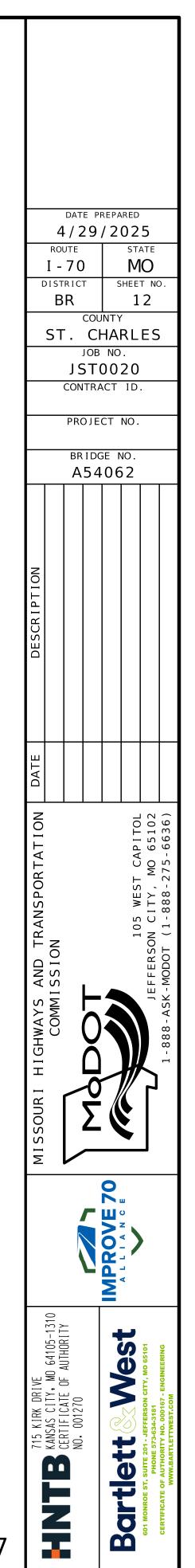


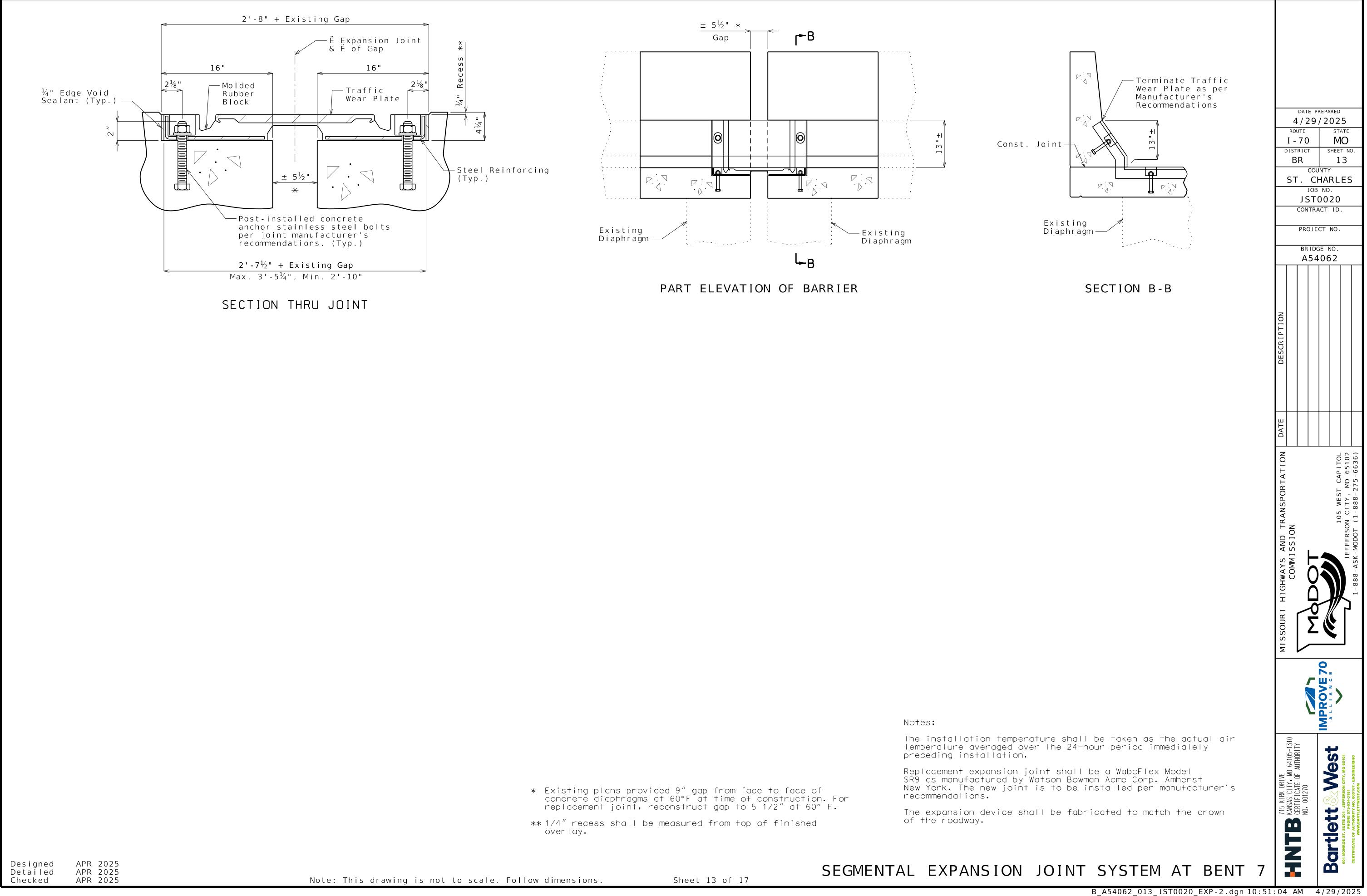
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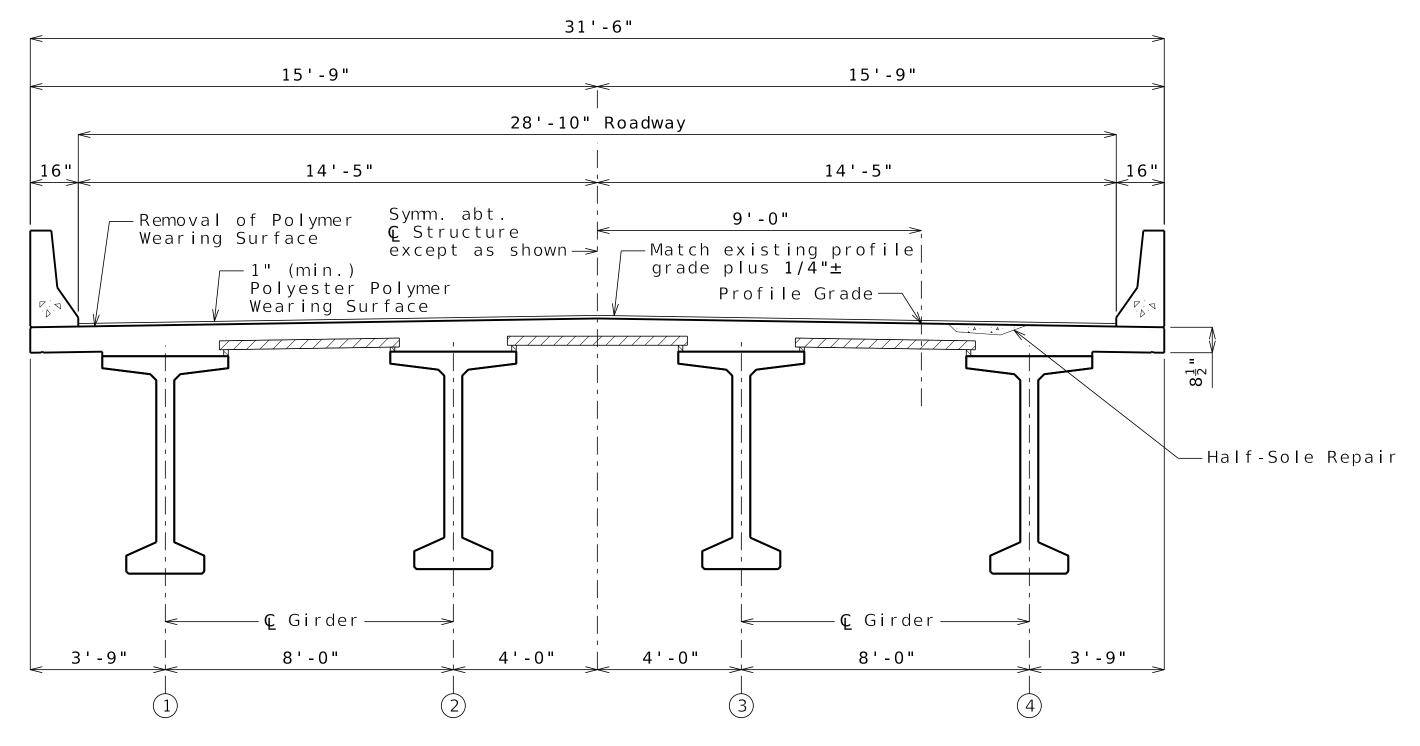
The cross-sectional area above the

B_A54062_012_JST0020_SLAB-2.dgn 10:51:01 AM 4/29/2025

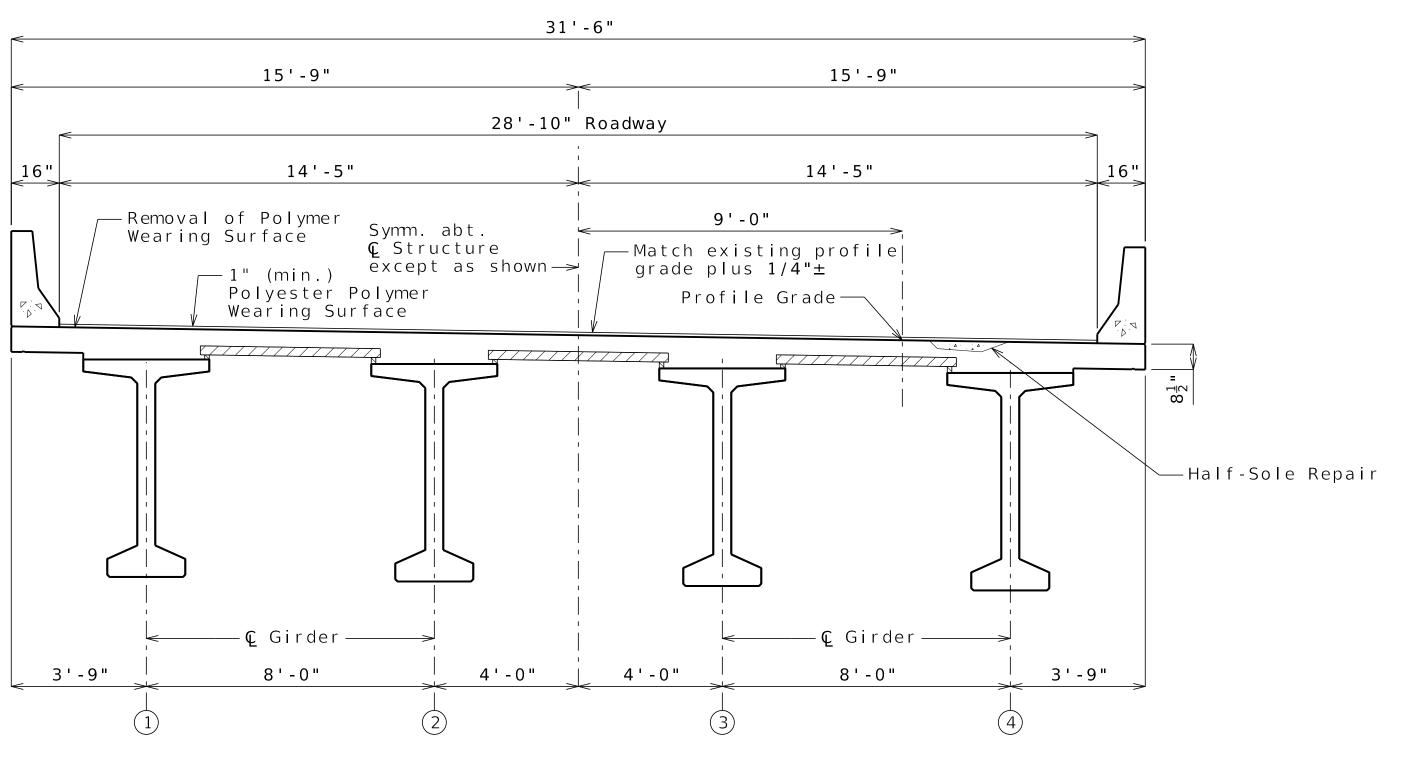




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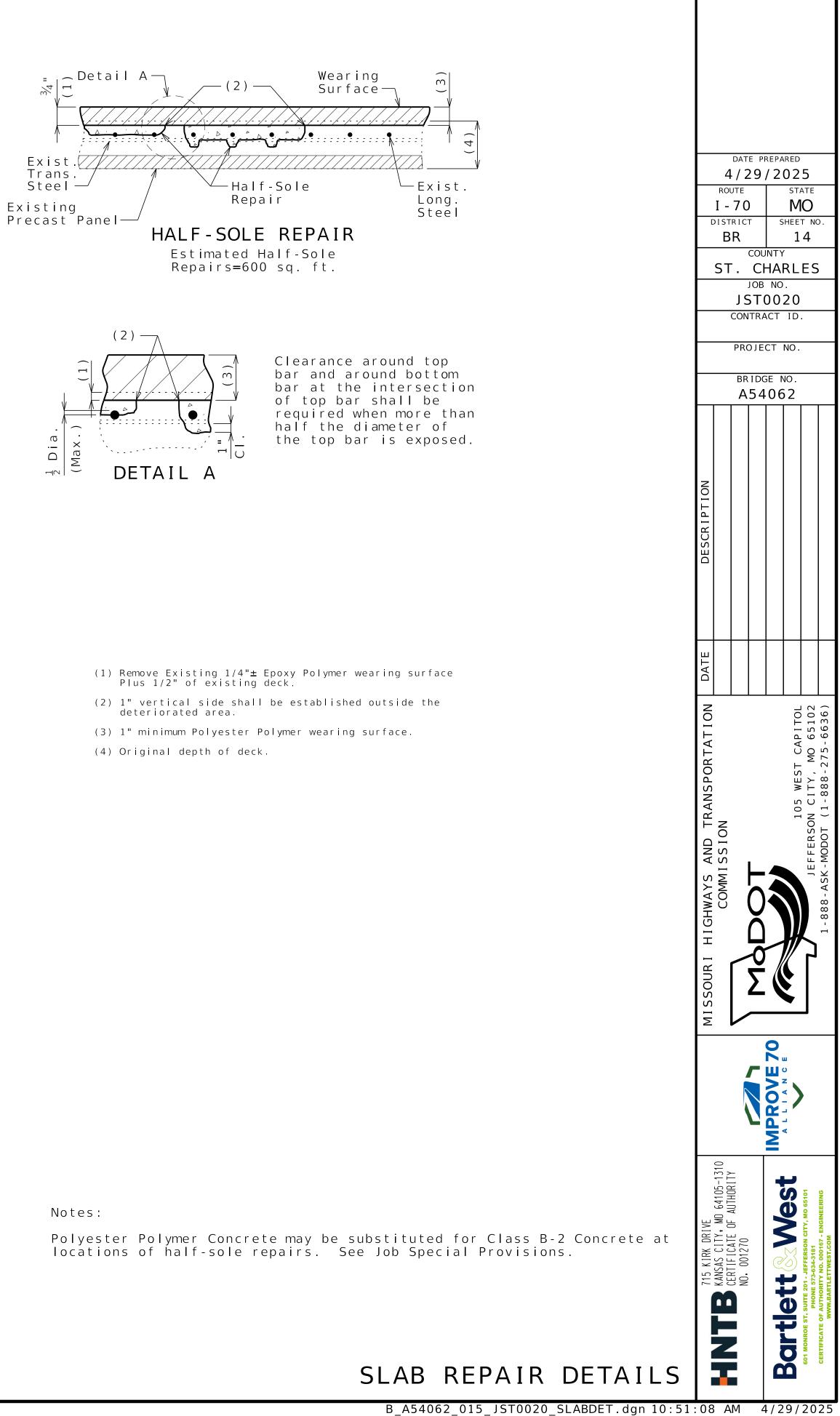


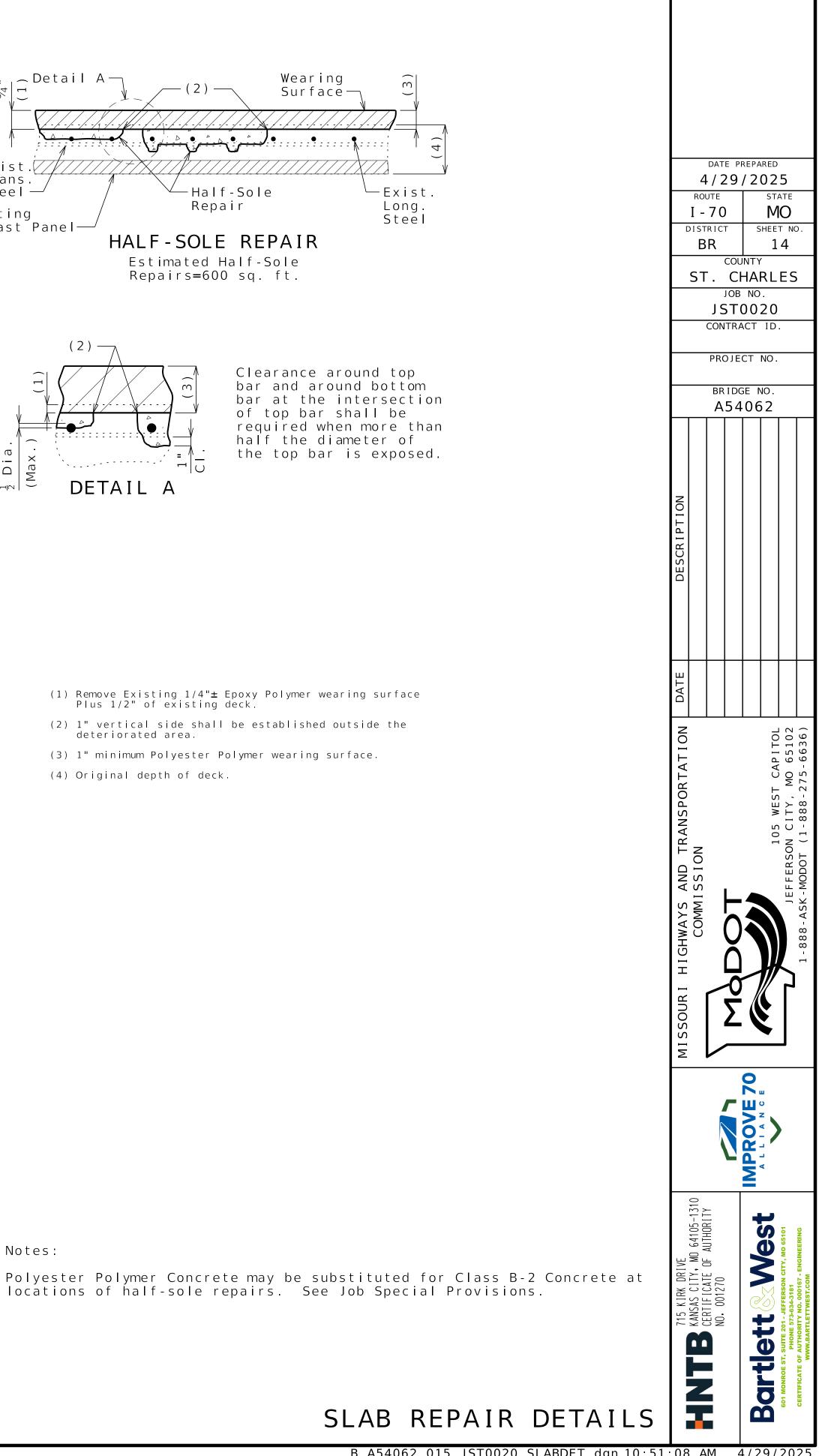
TYPICAL TANGENT SECTION THRU SLAB

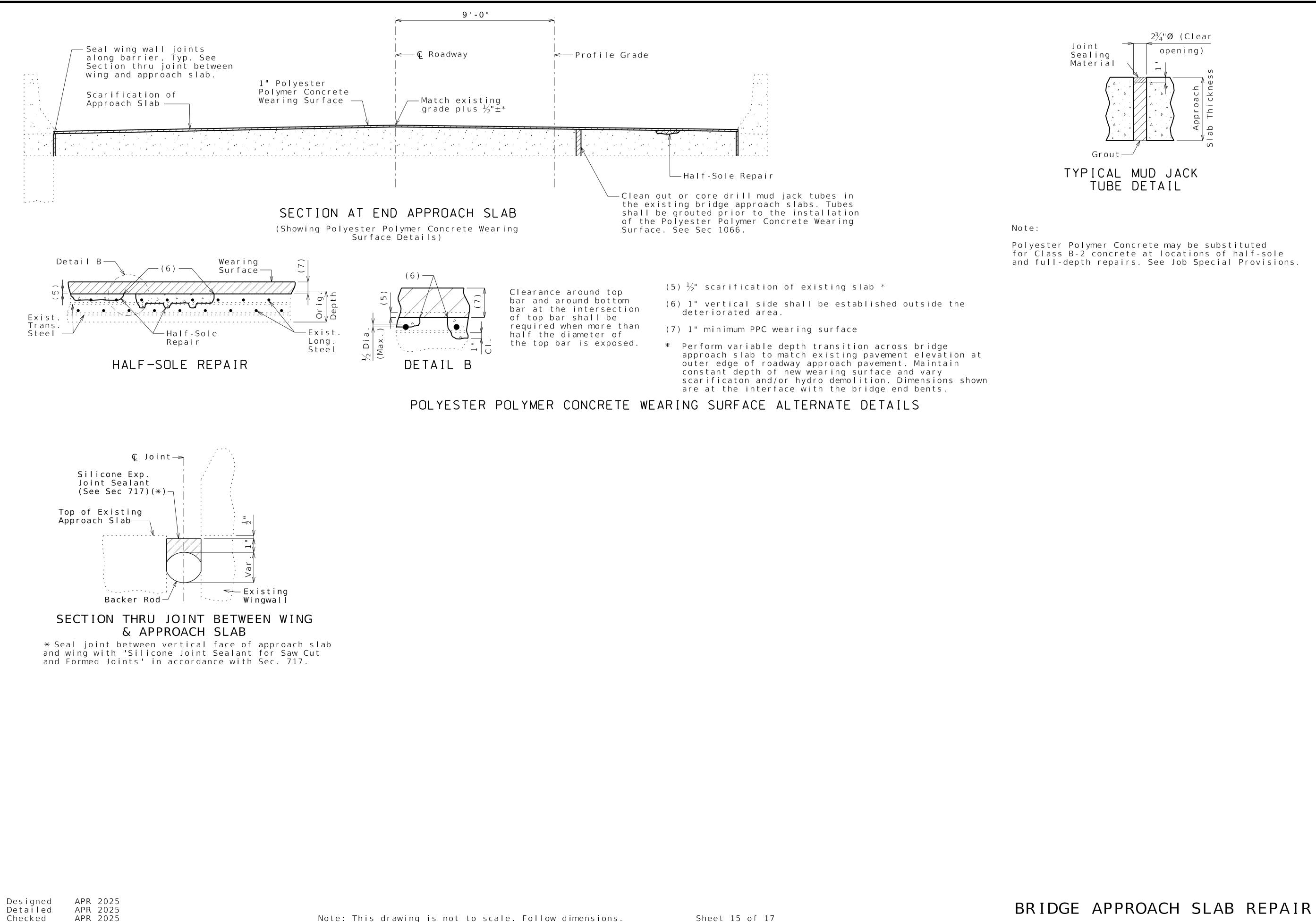


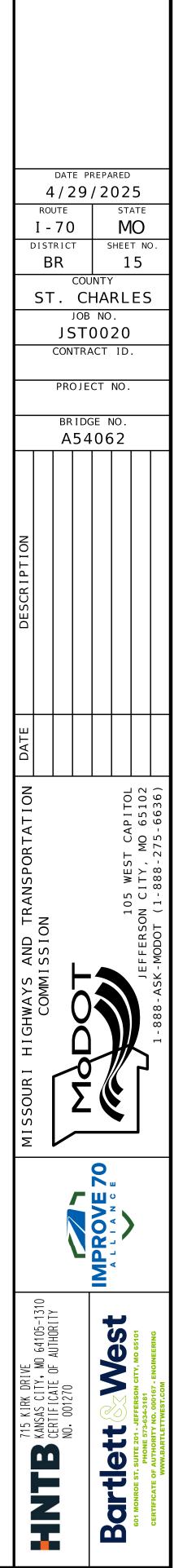
SUPERELEVATION SECTION THRU SLAB

Designed Detailed Checked	APR 2025 APR 2025 APR 2025		Note:	This	drawing	i s	not	to	sca

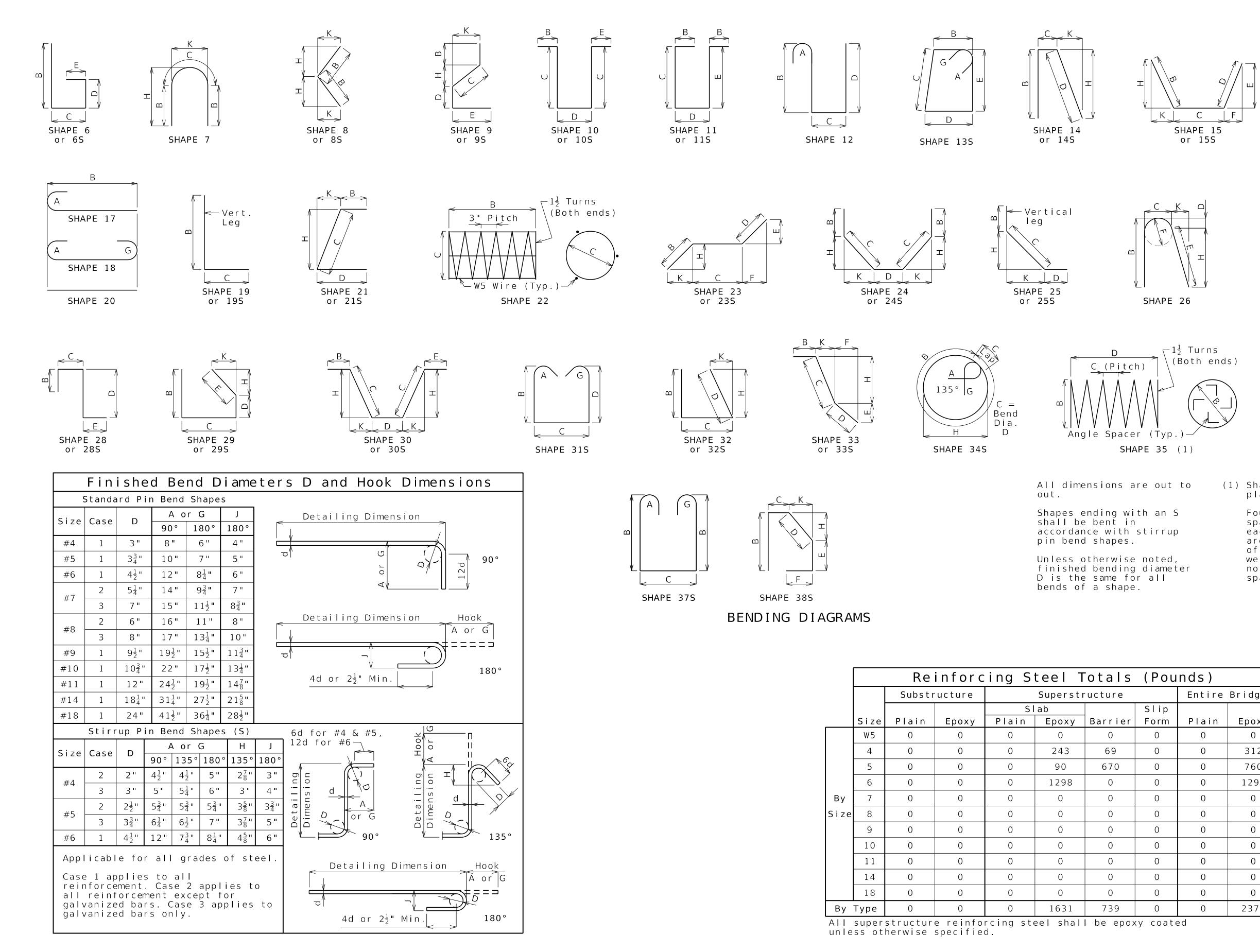








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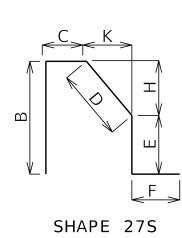


Detailed APR 2025 Checked APR 2025

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

DRAFT FOR CONSTRUCTABILITY REVIEW – NOT FOR CONSTRUCTION

		Reinforcing Steel Totals (Pounds													
		Substr	ucture		Superstr	ucture		Entire Bridge							
				SI	ab		Slip								
	Size	Plain	Ероху	Plain	Epoxy	Barrier	Form	Plain	Ероху						
	₩5	0	0	0	0	0	0	0	0						
	4	0	0	0	243	69	0	0	312						
	5	0	0	0	90	670	0 0		760						
	6	0	0	0	1298	0	0	0	1298						
Ву	7	0 0		0	0	0	0	0	0						
Size	8	0	0	0	0	0	0	0	0						
	9	0	0	0	0	0	0	0	0						
	10	0	0	0	0	0	0	0	0						
	11	0	0 0		0	0	0	0	0						
	14	0	0	0	0	0	0	0	0						
	18	0	0	0	0	0	0	0	0						
Ву	Туре	0	0	0	1631	739	0	0	2370						



SHAPE 16

(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

SHAPE 36

G

weight of column spirals do not include splices or spacers.

DATE PREPARED 4/29/2025 ROUTE STATE I - 70 MO DISTRICT SHEET NO. BR 116 COUNTY ST. CHARLES JOB NO. JST0020 CONTRACT ID. PROJECT NO. BRIDGE NO. A54062 UIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII											
DISTRICT BR 16 COUNTY ST. CHARLES JOB NO. JST0020 CONTRACT ID. PROJECT NO. BRIDGE NO. A54062 BRIDGE NO. A54062 I I I I I I I I I I I I I I I I I I I	4/29/2025 ROUTE STATE										
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BAR BENDING DIAGRAMS

No.	Size/		Codes	B	С	D	imension E	F	H	
Req.	Mark	Location		′ftin.	ft in.	ft in.	ft in.	ft in.	ft in.	ft
16 16	5 K1 5 K2	BARR I ER BARR I ER	E 195 E 145	3 1.000 5.125					2.000) 17
16	5 K3	BARRIER	E 275	2 4.000	5.125	12.250	18.000		10.000) 7
28 28	5 R1 5 R2	BARR I ER BARR I ER	E 19S E 15S	2 6.000 2 6.250					2 6.125	5 3
28 28	5 R3 5 R4	BARR I ER BARR I ER	E 195 E 275	17.000	6.000 6.000		7.000	12.000	9.125	5 6
14 28	5 R24 5 R29	BARR I ER BARR I ER	E 20 E 20	2 10.000 2 3.000						
14	5 R31	BARRIER	E 20	4 9.000						
	4 1/10									<u> </u>
22 22	4 K10 4 K13	BARR I ER BARR I ER	E 20 E 20	22.000 2 10.000						
										<u> </u>
4 52	6 H1 5 H7	END BENT 1 BENT 7	E 23 E 20	14.000 19.750	40 9.000	14.000	9.875	9.875	9.875	5 9
8	6 H12	END BENT 12	E 20		38 9.000				12.875	5 5
3	4 S1 6 S7	END BENT 1 BENT 7	E 23 E 20	14.000 31 3.000	40 9.000	14.000	9.875	9.875	9.875	5 9
6	4 S12	END BENT 12	E 23		38 2.000				12.875	5 5
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are	listed t	oths are based o the nearest i line bar to the	nch for	fabricato	or's use.	Actual	lengths	aremeas	ured	COUR
	_	diagrams and st			-			2		

							•		•		Bill o	f Reinfor									
		gth		Weight	No.	Size/		Codes		В	С	D imen s D E		F H	К		Actual Length				
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