

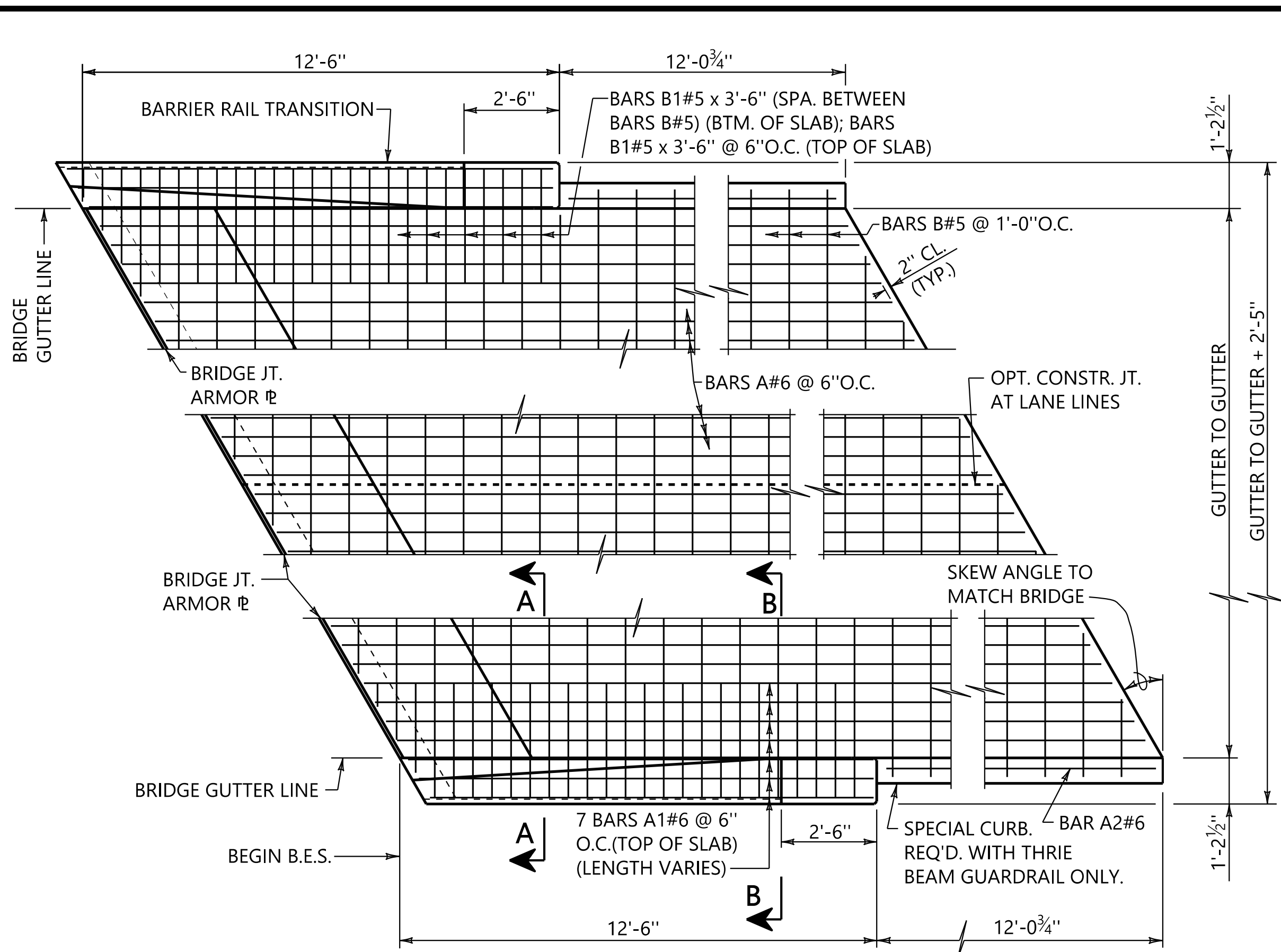
0 1" 2" SHEET REFERENCE

\\brvms02\BridgeStandard\Special Bridge Special DGN\New for 2025\BES-BP Bridge End Slab Details.dgn

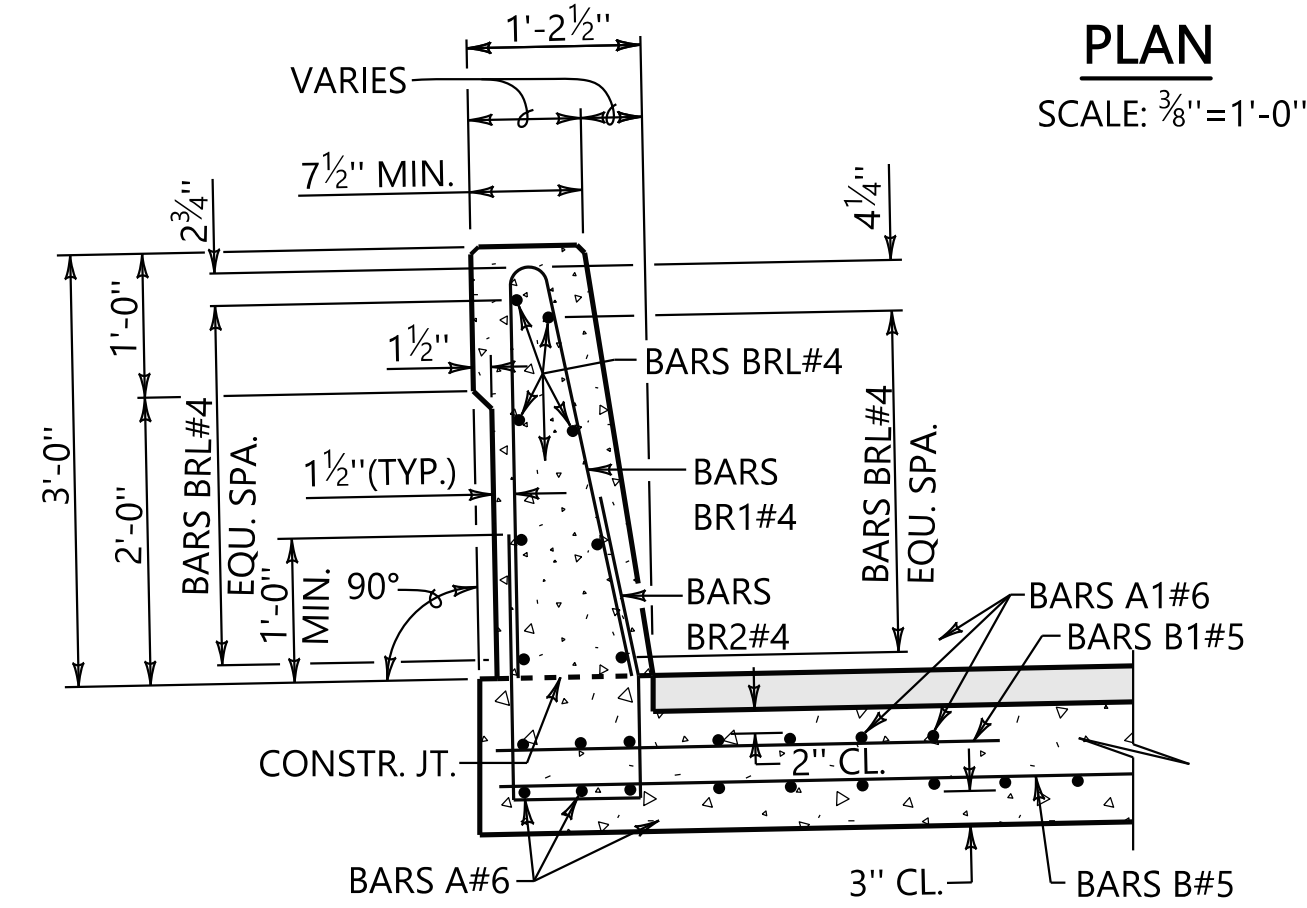
ALABAMA DEPARTMENT OF TRANSPORTATION

ALDOT ORIGINAL CONTRACT DRAWINGS

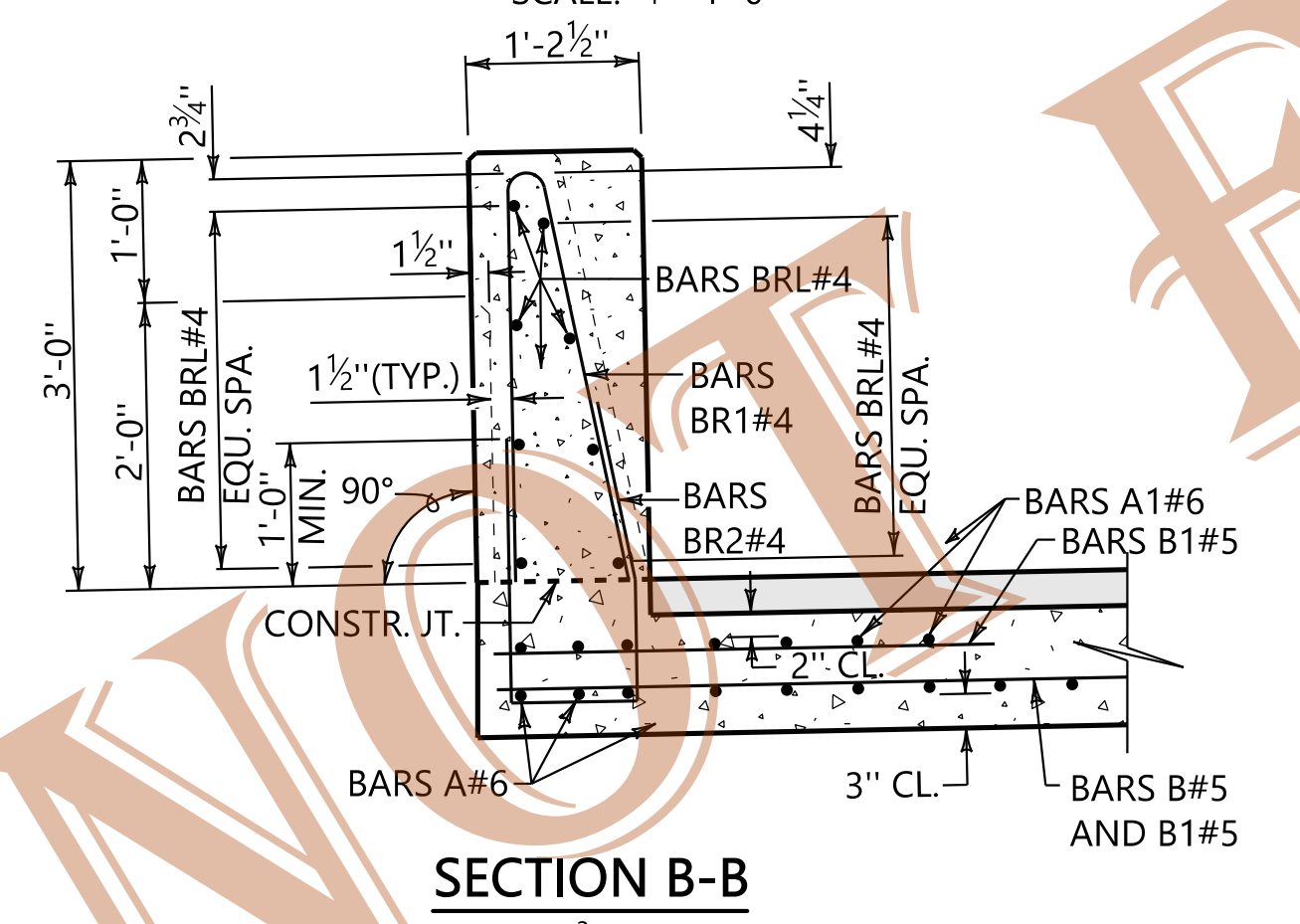
PLOTTED: 27-Jan-25 at 14:04



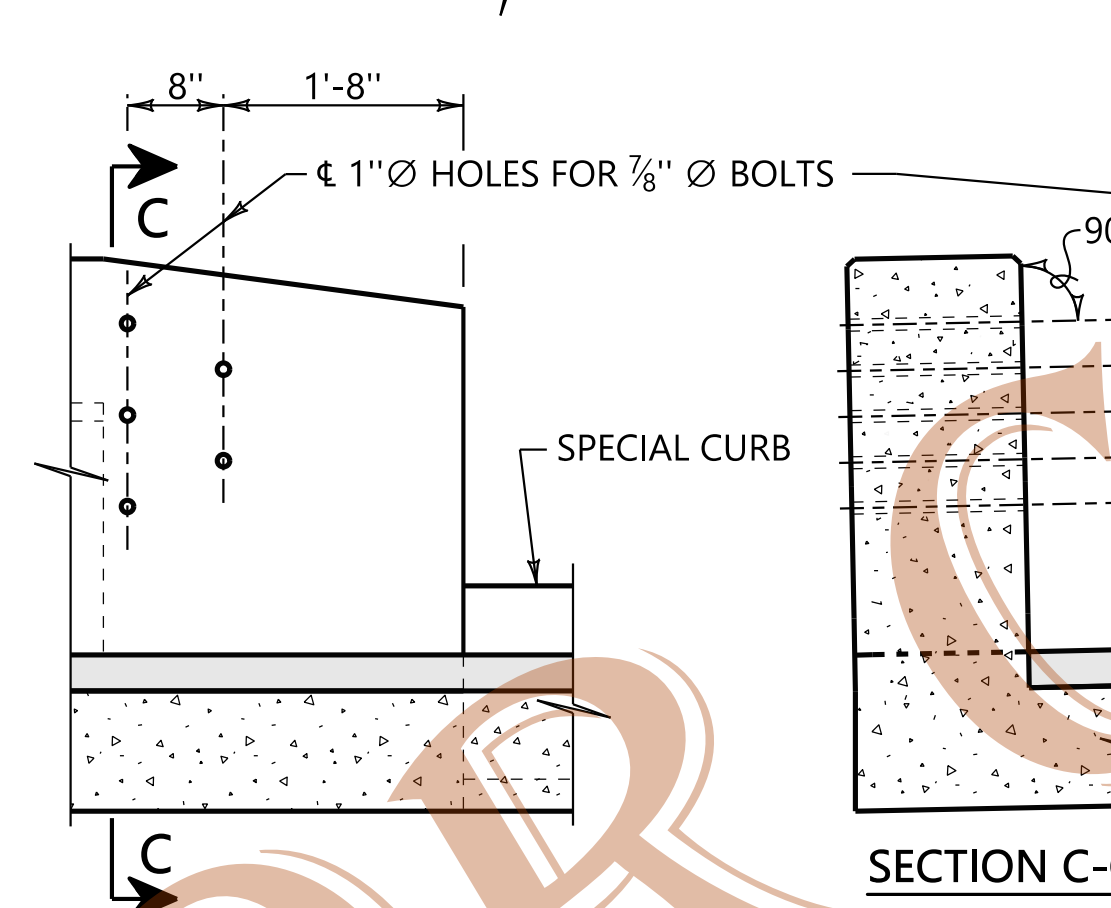
PLAN
SCALE: 3/8"=1'-0"



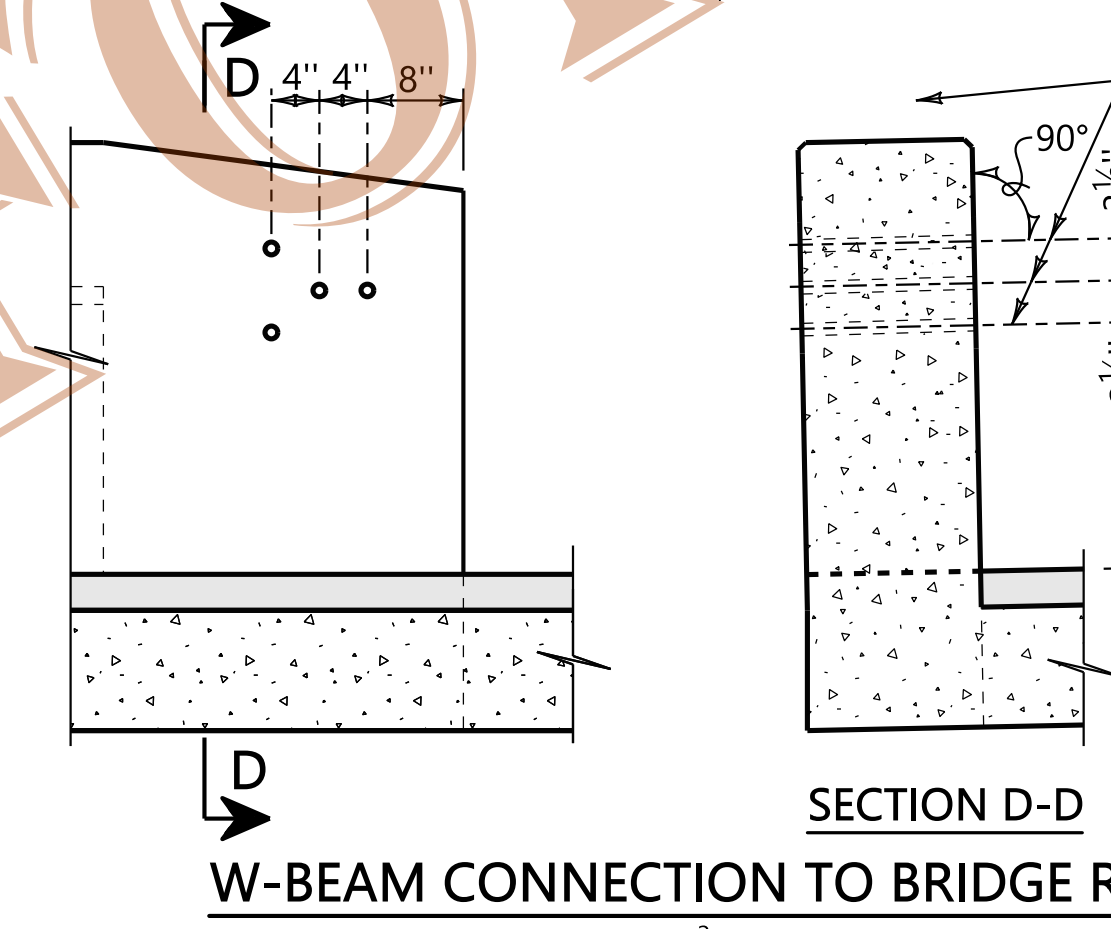
SECTION A-A
SCALE: 3/4"=1'-0"



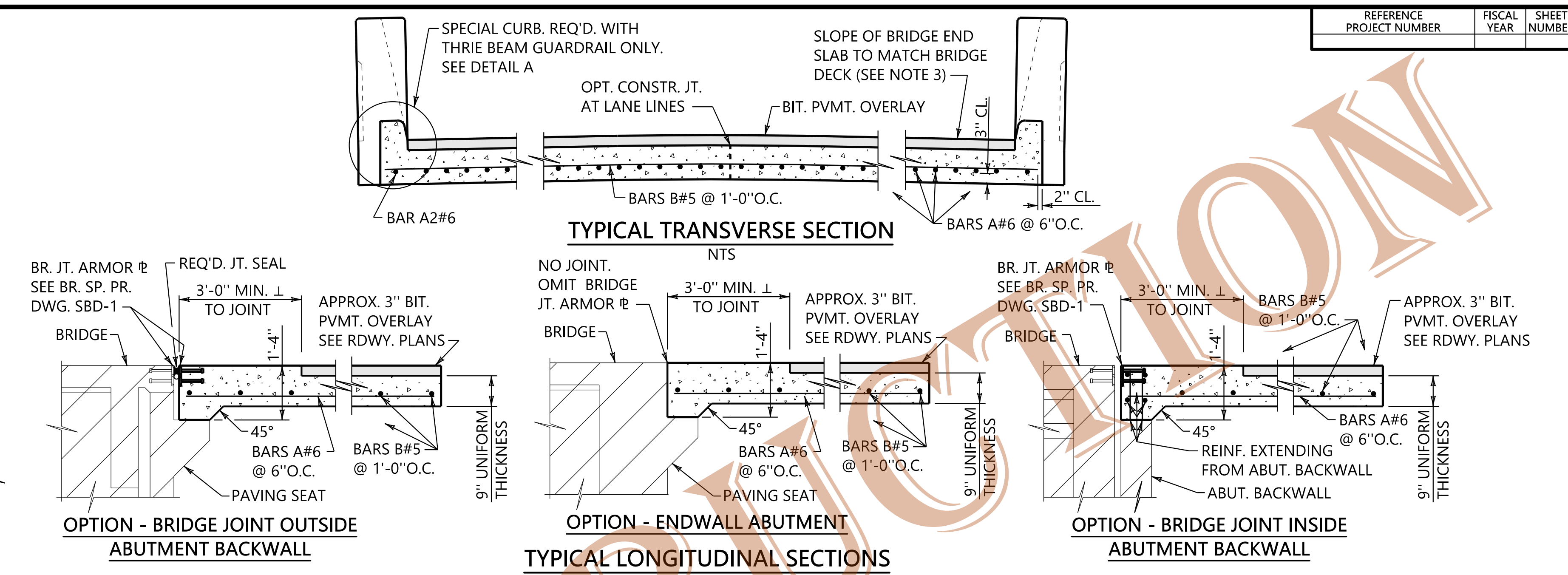
SECTION B-B
SCALE: 3/4"=1'-0"



THRIE BEAM CONNECTION TO BRIDGE RAIL
SCALE: 3/4"=1'-0"

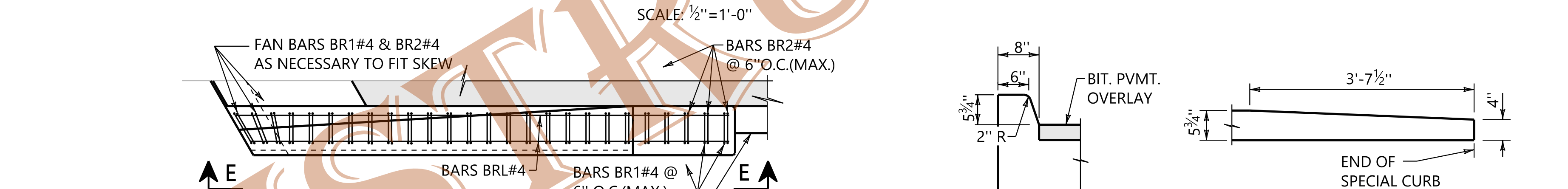


W-BEAM CONNECTION TO BRIDGE RAIL
SCALE: 3/4"=1'-0"



TYPICAL TRANSVERSE SECTION

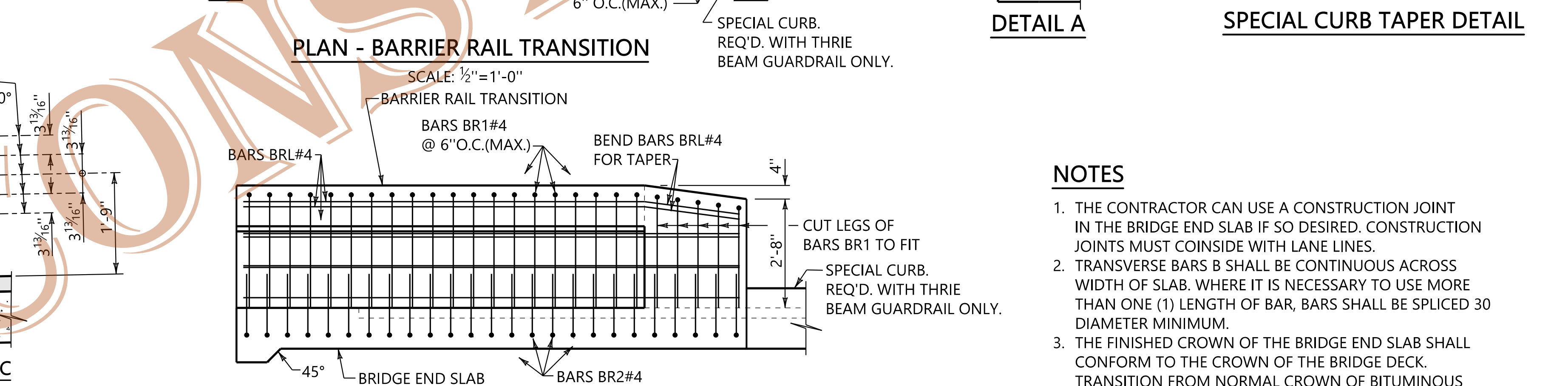
TYPICAL LONGITUDINAL SECTIONS



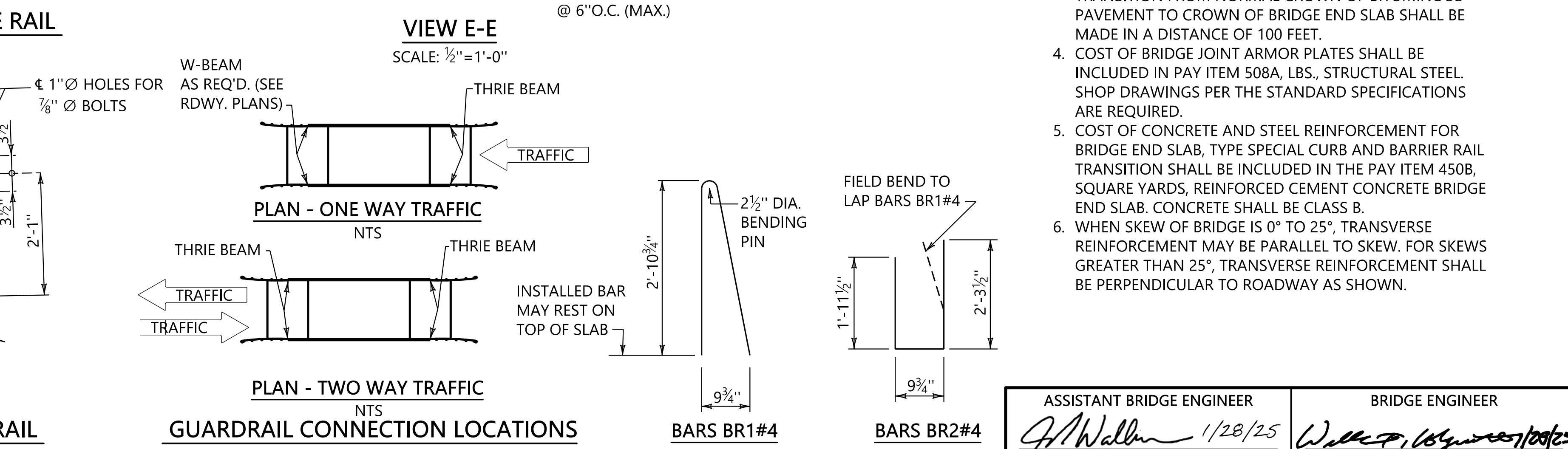
PLAN - BARRIER RAIL TRANSITION
SCALE: 1/2"=1'-0"

DETAIL A

SPECIAL CURB TAPER DETAIL



VIEW E-E
SCALE: 1/2"=1'-0"




PLAN - ONE WAY TRAFFIC

PLAN - TWO WAY TRAFFIC

GUARDRAIL CONNECTION LOCATIONS

NOTES

1. THE CONTRACTOR CAN USE A CONSTRUCTION JOINT IN THE BRIDGE END SLAB IF SO DESIRED. CONSTRUCTION JOINTS MUST COINCIDE WITH LANE LINES.
2. TRANSVERSE BARS B SHALL BE CONTINUOUS ACROSS WIDTH OF SLAB. WHERE IT IS NECESSARY TO USE MORE THAN ONE (1) LENGTH OF BAR, BARS SHALL BE SPLICED 30 DIAMETER MINIMUM.
3. THE FINISHED CROWN OF THE BRIDGE END SLAB SHALL CONFORM TO THE CROWN OF THE BRIDGE DECK. TRANSITION FROM NORMAL CROWN OF BITUMINOUS PAVEMENT TO CROWN OF BRIDGE END SLAB SHALL BE MADE IN A DISTANCE OF 100 FEET.
4. COST OF BRIDGE JOINT ARMOR PLATES SHALL BE INCLUDED IN PAY ITEM 508A, LBS., STRUCTURAL STEEL. SHOP DRAWINGS PER THE STANDARD SPECIFICATIONS ARE REQUIRED.
5. COST OF CONCRETE AND STEEL REINFORCEMENT FOR BRIDGE END SLAB, TYPE SPECIAL CURB AND BARRIER RAIL TRANSITION SHALL BE INCLUDED IN THE PAY ITEM 450B, SQUARE YARDS, REINFORCED CEMENT CONCRETE BRIDGE END SLAB. CONCRETE SHALL BE CLASS B.
6. WHEN SKEW OF BRIDGE IS 0° TO 25°, TRANSVERSE REINFORCEMENT MAY BE PARALLEL TO SKEW. FOR SKEWS GREATER THAN 25°, TRANSVERSE REINFORCEMENT SHALL BE PERPENDICULAR TO ROADWAY AS SHOWN.

ALABAMA DEPARTMENT OF TRANSPORTATION		REVISIONS	THIS BRIDGE SPECIAL PROJECT DRAWING FOR USE ONLY ON: PROJECT NO. _____ COUNTY(S) _____	THESE DRAWINGS REPRESENT DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND ARE NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE SUCH USE. ANYONE MAKING UNAUTHORIZED USE OF THESE DRAWINGS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.	BRIDGE END SLAB DETAILS FOR USE WITH BITUMINOUS PAVEMENT	BRIDGE SPECIAL PROJECT DRAWING	
		THIS DRAWING REPLACES BES-450(I)BP AND BES-450(O)BP MJH 10-31-24				BES-BP	SHEET 1 OF 1