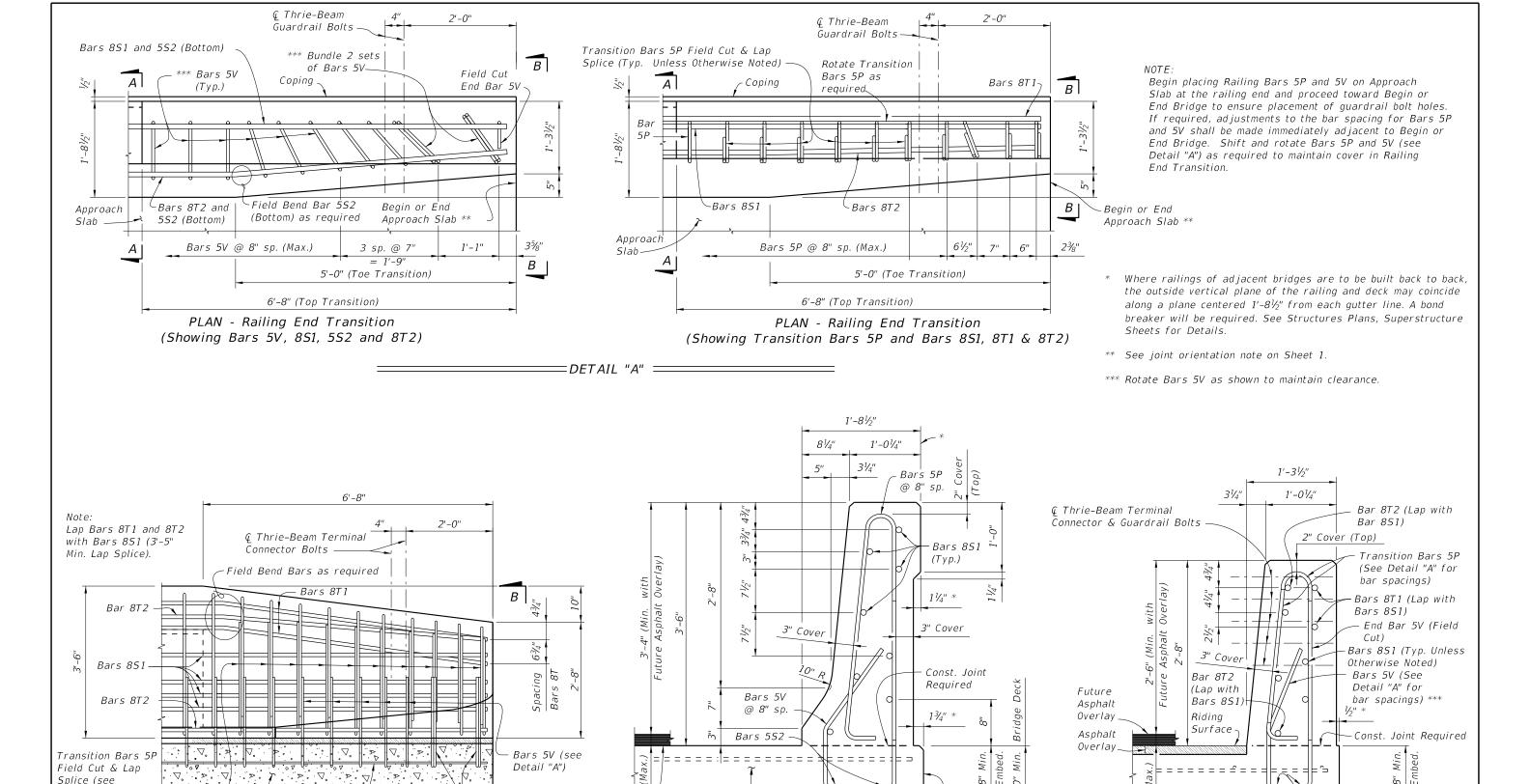


10/36/20



of Bars 5V Approach Slab Shown, Rigid Pavement Approach Slab Similar) VIEW C-C ELEVATION - RAILING END TRANSITION (Guardrail and back leg of Stirrups not shown for clarity)

Bars 5S2 🗸

Splice (see

Detail "A")

Approach Slab (Flexible Pavement

Bridge Deck 81/2" 63/4"\_ Coping \* Future Asphalt Overlay SECTION A-A TYPICAL SECTION THRU TRAFFIC RAILING (SECTION THRU BRIDGE DECK SHOWN -SECTION THRU APPROACH SLAB SIMILAR)

VIEW B-B (Section thru Approach Slab shown, Section thru Retaining Walls similar)

DESCRIPTION: FY 2017-18 REVISION FDOT DESIGN STANDARDS 11/01/16

Bundle 2 sets

Edge of Approach

SHEET

NO.

2 of 3

Slab (Coping) \*

Bars 5S2 (Field Bend as Regd.)

Approach

Slab

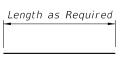
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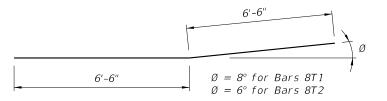
## CONVENTIONAL REINFORCING STEEL BENDING DIAGRAMS

BILL OF REINFORCING STEEL				
MARK	SIZE	LENGTH		
Р	5	7'-5"		
<i>S1</i>	8	As Reqd.		
52	5	As Reqd.		
T1 & T2	8	13'-0"		
V	5	6'-2"		

ROADWAY	LOW GUTTER		HIGH GUTTER	
CROSS-SLOPE	ØA	ØB	ØА	ØB
0% to 2%	90°	90°	90°	90°
2% to 6%	9 <i>3</i> °	87°	87°	93°
6% to 10%	96°	84°	84°	96°

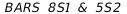
ØA and ØB shall be 90° if Contractor elects to place Railing perpendicular to the Deck.



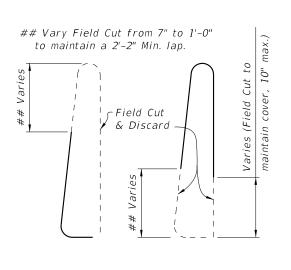


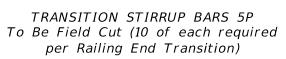
TRANSITION BARS 8T1 & 8T2

(2 of each required per Railing End Transition)



33/4" 5½"





Contractor's option 45° - 54°30'  $\emptyset B_{\setminus}$ 1'-01/2"

STIRRUP BAR 5V

Portion of Bar 5V to be used Field Cut & Discard\_ ØB < 6½"

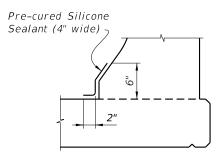
END STIRRUP BAR 5V To Be Field Cut (One required per Railing End Transition)

## REINFORCING STEEL NOTES:

DESCRIPTION:

STIRRUP BAR 5P

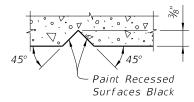
- 1. All bar dimensions in the bending diagrams are out to out.
- 2. The reinforcement for the railing on a retaining wall shall be the same as detailed above for a 10" deck with  $\emptyset A = \emptyset B = 90^{\circ}$ .
- 3. All reinforcing steel at the open joints shall have a 2" minimum cover.
- 4. Bars 851 may be continuous or spliced at the construction joints. Lap splices for Bars 8S1 and 5S2 shall be a minimum of 3'-5" and 2'-2", respectively.
- 5. The Contractor may utilize Welded Wire Reinforcement (WWR) when approved by the Engineer. WWR must consist of Deformed wire meeting the requirements of Specification Section 931.



DETAIL "B" - SECTION AT INTERMEDIATE OPEN JOINT

### INTERMEDIATE JOINT SEAL NOTES:

- 1. At Intermediate Open Joints, seal the lower 6" portion of the open joint with Pre-cured Silicone Sealant in accordance with Specification Section 932.
- 2. Apply sealant prior to any Class V finish coating and remove all curing compound and loose material from the surface prior to application of bonding agent.
- 3. The cost of the Pre-cured Silicone Sealant shall be included in the Contract Unit Price for the Traffic Railing.



# SECTION THRU RECESSED "V" GROOVE TO FORM INSCRIBED LETTERS AND FIGURES

ESTIMATED TRAFFIC RAILING QUANTITIES				
ITEM	UNIT	QUANTITY		
Concrete	CY/LF	0.154		
Reinforcing Steel	LB/LF	44.71		

The estimated railing quantities are based on a 2% deck cross slope; railing on low side of deck.