

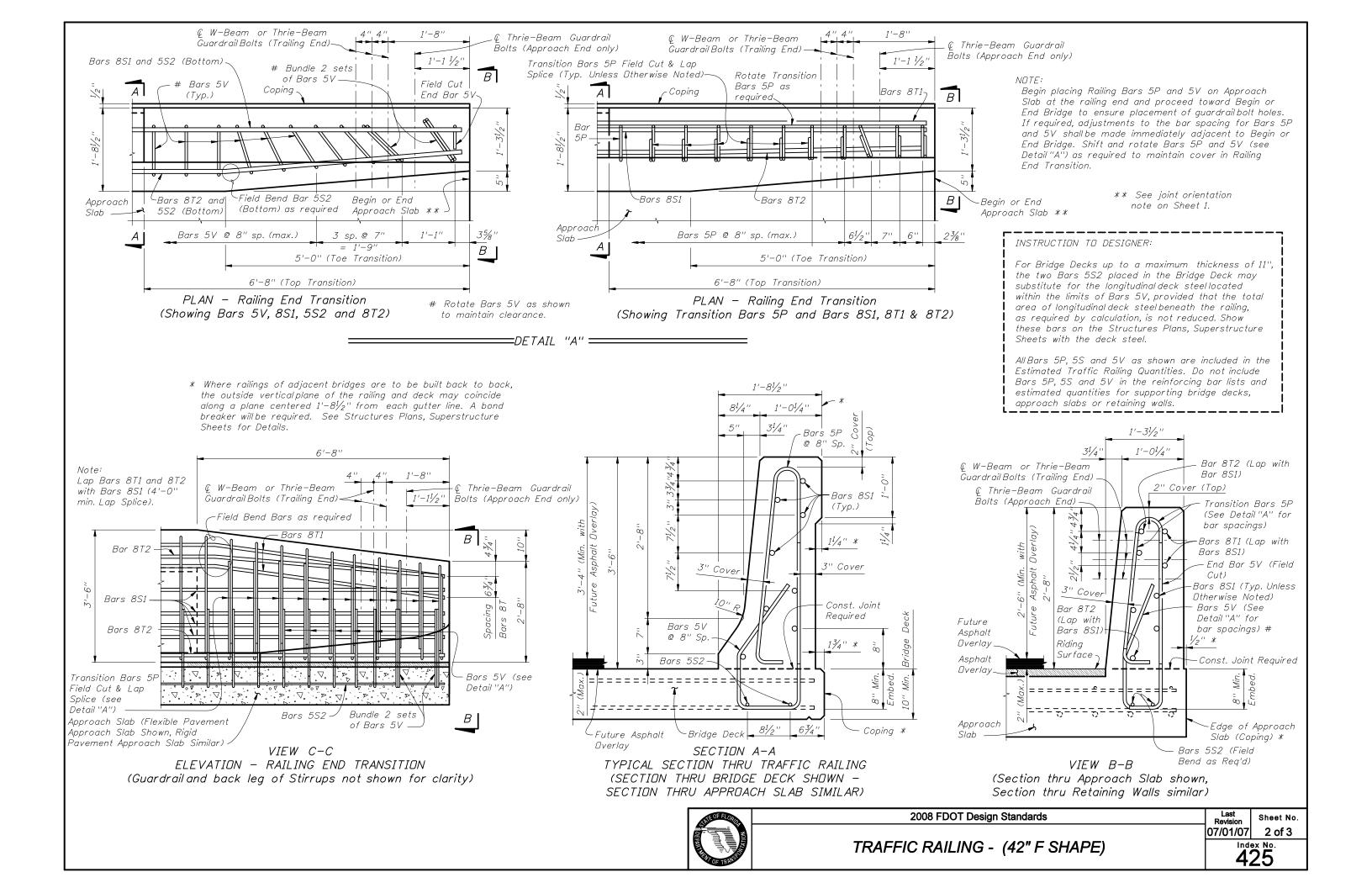
2008 FDOT Design Standards

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TRAFFIC RAILING - (42" F SHAPE)

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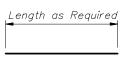


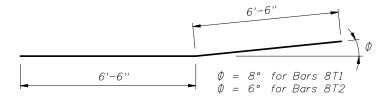
CONVENTIONAL REINFORCING STEEL BENDING DIAGRAMS

BILL OF	BILL OF REINFORCING STEEL				
MARK	SIZE	LENGTH			
Р	5	7'-5"			
S1	8	As Reqd.			
S2	5	As Reqd.			
T1 & T2	8	13'-0''			
V	5	6'-2"			

ROADWAY	LOW GUTTER		HIGH GUTTER	
CROSS-SLOPE	ΦA	ΦВ	ФА	ΦВ
0% to 2%	90°	90°	90°	90°
2% to 6%	93°	87°	87°	93°
6% to 10%	96°	84°	84°	96°

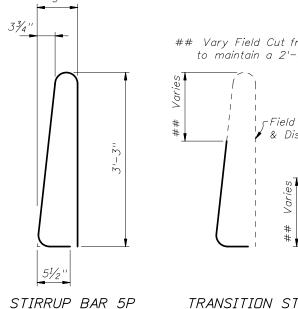
\$\textit{QA}\$ and \$\textit{QB}\$ shall be 90° if Contractor elects to place Railing perpendicular to the Deck.

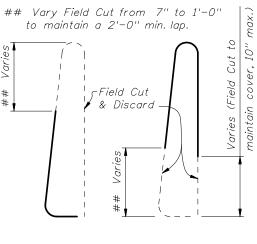


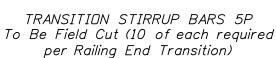


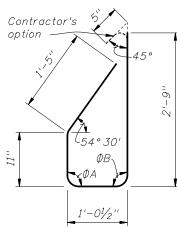
BARS 8S1 & 5S2

TRANSITION BARS 8T1 & 8T2 (2 of each required per Railing End Transition)

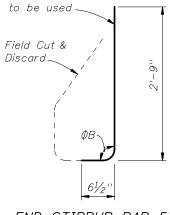








STIRRUP BAR 5V

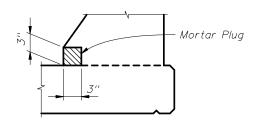


Portion of Bar 5V

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

REINFORCING STEEL NOTES:

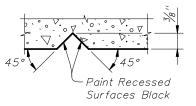
- 1. All bar dimensions in the bending diagrams are out to out.
- 2. The reinforcement for the railing on a retaining wall shall be the same as detailed above for a 10" deck with $\Phi A = \Phi B = 90^{\circ}$.
- 3. All reinforcing steel at the open joints shall have a 2" minimum cover.
- 4. Bars 8S1 may be continuous or spliced at the construction joints. Lap splices for Bars 8S1 and 5S2 shall be a minimum of 4'-0" and 2'-0", respectively.
- 5. The Contractor may utilize Welded Wire Reinforcement when approved by the Engineer. Welded Wire Reinforcement shall conform to ASTM A497.



DETAIL "B" - SECTION AT INTERMEDIATE OPEN JOINT

NOTE:

At Intermediate Open Joints, the lower 3" portion of the open joint shall be plugged by filling it with mortar in accordance with Section 400 of the Specifications.



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

Note:

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



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