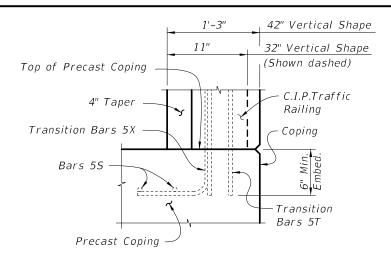


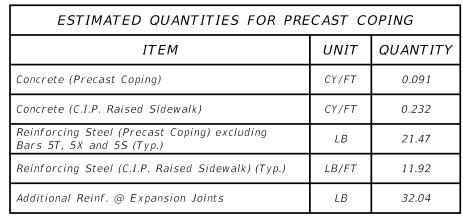
REVISIONS

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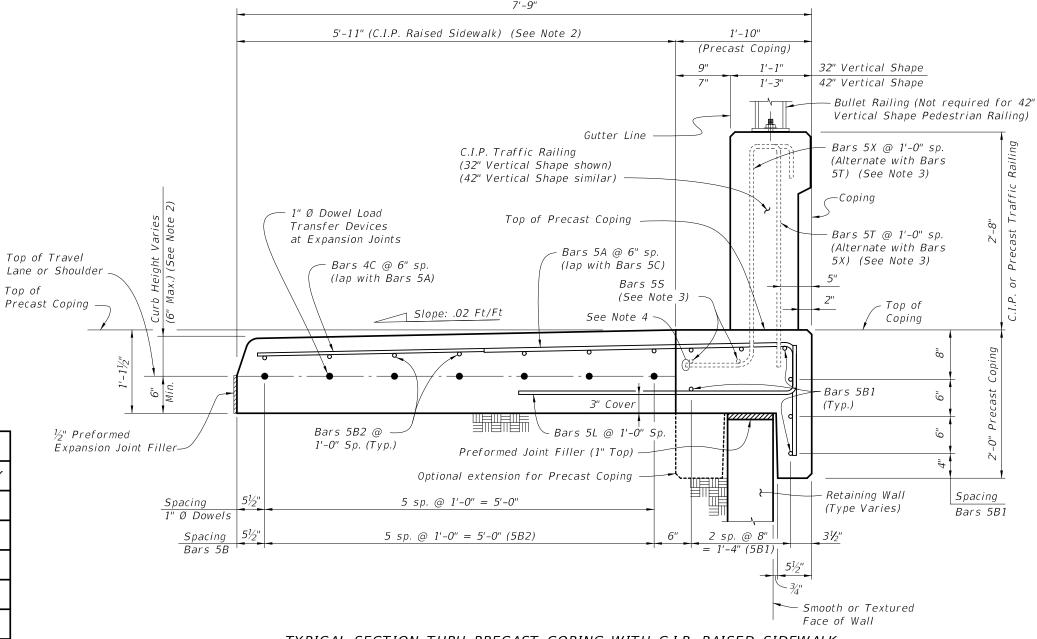


PARTIAL END VIEW OF TRAFFIC RAILING END TRANSITION FOR GUARDRAIL ATTACHMENT (Showing Bars 5S, Bars 5T and Bars 5X) (Precast Coping Shown, C.I.P. Coping Similar)

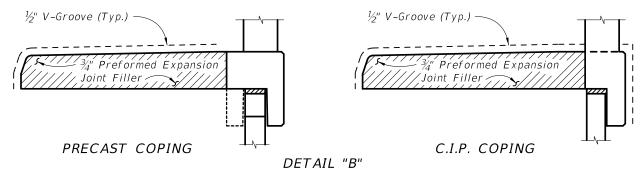
NOTE: See Index No. 422 and Index No. 423, Railing End Detail for details.



The above concrete quantities are based on a Type D Concrete Curb (See Note 2).



TYPICAL SECTION THRU PRECAST COPING WITH C.I.P. RAISED SIDEWALK
AND RETAINING WALL AT EXPANSION JOINTS

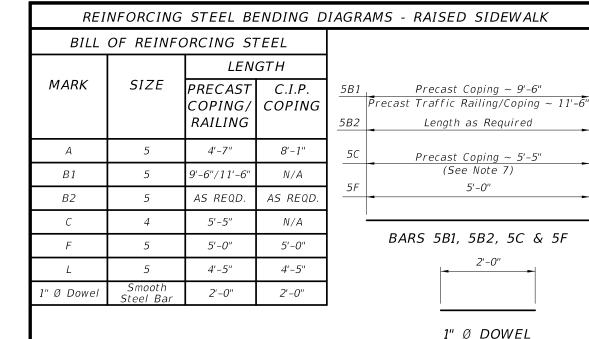


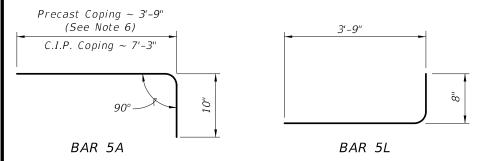
(Showing Locations of  $\frac{1}{2}$ " V-Grooves and  $\frac{3}{4}$ " Preformed Expansion Joint Filler)

## RAISED SIDEWALK NOTES:

- 1. Actual width varies depending on type of Retaining Wall used.
- 2. Match roadway curb shape (Type) and height. See Roadway Plans and Index No. 300. 5'-11" dimension is based on a 32" Vertical Shape Traffic Railing with a Type D curb adjacent to a 6'-0" wide sidewalk. Adjust this dimension as required for other curb types or transitions at Begin or End Retaining Wall.
- 3. See Index No. 422 and Index No. 423 for Bars 55, 5T & 5X and Bullet Railing details. Adjust vertical dimension of Bars 5T and 5X, see Reinforcing Steel Note 5.
- 4. Trim end of Bars 5T and 5X to clear construction joint for 42" Vertical Shape Traffic Railing.
- 5. At the Contractor's option, mechanical couplers may be used to splice reinforcing. Complete details, including reinforcement lengths are required in the Shop Drawings. Mechanical couplers shall develop 125% of the bar yield strength.
- 6. Contractor to maintain stability of precast coping prior to junction slab completion.

REVISIONS			STITE FORD	2010 Interim Design Standard		Sheet No.
DATE BY DESCRIPTION  01/01/11 SJN New Index No. & Title (Previously Index No. 5300, Sheet 12 of 19); Deleted Note 1 & 4; Redesigned Raised Sidewalk.	DATE BY	DESCRIPTION	TO THE PARTY OF TH	WALL COPING WITH TRAFFIC RAILING/RAISED SIDEWALK	Date 01/01/11 Ind	2 of 3 ex No. 120





## REINFORCING STEEL NOTES:

01/01/11

- 1. All bar dimensions in the bending diagrams are out to out.
- 2. All reinforcing steel at expansion joints will have a 2" minimum cover.
- 3. Lap splices for Bars 5B will be a minimum of 2'-2".
- 4. Lap splice Bars 5A with Bars 5C. Lap splices will be a minimum of 2'-2".
- 5. See Index No. 422 and Index No. 423 for Bars 55, 5T and 5X. Adjust vertical dimensions of Stirrup Bars 5T and 5X to 3'-0" for 32" Vertical Shape or 3'-10" for 42" Vertical Shape.
- 6. Dimension shown is for lap splice option. For mechanical coupler option, this dimension is 1'-8".
- 7. Dimension shown is for lap splice option. For mechanical coupler option, this dimension is 5'-8".

**REVISIONS** 

8. The Contractor may use Welded Wire Reinforcement when approved by the Engineer. Welded Wire Reinforcement will conform to ASTM A 497.

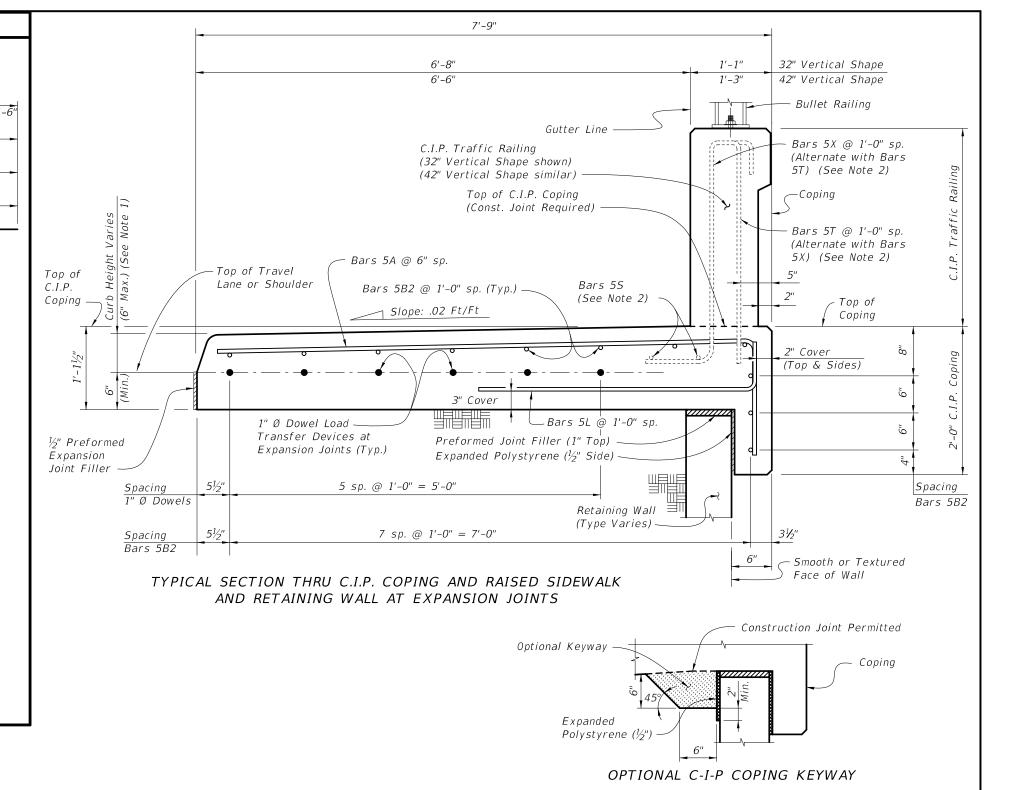
ESTIMATED QUANTITIES FOR C.I.P. COPING						
ITEM	UNIT	QUANTITY				
Concrete	CY/FT	0.322				
Reinforcing Steel (Typical) excluding Bars 5T, 5X and 5S (Typ.)	LB/FT	28.33				
Additional Reinf. @ Expansion Joints	LB	32.04				

The above concrete quantities are based on a Type D Concrete Curb (See Note 1).

DESCRIPTION

SJN New Index No. & Title (Previously Index No. 5300, Sheet 13 of

19), Redesigned Raised Sidewalk; Deleted Note 1 & 4.



## RAISED SIDEWALK NOTES:

- 1. Match roadway curb shape (Type) and height. See Roadway Plans and Index No. 300. 6'-8" dimension is based on a 32" Vertical Shape Traffic Railing with a Type D curb adjacent to a 6'-0" wide sidewalk. Adjust this dimension as required for other curb types or transitions at Begin or End Retaining Wall.
- 2. See Index No. 422 and Index No. 423 for Bars 5S, 5T & 5X and Bullet Railing details. Adjust vertical dimension of Bars 5T and 5X, see Reinforcing Steel Note 5.



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Index No.

6120

WALL COPING WITH TRAFFIC RAILING/RAISED SIDEWALK