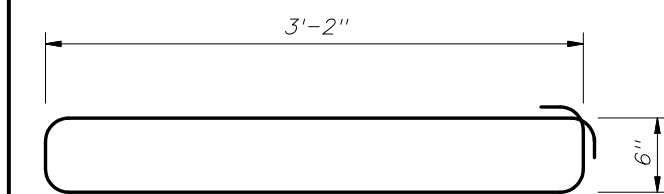


REINFORCING STEEL BENDING DIAGRAMS

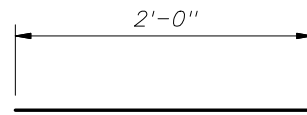
BILL OF REINFORCING STEEL		
MARK	SIZE	LENGTH
A	5	9'-2"
B	5	AS REQ'D.
VC	5	8'-3"
Le	5	3'-3"
S3	5	7'-4"
U1	5	4'-1"
U2	5	12'-10"
DOWEL	1" ϕ Smooth Bar	2'-0"

REINFORCING STEEL NOTES:

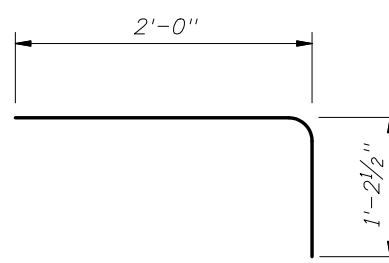
- All bar dimensions in the bending diagrams are out to out.
- All reinforcing steel at the open joints will have a 2" minimum cover.
- Lap splices for Bars 5B will be a minimum of 2'-2".
- The Contractor may use Welded Wire Fabric when approved by the Engineer. Welded Wire Fabric will conform to ASTM A 497.



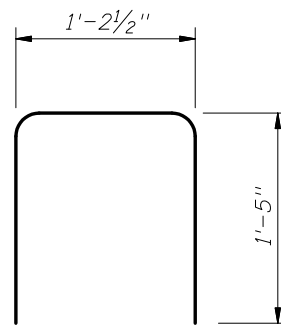
BAR 5S3



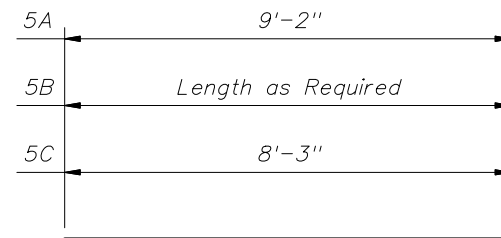
1" ϕ DOWEL



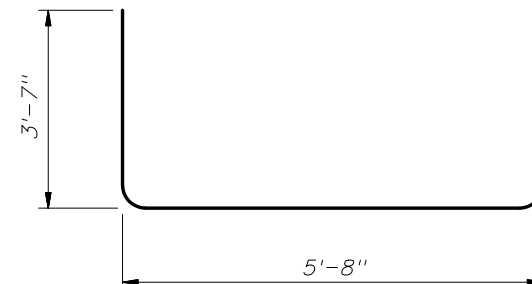
BAR 5L



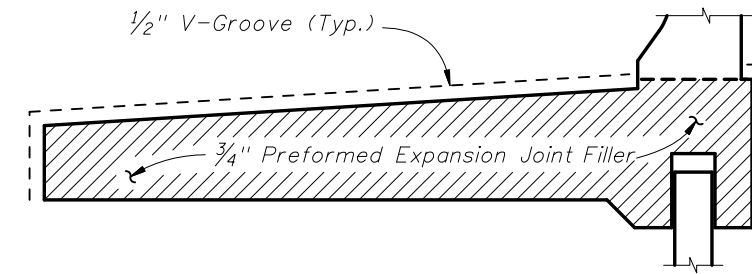
BAR 5U1



BARS 5A, 5B & 5C

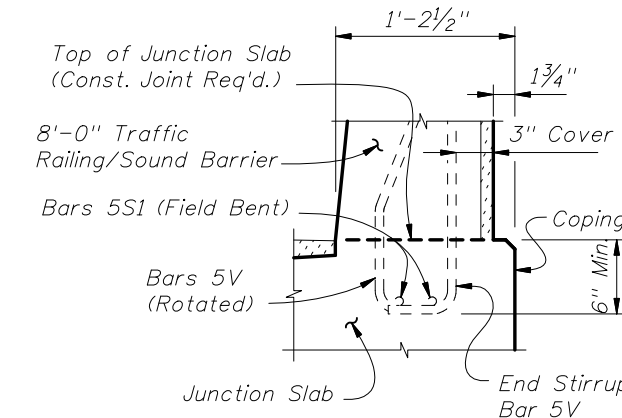


BAR 5U2



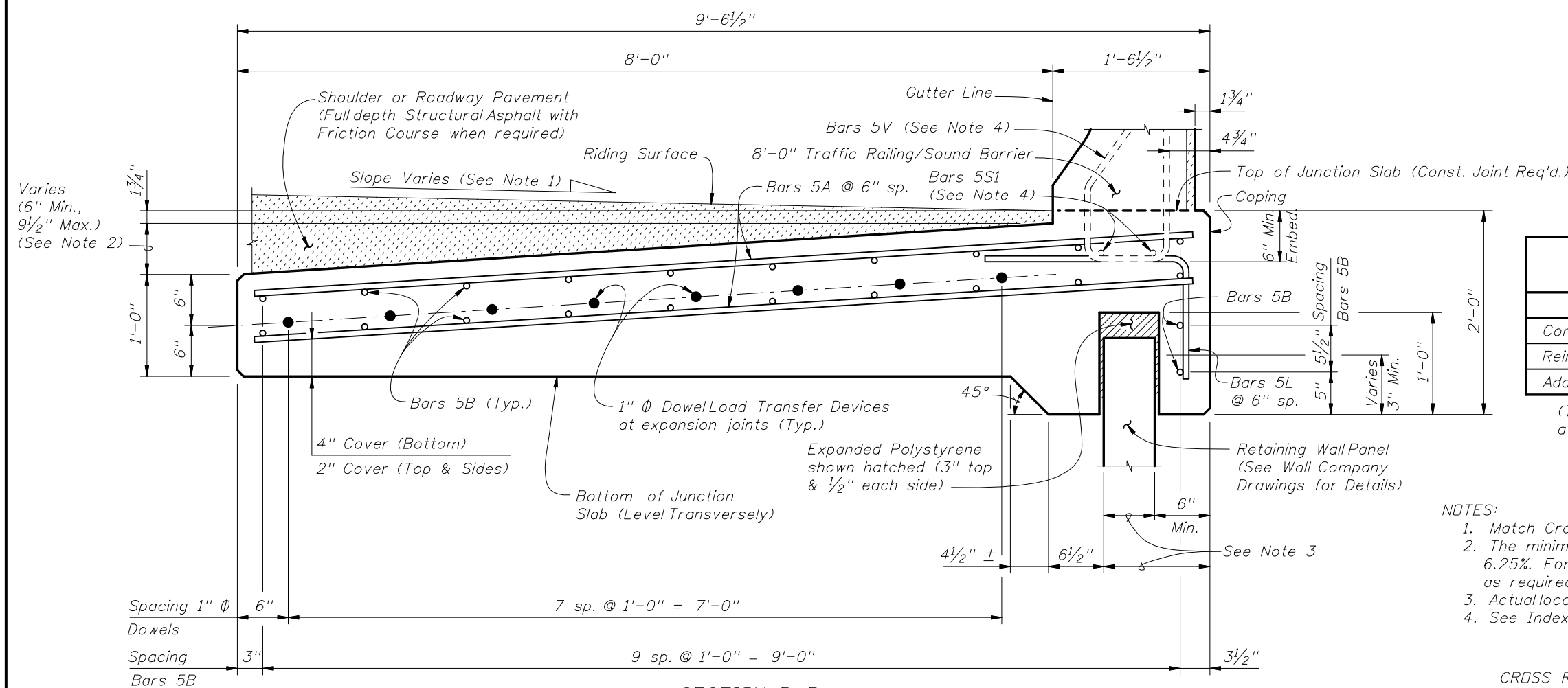
DETAIL "A"

(Showing Locations of 1/2" V-Grooves and 3/4" Preformed Expansion Joint Filler)



PARTIAL END VIEW OF RAILING END TRANSITION FOR GUARDRAIL ATTACHMENT (Showing Bars 5V and Bars 5S1)

NOTE: See Index No. 5210, Detail "A" for details.



SECTION B-B
TYPICAL SECTION THRU JUNCTION SLAB AND RETAINING WALL

ESTIMATED JUNCTION SLAB QUANTITIES		
ITEM	UNIT	QUANTITY
Concrete (Junction Slab)	CY/Ft.	0.470
Reinforcing Steel (Typical)	LB/Ft.	67.97
Additional Reinf. @ Expansion Joint	Lb.	42.72

(The above concrete quantities are based on a superelevation of 6.25%.)

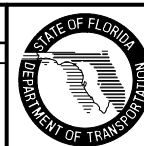
NOTES:

- Match Cross Slope of Travel Lane or Shoulder.
- The minimum dimension of 6" corresponds to a superelevation of 6.25%. For superelevations exceeding 6.25%, increase this dimension as required to match roadway superelevation.
- Actual location & width vary depending on type of Retaining Wall used.
- See Index No. 5210 for Bars 5V and 5S1.

CROSS REFERENCE:
For location of Section B-B, see Sheet 1.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/01/09	SJN	Changed "Shoulder or Roadway Pavement" note in SECTION B-B and 6" to 6" Min. for coping thickness.			



2008 Interim Design Standard

TRAFFIC RAILING/SOUND BARRIER (8'-0")
JUNCTION SLAB

Interim Date	Sheet No.
01/01/09	2 of 2
Index No.	
5212	