

## REINFORCING STEEL

		REINFO
BILL OF	REINFORC	CING STEEL
MARK	SIZE	LENGTH
R1	5	5'-2"
R2	5	5'-2 <sup>1</sup> ⁄2"
R3	5	4'-10''
S1	5	As Reqd.
52	5	7'-3"
V	5	6'-6½"
6"	2'-9" 2'-9"	5R2 4'-10'' 5R3
	▶  ◀	BAR 5R2 &

(Field Cut and Bend for Railing End Transition)

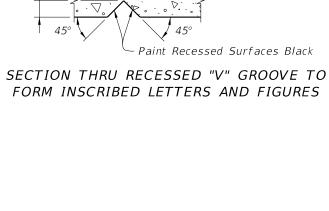
REINFORCING STEEL NOTES:

BAR 5R1

1. All bar dimensions in the bending diagrams are out to out

BAR 5R3

- 2. All reinforcing steel at the open joints shall have a 2" mi
- 3. Bars 5R shall be one continuous or lap spliced bar. No me
- Bars 5S1 may be continuous or spliced at the construction shall be a minimum of 2'-2".
- 5. The Contractor may use Welded Wire Reinforcement (WWR) must consist of deformed wire meeting the requirements



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.

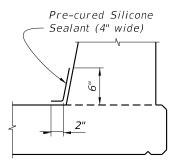
2. Apply sealant prior to any Class V

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.

## DETAIL "B" - SECTION AT INTERMEDIATE OPEN JOINT

ESTIMATED TRAFFIC RAILING/NOISE WALL QUANTITIES							
ITEM	UNIT	QUANTITY					
Concrete (Railing)	CY/LF	0.107					
Concrete (Noise Wall)	CY/LF	0.136					
Reinforcing Steel (Typical)	LB/LF	69.36					
Additional Reinf. @ Open Joint	LB	226.85					

(The above quantities are based on the bridge mounted typical section, 2% deck cross slope and railing on low side of deck.)

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LAST

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BENDING DIAGRAMS										
BRIDGE CROSS-SLOPE		LOW GUTTER		HIGH GUTTER						
-		0% to 2%	ØA 90°	ØB 90°	ØA 90°	ØB 90°				
	BRIDGE MOUNTED	2% to 6%	93°	87°	87°	93°				
		6% to 10%	96°	84°	84°	96°				
Length as Required 551 Length as Required 552 7'-3" BARS 551 & 552										
s of Specification Section 931.										
CROSS REFERENCE: For locations of Detail "B", see Sheet 1.										
8'-0") - BRIDGE				INDEX	5	HEET				

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