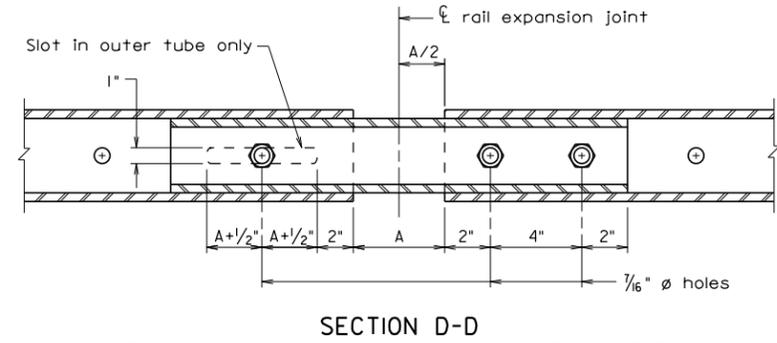
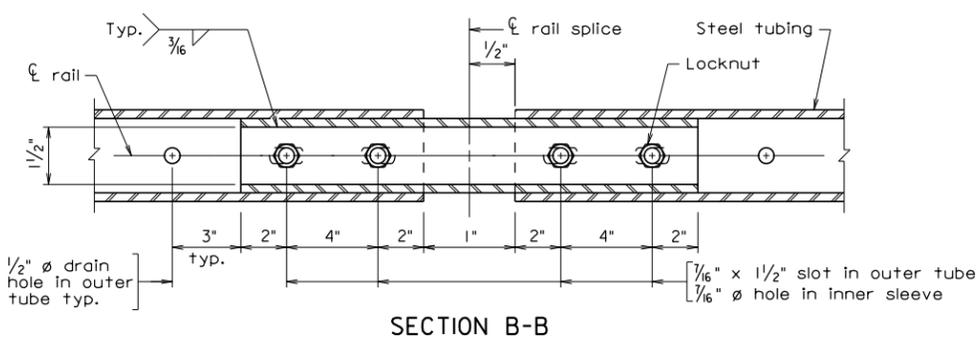
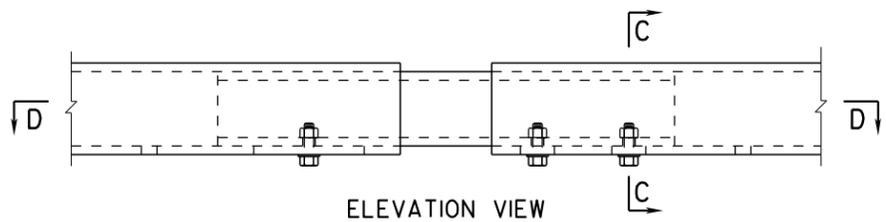
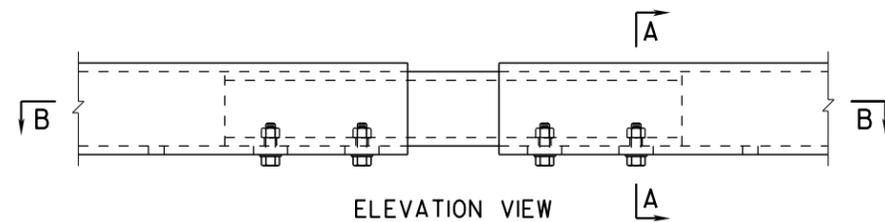
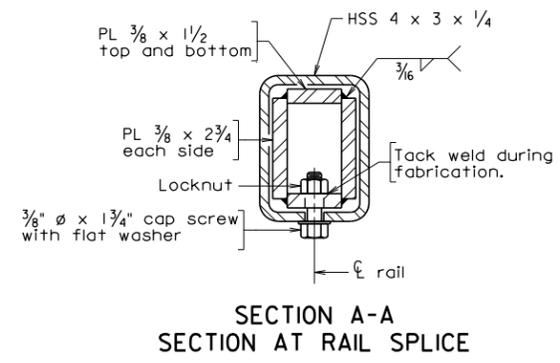


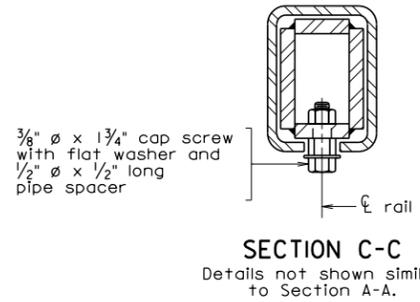
STATE	FEDERAL AID	STATE	SHEET NO.
ROUTE	PROJECT	ROUTE	PROJECT
VA.			



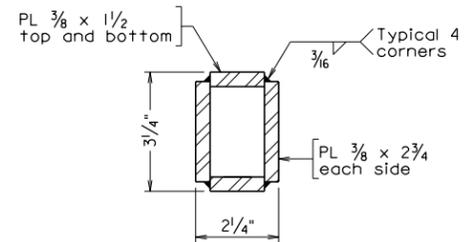
For details and dimensions not shown, see Section B-B.



RAIL SPLICE DETAILS



RAIL EXPANSION JOINT DETAILS



FINISHED DIMENSIONS OF INNER SLEEVE RAIL

Notes:

Rails to be continuous over a minimum of 3 posts before splicing.

Posts shall be equally spaced within a span. Maximum spacing is 7'-0". Minimum spacing is 6'-6".

Rail expansion joint shall be provided between any two posts which span a bridge expansion joint. Dimension A for expansion joints is equal to deck joint opening + 1". Bolts in slot shall be tightened only to a point that will allow ralling movement.

For steel railing, see sheet ...

The Contractor shall determine all dimensions and details necessary for installation.

Bid item for railing shall include rails, rail posts, bearing pads, anchor assemblies, sleeves, grounding materials and other associated metal parts as shown on the plans. Also included in bid item are concrete noted in plans and reinforcing steel indicated in Reinforcing Steel Schedules.

BR27D-11 08-07-2012 br27d11.dgn

Sealed and Signed by:  
Julius F.J. Valgyi Jr.  
Lic. No. 010487  
On the date of  
Aug. 7, 2012

A copy of the original sealed and signed standard drawing is on file in the Central Office.

VDOT S&B DIVISION  
RICHMOND, VA  
STRUCTURAL ENGINEER

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION			
STRUCTURE AND BRIDGE DIVISION			
<b>BR27D RAIL CONNECTIONS AND NOTES</b>			
No.	Description	Date	Revisions
Designed: S&B...DIV		Date	Plan No.
Drawn: S&B...DIV		Sheet No.	
Checked: S&B...DIV		<b>BR27D-11</b>	

**BR27D-SERIES STEEL RAILING**  
**RAIL CONNECTIONS AND FABRICATOR'S NOTES**

**NOTES TO DESIGNER:**

Include this standard in plans when using standard, BR27D-8 to BR27D-10.

**ADD THE FOLLOWING NOTES, DIMENSIONS, DETAILS, ETC. TO STANDARD:**

FABRICATOR'S NOTES:

Complete sheet no for steel railing.