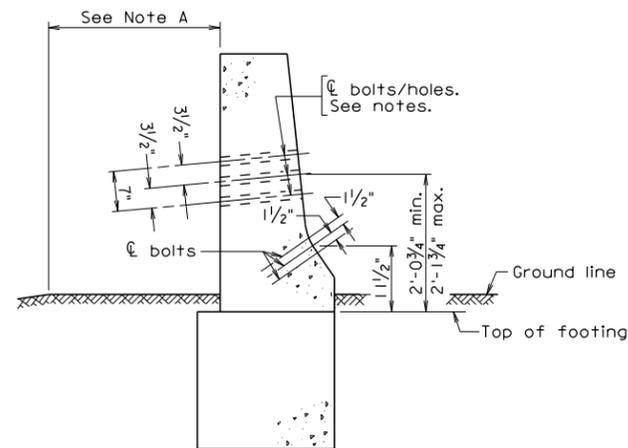
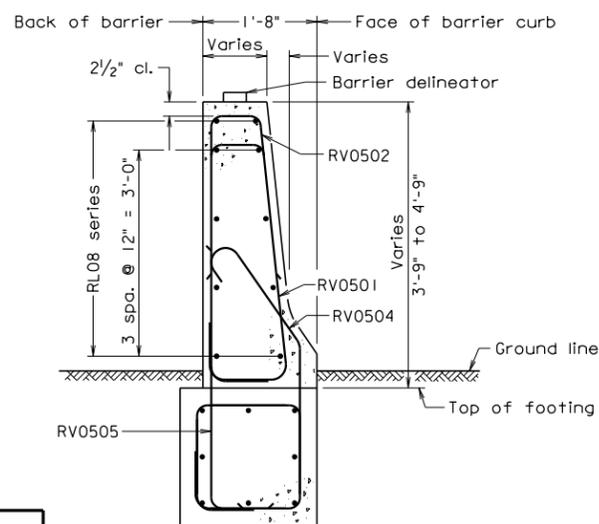


SECTION A-A



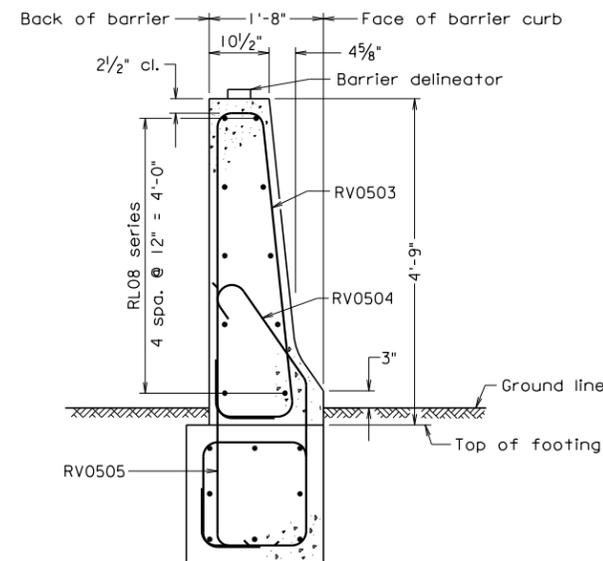
SECTION A-A

Showing location of bolts and holes in Terminal Section.



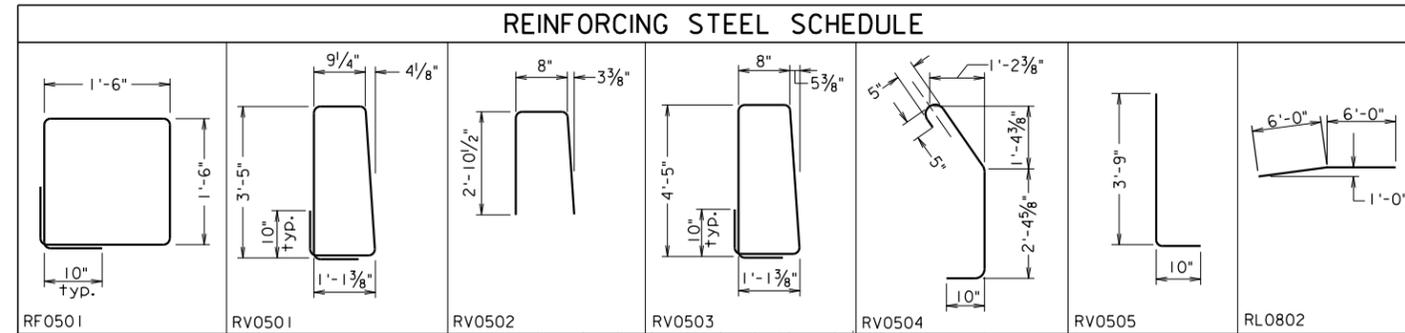
SECTION B-B

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

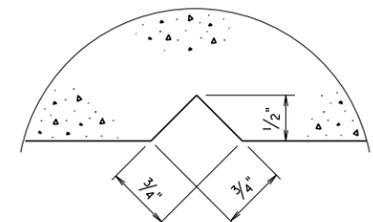


SECTION C-C

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



Mark	No.	Size	Pin $\phi$	Length	Location
RV0501		#5	3 3/4"	9'-8 3/4"	Barrier
RV0502		#5	3 3/4"	6'-2 1/4"	Barrier
RV0503		#5	3 3/4"	11'-7 5/8"	Barrier
RV0504		#5	3 3/4"	5'-5 3/8"	Barrier
RV0505		#5	3 3/4"	4'-5 3/8"	Barrier/footing
RL0801		#8	—	—	Barrier
RL0802		#8	Var.	12'-0"	Barrier
RL0803		#8	—	6'-0"	Barrier
RL08		#8	—	—	Barrier
RF0501		#5	3 3/4"	7'-0 1/4"	Footing
RF0402		#4	—	—	Footing



SECTION D-D

Full scale  
Groove detail for both sides of barrier

Dimensions in bending diagram are out-to-out of bars, except as shown.

Cost of all bars listed in schedule to be included in price bid for Pier Protection System.

Note A:

2'-6" min. from the break line of embankment unless footing adjacent to a permanent structure.

bpps2.dgn

05-18-2016

BPPS-2

Sealed and Signed by:  
Prasad L. Nallapaneni  
Lic. No. 033003  
On the date of  
May 18, 2016

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

Scale: 3/4" = 1'-0" unless otherwise shown

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COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION				
STRUCTURE AND BRIDGE DIVISION				
PIER PROTECTION SYSTEM				
No.	Description	Date	Designed: S&B, DIV	Sheet No.
			Drawn: S&B, DIV	BPPS-2
			Checked: S&B, DIV	
Revisions			Date	Plan No.

## PIER PROTECTION SYSTEM

### NOTES TO DESIGNER:

Include this standard in the plans when using standard BPPS-1.

### ADD THE FOLLOWING NOTES, DIMENSIONS, DETAILS, ETC. TO STANDARDS:

None.