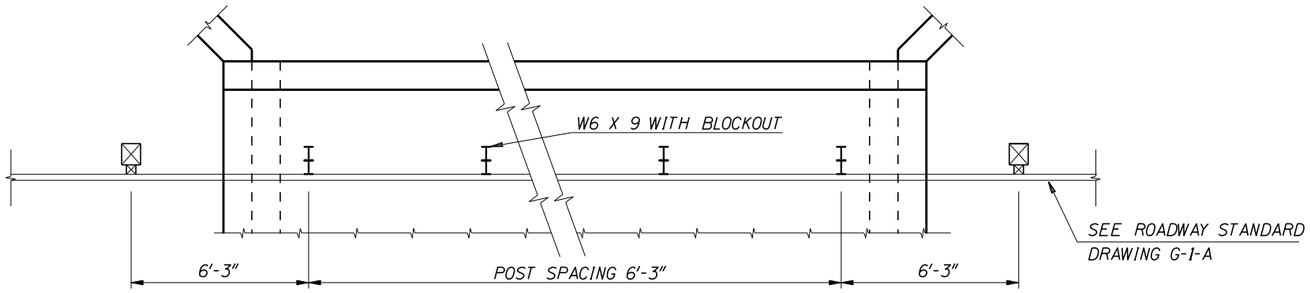
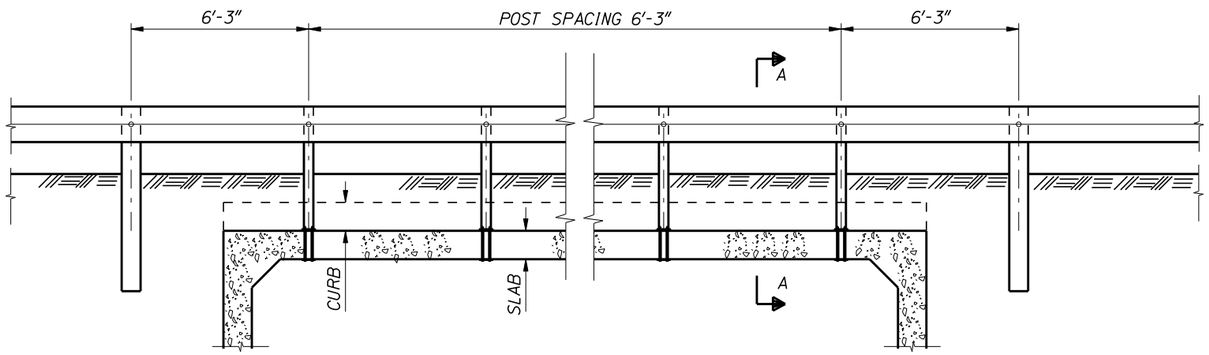


GUARDRAIL PLAN

3/8" = 1'-0"

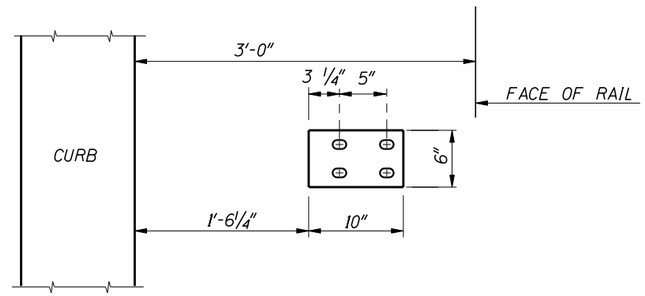


GUARDRAIL ELEVATION

3/8" = 1'-0"

GENERAL NOTES

1. MATERIAL FOR STEEL POST AND PLATES SHALL BE AASHTO M270 (ASTM A36).
2. WOOD SPACER BLOCKS SHALL MEET THE REQUIREMENTS OF SUBSECTION 710.03.
3. ANCHOR BOLTS SHALL CONFORM TO ASTM DESIGNATION A307 AND NUTS SHALL AASHTO M164 (ASTM A36).
4. ALL GUARDRAIL POSTS HARDWARE AND ACCESSORIES SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 OR ASTM A153 EXCEPT AS OTHERWISE NOTE.
5. ALL NUTS SHALL COMPLY WITH AMERICAN HEX ANSI SPECIFICATIONS B 18.22.
6. ALL WELDING SHALL BE AS PER AASHTO/AWS D1.5 STANDARD SPECIFICATIONS FOR WELDING OF STRUCTURAL STEEL HIGHWAY BRIDGES.
7. THE CONTRACTOR SHALL FURNISH 3 COPIES OF CERTIFIED MILL TEST REPORTS COVERING RAIL MATERIAL, POSTS, ANCHOR BOLTS AND OTHER MATERIAL AS REQUESTED BY THE ENGINEER.
8. RAIL POSTS SHALL BE SET VERTICALLY.
9. THE FOLLOWING ITEMS SHALL BE INCLUDED IN ROADWAY BID ITEM 612-A: GUARD RAIL, RAILS, POSTS WITH ALL ATTACHMENTS, AND ANCHORAGES AS SHOWN ON THE PLANS.
10. SEE ROADWAY STANDARD DRAWING G-1-A-3 FOR HOLE LOCATIONS IN POST.



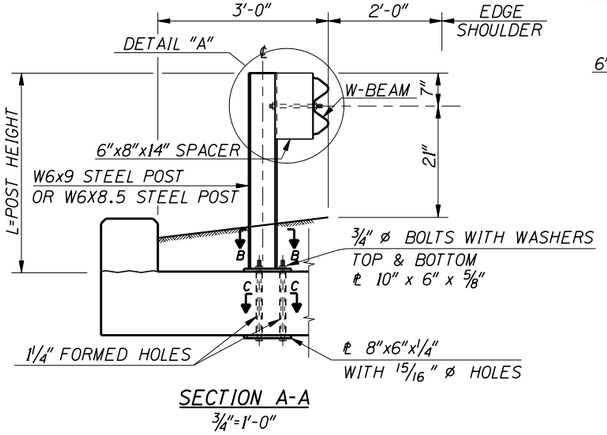
ANCHOR BOLT LOCATION

1 1/2"=1'-0"

POST HEIGHT	1ST POST	2ND POST	3RD POST	4TH POST
LEFT SIDE*	0000			
RIGHT SIDE*				

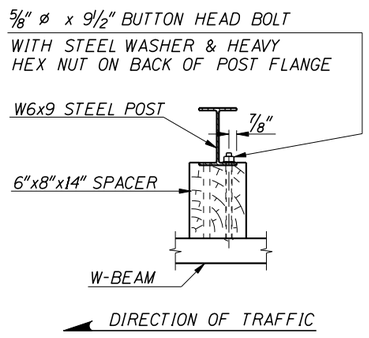
POST HEIGHT

*LOOKING DOWN STATION



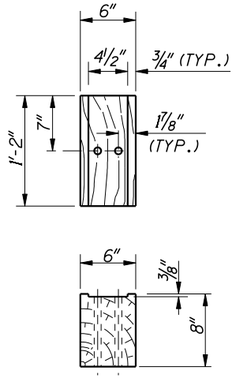
SECTION A-A

3/4"=1'-0"



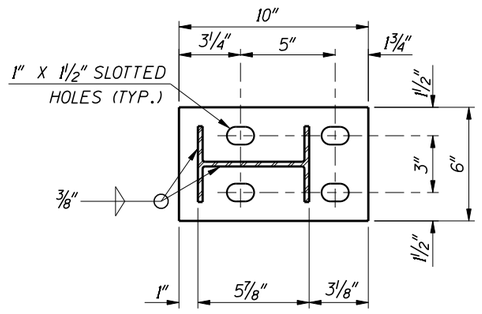
DETAIL "A"

1 1/2"=1'-0"



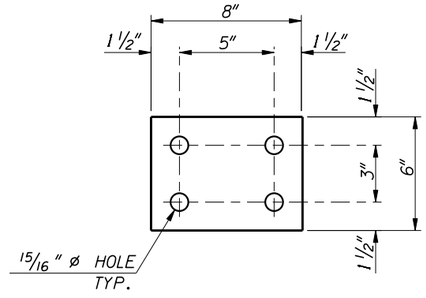
WOOD BLOCKOUT

1 1/2"=1'-0"



SECTION B-B

3" = 1'-0"



SECTION C-C

3"=1'-0"

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED

DESIGN CHECKED

DETAILED

DWG. CHECKED

CORRECTIONS

SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY

CADD FILE NO.

\prj00000\bridge\b13_6a.dgn

DRAWING DATE: JUNE 2006

ORIGINAL SIGNED BY:

DATE SIGNED: DATE

ORIGINAL STORED AT ITD BRIDGE SECTION

IDAHO TRANSPORTATION DEPARTMENT

English

PROJECT NO.

W-BEAM RAILING DETAILS

FOR RAIL RETROFIT PROJECTS, USE STD. DWG G-1-L DETAILS

BRIDGE PLANS

BRIDGE LRFD MANUAL, PAGE B13.6A

COUNTY | KEY NO.

BRIDGE DRAWING NO. | SHEET OF