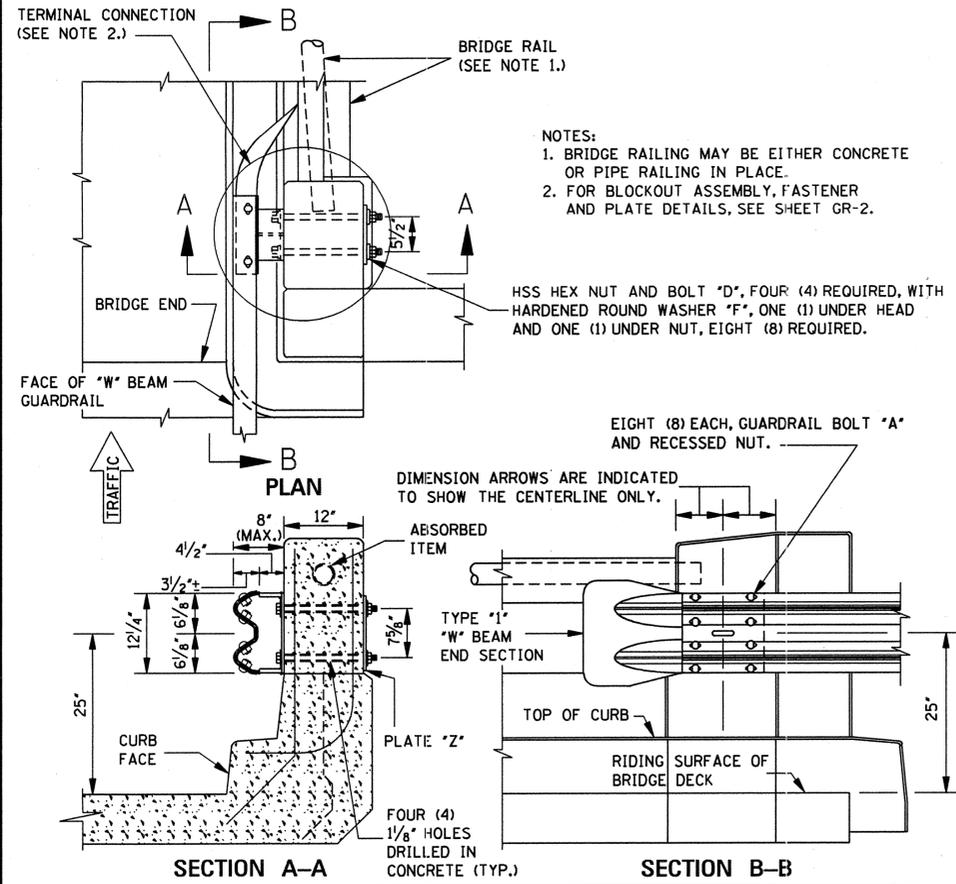
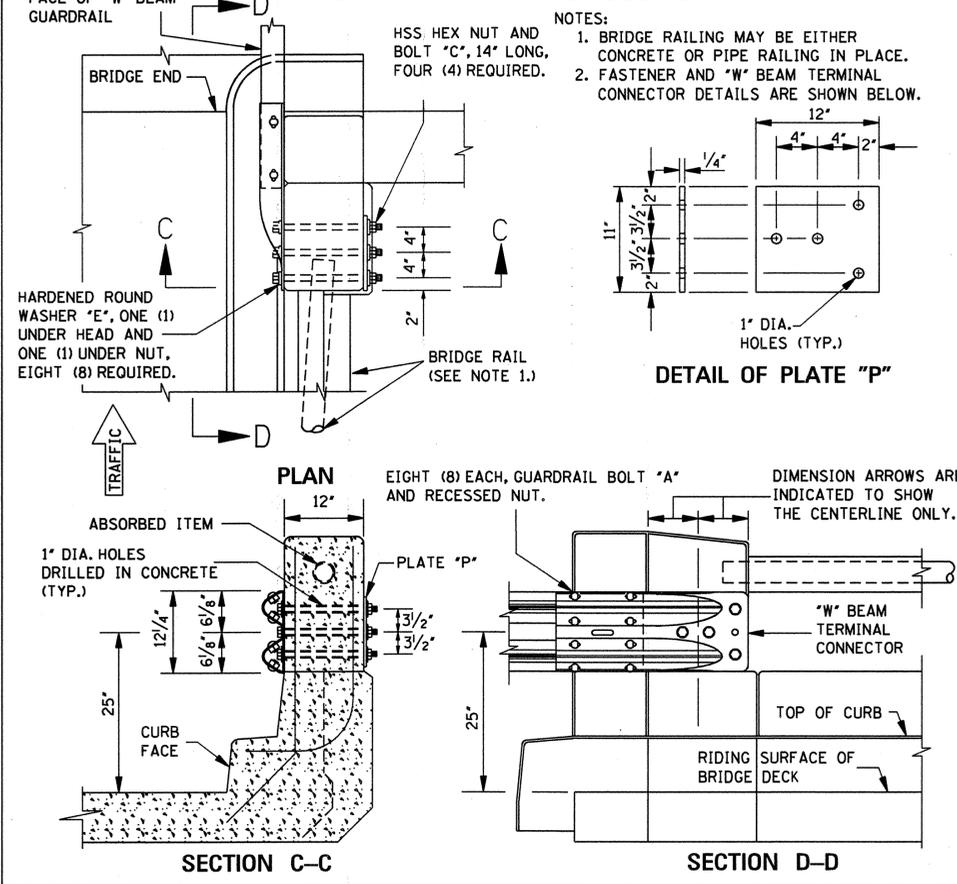


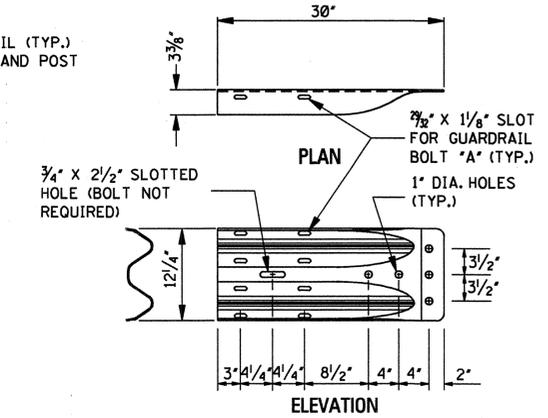
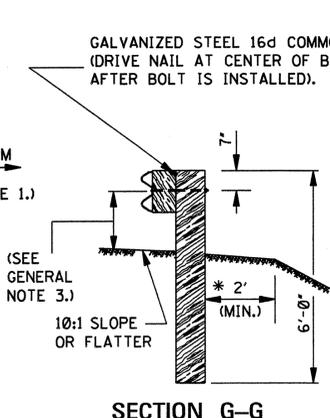
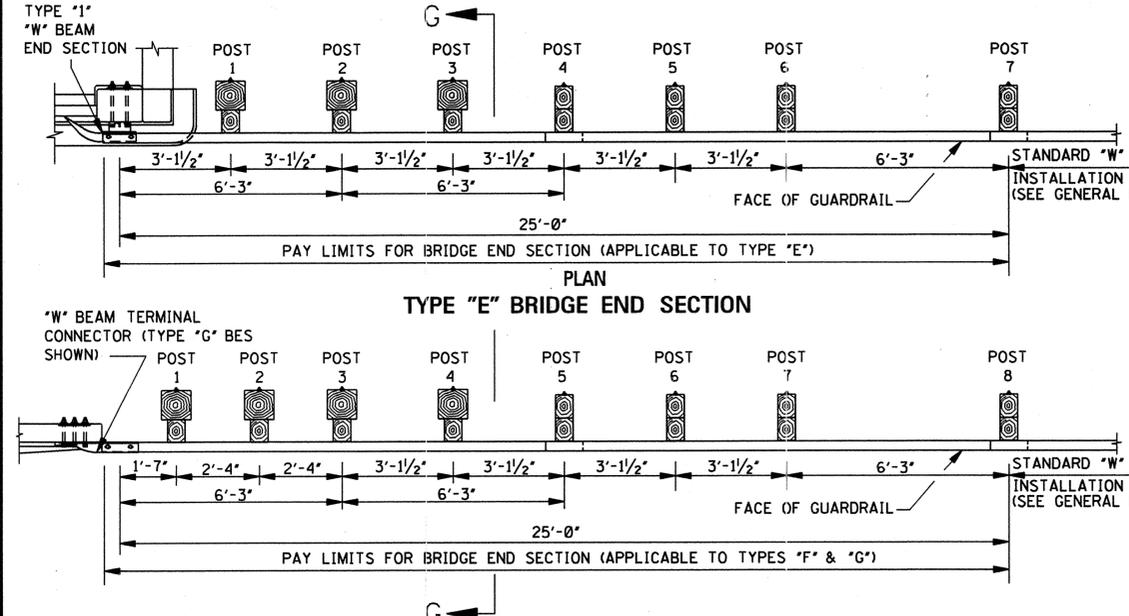
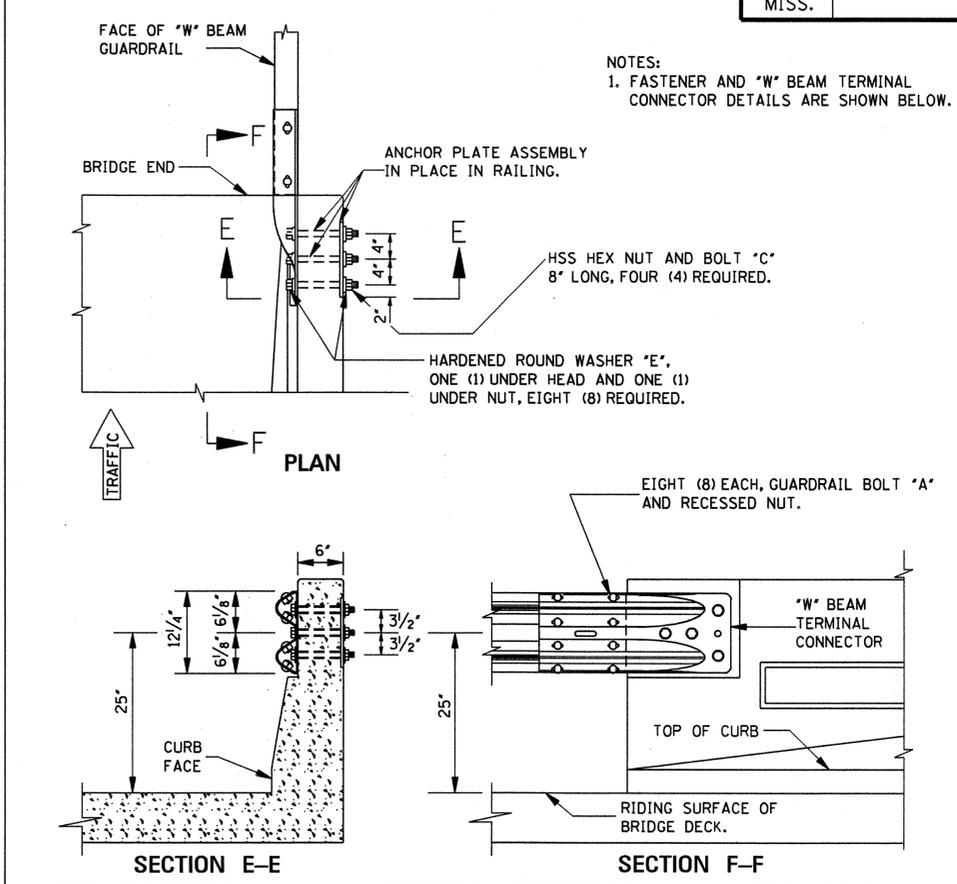
TYPE "E" BRIDGE END SECTION



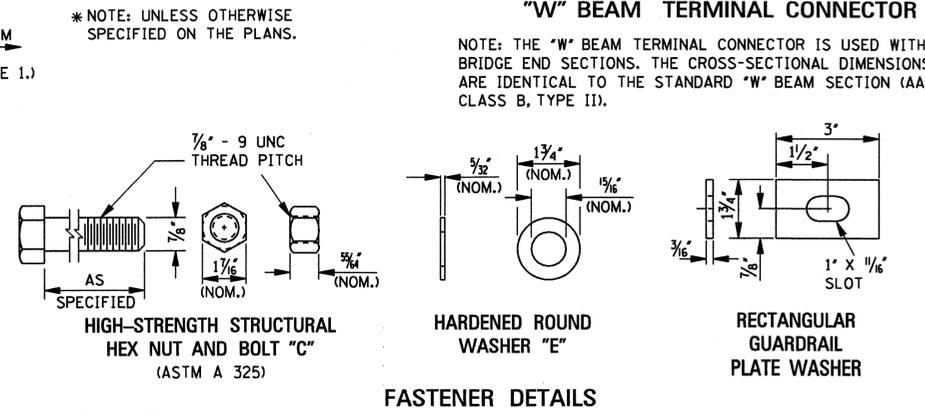
TYPE "F" BRIDGE END SECTION



TYPE "G" BRIDGE END SECTION



- GENERAL NOTES:
- ALL NOTES AND DETAILS PERTAINING TO NORMAL "W" BEAM GUARDRAIL INSTALLATION NOT SPECIFICALLY MODIFIED ON THIS SHEET WILL BE FOUND ON EITHER SHEET GR-1 (WOOD POSTS) OR GR-1B (STEEL POSTS).
 - WOOD POSTS ARE SHOWN ON THIS SHEET. WHEN STEEL POSTS ARE INSTALLED, A SOIL BEARING PLATE IS PLACED ON THE STANDARD SIZE STEEL POST FOR POSTS 1 THRU 3 IN THE TYPE "E" BES AND FOR POSTS 1 THRU 4 IN THE TYPE "F" & "G" BES. A RECTANGULAR GUARDRAIL PLATE WASHER IS PLACED UNDER THE STANDARD POST BOLT HEAD FOR POSTS 1 THRU 6 IN THE TYPE "E" BES AND FOR POSTS 1 THRU 7 IN THE TYPE "F" & "G" BES. SEE DETAILS FOR STEEL POST INSTALLATION ON SHEET GR-1B.
 - THE HEIGHT OF RAIL AT THE BRIDGE END IS 25" AND WILL BE TRANSITIONED TO 22" AT POST 7 IN THE TYPE "E" BES AND AT POST 8 IN THE TYPE "F" & "G" BES. THIS TRANSITION WILL BE A LINEAR TRANSITION IN THE VERTICAL PLANE.
 - GUARDRAIL ELEMENTS SHALL BE LAPPED IN THE DIRECTION OF TRAFFIC. THE ONLY EXCEPTION NOTED IS THAT GUARDRAIL IS TO BE LAPPED FOR APPROACHING TRAFFIC ON A BRIDGE WITH 2-WAY TRAFFIC.



- NOTES:
- TYPE "E" BES (POSTS 1 THRU 3); TYPES "F" & "G" BES (POSTS 1 THRU 4): 10" x 10" WOOD POST, 6'-0" LONG, WITH 6" x 8" WOOD BLOCKOUT, 14" LONG, ATTACHED USING GUARDRAIL BOLT "E" WITH PLAIN ROUND WASHER "F" UNDER NUT AND RECTANGULAR GUARDRAIL PLATE WASHER UNDER HEAD.
 - TYPE "E" BES (POSTS 4 THRU 6); TYPES "F" & "G" BES (POSTS 5 THRU 7): 6" x 8" WOOD POST, 6'-0" LONG, WITH 6" x 8" WOOD BLOCKOUT, 14" LONG, ATTACHED USING GUARDRAIL BOLT "D" WITH PLAIN ROUND WASHER "F" UNDER NUT AND RECTANGULAR GUARDRAIL PLATE WASHER UNDER HEAD.

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		ROADWAY DESIGN DIVISION	
DATE		STANDARD PLAN	
		GUARDRAIL: BRIDGE END SECTIONS TYPE "E", "F" & "G"	
			
		WORKING NUMBER GR-2A	
		SHEET NUMBER 185	
		ISSUE DATE: OCTOBER 1, 1998	