



**GENERAL NOTES:**

- I. ALL MATERIAL DESIGNATIONS ARE AS IDENTIFIED IN "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE" AS PUBLISHED BY THE "AMERICAN ASSOCIATION OF STATE AND HIGHWAY TRANSPORTATION OFFICIALS" (AASHTO), ASSOCIATED GENERAL CONTRACTORS OF AMERICA (AGC) AND THE AMERICAN ROAD AND TRANSPORTATION BUILDERS ASSOCIATION (ARTBA).
2. GUARDRAIL WITHIN THE PAY LIMITS OF SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/35 FOOT RADIUS) SHALL BE INSTALLED AT A HEIGHT OF 27 INCHES TO THE TOP OF RAIL.
3. POSTS 3 THROUGH 13 SHALL BE CRT TIMBER POSTS, PDE09.
4. POSTS 3 THROUGH 13 SHALL HAVE GUARDRAIL BOLTS AND RECESSED NUTS, FBB03.
5. ALL GUARDRAIL PANELS WITHIN THE PAY LIMITS FOR SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/35 FOOT RADIUS) SHALL BE W-BEAM GUARDRAIL, RWM02A AND SHALL BE SHOP BENT, WHERE APPLICABLE.
6. END TREATMENT SHOWN FOR REFERENCE ONLY.
7. WHEN STANDARD DRAWING G-ID IS USED FOR AN END TREATMENT ON THE SECONDARY ROAD IT SHALL BEGIN A MINIMUM OF 75 INCHES BEYOND THE PAY LIMITS FOR SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/35 FOOT RADIUS).
8. BASED ON DETAILS IN FHWA'S TECHNICAL ADVISORY T 5040.32, APRIL 13, 1992 (FOR REFERENCE ONLY).
9. PAYMENT SHALL BE MADE UNDER SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/35 FOOT RADIUS).
10. GUARDRAIL SHALL BE LAPPED IN THE DIRECTION OF THE NEAREST TRAVEL LANE.
- II. ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.

REV.	DATE	DESCRIPTION
0	JUN. 9, 2015	ORIGINAL APPROVAL
OTHER DETAILS REQUIRED: HSD 621.01		
DETAILS APPROVED FOR USE BY HIGHWAY SAFETY & DESIGN		

**STEEL BEAM GUARDRAIL,  
GALVANIZED/35 FOOT RADIUS**



**HIGHWAY SAFETY  
& DESIGN DETAIL**

**HSD-621.05**