

NOTES:

1. All work and materials shall conform to the provisions of Section 507 - Railings and Section 606 - Guardrail of the Standard Specifications, as applicable.
2. All exposed cut or sheared edges shall be broken and free of burrs.
3. Curb mounted posts shall be set normal to grade unless otherwise shown.
4. Composite / wood offset blocks shall match those of the associated highway guardrail system.
5. Perform non-destructive testing per Section 504. Acceptance criteria shall be in accordance with the latest edition of the AWS D1.5 Bridge Welding Code.
6. All non - stock parts shall be galvanized after fabrication in accordance with AASHTO M III (ASTM A123), except that hardware shall meet the requirements of either ASTM A153, ASTM F2329, or ASTM B695, Class 50, Type I. Parts except hardware shall be blast - cleaned prior to galvanizing in accordance with SSPC - SP6.
7. Anchor bolts shall be set with a template. Nuts securing the post base shall be tightened to a snug fit and given an additional 1/8 turn.
8. Nested guardrail beam and extra posts beyond the pay limits of the Bridge - Mounted Guardrail will be paid for as twice the required length of Guardrail Type 3 - Single Rail.
9. For details of the Concrete Transition Curb, refer to Standard Detail 609(08), Precast Concrete Transition Curb.

MATERIALS:

- Guardrail Beam, Composite / Wood
- Offset Blocks & Posts See Standard Specifications Section 710
- Base Plate & Anchor Plate AASHTO M 270M/M 270, Grade 250 (36)
ASTM A709/A709M, Grade 36 (250)
- Anchor bolts ASTM A449 or ASTM A1554, Grade 55
- Anchor bolt washers / nuts ASTM F436 / ASTM A563

GUARDRAIL TYPE 3 - SINGLE RAIL BRIDGE MOUNTED