

Hollow structural steel tubing shall conform to the requirements of ASTM designation A-500 Grade 3 Structural Steel Tubing and shall meet the longitudinal CVN requirements of 15 ft.-lbs. at 0° F.

All other steel shapes and plates shall conform to the requirements of AASHTO M-270 Grade 36 except posts and angles shall conform to AASHTO M-270 Grade 50.

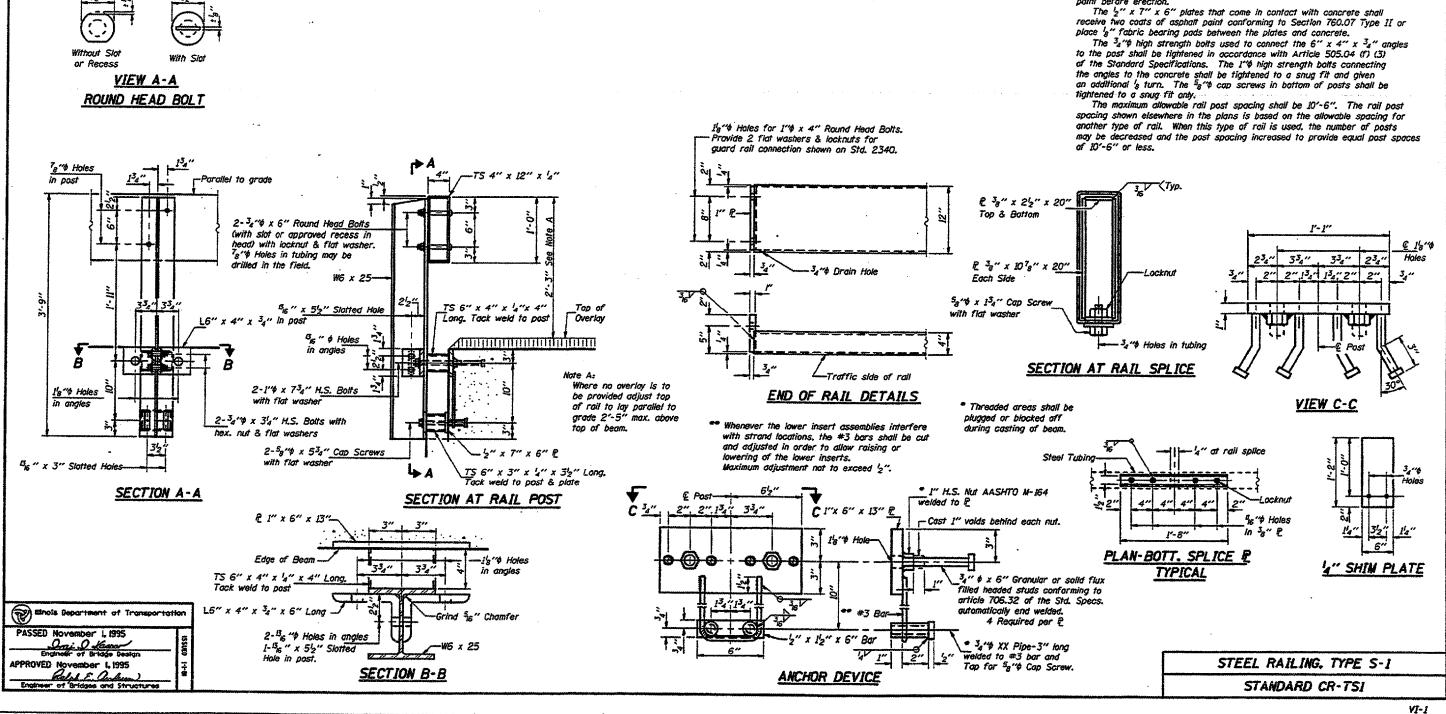
Bolts. cap screws, and nuts shall conform to the requirement of ASTM designation A-307 except for high strength bolts, nuts and washers nated which shall conform to AASHTO M-164.

All bolts, nuts, cap screws, washers and lock washers shall be galvanized in accordance with AASHTO M-232.

All posts, railing, rail splices, anchor devices and angles shall be galvanized after shop fabrication in accordance with AASHTO M-111 and ASTM A-385. Galvanized rail shall not be painted.

For multi-span bridges, sufficient '4" x 6" x 1'-2" galvanized steel shims shall be provided to align rall between adjacent spans. Cost incidental to Steel Railing, Type S-1.

All field drilled holes shall be coated with an approved zinc rich paint before erection.



As Required