THREE BEAM RAIL

**PART SECTION AT RAIL POST**

- See section C-C for 3" thru 6" positioning.

**POST-TO-BENT PLATE CONNECTION**

- See blockout detail with bending washers.

**BLOCKOUT-TO-BLOCKOUT CONN.**

- See publication B100 for grading of threaded rod.

**SECTION THRU THRIE BEAM RAIL**

- Washers shall be rectangular in shape with a 1/4 turn and the threads shall be burred.

**THREE BEAM SPLICE**

- Shims plates 6 x 6 x 1/16-inch may be used between the blockout and the thrie beam rail. The thickness of the shims shall be determined by the contractor and verified by the engineer before ordering material for this work.

- All steel connecting bolts and fasteners for post and railings, and all anchor bolts, nuts, washers and plates shall be galvanized and after fabrication will be considered completely covered by the contract unit for all steel rail guardrail system.

- Design Specifications: 2002 AASHTO LFD (17th Ed.)

- Missouri Standard Plan 617.10, except that Guardrail delineators shall be attached to the top of the thrie beam rail in addition to the terminals provided at both ends of the thrie beam rail. The thrie beam rail shall not deviate 1/8" from the line of travel.