



NOTES

GALVANIZING: Galvanize all bolts, nuts, washers and pipe sleeves in accordance with ASTM F 2329. Galvanize metal guardrail in accordance with ASTM Specification A 653 or AASHTO M 111.

REFLECTORS: Place a reflector on each end rail post and at approximately equal spacing (every third rail post but not to exceed 25 feet) between end rail posts. Mount reflectors with reflectorized face toward oncoming traffic. See Dtl. Dwg. No. 606-05 for reflector detail. Mount reflector to W-beam post web with an approved adhesive. Include the cost of the reflector in the unit price bid for Bridge Rail ~ T101.

PAYMENT: Bridge Rail ~ T101 is paid for by the linear foot which is full compensation for all resources necessary to complete the item. The number of linear feet of Bridge Rail ~ T101 for payment is shown on the General Layout. Use posts and plates conforming to AASHTO M 270 Grade 36T3. Use metal guardrail conforming to AASHTO M 180 and lap in direction of traffic.

ERECTION: Set the rail parallel to the roadway grade. Adjust rail to proper rail height using vertical slots in rail post or rail post shims.

PAINTING: Paint all posts, structural tubing and plates (except as noted) in accordance with the Standard Specifications. Galvanizing the posts, structural tubing and plates in accordance with AASHTO M 111 is allowed.

EXCEPTIONS: Use details shown on this drawing only as they apply to the project. Anchorage details may vary. Refer to other drawings for variations in these details.

FABRICATION: For the purposes of fabrication, this rail system is considered an ancillary item. The requirements of subsection 1.3.7 of AASHTO/AWS D1.5 apply.

RAIL WEIGHT: For informational purposes only, the rail weight is approximately 40.0 lb/ft.

STANDARD BRIDGE RAIL
TYPE T101

MDTA
MONTANA DEPARTMENT
OF TRANSPORTATION

BRIDGE BUREAU

DRAWING NO.
SBR-T101

No Scale

\$FILES\$ \$TIMES\$ \$DRAWS\$ \$CHECKS\$ \$APPROVED\$ \$REVISED\$ \$DATE\$