



NOTE: Guardrail Terminal Section as shown.

- ### GENERAL NOTES
- FABRICATION**
- Design Standard 1965 A.A.S.H.O. Specification (Traffic Rail)
 - Fabrication is to be in accordance with Bridge Branch Specification B 187-64.
 - All steel shall conform to C.S.A. G40.12 or A.S.T.M. A 36 except structural tubing to conform to A.S.T.M. A 5008. Anchor bolts to meet A.S.T.M. A 307.
 - All materials shall be hot dip galvanized after fabrication in accordance with the requirements of the following A.S.T.M. Specifications:
 - Railing and posts A 123
 - Bolts and anchor bolt assemblies A 153
 - Bridge to be considered level for bridge rail fabrication unless the roadway grade exceeds 1%. Adjustment for roadway grade, if required, is to be made by varying the 4" dimension as shown on "Rail End Elevation".
 - Post base plate to be placed on bevel if roadway grade exceeds 2%.
- ERECTION**
- Tightening of Rail Bolts: Top rail bolts may be tightened from the head inside the post. Bottom rail bolts may be tightened through the 1 3/4" slot under the rail, using a 15" angled or offset box and wrench suitably bent and extended to achieve the required 1/2 turn of the nut from snug tight.
 - All posts to be vertical.
 - All dimensions are measured parallel to top of curb and along centerline of anchor bolt assemblies.
 - Line and elevation of rail to be set by instrument.

DESIGNED BY: C.W. Foster, 1971
 DATE: 10 19 70
 CHECKED BY: J. Palmer, 1971
 DATE: 10 19 70

SUPERSEDED
 Oct 14, 1970

SUPERSEDED
 By S-986-71
 ON June 9th/1971

2'-9" TUBE TYPE BRIDGERAIL

GOVERNMENT OF THE PROVINCE OF ALBERTA
 DEPARTMENT OF HIGHWAYS
 BRIDGE BRANCH, EDMONTON

FILE NO. _____ REV. NO. _____ DRAWING NO. **S-986-70A**

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