

GENERAL NOTES

FABRICATION

Design Standard 1965 A.A.S.M.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 500F. Anchor bolts to meet A.S.T.M. A 307.

All Anchor bolt assemblies shall be hot dip galvanized after fabrication in accordance with A.S.T.M. Specification 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%.

Tube sections shall be fabricated in the configurations shown in "Tube Section Types".

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" x 4" slot under the rail, using a 15" angled or offset box end wrench suitably bent and extended to achieve the required 1/2 turn of the nut from snug tight.

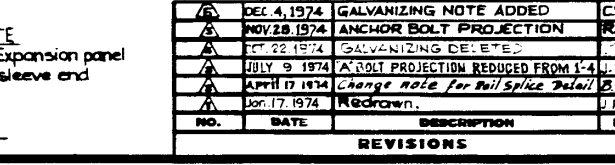
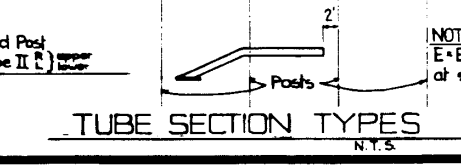
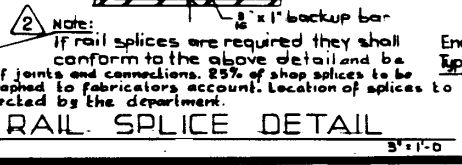
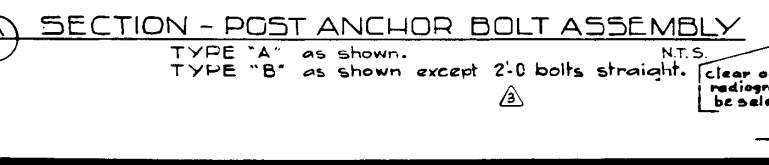
All posts to be vertical.

All dimensions are measured parallel to top of curb and along centerline of post anchor bolt assemblies.

Line and elevation of rail to be set by instrument.

SUPERSEDED BY SOR 2
SUPERSEDED

CHIEF BRIDGE ENGINEER



NO.	DATE	DESCRIPTION	BY
1	DEC. 4, 1974	GALVANIZING NOTE ADDED	C.W.P.
2	NOV 28 1974	ANCHOR BOLT PROJECTION	R.G.R.
3	OCT 22 1974	GALVANIZING DELETED	
4	JULY 9 1974	ANCHOR BOLT PROJECTION REDUCED FROM 1-4 I.R.C.	
5	APRIL 17 1974	Change note for Rail Splice Detail	B.D.N.
6	Jan. 17, 1974	Redrawn.	J.R.C.

2'-9" TUBE TYPE BRIDGERAIL

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

FILE NO. _____ HWY. NO. _____ SWR. NO. _____
LOCATION _____ SCALE _____ SHEET _____ OF _____
5-986-74

DESIGNED BY C.W. Peterson DATE 10 19 63
 CHECKED BY J. Splimann DATE May 19 63
 CHECKED BY J. Splimann DATE May 19 63