


- ### GENERAL NOTES
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - DESIGN STANDARD CAN/CSA-S6-88 SPECIFICATIONS (ROADWAY RAILING).
 - 700 mm TUBE BRIDGERAIL WITH PARTICIPATING CURB SHALL BE USED FOR ROADWAY WIDTH OVER 9 m.
 - DEEP-BEAM BRIDGERAIL WITH PARTICIPATING CURB MAY BE USED FOR ROADWAY WIDTH 9 m OR LESS.

- ### FABRICATION
- BRIDGERAIL SHALL CONFORM TO THE CURRENT REQUIREMENTS OF THE SPECIFICATIONS FOR BRIDGE CONSTRUCTION SECTION 12 - BRIDGERAIL.
 - ALL STEEL PLATES SHALL CONFORM TO ASTM SPECIFICATION A36 OR CSA G40.21 GRADE 300W. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500B. ANCHOR BOLTS SHALL CONFORM TO ASTM A307.
 - ALL BOLTED CONNECTIONS, EXCEPT AS NOTED, SHALL BE MADE WITH 20 x HIGH TENSILE STRENGTH BOLTS, NUTS AND TWO HARDENED WASHERS CONFORMING TO ASTM SPECIFICATION A325. (3/4\"/>

- ### ERECTION
- ALL DIMENSIONS ARE MEASURED PARALLEL TO TOP OF CURBS AND ALONG CENTRELINE OF ANCHOR BOLT ASSEMBLIES.
 - ALL RAIL BOLTS SHALL BE WRENCH TIGHT ONLY.
 - LOCTITE THREADLOCKER NO 271 ADHESIVE OR EQUIVALENT SHALL BE APPLIED TO THE ENGAGED THREADS IMMEDIATELY PRIOR TO TIGHTENING RAIL BOLTS.

APPROVED					Alberta TRANSPORTATION AND UTILITIES BRIDGE ENGINEERING BRANCH 700 mm TUBE OR 560 mm DEEP-BEAM BRIDGERAIL STANDARD SC BRIDGES										
 EXECUTIVE DIRECTOR BRIDGE ENGINEERING DATE: SEPT 7, 1990															
REV	DATE	REVISIONS	BY	DATE	DESIGNED	DRAWN	DATE	CHECKED	DATE	STREAM	LOCATION	HIGHWAY	FILE	SHEET	DRAWING
					WP	VMV	90-08-22								S-1600