



- GENERAL NOTES**
- REFER TO ENGINEERING DRAWINGS FOR DIMENSIONS "A" THROUGH "G" AND "X".
 - MAXIMUM GAP "X" SHALL NOT EXCEED 115 mm.
 - ALL REQUIREMENTS OF THE CURRENT BRIDGE BRANCH SPECIFICATION FOR THE SUPPLY OF STRUCTURAL STEEL FOR BRIDGES (SPEC NO B-187M) SHALL BE MET.
 - ALL STEEL SHALL CONFORM TO THE REQUIREMENTS OF CAN3- G40.21M-300W OR ASTM A36.

- MATERIALS AND FABRICATION**
- CONTINUOUS SEALING SYSTEM TO BE ONE OF THE FOLLOWING TYPES:
 - ELASTOMETAL "PS-57" WITH TYPE "CI" EXTRUSION
 - HONEL GSH 141"W-DE" SYSTEM (SHOWN)
 - GOODCO MAURER "DI30MS" WITH TYPE SSCM EXTRUSION.
 - METAL EXTRUSIONS SHALL BE SUPPLIED IN TWO LENGTHS UNLESS NOTED OTHERWISE, STRIP SEAL SHALL BE SUPPLIED IN ONE CONTINUOUS LENGTH.
 - BOLTED CURB COVER PLATES SHALL BE HOT DIP GALVANIZED AFTER FABRICATION. ALL OTHER METAL PARTS EXCEPT ERECTION ANGLES, SPACER PLATES AND STAINLESS STEEL BOLTS SHALL BE HOT DIP GALVANIZED OR ZINC METALLIZED AFTER FABRICATION.
 - ALL GALVANIZING SHALL MEET ASTM SPEC A123 OR A153 AS APPLICABLE.
 - ZINC METALLIZING SHALL BE 180 MICRONS THICK AND IN ACCORDANCE WITH CSA G-189.
 - ALL WELDING SHALL CONFORM TO CURRENT AWS SPECIFICATION D1.5.
 - SHOP ASSEMBLE FOR INSPECTION IN A RELAXED CONDITION WITH ERECTION ANGLES REMOVED. APPROVAL OF ASSEMBLY REQUIRED PRIOR TO APPLICATION OF ERECTION ANGLES.
 - JOINT SHALL BE TRANSPORTED WITH ERECTION ANGLES ATTACHED.

- PROCEDURE**
- ERECT ASSEMBLY AND SET ELEVATIONS BY INSTRUMENT.
 - SECURE ROADWAY PORTION OF ASSEMBLY TO GIRDERS AND BACKWALL BY BOLTING/WELDING AS REQUIRED. FOR STEEL GIRDERS, ADJUST GIRDER SUPPORT CLIPS AS NECESSARY.
 - MAINTAIN THE DECK JOINTS' FACTORY GAP SETTING UNLESS ADVISED TO RESET GAP BY THE ENGINEER.
 - THE ATTACHMENT SHALL BE STRONG ENOUGH TO MAINTAIN THE CORRECT GAP, GRADE AND ALIGNMENT OF THE ASSEMBLY UNTIL AFTER CONCRETE HAS SET. ADDITIONAL SUPPORTS MAY BE REQUIRED TO ENSURE THESE CONDITIONS ARE MET.
 - REMOVE ERECTION ANGLES IMMEDIATELY AFTER ASSEMBLY IS SECURELY ATTACHED TO PREVENT DAMAGE DUE TO TEMPERATURE VARIATION.
 - PLACE CLASS D CONCRETE IN BLOCKOUTS AS SHOWN.
 - REMOVE ALL FORMWORK AND CLEAN EXCESS CONCRETE AND DEBRIS FROM ASSEMBLY.
 - INSTALL THE CURB PORTIONS OF THE DECK JOINT ASSEMBLY AND PLACE CONCRETE.
 - APPLY SILANE SEALER TO EXPOSED CONCRETE SURFACES.

- BY SUPPLIER**
- REMOVE CURB COVER PLATES WHEN JOINT IS READY FOR STRIP SEAL INSTALLATION. SUPPLIER SHALL INSTALL SEAL AND TORQUE CURB COVER PLATE BOLTS TO THE PROCEEDING VALUE.

BY 5-1493-92 Δ 92-01-15

SUPERSEDED

DESIGNED		DATE		CHECKED		DATE		STREAM		LOCATION		HIGHWAY		FILE		SHEET		DRAWING	
DBS		WS VMV		90-01-29														S-1493	

REV	DATE	REVISIONS	BY
91-02-20		GENERAL REVISION & DRAWING TITLE.	DBS
90-11-30		STOP MOVEMENT BARS, GEN. NOTES	DBS

APPROVED	
<i>[Signature]</i>	EXECUTIVE DIRECTOR BRIDGE ENGINEERING
DATE	MARCH 2, 1990

Alberta TRANSPORTATION AND UTILITIES		BRIDGE ENGINEERING BRANCH	
TYPE I SILICONE STRIP SEAL Δ			
FOR DECK JOINT REPLACEMENT			