



GENERAL NOTES

- REFER TO CONTRACT DRAWINGS FOR DIMENSIONS "A" THROUGH "E" AND "X"; GAP SETTING TABLE; AND DECK JOINT ELEVATION.
- MAXIMUM GAP "X" SHALL NOT EXCEED 115 mm.
- ALL REQUIREMENTS OF THE CURRENT BRIDGE BRANCH SPECIFICATIONS FOR THE SUPPLY OF STRUCTURAL STEEL FOR BRIDGES ISPEC NO B-187MI 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 EFE 400 WITH TYPE M EXTRUSION AS SHOWN
 - HONEL GHS 141W-DE
 - DS BROWN 'O-400' SEAL WITH TYPE SSCM EXTRUSION
 - STELENCO DURATHERM SYSTEM WITH A MODIFIED CS EXTRUSION
- MULTI-WEB STRIP SEAL SHALL BE NEOPRENE, NATURAL RUBBER OR APPROVED EQUIVALENT.
- METAL EXTRUSIONS SHALL BE SUPPLIED IN ONE PIECE 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 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 ASSEMBLY FOR INSPECTION IN A RELAXED CONDITION WITH ERECTION ANGLES REMOVED. APPROVAL OF ASSEMBLY REQUIRED PRIOR TO APPLICATION OF ERECTION ANGLES. SET GAP IN SHOP ACCORDING TO "GAP SETTING TABLE" FOR -5°C TEMPERATURE.
- JOINT SHALL BE TRANSPORTED WITH ERECTION ANGLES ATTACHED.
- BY INSTALLER**
- 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.
- THE ATTACHMENT SHALL BE STRONG ENOUGH TO MAINTAIN THE CORRECT GAP, GRADE AND ALIGNMENT OF THE ASSEMBLY UNTIL AFTER CONCRETE PLACEMENT BY THE CONTRACTOR. 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 FROM OCCURRING.
- PLACE CONCRETE AS FOLLOWS: - CLASS D OR 30 MPa CONCRETE IN BLOCKOUTS WHERE APPLICABLE - CLASS C CONCRETE IN DECK SLAB OR ROOF SLAB WHERE APPLICABLE
- 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. DECK JOINT SUPPLIER SHALL INSTALL SEAL AND TORQUE CURB COVER PLATE BOLTS TO THE PROPER VALUE.

APPROVED						EXECUTIVE DIRECTOR BRIDGE ENGINEERING						DATE: PRELIM			
												DATE:			
DESIGNED: DBS				DRAWN: VMV				DATE: 91-09-03				CHECKED:			
1. APPROVED FOR CONSTRUCTION 2. NOT APPROVED SEE DWG S-1497-94												Alberta TRANSPORTATION AND UTILITIES BRIDGE ENGINEERING BRANCH			
TYPE III STRIP SEAL DECK JOINT FOR NEW BRIDGE CONSTRUCTION												STREAM: _____ LOCATION: _____ HIGHWAY: _____ FILE: _____ SHEET: _____ OF: S-1488			
REV:	DATE:	DRAWN:	CHECKED:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	

