



GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - REFER TO SITE SPECIFIC DRAWINGS FOR DIMENSIONS "A" THROUGH "H" AND "X".
 - MAXIMUM GAP "X" SHALL NOT EXCEED 115 mm. MINIMUM GAP "H" SHALL NOT BE LESS THAN MANUFACTURERS MINIMUM INSTALLATION WIDTH.
 - 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 "EFE400" WITH TYPE "E" EXTRUSION (SHOWN)
 - HONEL GSH 141"W-AS" SYSTEM
 - DS BROWN "0400" SEAL WITH TYPE "SSE2" EXTRUSION
 - AJ BRAUN BI-100 CELLULAR SEALING SYSTEM
 - RJ SERIES STRIP SEAL WITH TYPE RJE EXTRUSION
 - MULTI-WEB STRIP SEAL SHALL BE NEOPRENE, NATURAL RUBBER OR APPROVED EQUIVALENT.
 - ALL REQUIREMENTS OF THE CURRENT BRIDGE BRANCH SPECIFICATION FOR THE SUPPLY OF STRUCTURAL STEEL FOR BRIDGES (SPEC NO B-187M) SHALL BE MET.
 - METAL EXTRUSIONS SHALL BE SUPPLIED IN TWO PIECES 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 D 1.5.
 - SHOP ASSEMBLE FOR INSPECTION IN A RELAXED CONDITION WITH ERECTION ANGLES REMOVED. APPROVAL OF ASSEMBLY REQUIRED PRIOR TO APPLICATION OF ERECTION ANGLES.
 - PRESET GAP IN SHOP FOR A TEMPERATURE OF +15°C.
 - JOINT SHALL BE TRANSPORTED WITH ERECTION ANGLES ATTACHED AND THE EXTRUSION CAVITY SEALED WITH TAPE.

BLOCKOUT PREPARATION (AS SPECIFIED ON SITE SPECIFIC DRAWING)

- CONSTRUCT BLOCKOUTS AS SHOWN ON SITE SPECIFIC DRAWINGS.
- INSTALL CURB COVERPLATE ASSEMBLIES AND PLACE CONCRETE AS SPECIFIED IN ABUTMENT AND DECK CURB BLOCKOUTS.

JOINT INSTALLATION

- ERECT ASSEMBLY.
- FORM AND SEAL OPENING BETWEEN EXTRUSIONS.
- USE ERECTION ANGLES TO ADJUST ASSEMBLY PARALLEL TO EXISTING ROADWAY GRADE AS SHOWN ON SECTION C.
- MAINTAIN THE DECK JOINT(S) PRESET GAP UNLESS ADVISED TO RESET GAP BY THE ENGINEER.
- PLACE ELASTOMERIC CONCRETE IN BLOCKOUTS AS SHOWN.
- REMOVE ERECTION ANGLES IMMEDIATELY AFTER ELASTOMERIC CONCRETE HAS SET TO PREVENT DAMAGE DUE TO TEMPERATURE VARIATION.
- REMOVE ALL FORMWORK AND CLEAN EXCESS CONCRETE AND DEBRIS FROM ASSEMBLY.

SEAL INSTALLATION

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

SUPERSEDED
S-1497-94 BY REVISION 46-03-15

SUPERSEDED
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DESIGNED DBS		DRAWN WS	DATE 93-12-06	CHECKED WP	DATE 94-01-07	APPROVED EXECUTIVE DIRECTOR BRIDGE ENGINEERING	DATE Jan 07/94	Alberta TRANSPORTATION AND UTILITIES BRIDGE ENGINEERING BRANCH TYPE III STRIP SEAL DECK JOINT	
REV	DATE	REVISIONS		BY					
93-12-06		REDRAWN FROM S-1497 REV 4		DBS					
DESIGNED	DRAWN	DATE	CHECKED	DATE	STREAM	LOCATION	HIGHWAY	FILE	SHEET
DBS	WS	93-12-06	WP	94-01-07					OF
									DRAWING S-1497-94