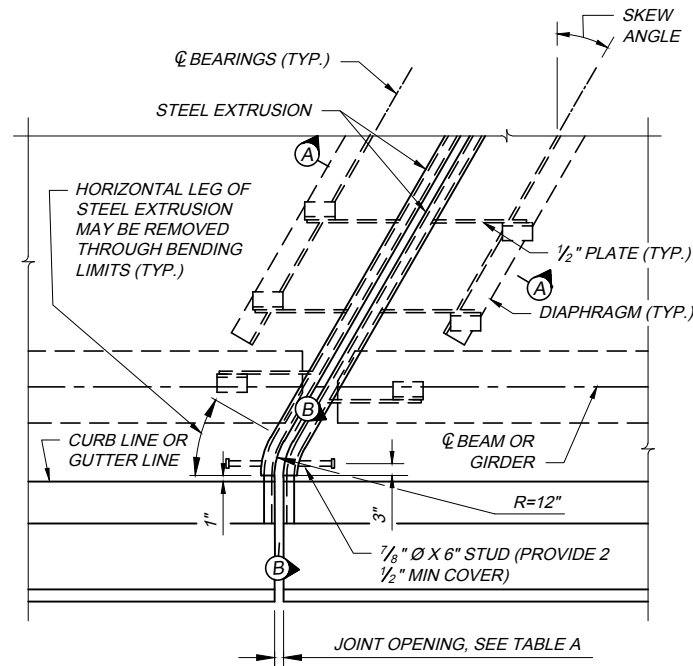
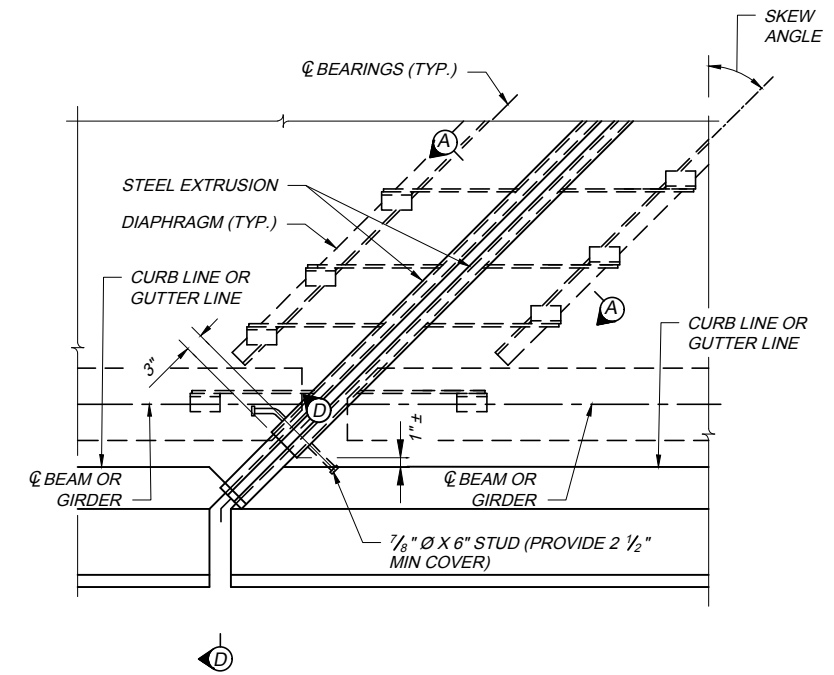


PLAN - SKEW ANGLE < 10°

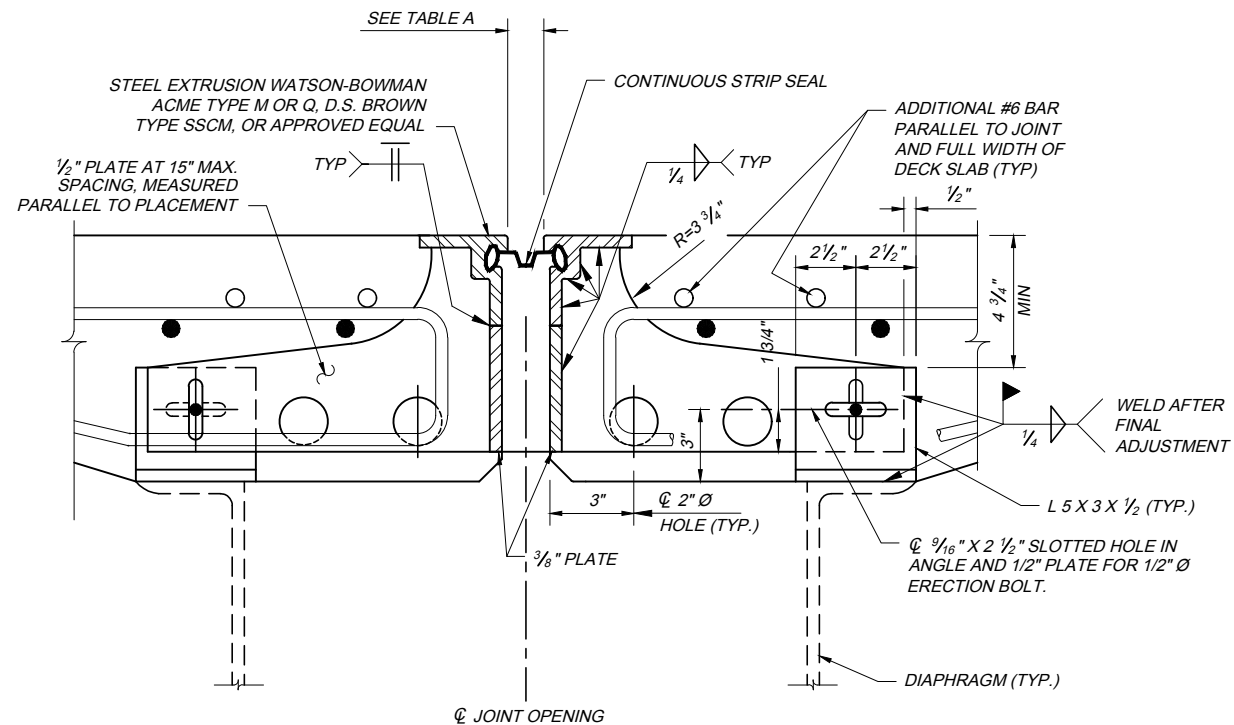


PLAN - SKEW ANGLE 10° TO 45°



PLAN - SKEW ANGLE > 45°

NOTE: WHEN SKEW ANGLE IS GREATER THAN 45°, FURNISH JOINT ASSEMBLIES IN TWO SECTIONS AND PROVIDE A FIELD SPLICE AT THE CENTERLINE OF ROADWAY.



SECTION A-A (STRIP SEAL)
WATSON-BOWMAN ACME TYPE M,
D.S. BROWN TYPE SSCM EXTRUSIONS SHOWN.

TABLE A

STRIP SEAL SIZE	STRIP SEAL JOINT OPENING						
	TEMPERATURE °F						
	30	40	50	60	70	80	90
3"	2 1/4"	2 1/8"	2"	1 7/8"	1 3/4"	1 5/8"	1 1/2"
4"	3"	2 3/4"	2 5/8"	2 3/8"	2 1/4"	2 1/8"	1 7/8"
5"	3 1/2"	3 3/8"	3 1/8"	2 7/8"	2 5/8"	2 3/8"	2 1/8"

NOTES:

- STUDS SHALL BE LOW CARBON STEEL IN ACCORDANCE WITH ASTM A-108.
- THE MINIMUM LENGTH OF RETAINER SHALL BE 6'-0" BETWEEN JOINTS UNLESS OTHERWISE SHOWN.
- JOINTS IN EXTRUSIONS SHALL HAVE WATERTIGHT, PARTIAL PENETRATION BUTT WELDS COMPLETELY AROUND THE OUTER PERIPHERY OF THE ABUTTING SURFACES. WELDS WHICH WILL BE IN CONTACT WITH THE SEAL AND/OR ANCHOR PLATES SHALL BE GROUND SMOOTH.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
- CONTINUOUS STRIP SEALS SHALL BE AS MANUFACTURED BY WATSON-BOWMAN ACME, D.S. BROWN OR APPROVED EQUAL, AND SHALL BE THE SIZE AS SPECIFIED. SEE STRIP SEAL SELECTION TABLE ON DRAWING DJ-2.
- DETAILS AT DIAPHRAGMS SHOWN, DETAILS AT BEAMS OR GIRDERS SIMILAR.
- TRANSVERSE JOINTS IN VERTICAL LEGS OF EXTRUSIONS SHALL HAVE FULL PENETRATION BUTT WELDS. WELDS WHICH WILL BE IN CONTACT WITH SEALS SHALL BE GROUND FLUSH.
- FINISHED STEEL ASSEMBLY SHALL BE METALIZED, SEE SP 533 OR SP 533A.
- FOR SECTIONS B-B AND D-D, SEE STANDARD DRAWING DJ-2.

DESIGNER NOTES:

MAXIMUM EXPANSION LENGTHS
STRIP SEAL SIZE;
(3") = 160 FEET
(4") = 224 FEET
(5") = 304 FEET

DJ-5 2017.10.20.dwg; 10/26/17 - 10:30am