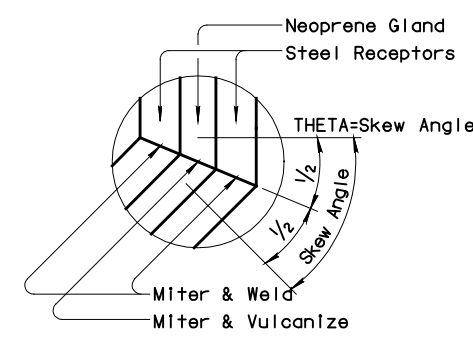
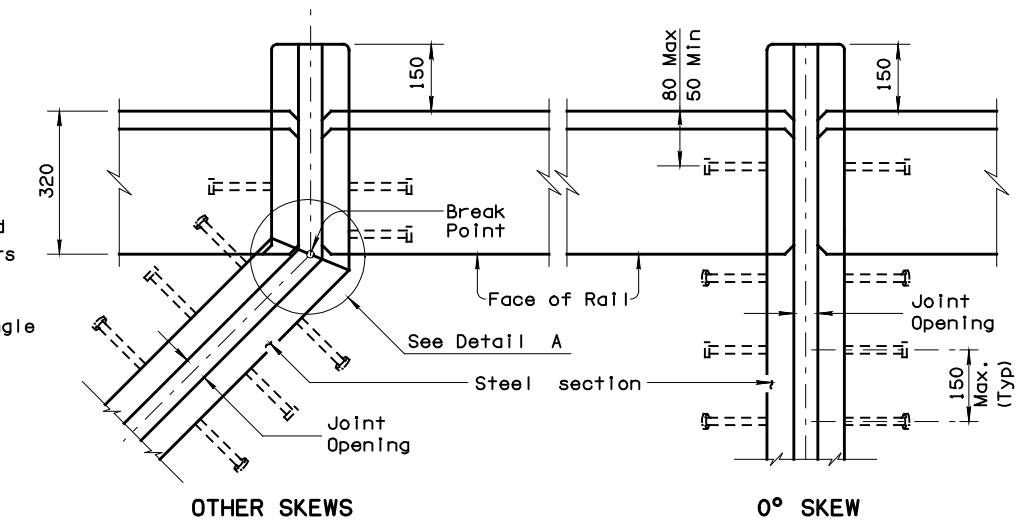


NEOPRENE SEAL

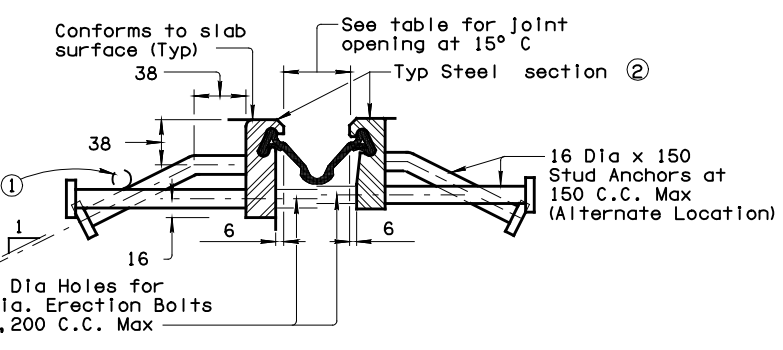
- ① Transverse bars in conflict with SEJ studs in either the bridge slab or approach slab shall be moved to rest at the junction of the studs.
- ② Shape of steel section shown is typical. Variations depending on manufacturer are permissible with Bridge Div. approval.
- ③ Remove all burrs which will be in contact with seal prior to making splice.



DETAIL A
See Sec. 506.04(h)



PLANS OF END CONDITIONS



MANUFACTURER	STEEL SECTION ②	NEOPRENE SEAL	
		Seal Type	Joint Opening
D.S. Brown	Type SSCM2	A2X	50
Watson Bowman & Acme Corp	Type T	SE400	50
Watson Bowman & Acme Corp	Type R 1	SE400	50

GENERAL NOTES:

See Sec. 504.04(c) and Sec. 506.04(H) of the Standard Specifications for Highway Construction-Metric. Sealed Exp Jts shall be provided at locations shown on plans. Minimum slab thickness required for the use of SEJ-CO is 165 mm. Shop fabrication will be required at all intersections of cross slope and at break points. At splices, a continuous ground flush weld shall be provided except on all surfaces in locking contact with seal which shall have no burrs. Corresponding sections of Sealed Exp Jts shall be temporarily shop assembled, checked for fit, and match marked for shipment. Erection holes shall be punched so as to line up when Sealed Exp Jts are in their final position. Stud anchors shall be welded per SEC. 724. 04. The neoprene seal shall be continuous and included in the price bid for Sealed Exp Jt. The Contractor shall arrange for securing the Sealed Exp Jt in position, and placing to the proper grade and alignment by welding braces to adjacent reinf steel, to prestressed beam stirrups, or to anchors cast in concrete diaphragms. Cost of temporary bracing is to be included in the price bid for Sealed Exp Jt. After bracing and welding the steel section, the erection bolts and spacers shall be removed and erection holes sealed before placing slab concrete.

MATERIALS

Steel receptors shall be in accordance with ASTM A588. Preformed neoprene gland and lubricant adhesive shall be in accordance with the manufacturer's published literature.

METHOD OF MEASUREMENT & BASIS OF PAYMENT

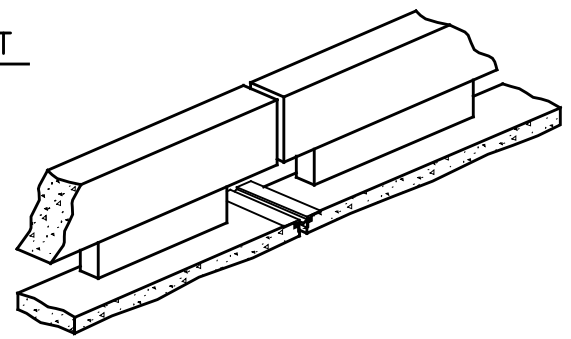
The Sealed Expansion Joint shall be measured by the linear meter along the centerline of the joint from end to end of the joint and will be paid for at the contract unit price bid for;

504(C) SEALED EXPANSION JOINT-COUNTY METERS

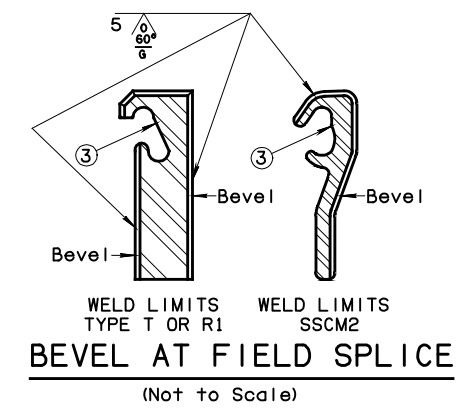
The price bid shall be full compensation for furnishing all materials in the complete joint including neoprene gland, receptors, welding, equipment, labor, and incidentals necessary to complete and install the Sealed Expansion Joint in place.

NOTE: THIS JOINT SHALL NOT BE USED ON BRIDGES WITH AN ADT GREATER THAN 3000.

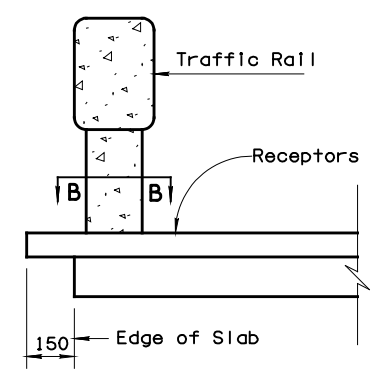
SECTIONS THRU SEALED EXPANSION JOINT



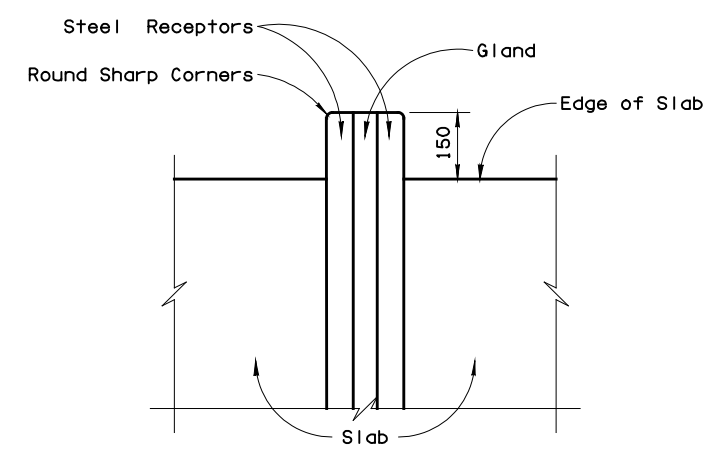
PICTORIAL VIEW SHOWING SEALED JOINT AT TRAFFIC RAIL



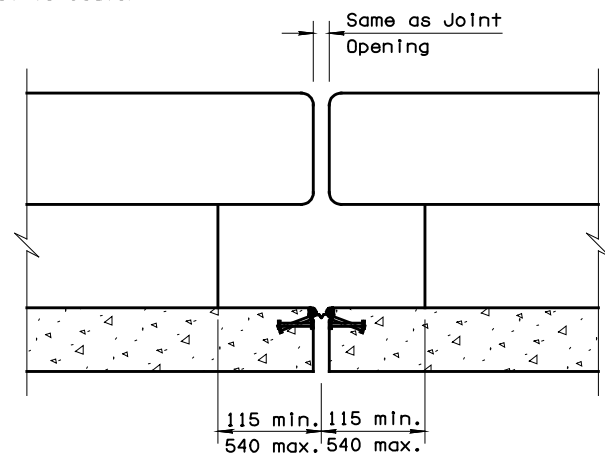
BEVEL AT FIELD SPLICE
(Not to Scale)



SECTION THRU TRAFFIC RAIL



SECTION B-B



TYPICAL SECTION THRU JOINT AT TRAFFIC RAIL OPENING

APPROVED BY BRIDGE ENGINEER	DATE
OKLAHOMA DEPT. OF TRANSPORTATION COUNTY BRIDGE STANDARD (METRIC)	
SEALED EXPANSION JOINT-COUNTY	
1999 SPECIFICATIONS	SEJ-CO-1 00M
ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS UNLESS OTHERWISE NOTED.	
CB-52M	