

**TYPICAL END TREATMENT
AT SIDEWALK OR MEDIAN**

Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

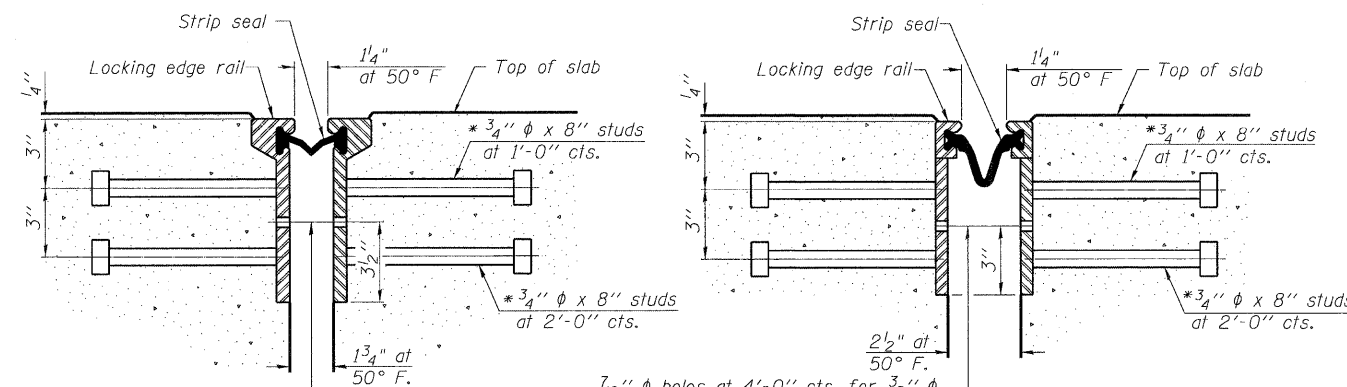
The Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities.

The manufacturer's recommended installation methods shall be followed.

The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet.

Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications. Maximum space between rail segments at stage lines shall be 3/16", sealed with a suitable sealant. Parapet plates and anchorage studs for skewers > 30° included in the cost of Preformed Joint Strip Seal.

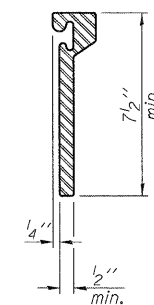


7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

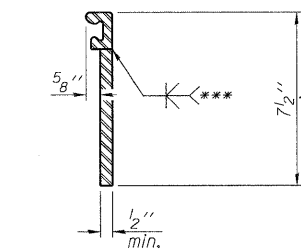
**SECTION THRU
ROLLED RAIL JOINT**

**SECTION THRU
WELDED RAIL JOINT**

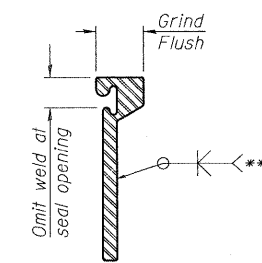
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



**ROLLED
EXTRUDED RAIL**



WELDED RAIL



**LOCKING EDGE
RAIL SPLICE**

The inside of the locking edge rail groove shall be free of weld residus.
Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	192

LOCKING EDGE RAILS



FILE NAME = 0160199-62099-18-EXPANSION.dgn	USER NAME =	DESIGNED - JPMILLA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 1 - HALSTED ST. OVER I-80/294 PREFORMED JOINT STRIP SEAL	F.A.P. RTE. 876	SECTION 2001-001BR	COUNTY C00K	TOTAL SHEETS 62	SHEET NO. 37
PLOT SCALE =	DRAWN - RMKANE	REVISED -	STRUCTURE NO. 016-0199			CONTRACT NO. 62099				
PLOT DATE = 07/01/2011	CHECKED - RALEE	REVISED -	SHEET NO. 18 OF 33 SHEETS							
ILLINOIS FED. AID PROJECT										