after forms are removed, typ.

ROLLED

EXTRUDED RAIL

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	cou	INTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 31
FAP Rte 614	144(B-1)	Cass &	Mason	351	167	86 ѕнеетѕ
FED. BOAD DIST, NO. 7		TILLINOIS	FED. AID PROJECT-			

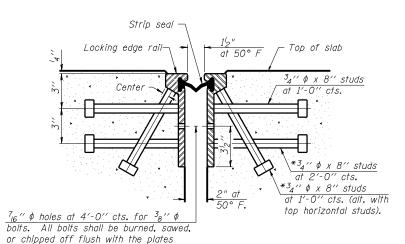
Contract #72A76

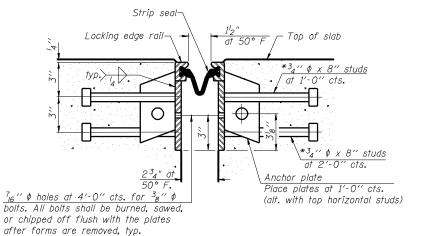
The strip seal shall be made continuous and shall have a minimum thickness of  ${}^{l}_{4}$ ". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated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

The height and thickness of the Locking Edge Rails shown are minimum dimensions. 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 and stage construction joints.

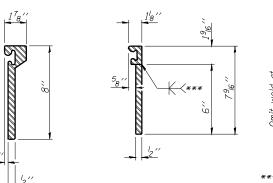
The manufacturer's recommended installation methods shall be followed. The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according 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.

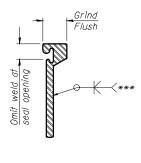




## SECTION THRU ROLLED RAIL JOINT



WELDED RAIL



\*\*\*Back gouge not required if complete joint penetration is verified by mock-up.

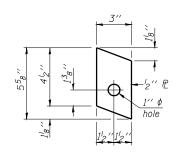
LOCKING EDGE

RAIL SPLICE

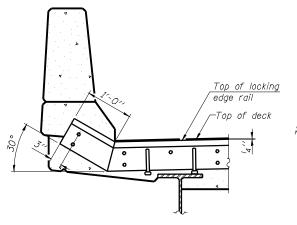
residue.

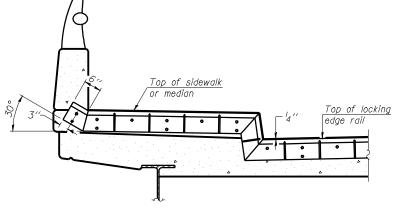
The inside of the locking edge rail groove shall be free of weld

## SECTION THRU WELDED RAIL JOINT



ANCHOR P



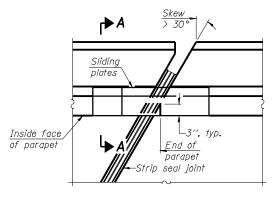


AT PARAPET

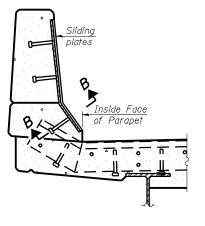
## AT SIDEWALK OR MEDIAN

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.

## LOCKING EDGE RAILS



PLAN

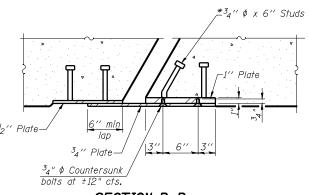


SECTION A-A

# lap 3<sub>4</sub> " Plate-<sup>3</sup>₄" ¢ Countersunk

SECTION B-B

## TYPICAL END TREATMENTS



PREFORMED JOINT STRIP SEAL (NORTH ABUTMENT) F.A.P. 614 (IL 78) OVER SANGAMON RIVER **PUBLIC WATERS** CASS & MASON COUNTIES SECTION 144 (B-1) STA. 913+26.00

BILL OF MATERIAL

Preformed Joint Strip Seal

STRUCTURE NUMBER 009-0510

Foot

42

07\$2026

03/27/09

Hanson Professional Services Inc

POINT BLOCK DETAILS (for skews > 30°)

5-16-08

EJ-SSJ