

after forms are removed, typ.

ROLLED

(EXTRUDED) RAIL

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



SHEET NO. 16 *32* sheets

Contract 60366

★ 2122B

shall be made at no additional cost to the State.

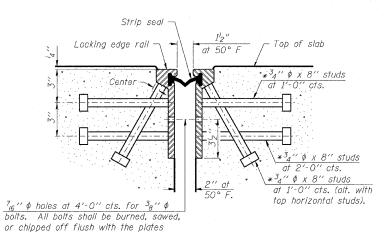
Notes:

The strip seal shall be made continuous and shall have a minimum thickness of $\frac{1}{4}$ ". 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 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.

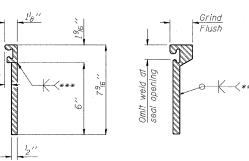
The manufacturer's recommended installation methods shall be followed. The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according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

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.



Strip seal Locking edge rail — Top of slab * 34" \$ x 8" studs at 1'-0" cts. 50° / Place plates at 1'-0" cts. 7_{16} " ϕ holes at 4'-0" cts. for 3_8 " ϕ (alt. with top horizontal studs) bolts. All bolts shall be burned, sawed, or chipped off flush with the plates

SECTION THRU ROLLED RAIL JOINT



residue.

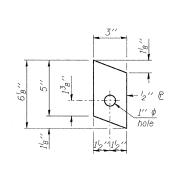


LOCKING EDGE

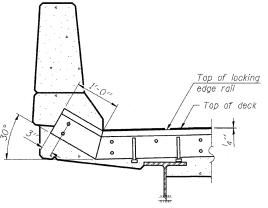
RAIL SPLICE The inside of the locking edge

rail groove shall be free of weld

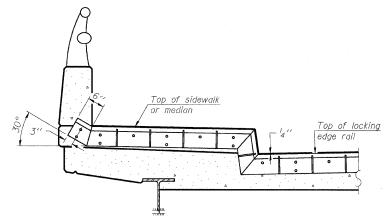
SECTION THRU WELDED RAIL JOINT



ANCHOR P



AT PARAPET

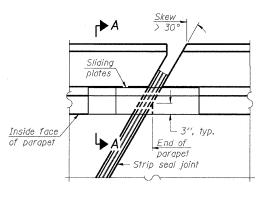


AT SIDEWALK OR MEDIAN

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.

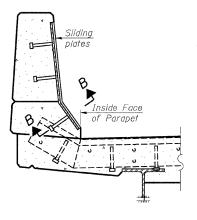
LOCKING EDGE RAILS

WELDED RAIL



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PLAN



SECTION A-A

*3₄" \$ x 6" Studs 3₄ '' Plate -³₄" ¢ Countersunk

TYPICAL END TREATMENTS

SECTION B-B

BILL OF MATERIAL

UNII	l otal
Foot	135
	Foot

illinois Firm Registration No.: 184-001533



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PREFORMED JOINT STRIP SEAL 103RD STREET OVER FAI 57 (DAN RYAN-WEST LEG) FAI RTE 57 SECTION 2122B COOK COUNTY STA 5+47.40 STRUCTURE NO 016-2127

DESIGNED	NDR
CHECKED	DSE
DRAWN	RTT
CHECKED	DSE
DATE	JAN 16,2009

EJ-SSJ 10-1-08

POINT BLOCK DETAILS (for skews > 30°)