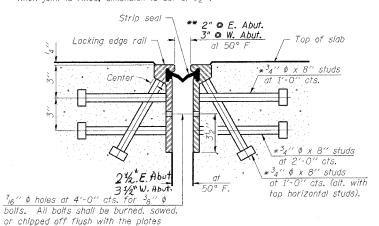
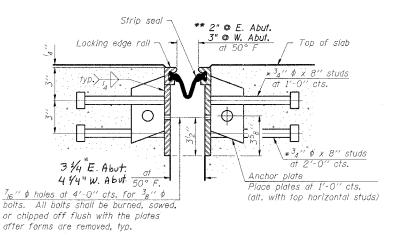
\* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

\*\* When joint is fixed, dimension is set at  $1_2''$ .





#### Notes:

The strip seal shall be made continuous and shall have a minimum thickness of \(^4\). 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.

CONTRACT NO. 74202

MACON

TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

COUNTY TOTAL SHEET NO.

18 17

RTE. SECTION

. D7 JOINT REPAIRS 2007-3

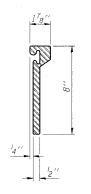
STA.

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.

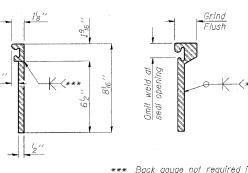
## SECTION THRU ROLLED RAIL JOINT



ROLLED

(EXTRUDED) RAIL

after forms are removed, typ.



residue.



LOCKING EDGE

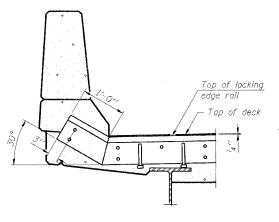
RAIL SPLICE

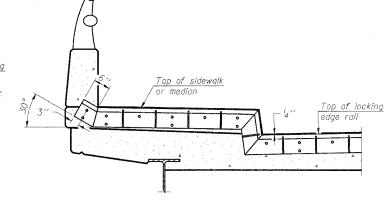
The inside of the locking edge rail groove shall be free of weld

SECTION THRU

WELDED RAIL JOINT

ANCHOR P (for welded rail)





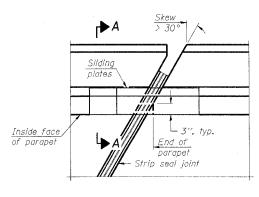
#### AT PARAPET

# AT SIDEWALK OR MEDIAN

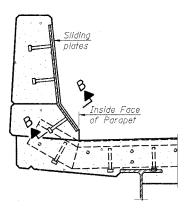
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.

### LOCKING EDGE RAILS

WELDED RAIL



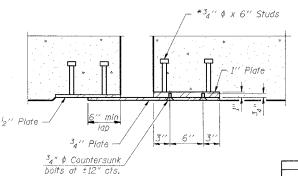
PLAN



SECTION A-A

POINT BLOCK DETAILS

# TYPICAL END TREATMENTS



- '	,,,	•				
SE	: C	TI	ON	B-	В	

# BILL OF MATERIAL

ILLINOIS DEPARTMENT OF TRANSPORTATION PREFORMED JOINT

STRIP SEAL SN 058-0020

SCALE: VERT. DRAWN BY DATE CHECKED BY

DATE NAME SCALE NAME

EJ-SSJ

11-1-06