

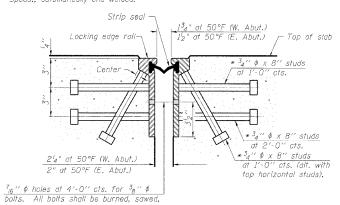
\* Granular or solid flux filled headed studs conforming to Article 1006,32 of the Std. Specs., automatically end welded.

or chipped off flush with the plates

<u>ROLLED</u>

EXTRUDED RAIL

after forms are removed, typ.



SECTION THRU

ROLLED RAIL JOINT

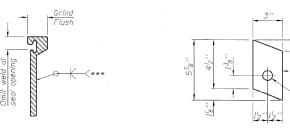
<del>\</del> \\*\*\*

WELDED RAIL

1<sup>3</sup><sub>4</sub>" at 50°F (W. Abut.) 1<sup>1</sup><sub>2</sub>" at 50°F (E. Abut.) Strip seal-Locking edge rai — Top of slab 3" at 50°F (W. Abut.) Anchor plate 2<sup>3</sup><sub>4</sub>" at 50°F (E. Abut.) (alt. with top horizontal studs)

 $\frac{7_{16}{''}}{\phi}$  holes at 4'-0'' cts. for  $\frac{3}{8}$ ''  $\phi$  bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

# <u>SECTION</u> THRU WELDED RAIL JOINT



ANCHOR P (for welded rail.

#### Notes:

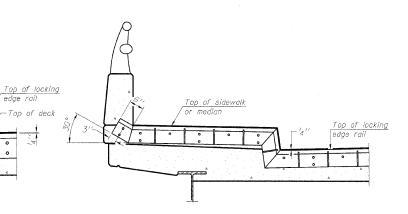
The strip seal shall be made continuous and shall have a minimum thickness of  $l_4$ ". The configuration of the strip seal shall match the configuration of the

of 'a'. 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 lights. 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 rall 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.

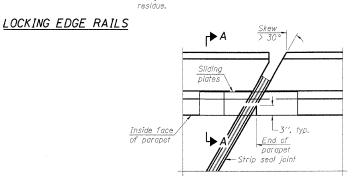


AT PARAPET

### AT SIDEWALK OR MEDIAN

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

## TYPICAL END TREATMENTS



PLAN

\*\*\*Back gouge not required if complete joint penetration

is verified by mock-up.

LOCKING EDGE RAIL SPLICE rail groove shall be free of weld

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\_\*3<sub>4</sub>'' ¢ x 6'' Studs 3<sub>4</sub> '' Plate—  $\frac{3}{4}$ "  $\phi$  Countersunk f bolts at  $\pm 12$ " cts. SECTION B-B

BILL OF MATERIAL Preformed Joint Strip Seal Foot

SECTION A-A

POINT BLOCK DETAILS

alfred benesch & company benesch Surveyors - Planners 205 North Michigan Avenue, Sulte 2400 Chicago. Illinois 60001 312-665-0450 Job No. 10050

SHEET NO. 7	F. R
8 SHEETS	

		31 NOCTORE NO. 016-0094					
SHEET NO. 7	F.A.I. RTE.	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
	290	(2727, ETC., 3131)RS-7			COOK	216	165
8 SHEETS					CONTRACT	NO. 60	G53
	FED. RC	AD DIST. NO.	ILLINOIS	FED.	AID PROJECT		

PREFORMED JOINT STRIP SEAL

EJ-SSJ 10-1-08

KWS

KWS

DESIGNED CHECKED

DRAWN

CHECKED