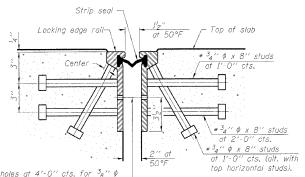


* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



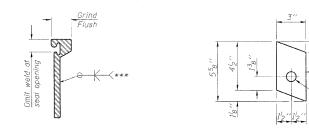
SECTION THRU

ROLLED RAIL JOINT

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

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

SECTION THRU WELDED RAIL JOINT



ANCHOR P

AT PARAPET

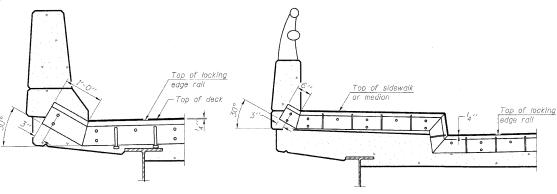
of '4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches. The height and thickness of the Locking Edge Rails shown are minimum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

The strip seal shall be made continuous and shall have a minimum thickness

shall be mode at no additional cost to the State.

All steel components shall be galvanized after fabrication occording to Article 520,03 of the Standard Specifications.



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.

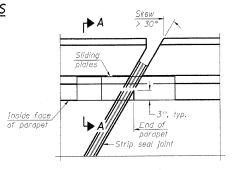
ROLLED EXTRUDED RAIL WELDED RAIL

LOCKING EDGE RAIL SPLICE

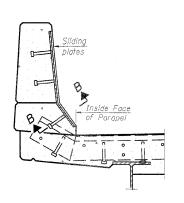
rail groove shall be free of weld residue.

***Back gouge not required if complete joint penetration

LOCKING EDGE RAILS

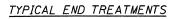


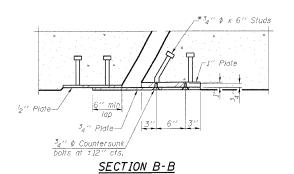
PLAN



SECTION A-A

POINT BLOCK DETAILS





BILL OF MATERIAL

PREFORMED JOINT STRIP SEAL CTRUCTURE NO DIC DORE

DESIGNED -.TJJ AAY CHECKED RMG DRAWN CHECKED ΔΔΥ

EJ-SSJ

10 - 1 - 08

benesch alfred benesch & company
Engineers - Surveyors - Planners
Sto North Michigan Avenue, Sulte 2400
Chicago, Illinois 60801
Grid-865-4650 Jeb No. 10050

SHEET NO. 8 9 SHEETS

		STRUCTUR	E NO. 016-00	<u> </u>	
8	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	(3031.1, ETC., 3838)RS-5	COOK	298	229
			CONTRACT	NO. 60	G52

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