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



 $\frac{7_{16}}{bolts}$ ,  $\frac{7}{6}$  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.







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

LOCKING EDGE

RAIL SPLICE

The inside of the locking edge



SECTION THRU WELDED RAIL JOINT



ANCHOR P (for welded rail.



Notes:

AT PARAPET

<u>ROLLED</u> (EXTRUDED) RAIL WELDED RAIL





1/2" Plate lαp ³₄′′ Plate− <sup>3</sup>₄" ¢ Countersunk / bolts at ±12" cts.

131

SECTION B-B

after forms are removed, typ.

POINT BLOCK DETAILS (for skews > 30°)

FILE NAME = USER NAME = midyja DESIGNED REVISED STATE OF ILLINOIS :\projects\dl20207\design\_aa.dg DRAWN REVISED JOINT DETAILS AT PIERS PLOT SCALE = 53.9884 '/ IN. CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** SCALE: SHEET NO. OF SHEETS STA. PLOT DATE = 10/30/2008 DATE REVISED

EJ-SSJ

9-3-07

The strip seal shall be made continuous and shall have a minimum thickness of l<sub>4</sub>". 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 actual continuities batch

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.



## 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.

## TYPICAL END TREATMENTS

*,*\*3₄‴¢ x 6″ Studs



## PREFORMED JOINT STRIP SEAL

S 1, 3 & 4	F.A.I RTE.	A.I SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
	80	99-1	-B-I-2		WILL	21	12
					CONTRACT	NO. 6	50D66
. TO STA.	FED. ROAD	DIST. NO.	ILLINOIS	FED. AID	PROJECT		