

-	<u>"A"</u> at 50 °F
Locking Edge Rail —	
Top of slab	Strip Seal
	* 3 ₄ " \(\phi \times 8" \\ studs at 1'-0" cts. * 3 ₄ " \(\phi \times 8" \\ studs at 2'-0" cts.
	Anchor Plate.
7 ₁₆ " \$\phi\$ holes at 1'-0" cts. for \$\frac{3}{8}\" \$\phi\$ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates	"A" + ½" Place plates at 1'-0" cts. (alt. with top horizontal studs)
after forms are removed. (typ.)	

GENERAL NOTES

78 (10BR-3)D & 11BR-8

Contract # 64B27

The strip seal shall be made continuous and shall have a minimum thickness of \(^1_4''\). The configuration of the strip seal shall match the configuration of the Locking

JO DAVIESS

45

SHEETS SHEET NO. 6

24 9 SHEETS

Edge Rails.

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 preformed joint seal. If the contractor elects to use the alternate strip seal 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.

SECTION THRU ROLLED RAIL EXP. JOINT

(392 Studs Required)

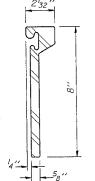
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

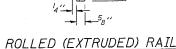
"A "

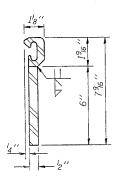
134"

SECTION THRU WELDED RAIL EXP. JOINT

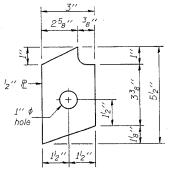
(236 Studs Required) (156 Anchor Plates Required)







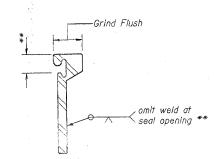
WELDED RAIL



ANCHOR PC (for welded rail)

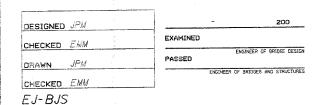
TYPICAL END TREATMENTS

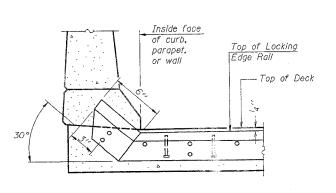
LOCKING EDGE RAILS



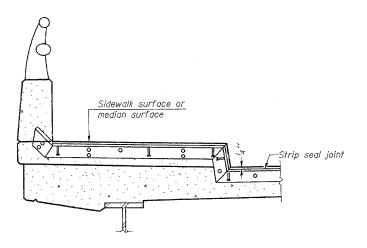
LOCKING EDGE RAIL SPLICE

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





AT CURB, PARAPET, OR WALL



AT SIDEWALK OR MEDIAN*

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

(Sheet 2 of 2)

<u>BRIDGE JOINT SYSTEM - EXPANSION</u>
(ALTERNATE-STRIP SEAL)

IL. RTE. 78 OVER
PLUM RIVER

F.A. 642 SECTION (10BR-3)D & 11BR-8

JO DAVIESS COUNTY

STA. 318+36.71

STRUCTURE NUMBER 043-0040

DATE : 12-21-05