

JOTAL SHEET NO. 6 78 GOBR-33D JO DAVIESS 24 45 PEO, ROAD DIST. NO. 7 BLAINDIS FED. AID PROJEC

Contract # 64B27

GENERAL NOTES

The strip seal shall be made continuous and shall have a minimum thickness of $\frac{1}{4}$ ". The configuration of the strip seal shall match the configuration of the Locking 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

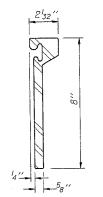
(392 Studs Required)

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

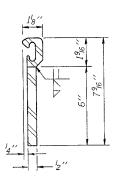
134"

SECTION THRU WELDED RAIL EXP. JOINT

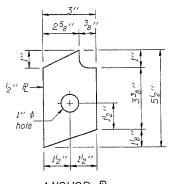
(236 Studs Required) (156 Anchor Plates Required)



ROLLED (EXTRUDED) RAIL



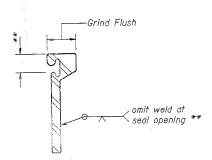
WELDED RAIL



ANCHOR P (for welded rail)

TYPICAL END TREATMENTS

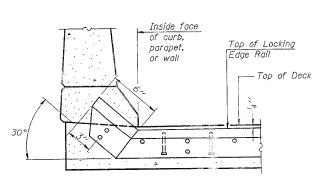
LOCKING EDGE RAILS



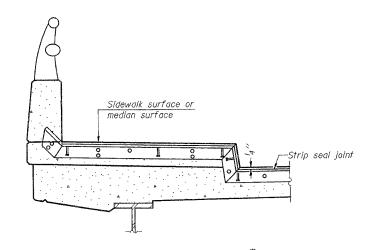
LOCKING EDGE RAIL SPLICE

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

DESIGNED	JPM			200
		EXAMINED		
CHECKED	LIMM	 	ENGT	NEER OF BRIDGE DESIGN
DRAWN	JPM	PASSED	Even	NEEDY OF BEHINDLE BESTON
CHECKED	ЕММ		ENGINEER OF BE	RIDGES AND STRUCTURES



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)

BRIDGE JOINT SYSTEM - EXPANSION (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