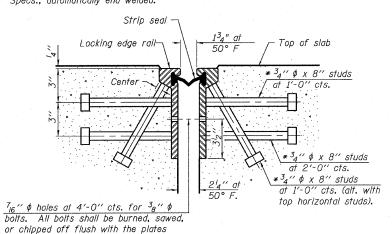
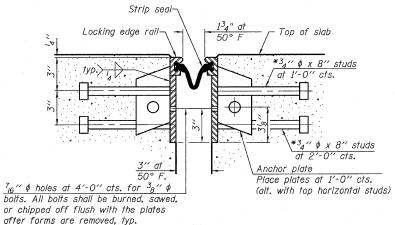
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

after forms are removed, typ.



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



SECTION THRU

WELDED RAIL JOINT

Notes

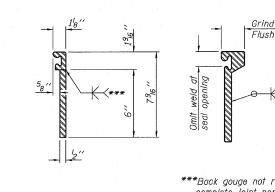
The strip seal shall be made continuous and shall have a minimum thickness of '4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of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

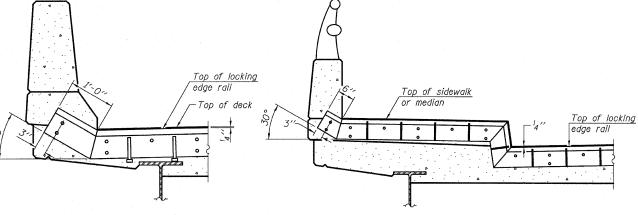
<u>SECTION THRU</u> <u>ROLLED RAIL JOINT</u>



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

3" 3" 50 For 10 Mole 10 Mole

ANCHOR PC (for welded rail)



AT PARAPET

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.

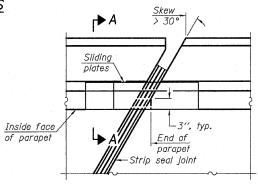
TYPICAL END TREATMENTS

ROLLED EXTRUDED RAIL WELDED RAIL

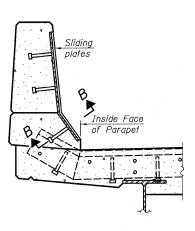
LOCKING EDGE RAIL SPLICE

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

LOCKING EDGE RAILS



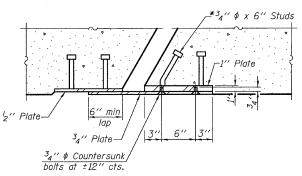
PLAN



SECTION A-A

POINT BLOCK DETAILS

(for skews > 30°)



<u>SECTION B-B</u>

BILL OF MATERIAL Item Unit Total Preformed Joint Strip Seal Foot 76.0

PREFORMED JOINT STRIP SEAL STRUCTURE NO. 026-0105

SHEET NO. 16	F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	752	(U-2BR1)B-1		FAYETTE	71	38
38 SHEETS	,			CONTRACT	NO. 74	235
	FED. RO	DAD DIST. NO. 7 ILLI	NOIS FED. AI	D PROJECT		

OATES ASSOCIATES
Consulting Engineers

Eastport Business Center 1 100 Lanter Court, Suite 1 Collinsville, Illinois 62234 618-345-2200 Design Firm License No. 184,001115

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CHECKED
DRAWN -
CHECKED -

EJ-SSJ

10-1-08