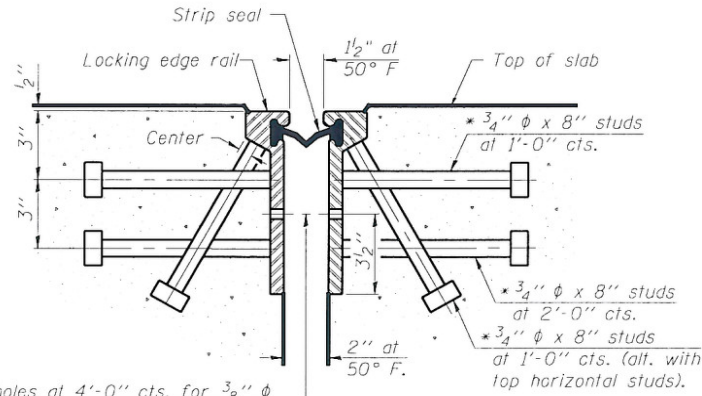


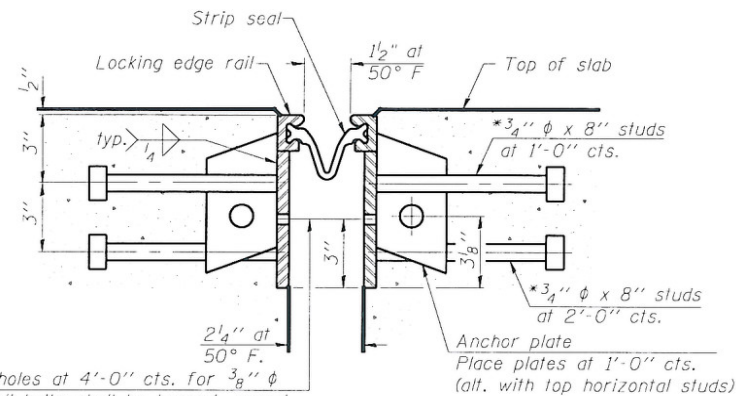
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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



7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

**SECTION THRU
ROLLED RAIL JOINT**



7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

**SECTION THRU
WELDED RAIL JOINT**

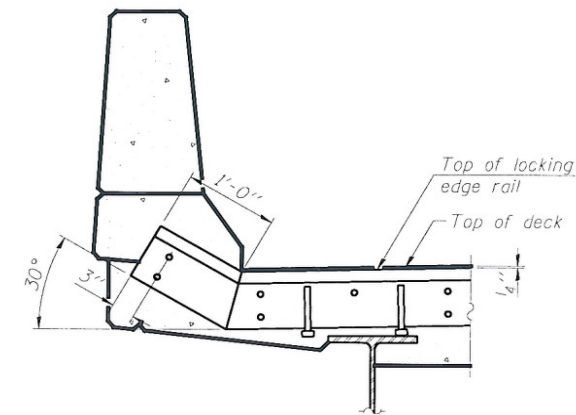
Notes:

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 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.

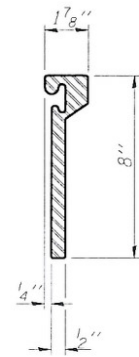
The manufacturer's recommended installation methods shall be followed. The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according 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.

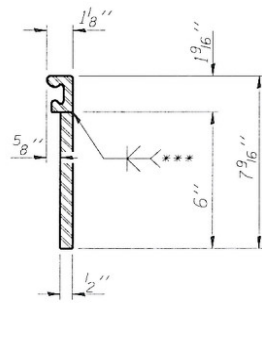


AT PARAPET

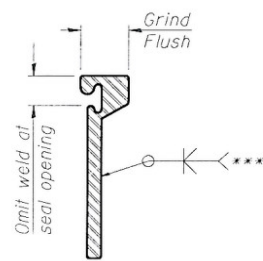
TYPICAL END TREATMENTS



**ROLLED
EXTRUDED RAIL**



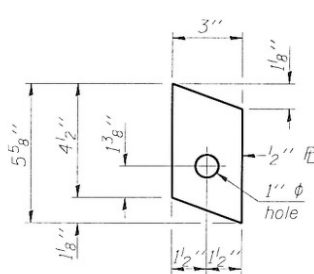
WELDED RAIL



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

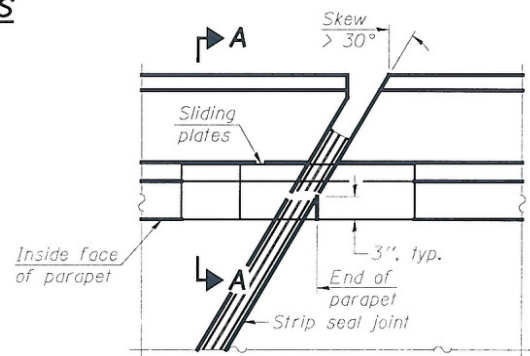
**LOCKING EDGE
RAIL SPLICE**

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

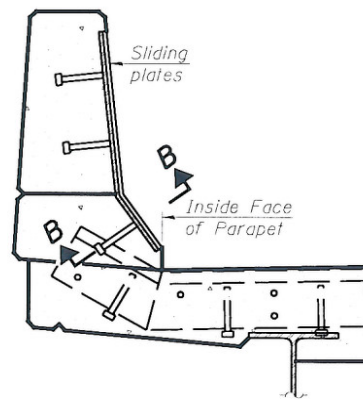


**ANCHOR PLATE
(for welded rail)**

LOCKING EDGE RAILS

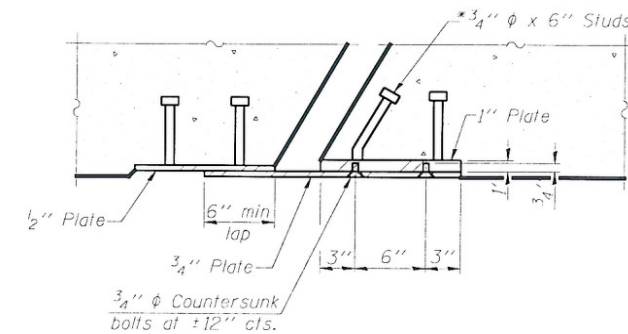


PLAN



SECTION A-A

**POINT BLOCK DETAILS
(For skews > 30°)**



SECTION B-B

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	97

**MODIFIED PREFORMED
JOINT STRIP SEAL
STRUCTURE NO. 010-0283**

DESIGNED	JLG
CHECKED	JSP
DRAWN	UJ
CHECKED	JLG

HR
HURST-ROSCHKE
ENGINEERS, INC.
PROFESSIONAL DESIGN NUMBER 184-000278

SHEET NO. 11 24 SHEETS	F.A.P. RTE. 709	SECTION (105BR)BR	COUNTY CHAMPAIGN	TOTAL SHEETS 55	SHEET NO. 23
	SN 010-0283		CONTRACT NO. 70427		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT					