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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	TION COUNTY		TOTAL SHEETS	SHEET NO.	SHEET NO. 12
F.A.P. 301 (US 20)	(2HB - 1)D	WINNEBAGO		107	77	34 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-			

Contract #64B07

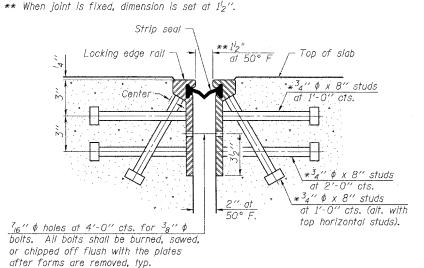
The strip seal shall be made continuous and shall have a minimum thickness of \(\frac{1}{4} \). The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

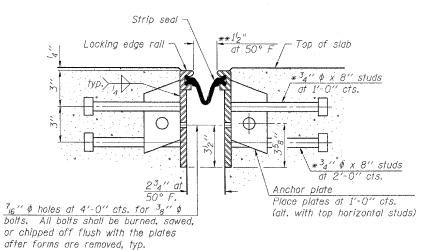
The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinulties

and stage construction joints.

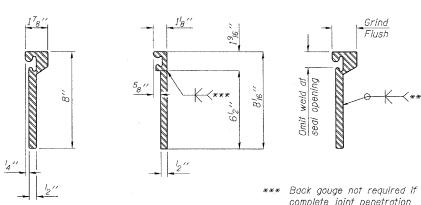
The manufacturer's recommended installation methods shall be followed. The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

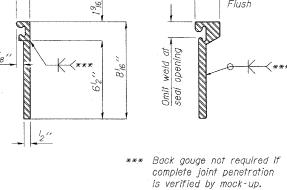
All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

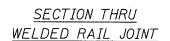


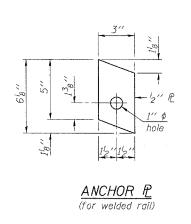


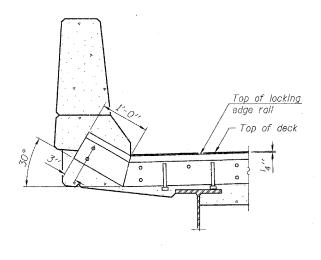
SECTION THRU ROLLED RAIL JOINT











AT PARAPET

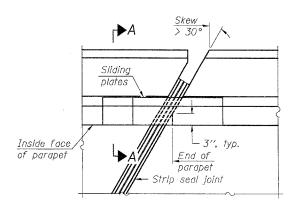
TYPICAL END TREATMENT

ROLLED (EXTRUDED) RAIL WELDED RAIL

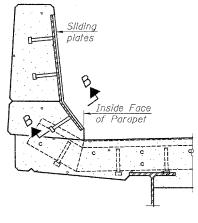
LOCKING EDGE RAIL SPLICE

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

LOCKING EDGE RAILS

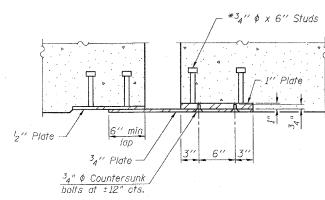


PLAN



SECTION A-A

POINT BLOCK DETAILS (for skews > 30°)



SECTION B-B

PREFORMED JOINT STRIP SEAL F.A.P. ROUTE 301 (US 20) OVER SIMPSON ROAD SECTION (2HB-1)D WINNEBAGO COUNTY STATION 849+27.97 STRUCTURE NO. 101-0053 (W.B.) STRUCTURE NO. 101-0054 (E.B.)

BILL OF MATERIAL

ITEM Preformed Joint Strip Seal UNIT TOTAL

CHECKED JLA DRAWN GYR CHECKED SSM EJ-SSJ

DESIGNED SSM

11-1-06