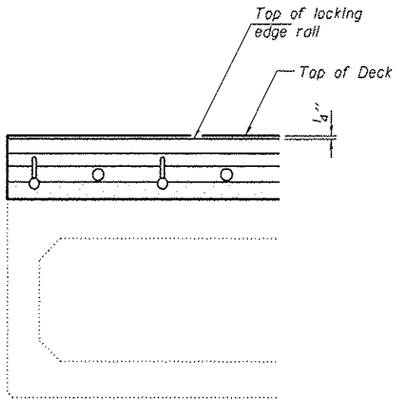
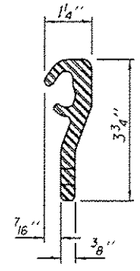
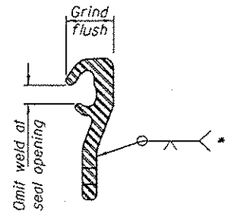


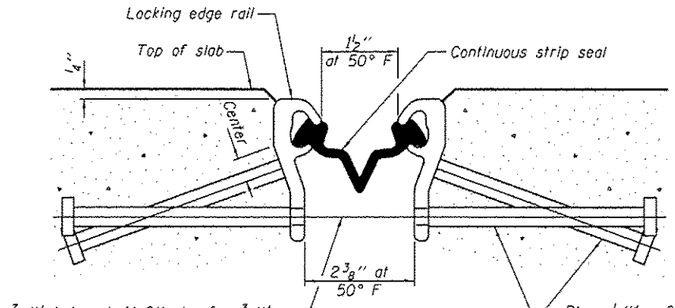


LOCKING EDGE RAIL



LOCKING EDGE RAIL SPLICE

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



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.

Place 1/2"ϕ x 6" granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded at 1'-0" alt. cts.

SECTION THRU STRIP SEAL JOINT FOR OVERLAY OVER DECK BEAMS

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.

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.

The inside of the Locking Edge Rail groove shall be free of weld residue.

Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

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

Maximum space between rail segments at stage lines shall be 3#16", sealed with a suitable sealant.

Parapet plates and anchorage studs for skews > 30° included in the cost of Preformed Joint Strip Seal.

The manufacturer's recommended installation methods shall be followed.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	45

DESIGNED SMR	EXAMINED	Timothy A. Sahlgt	DATE NOVEMBER 12, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PREFORMED JOINT STRIP SEAL SN 081-0117	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED TLC		ACTING ENGINEER OF STRUCTURAL SERVICES				599	02 DECK REPAIR 2014-1	ROCK ISLAND	16	13
DRAWN baliva	PASSED	R Carl Tenney	REVISED					CONTRACT NO. 64J90		
CHECKED SMR TLC		ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED		SHEET NO. 3 OF 5 SHEETS			ILLINOIS FED. AID PROJECT		