



SECTION THRU ROLLED RAIL JOINT

SECTION THRU WELDED RAIL JOINT

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

LOCKING EDGE RAILS

WELDED RAIL

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of l_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 Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. 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.

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. Maximum space between rail segments shall be $\frac{3}{16}$ ", sealed with a suitable sealant. Joints in rails within 10 ft. of curbs shall be welded.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	136

 \mathbf{B} -LAND SURVEYORS-

DESIGNED - GJB REVISED USER NAME = _MML. CHECKED MCB REVISED LOT SCALE = 0:2.000000 ':" / IN. DRAWN CFC REVISED CHECKED REVISED LOT DATE = 10/23/2013 MCB/CMF

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

EXTRUDED RAIL

PREFORMED JOINT STRIP SEAL STRUCTURE NO. 054-0009 SHEET NO. 7 OF 13 SHEETS

residue.

similar.

RAIL SPLICE

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

Rolled rail shown, welded rail

SECTION COUNTY 717 (102B-1, 102CR, 102BR-2)RS-5 LOGAN 218 84 CONTRACT NO. 72B82

Coombe-Bloxdorf P.C. -CIVIL ENGINEERS--STRUCTURAL ENGINEERS-