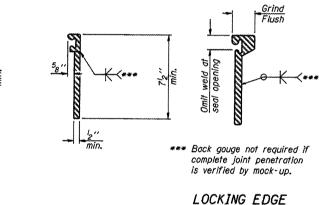


<u>SECTION THRU</u> ROLLED RAIL JOINT

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

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



similar.

WELDED RAIL

<u>ROLLED</u>

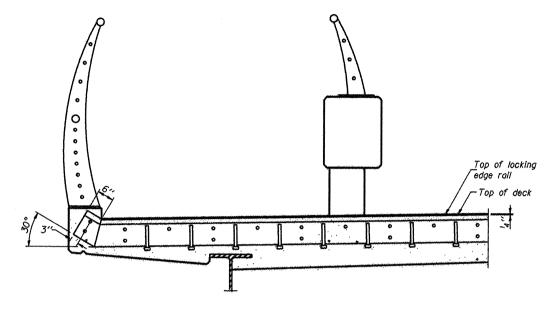
EXTRUDED RAIL

<u>LOCKING EDGE</u> RAIL SPLICE

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

Rolled rail shown, welded rail

LOCKING EDGE RAILS



AT SIDEWALK (SIMILAR AT MULTI-USE PATH)

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

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 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 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.

BILL OF MATERIAL

Unit	Total
Foot	74
	Unit Foot

EJ-SSJ

CRAFT OCCUPANT DAT, NG.
CRAFFORD, MURPHY & TILLY, NG.
CONSULTING ENGINEERS
LICENSE NO. 184-000613

HNTB

7-1-10

 DESIGNED
 PA, JDJ, BPD, CJW
 REVISED

 DRAWN
 GLD
 REVISED

 CHECKED
 RJK
 REVISED

 DATE
 02/04/2011
 REVISED

CITY OF ROCKFORD MORGAN STREET BRIDGE PREFORMED JOINT STRIP SEAL STRUCTURE NO. 101-6108 SHEET NO. 15 OF 79 SHEETS | STA. 47+00.74 TO STA. 52+63.50