

The pay limits for Preformed Joint Strip Seal shall be to the end of the steel plate. The 6" of rubber extending past the end of steel shall be considered incidental and shall not be measured for payment.

BILL OF MATERIAL

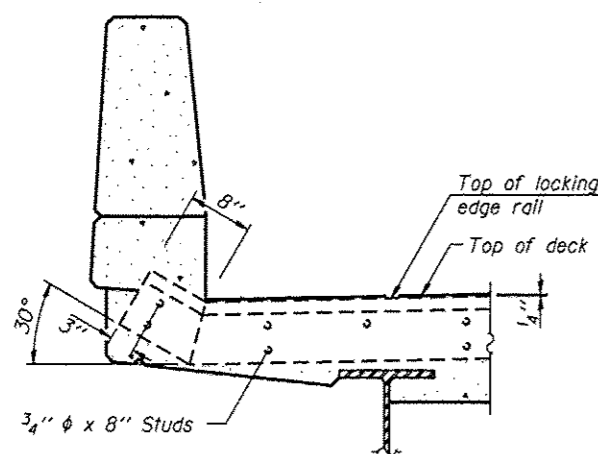
Item	Unit	Total
Preformed Joint Strip Seal	Foot	144

TABLE "A"
(All dimensions @ 50° F)

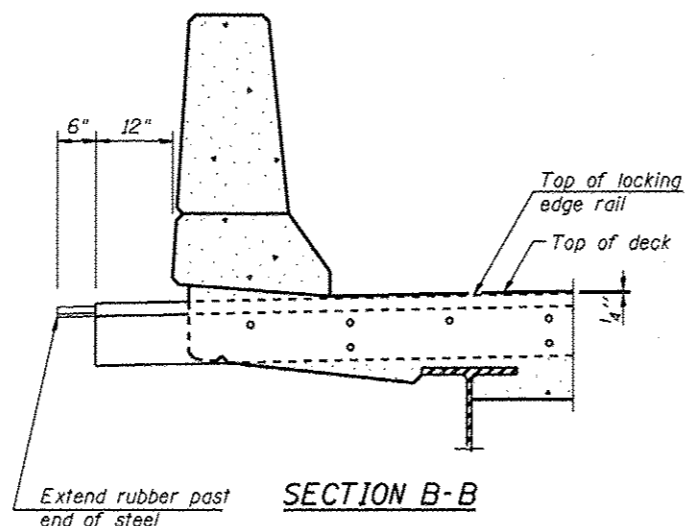
Joint	A	B	C
N. Abut.	1-1/2"	2"	2-3/4"
Pier 2	1-1/2"	2"	2-3/4"
Pier 5	2"	2-1/2"	3-1/4"
S. Abut.	1-1/2"	2"	2-3/4"

PLAN THROUGH PARAPET
(North & South Abutments)

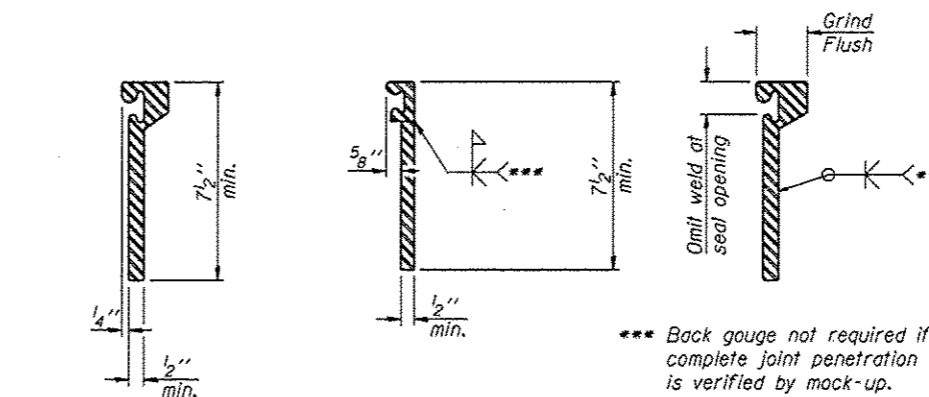
PLAN THROUGH PARAPET
(Piers 2 & 5)



SECTION A-A



SECTION B-B

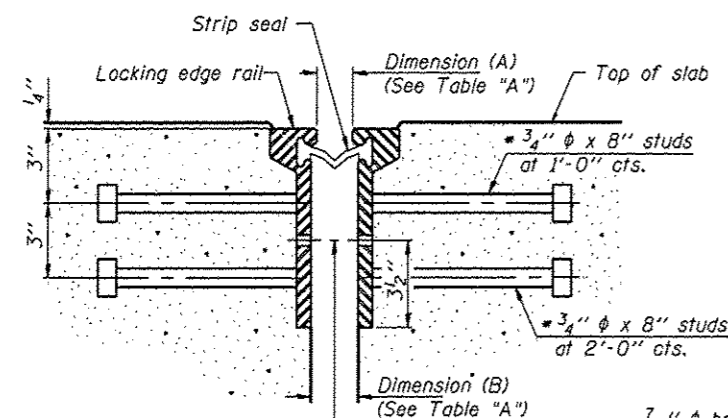


LOCKING EDGE RAILS

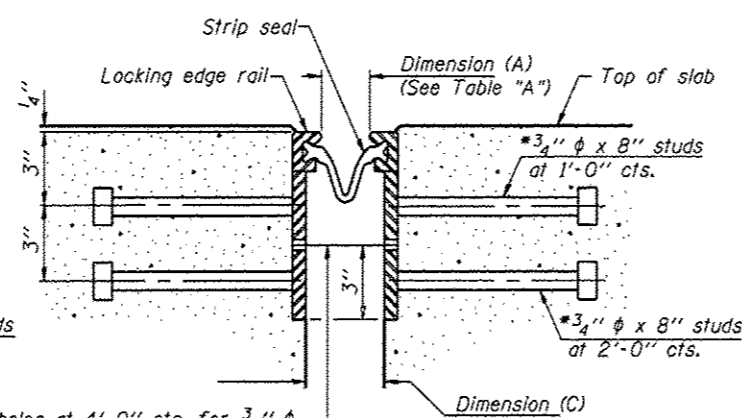
*** Back gauge not required if complete joint penetration is verified by mock-up.

LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue.
Rolled rail shown, welded rail similar.



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.

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 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 3/16", sealed with a suitable sealant. Joints in rails within 10 ft. of curbs shall be welded.
Parapet plates and anchorage studs for skews > 30° included in the cost of Preformed Joint Strip Seal.

STRIP SEAL JOINT DETAILS
FAP 320 (IL 121)
SECTION (117) I-2
LOGAN COUNTY