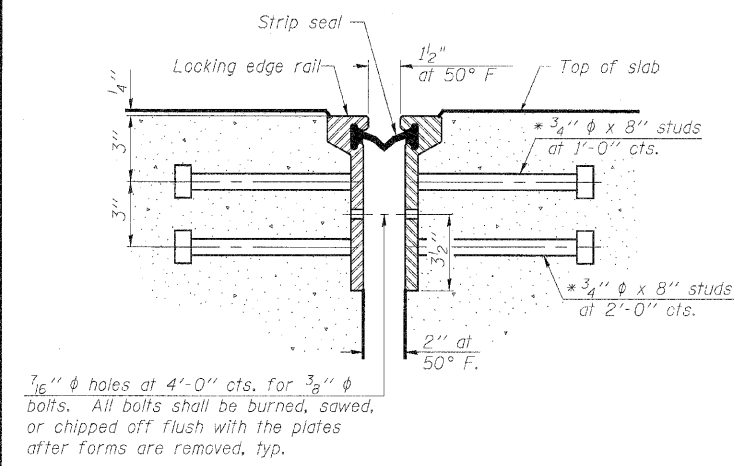
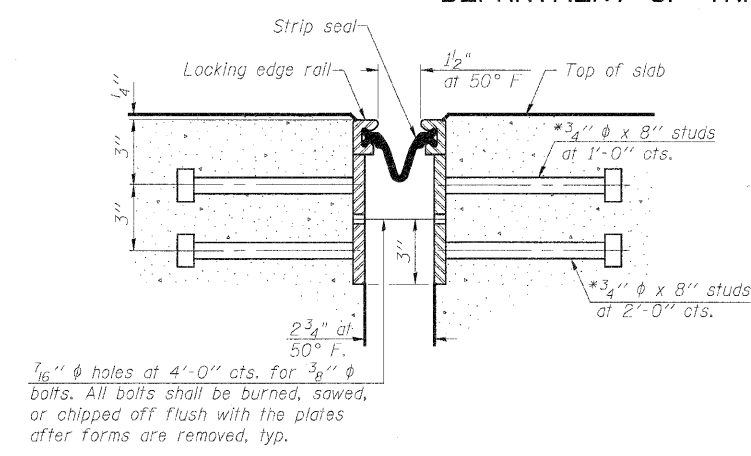


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

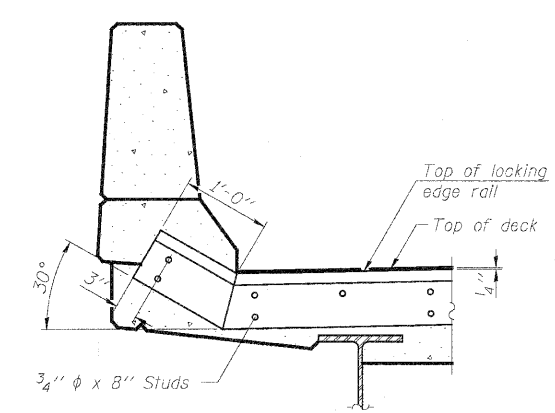
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



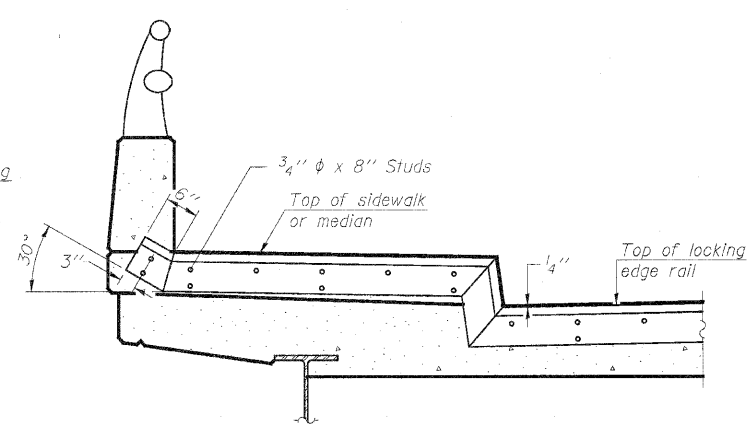
SECTION THRU
ROLLED RAIL JOINT



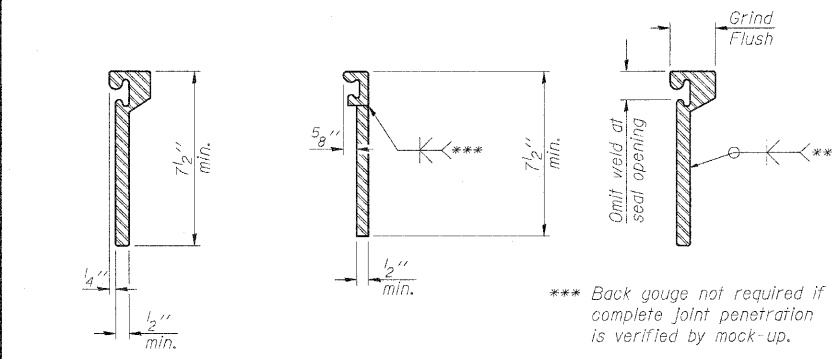
SECTION THRU
WELDED RAIL JOINT



AT PARAPET
See Section A-A for end
treatment of skews > 30°.



AT SIDEWALK OR MEDIAN
Shorter plates with a single row of studs
at 12 inch cts. may be necessary on medians
which are shallower than 9 inch. See
manufacturer's recommendation.

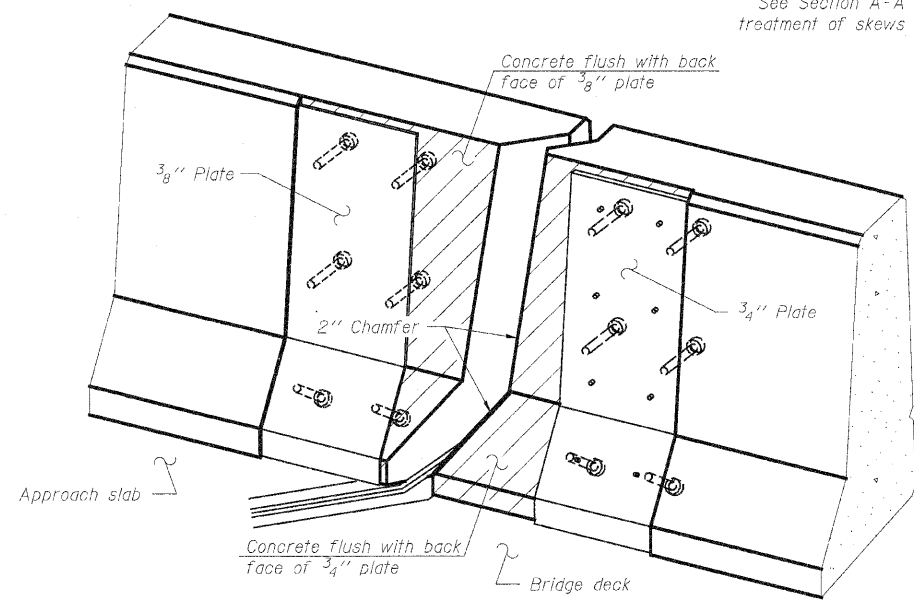


ROLLLED
EXTRUDED RAIL

WELDED RAIL

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

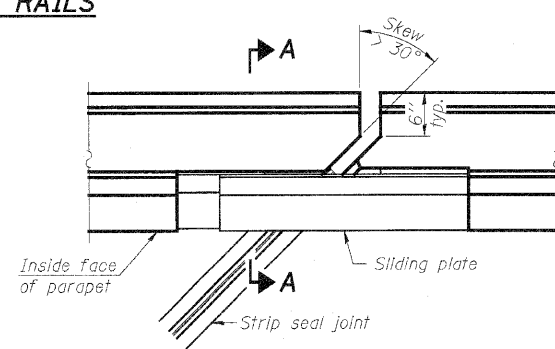
LOCKING EDGE
RAIL SPLICE
The inside of the locking edge
rail groove shall be free of weld
residue.
Rolled rail shown, welded rail
similar.



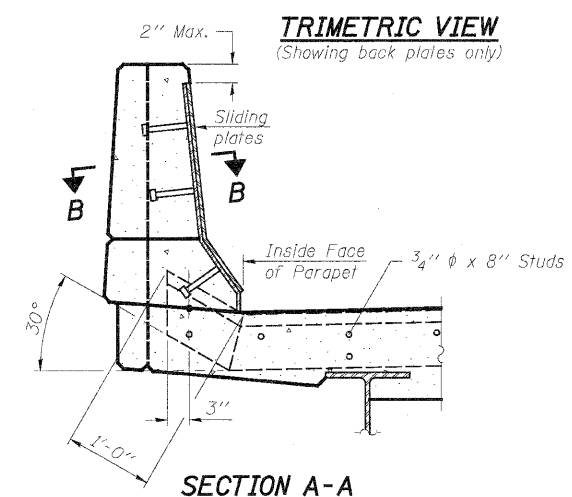
TYPICAL END TREATMENTS

Notes:
The strip seal shall be made continuous and shall have a minimum thickness
of 1/4 inch. 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 inch, sealed
with a suitable sealant.

LOCKING EDGE RAILS

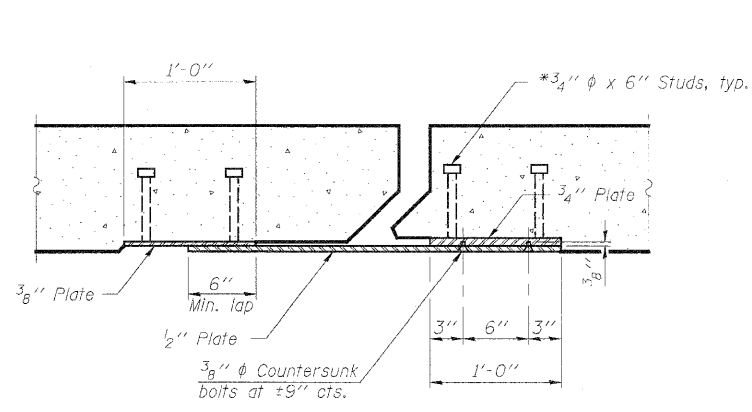


PLAN



SECTION A-A

POINT BLOCK DETAILS
(for skews > 30°)



SECTION B-B

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	188

PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 081-0024 (W.B.)
STRUCTURE NO. 081-0025 (E.B.)

DESIGNED	SPK
CHECKED	
DRAWN	ASJ
CHECKED	SPK

EJ-SSJ 11-1-09

INFRASTRUCTURE
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SHEET NO. 29	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
77 SHEETS	280	81-1(VB-1)R	ROCK ISLAND	503	365
CONTRACT NO. 64815					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					