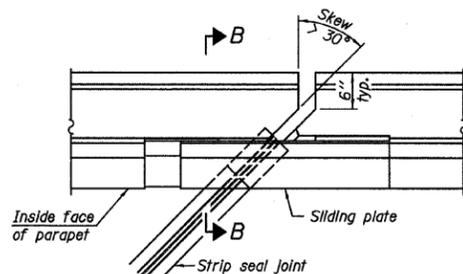
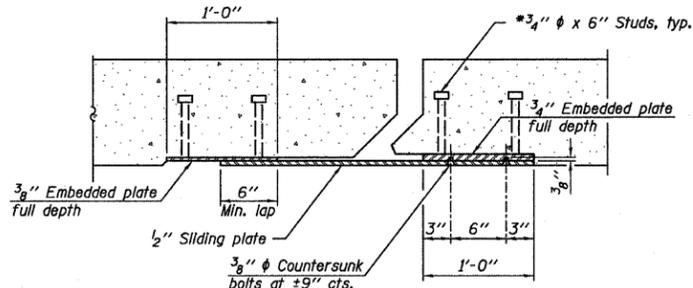


Modify end treatment of locking edge rails to match existing conditions

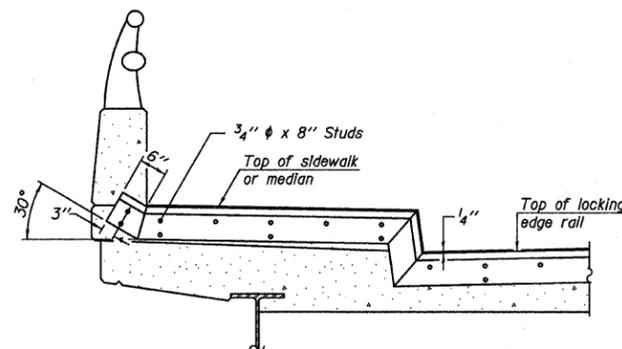
**PLAN**  
(For skews  $\leq 30^\circ$ )



**PLAN**  
(For skews  $> 30^\circ$ )  
Showing point block

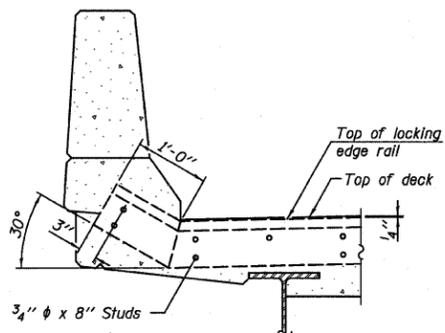


**SECTION C-C**



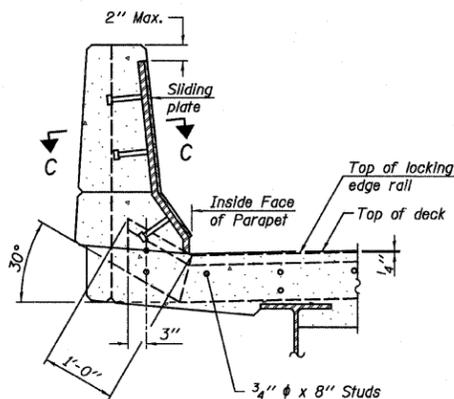
**TYPICAL END TREATMENT AT SIDEWALK OR MEDIAN**

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.

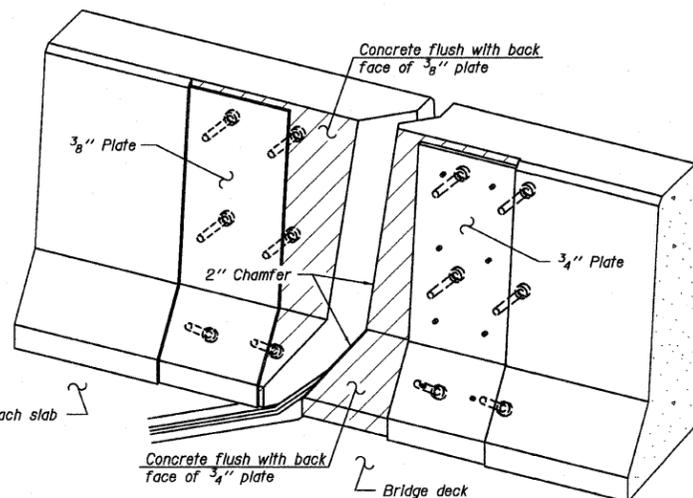


Modify end treatment of locking edge rails to match existing conditions

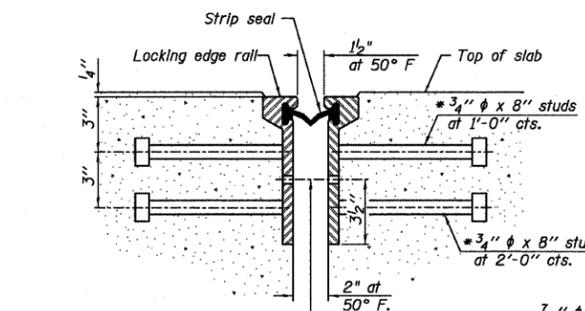
**SECTION A-A**



**SECTION B-B**

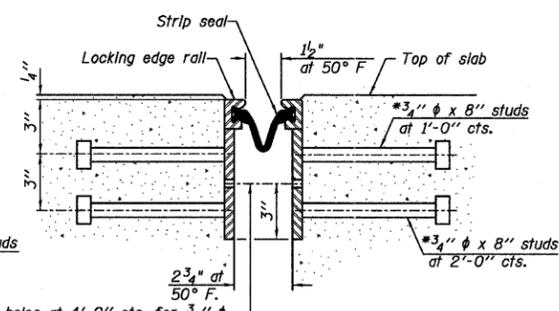


**TRIMETRIC VIEW**  
(Showing back plates only)



7/16"  $\phi$  holes at 4'-0" cts. for 3/8"  $\phi$  bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

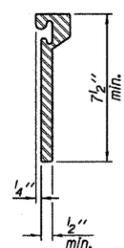
**SECTION THRU ROLLED RAIL JOINT**



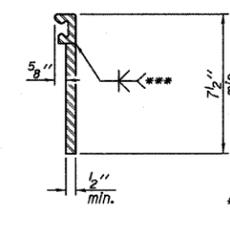
7/16"  $\phi$  holes at 4'-0" cts. for 3/8"  $\phi$  bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

**SECTION THRU WELDED RAIL JOINT**

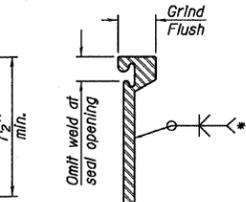
\* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



**ROLLED EXTRUDED RAIL**



**WELDED RAIL**



\*\*\* 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.

**LOCKING EDGE RAILS**

**BILL OF MATERIAL**

ITEM	UNIT	082-0167	082-0168	TOTAL
Preformed Joint Strip Seal	Foot	169	154	323

EJ-SSJ

7-1-10

**Farnsworth GROUP, INC.**  
2709 McGraw Drive  
Bloomington, Illinois 61704  
309/663-8436, 309/663-1571 fax

DESIGNED - JCZ  
CHECKED - JML  
DRAWN - DJM/JWK  
DATE - 12/05/11  
CHECKED - MSW

REVISED  
REVISED  
REVISED  
REVISED

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**PREFORMED JOINT STRIP SEAL STRUCTURE NO. 082-0167 (E.B.) STRUCTURE NO. 082-0168 (W.B.)**

SHEET NO. A11 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	111
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76415	