STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Top of slab—

*3₄′′ ¢ x 8′′ studs

at 2'-0" cts.

Anchor plate

Place plates at 1'-0'' cts.

at 50° F

SHEET NO. 14 ROUTE NO. TOTAL SHEET NO. F.A.I. 80 63 $29~{\rm sheets}$ BUREAU 116 FED. ROAD DIST. NO. 7

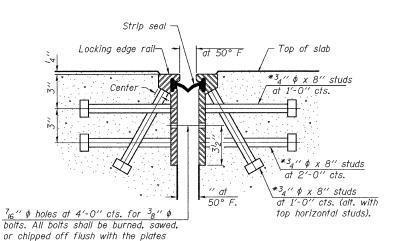
Contract #66623 * (06-1, 2)RS-3, I

The strip seal shall be made continuous and shall have a minimum thickness of $\frac{1}{4}$ ". 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 height and thickness of the Locking Edge Rails shown are minimum dimensions. 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 and stage construction joints.

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.

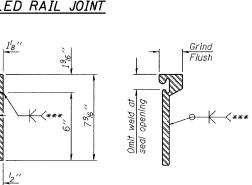


*Granular or solid flux filled headed studs

after forms are removed, typ.

conforming to Article 1006.32 of the Std. Specs., automatically end welded.

SECTION THRU ROLLED RAIL JOINT



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

SECTION THRU WELDED RAIL JOINT

Strip seal-

50° F

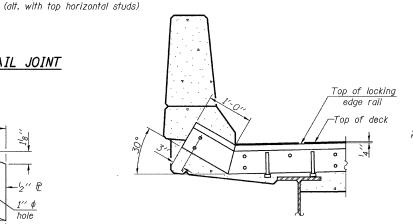
 $\frac{7_{16}{''}}{\phi}$ holes at 4'-0'' cts. for $\frac{3}{8}{''}$ ϕ bolts. All bolts shall be burned, sawed,

or chipped off flush with the plates

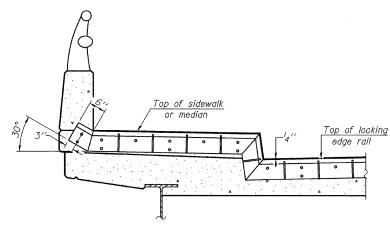
after forms are removed, typ.

Locking edge rail-

ANCHOR P



AT PARAPET



AT SIDEWALK OR MEDIAN

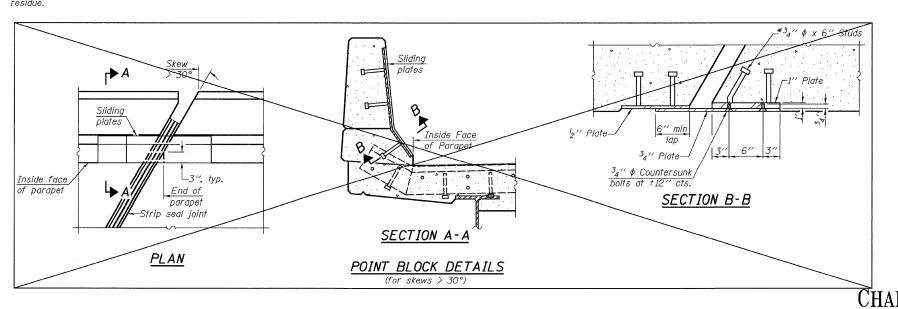
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.

TYPICAL END TREATMENTS

LOCKING EDGE RAIL SPLICE

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

LOCKING EDGE RAILS



BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	185

PREFORMED JOINT STRIP SEAL F.A.I. 80 (I-80) OVER COAL CREEK SECTION (06-1, 2)RS-3, I BUREAU COUNTY SN 006-0007 (EB) SN 006-0008 (WB)

STA. 202+80

MORRIS

CHECKED JKC EJ-SSJ

DESIGNED --

CHECKED --

DRAWN NOE

5-16-08