Strip seal-Locking edge rail-— Top of slab at 50° F typ.> at 1'-0" cts. 0 *³4'' \phi x 8'' studs at 2'-0" cts. Place plates at 1'-0" cts. 7_{16} " ϕ holes at 4'-0" cts. for $\frac{3}{8}$ " ϕ (alt. with top horizontal studs) bolts. All bolts shall be burned, sawed, or chipped off flush with the plates

SECTION THRU ROLLED RAIL JOINT

bolts. All bolts shall be burned, sawed,

or chipped off flush with the plates

ifter forms are removed, typ.

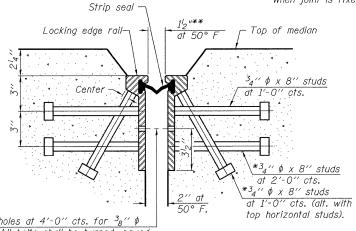
*Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

**When joint is fixed, dimension is set at $1_2^{\prime\prime}$.

after forms are removed, typ.

SECTION THRU WELDED RAIL JOINT

Strip seal

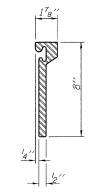


 $^{7}_{16}$ " ϕ holes at 4'-0" cts. for $^{3}_{8}$ " ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates

at 50° I Locking edge rail-Top of slab typ.> at 1'-0'' cts. *34" \$ x 8" studs at 2'-0" cts. Place plates at 1'-0" cts. $^{7}_{16}$ " ϕ holes at 4'-0" cts. for $^{3}_{8}$ " ϕ (alt. with top horizontal studs) bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

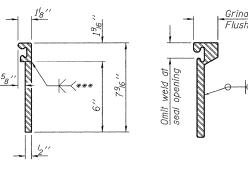
after forms are removed, typ. SECTION THRU ROLLED RAIL JOINT AT MEDIAN

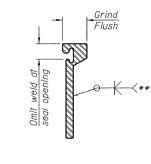
SECTION THRU WELDED RAIL JOINT AT MEDIAN



ROLLED

(EXTRUDED) RAIL



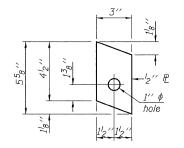


is verified by mock-up.

***Back gouge not required if complete joint penetration

LOCKING EDGE RAIL SPLICE

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



ANCHOR P (for welded rail)

LOCKING EDGE RAILS

WELDED RAIL

BILL OF MATERIAL

	Item				Unit	Total
	Preformed	Joint	Strip	Seal	Foot	200

SHEET NO. SHEET NO. 8ROUTE NO. COUNTY SHEETS 3128-Z-B-1 14 SHEETS FAP 348 35 23 Cook FED. ROAD DIST. NO. 7

Contract #60D70

Notes:

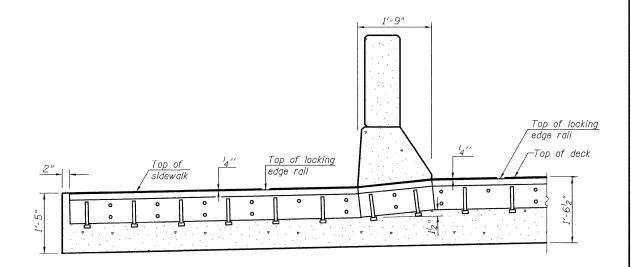
The strip seal shall be made continuous and shall have a minimum thickness of $\frac{1}{4}$ ". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not

permitted. The gland shall be sized for a maximum rated movement of 4 inches.

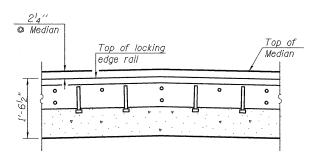
The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities and 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.



SECTION THRU SIDEWALK AND PARAPET



SECTION THRU MEDIAN

rjngroup

xcellence through Ownershi

200 West Front Street

Wheaton, IL 60187

ILLINOIS DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL IL 43 OVER STONY CREEK FAP RTE 348 SECTION 3128-Z-B-1 COOK COUNTY STATION 179+01.40 STRUCTURE NO. 016-0322

DATE: 1-30-2009

DRAWN BY WJV CHECKED BY BLB