

Locking Edge Rail -

Top of slab

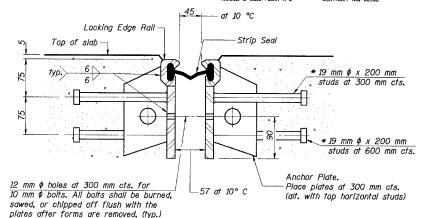
12 mm  $\phi$  holes at 300 mm cts. for 10 mm  $\phi$  bolts. All bolts shall be burned, sowed, or chipped off flush with the plates

after forms are removed. (typ.)

--- at 10 °C

-Strip Seal

• (0203,1 & 0312-708#) R-3 CONTRACT NO.



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

\* 19 mm \$\phi\$ x 200 mm studs

horizontal studs.)

at 300 mm cts. (alt. with top

\* 19 mm \$\phi\$ x 200 mm

studs at 300 mm cts.

studs at 600 mm cts.

## SECTION THRU ROLLED RAIL EXP. JOINT

—57 at 10° C

(488 Studs Required)

# SECTION THRU WELDED RAIL EXP. JOINT

(292 Studs Required) (196 Anchor Plates Required)

## GENERAL NOTES

The strip seal shall be made continuous and shall have a minimum thickness of 6 mm. The configuration of the strip seal shall match the configuration of the Locking Edge Ralis.

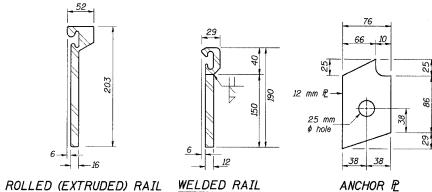
The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed.

Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

The manufacturer's recommended installation methods shall be followed.

All dimensions are in millimeters (mm) except as noted.

Required Strip Seal rated movement: 50 mm



LED (EXTRODED) RATE "LEDED TRATE

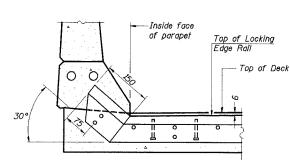
# Grind Flush LOCKING EDGE RAILS

omit weld at

seal opening \*\*

LOCKING EDGE RAIL SPLICE

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



(for welded rall)

AT PARAPET

TYPICAL END TREATMENTS

### BILL OF MATERIAL

| Item                                | Unit  | Total |
|-------------------------------------|-------|-------|
| Strip Seal Expansion Joint Assembly | meter | 29.4  |

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

# STRIP SEAL EXPANSION JOINT ASSEMBLY

SB ILLINOIS ROUTE 394 OVER INTERSTATE 80 F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3 COOK COUNTY STA. 440+193.335 STRUCTURE NO. 016-2796

DATE 07/18/05 SCALE ---

HNTB

| ,           | DESIGNED | ME. |
|-------------|----------|-----|
| 10100       | CHECKED  | PY  |
| 2002        | DRAWN    | LK  |
| 20-20L-2003 | CHECKED  | PY  |
| g           |          |     |

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