*70HB-F & 70D-Y-B-F CONTRACT NO. 60B70

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 Rails.

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.

A=50 at 10 °C (Exp. Joint) A=50 (Fixed Joint) Locking Edge Rail -Top of slab -* 19 mm \$ x 200 mm studs at 300 mm cts. studs at 600 mm cts. * 19 mm Ø x 200 mm studs 12 mm \$\phi\$ holes at 300 mm cts. for 10 mm at 300 mm cts. (alt. with top horizontal studs.) \$\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

(444-Studs Required Exp. Joint 444-Studs Required Fixed Joint) * Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

SECTION THRU WELDED RAIL JOINT

(334-Studs Required - Exp Jt. 334-Studs Required - Fixed Jt.)

(222-Anchor Plates Required - Exp. Jt. 222-Anchor Plates Required - Fixed Jt.)

A=50 at 10 °C (Exp. Joint)

* 19 mm \$ x 200 mm studs at 300 mm cts.

* 19 mm 0 x 200 mm

Anchor Plate.

-Place plates at 300 mm cts.

(alt. with top horizontal studs)

studs at 600 mm cts.

A=50 (Fixed Joint)

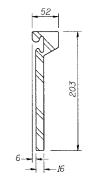
Locking Edge Rail -

Top of slab -

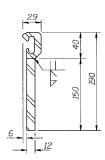
12 mm \$\phi\$ holes at 300 mm cts. for 10 mm \$\phi\$ bolts. All bolts shall be burned,

sawed, or chipped off flush with the

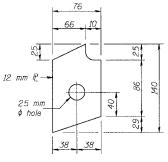
plates after forms are removed. (typ.)



ROLLED (EXTRUDED) RAIL



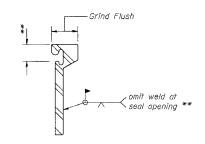
WELDED RAIL



ANCHOR P (for welded rail)

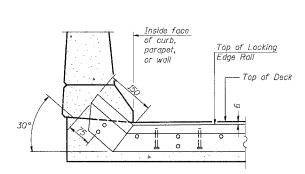
STRIP SEAL JOINT IS NOT PART OF THIS CONTRACT

LOCKING EDGE RAILS



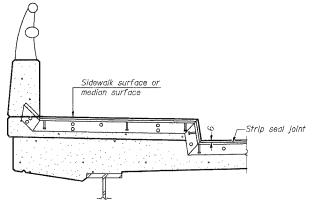
LOCKING EDGE RAIL SPLICE

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



AT CURB, PARAPET, OR WALL

TYPICAL END TREATMENTS



AT SIDEWALK OR MEDIAN*

* Shorter plates with a single row of stude at 300 mm centers may be necessary on medians which are shallower than 225 mm. See manufacturer's recommendation.

Strip seal joint	
*	

SHT. S-18 OF S-24

REVISIONS AME DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
AME DATE	IL ROUTE 68 OVER US-14 & UPRR
	F.A.P. ROUTE 343 SECTION 70HB-F & 70D-Y-B-F
	COOK COUNTY STRUCTURE NO. 016-2861 & 016-2732
	3 ROCTORE NO. 016-2661 & 016-2732
·	STRIP SEAL JOINT - SN 016-2732
	1

DESIGNED: BTO DRAWN: BTO CHECKED: JAN CHECKED: JAN