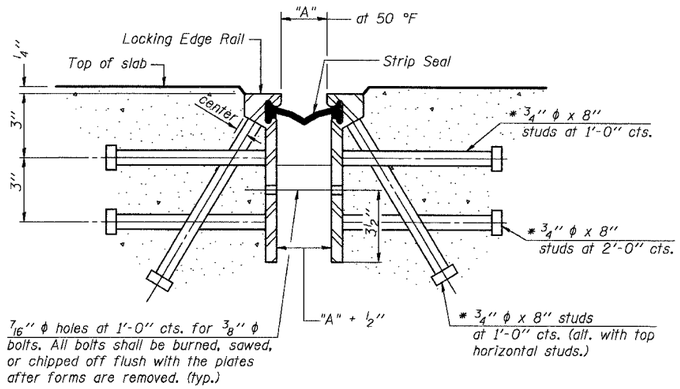
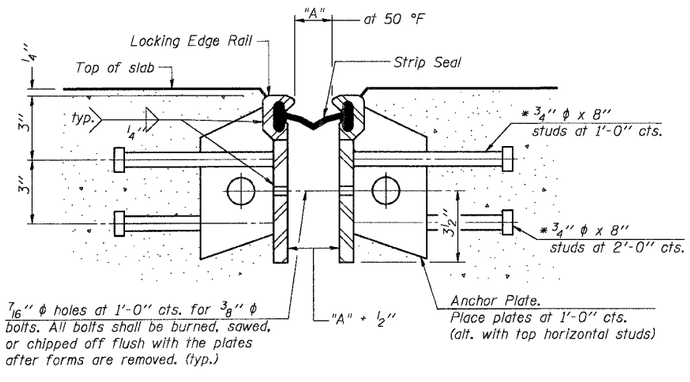
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1517	03-00247-00-BR	KANE	121	98
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

CONTRACT #83867

SHEET NO. SE-15
SE-27 SHEETS



Required Strip Seal rated movement	"A"
1"	1 1/8"



GENERAL NOTES

The strip seal shall be made continuous and shall have a minimum thickness of 1/4". 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.

SECTION THRU ROLLED RAIL EXP. JOINT

(209 Studs Required)

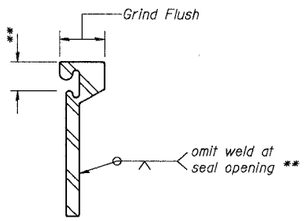
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

SECTION THRU WELDED RAIL EXP. JOINT

(169 Studs Required)
(40 Anchor Plates Required)

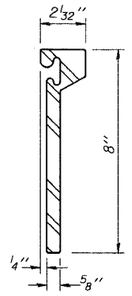
BILL OF MATERIAL

Item	Unit	Total
Bridge Joint System Expansion, 1"	Foot	152.7

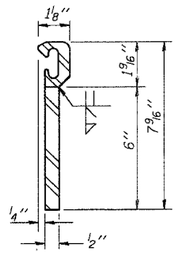


LOCKING EDGE RAIL SPLICE

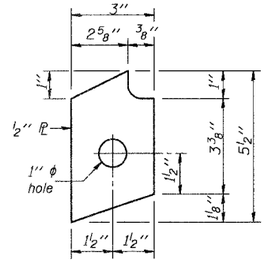
The inside of the locking edge rail groove shall be free of weld residue.



ROLLED (EXTRUDED) RAIL

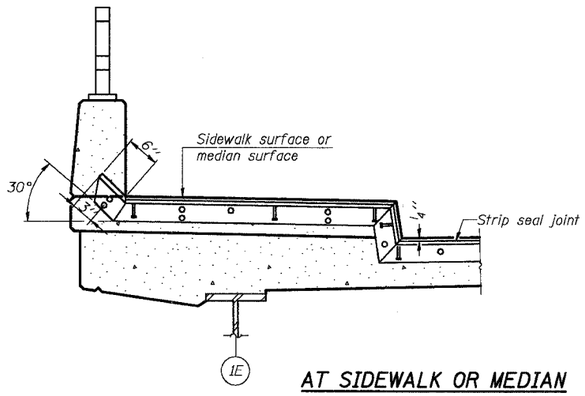


WELDED RAIL

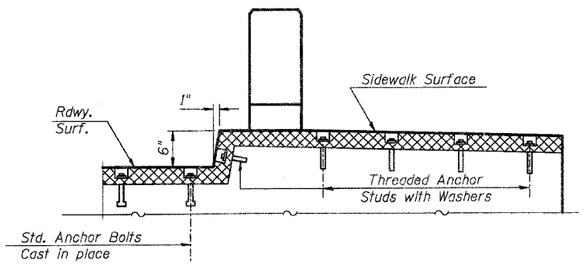


ANCHOR PL
(for welded rail)

LOCKING EDGE RAILS



AT SIDEWALK OR MEDIAN



AT SHARED USE PATH
TYPICAL END TREATMENTS

DESIGNED	AEU
CHECKED	RGD
DRAWN	WJH
CHECKED	NRF

TYPICAL END TREATMENTS

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

SMITH ENGINEERING CONSULTANTS, INC.
CIVIL/STRUCTURAL ENGINEERS
2100 MANCHESTER
WHEATON, ILLINOIS 60187
PHONE 630.653.8990 FAX 630.653.8989

REVISIONS	
NAME	DATE

CITY OF AURORA

STRIP SEAL EXPANSION JOINTS
ILLINOIS AVENUE
OVER THE FOX RIVER
SECTION NO. 03-00247-00-BR
KANE COUNTY
STRUCTURE NO. 045-6008

DATE 7-28-2006

COMPANY NAME, ETC. ETC.
PROJECT CONTACT: *PROJECT CONTACT*
PHONE NUMBER (000) 000-0000
6/7/2006 3:53:58 PM
K:\2006\06117\000\100\Bridge Sheets 2.1.dwg w:\depot\dty of aurora\roads\structure sheet templates\100dot SEE-STAGE1