

CHRISTIAN-ROGE & ASSOCIATES, INC.	USER NAME = IDOT	DESIGNED -	J.C.N./B.N.S.	REVISED -		PREFORMED JOINT STRIP SEAL	F.A.I. RTE,	SECTION	COUNTY TOTAL SHEET SHEETS NO.
	:	CHECKED -	B.N.S./J.C.N.	REVISED -	STATE OF ILLINOIS	STRUCTURE NO. 016–0713	94	0304, 1 HB-I-2	COOK 44 31
	PLOT SCALE = 49.999960 '/ IN.	DRAWN -	F.M.	REVISED -	DEPARTMENT OF TRANSPORTATION	31100101E NO. 010-0713			CONTRACT NO. 60P72
	PLOT DATE = 5/14/2012	DATE -	JANUARY 6, 2012	REVISED -		SHEET NO. S20 OF S21 SHEETS		ILLINOIS FED.	AID PROJECT

A	
S	
	Top of locking edge rail



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.

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of ${}^{\prime}_4{}^{\prime\prime}$. 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 Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. 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.

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. Maximum space between rail segments at stage lines

shall be ${}^{3}_{16}$ ", sealed with a suitable sealant. Parapet plates and anchorage studs for skews > 30° included in the cost of Preformed Joint Strip Seal.

BILL OF MATERIAL

Item	Unit	Total	
Preformed Joint Strip Seal	Foot	233	