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*** Back gouge not required if complete joint penetration is verified by mock-up.

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. 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 $> 30^\circ$ included in the cost of Preformed Joint Strip Seal.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	156

EXPANSION JOINT DETAILS

FAS 2370 (IL 26) SECTION (78-1HB-1)
PUTNAM COUNTY
STA. 40+00.00
S.N. 078-0010

EJ-SSJ 7-1-10

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXPANSION JOINT DETAILS

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RLW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXPANSION JOINT DETAILS	F.A.S. RTE. 2370	SECTION (78-1HB-1)	COUNTY PUTNAM	TOTAL SHEETS 18	SHEET NO. 14	
ct:\pwwork\pws\d01\woodshankr1\d0143164\MAIN1-0368A27-details.dgn	PLOT SCALE = 1/8"=1'-0"	DRAWN - RLW	REVISED -			SCALE: _____	SHEET NO. 8 OF 12 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 66A27		ILLINOIS FED. AID PROJECT
PLOT DATE = Dec 15, 2010 11:09:48 AM	DATE -	CHECKED -	REVISED -								