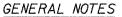
TOTAL SHEET NO. ROUTE NO. SEC FAU * LASALLE FED. ROAD DEST. NO. 3 ILLEMOSS PROJECT

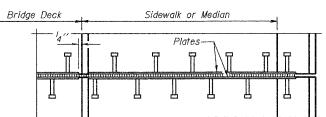
* 01-00590-00-BR (County)

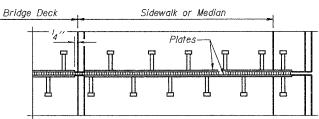
CONTRACT NO. 87293

SHEET NO. 26

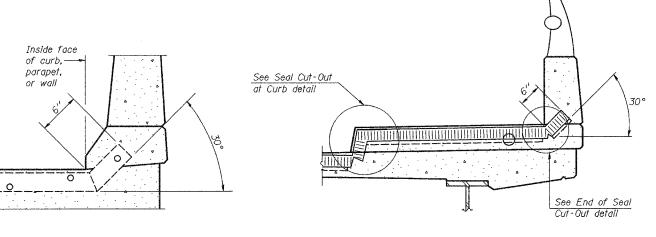


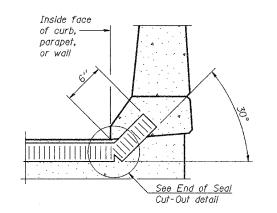
Furnish steel plates in segments of 20 feet maximum length. Maximum space between installed segments shall be $\frac{3}{16}$ ". Seal space with silicone sealant suitable for structural steel.





PLAN AT SIDEWALK OR MEDIAN





Bridge Joint System (Expansion)

Design

Movement

158"

Required

Preformed

Joint Seal

Size

22"

Required

Strip Seal

Rated

movement

2"

AT CURB, PARAPET, OR WALL (Showing seal)

AT CURB, PARAPET, OR WALL (Showing plate)

TYPICAL END TREATMENTS

AT SIDEWALK OR MEDIAN*

(Showing plate and seal)

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

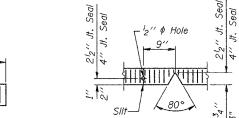
BILL OF MATERIAL

(Sheet 1 of 2) BRIDGE JOINT SYSTEM - EXPANSION (PREFORMED JOINT SEAL) FAU ROUTE 6145 OVER BNSF RAILROAD SECTION 01-00590-00-BR (COUNTY)

LASALLE COUNTY

STATION 21+75.75 STR. NO. 050-8023

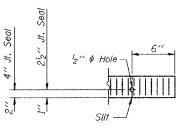
Item	Unit	Total
Bridge Joint System (Expansion), 1 ⁵ 8"	FOOT	39



SEAL	CUT-OUT	AT	CURB

Bridge Deck	1'-	7'' parapet	
	5"	1'-2''	
	-		
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I I	I		
PLAN AT PARAPET			

PLAN AT PARAPET



END OF SEAL CUT-OUT

JOH DESIGNED BRT CHECKED

Preformed Jt. Seal

*Cut retainer bars in sidewalk or median 6" short of the sidewalk or median face.

(25")

DRAWN JOH CHECKED

9-01-03

 1^{3}_{4} " at 50°F at rt. L's (2^{1}_{2} " Joint seal) $2^{3}4''$ at 50°F at rt, L's (4'' Joint seal)

 $^{7}_{16}$ " ϕ holes at 1'-0" cts. for $^{3}_{8}$ " ϕ bolts. All bolts shall be

burned, sawed or chipped off flush with the plates after forms are removed.

 3_4 " ϕ x 8" granular or solid flux

filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded at 1'-0'' alt. cts. (164 Required)

Fabricate to crown

SECTION THRU EXPANSION JOINT

 $(2\frac{1}{2}''$ and 4'' joint seals)

PREFORMED JOINT SEAL

EJ-BJS

HUTCHISON ENGINEERING, INC. JACKSONVILLE & JOLIET, ILLINOIS Date: 3 /10 /2006