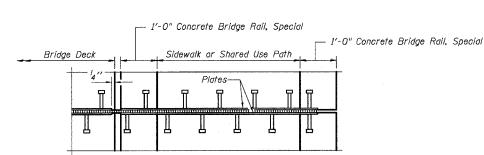
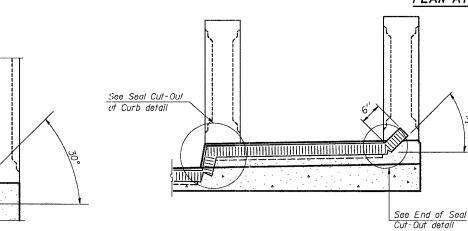
SHEET NO. S-5S-16 SHEETS



Furnish steel plates in segments of 20 feet maximum length. Maximum space between installed segments shall be 3₁₆". Seal space with silicone sealant suitable for structural steel.



PLAN AT SIDEWALK OR SHARED USE PATH



of Concrete -Bridge Rail Special

Inside face

PREFORMED JOINT SEAL

 -1^3 4" at 50°F at rt. L's

P 34" x 434"

Preformed Jt. Seal

4" x 2" bars*

3₁₆ 1½" at 6" cts. (2¼" from top of plate)

Fabricate to crown

 $^{7}_{l6}$ " 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.

 $\frac{3}{4}$ " ϕ x 8" granular or solid flux filled headed studs conforming

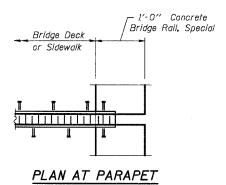
to Article 1006.32 of the Std.

Specs., automatically end welded at 1'-0" cts. (192 Required)

Cost included with

Preformed Joint Seal 21/2"

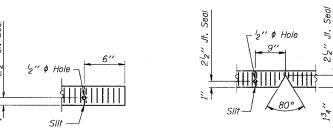
*Cut retainer bars in sidewalk or shared use path Cost Included with Preformed Joint Seal 212" 6" short of the sidewalk or shared use path face. SECTION THRU EXPANSION JOINT



AT CURB, PARAPET, OR WALL (Showing plate)

AT SIDEWALK OR SHARED USE PATH (Showing plate and seal)

TYPICAL END TREATMENTS



Bridge Joint System (Expansion)

Design

Movement

Required

Preformed

Joint Seal

Size

Required

Strip Seal

Rated

movement

1''

END OF SEAL CUT-OUT

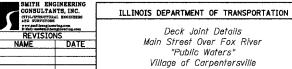
SEAL CUT-OUT AT CURB

DESIGNED	KMA
CHECKED	RGD
DRAWN	WJH
CHECKED	NRF

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Seal 2 ¹ 2"	Foot	96

BRIDGE JOINT SYSTEM - EXPANSION (PREFORMED JOINT SEAL)



Village of Carpentersville Section 02-00059-00-BR SN. 045-6150 Kane County