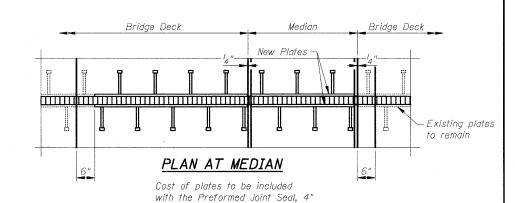
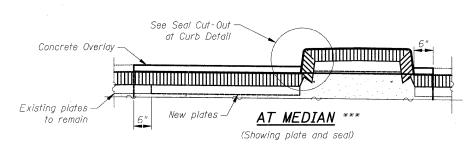
Contract # 63505

NOTES

- 1. All structural steel shall shall be shop painted with inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Performed Joint Seal, 4".
- 2. Maximum space between installed segments of steel plates and existing steel plates shall be 3 ₁₆". Seal space with silicone suitable for structural steel.





*** 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

| Item | Unit | Total |
|-----------------------------|------|-------|
| Preformed Joint Seal, 4" | Foot | 79 |

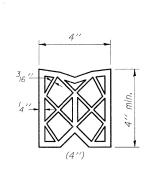
S5 OF S5

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EXPANSION JOINT DETAILS
F.A.U. 1339 BIESTERFIELD ROAD OVER I-290
SECTION 09-00054-00-CH
COOK COUNTY

STATION 22+28.14, STRUCTURE NO. 016-0960 Scale: None By: M. Lange

Scale: None By: M. Lange
Date: July 7, 2010 Checked By: G. Hatlestad



PREFORMED JOINT SEAL

SECTION THRU EXPANSION JOINT

2³₄" at 50°F at Rt. L's

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.

welded at 1'-0" alt. cts. (9 Required each side)

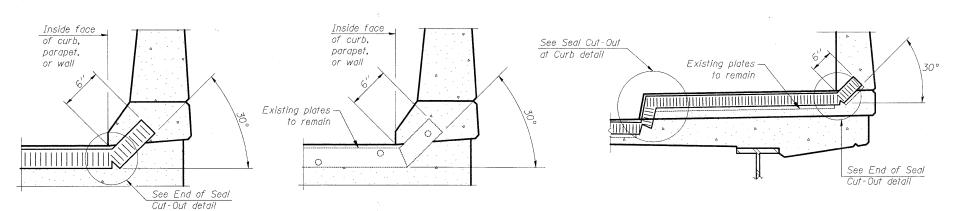
 $^{3}_{4}$ " ϕ x 8" granular or solid flux filled headed studs conforming

to Article 1006.32 of the Std. Specs., automatically end

Preformed Jt. Seal

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

(4" joint seals,



AT CURB, PARAPET, OR WALL**

(Showing seal)

AT CURB, PARAPET, OR WALL**

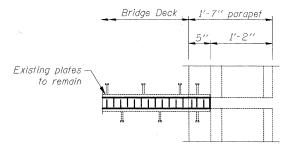
(Showing plate)

AT SIDEWALK **

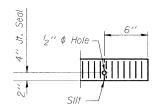
(Showing plate and seal)

** Verify in field and match existing

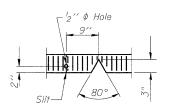
TYPICAL END TREATMENTS



<u>PLAN AT PARAPET</u>



END OF SEAL CUT-OUT



SEAL CUT-OUT AT CURB

450 E E Itasca, Tel: 630 E E Www.ch

450 E Devon Ave, Suite 300 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com