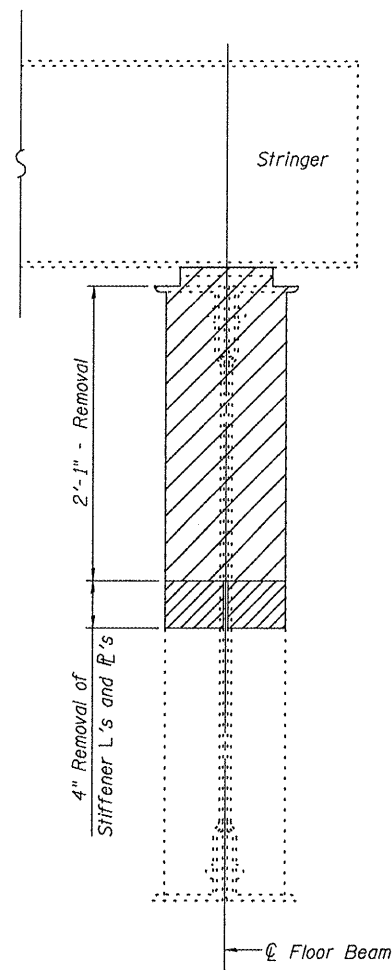
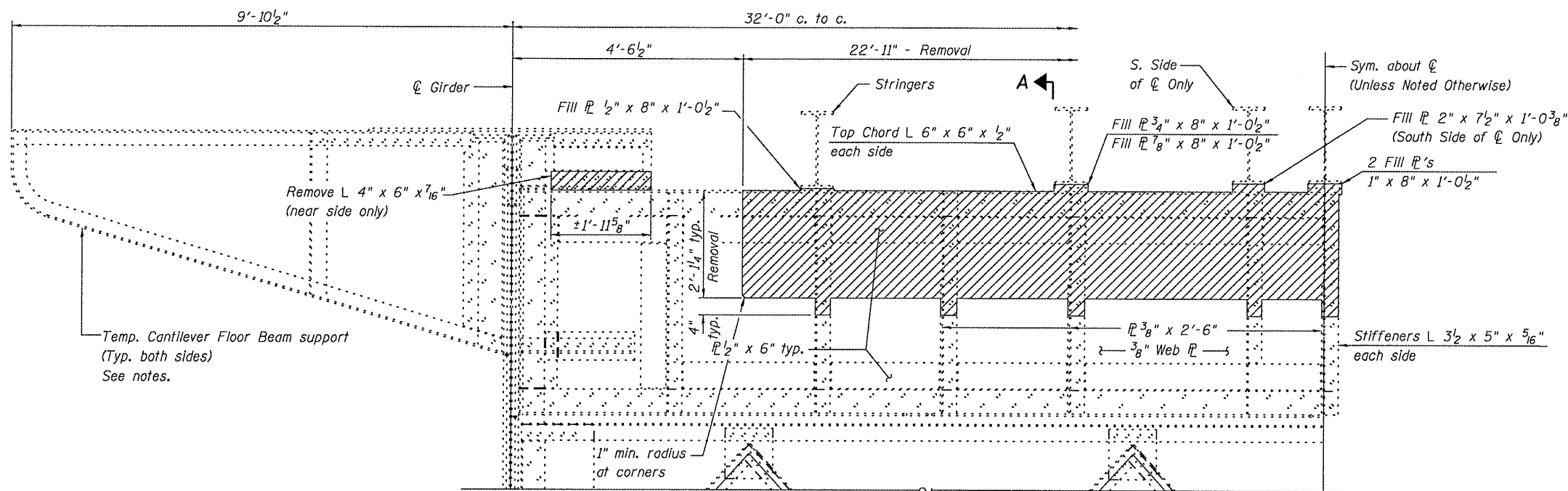


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION A-A

Notes:
Hatched areas indicate removal of existing structural steel. Cost included with "Structural Steel Repair".

After removal of existing structural steel all removed edges of steel to remain in place shall be ground smooth.

Existing structural steel shall only be cleaned and painted as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

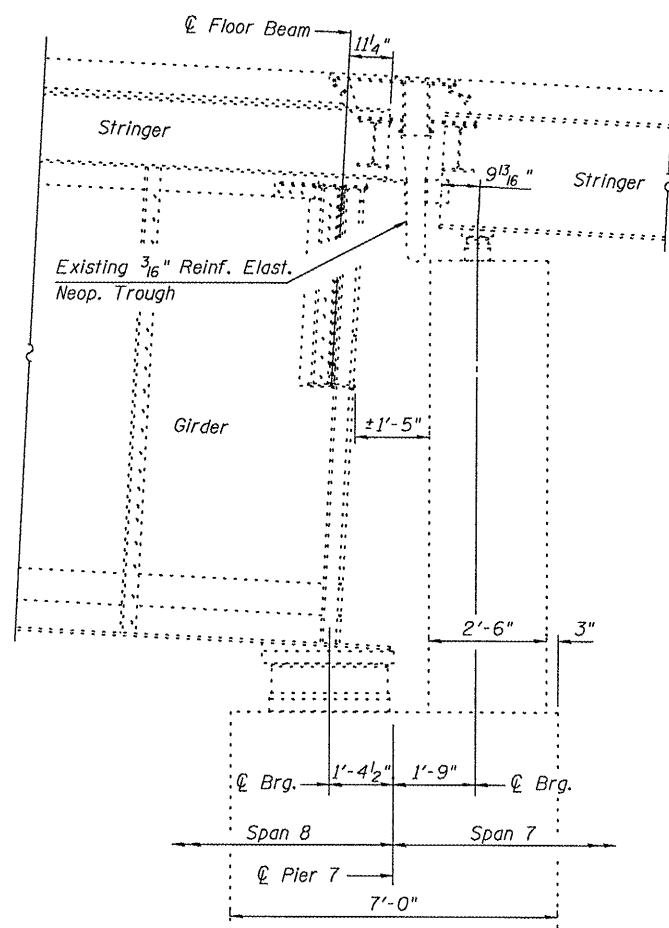
The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat shall be gray, Munsell No. 5B 7/1. See Special Provision for "Cleaning and Painting New Metal Structures".

Temporary shoring of the existing stringers will be required to permit repair of the floor beam. Estimated dead load per stringer = 9.1 kips. Cost included with "Temporary Shoring and Cribbing".

Cantilever Floor Beams shall be temporarily supported during repair of the interior floor beam. Temporary support shall be installed prior to removal of any portion of the existing floor beam and shall remain in place until floor beam repair is complete. Estimated Dead load = 2.2 klps per foot length of cantilever. Cost included with "Temporary Shoring and Cribbing".

At the Contractor's option, the existing 3/16" Reinforced Elastomeric Neoprene Trough may be removed as needed to gain access to the floor beam repair area. If the Contractor elects to remove the trough, the removal, storage and reinstallation shall be done so in a manner that will not result in damage to the trough. After floor beam repair is complete, the trough shall be reinstalled to the satisfaction of the Engineer. If the trough is damaged during removal, storage, or reinstallation the Contractor shall repair or replace the trough at no additional cost to the Department. Cost of temporary removal, storage and reinstallation of the trough is included in the cost of "Structural Steel Repair".

HALF ELEVATION A
(Looking West)



SECTION AT PIER 7

SPAN 8 FBO REPAIR DETAILS
STRUCTURE NO. 090-0030

DESIGNED - SDS
CHECKED - FLL
DRAWN - DLH
CHECKED - SDS

WHKS & CO.
ENGINEERING
7018 KINGSMILL CT.,
SPRINGFIELD, IL
(217) 483-9457
DESIGN FIRM #184001036

•• PEORIA

SHEET NO. 3	F.A. RTE. 669	SECTION 103B-I-5	COUNTY ••	TOTAL SHEETS 18	SHEET NO. 8
13 SHEETS	CONTRACT NO. 68987			ILLINOIS FED. AID PROJECT	

Operator: gjameson Date: 5/10/2010 2:35:35 PM Filename: L:\Jobs\DOT\BBS\199 BBS\199 BBS Various Various\7199.07\CADD\CADD Sheets\0900030-00000-3-25-10.dgn