

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2697	2008-018 BR	COOK	22	7
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. S-4
S-16 SHEETS

Contract # 60E47

GENERAL NOTES

Fasteners shall be AASHTO M164 Type I, mechanically galvanized bolts.

Holes shall be subpunched or subdrilled $\frac{1}{16}$ " dia. and reamed in the field to $\frac{3}{16}$ " dia. for $\frac{3}{4}$ " dia. bolts. Holes shall be subpunched or subdrilled $\frac{13}{16}$ " dia. and reamed in the field to $\frac{15}{16}$ " dia. for $\frac{7}{8}$ " dia. bolts, unless otherwise noted.

All structural steel shall be AASHTO M270 Grade 50.

No field welding is permitted except as specified in the contract documents.

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Existing structural steel shall only be cleaned and painted as required by Special Provision "Cleaning and Painting Contact 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 Acrylic finish coat shall be Interstate Green, Munsell No.7.5G 4/8. See Special Provision for "Cleaning and Painting New Metal Structures".

The Contractor shall provide support and/or shoring system for the stringers in the area of existing cross-frames removal and replacement and at other locations as required in order to maintain the structure's strength and stability.

INDEX OF SHEETS

- S-1. General Plan and Elevation I
- S-2. General Plan and Elevation II
- S-3. General plan and Elevation III
- S-4. General Notes and Bill of Material
- S-5. Framing Plan I
- S-6. Framing Plan II
- S-7. Steel Repairs I
- S-8. Steel Repairs II
- S-9. Steel Repairs III
- S-10. Steel Repairs IV
- S-11. Steel Repairs V
- S-12. Steel Repairs VI
- S-13. Existing Structural Steel Details
- S-14. Girder Elevation
- S-15. Stiffener Modification Details
- S-16. Lateral Bracing Repair for S.N. 016-0987

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Furnishing and Erecting Structural Steel	Pound	16,000
* Structural Steel Removal	Pound	14,890
* Containment and Disposal of Lead Paint Cleaning Residues	L. Sum	1
* Temporary Shoring and Cribbing	Each	12
Stiffener Intersection Modification	Each	1,420

* Special Provision

DESIGNED	B. Sauter
CHECKED	E. Mroczek
DRAWN	R. Danley
CHECKED	B. Sauter



Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402, Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014 Email chicago@ciorba.com

**GENERAL NOTES
AND BILL OF MATERIAL
FAU 2697 WILLOW SPRINGS ROAD
OVER DES PLAINES RIVER,
CHICAGO SANITARY & SHIP CANAL,
ILLINOIS AND MICHIGAN CANAL,
AND ICG RAILROAD
COOK COUNTY
S.N. 016-0540**

rdm:bj

4/16/2008

M:\PROJ\3329\3329_30\Design\Structural\CD\Shr\Steel Repairs_3329_30_04_General_Notes.rvt