



ELEVATION

385'-0" Span A

FRAMING PLAN

- (A) Repair Top Angles (31 Locations)
- (B) Repair Web (5 Locations)
- (C) Repair Bottom Angles (11 Locations)
- (D) Replace Missing and Damaged Rivets
- (E) Remove and Replace Neoprene Joint
- (F) Jack and Reposition Truss Bearing
- (G) Jack Remove and Reinstall Approach Bearings
- (H) Stringer Repair (5 Locations)

GENERAL NOTES

The Contractor shall submit Structural Assessment Report(s) as required for the Contractor's means and methods of construction. See Special Provisions.

The Contractor shall retain the services of an engineering firm, pre qualified in the IDOT consultant selection category of Highway Bridges (Complex), for preparation of the Structural Assessment Report. Contractor's pre-approval shall not be applicable for this project. See Special Provision.

Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractors equipment.

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Fasteners shall be high strength bolts. Bolts 7/8"φ, open holes 15/16"φ, unless otherwise noted.

Plan dimensions and details relative to existing plans are subject to nominal construction 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 at the unit price bid for the work.

Work is to be completed under road closure. Cost of removal and re-installation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Structural Steel Repair.

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 Interstate Green, Munsell No. 7.5G 4/8. See Special Provision "Cleaning and Painting New Metal Structures".

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

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

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	3.1
Concrete Superstructure	Cu. Yd.	3.1
Neoprene Expansion Joint 6 1/2"	Foot	21.5
Structural Steel Repair	Pound	39,960
Jack and Reposition Bearings	Each	2
Jack and Remove Existing Bearings	Each	4
Temporary Support System	Each	41

CURRENT RATINGS ON FILE FOR EXISTING STRUCTURE
 Inventory: HS 4.6
 Operating: HS 10.5
 Live Load Restrictions: Posted 15 Tons



Expires: November 30, 2012

DESIGNED - <i>[Signature]</i>	EXAMINED - <i>[Signature]</i>	DATE - MARCH 14, 2011
CHECKED - <i>[Signature]</i>	PASSED - <i>[Signature]</i>	
DRAWN - Drew Christopher		
CHECKED - <i>[Signature]</i>		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPAN A PLAN AND ELEVATION
 SN 002-0005**

F.A.S. RTE. 944	SECTION (138D-BR)I-6	COUNTY Alexander	TOTAL SHEETS 22	SHEET NO. 9
CONTRACT NO. 78250				
ILLINOIS FED. AID PROJECT				