

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

All new structural steel shall conform to AASHTO Classification M-270 Gr. 36.

Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.

Materials, fabrication and non-destructive testing for the members identified as Fracture Critical Members (FCM) in the contract plans shall conform to the requirements of Section 12 of the current ANSI / AASHTO / AWS D 1.5 Bridge Welding Code.

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts  $\frac{7}{8}$  in.  $\phi$ , holes  $\frac{15}{16}$  in.  $\phi$ , unless noted otherwise.

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

Plan dimensions and details relative to the 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 work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.

Removal and disposal of all structural steel necessary to complete the work as detailed on the plans shall be performed in accordance with Section 501 of the Standard Specifications and included in the cost of the associated work.

Burning of existing rivets or bolts will not be permitted when the subject fasteners are installed in existing structural steel to remain in place. Such rivets and bolts shall have the head of the fastener sheared off and the shank driven or drilled out. Extreme care shall be exercised when removing such fasteners so as not to damage the existing structural steel to remain. Removal of such fasteners will not be measured for payment but shall be included in the cost of the associated work. Any damage to the existing structural steel to remain in place due to the removal of such fasteners shall be repaired or replaced to the satisfaction of the Engineer at no additional cost to the Department.

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, prequalified in the IDOT consultant selection category of Highway Bridges (Advanced Typical), for preparation of the Structural Assessment Report(s). Contractor's pre-approval shall not be applicable for this project.

The Contractor is advised that the existing structure contains members that are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for the complete or partial removal, or replacement of the structure. An Existing Structure Information Package is available upon request as noted in the special provisions. See special Provision.

For traffic control see Roadway Plans.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Structural Steel Repair	POUND	10,050
Temporary Shoring and Cribbing	Each	1
Truss Modifications	L. Sum	1

Current Ratings on File for Existing Structure

Inventory: HS 4.9  
Operating: HS 9.0  
Live Load Restrictions: 15 tons

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 not necessarily representative of capacities to support the Contractor's equipment.

**GENERAL DATA**  
**STRUCTURE NO. 090-0030**

\*\* PEORIA

SHEET NO. 2	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	669	103B-1-5	**	18	7
13 SHEETS	CONTRACT NO. 68987				
ILLINOIS FED. AID PROJECT					

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

<b>WHKS &amp; CO.</b> <b>ENGINEERING</b>	7018 KINGSMILL CT., SPRINGFIELD, IL (217) 483-9457 DESIGN FIRM #184001036
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Operator: gjameson

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