

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

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

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60.
See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of existing concrete.

As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer. Any cracks that cannot be removed by grinding $\frac{1}{4}$ inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

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.

Cleaning and painting of structural steel shall be performed as specified in the plans.

The SSPC-QP1 and SSPC-QP2 Painting Contractor Certifications will not be required for this bridge.

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

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 permit number as shown in the contract plans.

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.

Plans of the original construction and prior rehabilitation contracts are available for review at the IDOT District 6 office in Springfield, IL.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	14.7
Concrete Superstructure	Cu. Yd.	14.4
Reinforcement Bars, Epoxy Coated	Pound	2890
Traffic Control Gate Replacement, No. 1	L. Sum	1
Traffic Control Gate Replacement, No. 2	L. Sum	1
Structural Steel Repair	Pound	1690
Cleaning and Painting Structural Steel, Location 1	L. Sum	1
Containment and Disposal of Lead Paint Cleaning Residues	L. Sum	1
Deck Slab Repair (Partial)	Sq. Yd.	498
Finger Plate Expansion Joint, 6"	Foot	95
Protective Shield	Sq. Yd.	54
Dolphin Repair, No. 1	L. Sum	1
Dolphin Repair, No. 2	L. Sum	1

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GENERAL DATA
ILLINOIS ROUTES 100 & 106 OVER
ILLINOIS RIVER
PUBLIC WATERS

DESIGNED - CEH
CHECKED - SDS
DRAWN - DLH
CHECKED - CEH, SDS

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

SHEET NO. 2 OF 25 SHEETS	F.A.P. RTE. 757	SECTION 20BR-2	COUNTY SCOTT/PIKE	TOTAL SHEETS 30	SHEET NO. 7
	SN 086-0001		CONTRACT NO. 72C39		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					