

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

1. Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts $\frac{3}{4}$ " \emptyset , holes $\frac{13}{16}$ " \emptyset , unless otherwise noted.
2. Calculated weight of structural steel = 330,000 Pounds (M270 Grade 50)
= 15,250 Pounds (M270 Grade 36)
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars shall conform to the requirements ASTM A706 GR. 60. See Special Provisions.
5. Reinforcement bars designated (E) shall be epoxy coated.
6. 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.
7. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ in. (0.01 ft.). Adjustment shall be made by grinding the surface or by shimming the bearings.
8. Concrete Sealer shall be applied to the designated areas of the abutment backwall and bridge seats.
9. The existing structural steel coating contains lead. The Contractor shall take the appropriate precautions to deal with the presence of lead on this project.
10. Embedded Bars shall be epoxy grouted, to the depth specified, in accordance with Section 584 of the Standard Specifications.
11. The existing Protective Shield System shall meet the requirements of Section 501 of the Standard Specifications. The cost of additional reinforcement, if any, to meet the requirements of Section 501, closing ends adjacent to substructures, and the removal of the existing Protective Shield System shall be included in the cost for "Removal of Existing Superstructures".
12. Contractor is to coordinate work and schedule with COM ED Utility for their removal and replacement of the existing 12-duct system attached to underside of bridge deck. See Roadway Special Provisions for contact information. The COM ED 12-duct system will be required to run through the proposed abutment backwalls. Contractor to submit drawings and details, related to this item, to the Engineer for approval. Cost to be included in "Concrete Superstructures".
13. Slipforming of the parapets is not allowed.
14. All structural steel shall be galvanized. See Special Provision for "Hot Dip Galvanizing for Structural Steel."
15. Attachments to galvanized members shall be properly insulated to prevent galvanic corrosion.

TOTAL BILL OF MATERIALS

Item	Unit	Super	Sub	Total
Porous Granular Embankment, Special	Cu. Yd.		263	263
Removal of Existing Superstructures	Each	1		1
Concrete Removal	Cu. Yd.		213	213
Removal of Existing Sub-Structures	Each		1	1
* Structure Excavation	Cu. Yd.		940	940
Concrete Structures	Cu. Yd.		506.6	506.6
Concrete Superstructures	Cu. Yd.	592.8		592.8
Bridge Deck Grooving	Sq. Yd.	1,355		1,355
Protective Coat	Sq. Yd.	1,822		1,822
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	5,112		5,112
Reinforcement Bars, Epoxy Coated	Pound	129,212	54,595	183,807
Bar Splicers	Each	590	338	928
Bridge Fence Railing	Foot	422		422
Furnishing Steel Piles HP 12x53	Foot		1,313	1,313
Driving Piles	Foot		1,313	1,313
Test Pile Steel HP 12x53	Each		1	1
Temporary Sheet Piling	Sq. Ft.		3,257	3,257
Name Plates	Each		1	1
Preformed Joint Strip Seal	Foot	182		182
Elastomeric Bearing Assembly, Type I	Each	24		24
Concrete Sealer	Sq. Ft.		3,723	3,723
Epoxy Crack Injection	Foot		49	49
Geocomposite Wall Drain	Sq. Yd.		253	253
Temporary Soil Retention System	Sq. Ft.		2,505	2,505
Removal of Asbestos Cement Conduit	Foot	918		918
Structural Repair of Concrete (Depth Equal to or less than 5 in.)	Sq. Ft.		54	54

* All excavated material shall be disposed of within IDOT right-of-way and within the project limits. See the General Notes sheet from the roadway plans for more information.

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DESIGNED - ASP
CHECKED - WSP
DRAWN - BEM
CHECKED - ASP

DLZ 85 W. Algonquin Rd. Ste. 220
Arlington Heights IL 60005
DLZ Illinois, Inc. (847)-640-0840

SHEET NO. 2 OF 42 SHEETS	F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	94	0101.8B	COOK	139	78
			CONTRACT NO. 60C18		
ILLINOIS FED. AID PROJECT					

**GENERAL DATA
STRUCTURE NUMBER 016-0610**