

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts $\frac{7}{8}$ " ϕ , holes $\frac{5}{16}$ " ϕ , unless otherwise noted.

Calculated weight of Structural Steel:
AASHTO M270 Grade 50 = 274,030 lbs.
AASHTO M270 Grade 36 = 14,630 lbs.

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

The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3/4. See Special Provision for "Cleaning and Painting New Metal Structures".

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.

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

Reinforcement bars designated (E) shall be epoxy coated.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Concrete Sealer shall be applied to the seat areas of the abutments and piers.

Slipforming of the parapets is not allowed.

TOTAL BILL OF MATERIAL

ITEMS	UNITS	SUPERSTRUCTURE	SUBSTRUCTURE	TOTAL
POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD		590	590
REMOVAL OF EXISTING STRUCTURES	EACH			1
PROTECTIVE SHIELD	SQ YD			1,464
STRUCTURE EXCAVATION	CU YD		3,397	3,397
CONCRETE STRUCTURES	CU YD		1,084.2	1,084.2
CONCRETE SUPERSTRUCTURE	CU YD	664.7		664.7
BRIDGE DECK GROOVING	SQ YD	1,402		1,402
PROTECTIVE COAT	SQ YD	1,972		1,972
ERECTING STRUCTURAL STEEL	L SUM	1		1
STUD SHEAR CONNECTORS	EACH	7,320		7,320
REINFORCEMENT BARS, EPOXY COATED	POUND	145,290	133,810	279,100
BAR SPLICERS	EACH	769	471	1,240
BRIDGE FENCE RAILING	FOOT	427		427
NAME PLATES	EACH			1
PREFORMED JOINT STRIP SEAL	FOOT	149		149
ERECTING ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	20		20
ANCHOR BOLTS, 1 1/4"	EACH	80		80
CONCRETE SEALER	SQ FT		1,406	1,406
GEOCOMPOSITE WALL DRAIN	SQ YD		429	429
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT		236	236
TEMPORARY SOIL RETENTION SYSTEM	SQ FT		3,970	3,970
DRAINAGE SCUPPERS, DS-II	EACH	2		2
ASBESTOS BEARING PAD REMOVAL	EACH			220
DRAINAGE SYSTEM	L SUM			1


FURNISHING STRUCTURAL STEEL is paid for under separate contract

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**GENERAL NOTES, INDEX OF DRAWINGS
AND TOTAL BILL OF MATERIALS
STRUCTURE NO. 016-2119**

DESIGNED	EV
CHECKED	PC
DRAWN	JCP
CHECKED	JPO

 600 WEST FULLTON STREET CHICAGO, ILLINOIS 60661-1259	TEL 312 454 9100 FAX 312 559 1217 WEB www.epsteinglobal.com	SHEET NO. S2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		S52 SHEETS	94	1314B-1	COOK	110	38
CONTRACT NO. 60F65						ILLINOIS FED. AID PROJECT	

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