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GENERAL NOTES

Except as otherwise noted, fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts Bolts $\frac{7}{8}$-in. ϕ, holes $\frac{15}{16}$-in. ϕ, unless otherwise noted.

Calculated weight of Structual Steel: AASHTO M 270 Grade 50 = 144,340 lbs.

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

Reinforcement bars designated (E) shall be epoxy coated.

If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 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 designated areas of the abutment.

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 of the exterior surface and the bottom of the bottom flange of fascia beams, 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.

The Contractor shall retain the services of an engineering firm, pre qualified 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. See Special Provision.

Current Ratings on File for Existing Structure
Inventory: HS 9.5
Operating: HS 15.8
Live Load Restrictions: No

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 Contractor's equipment.

Slipforming of the parapets is not allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.		1,025.4	1,025.4
Concrete Structures	Cu. Yd.		108	108
Concrete Superstructure	Cu. Yd.	397.6		397.6
Bridge Deck Grooving	Sq. Yd.	576		576
Protective Coat	Sq. Yd.	1435		1435
Furnishing and Erecting Structural Steel	L. Sum	0.19		0.19
Stud Shear Connectors	Each	2,853		2,853
Reinforcement Bars	Pound		14,370	14,370
Reinforcement Bars, Epoxy Coated	Pound	77,230	41,420	118,650
Bar Splicers	Each	438	213	651
Mechanical Splicers	Each	276		276
Name Plates	Each	1		1
Permanent Casing	Foot		755	755
Drilled Shaft in Soil	Cu. Yd.		126.2	126.2
Preformed Joint Strip Seal	Foot	101.0		101.0
Anchor Bolts, 1"	Each	56		56
Concrete Sealer	Sq. Ft.		1,030	1,030
Drainage Scuppers, DS-12	Each	1		1
Drainage System	L. Sum	0.5		0.5
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.		9,896	9,896
Temporary Mechanically Stabilized Earth Retaining Wall	Sq. Ft.		4,377	4,377
Aggregate Column Ground Improvement	L. Sum		0.77	0.77
High Load Multi-Rotational Bearings, Guided Expansion, 200 kips	Each	7		7
High Load Multi-Rotational Bearings, Fixed, 150 kips	Each	7		7

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ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-008993

USER NAME =	DESIGNED - AMS	REVISED
	CHECKED - LDB	REVISED
PLOT SCALE =	DRAWN - DR	REVISED
PLOT DATE =	CHECKED - JMH	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, SHEET INDEX AND TOTAL BILL OF MATERIAL
STRUCTURE NO. 016-1323
SHEET NO. SR2 OF SR41 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0383	0303-474HB-R	COOK	368	243
		CONTRACT NO. 60F63		
	ILLINOIS FED. AID PROJECT			