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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 otherwise noted.

Calculated weight of Structural Steel = 401,510 lbs.

All structural steel shall be hot dipped galvanized. (See Special Provisions)

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.

Reinforcement bars designated (E) shall be epoxy coated.

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.

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 Backwalls, Bridge Seat and Front Face of Pile Cap of Abutments 1 and 3.

Any dissimilar metals shall have an isolation/separation barrier installed between contact surfaces.

TOTAL BILL OF MATERIALS

DESCRIPTION	UNIT	SUB	SUPER	TOTAL
Removal of Existing Structures	Each			1
Concrete Removal	Cu. Yds.	2.5		2.5
Protective Shield	Sq. Yds.		1,150	1,150
Structure Excavation	Cu. Yds.	2,055		2,055
Concrete Structures	Cu. Yds.	191.6		191.6
Concrete Superstructure	Cu. Yds.		638.5	638.5
Bridge Deck Grooving	Sq. Yd.		1,034	1,034
Protective Coat	Sq. Yd.		1,494	1,494
Furnishing and Erecting Structural Steel	L. Sum		1	1
Stud Shear Connectors	Ea.		5,256	5,256
Reinforcement Bars, Epoxy Coated	Pound	12,560	143,650	156,210
Bar Splicers	Ea.		100	100
Bridge Fence Railing	Foot		442	442
Furnishing Metal Shell Piles, 12" x 0.179"	Foot	2,071		2,071
Driving Piles	Foot	2,071		2,071
Test Pile Metal Shells	Ea.	2		2
Name Plates	Ea.		1	1
Preformed Joint Strip Seal	Foot		131	131
Elastomeric Bearing Assembly, Type I	Ea.		16	16
Anchor Bolts, 1"	Ea.		32	32
Anchor Bolts, 1 1/2"	Ea.		16	16
Concrete Sealer	Sq. Ft.		1,370	1,370
Epoxy Crack Injection	Foot	6		6
Geocomposite Wall Drain	Sq. Yd.	128		128
Approach Slab Removal	Sq. Yd.		190	190
Removal of Asbestos Cement Conduit	Foot		273	273
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	70		70
Drainage Scuppers, DS-II	Ea.		4	4
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	4,417		4,417


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DESIGNED - SEA	REVISED -
CHECKED - RJL	REVISED -
DRAWN - SCS	REVISED -
CHECKED - SEA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIAL & GENERAL NOTES
STRUCTURE NO. 016-1101

SHEET NO. 2 OF 36 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	1515.1-B	COOK	101	45
STA. TO STA.	CONTRACT NO. 60M79			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			