

beams and the existing Prestressed Deck Beams on the Southeast Bound direction were reused. Substructures were modified and reconstructed. The structure measures $77'-6_{8}^{3}$ Out to Out Deck and 71'-6'' Bk, to Bk. Abutments. The substructures consists of Reinforced Concrete closed abutments and a wall type pier. Traffic is to be maintained utilizing staged construction. One lane for both directions will be provided during construction.

GENERAL NOTES

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.

Fastener shall be high strength bolts. Bolts ${}^{3}_{4}$ " in ϕ , open holes ${}^{13}_{16}$ " in ϕ . unless noted.

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

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures". All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Furnishing and Erecting Structural

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or 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 the 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 around 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 can not be removed by grinding ${}_4^{\prime\prime}$ in, 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 area and grinding cracks will be paid for according to the Article 109.04 of the Standard Specifications.

ITEM	UNIT	SUPER	SUB	TOTAL
Bar Splicer	Each	32	-	32
Bridge Deck Grooving	Sq. Yd.	401	-	401
Bridge Deck Hydro-scarification 1/2"	Sq. Yd.	405	-	405
Bridge Deck Latex Concrete Overlay, 2 ¹ / ₂ "	Sq. Yd.	405	-	405
Concrete Removal	Cu. Yd.	22	-	22
Concrete Superstructure	Cu. Yd.	25	~	25
Elastomeric Bearing Assembly, Type I	Each	16	-	16
Furnishing and Erecting Structural Steel	Pounds	5,080	-	5,080
Hot-Mix Asphalt Surface Course, Mix "D", N-70, 2"	Tons	29		29
Hot-Mix Asphalt Surface Removal (Deck)	Sq. Yd.	405	-	405
Hot-Mix Asphalt Surface Removal, 2"	Sq. Yd.	248	-	248
Jack and Remove Existing Bearings	Each	16	-	16
Protective Coat	Sq. Yd.	434	-	434
Preformed Joint Strip Seal	Foot	157	-	157
Reinforcement Bars, Epoxy Coated	Pounds	2,280	-	2,280
Structural Repair of Concrete (Depth equal to or less 5 inches)	Sq. Ft.	- "	13	13
Structural Repair of Concrete (Depth greater than 5 inches)	Sq. Ft.	-	45	45
Deck Slab Repair (Full Depth Type II)	Sq. Yd.	51	-	51
Anchor Bolts 1"	Each	32	-	32
Structural Steel Removal	Pounds	660		660

TOTAL BILL OF MATERIAL

GENERAL PLAN AND ELEVATION FAP 376/US 14 (CALDWELL AVE) OVER NORTH BRANCH CHICAGO RIVER COOK COUNTY STATION 66+20.00

STRUCTURE NO. 016-0928

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	376	2009-1161	СООК	23	8			
3			CONTRACT	NO. 6	0J41			
	ILLINOIS FED. AID PROJECT							