

TOTAL BILL OF MATERIAL

DESCRIPTION	UNIT	SUPER.	SUB.	TOTAL
Bridge Deck Hydro-Scarification 1/4 Inch	Sq. Yd.	1,864	-	1,864
Bridge Deck Latex Concrete Overlay, 2 1/4 Inches	Sq. Yd.	1,864	-	1,864
Bridge Deck Grooving	Sq. Yd.	1,772	-	1,772
Protective Coat	Sq. Yd.	2,188	-	2,188
Reinforcement Bars, Epoxy Coated	Pound	64,530	1,180	65,710
Protective Shield	Sq. Yd.	750	-	750
Concrete Removal	Cu. Yd.	77	12.5	89.5
Jack and Remove Existing Bearings	Each	27	-	27
Elastomeric Bearing Assembly, Type II	Each	10	-	10
Structural Repair of Concrete (Depth Equal to or Less Than 5 In.)	Sq. Ft.	-	554	554
Preformed Joint Strip Seal	Foot	171	-	171
Concrete Superstructure	Cu. Yd.	185.9	-	185.9
Concrete Structures	Cu. Yd.	-	30.2	30.2
Bar Splicers	Each	382	140	522
Anchor Bolts, 1"φ	Each	54	-	54
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	5	-	5
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	89	-	89
Finger Plate Expansion Joint, 5"	Foot	56	-	56
Floor Drain Extension	Each	66	-	66
Structural Steel Repair	Pound	1,300	-	1,300
Furnishing and Erecting Structural Steel	Pound	4,990	-	4,990
Fabric Reinforced Elastomeric Trough	Foot	67	-	67
Structure Excavation	Cu. Yd.	-	37	37
Porous Granular Embankment, Special	Cu. Yd.	-	37	37
Temporary Shoring and Cribbing	Each	5	-	5
Stone Riprap, Class A5	Ton	-	80	80

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.
- The Contractor must use extreme caution during concrete removal and must not nick, cut or damage in any way, any of the steel beams. Any damage caused to any of the Steel Beams by the Contractor shall be repaired by the Contractor at no cost to I.D.O.T.
- Areas of Deck Repairs shown are estimated. The Engineer shall show actual locations of Deck Repairs on As-Built Plan.
- All Structural Steel shall conform to AASHTO Classifications M-270 Gr. 36, unless otherwise noted.
- Fasteners shall be high strength bolts. Bolts 3/4"φ, open holes 13/16"φ, unless otherwise noted.
- Finger Plate Extension Joints shall be assembled in their final relative position with the ends in place for shop inspection and acceptance.
- The Finger Plates shall be flame cut as provided in Article 505.04(k) of the Standard Specifications.
- Cost of removal and re-installation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Furnishing and Erecting Structural Steel.
- The Inorganic Zinc Rich Primer/Acrylic/Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat shall be Gray, Munsell No. 5B 7/1. See Special Provisions "Cleaning and Painting New Metal Structures".
- 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".
- Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the Deck is poured at an ambient temperature other than 50°F.
- All exposed concrete edges shall be chamfered 3/4" unless otherwise noted.
- The Contractor shall provide support and/or shoring systems for the slab and beam in the repair areas as required in order to maintain the existing deck profile. The support and/or shoring systems shall be approved by the Engineer. Such approval will not relieve the Contractor of responsibility for the safety of the structure. See Special Provision "Temporary Shoring and Cribbing".
- Reinforcement Bars shall conform to the requirements of ASTM A-706, Grade 60. See Special Provisions.
- Reinforcement Bars designated (E) shall be Epoxy Coated.

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PLOT DATE = 7/8/2009



DESIGNED - B.N.S./J.C.N.	REVISED -
DRAWN - D.L./R.E.S./F.M.	REVISED -
CHECKED - B.N.S./J.C.N.	REVISED -
DATE - JULY 8, 2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES & TOTAL BILL OF MATERIAL
KEDZIE AVENUE OVER CAL-SAG CHANNEL S.N. 016-0762**

F.A.U. RTE. 2831	SECTION 1313, 1-I-2	COUNTY COOK	TOTAL SHEETS 41	SHEET NO. 11
SCALE: SHEET NO. S2 OF S29 SHEETS STA. TO STA.			CONTRACT NO. 60D75	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				