

GENERAL NOTES

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.

Protective coat shall not be applied to surfaces to which Waterproofing Membrane System is applied.

Concrete Sealer shall be applied to the designated areas of the Abutments.

A cantilevered sheet piling design does not appear feasible in locations noted on sheet ST1 and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

Existing reinforcement shall be cleaned and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included with Concrete Removal.

The Contractor shall retain the services of an engineering firm, prequalified 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.

The Contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the beams when developing construction procedures for removal and replacement of the superstructure.

Current Ratings on File for Existing Structure
Inventory: HS 12.8
Operating HS 23.0
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.

Repair of the substructure shall be completed prior to placement of the new deck beams.

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TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
REMOVAL OF EXISTING SUPERSTRUCTURES NO. 1	EACH	1		1
CONCRETE REMOVAL	CU YD		173.5	173.5
STRUCTURE EXCAVATION	CU YD		321.4	321.4
CONCRETE STRUCTURES	CU YD		375.0	375.0
CONCRETE SUPERSTRUCTURE	CU YD	192.6		192.6
FORM LINER TEXTURED SURFACE	SQ FT		1,447	1,447
PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	1,371		1,371
PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	11,480		11,480
REINFORCEMENT BARS, EPOXY COATED	POUND	34,420	54,700	89,120
BAR SPLICERS	EACH	50	58	108
MECHANICAL SPLICERS	EACH		138	138
BRIDGE FENCE RAILING	FOOT	126		126
FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT		396	396
DRIVING PILES	FOOT		396	396
TEST PILE METAL SHELLS	EACH		1	1
NAME PLATES	EACH		1	1
WATERPROOFING MEMBRANE SYSTEM	SQ YD	1,770		1,770
CONCRETE SEALER	SQ FT		2,279	2,279
EPOXY CRACK INJECTION	FOOT		10	10
GEOCOMPOSITE WALL DRAIN	SQ YD	24	286	310
CONTROLLED LOW-STRENGTH MATERIAL	CU YD		13.3	13.3
CONCRETE WEARING SURFACE, 6"	SQ YD	1,620		1,620
GRANULAR BACKFILL FOR STRUCTURES	CU YD		410.7	410.7
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT		110	110
GEOTEXTILE RETAINING WALL	SQ FT		190	190
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	150		150
PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT		308	308
TEMPORARY SOIL RETENTION SYSTEM	SQ FT		2,410	2,410
PROTECTIVE CONCRETE SLAB	SQ YD	956		956

STATION 18+79.44
RE-BUILT 201_ BY
STATE OF ILLINOIS
F.A.P. RT. 0383 SEC. 0303-474HB-R
LOADING HL-93
STRUCTURE NO. 016-2573

NAME PLATE

See Std. 515001

New Name Plate shall be located next to existing Name Plate.

USER NAME =	DESIGNED - EKM	REVISED
	CHECKED - LDB	REVISED
PLOT SCALE =	DRAWN - PRH	REVISED
PLOT DATE =	CHECKED - EKM	REVISED

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	284
			CONTRACT NO. 60F63	
ILLINOIS FED. AID PROJECT				