

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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 A706 Grade 60. See Special Provisions.

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.

Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.

Reinforcement Bars designated (E) shall be epoxy coated.

No in-stream work will be allowed on this project.

Slip forming of the parapets is not allowed.

The minimum thickness of the concrete overlay shall be 5" and varies as required to adjust for the new profile grade and beam camber.

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

Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.

The amount of Structure Excavation behind each abutment that is required to complete this project shall be determined by the Contractor. Backfill material shall consist of Porous Granular Embankment, in accordance with Section 207. Structure Excavation and Porous Granular Embankment will not be measured and paid for separately. Instead, the cost of Structure Excavation and Porous Granular Embankment shall be included with Removal of Existing Superstructures.

The Contractor shall be responsible for maintaining the stability and structural integrity of the existing structure, in accordance with the project specifications. In addition, the Contractor shall not place heavy equipment loads, such as a crane load, within an 8 feet distance of the back of the existing abutment walls.

If the Contractor's procedures for existing beam removal or placement of new beams involves placement of heavy equipment on the existing or new deck beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, sealed by an Illinois Licensed Structural Engineer, verifying the structural adequacy of the beams for the proposed loads. Cost included with Removal of Existing Superstructures.

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TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	APPR. SLAB	TOTAL
SubBase Granular Material, Type B	Cu. Yd.			49	49
Approach Slab Removal	Sq. Yd.			107	107
Removal of Existing Superstructures	Each	1			1
Concrete Removal	Cu. Yd.		11		11
Concrete Structures	Cu. Yd.			53	53
Concrete Superstructures	Cu. Yd.	13	13	246	272
Bridge Deck Grooving	Sq. Yd.	524			524
Protective Coat	Sq. Yd.	591		610	1201
P.P.C. Deck Beams (27" Depth)	Sq. ft.	4894			4894
Reinforcement Bars, Epoxy Coated	Pound	8880	2360	61690	72930
Bar Splicers	Each	57	12	222	291
Name Plates	Each	1			1
Preformed Joint Strip Seal	Foot	87			87
Epoxy Crack Injection	Foot		161		161
Concrete Wearing Surface 5"	Sq. Yd.	544			544
Asbestos Bearing Pad Removal	Each	58			58

DESIGNED -	SLV
CHECKED -	MJM
DRAWN -	SLV
CHECKED -	MJM

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GENERAL DATA
STRUCTURE NO. 016-2514

SHEET NO. S2 OF S15 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1320	581 B-1	COOK	33	13
D-91-288-09			CONTRACT NO. 60F91		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT		