

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.

Reinforcement Bars designated (E) shall be epoxy coated.

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 camber.

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

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

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

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
Approach Slab Removal	Sq. Yd.			249	249
Removal of Existing Superstructures	Each	1			1
Concrete Removal	Cu. Yd.	12.0			12.0
Concrete Structures	Cu. Yd.			37.4	37.4
Concrete Superstructure	Cu. Yd.	8.1		180.2	188.3
Bridge Deck Grooving	Sq. Yd.	184			184
Protective Coat	Sq. Yd.	232		456	688
Precast Prestressed Concrete Deck Beams (11" Depth)	Sq. ft.	1650			1650
Reinforcement Bars, Epoxy Coated	Pound	4810		45580	50390
Bar Splicers	Each	25		222	247
Removing and Re-Erecting Existing Railing	Foot	97			97
Name Plates	Each	1			1
Epoxy Crack Injection	Foot		6		6
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.		8		8
Concrete Wearing Surface, 5"	Sq. Yd.	184			184

DESIGNED -	SLV
CHECKED -	DJB
DRAWN -	SLV
CHECKED -	DJB

— LONCO, INC. —
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**GENERAL DATA & BILL OF MATERIAL
STRUCTURE NO. 049-0152**

SHEET NO. S2 OF S17 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	338	108 B-1	LAKE	40	14
D-91-289-09			CONTRACT NO. 60F92		
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					