

**GENERAL NOTES**

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.

Reinforcement bars designated (E.) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to routine 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 based upon the unit price bid for the work.

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.

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

If the Contractor's procedure for existing beam removal or placement of new beams involves placement of heavy equipment on the new or existing 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.

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

The top surface of the beams shall be finished in accordance with Article 504.06 of the Standard Specifications except that the surface shall not be roughened by brooming. The finished surface shall be free of depressions or high spots with sharp corners, and the top edge of keys shall be rounded or chamfered a minimum of 1/4".

**TOTAL BILL OF MATERIAL**

Item	Unit	Super	Sub.	Total
Removal of Existing Superstructures	Each	1	-	1
Erecting Precast Prestressed Concrete Deck Beams (21" Depth)	Sq. Ft.	6,627	-	6,627
Reinforcement Bars, Epoxy Coated	Pound	-	190	190
Steel Railing, Type SM	Foot	405	-	405
Hot-Mix Asphalt Surface Course, Mix "C", NSO	Ton	76	-	76
Structural Repair of Concrete (Depth Equal to or Less than 5")	Sq. Ft.	-	58	58
Structural Repair of Concrete (Depth Greater than 5")	Sq. Ft.	-	24	24
Name Plates	Each	-	-	1
Preformed Joint Seal 2 1/2"	Foot	66	-	66
Asbestos Bearing Pad Removal	Each	88	-	88
Concrete Removal	Cu. Yd.	-	0.8	0.8
Stone Dumped Riprap, Class A4 (Special)	Ton	-	-	1085
Waterproofing Membrane System	Sq. Yd.	738	-	738
Portland Cement Mortar Fairing Course	Foot	2008	-	2008

STATION 16+34.85  
 REBUILT 200 BY  
 STATE OF ILLINOIS  
 F.A.P. 614 SEC. 148BR-2  
 LOADING HS20  
 STRUCTURE NO. 069-0005

**NAME PLATE**  
 See Std. 515001

Attach new name plate to back side of 8" rail element. Clean and re-locate existing name plate adjacent to new name plate. Cost included in the cost of "Name Plates".

DESIGNED	BAN
CHECKED	JOH
DRAWN	TC/TD
CHECKED	BAN

**GENERAL NOTES & BILL OF MATERIAL**  
**ILLINOIS ROUTE 78 OVER MAUVAISE TERRE CREEK**  
**F.A.P. 614 SEC. 148BR-2**  
**MORGAN COUNTY**  
**STATION 16+34.85**  
**STR. NO. 069-0005**

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HUTCHISON ENGINEERING, INC.  
 JACKSONVILLE, ILLINOIS

Rev: \_\_\_\_\_ Date: \_\_\_\_\_