

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Sheet R2 of R9

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	17B-1	WHITESIDE	376	43
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT	

Contract #64B74

**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 is advised that the existing structure contains members that are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for the complete or partial removal, or replacement of the structure. An Existing Structure Information Package is available upon request as noted in the special provisions.
- If the Contractor's procedure for existing beam removal or placement of new beams involves placement of cranes or other heavy equipment on the bridge, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, prepared and sealed by an Illinois Licensed Structural Engineer, verifying that the equipment and procedure used will not overstress the new or existing beams. To distribute load to multiple beams and protect the existing surface, in all cases a double layer mat of heavy timbers shall be used at all times under crane tracks or wheels and any outriggers in the down position. If necessary, shims shall be used under the crane mat to ensure uniform contact with the underlying beams. If heavy equipment will be placed on new PPC deck beams, the following shall be done prior to placement of the timber mats: placement and tightening of transverse tie assemblies, grouting and curing the dowel rods 24 hours minimum and grouting and curing the shear keys.
- The top surface of the beams shall be finished according to the IDOT Manual for Fabrication of Precast Prestressed Concrete Products.
- Any damage done to the bridge during beam removal shall be repaired by the Contractor. Cost to be included in the cost of Removal of Existing PPC Deck Beams.
- Temporary concrete barriers shall only be anchored into the overlay and not into the PPC Deck Beams.
- The Contractor shall submit Structural Assessment Report(s) as required for Contractor's means and methods of construction. See Special Provisions.
- Current Ratings on File for Existing Structure:  
Inventory: 8.0  
Operating: 15.1  
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.

**INDEX OF SHEETS**

- R1 General Plan
- R2 General Notes, Index of Sheets, Total Bill of Material
- R3 Construction Staging
- R4 Temporary Concrete Barrier for Stage Construction
- R5 Framing Plan
- R6 Deck Beam Details I
- R7 Deck Beam Details II
- R8 Repair Details
- R9 Railing Details

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Hot-Mix Asphalt Surface Course, Mix "D", N70	TON	15
Hot-Mix Asphalt Surface Removal	SQ. YD.	15.6
Precast Prestressed Concrete Deck Beams (21" Depth)	SQ. FT.	628.5
Waterproofing Membrane System	SQ. YD.	82.4
Portland Cement Mortar Fairing Course	FOOT	210
Removal of Existing Precast Prestressed Concrete Deck Beams	SQ. FT.	628.5
Removing and Re-erecting Existing Railing	FOOT	216

GENERAL NOTES, INDEX OF SHEETS,  
AND TOTAL BILL OF MATERIAL  
U.S. RTE. 30/IL RTE. 78 OVER ROCK CREEK  
F.A.P. ROUTE 309, SECTION 17B-1  
WHITESIDE COUNTY  
STATION 1037+69.16  
STRUCTURE NO. 098-0053  
DATE: March 10, 2009  
DRAWN BY: D. Schettler  
CHECKED BY: A. Yargicoglu



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