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PED. NGAD DIST. NO. 7 ILLINOIS		ILLINCIS	FED. AID PROJECT-			
FAP 332	101B-1	WABASH		94 M	8	1
ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.	s

HEET NO. 1 SHEETS

GENERAL NOTES

Plan dimensions and details relative to the existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new conctruction 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 cut strands at each beam end shall be given two coats of zinc dust spray or paint meeting the requirements of ASTM A780. The zinc dust spray or paint shall be applied before corrosion appears and allowed to dry according to the manufacturer's specifications prior to another coat of zinc. A concrete sealer meeting the requirements of Section 587 of the Standard Specifications shall be applied to the exterior face and 9" in on the underside of the fascia beams. The sealer shall be applied after visible crack growth has subsided. This work shall be performed by the producer and included with the cost of the beam.

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.

No drilling will be permitted into the existing precast deck beams to be used for Stage I traffic lane or the proposed deck beams.

If the Contractor's procedure for existing beam removal or placement of new beams involves placement of cranes or other heavy equipment on new beams, 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 beams. To distribute load to multiple beams and protect the concrete, in all cases a double layer mat of heavy timbers shall be used at all times under crane tracks or wheels and any outriagers in the down position. If necessary, shims shall be used under the crane mat to ensure uniform contact with the underlying beams. Prior to placement of the timber mats the following shall be done: placement and tightening of transverse tie assemblies, grouting and curing the dowel rods 24 hours minimum and grouting and curing the shear keys.

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 Superstructures.

Layout of Slope Protection System may be varied to suit ground conditions in field as directed by the Engineer.

Reinforcement bars designated (E) shall be epoxy coated.

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

	UNIT	SUPER	SUB	TOTAL				
	Each	1		1				
: (27'' Depth)	Sq. Ft.	<i>41</i> 57		4157				
	Pound	7590		7590				
	Foot	332		332				
	Each	1		1				
	Each	168		168				
	Sq. Yd.	613		613				
	Sq. Yd.	613		613				
	Sq. Yd.	611		611				
	Foot	33		33				
	Sq. Ft.	299		299				
	Sq. Ft.	299		299				
	Sq. Yd.			603				
	Sq. Yd.			603				
ter Than 5")			7	7				
	Foot		45	45				

TOTAL BILL OF MATERIAL

ILLINOIS DEPARTMENT OF TRANSPORTATION R 14 W 2nd P.M. SHEET TITLE GENERAL PLAN & ELEVATION SCALE 06026 FAP 332 OVER BONPAS CREEK FAP ROUTE 332 (IL 1) SECTION 101B-1 03/15/07 WABASH COUNTY STATION 149+30 TFC CHECKED BY GB/CME/MCB SN 093-0005 COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois LOCATION SKETCH Design Firm License No. 184-002703 OF 11 SHTS