

ROUTE NG.	SECTION	COUNTY		TOTAL SHEETS	SHEET ND.	SHE	ET N	ю.	i
FAP RT 68 (IL 23)	29 BR-1	DEKALB		25	7	10	SHEE	TS	
FED. ROAD DIST, NO. 7		ILLINDIS	FED. AND PROJECT-						

Contract #64A06

## GENERAL NOTES

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Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60.

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.

All Construction joints shall be bonded.

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

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

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 abutments and pier caps shall be completed prior to placement of the new deck beams.

If the Contractor's procedure for existing beam removal or replacement of the 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 outriggers in the down position. If necessary, shims shall be used under the crane mat to ensure uniform contact with the underlying beams. If cranes or other heavy equipment will be placed on new beams prior to placement of the concrete wearing surface, it shall be done after the dowels rods are grouted and cured for 24 hours minimum and prior to grouting the shear keys. A temporary means of lateral restraint will be required for fascia beams at expansion ends of beams to prevent movement of the beams.

	GENERAL PLAN				
N 15 15 14 14 14	F.A.P. ROUTE 68 (IL 23) SECTION 29 BR-1 DEKALB COUNTY STATION 876+47.59 STRUCTURE NO. 019-0007				
<u>LOCATION SKETCH</u>	CHAMPAIGN, ILLINDIS CHICAGO, ILLINDIS EVANSVILLE, INDIANA INDIANAPOLIS, INDIANA KENOSHA, WISCOMSIN SPRING GREEN, WISCOMSIN				
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