

SLT-94-001-07

ROUTE NO.	SECTION	COUNTY		SHEETS	SHEET NO.	SHEET	NO.
		Henderson		15	13	Зsн	EETS
FED. ROAD DIST. NO. 7		114.350016	FED. ALD PROJECT-				

NO. 1

Contract Number: 68771

GENERAL NOTES

The contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the contractors responsibility to account for the condition of the beams when developing construction procedures.

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

The top surface of the beams shall be finished according to the IDOT Manual for Fabrication of Precast Prestressed Concrete Products.

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.

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. Temporary concrete barrier shall only be anchored into the overlay and not into the PPC Deck Beams.

[Top of HMA Wearing Surface		
	3 ₉ "		12"
	3 ₄ "Top of Beam		ofing system
	42'- 10" —— End of Beam		'z" Waterproofing membrance system
ICIPATE Thension thes.	<u>D INITIAL CAMBER DIAGRAM</u> <u>TOTAL BILL OF MATE</u>	ERIAL	
10.	ІТЕМ	UNIT	QUANTITY
und flush, beams. eams.	Removal of Existing PPC Deck Beams	Sq. Ft.	386
	Precast Prestressed Concrete Deck Beams (21" Depth)	Sq. Ft,	382
illed into	Removing and Re-Erecting Existing Railing	Foot	43
filled with sure a	Waterproofing Membrane System	Sq. Yd.	90.1
keys.	PC Mortar Fairing Course	Foot	171
	Hot-Mix Asphalt Surface Removal	Sq. Yd.	46.3
	Polymerized HMA Surface Course Mix "D" N70	Tons	5.7
R <u>ESSES</u> UNITS	PLAN A	ND EL	EVATIO

HENDERSON COUNTY

SN 036-0003