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ROUTE NO.	SECTION .	COUNTY		TOTAL SHEETS	SHEET NO.
F.A.U. 1320 (IL58)	581 EXT - BR	со	ок	44	20
FEO. ROND DIST. NO. 7		ILLINGIS	FED. AID PROJECT-		

SHEET NO. 1

11 SHEETS

Contract -	#60B82
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GENERAL NOTES

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.

Reinforcement bars shall conform to the requirements of ASTM A706 Grade 60 (IL Modified). See Special Provisions.

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.

Attach new Name Plate to the inside face of parapet as shown. Existing name plate is to be removed, cleaned and relocated adjacent to new name plate. Cost included in the cost of Name Plates.

If the Contractor's procedures for existing beam removal or replacement of new beams involves placement of heavy equipment on the new deck beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, sealed by an Illinois Licensed Licensed Structural Engineer, verifying the structural adequacy of the beams for the proposed loads. Cost included with Removal of Existing Superstructures. Repair of the pier caps shall be completed prior to placement of the new

Reinforcement bars designated (E) shall be epoxy coated.

Concrete Sealer shall be applied to exterior vertical face and to outer one foot of bottom face of each fascia beam.

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

The minimum thickness of concrete wearing surface shall be 5" and varies as required to adjust for the new profile grade and beam camber. Utilities shall be removed from the existing structure prior to the proposed construction. See Roadway Plans for the details. They shall be re-attached to the proposed exterior beam with the use of cast-in-place inserts. For

the pay item of this re-attachment, see Roadway Plans. For the details of these inserts see sheet 5 of 11.

Temporary Wall Bracing System

ITEM UNIT QUANTITY Cu. Yd. 55.0 Concrete Superstructure Structural Repair of Concrete Sq. Ft. 248.5 Depth Equal to or Less than 5") Structural Repair of Concrete Sq. Ft. 14.0 Depth Greater than 5') Removal of Existing Superstructures Each Reinforcement Bars, Epoxy Coated Pound 16100 Concrete Wearing Surface, 5 Sq. Yd. 754.4 Sq. Yd. <u>Bridge Deck Grooving</u> 556.7 Protective Coat Sq. Yd. 827,3 Name Plates Each Precast Prestressed Concrete 6763 Sq. Ft. Deck Beams (21'' Depth) Bar Splicers Each 105 Concrete Sealer Sq. Ft. L. Sum 504.0

TOTAL BILL OF MATERIAL

GENERAL PLAN & ELEVATION IL 58 (GOLF ROAD) OVER POPLAR CREEK F.A.U. RT. 1320 SEC. 581 EXT-BR COOK COUNTY STATION 1115+40.00 STRUCTURE NO. 016-2087