

no	UTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET ND.	SHE	ET NO	. 1
	FAP 328	×	CL	ΑΥ	109	13	6	SHEET	rs
F	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-					
Cor	Contract #74107				*(6BR-1)B-1			

STRUCTURE INDEX OF SHEETS

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GENERAL NOTES

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

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

3. 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 of the superstructure.

4. If the Contractor's procedure for existing deck beam removal involves placement of cranes or other heavy equipment on the existing deck 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 the structural adequacy of the beams for the proposed loads. Costs included in Pomerul of Existing Constructures of the proposed loads. included in Removal of Existing Structures.

5. The cost of the removal of existing precast concrete units and approach caps at the approaches is included in the cost of Removal of Existing Structures.

6. Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before Stage I removal of the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.

7. For backfilling and embankment, see Standard Specifications.

8. At least 7'-6" of the barrel shall be poured monolithically with wingwalls.

9. Precast alternate is not allowed.

10. The limits and quantities of Removal and Disposal of Unsuitable Material shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field.

TOTAL BILL OF MATERIAL

ITEM	UNÍT	QUANTITY
Rock Fill - Replacement	Cu. Yd.	125
Removal and Disposal of Unsuitable Material	Cu. Yd.	125
Stone Riprap, Class A4	Sq. Yd.	362
Filter Fabric	Sq. Yd.	362
Removal of Existing Structures No. 1	Each	1
Bar Splicers	Each	142
Concrete Box Culverts	Cu. Yds.	183
Reinforcement Bars	Pounds	36,450
Temporary Soil Retention System, (Location 1)	Sq. Ft.	405
Name Plates	Each	1

See Roadway Plans for quantities of Temporary Concrete Barrier, Earth Excavation, and Porous Granular Embankment.

APPROVED FOR STRUCTURAL ADEQUACY ONLY Ralph E aucleuse (TJD) ENGINEER OF BRIDGES AND STRUCTURES GENERAL PLAN <u>US 45 OVER GROVE CREEK</u> FAP ROUTE 328 - SECTION (6BR-1)B-1 Structur CLAY COUNTY STATION 1413+68.00 STRUCTURE NO. 013-2009