

	ROUTE NO.	SECTION	co	UNTY	TOTAL SHEETS	SHEET	SHEET	T NO.
	FAP 328			AY	109	66	7 ѕн	HEETS
	FED, ROAD D	46 T. NO.	ILLINCIS	FED. AID PRO	JECT-			
ĺ	Contract	+ #741	77		*(8BR-3)B-1		

NO. /

STRUCTURE INDEX OF SHEETS

l Plan	Sheet	No. 1 of 7	
Construction Details	Sheet	No. 2 of 7	
Ilvert Details	Sheet	No. 3 of 7	
licer Assembly Details	Sheet	No. 4 of 7	
ring Logs	Sheet	No. 5 of 7	
ary Concrete Barrier for Stage Construction	Sheet	No. 6 of 7	
Railing, Type 2399	Sheet	No. 7 of 7	

GENERAL NOTES

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

2. 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 PC channel slabs are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the slabs when developing construction procedures for removal of the superstructure.

4. If the Contractor's procedure for existing channel slab removal involves placement of cranes or other heavy equipment on the existing channel slabs, 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 slabs for the proposed loads. Costs included in Removal of Existing Structures.

5. The cost of the removal of existing PC channel slabs 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'-0" 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.

ITEM	UNIT	QUANTITY
Rock Fill - Replacement	Cu. Yd.	95
Removal and Disposal of Unsuitable Material	Cu. Yd.	95
Stone Riprap, Class A4	Sq. Yd.	281
Filter Fabric	Sq. Yd.	281
Removal of Existing Structures No. 3	Each	1
Bar Splicers	Each	122
Concrete Box Culverts	Cu. Yd.	139
Reinforcement Bars	Pound	25,550
Temporary Sheet Piling	Sq. Ft.	555
Steel Railing, Type 2399	Foot	46
Name Plates	Each	1

TOTAL BILL OF MATERIAL

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

GENERAL PLAN US 45 OVER SEMINARY CREEK OVERFLOW FAP ROUTE 328 - SECTION (8BR-3)B-1 CLAY COUNTY STATION 966+25.10 STRUCTURE NO. 013-2011