

**INDEX OF SHEETS**

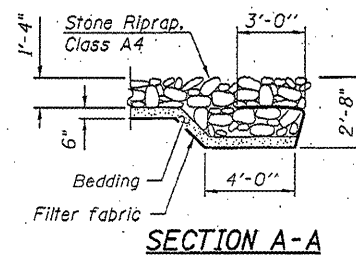
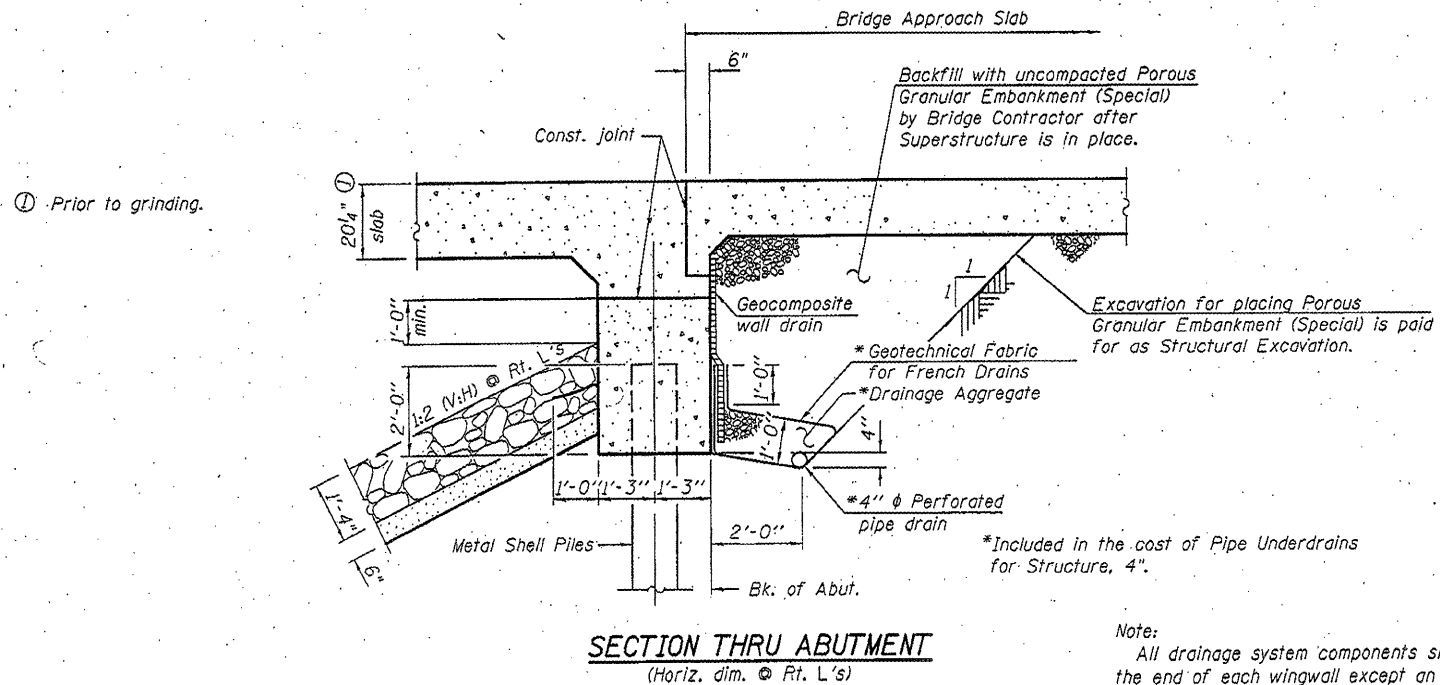
1. General Plan and Elevation
2. General Data
3. Stage Construction Plan
4. Temporary Concrete Barrier For Stage Construction
5. Top of Slab Elevation Plan
6. Top of Slab Elevations
7. Top of South Approach Slab Elevations
8. Top of North Approach Slab Elevations
9. Superstructure Plan
10. Superstructure Details
11. Superstructure Details
12. Bridge Approach Slab Details
13. Bridge Approach Slab Details
14. South Abutment
15. North Abutment
16. Piers
17. Metal Shell Pile Details
18. Bar Splicer Assembly Details
19. Subsurface Data Profile

**General Notes**

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
4. The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach slab.
5. 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 conditions of the beams when developing construction procedures for removal and replacement of the superstructure.
6. Slipforming of the parapet is not allowed.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4	Sq. Yd.		845	845
Filter Fabric	Sq. Yd.		845	845
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.		110	110
Floor Drains	Each	12		12
Concrete Structures	Cu. Yd.		207.9	207.9
Concrete Superstructure	Cu. Yd.	459.4		459.4
Bridge Deck Grooving	Sq. Yd.	683		683
Concrete Encasement	Cu. Yd.		10.2	10.2
Protective Coat	Sq. Yd.	877		877
Reinforcement Bars, Epoxy Coated	Pound	95,540	21,350	116,890
Bar Splicers	Each	380	148	528
Furnishing Metal Shell Piles 14" x 0.312"	Foot		1912	1912
Driving Piles	Foot		1912	1912
Test Pile Metal Shells	Each		2	2
Pile Shoes	Each		40	40
Name Plates	Each	1		1
Geocomposite Wall Drain	Sq. Yd.		54	54
Porous Granular Embankment, Special	Cu. Yd.		92	92
Cofferdam (Type 1) (Location-1)	Each		1	1
Cofferdam (Type 1) (Location-2)	Each		1	1
Mechanical Splicers	Each		72	72
Asbestos Bearing Pad Removal	Each		44	44
Diamond Grinding (Bridge Section)	Sq. Yd.	645		645
Pipe Underdrains for Structures-4"	Foot		162	162
Temporary Soil Retention System	Sq. Ft.		852	852
Cofferdam Excavation	Cu. Yd.		137	137



Note:  
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. The cost of concrete headwalls are included in the cost of Pipe Underdrains for Structures, 4". (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

HURST-ROSCHIE ENGINEERS, INC.  
HILLSBORO, ILLINOIS 62049  
(217)532-3959 FAX (217)532-3212  
HR JOB # 190-1580



FILE NAME =	USER NAME =	DESIGNED - JSP	REVISED -
		CHECKED - CJC	REVISED -
		DRAWN - UJ	REVISED -
		CHECKED - RVB	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL DATA  
STRUCTURE NO. 010-0286  
SHEET NO. 2 OF 19 SHEETS

F.A.P. RTE. 808	SECTION 94BR-1	COUNTY CHAMPAIGN	TOTAL SHEETS 50	SHEET NO. 15
CONTRACT NO. 70582				
[ILLINOIS] FED. AID PROJECT				