

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special	Cu. Yd.		74	74
Stone Riprap, Class A4	Sq. Yd.		750	750
Filter Fabric	Sq. Yd.		750	750
Removal of Existing Structures	Each		1	1
Structure Excavation	Cu. Yd.		174	174
Concrete Structures	Cu. Yd.		87.4	87.4
Concrete Superstructure	Cu. Yd.	114.2		114.2
Bridge Deck Grooving	Sq. Yd.	536		536
Concrete Encasement	Cu. Yd.		5.5	5.5
Protective Coat	Sq. Yd.	628		628
Reinforcement Bars, Epoxy Coated	Pound	29780	10830	40610
Steel Railing (Special)	Foot	255		255
Furnishing Metal Shell Piles 14" x 0.312"	Foot		715	715
Driving Piles	Foot		715	715
Test Pile Metal Shells	Each		2	2
Name Plates	Each		1	1
Geocomposite Wall Drain	Sq. Yd.		36	36
Pipe Underdrains for Structures 4"	Foot		132	132
Underwater Structure Excavation Protection, Location 1	Each		1	1
Precast Prestressed Concrete Deck Beams (21" Depth)	Sq. Ft.	3501		3501
Concrete Wearing Surface (Variable Depth)	Cu. Yd.	73.5		73.5
Pile Shoes	Each		30	30

GENERAL NOTES

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

Reinforcement bars designated (E) shall be epoxy coated.

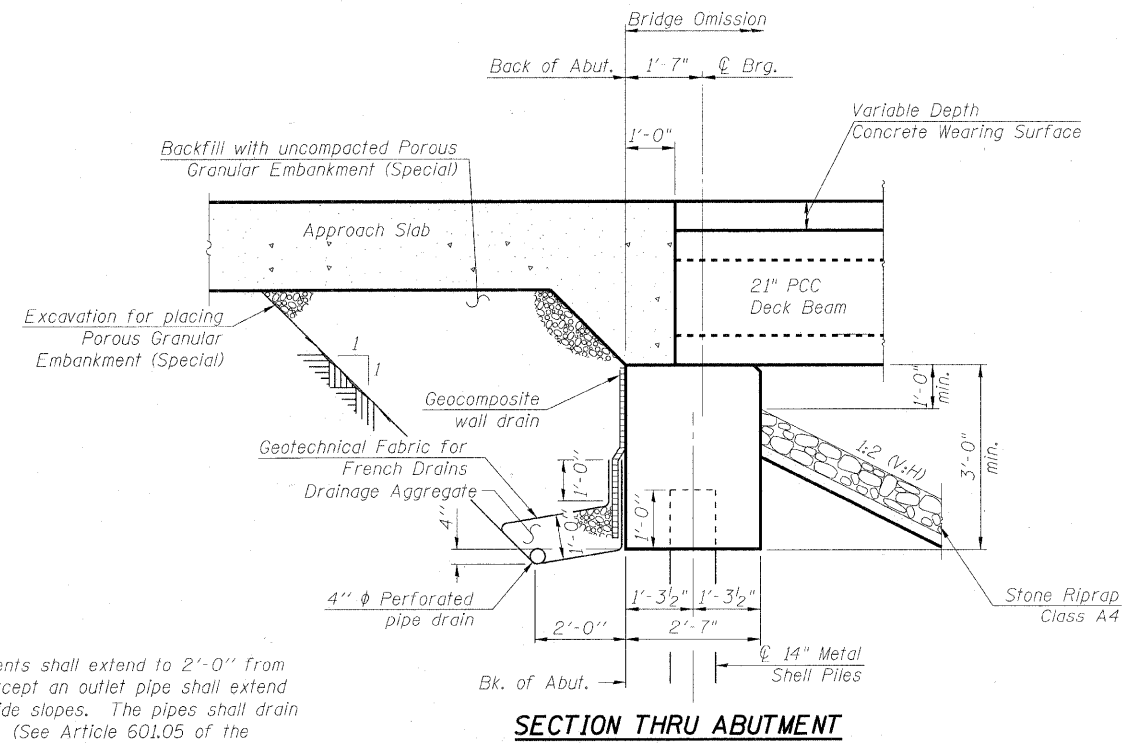
Place Reinforcement bars to provide 2 inch clear cover, unless noted otherwise.

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

The Contractor is advised that the existing structure contains members that are in deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for removal.

INDEX OF SHEETS

- 1 General Plan and Elevation
- 2 General Data
- 3 21"x48" PPC Deck Beam
- 4 21"x48" PPC Deck Beam Details
- 5 Superstructure
- 6 Superstructure Details
- 7-8 Bridge Approach Slab Details
- 9 Top of North Approach Slab Elevations
- 10 Top of South Approach Slab Elevations
- 11-12 Wyoming 2-Tube Bridge Railing Details
- 13 Abutments
- 14 Pier
- 15 Metal Shell Pile Details
- 16-19 Soil Borings



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 through concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 60110.1.)

SECTION THRU ABUTMENT

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 FILE NAME = ...
 USER NAME = ...
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 CHECKED - BAB
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 CHECKED - BLB
 REVISED - PER MCDOT 12/31/10
 REVISED -
 REVISED -
 REVISED -
 MCHENRY COUNTY DIVISION OF TRANSPORTATION
 GRAF ROAD BRIDGE OVER
 LAWRENCE CREEK
 GENERAL DATA
 STRUCTURE NO. 056-3182
 SHEET NO. 2 OF 19 SHEETS
 TR RTE 0037 SECTION 06-00322-00-BR COUNTY MCHENRY TOTAL SHEETS 54 SHEET NO. 25
 C-91-358-06 CONTRACT NO. 63569
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT BR05-00016831