Reinforcement bars designated (E) shall be epoxy coated.

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

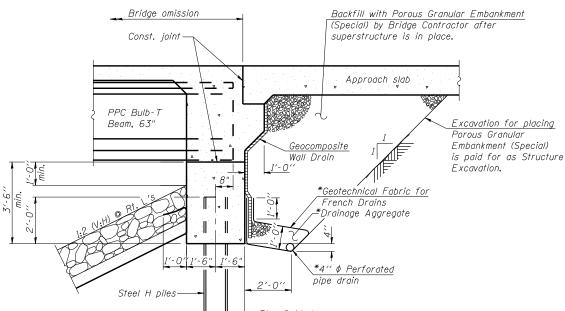
The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

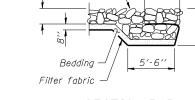
The existing structural steel coating on the expansion joint angles and attached bars contains lead. The contractor shall take appropriate precautions to deal with the presence of lead on this project.

Slipforming of the parapets will not be allowed.

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.

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



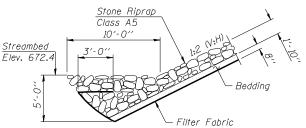


SECTION B-B

SECTION THRU INTEGRAL ABUTMENT

*Included in the cost of Pipe Underdrains for Structures.

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. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).



SECTION A-A STONE RIPRAP ANCHOR DETAIL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.		502	502
Porous Granular Embankment (Special)	Cu. Yd.		249	249
Concrete Structures	Cu. Yd.		320.2	320.2
Concrete Superstructure	Cu. Yd.	835.8		835.8
Protective Coat	Sq. Yd.	2350		2350
Diamond Grinding (Bridge Section)	Sq. Yd.	1566		1566
Reinforcement Bars, Epoxy Coated	Pound	168,320	37,640	205,960
Bar Splicers	Each	1429	258	1687
Furnishing Steel Piles HP 14 x 73	Foot		3526	3526
Driving Piles	Foot		3526	3526
Test Pile Steel, HP 14 x 73	Each		5	5
Concrete Encasement	Cu. Yd.		30.5	30.5
Name Plates	Each	1		1
Furnishing and Erecting Precast Concrete Bulb T-Beams, 63"	Foot	2252		2252
Pipe Underdrains for Structures, 4"	Foot		159	159
Geocomposite Wall Drain	Sa. Yd.		123	123
Temporary Soil Retention System	Sq. Ft.		320	320
Stone Riprap, Class A5	Sq. Yd.		1603	1603
Filter Fabric	Sq. Yd.		1603	1603
Underwater Structure Excavation Protection, Location 1	Each		1	1
Underwater Structure Excavation Protection, Location 2	Each		1	1
Underwater Structure Excavation Protection, Location 3	Each		1	1
Parapet Railing	Foot	396		396
Aluminum Railing, Type L	Foot	402		402
Bridge Deck Grooving	Sq. Yd.	1663		1663
Mechanical Splice	Each		162	162
Permanent Bench Marks	Each		1	1
Asbestos Bearing Pad Removal	Each	44		44

TOTAL BILL OF MATERIAL

INDEX OF SHEETS

General Plan & Elevation

General Notes & Total Bill of Material

Stage Construction Details

Temporary Concrete Barrier

Top of Slab Elevations

Top of Slab Elevations S. Approach Pavement

Top of Slab Elevations N. Approach Pavement

11-12 Superstructure

13-14 Superstructure Details

15 - 16 Diaphragm Details

17-18 Bridge Approach Slab Details Parapet Railing

20 Aluminum Railing, Type L

21 Framing Plan

22-26 PPC Beam Details 27 South Abutment

28 North Abutment

29 Pier 1

30 Pier 2 31

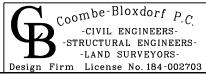
Pier 3 32 Steel Pile Details

Bar Splicer (Coupler) Details

34-36 Boring Logs

The quantities for Protective Coat, Diamond Grinding (Bridge Section) and Bridge Deck Grooving include the Approach Slab areas.

> GENERAL NOTES & TOTAL BILL OF MATERIAL STRUCTURE NO. 010-0287



	PROJECT NO. 06027-3	
	SCALE	s
	9/24/09	١
	DESIGN BY	
	DRAWN BY TFG	,
3	CHECKED BY MCB	

SHEET NO. 2 36 SHEETS

SN 010-0287

TOTAL SHEETS NO. F.A.P. RTE. SECTION COUNTY (137BR)BR CHAMPAIGN 75 | 22 CONTRACT NO. 70428 FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT