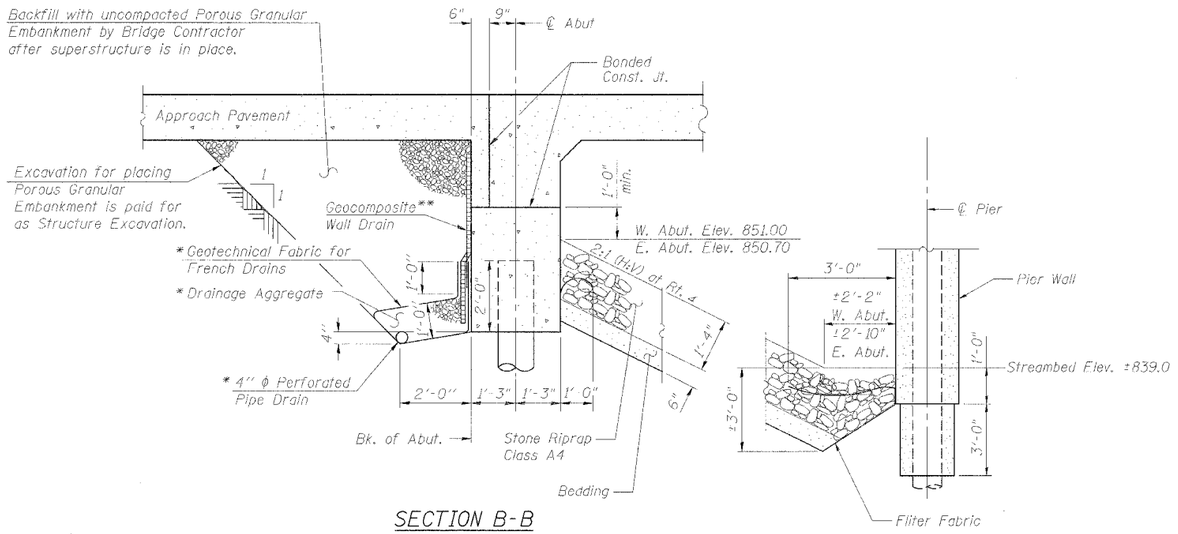
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2
FAU 5345	*	DeKalb	39	18	19 SHEETS
F.A.U. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:			CONTRACT NO. 87339

* 04-00166-00-BR

INDEX OF BRIDGE SHEETS

1. General Plan and Elevation
2. General Notes, Index of Bridge Sheets, Total Bill of Materials, and General Details
3.-5. Superstructure
6.-7. Concrete Bridge Railing
8.-9. Modified Concrete Bridge Railing
10. Parapet Railing
11. West Abutment
12. East Abutment
13. Piers
14. Metal Shell Pile Details
15. Bar Splicer Assembly Details
16.-19. Boring Logs

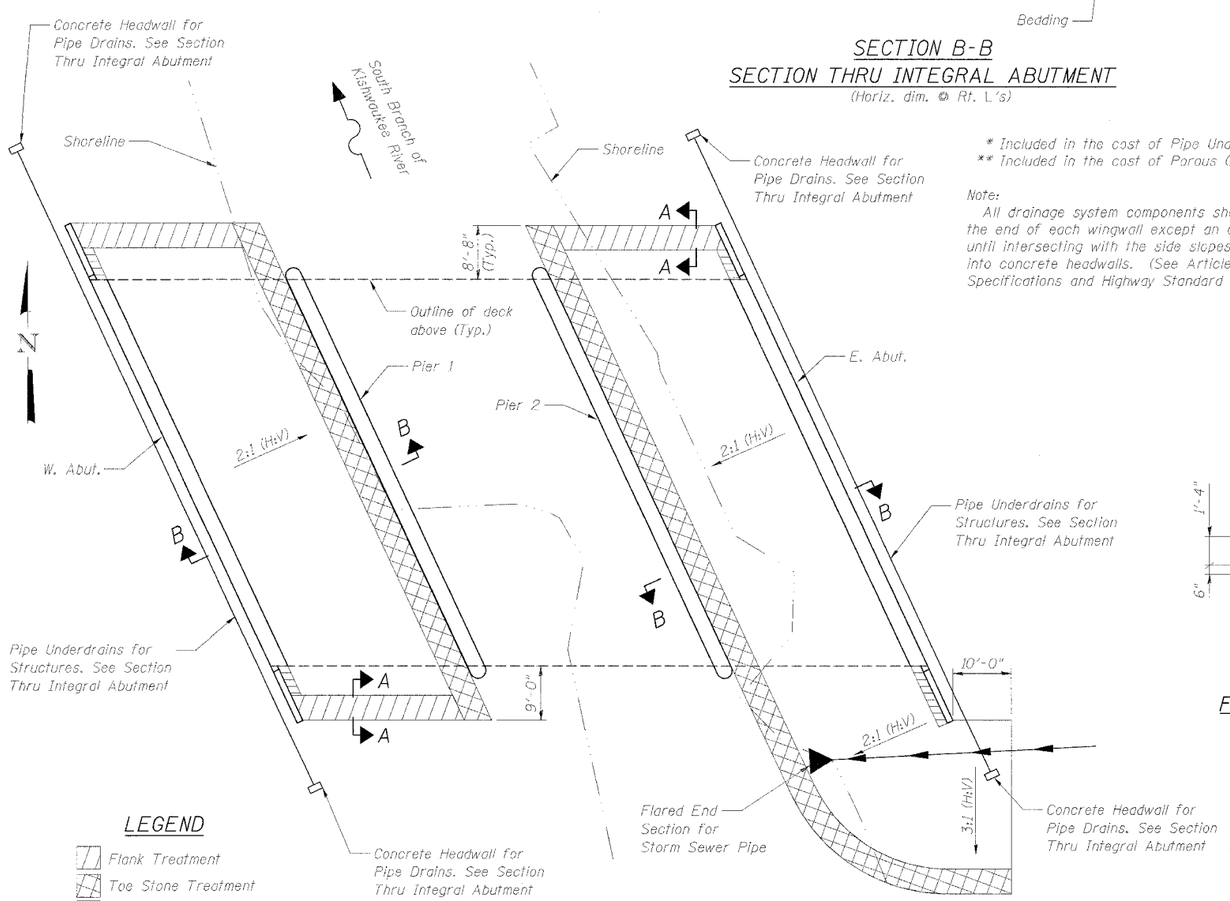


SECTION B-B
SECTION THRU INTEGRAL ABUTMENT

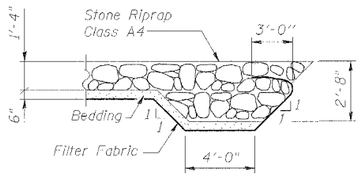
(Horiz. dim. ℄ Rt. L's)

* Included in the cost of Pipe Underdrains for Structures.
** Included in the cost of Porous Granular Embankment (Special).

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



RIPRAP LAYOUT PLAN



SECTION A-A
FLANK STONE RIPRAP DETAIL

GENERAL NOTES

All work shall comply with the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2007.

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

Reinforcement bars designated (E) shall be epoxy coated.

Layout of slope protection system and concrete headwalls for pipe drainsmay 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.

Protective coat shall be applied to the entire top surface of the bridge deck, top surface of the bridge approach, top surface of the multi-use path, top and inside face of the concrete bridge railing, top and inside face of the modified concrete bridge railing, and top and both faces of the concrete parapet.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.	———	135	135
Stone Riprap, Class A4	Sq. Yd.	———	736	736
Filter Fabric	Sq. Yd.	———	850	850
Removal of Existing Structures	L. Sum	———	———	1
Bridge Approach Pavement	Sq. Yd.	424	———	424
Pipe Underdrains for Structures 4"	Foot	———	226	226
Structure Excavation	Cu. Yd.	———	296	296
Structure Excavation Protection for Pile Bents	Each	———	2	2
Concrete Structures	Cu. Yd.	———	246.8	246.8
Concrete Superstructure	Cu. Yd.	418.0	———	418.0
Bridge Deck Grooving	Sq. Yd.	579	———	579
Protective Coat	Sq. Yd.	1411	———	1411
Floor Drains	Each	4	———	4
Reinforcement Bars, Epoxy Coated	Pound	75,760	23,330	99,090
Bar Splicers	Each	128	———	128
Parapet Railing	Foot	161	———	161
Furnishing Metal Shell Piles 12"	Foot	———	1980	1980
Furnishing Metal Shell Piles 14"	Foot	———	945	945
Driving Piles	Foot	———	2925	2925
Test Pile Metal Shells	Each	———	4	4
Name Plates	Each	1	———	1
Concrete Bridge Railing	Foot	104	———	104
Modified Concrete Bridge Railing	Foot	104	———	104
Permanent Survey Markers, Type 1	Each	———	1	1

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GENERAL NOTES, INDEX OF BRIDGE SHEETS, TOTAL BILL OF MATERIALS, AND GENERAL DETAILS

FAIRVIEW DRIVE BRIDGE OVER
SOUTH BRANCH OF KISHWAUKEE RIVER
FAU 5345
SECTION 04-00166-00-BR
DEKALB, ILLINOIS
STRUCTURE NUMBER 019-6106
STATION 18+34.34

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JOB NO. 06R1555

DATE 11/05/07