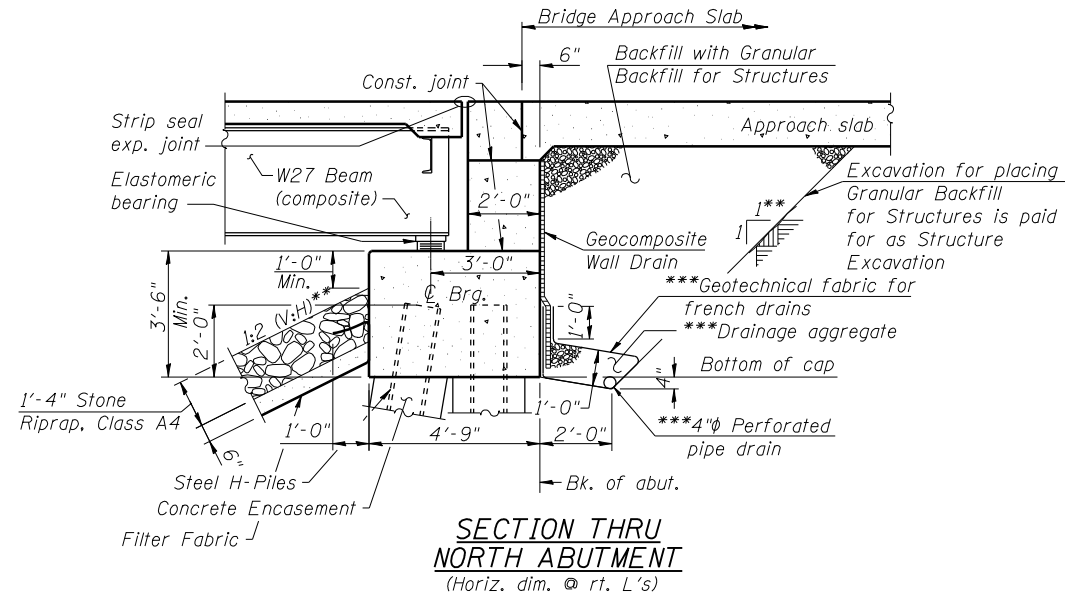


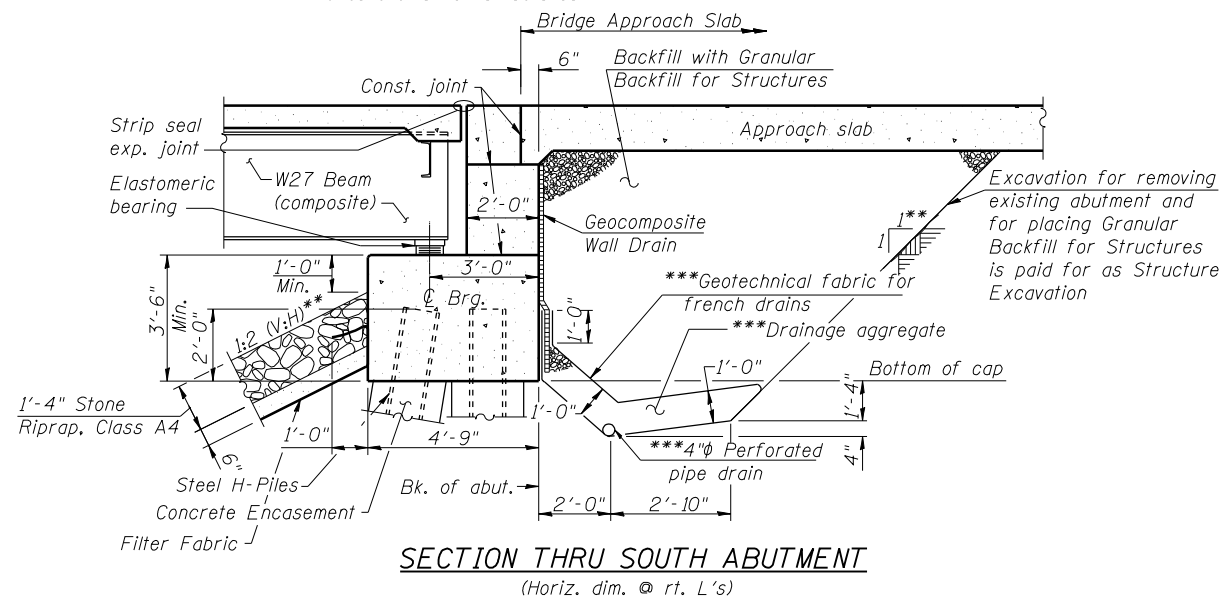
GENERAL NOTES

1. Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts 7/8" dia., holes 15/16" dia., unless otherwise noted.
2. Calculated weight of structural steel = 119,630 lbs. (AASHTO M270 Gr. 50)
= 14,770 lbs. (AASHTO M270 Gr. 36)
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars designated (E) shall be epoxy coated.
5. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
6. Concrete Sealer shall be applied to the designated areas of the abutments.
7. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
8. The Inorganic Zinc Rich Primer/Acrylic/Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be gray, Munsell No. 5B 7/1.
9. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
10. Slipforming of the parapets is not allowed.



Note: All drainage system components shall extend parallel to the abutment back wall until they intersect the wingwalls. The pipe shall extend under the wingwalls until 2'-0" from intersecting the side slopes. The pipe shall be run down the slope to the toe of slope and drain into conc. headwalls (See Article 601.05 of the Std. Spec's. and Hwy. Std. 60110). The horizontal pipe will be paid for as Pipe Underdrains for Structures 4", and the sloped pipe will be paid for as Pipe Drains 4", see roadway plans.

**@ Rt. L's
***Included in the cost of Pipe Underdrains for Structures 4"



TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4	Sq. Yd.	-	1805	1805
Filter Fabric	Sq. Yd.	-	1805	1805
Removal of Existing Structures	Each	-	-	1
Structure Excavation	Cu. Yd.	-	800	800
Cofferdam Excavation	Cu. Yd.	-	520	520
Cofferdam (Type 2) (Location-1)	Each	-	1	1
Cofferdam (Type 2) (Location-2)	Each	-	1	1
Floor Drains	Each	16	-	16
Concrete Structures	Cu. Yd.	-	318.0	318.0
Concrete Superstructure	Cu. Yd.	348.9	-	348.9
Bridge Deck Grooving	Sq. Yd.	923	-	923
Concrete Encasement	Cu. Yd.	-	12.0	12.0
Protective Coat	Sq. Yd.	1160	-	1160
Furnishing and Erecting Structural Steel	L. Sum	1	-	1
Stud Shear Connectors	Each	3978	-	3978
Reinforcement Bars, Epoxy Coated	Pound	83270	28850	112120
Bar Splicers	Each	798	220	1018
Furnishing Steel Piles HP14x89	Foot	-	1320	1320
Driving Piles	Foot	-	620	620
Test Pile Steel HP14x89	Each	-	2	2
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	92	-	92
Elastomeric Bearing Assembly, Type I	Each	12	-	12
Anchor Bolts, 3/4"	Each	-	48	48
Concrete Sealer	Sq. Ft.	-	994	994
Geocomposite Wall Drain	Sq. Yd.	-	54	54
Granular Backfill for Structures	Cu. Yd.	-	141	141
Drainage Scuppers, DS-11	Each	4	-	4
Temporary Sheet Piling	Sq. Ft.	-	380	380
Pipe Underdrains for Structures 4"	Foot	-	190	190
Setting Piles in Rock	Each	-	20	20
Temporary Soil Retention System	Sq. Ft.	-	100	100

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PLOT SCALE = 1/4" = 1'-0"	DRAWN - DWH/HAS 05/11	REVISED -
PLOT DATE = 6/10/2014 8:47:09 AM	CHECKED - ELH 01/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
STRUCTURE NO. 093-0025**

SHEET NO. 2 OF 31 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(12,B2)B-1	WABASH	68	22
CONTRACT NO. 74219			ILLINOIS FED. AID PROJECT	