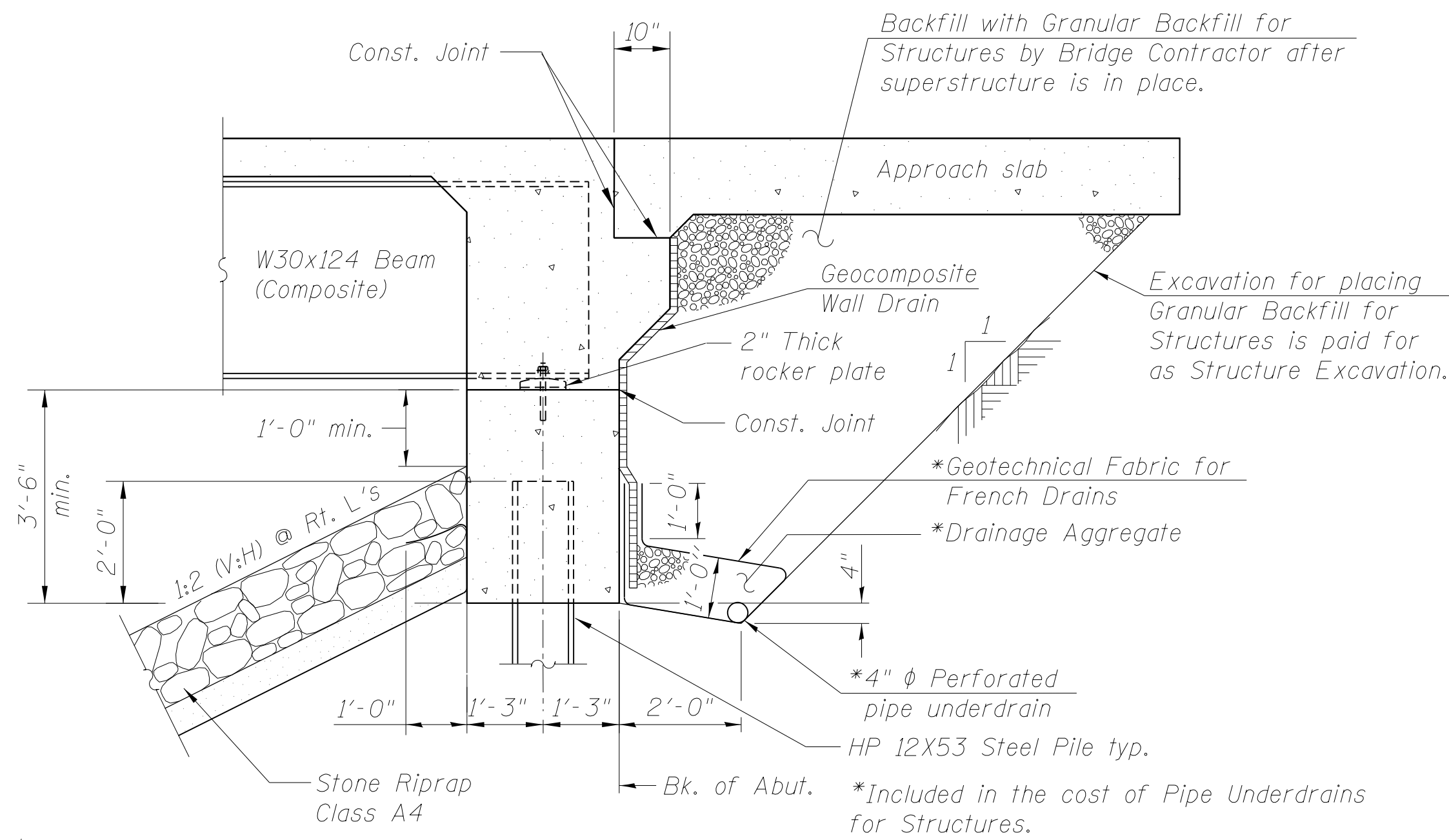


**GENERAL NOTES**

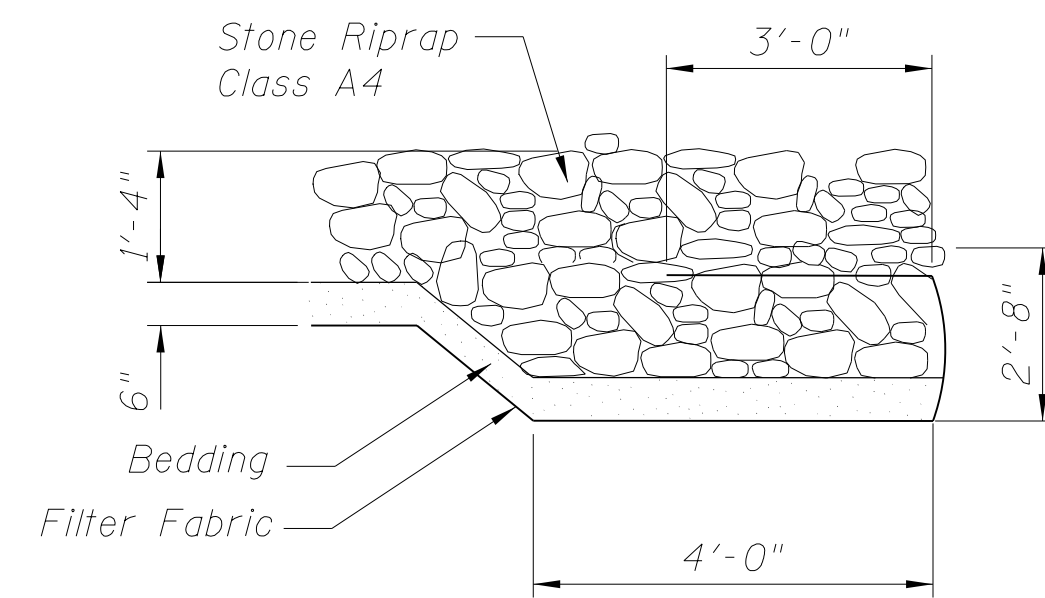
- Fasteners shall be ASTM A325, Type 1, mechanically galvanized bolts in painted areas, ASTM A325 Type 3 in unpainted areas, Bolts  $\frac{5}{8}$ "  $\phi$ , holes  $\frac{5}{16}$ "  $\phi$ , unless otherwise noted.
- Calculated weight of Structural Steel = 162,150 lbs
- All structural steel shall be AASHTO M 270 Grade 50W.
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of  $\frac{1}{8}$  in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- Structural steel shall only be painted for a distance equal to the depth of embedment into the concrete cap plus 3 inches. Painted areas shall be primed in the shop with a Department approved zinc rich primer. Field painting will not be required.
- Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
- The Contractor shall retain the services of an engineering firm, prequalified in the IDOT consultant selection category of Highway Bridges, for preparation of the Structural Assessment Report(s). Contractor's pre-approval shall not be applicable for this project. See Special Provision.
- Current Ratings on File for Existing Structure  
Inventory: HS 6  
Operating: HS 10  
Live Load Restrictions: None  
Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS Loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractor's equipment.
- The Contractor is advised that the existing structure contains members with longitudinal cracks that are supported by temporary shoring that are in a 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 the complete or partial removal, or replacement of the structure. An Existing Structure Information Package is available upon request as noted in the special provisions.



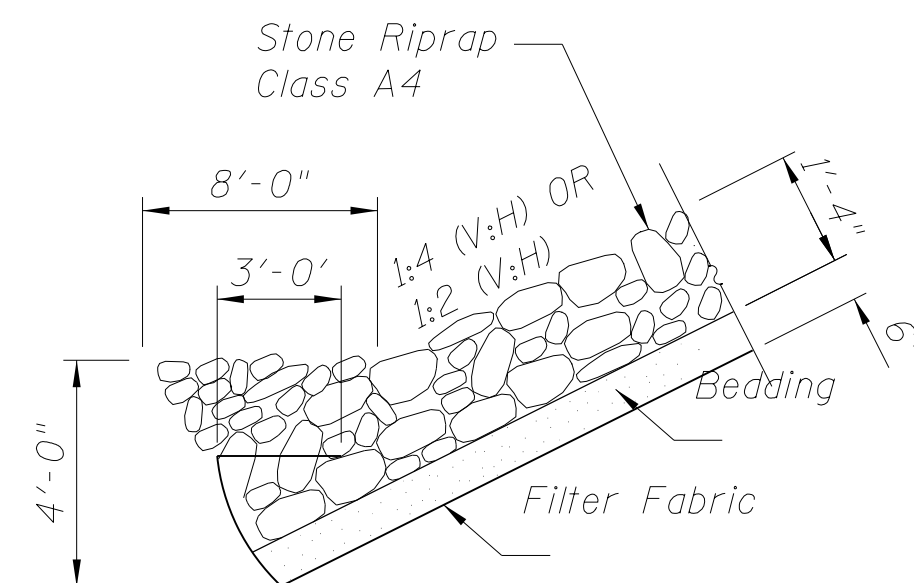
**SECTION THRU INTEGRAL ABUTMENT**

(Horiz. dim. @ Rt. L's)

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  
ANCHOR WALL THRU FLANK**



**SECTION B-B  
THRU TOE**

See sheet S01 of S25 for Sections A-A and B-B.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4	Sq. Yd.	-	3255	3255
Filter Fabric	Sq. Yd.	-	3255	3255
Removal of Existing Structures No. 1	Each	-	-	1
Structure Excavation	Cu. Yd.	-	258	258
Cofferdam Excavation	Cu. Yd.	-	353	353
Cofferdam (Type 2) (Location-1)	Each	-	1	1
Cofferdam (Type 2) (Location-2)	Each	-	1	1
Floor Drains	Each	6	-	6
Concrete Structures	Cu. Yd.	-	170.0	170.0
Concrete Superstructure	Cu. Yd.	364.5	-	364.5
Bridge Deck Grooving	Sq. Yd.	940	-	940
Seal Coat Concrete	Cu. Yd.	-	106.2	106.2
Concrete Encasement	Cu. Yd.	-	4.2	4.2
Protective Coat	Sq. Yd.	1177	-	1177
Furnishing and Erecting Structural Steel	L.Sum	1	-	1
Stud Shear Connectors	Each	4824	-	4824
Reinforcement Bars, Epoxy Coated	Pound	90,830	20,750	111,580
Bar Splicers	Each	727	262	989
Furnishing Steel Piles HP 12X53	Foot	-	600	600
Furnishing Steel Piles HP 14X73	Foot	-	610	610
Driving Piles	Foot	-	1210	1210
Test Pile Steel HP 12X53	Each	-	2	2
Test Pile Steel HP 14X73	Each	-	2	2
Name Plates	Each	1	-	1
Anchor Bolts, 1"	Each	24	-	24
Anchor Bolts, 1 1/4"	Each	24	-	24
Geocomposite Wall Drain	Sq. Yd.	-	79	79
Granular Backfill for Structures	Cu. Yd.	-	132	132
Temporary Sheet Piling	Sq. Ft.	-	2363	2363
Pipe Underdrains for Structures 4"	Foot	-	158	158

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USER NAME = cvm	DESIGNED - OY	REVISED -
FILE NAME = D468757-002-gennote.dgn	CHECKED - DA	REVISED -
PLOT SCALE = 0.0833 ft / in.	DRAWN - CM	REVISED -
PLOT DATE = 5/7/2013	CHECKED - JB	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(119BR) BR	TAZEWELL	80	42
				CONTRACT NO. 68757
ILLINOIS FED. AID PROJECT				