

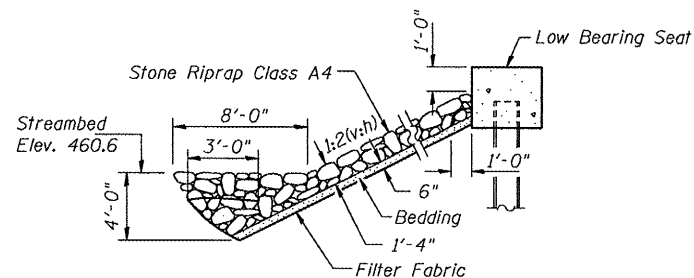
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2
FAP 64	(10B)BR	PEORIA	186	47	22 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #88803

**GENERAL NOTES**

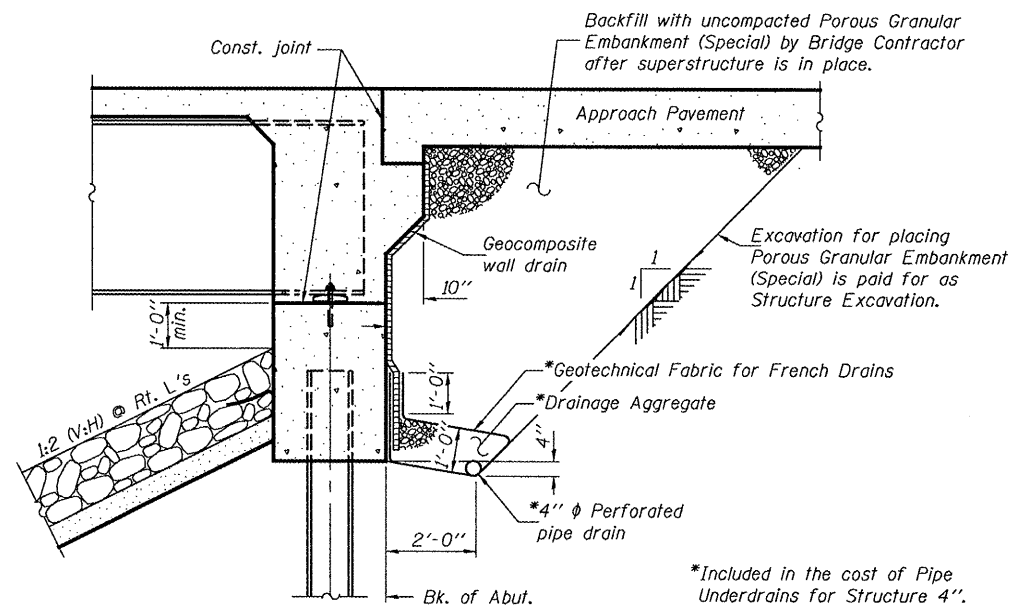
Fasteners shall be AASHTO M 164 Type 1, mechanically galvanized bolts.  
Bolts  $\frac{3}{4}$ "  $\phi$ , open holes  $\frac{5}{16}$ "  $\phi$ , unless otherwise noted.  
Calculated weight of Structural Steel = 179920 Lbs (AASHTO M270 Gr. 50)  
= 7980 Lbs (AASHTO M270 Gr. 36)  
No field welding is permitted except as specified in the contract documents.  
Reinforcement bars shall conform to the requirements of ASTM A 706, Gr 60.  
See Special Provisions.  
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 blue, Munsell No. 10B 3/6. See Special Provision for "Cleaning and Painting New Metal Structures".  
Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.  
The Contractor shall drive two steel HP12x53 test piles to 110% of the nominal required bearing one at the North Abutment and one at the South Abutment or approved by the Engineer before ordering the remainder of piles.  
Reinforcement bars designated (E) shall be epoxy coated.  
Slipforming of the parapets is not allowed.



**STONE RIPRAP ANCHOR DETAIL**

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.		374	374
Temporary Sheet Piling	Sq. Ft.		1049	1049
Concrete Structures	Cu. Yd.		67.4	67.4
Concrete Superstructure	Cu. Yd.	225.4		225.4
Name Plates	Each	1		1
Furnishing and Erecting Structural Steel	L. Sum	1		1
Reinforcement Bars, Epoxy Coated	Pound	41330	9200	50530
Protective Coat	Sq. Yd.	771		771
Furnishing Steel Piles HP12x53	Foot		1,442	1,442
Driving Piles	Foot		1,442	1,442
Test Pile Steel HP12x53	Each		2	2
Bridge Deck Grooving	Sq. Yd.	692		692
Bar Splicers	Each	389	22	411
Stud Shear Connectors	Each	3,105		3,105
Floor Drains	Each	8		8
Porous Granular Embankment (Special)	Cu. Yd.		211	211
Stone Riprap Class A4	Sq. Yd.		595	595
Filter Fabric	Sq. Yd.		595	595
Concrete Encasement	Cu. Yd.		10.6	10.6
Anchor Bolt 1"	Each	60		60
Geocomposite Wall Drain	Sq. Yd.		114	114
Pipe Underdrains for Structures, 4"	Foot		235	235



**SECTION THRU INTEGRAL ABUTMENT**

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).

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong
CHECKED	D.P.C./D.F.Z.

November 13, 2008  
EXAMINED *Thomas J. Donagabki*  
PASSED *Ralph E. Anderson*  
ENGINEER OF BRIDGES AND STRUCTURES

**GENERAL DATA**  
**F.A.P. RTE. 64 - SECTION (10B)BR**  
**PEORIA COUNTY**  
**STATION 80+69.5**  
**STRUCTURE NO. 072-0198**