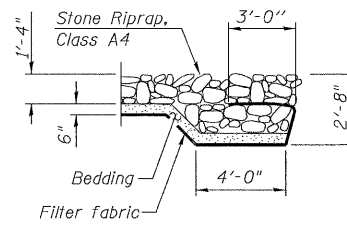
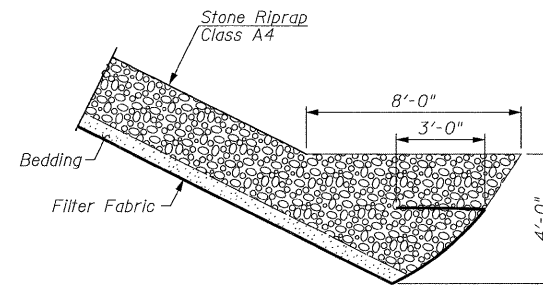


GENERAL NOTES

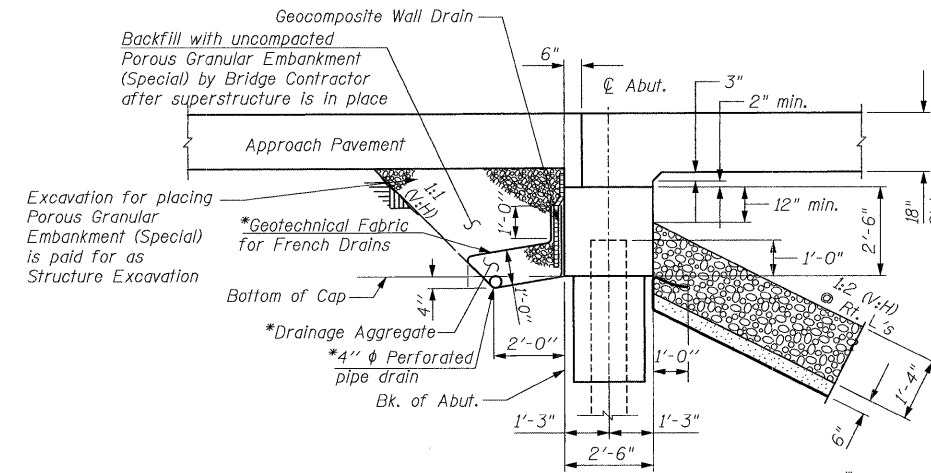
1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
4. The Contractor 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.
5. The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach pavement.
6. A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.
7. See sheet GEN-1, General Notes 26-28 prior to commencing work near existing utilities.



SECTION B-B



SECTION A-A



SECTION THRU 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)

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.	-	63	63
Stone Riprap, Class A4	Sq. Yd.	-	1194	1194
Filter Fabric	Sq. Yd.	-	1283	1283
Removal of Existing Structures	Each	1	-	1
Structure Excavation	Cu. Yd.	-	66	66
Concrete Structures	Cu. Yd.	-	224.4	224.4
Concrete Superstructure	Cu. Yd.	355.7	-	355.7
Bridge Deck Grooving	Sq. Yd.	611	-	611
Concrete Encasement	Cu. Yd.	-	22.4	22.4
Protective Coat	Sq. Yd.	717	-	717
Reinforcement Bars, Epoxy Coated	Pound	70,290	20,740	91,030
Bar Splicers	Each	178	80	258
Name Plates	Each	1	-	1
Geocomposite Wall Drain	Sq. Yd.	-	46	46
Pipe Underdrains for Structures 4"	Foot	-	211	211
Furnishing Steel Piles HP12x53	Foot	-	3,960	3,960
Driving Piles	Foot	-	3,960	3,960
Test Pile Steel HP12x53	Each	-	4	4
Pile Shoes	Each	-	64	64
Temporary Soil Retention System	Sq. Ft.	-	362	362
Underwater Structure Excavation Protection - Location 1	Each	-	1	1
Underwater Structure Excavation Protection - Location 2	Each	-	1	1

FILE NAME = P:_2002\0220019_004\Cadd\Structure\SH022-0181_Final\Sheets\0220181-60B95-002-GEN.DWG

STR-2 OF 26



DESIGNED - LJH	REVISED - 11/24/08
DRAWN - FJD	REVISED -
CHECKED - JSS	REVISED -
DATE - 10/15/08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.P. ROUTE 870 (ILLINOIS 53) OVER EAST BRANCH DUPAGE RIVER	
GENERAL DATA	
SCALE:	SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE. 870	SECTION 533-X-B-R-1	COUNTY DuPAGE	TOTAL SHEETS 87	SHEET NO. 39
CONTRACT NO. 60B95				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				