



**SECTION THRU INTEGRAL 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 60110).

**GENERAL NOTES**

1. 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 slab.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
4. Slipforming of parapets is not allowed.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq. Yd.	-	370	370
Filter Fabric	Sq. Yd.	-	370	370
Removal of Existing Structures	Each	-	-	1
Structure Excavation	Cu. Yd.	-	140	140
Cofferdam Excavation	Cu. Yd.	-	120	120
Cofferdam (Type 1) (Location - 1)	Each	-	1	1
Cofferdam (Type 1) (Location - 2)	Each	-	1	1
Concrete Structures	Cu. Yd.	-	114.7	114.7
Concrete Superstructure	Cu. Yd.	321.7	-	321.7
Bridge Deck Grooving	Sq. Yd.	533	-	533
Protective Coat	Sq. Yd.	682	-	682
Reinforcement Bars, Epoxy Coated	Pound	70470	13750	84220
Bar Splicers	Each	319	140	459
Furnishing Steel Piles HP14x89	Foot	-	1860	1860
Driving Piles	Foot	-	1860	1860
Test Pile Steel HP14x89	Each	-	2	2
Name Plates	Each	1	-	1
Geocomposite Wall Drain	Sq. Yd.	-	44	44
Granular Backfill for Structures	Cu. Yd.	-	66	66
Drainage Scuppers, DS-12M10	Each	4	-	4
Temporary Sheet Piling	Sq. Ft.	-	565	565
Pipe Underdrains for Structures 4"	Foot	-	126	126

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 FILE NAME = 07000027-78230-42-C0-01.dwg



USER NAME = has	DESIGNED - SHL 12/12	REVISED -
ESCA PROJECT NO. 988.12	CHECKED - RDP 03/13	REVISED -
PLOT SCALE = 0:2 ' / IN.	DRAWN - HAS 12/12	REVISED -
PLOT DATE = 8/2/2013 11:35:08 AM	CHECKED - RDP 06/13	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA  
 STRUCTURE NO. 076-0032**

SHEET NO. 2 OF 21 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	112B-1	POPE	56	24
CONTRACT NO. 78230			ILLINOIS FED. AID PROJECT AID	