

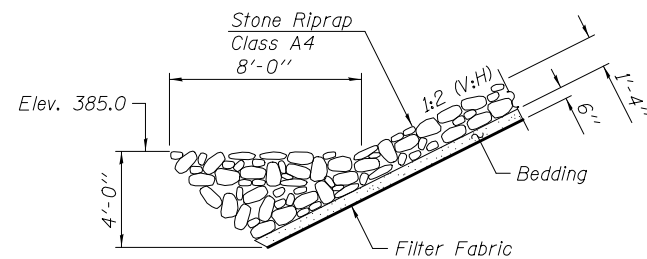
**SECTION THRU PILE SUPPORTED
STUB ABUTMENT**

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

*Included in the cost of Pipe Underdrains for Structures 4".
(See Special Provisions)

Note:

All drainage system components shall extend parallel to the abutment back wall until they intersect the wingwalls. The pipe shall extend under the wingwall, if necessary, until intersecting 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



GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.
Concrete Sealer shall be applied to the abutment seat areas, front face of backwall, and hatch blocks.
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
The concrete for bridge decks finished according to Article 503.16(a) of the Standard Specifications shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The machine used for finishing shall be set parallel to the skew for striking off and screeding the concrete.
Slipforming of the parapet is not allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4	Sq. Yd.		494.3	494.3
Filter Fabric	Sq. Yd.		494.3	494.3
Removal of Existing Structures No. 2	Each	1		1
Structure Excavation	Cu. Yd.		124.4	124.4
Cofferdam Excavation	Cu. Yd.		215.4	215.4
Cofferdam (Type 1) (Location - 1)	Each		1	1
Cofferdam (Type 1) (Location - 2)	Each		1	1
Floor Drains	Each	10		10
Concrete Structures	Cu. Yd.		317.2	317.2
Concrete Superstructure	Cu. Yd.	304.7		304.7
Bridge Deck Grooving	Sq. Yd.	717.0		717.0
Concrete Encasement	Cu. Yd.		6.3	6.3
Protective Coat	Sq. Yd.	883.0		883.0
Furnishing and Erecting Precast Prestressed Concrete I-Beams, 36 in.	Foot	718.5		718.5
Reinforcement Bars, Epoxy Coated	Pound	73,130	20,480	93,610
Bar Splicers	Each	102		102
Furnishing Steel Piles HP12x74	Foot		1,679	1,679
Driving Piles	Foot		1,679	1,679
Test Pile Steel HP12x74	Each		1	1
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	106		106
Elastomeric Bearing Assembly, Type I	Each	12		12
Anchor Bolts, 1"	Each	24		24
Concrete Sealer	Sq. Ft.		301	301
Geocomposite Wall Drain	Sq. Yd.		72.5	72.5
Drainage Scuppers, DS-11	Each	2		2
Pipe Underdrains for Structures 4"	Foot		120	120
Granular Backfill for Structures	Cu. Yd.		132	132

DESIGNED - MARK D. SHAFFER	EXAMINED	DATE - JANUARY 24, 2014
CHECKED - STEPHEN M. RYAN	PASSED	
DRAWN - MICHAEL B. MOSSMAN		
CHECKED - F.T. / G.R.A.		


 ACTING ENGINEER OF BRIDGE DESIGN

 ACTING ENGINEER OF BRIDGES AND STRUCTURES

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
STRUCTURE NO. 100 - 0081**

SHEET NO. 2 OF 26 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9588	39B-2	WILLIAMSON	224	95
			CONTRACT NO. 78277	
ILLINOIS FED. AID PROJECT				