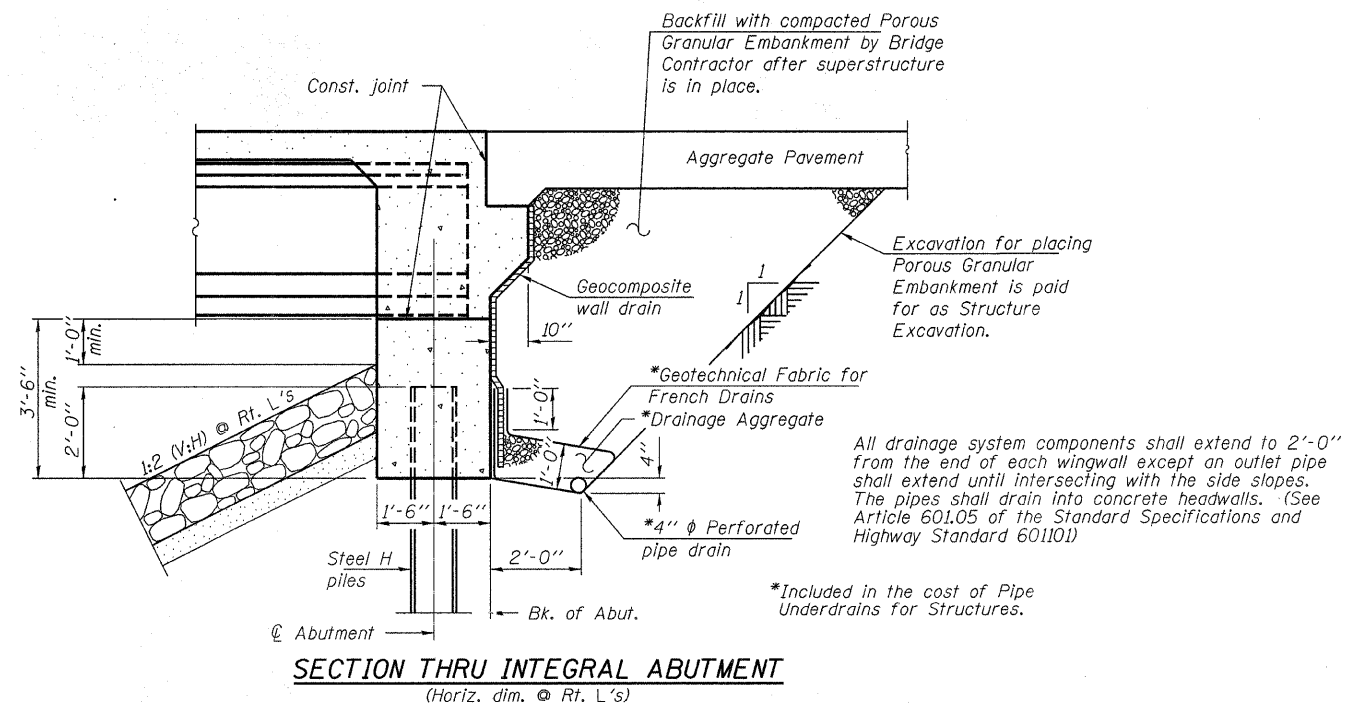


**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment	Cu. Yd.			240
Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.		424	424
Concrete Structures	Cu. Yd.		44.6	44.6
Concrete Superstructure	Cu. Yd.	173.7		173.7
Bridge Deck Grooving	Sq. Yd.	316		316
Concrete Encasement	Cu. Yd.		5.2	5.2
Protective Coat	Sq. Yd.	424		424
Furnishing & Erecting P.P.C. Bulb-T Beams 63"	Foot	500		500
Reinforcement Bars, Epoxy Coated	Pound	28,260	9,190	37,450
Furnishing Steel Piles HPI4x73	Foot		256	256
Driving Piles	Foot		136	136
Test Pile Steel HPI4x73	Each		1	1
Pile Shoes	Each		4	4
Steel Sheet Piling	Sq. Yd.			544
Name Plates	Each	1		1
Geocomposite Wall Drain	Sq. Yd.		102	102
Concrete Headwall for Pipe Drains	Each			4
Pipe Underdrains for Structures 4"	Foot		200	200
Grouted Riprap	Sq. Yd.			1,140
Setting Piles in Rock	Each		5	5

**GENERAL NOTES**

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.  
 Reinforcement bars designated (E) shall be epoxy coated.  
 Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.  
 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.  
 Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.  
 The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.



**SECTION THRU INTEGRAL ABUTMENT**  
 (Horiz. dim. @ Rt. L's)

DESIGNED - S.M.S.
CHECKED - M.D.C.
DRAWN - D.A.B.
CHECKED - S.W.M.

**GENERAL NOTES AND  
 BILL OF MATERIAL  
 STRUCTURE NO. 102 - 3210**

<b>HAMPTON, LENZINI &amp; RENWICK, INC.</b> CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS  <b>HLR</b> 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400 PROJECT NUMBER: 07.0373.130      DATE: 02/02/09	SHEET NO. 2	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16 SHEETS	50	05-08145-00-BR	WOODFORD	47	30
			METAMORA ROAD DISTRICT	CONTRACT NO. 89448		
			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		