

**GENERAL NOTES**

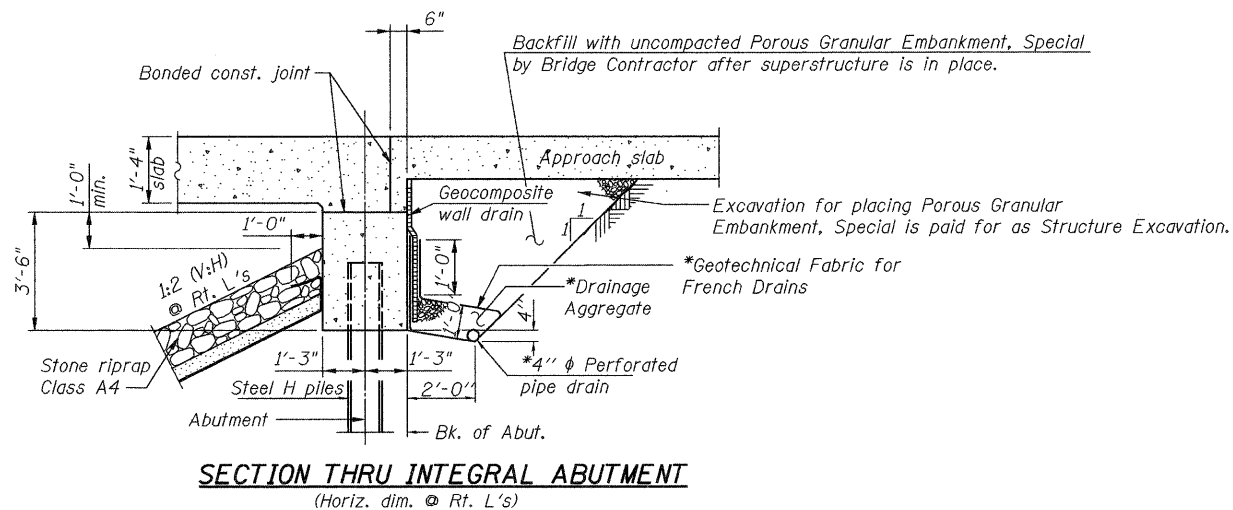
1. Reinforcement bars shall conform to the requirements of ASTM A706 Gr. 60. See Special Provision.
2. Reinforcement Bars designated (E) shall be epoxy coated.
3. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
4. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
5. The contractor is advised that the existing superstructure is in a deteriorated condition with reduced load carrying capacity. It is the contractor's responsibility to account for the condition of the beams when developing construction procedures for removal and replacement of the superstructure.
6. Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage 1 Removal to ensure the remaining portion will not be prematurely damaged.
7. 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.

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**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special	Cu. Yd.		59	59
Stone Riprap, Class A4	Sq. Yd.		492	492
Filter Fabric	Sq. Yd.		492	492
Removal of Existing Structures	Each		1	1
Structure Excavation	Cu. Yd.		650	650
Floor Drains	Each	6		6
Concrete Structures	Cu. Yd.		132.8	132.8
Concrete Superstructure	Cu. Yd.	268		268
Bridge Deck Grooving	Sq. Yd.	450		450
Concrete Encasement	Cu. Yd.		9.8	9.8
Protective Coat	Sq. Yd.	596		596
Reinforcement Bars, Epoxy Coated	Pound	64,810	12,280	77,090
Bar Splicers	Each	279	162	441
Furnishing Steel Piles, HP12x53	Ft.		1045	1045
Driving Piles	Ft.		1045	1045
Test Pile Steel, HP12x53	Each		2	2
Temporary Sheet Piling	Sq. Ft.		1362	1362
Name Plates	Each	1		1
Geocomposite Wall Drain	Sq. Yd.		40	40
Pipe Underdrains For Structures, 4"	Ft.		104	104
Underwater Structure Excavation Protection - Location 1	Each		1	1
Underwater Structure Excavation Protection - Location 2	Each		1	1



\* Included in the cost of Pipe Underdrains for Structures.

Note:  
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).



FILE NAME = ... \3938-0220-66960-002-gnts.dgn	USER NAME = rgr:mm	DESIGNED - JDC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, INDEX OF SHEETS AND TOTAL BILL OF MATERIAL STRUCTURE NO. 038-0220</b>	F.A.P. RTE. 681	SECTION (117) BR-1	COUNTY IROQUOIS	TOTAL SHEETS 41	SHEET NO. 13	
PLOT SCALE = #SCALE#	DRAWN - MRW	CHECKED - JMS	REVISED -			CONTRACT NO. 66960					
PLOT DATE = 01/24/2011	CHECKED - JDC	REVISED -	REVISED -			SHEET NO. 2 OF 22 SHEETS					
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

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