

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO. 2
FAI-55	**	WILL	505	375	16 SHEETS
FED. ROAD EST. NO. 7	ILLINOIS	FED. ROAD PROJECT			

\*\* SECTION 2006-032 BY  
CONTRACT NO. 60B86

**GENERAL NOTES:**

- Reinforcement bars shall conform to the requirements of AASHTO M 31M or M 322 Grade 60.
- Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
- The Contractor shall make allowance for the deflection for forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection.
- Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
- The contractor shall drive one HP10x42 test pile in a permanent location at each substructure element as directed by the Engineer before ordering the remainder of piles.
- All Construction joints shall be bonded.

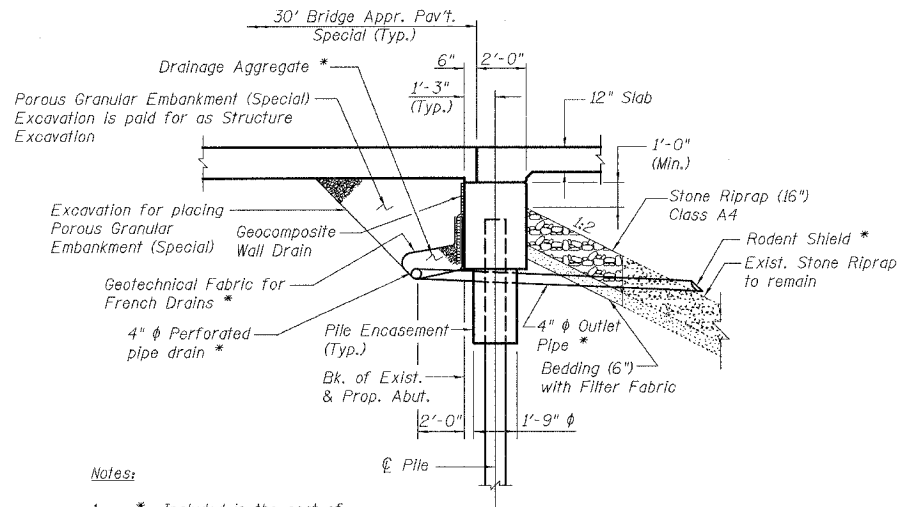
**INDEX OF SHEETS**

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**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special	Cu. Yd.		45	45
Stone Riprap, Class A4	Sq. Yd.		15	15
Filter Fabric	Sq. Yd.		15	15
Concrete Removal	Cu. Yd.	31.2	7	38.2
Structure Excavation	Cu. Yd.		65	65
Floor Drains	Each	6		6
Preformed Joint Seal, 2 1/2"	Foot	77		77
Concrete Structures	Cu. Yd.		57.3	57.3
Concrete Superstructure	Cu. Yd.	109.5		109.5
Bridge Deck Grooving	Sq. Yd.	212		212
Protective Coat *	Sq. Yd.	1,061		1,061
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.		10.0	10.0
Reinforcement Bars, Epoxy Coated	Pound	33,290	5,640	38,930
Furnishing Steel Piles HP10x42	Foot		375	375
Driving Steel Piles HP10x42	Foot		375	375
Test Pile Steel HP10x42	Each		4	4
Metal Shoes	Each		12	12
Temporary Sheet Piling	Sq. Ft.		422	422
Name Plates	Each	2		2
Epoxy Crack Sealing	Foot		13	13
Geocomposite Wall Drain	Sq. Yd.		20	20
Pipe Underdrains For Structures 4"	Foot		73	73
Conduit Embedded in Structure, 2" Dia., Galvanized Steel	Foot	154		154
Underwater Structure Excavation Protection - Pier 1	Each		1	1
Underwater Structure Excavation Protection - Pier 2	Each		1	1

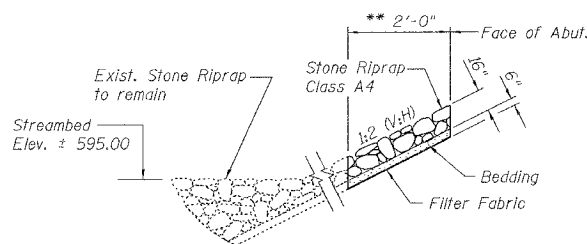
\* Quantity shown includes existing construction.  
Apply in accordance with Section 503.19 of the standard specifications.



**Notes:**

- \* Included in the cost of Pipe Underdrains for Structures.
- Connect 4"  $\phi$  Perforated Pipe Drain to 4"  $\phi$  Outlet Pipe and extend until it intersects and passes through slopewall. The end of the Outlet Pipe shall be protected by a permanent Rodent Shield. Rodent Shield shall be according to Section 601 of the Standard Specifications and cost shall be included with Pipe Underdrain for Structures, 4".

**SECTION THRU ABUTMENTS**  
(Dimension @ Rt. L's)



**STONE RIPRAP TREATMENT**  
(Dimension @ Rt. L's)

\*\* Remove and reconstruct 2'-0" of the existing Stone Riprap for construction of the proposed abutment widening.

STATION 630+07.11  
REBUILT BY  
STATE OF ILLINOIS  
FAI RT. 55 SEC. 2006-032 BY  
LOADING HS20 & ALT.  
STR. NO. 099-4615

**NAME PLATE**  
See Std. 515001

**Notes:**

- The new name plate for the NB & SB structures shall be located next to the existing name plate. The name plate shall be attached to the existing concrete using concrete anchors and set in a bed of epoxy. Concrete anchors and epoxy shall be subject to approval of the Engineer. Cost included with Name Plate.

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FAI RT. 55 SEC. 2006-032 BY  
LOADING HS20 & ALT.  
STR. NO. 099-4616

**NAME PLATE**  
See Std. 515001

DESIGNED	S.CHELBIAN
CHECKED	J.GRAINAWI
DRAWN	S.CHELBIAN
CHECKED	J.GRAINAWI

Date: 7/21/2006



GENERAL NOTES &  
BILL OF MATERIAL  
I-55 OVER MINK CREEK  
FAI ROUTE 55-SEC. 2006-032 BY  
WILL COUNTY  
STA. 630+07.11  
STRUCTURE NO. 099-4615 (NR)  
STRUCTURE NO. 099