

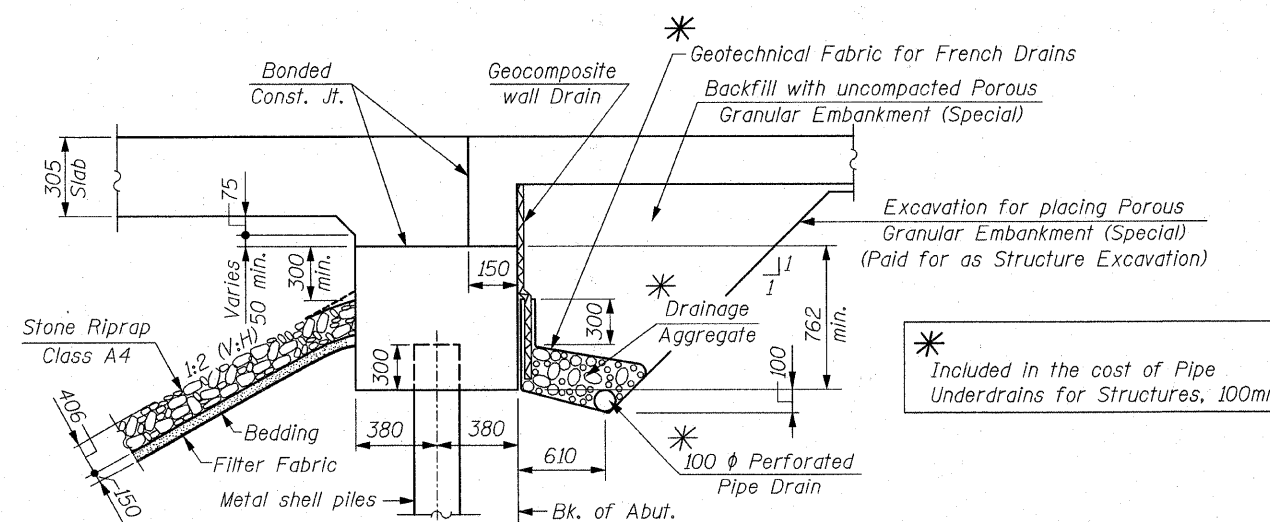
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	1Y-B-R-1	LAKE	72	49
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62032				

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special	Cu. m	-	57	57
Stone Riprap, Class A4	Sq. m	-	853	853
Filter Fabric	Sq. m	-	846	846
Structure Excavation	Cu. m	-	176	176
Removal of Existing Structures	Each	-	-	1
Concrete Structures	Cu. m	171.2	-	171.2
Concrete Superstructure	Cu. m	213.2	-	213.2
Bridge Deck Grooving	Sq. m	427	-	427
Protective Coat	Sq. m	636	-	636
Reinforcement Bars, Epoxy Coated	kg	28,990	11,980	40,970
Furnishing Metal Shell Piles 305mmx4.55mm	m	-	1,298	1,298
Driving Piles	m	-	1,298	1,298
Test Piles Metal Shell	Each	-	4	4
Name Plates	Each	1	-	1
Pipe Underdrains for Structures 100 mm	m	-	61	61
Geocomposite Wall Drain	Sq. m	-	50	50
Underwater Structure Excavation Protection-Location 1	Each	-	1	1
Underwater Structure Excavation Protection-Location 2	Each	-	1	1
Temporary Sheet Piling	Sq. m	71	-	71
Bar Splicers	Each	135	72	207
Concrete Encasement	Cu. m	-	14	14
Floor Drains	Each	2	-	2
Aluminum Railing, Type L	m	17.982	-	17.982
Bicycle Railing	m	22.960	-	22.960
Parapet Railing	m	22.960	-	22.960

GENERAL NOTES:

1. Layout of Slope Protection may be varied to suit ground conditions in the field as directed by the Engineer.
2. For Pavement Removal and Channel Excavation between existing and new abutments, see Roadway Plans.
3. For Cleaning Out and Reshaping Channel, see Roadway Plans. Removal of existing debris in the Channel is included with Pay Item for "Channel Excavation".
4. 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.
5. 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 Pavement.
6. Reinforcement Bars shall conform to the requirements of ASTM A 706m GR. 400 (IL Modified) See Special Provisions.
7. Reinforcement Bars designated (E) shall be Epoxy Coated.



SECTION THRU ABUTMENT

NOTES:

All Drainage System Components shall extend to 600mm from the end of each Wingwall except an Outlet Pipe shall extend until intersecting with the Side Slopes.

The Pipes shall drain into the Concrete Headwalls (See Article 601.05 of The Standard Specifications and Highway Standard 601101)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES & TOTAL BILL OF MATERIAL
 U.S. RTE. 45 / IL. RTE. 21
 OVER
 APTAKISIC CREEK
 F.A.P. RTE. 330 SECTION: 1Y-B-R-1
 LAKE COUNTY STATION 10+000.000
 STRUCTURE NO. 049-0194
 SCALE: NONE DRAWN BY: D.L./F.M.
 DATE: OCTOBER 16, 2007 CHECKED BY: B.N.S.
CHRISTIAN-ROGE & ASSOC., INC.
 CHICAGO ILLINOIS

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