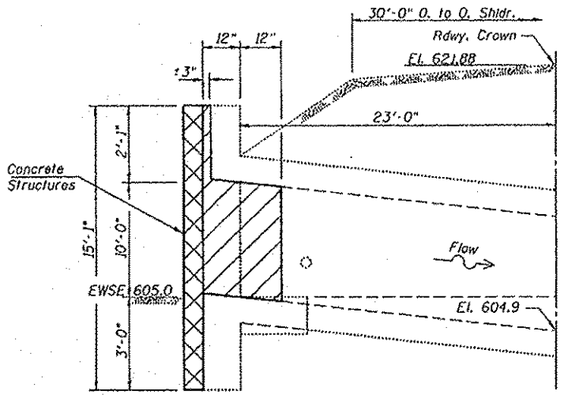
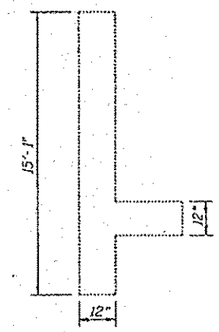
REINFORCED CONCRETE BOX CULVERT

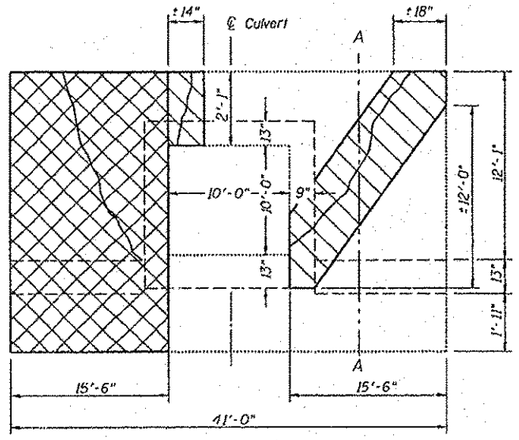


HALF ELEVATION
(Looking East)

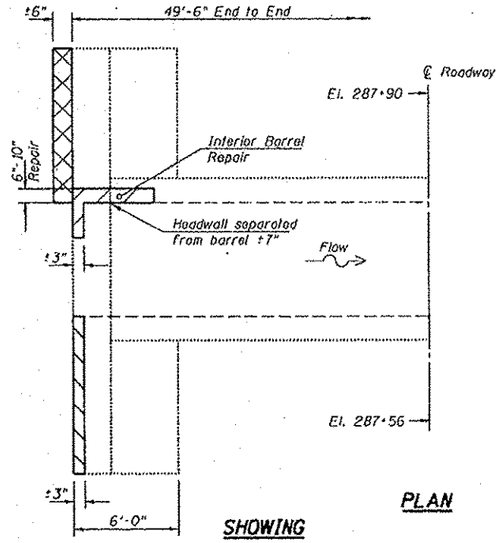


SECTION A-A

Class A concrete to be throughout. Proportions 1:2½:4.



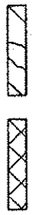
END ELEVATION
(Looking South at Inlet)



PLAN

SHOWING OUTLINES

LEGEND



Proposed Structural Repair of Concrete

Proposed Sheet Piling and Concrete Headwall

GENERAL NOTES

The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines and other utilities as shown on the plans are based on careful field investigation and the best information available, but they are not guaranteed. Unless elevations are shown --- all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR permit number as shown in the contract plans.

Any damage or disturbance of the stream and headwall embankments or slopes leading to and including existing gabion baskets, shall be restored to original conditions. Costs included with Structural Repair of Concrete.

The Contractor shall be responsible for diverting the water from the construction area using an accepted method of dewatering as shown in the Plan and approved by the Engineer. See Dewatering Special Provision.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Structures	CuYd	4.5
* Protective Coat	SqYd	77
Permanent Steel Sheet Piling	SqFt	564
Structural Repair of Concrete (depth equal to or less than 5 inches)	SqFt	435
Structural Repair of Concrete (depth greater than 5 inches)	SqFt	25

* estimated quantity included in cost of Structural Repair of Concrete (See Special Provisions)

FILE NAME = S:\GEN\DRAFT\STD&PLNS\SQUAD14\Winter Projects\KYLE\68A29.dgn	USER NAME = jonesca	DESIGNED - CEJ	REVISED -
		DRAWN - CEJ	REVISED -
	PLOT SCALE = 188.3888 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 7/17/2012	DATE - 06/26/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED REPAIRS
CULVERT NO. 066S17m05.150

SCALE: _____ SHEET NO. __ OF __ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123)I	MERCER	14	10
CONTRACT MAINTENANCE REPAIR		CONTRACT NO. 68A29		
		ILLINOIS FED. AID PROJECT		