

**ALLEGAN COUNTY DRAIN COMMISSIONER (ACDC)
MINER LAKE DAM REPLACEMENT**

TASKS AND TIMELINE

Task	Date Due	Completed
ACDC request proposals (RFPs) from professional engineering firms for structure replacement	9/6/2012	✓
RFPs received from engineering firms	10/6/2012	✓
ACDC file Request for Funding Authorization (RFA) with county board to exceed \$10,000	10/1/2012	✓
County Board of Commissioners pass resolution		✓
ACDC award engineering contract to FTC&H of Grand Rapids, MI	11/7/2012	✓
Project kick-off meeting with ACDC and FTC&H	11/14/2012	✓
Soil borings ordered and performed by SME of Kalamazoo, MI	12/17/2012	✓
FTC&H complete preliminary design, analysis, costs and recommendations	1/28/2013	✓
Project progress meeting with ACDC and FTC&H	1/29/2013	✓
FTC&H submit application for MDEQ permit	3/6/2013	✓
MDEQ permit application administratively complete	5/9/2013	✓
MDEQ permit issued	7/12/2013	✓
FTC&H prepare and ACDC obtain permanent easements	2/26/2014	
FTC&H complete final design drawings and specifications for ACDC review	3/7/201 3 4	
FTC&H complete final cost estimate and bidding package	3/21/201 3 4	
ACDC file for municipal finance approval once cost estimate is determined (necessary to borrow funds) and contact legal council to assist in the process		
ACDC publish Advertisement for Bids	3/21/2014	
Bid Letting	4/10/2014	
ACDC prepare Computation of Cost (once construction price is known)	4/15/2014	
ACDC prepare Assessment Roll	4/21/2014	
Day of Review on project assessments (within 30 days after the Bid Letting)	4/30/2014	
Borrowed fund deposited in drain account		
ACDC award construction contract	5/20/2014	

LAST UPDATE: FEBRUARY 4, 2014



**PRELIMINARY
 COMPUTATION OF COST**

Description of Work	Cost
Preliminary and Final Design Services per RFP	\$ 9,900
MDEQ Joint Permit Application Fee	\$ 500
Additional Cost to Geotechnical Subconsultant (SME) for site access and additional 20 lineal feet of soil boring depth	\$ 1,755
Control Survey and Preparation of Three (3) Easements	\$ 1,950
Stake Easement Limits	\$ 943
Property Owner Meeting and Easement Revisions	\$ 962
Bidding (coordination, prebid meeting, addenda, bid tab, recommendation for award)	\$ 2,400
Construction Services (staking, inspection, administration, shop drawings, meetings)	\$ 21,900
Geotechnical Subconsultant (SME) attend precon, construction testing, monitoring (2 days) and reporting	\$ 11,000
TOTAL ENGINEERING	\$ 51,310
ESTIMATED CONSTRUCTION	\$220,000
SUBTOTAL	\$271,310
CONTINGENCY (15%)	\$ 40,690*
TOTAL ENGINEERING AND CONSTRUCTION	\$312,000

*Will be higher dollar amount based on gross sum of expenses in Computation of Cost.