PRELIMINARY ESTIMATE OF COST
Corunna Dam Improvements
Shiawassee County, MI
December 19, 2006
Corunna Dam Repair with Sheeting No Allowment For Water Drawdown

Item No.	Estimated Quantity	Unit	Description	Unit Price	Amount
1.	220	Lin. Ft.	Sheet Piling (32 ft. high sheets behind dam)	$600.00	$132,000.00
2.	80	Lin. Ft.	Upstream Sheet Piling (32 ft. high sheets) (To prevent further bank erosion)	$750.00	$60,000.00
3.	80	Lin. Ft.	Downstream Sheet Piling (32 ft. high sheets) (To close off the mill run)	$750.00	$60,000.00
4.	125	Cu. Yds.	Concrete between sheeting and dam pumped (Steel Reinforcement tied into dam, pumped)	$300.00	$37,500.00
5.	50	Cu. Yds.	Flowable Fill / Foundation Stabilization	$150.00	$7,500.00
6.	1	Lump Sum	Removal of Upper Half of Mill Run	Lump Sum	$12,500.00
7.	850	Cu. Yds.	Embankment (CIP)	$10.00	$8,500.00
8.	1	Lump Sum	Sediment Removal Between Sheeting and Dam (Approximately 125 cubic yards)	Lump Sum	$40,000.00
9.	200	Cu. Yds.	Concrete for Spillway Repair (200' long by 25' wide by 1' thick with footer)	$250.00	$50,000.00
GENERAL SITE WORK					
10.	1	Lump Sum	Site Clearing	Lump Sum	$25,000.00
11.	1	Lump Sum	Cleanup and Restoration	Lump Sum	$15,000.00
12.	125	Sq. Yds.	Heavy Riprap Protection	$85.00	$10,625.00
13.	170	Lin. Ft.	6" CPT with Sock	$30.00	$5,100.00
14.	1	Lump Sum	Water Control	Lump Sum	$30,000.00

SUB-TOTAL CONSTRUCTION COST	**$493,725.00**
Preliminary Design	$13,000.00
Final Design and Permiting	$10,000.00
Bidding Phase	$4,000.00
Construction Administration	$39,000.00
SUB-TOTAL	**$559,725.00**
Contingencies	$56,275.00
TOTAL PRELIMINARY ESTIMATE OF COST	**$616,000.00**