

Table 1
 Preliminary Construction Cost Summary
 Seepage Control, Deterioration Repair, Flood Protection

Structure	Repair Item	Item Cost	Structure Cost
Spillway	U/S Face Concrete Overlay	\$31,917	\$90,788
	Concrete Crest Cap	\$37,500	
	Left Pier	\$17,618	
	Right Pier	\$3,752	
Left Nonoverflow	U/S Horiz. Area Overlay	\$2,346	\$63,053
	U/S Face Concrete Overlay	\$35,164	
	D/S Face Conc. Overlay, Grouted Riprap	\$21,362	
	D/S Concrete Training Wall	\$4,181	
Right Nonoverflow	U/S Face Concrete Overlay	\$34,076	\$37,169
Outlets	Left Outlet: Culvert Concrete Plug	\$942	\$19,942
	Right Outlet: New Culvert and Gate	\$19,000	
Abutments	Erosion Protection	\$10,361	\$10,361
Miscellaneous	Pond Sediment Removal	\$16,667	\$47,667
	Construction Access Roads	4,000	
	Cofferdam and Water Management	\$20,000	
	Construction Easement	\$2,000	
	Erosion and Sediment Control	\$3,000	
	Landscaping: loam, seed, fertilizer	\$2,000	
	Direct Cost Subtotal		\$268,980
	Mobilization (20% of subtotal)	\$53,796	\$94,143
	General Contractor General Conditions (15% of subtotal)	\$40,347	
	Direct Cost Total		\$363,123
	Indirect Cost		\$123,731
	Contingencies (20% of subtotal)	\$53,796	
	Engineering/Construction Adm. (20%)	\$53,796	
	Permitting (6% of subtotal)	\$16,139	
	Indirect Cost Total		\$123,731
	Project Total		\$486,854

Table 2
Preliminary Construction Cost Summary: Seepage Control

Structure	Repair Type	Cost	Structure Cost Total
Spillway	U/S Face Concrete Overlay	\$31,917	\$90,788 \$72,277
	Concrete Crest Cap	\$37,500	
	Left Pier Replacement	\$17,618	
	Right Pier	\$3,752	
	<i>Left pier cavity fill concrete (added)</i>	\$2,859	
Left Nonoverflow	U/S Horiz. Area Overlay	\$2,346	\$63,053
	U/S Face Concrete Overlay	\$35,164	
	D/S Face Conc. Overlay, Grouted Riprap	\$21,362	
	D/S Concrete Training Wall	\$4,181	
	<i>Left d/s block-cavity fill concrete (added)</i>	\$1,185	
Right Nonoverflow	U/S Face Concrete Overlay full length	\$37,169	\$37,169
	<i>U/S Face Concrete Overlay-half length</i>		
Outlets	Left Outlet: Culvert Concrete Plug	\$942	\$19,942
	Right Outlet: New Culvert and Gate	\$19,000	
Abutments	Erosion Protection	\$10,361	\$10,361
Miscellaneous	Pond Sediment Removal	\$16,667	\$50,667
	Construction Access Roads	4,000	
	Cofferdam and Water Management	\$20,000	
	Construction Easement	\$2,000	
	Erosion and Sediment Control	\$3,000	
	<i>Clearing and Grubbing (added)</i>	\$3,000	
	Landscaping: loam, seed, fertilizer	\$2,000	
	Direct Cost Subtotal		\$268,980 \$200,165
	Mobilization (20% of subtotal)	\$53,796 \$40,033	
	General Contractor General Conditions (15% of Subtotal)	\$40,347 \$30,025	\$70,058
	Direct Cost Total		\$363,123 \$270,223
	Indirect Cost		
	Contingencies (20% of subtotal)	\$53,796 \$40,033	
	Engineering/Construction Adm. (20%)	\$53,796 \$40,033	
	Permitting (6% of subtotal)	\$16,139 \$12,010	
	Indirect Cost Total		\$123,731 \$92,076
	Project Total		\$486,854 \$362,299