

**SANTA MARIA SIPHON SUPPORT SYSTEM STABILIZATION PROJECT  
ENGINEER'S COST ESTIMATE**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
<b>SANTA MARIA SIPHON SUPPORT SYSTEM STABILIZATION PROJECT</b>					
1	Mobilization, Demobilization, and Preparatory Work	1	LS	\$12,580	\$12,580
2	Erosion and Sediment Control	1	LS	\$2,000	\$2,000
3	Clearing and Grubbing	1	LS	\$5,000	\$5,000
4	Selective Demolition - Thrust Blocks	1	LS	\$20,000	\$20,000
5	Selective Demolition - Intermediate Supports	1	LS	\$20,000	\$20,000
6	Reinforced Concrete Overlays - Thrust Blocks	13	CY	\$1,500	\$19,800
7	Reinforced Concrete Overlays - Intermediate Blocks	26	CY	\$1,500	\$39,000
8	Fabrication and Installation of Steel Bearing Plates	10	EA	\$500	\$5,000
9	Removal of Loose Rock and Boulders	60	CY	\$250	\$15,000
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$138,380</b>
Allowance for changes after contract (10%)					\$13,838
<b>CONSTRUCTION TOTAL</b>					<b>\$152,218</b>

Note:

1. Total program costs do not include legal fees, permitting, or other owner costs.
2. Estimates assume no access for heavy equipment, resulting in extensive manual labor for rock removal, demolition, and concrete placement