

Table 3
San Antonio Creek Fish Passage Improvements
Alternative B2 - 120' Bridge and Elevated Trail
Engineer's Estimate of Probable Costs

Item No.	Description	Unit	Est. Qty.	Unit Price	Total
1	Mobilization	LS	1	\$ 100,000.00	\$ 100,000
2	Demolition - Existing Culvert Structure, Approaches, and Paved Trail	LS	1	\$ 50,000.00	\$ 50,000
3	Site Work				
	a. Tree Removal and Grubbing	LS	1	\$ 20,000.00	\$ 20,000
	b. Creek Bank and Channel Restoration	LS	1	\$ 20,000.00	\$ 20,000
	c. New Abutment Backfill	CY	200	\$ 50.00	\$ 10,000
	c. Planted Rock Riprap Bank Protection	Tons	200	\$ 110.00	\$ 22,000
	<i>Sub-total for Items 3a thru 3c</i>				\$ 72,000
4	Concrete Work				
	a. (2) Elevated Trail Abutment Footings & Walls	CY	30	\$ 1,500.00	\$ 45,000
	b. (7) Elevated Trail Footings & Piers	CY	80	\$ 1,500.00	\$ 120,000
	c. (2) Bridge Footings and Pier Wall Abutments	CY	20	\$ 1,500.00	\$ 30,000
	<i>Sub-total for Items 4a thru 4c</i>				\$ 195,000
5	Pre-Fab Steel Bridge Trusses (Installed w/Deck & Railings)				
	a. 120' Span x 10' Wide Bridge	CY	1	\$ 150,000.00	\$ 150,000
	b. 60' Span x 10' Elevated Trail Segments	CY	9	\$ 70,000.00	\$ 630,000
	<i>Sub-total for Items 5a and 5b</i>				\$ 780,000
6	Paving (2" AC Overlay)	SF	2000	\$ 5.00	\$ 10,000
7	SWPPP & Erosion Control				
	a. Prepare & Implement SWPPP	LS	1	\$ 5,000.00	\$ 5,000
	b. Dewater/Water management	Days	10	\$ 750.00	\$ 7,500
	c. Site Cleanup & Restoration	LS	1	\$ 10,000.00	\$ 10,000
	<i>Sub-total for Items 6a thru 6c</i>				\$ 22,500
	CONSTRUCTION SUBTOTAL				\$ 1,219,500
8	Final Design	EA	1	\$ 100,000.00	\$ 100,000
9	Environmental Review & Permitting	EA	1	\$ 100,000.00	\$ 100,000
10	Construction Management	EA	1	\$ 100,000.00	\$ 100,000
11	Biological Monitoring /Pre-construction Surveys	EA	1	\$ 50,000.00	\$ 50,000
	PROFESSIONAL SERVICES SUBTOTAL				\$ 350,000
				25% CONTINGENCY	\$ 392,375
	TOTAL PROJECT COST				\$ 1,961,875

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