

**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	<b>Mobilization</b>	LS	1	\$ 100,000.00	\$ 100,000
2	<b>Demolition - Existing Culvert Structure, Approaches, and Paved Trail</b>	LS	1	\$ 50,000.00	\$ 50,000
3	<b>Site Work</b>				
	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>				<b>\$ 72,000</b>
4	<b>Concrete Work</b>				
	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>				<b>\$ 195,000</b>
5	<b>Pre-Fab Steel Bridge Trusses (Installed w/Deck &amp; Railings)</b>				
	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>				<b>\$ 780,000</b>
6	<b>Paving (2" AC Overlay)</b>	SF	2000	\$ 5.00	\$ 10,000
7	<b>SWPPP &amp; Erosion Control</b>				
	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>				<b>\$ 22,500</b>
	<b>CONSTRUCTION SUBTOTAL</b>				<b>\$ 1,219,500</b>
8	<b>Final Design</b>	EA	1	\$ 100,000.00	\$ 100,000
9	<b>Environmental Review &amp; Permitting</b>	EA	1	\$ 100,000.00	\$ 100,000
10	<b>Construction Management</b>	EA	1	\$ 100,000.00	\$ 100,000
11	<b>Biological Monitoring /Pre-construction Surveys</b>	EA	1	\$ 50,000.00	\$ 50,000
	<b>PROFESSIONAL SERVICES SUBTOTAL</b>				<b>\$ 350,000</b>
				<b>25% CONTINGENCY</b>	<b>\$ 392,375</b>
	<b>TOTAL PROJECT COST</b>				<b>\$ 1,961,875</b>

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