

**Underwood Creek Bank Stabilization**  
**Concept-Level Cost Estimate**  
**Alternate A: Bioengineering Bank Stabilization**  
**April 2021**

Item #	Item	Unit	Quantity	Unit Cost	Sub total	Notes
1	MOBILIZATION AND DEMOBILIZATION	LUMP	1	\$ 12,000	\$ 12,000	Assumes 10% of total construction cost, rounded to the nearest thousand. Includes insurance, bonds, onsite facilities, as-builts, etc.
2	EROSION AND SEDIMENT CONTROL	LUMP	1	\$ 5,000	\$ 5,000	Includes but not limited to gravel construction access, silt fence, turbidity curtain, slope (cat) tracking, inlet protection.
3	FLOW MANAGEMENT	LUMP	1	\$ 15,000	\$ 15,000	
4	EARTHWORK	CY	600	\$ 14	\$ 8,400	
5	STONE TOE - COBBLE/GRAVEL	CY	90	\$ 100	\$ 9,000	
6	TOPSOIL	CY	70	\$ 50	\$ 3,500	
7	FABRIC ENCAPSULATED SOIL (FES) LIFTS	FACE FEET	1,300	\$ 45	\$ 58,500	
8	SHRUBS	EACH	120	\$ 70	\$ 8,400	
9	SEEDING	LB	10	\$ 300	\$ 3,000	

<b>Subtotal</b>	<b>\$ 122,800</b>
Cost Range	+/-50%
<b>Max. Project Cost</b>	<b>\$ 184,200</b>