

**Underwood Creek Bank Stabilization**  
**Concept-Level Cost Estimate**  
**Alternate B: Channel Remeander**  
**April 2021**

| Item # | Item                            | Unit | Quantity | Unit Cost | Sub total | Notes  |
|--------|---------------------------------|------|----------|-----------|-----------|--|
| 1      | MOBILIZATION AND DEMOBILIZATION | LUMP | 1        | \$ 15,000 | \$ 15,000 | 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        | \$ 10,000 | \$ 10,000 | 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   | 2,500    | \$ 20     | \$ 50,000 |  |
| 5      | RIFFLE STONE                    | CY   | 220      | \$ 90     | \$ 19,800 |  |
| 6      | SURFACE FABRIC                  | SY   | 1,400    | \$ 12     | \$ 16,800 |  |
| 7      | TOPSOIL                         | CY   | 150      | \$ 50     | \$ 7,500  |  |
| 8      | TREES                           | EACH | 20       | \$ 600    | \$ 12,000 |  |
| 9      | SHRUBS                          | EACH | 200      | \$ 70     | \$ 14,000 |  |
| 10     | SEEDING                         | LB   | 15       | \$ 300    | \$ 4,500  |  |

|                          |                   |
|--------------------------|-------------------|
| <b>Subtotal</b>          | <b>\$ 164,600</b> |
| Cost Range               | +/-50%            |
| <b>Max. Project Cost</b> | <b>\$ 246,900</b> |