

# SW 4th Ave. Road Repair Project

## Preliminary Opinion of Probable Cost - Solder Pile Wall



Date: November 6, 2020  
 Job #: 11216065

| Item | Item Code | Description   | Quantity | Units | Unit Cost | Total              |
|------|-----------|---|----------|-------|-----------|--------------------|
| 1    |           | Construction Area Signs                                       | 1        | LS    | \$3,500   | \$3,500            |
| 2    |           | Traffic Control System  | 1        | LS    | \$20,000  | \$20,000           |
| 3    |           | Portable Signal System  | 1        | LS    | \$10,000  | \$10,000           |
| 4    |           | Temporary Railing (Type K)                                    | 20       | LS    | \$400     | \$8,000            |
| 5    |           | Job Site Management   | 1        | LS    | \$5,000   | \$5,000            |
| 6    |           | Prepare Storm Water Pollution Prevention Plan                 | 1        | LS    | \$5,000   | \$5,000            |
| 7    |           | Temporary Water Pollution Control Measures (Stream diversion) | 1        | EA    | \$10,000  | \$10,000           |
| 8    |           | Temporary Concrete Washout                                    | 1        | LS    | \$2,200   | \$2,200            |
| 9    |           | Roadway Excavation  | 670      | CY    | \$25      | \$16,750           |
| 10   |           | Embankment  | 461      | CY    | \$45      | \$20,745           |
| 11   |           | Soldier Pile Wall   | 2500     | SF    | \$350     | \$875,000          |
| 12   |           | Dry Seed  | 300      | SF    | \$0.75    | \$225              |
| 13   |           | Rolled Erosion Control Product                                | 1000     | SF    | \$1.00    | \$1,000            |
| 14   |           | 3/4" Base Rock Provided and Placed                            | 163      | CY    | \$45      | \$7,333            |
| 15   |           | Hot Mix Asphalt (Type A)                                      | 86       | TON   | \$200     | \$17,111           |
| 16   |           | 6" Thermoplastic Traffic Stripe                               | 600      | LF    | \$5       | \$3,000            |
| 17   |           | Class 2 Permeable Material (Wall underdrain)                  | 14       | CY    | \$40      | \$563              |
| 18   |           | Loose Riprap (Class 50)                                       | 98       | CY    | \$55      | \$5,390            |
| 19   |           | Loose Riprap (Class 2000)                                     | 470      | CY    | \$72      | \$33,995           |
| 20   |           | Riprap Geotextile   | 450      | SY    | \$25      | \$11,250           |
| 21   |           | Mobilization (Mobilization, Demobilization and final Cleanup) | 1        | LS    | \$80,000  | \$80,000           |
| 22   |           | Construction Staking  | 1        | LS    | \$7,500   | \$7,500            |
| 23   |           | Landscaping   | 1        | LS    | \$10,000  | \$10,000           |
|      |           | Subtotal  |          |       |           | \$1,153,563        |
|      |           | Estimating Contingency (15%)                                  |          |       |           | \$173,034          |
|      |           | <b>Opinion of Probable Construction Cost - Base Bid</b>       |          |       |           | <b>\$1,326,597</b> |

# SW 4th Ave. Road Repair Project

## Preliminary Opinion of Probable Cost - MSE Wall



Date: November 6, 2020  
 Job #: 11216065

| Item | Item Code | Description   | Quantity | Units | Unit Cost | Total            |
|------|-----------|---|----------|-------|-----------|------------------|
| 1    |           | Construction Area Signs                                       | 1        | LS    | \$3,500   | \$3,500          |
| 2    |           | Traffic Control System  | 1        | LS    | \$20,000  | \$20,000         |
| 3    |           | Portable Signal System  | 1        | LS    | \$10,000  | \$10,000         |
| 4    |           | Temporary Railing (Type K)                                    | 20       | LS    | \$400     | \$8,000          |
| 5    |           | Job Site Management   | 1        | LS    | \$5,000   | \$5,000          |
| 6    |           | Prepare Storm Water Pollution Prevention Plan                 | 1        | LS    | \$5,000   | \$5,000          |
| 7    |           | Temporary Water Pollution Control Measures (Stream diversion) | 1        | EA    | \$10,000  | \$10,000         |
| 8    |           | Temporary Concrete Washout                                    | 1        | LS    | \$2,200   | \$2,200          |
| 9    |           | Temporary Shoring   | 1        | LS    | \$20,000  | \$20,000         |
| 10   |           | Roadway Excavation  | 3890     | CY    | \$25      | \$97,250         |
| 11   |           | Embankment  | 3890     | CY    | \$45      | \$175,050        |
| 12   |           | MSE Wall  | 2500     | SF    | \$90      | \$225,000        |
| 13   |           | Dry Seed  | 300      | SF    | \$0.75    | \$225            |
| 14   |           | Rolled Erosion Control Product                                | 1000     | SF    | \$1.00    | \$1,000          |
| 15   |           | 3/4" Base Rock Provided and Placed                            | 163      | CY    | \$45      | \$7,333          |
| 16   |           | Hot Mix Asphalt (Type A)                                      | 86       | TON   | \$200     | \$17,111         |
| 17   |           | 6" Thermoplastic Traffic Stripe                               | 600      | LF    | \$5       | \$3,000          |
| 18   |           | Class 2 Permeable Material (Wall underdrain)                  | 14       | CY    | \$40      | \$563            |
| 19   |           | Loose Riprap (Class 50)                                       | 98       | CY    | \$55      | \$5,390          |
| 20   |           | Loose Riprap (Class 2000)                                     | 470      | CY    | \$72      | \$33,995         |
| 21   |           | Riprap Geotextile   | 450      | SY    | \$25      | \$11,250         |
| 22   |           | Mobilization (Mobilization, Demobilization and final Cleanup) | 1        | LS    | \$80,000  | \$80,000         |
| 23   |           | Construction Staking  | 1        | LS    | \$7,500   | \$7,500          |
| 24   |           | Landscaping - Trees and willow sticks                         | 1        | LS    | \$10,000  | \$10,000         |
|      |           | Subtotal  |          |       |           | \$758,368        |
|      |           | Estimating Contingency (15%)                                  |          |       |           | \$113,755        |
|      |           | <b>Opinion of Probable Construction Cost - Base Bid</b>       |          |       |           | <b>\$872,123</b> |