



**LEGEND**

- SITE GRADING AREA
- NEW ASPHALT ROADWAY
- RAISE EXISTING INTERSECTION APPROXIMATELY 4'
- NEW CONCRETE CROSSING AND SIDEWALK
- KEYSTONE WALL
- SAW CUT LINE



# CREEK SIDE DEVELOPMENT RAILROAD CROSSING Marysville, WA



DAVID EVANS  
AND ASSOCIATES INC.

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(253) 922-9780

DEA Job Number: MTCO.00000001

## Preliminary Opinion of Probable Cost

### CITY RIGHT-OF-WAY WORK

#### Demolition

Remove existing Pavement and Reuse as fill material  
Remove exist concrete sidewalk  
Misc. Site Demo.  
Sub-total

| Unit | Unit Cost   | Quantity | Total Cost |
|------|-------------|----------|------------|
| S.F. | \$0.50      | 14,790   | \$7,395    |
| S.F. | \$0.80      | 1,600    | \$1,280    |
| LS   | \$10,000.00 | 1        | \$10,000   |
|      |             |          | \$18,675   |

#### Roadway

Gravel Borrow Import placement and compaction (fill)  
Concrete Curb and Gutter  
5' Wide 4" thick Cement Concrete Sidewalk  
12" CSTC  
Striping and Channelization  
4" PG 64-22 HMA  
Sub-total

|      |         |        |          |
|------|---------|--------|----------|
| C.Y. | \$27.00 | 1,180  | \$31,860 |
| L.F. | \$11.00 | 320    | \$3,520  |
| S.F. | \$4.00  | 1,600  | \$6,400  |
| S.F. | \$1.50  | 14,790 | \$22,185 |
| L.F. | \$1.00  | 1,900  | \$1,900  |
| S.F. | \$2.25  | 14,790 | \$33,278 |
|      |         |        | \$99,143 |

#### Storm Drainage

Erosion control system  
Catch Basin-Type 1  
Storm Sewer Pipe (estimated length and priced at min depth)  
Roadside Ditch  
Wet/Detention Pond/Vault (Including fine grading, lining, discharge structures, access road, etc.)  
Stormfilter Vault  
Quarry Spalls  
Sub-total

|      |              |     |           |
|------|--------------|-----|-----------|
| LS   | \$40,000.00  | 1   | \$40,000  |
| EACH | \$1,000.00   | 6   | \$6,000   |
| LF   | \$35.00      | 200 | \$7,000   |
| L.F. | \$2.00       | 200 | \$400     |
| EACH | \$100,000.00 | 1   | \$100,000 |
| EACH | \$28,000.00  | 1   | \$28,000  |
| S.Y. | \$10.00      | 30  | \$300     |
|      |              |     | \$181,700 |

#### Miscellaneous

Full Depth Sawcut  
New Signalized Intersection 84th Street NE & State Ave  
Sub-total

|      |              |     |           |
|------|--------------|-----|-----------|
| L.F. | \$2.00       | 200 | \$400     |
| LS   | \$300,000.00 | 1   | \$300,000 |
|      |              |     | \$300,400 |

Sitework Sub-total \$599,918  
Sales Tax (8.5% in Marysville) \$50,993  
**RIGHT-OF-WAY WORK TOTAL \$650,910**

# CREEK SIDE DEVELOPMENT RAILROAD CROSSING

## Marysville, WA

| Unit | Unit Cost | Quantity | Total Cost |
|------|-----------|----------|------------|
|------|-----------|----------|------------|

### PRIVATE PROPERTY WORK

#### Utilities

|                                    |    |            |   |         |
|------------------------------------|----|------------|---|---------|
| Adjust water castings              | LS | \$5,000.00 | 1 | \$5,000 |
| Relocate existing hydrants         | LS | \$5,000.00 | 1 | \$5,000 |
| Adjust sanitary sewer manhole lids | LS | \$5,000.00 | 1 | \$5,000 |

Sub-total \$15,000

#### Railroad Work

|                                       |      |              |    |           |
|---------------------------------------|------|--------------|----|-----------|
| Railroad Grade Crossing Signalization | LS   | \$500,000.00 | 1  | \$500,000 |
| Railroad Grade Crossing               | L.F. | \$1,500.00   | 50 | \$75,000  |

Sub-total \$575,000

#### Sitework

|                                                              |      |         |        |          |
|--------------------------------------------------------------|------|---------|--------|----------|
| Gravel Borrow Import placement and compaction (fill)         | C.Y. | \$27.00 | 990    | \$26,730 |
| Asphalt Parking Lot/ Private Road Pavement (4" over 6" CSTC) | S.F. | \$3.00  | 11,005 | \$33,015 |
| 7' Wide 4" thick Cement Concrete Sidewalk                    | S.F. | \$4.00  | 910    | \$3,640  |
| Keystone Retaining Wall                                      | S.F. | \$20.00 | 800    | \$16,000 |

Sub-total \$79,385

Paving and Parking Lot Sub-total \$669,385

Sales Tax (8.5% in Marysville) \$56,898

Offsite Paving and Parking Lot Total \$726,283

|                                |                    |
|--------------------------------|--------------------|
| <b>Total Construction Cost</b> | <b>\$1,377,193</b> |
|--------------------------------|--------------------|

### FEES AND OTHER COSTS

|                             |    |             |   |           |
|-----------------------------|----|-------------|---|-----------|
| Topographic Survey          | LS | \$40,000.00 | 1 | \$40,000  |
| Engineering                 | LS | \$92,000.00 | 1 | \$92,000  |
| Land Use/Engineering Review | LS | \$36,000.00 | 1 | \$36,000  |
| Fee Subtotal                |    |             |   | \$168,000 |

|                    |                    |
|--------------------|--------------------|
| <b>GRAND TOTAL</b> | <b>\$1,545,193</b> |
|--------------------|--------------------|