



# LEGEND

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

CROSSING EXHIBIT  
84TH STREET NORTHEAST  
AND STATE AVENUE  
TITLE LINE FOUR  
MARYSVILLE, WASHINGTON

**DAVID EVANS  
AND ASSOCIATES, INC.**  
3700 Pacific Hwy East Suite 201  
Tacoma, WA 98404  
Phone: 253.925.9790

REVISIONS:	APPD.
DATE: FEBRUARY, 2009	
DESIGN:	
DRAWN:	
CHECKED:	
REVISION NUMBER:	
SCALE: 1"=40'	
PROJECT NUMBER:	
MTCO-00000001	
SHEET NO.	
1	
OF 1	

# CREEK SIDE DEVELOPMENT RAILROAD CROSSING Marysville, WA



DAVID EVANS  
AND ASSOCIATES, INC.

3700 Pacific Highway East, Suite 311  
Tacoma, WA 98424  
(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
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### 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>
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### 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>
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