

## Estimate WAITSFIELD

Estimated Cost:\$299,553.96

Contingency: 5.00%

**Estimated Total: \$314,531.66**

*REHABILITATION OF THE EXISTING COVERED BRIDGE INCLUDING A NEW SELF SUPPORTING WALKWAY*

Base Date: 01/19/12

Spec Year: 11

Unit System: E

Work Type: BRIDGE REHABILITATION

Highway Type: LOCAL

Urban/Rural Type: RURAL

Season: CONSTRUCTION SEASON BIDS (4/15 - 10/15)

County: WAITSFIELD

Midpoint of Latitude: 441122

Midpoint of Longitude: 0724925

District: NW

Federal/State Project Number: STP EH08 (6)

Estimate Type: PRELIMINARY

*Prepared by Ryan H. Barnes, P.E. on 01/19/12*

*Checked by Evan P. Detrick, P.E. on 01/19/12*

*Approved by Evan P. Detrick, P.E. on 01/19/12*

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

## Group 1011: ROADWAY

0005	203.15	10.000	CY	\$29.25830	\$292.58
COMMON EXCAVATION					
0006	210.10	135.000	SY	\$16.00000	\$2,160.00
COLD PLANING, BITUMINOUS PAVEMENT					
0007	301.15	12.000	CY	\$40.00000	\$480.00
SUBBASE OF GRAVEL					
0008	404.65	0.500	CWT	\$283.22145	\$141.61
EMULSIFIED ASPHALT					
0009	406.25	12.000	TON	\$194.00784	\$2,328.09
BITUMINOUS CONCRETE PAVEMENT					
0010	618.10	15.000	SY	\$61.10228	\$916.53
PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH					
0011	618.30	15.000	SF	\$48.47939	\$727.19
DETECTABLE WARNING SURFACE					
0012	621.18	45.000	LF	\$50.00000	\$2,250.00
STEEL BACKED TIMBER GUARDRAIL					
0013	635.11	1.000	LS	\$27,232.17800	\$27,232.18
MOBILIZATION/DEMOBILIZATION					
0014	641.10	1.000	LS	\$4,000.00000	\$4,000.00
TRAFFIC CONTROL					
0015	675.20	60.000	SF	\$14.86164	\$891.70
TRAFFIC SIGNS, TYPE A					
0016	675.341	100.000	LF	\$8.48329	\$848.33
SQUARE TUBE SIGN POST AND ANCHOR					
0017	675.50	10.000	EACH	\$16.33837	\$163.38
REMOVING SIGNS					
0018	678.23	35.000	LF	\$17.31444	\$606.01
WIRED CONDUIT					

Total for Group 1011:\$43,037.60

## Group 1051: EROSION CONTROL

0019	651.15	5.000	LB	\$13.61666	\$68.08
SEED					
0020	651.18	10.000	LB	\$6.92642	\$69.26
FERTILIZER					
0021	651.20	0.100	TON	\$648.31061	\$64.83
AGRICULTURAL LIMESTONE					
0022	651.25	0.100	TON	\$764.32086	\$76.43
HAY MULCH					
0023	651.35	10.000	CY	\$68.64043	\$686.40
TOPSOIL					
0027	900.615	3,000.000	DL	\$1.00000	\$3,000.00
SPECIAL PROVISION					
<i>(EROSION PREVENTION AND SEDIMENT CONTROL MEASURES) (N.A.B.I.)</i>					

Total for Group 1051:\$3,965.00

## Group 1211: BRIDGE

0028	203.26	8.000	CY	\$250.00000	\$2,000.00
CHANNEL EXCAVATION OF ROCK					
0029	204.25	60.000	CY	\$24.17083	\$1,450.25
STRUCTURE EXCAVATION					
0030	204.30	110.000	CY	\$37.90663	\$4,169.73
GRANULAR BACKFILL FOR STRUCTURES					
0031	501.32	2.000	CY	\$735.50015	\$1,471.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<b>Description</b>				
	<b>Supplemental Description</b>				
	CONCRETE, HIGH PERFORMANCE CLASS AA				
0032	501.34	60.000	CY	\$656.77873	\$39,406.72
	CONCRETE, HIGH PERFORMANCE CLASS B				
0033	502.10	1.000	LS	\$5,000.00000	\$5,000.00
	SHORING SUPERSTRUCTURE				
0034	507.15	6,500.000	LB	\$1.11707	\$7,260.96
	REINFORCING STEEL				
0035	507.16	30.000	LF	\$31.34420	\$940.33
	DRILLING AND GROUTING DOWELS				
0036	514.10	10.000	GAL	\$64.28373	\$642.84
	WATER REPELLENT, SILANE				
0037	522.20	0.850	MFBM	\$13,318.30952	\$11,320.56
	STRUCTURAL LUMBER AND TIMBER, UNTREATED				
0038	522.25	4.250	MFBM	\$9,187.87298	\$39,048.46
	STRUCTURAL LUMBER AND TIMBER, TREATED				
0039	522.30	1.750	MFBM	\$10,366.00694	\$18,140.51
	NONSTRUCTURAL LUMBER, UNTREATED				
0040	529.20	1.000	EACH	\$12,000.00000	\$12,000.00
	PARTIAL REMOVAL OF STRUCTURE				
0041	545.20	1.000	LS	\$100,000.00000	\$100,000.00
	PREFABRICATED MULTI-MODAL BRIDGE (580 SF - EST.)				
0042	580.14	6.000	SY	\$1,300.00000	\$7,800.00
	REPAIR OF CONCRETE SUBSTRUCTURE SURFACE, CLASS II				
0043	900.640	22.000	LF	\$50.00000	\$1,100.00
	SPECIAL PROVISION (TIMBER RAILING)				

Total for Group 1211:\$251,751.36

Group 1999: FULL C.E. ITEMS

0044	631.16	1.000	LS	\$800.00000	\$800.00
	TESTING EQUIPMENT, CONCRETE				

Total for Group 1999:\$800.00