

## ESTIMATE VHB 57683.00

Estimated Cost:\$1,146,000.24

Contingency: 10.00%

**Estimated Total: \$1,260,600.26**

***Base Date: 08/15/17***

Spec Year: 11

Unit System: E

Work Type: BIKE &/OR TRANSPORTATION PATH

Highway Type: NON-FACILITY RELATED

Urban/Rural Type: URBAN

Season: CONSTRUCTION (APRIL 15th - OCTOBER 15th)

County: BENNINGTON

Midpoint of Latitude: 425341

Midpoint of Longitude: 0731209

District: SW

Federal/State Project Number: STP BIKE(26)S

Estimate Type: FINAL PLANS

*Prepared by VHB VT STAFF on 06/05/17*

*Checked by D.M. PECK on 08/15/17*

<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>					
<b>Group 1011: ROADWAY</b>					
0005	201.10	1.0	LS	\$15,000.00	\$15,000.00
CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS					
0006	203.15	2,150.0	CY	\$14.09	\$30,293.50
COMMON EXCAVATION					
0007	203.16	3.0	CY	\$100.00	\$300.00
SOLID ROCK EXCAVATION					
0008	203.30	900.0	CY	\$6.10	\$5,490.00
EARTH BORROW					
0009	203.32	730.0	CY	\$22.60	\$16,498.00
GRANULAR BORROW					
0010	204.22	1.0	CY	\$75.00	\$75.00
TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)					
0011	301.35	2,400.0	CY	\$35.00	\$84,000.00
SUBBASE OF DENSE GRADED CRUSHED STONE					
0012	406.25	700.0	TON	\$113.75	\$79,625.00
BITUMINOUS CONCRETE PAVEMENT (PG 58-28)					
0013	406.50	1.0	LU	\$1.00	\$1.00
PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)					
0014	522.25	1.0	MFBM	\$8,000.00	\$8,000.00
STRUCTURAL LUMBER AND TIMBER, TREATED					
0015	616.28	30.0	LF	\$40.00	\$1,200.00
CAST-IN-PLACE CONCRETE CURB, TYPE B					
0016	618.10	75.0	SY	\$75.00	\$5,625.00
PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH					
0017	618.30	160.0	SF	\$20.00	\$3,200.00
DETECTABLE WARNING SURFACE					
0018	619.14	15.0	EACH	\$341.81	\$5,127.15
BOLLARDS					
0019	620.13	40.0	LF	\$20.00	\$800.00
CHAIN-LINK FENCE, 8 FEET					
0020	620.26	400.0	LF	\$10.03	\$4,012.00
WOVEN WIRE FENCE WITH WOOD POSTS					
0021	620.55	400.0	LF	\$4.27	\$1,708.00
REMOVAL OF EXISTING FENCE					
0022	621.75	15.0	LF	\$10.00	\$150.00
REMOVE AND RESET GUARDRAIL					
0023	621.80	55.0	LF	\$5.18	\$284.90
REMOVAL AND DISPOSAL OF GUARDRAIL					
0024	630.10	70.0	HR	\$55.00	\$3,850.00
UNIFORMED TRAFFIC OFFICERS					
0025	630.15	400.0	HR	\$24.00	\$9,600.00
FLAGGERS					

<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>					
0026	630.20 FLAGGERS, RAILROAD	100.0	HR	\$50.00	\$5,000.00
0027	635.11 MOBILIZATION / DEMOBILIZATION	1.0	LS	\$84,888.91	\$84,888.91
0028	641.10 TRAFFIC CONTROL	1.0	LS	\$25,000.00	\$25,000.00
0029	646.410 DURABLE 4 INCH YELLOW LINE	1,025.0	LF	\$1.41	\$1,445.25
0030	646.480 DURABLE 24 INCH STOP BAR	15.0	LF	\$10.00	\$150.00
0031	646.460 DURABLE 12 INCH WHITE LINE	45.0	LF	\$5.00	\$225.00
0032	646.500 DURABLE CROSSWALK MARKING	170.0	LF	\$9.50	\$1,615.00
0033	653.50 BARRIER FENCE	2,350.0	LF	\$1.53	\$3,595.50
0034	653.55 PROJECT DEMARCATION FENCE	14,700.0	LF	\$3.80	\$55,860.00
0035	675.20 TRAFFIC SIGNS, TYPE A	143.0	SF	\$16.55	\$2,366.65
0036	675.341 SQUARE TUBE SIGN POST AND ANCHOR	550.0	LF	\$6.52	\$3,586.00
0037	675.50 REMOVING SIGNS	22.0	EACH	\$6.80	\$149.60
0038	678.15 TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION	1.0	EACH	\$25,000.00	\$25,000.00
0039	678.23 WIRED CONDUIT (4") (PVC)	220.0	LF	\$15.00	\$3,300.00
0040	678.25 PULL BOX, STANDARD	1.0	EACH	\$2,700.00	\$2,700.00
0041	678.30 ELECTRICAL CONDUIT SLEEVE (8") (PVC SCH 80)	110.0	LF	\$32.41	\$3,565.10
0042	690.50 PRICE ADJUSTMENT, FUEL (N.A.B.I.)	1.0	LU	\$1.00	\$1.00
0043	900.608 SPECIAL PROVISION (AGGREGATE SURFACE COURSE, SIDEWALK/TRAIL)	260.0	CY	\$45.00	\$11,700.00
0044	900.608 SPECIAL PROVISION (RAILROAD BALLAST)	1,000.0	CY	\$35.00	\$35,000.00
0045	900.620 SPECIAL PROVISION (RAILROAD TURNOUT)(NO. 10)	2.0	EACH	\$10,000.00	\$20,000.00
0046	900.620 SPECIAL PROVISION (RAILROAD CROSSTIES)	515.0	EACH	\$175.00	\$90,125.00
0047	900.640 SPECIAL PROVISION	370.0	LF	\$125.00	\$46,250.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	(BRIDGE RAILING)				
0048	900.640 SPECIAL PROVISION (CLEAN AND GRADE BALLAST)	7,900.0	LF	\$5.00	\$39,500.00
0049	900.640 SPECIAL PROVISION (GUARD AND APPROACH RAIL, PRESSURE TREATED)	96.0	LF	\$75.00	\$7,200.00
0050	900.640 SPECIAL PROVISION (PEDESTRIAN RAILING)	930.0	LF	\$60.00	\$55,800.00
0051	900.640 SPECIAL PROVISION (REMOVAL OF RAILROAD TRACK)	9,900.0	LF	\$10.00	\$99,000.00
0052	900.640 SPECIAL PROVISION (REMOVE AND RESET RAILROAD TRACK)	850.0	LF	\$100.00	\$85,000.00
0053	900.670 SPECIAL PROVISION (DECKING)	1,850.0	SF	\$10.00	\$18,500.00
0054	900.680 SPECIAL PROVISION (DISPOSAL OF RAILROAD TIES)	53.0	TON	\$250.00	\$13,250.00

Total for Group 1011:\$1,014,612.56

Group 1051: EROSION CONTROL

0055	613.10 STONE FILL, TYPE I	110.0	CY	\$62.99	\$6,928.90
0056	649.21 GEOTEXTILE UNDER RAILROAD BALLAST	2,300.0	SY	\$5.00	\$11,500.00
0057	649.31 GEOTEXTILE UNDER STONE FILL	330.0	SY	\$2.91	\$960.30
0058	649.51 GEOTEXTILE FOR SILT FENCE	800.0	SY	\$4.28	\$3,424.00
0059	649.515 GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED	1,200.0	SY	\$11.50	\$13,800.00
0060	651.15 SEED	425.0	LB	\$11.78	\$5,006.50
0061	651.18 FERTILIZER	1,750.0	LB	\$6.02	\$10,535.00
0062	651.20 AGRICULTURAL LIMESTONE	8.0	TON	\$573.08	\$4,584.64
0063	651.25 HAY MULCH	8.0	TON	\$526.13	\$4,209.04
0064	651.35 TOPSOIL	930.0	CY	\$31.92	\$29,685.60
0065	651.40 GRUBBING MATERIAL	255.0	SY	\$10.39	\$2,649.45
0066	652.10 EPSC PLAN	1.0	LS	\$5,000.00	\$5,000.00
0067	652.20 MONITORING EPSC PLAN	100.0	HR	\$59.95	\$5,995.00

<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>					
0068	652.30	1.0	LU	\$3,000.00	\$3,000.00
MAINTENANCE OF EPSC PLAN (N.A.B.I.)					
0069	653.20	3,200.0	SY	\$2.02	\$6,464.00
TEMPORARY EROSION MATTING					
0070	653.35	75.0	CY	\$35.27	\$2,645.25
VEHICLE TRACKING PAD					

Total for Group 1051:\$116,387.68

**Group 1999:** FULL C.E. ITEMS

0071	631.10	1.0	LS	\$12,000.00	\$12,000.00
FIELD OFFICE, ENGINEERS					
0072	631.26	3,000.0	DL	\$1.00	\$3,000.00
FIELD OFFICE TELEPHONE (N.A.B.I.)					

Total for Group 1999:\$15,000.00