

Vermont Agency of Transportation

STOWE STP 0235(24)

Estimate WORKING - CONCEPTUAL - Engineer's Estimate

Phase: WORKING

Estimate Date: 29 August, 2024

Specification: Standard Specifications for Construction

Region: NORTHWEST

Town: STOWE

Advertising Season: NON CONSTRUCTION SEASON

Description: NA

Designed By:

Reviewed By: Sean Neely

Approved By:

Work Type: ROADS & HIGHWAY CONSTRUCTION

Highway Type: MAJOR COLLECTOR

Urban/Rural: URBAN

Category

1011 - ROADWAY

Item Number	Description	Supplemental Description	Quantity	Unit	Unit Price	Amount
203.1500	COMMON EXCAVATION		12,750.00	CY	\$17.391	\$221,735.25
203.2800	EXCAVATION OF SURFACES AND PAVEMENTS		80.00	CY	\$63.925	\$5,114.00
203.3100	SAND BORROW		4,900.00	CY	\$40.000	\$196,000.00
204.2200	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)		1.00	CY	\$75.000	\$75.00
209.0100	TRENCHLESS EXCAVATION, HORIZONTAL DIRECTIONAL DRILLING		60.00	LF	\$275.000	\$16,500.00
301.3500	SUBBASE OF DENSE GRADED CRUSHED STONE		5,600.00	CY	\$60.000	\$336,000.00
402.1300	AGGREGATE SHOULDERS, RAP		50.00	TON	\$57.563	\$2,878.15
406.0210	BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QA TIER I		1,400.00	TON	\$165.000	\$231,000.00
406.0310	BITUMINOUS CONCRETE PAVEMENT, TYPE IIIS, QA TIER I		900.00	TON	\$175.000	\$157,500.00
406.3400	BITUMINOUS CONCRETE PAVEMENT, NON- PAVER PLACED, TYPE IVS		950.00	SY	\$25.624	\$24,342.80
601.2615	18 INCH CPEP(SL)		1,400.00	LF	\$90.000	\$126,000.00
604.1800	PRECAST REINFORCED CONCRETE DI WITH CAST IRON GRATE		7.00	EACH	\$5,762.779	\$40,339.45
616.2100	VERTICAL GRANITE CURB		1,000.00	LF	\$77.131	\$77,131.00
618.1005	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH		840.00	SY	\$145.956	\$122,603.04
618.3000	DETECTABLE WARNING SURFACE		16.00	SF	\$60.882	\$974.11
625.6002	WIRED CONDUIT, 2 INCH	(ESTIMATED)	300.00	LF	\$38.614	\$11,584.20
625.6003	WIRED CONDUIT, 3 INCH	(ESTIMATED)	50.00	LF	\$64.040	\$3,202.00
625.7000	POWER DROP STANCHION		1.00	EACH	\$5,873.310	\$5,873.31
625.7010	JUNCTION BOX		4.00	EACH	\$1,650.000	\$6,600.00
630.1000	UNIFORMED TRAFFIC OFFICERS		300.00	HR	\$80.000	\$24,000.00
630.1500	FLAGGERS		2,600.00	HR	\$45.000	\$117,000.00

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631.1600	TESTING EQUIPMENT, CONCRETE	1.00	LS	\$500.000	\$500.00
635.1100	MOBILIZATION/DEMOBILIZATION	1.00	LS	\$391,846.039	\$391,846.04
641.1100	TRAFFIC CONTROL, ALL-INCLUSIVE	1.00	LS	\$210,000.000	\$210,000.00
641.1500	PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH	\$5,019.830	\$15,059.49
646.4030	DURABLE 4 INCH WHITE LINE, EPOXY PAINT	3,500.00	LF	\$1.574	\$5,509.00
646.4130	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	3,800.00	LF	\$1.476	\$5,608.80
646.4830	DURABLE 24 INCH STOP BAR, EPOXY PAINT	75.00	LF	\$13.299	\$997.43
646.4930	DURABLE LETTER OR SYMBOL, EPOXY PAINT	12.00	EACH	\$165.362	\$1,984.34
646.5030	DURABLE CROSSWALK MARKING, EPOXY PAINT	50.00	LF	\$23.738	\$1,186.90
646.6000	TEMPORARY 4 INCH WHITE LINE	7,000.00	LF	\$0.560	\$3,920.00
646.6100	TEMPORARY 4 INCH YELLOW LINE	7,600.00	LF	\$0.496	\$3,769.60
646.6800	TEMPORARY 24 INCH STOP BAR	150.00	LF	\$6.307	\$946.05
651.1500	TURF ESTABLISHMENT, GENERAL SEED	2,222.00	SY	\$0.850	\$1,888.70
651.3500	TOPSOIL	580.00	CY	\$70.000	\$40,600.00
653.1000	HAY MULCH	0.20	TON	\$1,251.006	\$250.20
675.2000	TRAFFIC SIGN, FLAT SHEET ALUMINUM	100.00	SF	\$29.274	\$2,927.40
675.3410	SQUARE TUBE SIGN POST AND ANCHOR	350.00	LF	\$21.148	\$7,401.80
675.5000	SIGN REMOVAL, FLAT SHEET ALUMINUM	15.00	EACH	\$37.072	\$556.08
678.2005	CABINET ASSEMBLY	1.00	EACH	\$50,000.000	\$50,000.00
678.2010	MAST ARM POLE FOUNDATION	2.00	EACH	\$20,000.000	\$40,000.00
678.2015	PEDESTAL POST ASSEMBLY	2.00	EACH	\$4,000.000	\$8,000.00
678.2020	PEDESTRIAN SIGNAL ASSEMBLY	2.00	EACH	\$4,000.000	\$8,000.00
678.2025	TRAFFIC SIGNAL ASSEMBLY	2.00	EACH	\$30,000.000	\$60,000.00
678.2030	TRAFFIC SIGNAL HEAD ASSEMBLY	8.00	EACH	\$2,000.000	\$16,000.00
678.2040	VEHICLE DETECTION SYSTEM	1.00	EACH	\$55,000.000	\$55,000.00
678.2045	PAN-TILT-ZOOM CAMERA	1.00	EACH	\$15,000.000	\$15,000.00
678.2050	EMERGENCY VEHICLE PREEMPTION SYSTEM	1.00	EACH	\$15,000.000	\$15,000.00
679.4700	BRACKET ARM	2.00	EACH	\$2,500.000	\$5,000.00
679.5000	LUMINAIRE	2.00	EACH	\$1,709.296	\$3,418.59

Category total: \$2,696,822.74

Grand Total: \$2,696,822.74