

**Vermont Agency of Transportation**

58538.00

Estimate PRELIMINARY - Engineer's Estimate

Phase: PRELIMINARY	Designed By:
Estimate Date: 22 December, 2023	Reviewed By:
Specification: Standard Specifications for Construction	Approved By:
Region: NORTHWEST	Work Type: CURB & SIDEWALK
Town:	Highway Type: MINOR ARTERIAL
Advertising Season: CONSTRUCTION SEASON	Urban/Rural: URBAN
Description: WORK INCLUDES NEW SIDEWALKS, NEW CROSSWALKS, A NEW RETAINING WALL, PAVEMENT MARKINGS, AND OTHER INCIDENTAL ITEMS.	

Category	Description	Supplemental Description	Quantity	Unit	Unit Price	Amount
<b>1011 - ROADWAY</b>		Bridge St.				
201.10	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS		1.00	LS	\$5,000.000	\$5,000.00
201.15	REMOVING MEDIUM TREES		2.00	EACH	\$807.860	\$1,615.72
203.15	COMMON EXCAVATION		355.00	CY	\$35.000	\$12,425.00
203.16	SOLID ROCK EXCAVATION		10.00	CY	\$250.000	\$2,500.00
203.28	EXCAVATION OF SURFACES AND PAVEMENTS		3.00	CY	\$63.707	\$191.12
203.30	EARTH BORROW		10.00	CY	\$50.000	\$500.00
204.20	TRENCH EXCAVATION OF EARTH		60.00	CY	\$60.000	\$3,600.00
204.22	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)		1.00	CY	\$75.000	\$75.00
204.30	GRANULAR BACKFILL FOR STRUCTURES		100.00	CY	\$75.000	\$7,500.00
210.10	COARSE-MILLING, BITUMINOUS PAVEMENT		70.00	SY	\$32.555	\$2,278.85
301.26	SUBBASE OF CRUSHED GRAVEL, FINE GRADED		200.00	CY	\$63.001	\$12,600.20
404.65	EMULSIFIED ASPHALT		1.20	CWT	\$155.441	\$186.53
406.38	HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES		9.00	SY	\$76.283	\$686.55
602.20	DRY MASONRY		25.00	CY	\$666.293	\$16,657.33
605.10	UNDERDRAIN PIPE, 6 INCHES		100.00	LF	\$38.961	\$3,896.10
609.10	DUST CONTROL WITH WATER		120.00	MGAL	\$55.000	\$6,600.00
616.28	CAST-IN-PLACE CONCRETE CURB, TYPE B		610.00	LF	\$48.976	\$29,875.36
618.10	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH		300.00	SY	\$113.330	\$33,999.00
618.11	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH		35.00	SY	\$128.325	\$4,491.38
618.30	DETECTABLE WARNING SURFACE		178.00	SF	\$43.305	\$7,708.29
629.20	ADJUST ELEVATION OF VALVE BOX		3.00	EACH	\$235.000	\$705.00
629.54	CRUSHED STONE BEDDING		25.00	TON	\$55.739	\$1,393.48

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630.15	FLAGGERS		300.00	HR	\$39.846	\$11,953.80
632.10	RAILROAD FLAGGERS (N.A.B.I.)		4,000.00	DL	\$1.000	\$4,000.00
635.11	MOBILIZATION/DEMOBILIZATION		1.00	LS	\$33,964.218	\$33,964.22
641.11	TRAFFIC CONTROL, ALL-INCLUSIVE		1.00	LS	\$20,000.000	\$20,000.00
646.201	4 INCH WHITE LINE, WATERBORNE PAINT		1,170.00	LF	\$1.373	\$1,606.41
646.2111	4 INCH YELLOW LINE, WATERBORNE PAINT		1,250.00	LF	\$1.356	\$1,695.00
646.261	24 INCH STOP BAR, WATERBORNE PAINT		77.00	LF	\$5.521	\$425.12
646.301	LETTER OR SYMBOL, WATERBORNE PAINT		13.00	EACH	\$60.150	\$781.95
646.311	CROSSWALK MARKING, WATERBORNE PAINT		296.00	LF	\$10.757	\$3,184.07
646.85	REMOVAL OF EXISTING PAVEMENT MARKINGS		320.00	SF	\$4.299	\$1,375.68
649.41	GEOTEXTILE FOR UNDERDRAIN TRENCH LINING		120.00	SY	\$6.000	\$720.00
651.15	SEED		18.00	LB	\$15.229	\$274.12
651.18	FERTILIZER		65.00	LB	\$5.965	\$387.73
651.20	AGRICULTURAL LIMESTONE		0.30	TON	\$800.310	\$240.09
651.35	TOPSOIL		33.00	CY	\$85.000	\$2,805.00
653.10	HAY MULCH		0.30	TON	\$1,113.627	\$334.09
653.20	ROLLED EROSION CONTROL PRODUCT, TYPE I		200.00	SY	\$3.706	\$741.20
653.41	INLET PROTECTION DEVICE, TYPE II		5.00	EACH	\$215.363	\$1,076.82
675.20	TRAFFIC SIGN, TYPE A		44.00	SF	\$26.545	\$1,167.98
675.341	SQUARE TUBE SIGN POST AND ANCHOR		30.00	LF	\$22.114	\$663.42
675.50	REMOVING SIGNS		9.00	EACH	\$23.450	\$211.05
675.60	RESETTING SIGNS		7.00	EACH	\$39.459	\$276.21
900.640	SPECIAL PROVISION	(MOUNTABLE GRANITE CURB)	75.00	LF	\$171.910	\$12,893.25
900.670	SPECIAL PROVISION	(MODULAR BLOCK RETAINING WALL)	50.00	SF	\$100.000	\$5,000.00
900.670	SPECIAL PROVISION	(REMOVE AND RESET MODULAR BLOCK RETAINING WALL)	100.00	SF	\$60.000	\$6,000.00
900.680	SPECIAL PROVISION	(BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)	45.00	TON	\$200.000	\$9,000.00

Category total: **\$275,262.10**

<del>Category</del>		<del>Description</del>				
<del>2011- ROADWAY</del>		<del>Intersection</del>				
<del>Item Number</del>	<del>Description</del>	<del>Supplemental Description</del>	<del>Quantity</del>	<del>Unit</del>	<del>Unit Price</del>	<del>Amount</del>
<del>203.15</del>	<del>COMMON EXCAVATION</del>		<del>100.00</del>	<del>CY</del>	<del>\$35.000</del>	<del>\$3,500.00</del>
<del>203.16</del>	<del>SOLID ROCK EXCAVATION</del>		<del>5.00</del>	<del>CY</del>	<del>\$250.000</del>	<del>\$1,250.00</del>
<del>203.28</del>	<del>EXCAVATION OF SURFACES AND PAVEMENTS</del>		<del>7.00</del>	<del>CY</del>	<del>\$63.707</del>	<del>\$445.95</del>
<del>204.20</del>	<del>TRENCH EXCAVATION OF EARTH</del>		<del>1.00</del>	<del>CY</del>	<del>\$60.000</del>	<del>\$60.00</del>

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210.10	COARSE-MILLING, BITUMINOUS PAVEMENT	40.00	SY	\$32.555	\$1,302.20
301.26	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	90.00	CY	\$63.001	\$5,670.09
404.65	EMULSIFIED ASPHALT	0.80	CWT	\$155.441	\$124.35
609.10	DUST CONTROL WITH WATER	70.00	MGAL	\$55.000	\$3,850.00
616.28	CAST-IN-PLACE CONCRETE CURB, TYPE B	265.00	LF	\$48.976	\$12,978.64
618.10	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	120.00	SY	\$113.330	\$13,599.60
618.30	DETECTABLE WARNING SURFACE	80.00	SF	\$43.305	\$3,464.40
629.20	ADJUST ELEVATION OF VALVE BOX	1.00	EACH	\$235.000	\$235.00
629.29	RELOCATE HYDRANT	1.00	EACH	\$4,399.850	\$4,399.85
630.15	FLAGGERS	100.00	HR	\$39.846	\$3,984.60
635.11	MOBILIZATION/DEMOBILIZATION	1.00	LS	\$33,964.218	\$33,964.22
641.11	TRAFFIC CONTROL, ALL-INCLUSIVE	1.00	LS	\$20,000.000	\$20,000.00
646.261	24 INCH STOP BAR, WATERBORNE PAINT	23.00	LF	\$5.521	\$126.98
646.301	LETTER OR SYMBOL, WATERBORNE PAINT	5.00	EACH	\$60.150	\$300.75
646.311	CROSSWALK MARKING, WATERBORNE PAINT	96.00	LF	\$10.757	\$1,032.67
646.85	REMOVAL OF EXISTING PAVEMENT MARKINGS	192.00	SF	\$4.299	\$825.41
651.15	SEED	7.00	LB	\$15.229	\$106.60
651.18	FERTILIZER	25.00	LB	\$5.965	\$149.13
651.20	AGRICULTURAL LIMESTONE	0.20	TON	\$800.310	\$160.06
651.35	TOPSOIL	12.00	CY	\$85.000	\$1,020.00
653.10	HAY MULCH	0.20	TON	\$1,113.627	\$222.73
675.20	TRAFFIC SIGN, TYPE A	24.50	SF	\$26.545	\$650.35
675.341	SQUARE TUBE SIGN POST AND ANCHOR	15.00	LF	\$22.114	\$331.71
675.50	REMOVING SIGNS	13.00	EACH	\$23.450	\$304.85
675.60	RESETTING SIGNS	9.00	EACH	\$39.459	\$355.13
900.640	SPECIAL PROVISION (VERTICAL GRANITE CURB)	75.00	LF	\$171.910	\$12,893.25
900.680	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)	25.00	TON	\$200.000	\$5,000.00

Category total: \$132,308.52

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**Grand Total:** \$407,570.62