DuBois & King inc.

☐ Bedford, NH 03110 (603) 883-0463
☑ Randolph, VT 05060 (802) 728-3376
☐ S. Burlingt., VT 05403 (802) 878-7661
☐ Springfield, VT 05156 (802) 591-4326

Engineering ❁ Planning ❁ Development ❁ Management

JOB Middlesex Sidewalk Scoping

SHEET NO. 1 OF 2

CALCULATED BY: JLU DATE: 3/31/22

CHECKED BY: DATE:

SCALE:

Middlesex Walkable Village Sidewalk Only

ITEM NO.	DESCRIPTION	UNIT	QUANT.	UNIT PRICE	AMOUNT
201.10	CLEARING AND GRUBBING	A	0.20	$20,000.00	$4,000.00
203.15	COMMON EXCAVATION	CY	300	$12.00	$3,600.00
203.16	SOLID ROCK EXCAVATION	CY	10	$40.00	$400.00
203.30	EARTH BORROW	CY	100	$15.00	$1,500.00
203.32	GRANULAR BORROW	CY	80	$20.00	$1,600.00
204.25	STRUCTURE EXCAVATION	CY	110	$30.00	$3,300.00
301.25	SUBBASE OF CRUSHED GRAVEL, COARSE GRADED	CY	250	$40.00	$10,000.00
404.65	EMULSIFIED ASPHALT	GAL	10	$50.00	$500.00
406.25	BITUMINOUS CONCRETE PAVEMENT	T	50	$180.00	$9,000.00
613.15	RIPRAP, HEAVY TYPE	CY	30	$50.00	$1,500.00
601.09	18" CPEP	LF	80	$55.00	$4,400.00
604.20	PRECAST REINFORCED CONCRETE CATCH BASIN	U	5	$4,000.00	$20,000.00
618.10	PORTLAND CEMENT CONCRETE SIDEWALK 5"	SY	1300	$85.00	$110,500.00
616.22	VERTICAL GRANITE CURB	LF	600	$45.00	$27,000.00
618.30	DETECTABLE WARNING SURFACE	SF	60	$50.00	$3,000.00
621.75	REMOVE AND RESET GUARDRAIL	LF	130	$7.00	$910.00
621.51	MANUFACTURED TERMINAL SECTION, TANGENT	EA	2	$2,800.00	$5,600.00
675.33	TUBULAR STEEL SIGN POSTS	LB	25	$4.00	$100.00
675.20	TRAFFIC SIGNS TYPE A	SF	5	$12.00	$60.00
630.15	FLAGGERS	HR	600	$30.00	$18,000.00
641.10	TRAFFIC CONTROL	U	1	$40,000.00	$40,000.00
641.15	PORTABLE CHANGEABLE MESSAGE SIGN	U	2	$4,000.00	$8,000.00
692.00	MOBILIZATION	U	1	$40,000.00	$40,000.00
631.10	FIELD OFFICE, ENGINEERS	U	1	$5,000.00	$5,000.00
699.00	MISCELLANEOUS TEMPORARY EROSION CONTROL AND SEDIMENT CONT	U	1	$24,000.00	$24,000.00
	Running Total				$341,970.00
	Contingency (20%)				$68,394.00
	CONSTRUCTION COST				**$411,000.00**
	OTHER EXPENSES				
	Relocation 2 utility poles				$10,000.00
	Right-of-way (construction easements etc)				$20,000.00
	Slope stabilization and erosion control allowance (at ravine)				$35,000.00
	Retaining wall allowance				$80,000.00
	TOTAL				**$145,000.00**
	Local project management(15%)				$84,000.00
	Design fee (20%)				$112,000.00
	Construction inspection fee (15%)				$84,000.00
	TOTAL				**$280,000.00**
	Grand Total (2020 dollars)				**$836,000.00**
	Assumed Inflation Rate			**2.8%**	
	Grand Total (2030 dollars)				**$1,102,000.00**

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Engineering ❁ Planning ❁ Development ❁ Management

JOB Middlesex Walkable Village

SHEET NO. 1 OF 2

CALCULATED BY: JLU DATE: 3/31/22

CHECKED BY: DATE:

SCALE:

Middlesex Walkable Village Streetscape Renovation

ITEM NO.	DESCRIPTION	UNIT	QUANT.	UNIT PRICE	AMOUNT
203.15	COMMON EXCAVATION	CY	70	$20.00	$1,400.00
406.25	BITUMINOUS CONCRETE PAVEMENT	T	50	$180.67	$9,033.50
404.65	EMULSIFIED ASPHALT	GAL	10	$50.00	$500.00
406.25	BITUMINOUS CONCRETE PAVEMENT	T	50	$200.00	$10,000.00
404.65	EMULSIFIED ASPHALT	GAL	10	$22.00	$220.00
616.21	VERTICAL GRANITE CURB	LF	550	$50.00	$27,500.00
616.22	VERTICAL GRANITE CURB, MOUNTABLE	LF	100	$75.00	$7,500.00
656.80	Landscape Backfill	CY	285	$60.00	$17,111.11
656.35	Deciduous Trees	EA	10	$600.00	$6,000.00
656.35	Deciduous Shrubs	EA	15	$65.00	$975.00
641.10	TRAFFIC CONTROL	U	1	$40,000.00	$40,000.00
641.15	PORTABLE CHANGEABLE MESSAGE SIGN	U	2	$4,300.00	$8,600.00
692.00	MOBILIZATION	U	1	$20,000.00	$20,000.00
699.00	MISCELLANEOUS TEMPORARY EROSION CONTROL AND SEDIMENT CONT	U	1	$9,000.00	$9,000.00
	Running Total				$157,839.61
	Contingency (20%)				$31,567.92
	TOTAL				**$190,000.00**
	OTHER EXPENSES				
	Decorative paving & truck apron (90 SY @ $150/SY)				$13,500.00
	Bike racks				$1,000.00
	Pavement markings				$5,000.00
	Additional streetscaping amenities (benches, parklet elements)				$10,000.00
	TOTAL				**$29,500.00**
	Local project management(15%)				$33,000.00
	Design fee (20%)				$44,000.00
	Construction inspection fee (15%)				$33,000.00
	TOTAL				**$110,000.00**
	Grand Total (2020 dollars)				**$329,500.00**
	Assumed Inflation Rate			**2.8%**	
	Grand Total (2030 dollars)				**$435,000.00**