

WARNER  
APPENDIX F

**KVPartners LLC**

P.O. Box 432, New Boston, NH 03070

(603) 413-6650

**MEMORANDUM**

Project: TAP Application - WARNER, NH

Subject: Planning Level Cost Estimate - 8' PATHWAY PROJECT

Date: March 1, 2021

<b>Pathway/Sidewalk - West Main Street - Route 103 (3,750')</b>					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COSTS
1	Mobilization	1	LS	\$20,000.00	\$20,000
2	Site Preparation	1	LS	\$12,000.00	\$12,000
3	Excavation	2400	CY	\$20.00	\$48,000
4	Rock Excavation	50	CY	\$75.00	\$3,750
5	Crushed Gravel	1,600	CY	\$30.00	\$48,000
6	Cement Concrete Sidewalks (Curb Ramps)	50	SY	\$75.00	\$3,750
7	3" Bituminous Trail	3,500	SY	\$30.00	\$105,000
8	Hot Bituminous Pavement Hand Work	160	TON	\$140.00	\$22,400
9	Granite Curb - Straight	3,400	LF	\$30.00	\$102,000
10	Granite Curb - Curved	240	LF	\$35.00	\$8,400
11	Concrete Class A	140	CY	\$400.00	\$56,000
12	12" HDPE - Drain Pipe	1,800	LF	\$60.00	\$108,000
13	Catch Basin	10	EA	\$3,200.00	\$32,000
14	Adjust Utility Gate or Curb Stop	10	EA	\$250.00	\$2,500
15	Reconstruct Catch Basin or Manhole	6	EA	\$400.00	\$2,400
16	Traffic Signs and Mountings	140	SF	\$50.00	\$7,000
17	Rectangular Rapidly Flashing Beacon	1	LS	\$13,000.00	\$13,000
18	Retroreflective Paint Pave. Markings, 4" Line	4,000	LF	\$0.75	\$3,000
19	Retroreflective Paint Pave. Markings, 12" Line	500	LF	\$2.00	\$1,000
20	Loam and Seed	1,500	SY	\$5.00	\$7,500
21	Maintenance of Traffic	1	LS	\$20,000.00	\$20,000
22	Dust and Erosion Control	1	LS	\$12,000.00	\$12,000
	Miscellaneous (15%)				\$95,655

Total Estimated Construction Costs (2021 Prices) **\$733,355**

Cost Escalation assuming 2023 construction (3% per year) **\$44,001**

**TOTAL ESTIMATED CONSTRUCTION COSTS \$777,356**

Preliminary and Final Design Engineering (16%) **\$124,377**

Right of Way **\$25,000**

Construction Engineering (16%) **\$124,377**

**TAP Grant Application amount \$1,051,110**