

MEMORANDUM

Project: TAP Application - WARNER, NH

Subject: Planning Level Cost Estimate

Date: September 5, 2018

Sidewalk - West Main Street - Route 103 (3,750')					
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	1600	CY	\$15.00	\$24,000
4	Rock Excavation	50	CY	\$75.00	\$3,750
5	Crushed Gravel	800	CY	\$26.00	\$20,800
6	Cement Concrete Sidewalks (Curb Ramps)	50	SY	\$80.00	\$4,000
7	2" Bituminous Sidewalks	2,200	SY	\$20.00	\$44,000
8	Hot Bituminous Pavement Hand Work	160	TON	\$140.00	\$22,400
9	Granite Curb - Straight	3,400	LF	\$31.00	\$105,400
10	Granite Curb - Curved	240	LF	\$39.00	\$9,360
11	Concrete Class A	140	CY	\$300.00	\$42,000
12	12" HDPE - Drain Pipe	1,800	LF	\$55.00	\$99,000
13	Catch Basin	10	EA	\$3,000.00	\$30,000
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	\$15,000.00	\$15,000
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%)				\$76,067

Total Estimated Construction Costs (2018 Prices) \$583,177

Cost Escalation assuming 2020 construction (3% per year) \$34,991

TOTAL ESTIMATED CONSTRUCTION COSTS \$618,167

Preliminary and Final Design Engineering (16%) \$98,907

Right of Way \$5,000

Construction Engineering (16%) \$98,907

TAP Grant Application amount \$820,981