

Opinion of Probable Cost, Town of Marlborough, Milton Train Station Park March 7, 2019								
Item	Description	Quantity	Unit	Unit Cost (Materials)	Price (Materials)	Price (Installation)	Total Price (In Place and Complete)	Town Force Account Labor and Equipment for Installation
General Construction								
	Equipment Rental (dozer, crusher/screen, jackhammer etc.)	1	Lump Sum	\$12,000.00	\$12,000	\$0	\$12,000.00	x
	Basic Work Zone Traffic Control	1	Lump Sum	\$0.00	\$0.00	\$1,000.00	\$1,000.00	x
	Survey and Stakeout	1	Lump Sum	\$0.00	\$4,800.00	\$0	\$4,800.00	town crew?
Erosion and Sediment Control								
	Silt Fence	500	Linear Feet	\$0.55	\$276.00	\$1,760.00	\$2,036.00	x
	Construction Entrance	75	Square Yards	\$0.00	\$0.00	\$1,764.75	\$1,764.75	x
	Turbidity Barrier Material	2	Each	\$600.00	\$1,200.00	\$2,008.00	\$3,208.00	x
Demolition								
	Clearing and Grubbing	1	Lump Sum	\$0.00	\$0	\$5,000	\$5,000.00	x
	Unclassified Excavation and Disposal (Existing Asphalt)	85	Cubic Yards	\$0.00	\$0.00	\$3,182.40	\$3,182.40	x
	Unclassified Excavation and Disposal (Existing Concrete)	85	Cubic Yards	\$0.00	\$0.00	\$3,182.40	\$3,182.40	x
	Unclassified Excavation and Disposal (Grading Operations)	85	Cubic Yards	\$0.00	\$0.00	\$3,182.40	\$3,182.40	x
	Saw Cutting Asphalt Concrete	200	Linear Feet	\$0.00	\$0.00	\$666.00	\$666.00	x
Road								
	Patch road saw cut areas	1	Lump Sum	\$2,000.00	\$2,000	\$2,000	\$4,000.00	x
	Permeable Paver Areas	1620	Square Feet	\$8.00	\$12,960.00	\$12,960.00	\$25,920.00	
Walking Paths--10-foot wide section								
	Gravel diaphragm (Filter fabric, 3/4" stone, 4" perforated HDPE)	250	Linear Feet	\$12.00	\$3,000.00	\$2,750.00	\$5,750.00	x
	Geotextile cell fabric (for subbase in steeper sections)	360	Linear Feet	\$10.00	\$3,600.00	\$3,600.00	\$7,200.00	
	Subbase Course (for geotextile.), Type 4 or 3/4 crushed stone	360	Linear Feet	\$10.00	\$3,600.00	\$3,600.00	\$7,200.00	
	Permeable Paved (acrylic) trail surface	360	Linear Feet	\$50.00	\$18,000.00	\$18,000.00	\$36,000.00	
	Stairway base preparation	248	Square Feet	\$8.00	\$1,984.00	\$1,984.00	\$3,968.00	
	Granite steps	248	Square Feet	\$42.00	\$10,416.00	\$5,208.00	\$15,624.00	

Item	Description	Quantity	Unit	Unit Cost (Materials)	Price (Materials)	Price (Installation)	Total Price (In Place and Complete)	Town Force Account Labor and Equipment for Installation
	Metal pipe stair rail	64	Linear Feet	\$15.00	\$960.00	\$1,280.00	\$2,240.00	
Walking Paths--8-foot wide section								
	Geotextile cell fabric (for subbase in steeper sections)	240	Linear Feet	\$8.00	\$1,920.00	\$2,400.00	\$4,320.00	
	Subbase Course (for geotextile.), Type 4 or 3/4 crushed stone	240	Linear Feet	\$8.00	\$1,920.00	\$2,400.00	\$4,320.00	
	Permeable Paved (acrylic) trail surface	240	Linear Feet	\$40.00	\$9,600.00	\$9,600.00	\$19,200.00	
Overlook at Watson Avenue								
	Poligon Structures pre-engineered steel shelter 7'x9'	1	Lump Sum	\$14,500.00	\$14,500	\$2,500	\$17,000.00	x
	Concrete pads including base prep.piers for shelter	200	Square Feet	\$12.00	\$2,400	\$5,000	\$7,400.00	
Sitework								
	Structural fill (gravel)	150	Cubic Yards	\$40.80	\$6,120.00	\$183.75	\$6,303.75	x
	Granite curb for stream drop	52	Square Feet	\$33.00	\$1,716.00	\$832.00	\$2,548.00	x
Utilities								
	4" Solid schedule 40 PVC Pipe	120	Linear Feet	\$3.00	\$360.00	\$720.00	\$1,080.00	x
Landscape								
	Topsoil	300	Cubic Yards	\$45.00	\$13,500.00	\$9,000.00	\$22,500.00	x
	Mulch	150	Square Yards	\$10.00	\$1,500.00	\$750.00	\$2,250.00	x
	Seeding/restoration/wildflowers	30000	Square Feet	\$0.02	\$720.00	\$8,400.00	\$9,120.00	x
	Shrubs	152	Each	\$20.00	\$3,040.00	\$2,280.00	\$5,320.00	
	Perennials	37	Each	\$12.00	\$444.00	\$555.00	\$999.00	
	Trees	31	Each	\$300.00	\$9,300.00	\$9,300.00	\$18,600.00	
Amenities								
	Benches	5	Each	\$650.00	\$3,250.00	\$3,000.00	\$6,250.00	x
	Picnic Tables	2	Each	\$1,200.00	\$2,400.00	\$1,200.00	\$3,600.00	x
	Bicycle Racks	1	Each	\$600.00	\$600.00	\$200.00	\$800.00	x

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	Interpretive/ Informational Signage	2	Each	\$1,000.00	\$2,000.00	\$600.00	\$2,600.00	x
Summary								
	Subtotals				\$138,086.00	\$132,048.70	\$270,134.70	
	Construction Administration and Inspection	7%			\$18,909.43		\$18,909.43	
	Materials (only) subtotal (Installation by town forces)				<u>\$150,086.00</u>		<u>\$282,134.70</u>	
	Total				\$168,995.43		\$301,044.13	
Behan Planning and Design is providing this opinion of probable cost with the clear understanding and recognition that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgment and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.								