

WARREN PARK

OPINION OF PROBABLE CONSTRUCTION COST

MASSDOT DISTRICT 3
<https://hwy.massdot.state.ma.us/CPE/WeightedAverageBook.aspx>

A. MAJOR ITEMS

Item Number	Item Description	Unit	Quantity	Unit Price	Cost	Notes
PARKING LOT						
697.1	SILT SACK	EA	2	\$199.26	\$398.52	
415.1	PAVEMENT STANDARD MILLING/REMOVE	SF	6435	\$0.90	\$5,798.65	
580	REMOVE AND RESET GRANITE CURBING	LF	120	\$30.00	\$3,600.00	
594	CURB REMOVED AND DISCARDED	FT	90	\$9.52	\$856.80	Concrete curbing from original parking lot
127.1	WALL REMOVAL	LS	1	\$ 4,000.00	\$4,000.00	Concrete wall; 12"
127	CONCRETE EXCAVATION	SF	227	\$18.67	\$4,237.33	Remove existing sidewalk
482.3	SAWCUTTING ASPHALT PAVEMENT	LF	163	\$10.50	\$1,711.50	
	BITUMINIOUS PAVEMENT	SF	6,195	\$9.43	\$58,444.63	2" Surface, 2" Intermediate, 12" Gravel Borrow
504	GRANITE CURB TYPE VA4 - STRAIGHT	LF	210	76.78	\$16,123.80	
701	CONCRETE PAVEMENT	SF	968	\$14.65	\$14,184.42	
701.2	CEMENT CONCRETE PEDESTRIAN CURB RAMP	SF	33	\$12.26	\$404.51	
	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	LF	600	\$0.50	\$300.00	
	ACCESSIBLE PARKING HATCHING	EA	1	\$25.00	\$25.00	
453	HMA JOINT ADHESIVE	LF	57	\$1.06	\$60.42	
765	SEEDING	SF	2,299	\$0.35	\$799.54	Drought tolerant mix, no irrigation
751.1	LOAM FOR LAWNS	SF	2,299	\$1.30	\$2,984.02	6" depth
	DECIDUOUS TREES - 3.5" CAL.	EA	4	\$1,200.00	\$4,800.00	2.5-3in cal
Sub-Total					\$118,729.13	
PARK						
697	SEDIMENTATION FENCE	LF	500	\$7.56	\$3,780.00	
102.521	TREE AND PLANT PROTECTION FENCE	FT	880	\$11.29	\$9,935.20	Length of park walkway
104	TREE REMOVED - DIAMETER 24 INCHES AND OVER	EA	20	\$3,427.91	\$68,558.20	Trees over 24" diameter
105	STUMP REMOVED	EA	10	\$580.87	\$5,808.70	
120.1	UNCLASSIFIED EXCAVATION	CY	300	\$45.00	\$13,500.00	
144	CLASS B ROCK EXCAVATION	CY	30	\$150.00	\$4,500.00	
170	GRADING AND COMPACTING - SUBGRADE AREA	SY	1,200	\$6.00	\$7,200.00	
181.11	DISPOSAL OF UNREGULATED SOIL	TON	280	\$48.00	\$13,440.00	
	STEEL EDGING	LF	870	\$6.00	\$5,220.00	Batterson Park Example
	STONEDUST TRAILS	SF	4,358	\$8.00	\$34,864.00	4" Stabilized Aggregate, Geotextile Fabric, 8" Gravel Borrow
707.9	BICYCLE RACK	EA	1	\$1,500.00	\$1,500.00	
707.1	PARK BENCH	EA	3	\$4,000.00	\$12,000.00	Concrete Pad included
707.2	TRASH RECEPTACLE	EA	2	\$3,000.00	\$6,000.00	
	KIOSK/SIGNAGE	LS	1		\$5,000.00	
	SEGMENTAL RETAINING WALL	SF	525	\$45.00	\$23,625.00	
753.1	LOAM BORROW	CY	100	\$55.00	\$5,500.00	
	LANDSCAPE BOULDER	CY	30	\$1,200.00	\$36,000.00	
	LANDSCAPING	LS	1	\$10,000.00	\$10,000.00	
Sub-Total					\$266,431.10	
Total of All Items					\$385,160.23	
ALTERNATES WITHIN PARK - ADDITIONAL COST FOR EACH						
	PERVIOUS PAVERS	SF	3,384	\$28.61	\$96,827.95	Pavers: \$34.76/ SF vs Stone Dust Trails:\$7.30/ SF
	PEDESTRIAN BRIDGE	LS	1		\$42,000.00	\$800-\$900/LF
Sub-Total					\$138,827.95	

B. LUMP SUM ITEMS (% OF "MAJOR ITEMS" AS INDICATED)						
	CONSTRUCTION STAKING		1%		\$3,851.60	
	MOBILIZATION		5%		\$19,258.01	
	MINOR ITEMS		10%		\$38,516.02	
	ESCALATION		6%		\$23,109.61	
	Total of Lump Sum Items				\$84,735.25	
	SUB-TOTAL (A+B)				\$469,895.48	
	CONTINGENCY		20%		\$93,979.10	
	FULL CONSTRUCTION GRAND TOTAL				\$563,874.58	
	SAY				\$570,000.00	