

9/17/2013

MBTA OPTION

Phase 5 - Create multi-use trail from High Rock Street to Needham Junction Entirely Within MBTA ROW

Item	Description	Quantity	Units	Unit Price	Amount
Clearing and Grubbing	Assumed 10' along trail length	0.60	Acre	\$ 12,000.00	\$ 7,200
Rock Excavation	For section East of High Rock Street Bridge	1200	CY	\$ 75.00	\$ 90,000
Compost Filter Tubes	For areas within 100' of wetland resources	900	FT	\$ 5.00	\$ 4,500
Borrow / Fill Material	For path construction / grading	500	CY	\$ 30.00	\$ 15,000
Culvert Structure	At drainage swale	1	EA	\$ 30,000.00	\$ 30,000
6' Chain Link Fence	To separate trail from tracks	1600	FT	\$ 30.00	\$ 48,000
Wood Rail Fence	Trail sections with retaining wall and/or 2:1 slope or greater	1200	FT	\$ 25.00	\$ 30,000
Modular Block Retaining Wall	To avoid ROW, utility and environmental impacts	8500	SF	\$ 45.00	\$ 382,500
Intersection Approach Treatment	See intersection approach figure in study for details	0.5	EA	\$ 12,500.00	\$ 6,250
10' Trail - Town Forest Connection to Chestnut St	2" compacted stone dust surface over 4" dense graded crushed stone	24750	SF	\$ 2.50	\$ 61,875
Sidewalk Extension At Chestnut Street	To connect to existing sidewalk	70	SY	\$ 50.00	\$ 3,500
Subtotal					\$ 678,825
Contingencies (25%)					\$ 169,706
Total					\$ 848,531
Say					\$ 850,000

NSTAR OPTION

Phase 5 - Create multi-use trail from High Rock Street to Needham Junction Entirely Within NSTAR Property

Item	Description	Quantity	Units	Unit Price	Amount
Clearing and Grubbing	Assumed 10' along 1,300 foot section of trail	0.40	Acre	\$ 12,000.00	\$ 4,800
Compost Filter Tubes	For areas within 100' of wetland resources	900	FT	\$ 5.00	\$ 4,500
Borrow / Fill Material	For path construction / grading	3600	CY	\$ 30.00	\$ 108,000
Culvert Structure	At drainage swale / wetland crossing	2	EA	\$ 30,000.00	\$ 60,000
6' Chain Link Fence	To separate trail from tracks	1600	FT	\$ 30.00	\$ 48,000
Wood Rail Fence	At trail sections with retaining wall and/or 2:1 slope or greater	400	FT	\$ 25.00	\$ 10,000
Modular Block Retaining Wall	To avoid ROW, utility and environmental impacts	4000	SF	\$ 45.00	\$ 180,000
Intersection Approach Treatment	See intersection approach figure in study for details	1	EA	\$ 12,500.00	\$ 12,500
10' Trail - Town Forest Connection to Chestnut St	2" compacted stone dust surface over 4" dense graded crushed stone	15700	SF	\$ 2.50	\$ 39,250
Sidewalk Extension At High Rock Street	To connect to NSTAR access drive	70	SY	\$ 50.00	\$ 3,500
Subtotal					\$ 470,550
Contingencies (25%)					\$ 117,638
Total					\$ 588,188
Say					\$ 600,000