

**25% ESTIMATE
BROADWAY RECONSTRUCTION
CAMBRIDGE, MASSACHUSETTS
AUGUST 2009**

Item No.	Unit	Item Description	Unit Price	Unit Quantity	Total
102.51	EA	Individual Tree Protection	\$200.00	26	\$5,200.00
103.	EA	Tree Removed - Diameter Under 24 Inches	\$600.00	10	\$6,000.00
104.	EA	Tree Removed - Diameter 24 Inches And Over	\$1,100.00	1	\$1,100.00
120.1	CY	Unclassified Excavation	\$25.00	1600	\$40,000.00
129.	SY	Asphalt Pavement Excavation By Cold Planer	\$5.00	7000	\$35,000.00
141.	CY	Class A Trench Excavation	\$25.00	250	\$6,250.00
141.1	CY	Test Pit For Exploration	\$50.00	100	\$5,000.00
142.	CY	Class B Trench Excavation	\$25.00	100	\$2,500.00
146.	EA	Drainage Structure Removed	\$400.00	5	\$2,000.00
150.	CY	Ordinary Borrow	\$24.00	500	\$12,000.00
151.	CY	Gravel Borrow	\$30.00	500	\$15,000.00
170.	SY	Fine Grading And Compacting	\$3.00	4000	\$12,000.00
201.	EA	Catch Basin	\$2,500.00	3	\$7,500.00
202.	EA	Manhole	\$2,500.00	3	\$7,500.00
221.	EA	Frame And Cover	\$600.00	3	\$1,800.00
222.	EA	Frame And Grate	\$550.00	3	\$1,650.00
223.	EA	Frame And Grate (Or Cover) Removed And Reset	\$300.00	3	\$900.00
223.1	EA	Frame And Grate (Or Cover) Removed And Stacked	\$110.00	3	\$330.00
241.12	FT	12 Inch Reinforced Concrete Pipe	\$60.00	100	\$6,000.00
358.	EA	Gate Box Adjusted	\$125.00	20	\$2,500.00

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376.	EA	Hydrant	\$3,500.00	3	\$10,500.00
376.3	EA	Hydrant - Removed And Stacked	\$500.00	3	\$1,500.00
402.	CY	Dense Graded Crushed Stone For Sub-Base	\$60.00	100	\$6,000.00
420.	TON	Hot Mix Asphalt Base Course	\$90.00	250	\$22,500.00
440.	LB	Calcium Chloride For Roadway Dust Control	\$0.50	6500	\$3,250.00
460.	TON	Hot Mix Asphalt	\$90.00	950	\$85,500.00
464.	GAL	Bitumen For Tack Coat	\$6.00	500	\$3,000.00
464.5	FT	Hot Poured Rubberized Asphalt Sealer	\$1.00	3000	\$3,000.00
472.	TON	Hot Mix Asphalt For Miscellaneous Work	\$125.00	200	\$25,000.00
482.3	FT	Sawing Asphalt Pavement	\$3.00	2500	\$7,500.00
504.	FT	Granite Curb Type VA4 - Straight	\$32.00	1000	\$32,000.00
504.1	FT	Granite Curb Type VA4 - Curved	\$42.00	500	\$21,000.00
509.	FT	Granite Transition Curb For Wheelchair Ramps-Straight	\$41.00	150	\$6,150.00
580.	FT	Curb Removed And Reset	\$20.00	2000	\$40,000.00
590.	FT	Curb Removed And Stacked	\$12.00	1000	\$12,000.00
657.51	FT	Temporary Tree Protective Fence	\$10.00	250	\$2,500.00
701.	SY	Cement Concrete Sidewalk	\$40.00	2600	\$104,000.00
701.1	SY	Cement Concrete Sidewalk At Driveways	\$65.00	750	\$48,750.00
701.2	SY	Cement Concrete Wheelchair Ramp	\$95.00	100	\$9,500.00
734	EA	Sign Removed And Reset	\$150.00	10	\$1,500.00

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741.	MO	Engineers Field Office And Equipment (Type B)	\$2,000.00	12	\$24,000.00
748.	LS	Mobilization	\$10,000.00	1	\$10,000.00
751.	CY	Loam Borrow	\$40.00	750	\$30,000.00
765.	SY	Seeding	\$1.50	750	\$1,125.00
777.036	EA	Oak - Northern Red 2-2.5 Inch Caliper	\$500.00	20	\$10,000.00
847.4	EA	Street Name Sign	\$135.00	6	\$810.00
852.	SF	Safety Signing For Construction Operations	\$15.00	300	\$4,500.00
853.1	EA	Portable Breakaway Barricade Type III	\$175.00	6	\$1,050.00
859.	DD	Reflectorized Drum	\$0.45	5000	\$2,250.00
868.04	SF	Pavement Arrows And Legends Refl. White (Epoxy)	\$5.00	250	\$1,250.00
868.06	FT	6 Inch Reflectorized White Line (Epoxy)	\$2.50	2500	\$6,250.00
868.12	FT	12 Inch Reflectorized White Line (Epoxy)	\$5.00	400	\$2,000.00
869.06	FT	6 Inch Reflectorized Yellow Line (Epoxy)	\$2.50	2500	\$6,250.00
869.12	FT	12 Inch Reflectorized Yellow Line (Epoxy)	\$5.00	400	\$2,000.00
874.2	EA	Traffic Sign Removed And Reset	\$100.00	5	\$500.00
874.4	EA	Traffic Sign Removed And Stacked	\$35.00	15	\$525.00
999	HR	Police Detail	\$45.00	1000	\$45,000.00

Subtotal = **\$762,890**
Contingency (25%) = **\$190,723**
Project Total = **\$953,613**
Say **\$955,000**