

75% Item List and Cost Estimate

Project: Trapelo Road / Belmont Street
 Location: Belmont & Watertown Key # 604688

Computed By: JGI
 Checked By: PJB
 Date: 3/14/10
 Revised: 03/14/10
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Item	Unit	Description	Quantity	Cost	
100.01	LS	SCHEDULE OF OPERATIONS - FIXED PRICE \$10,000.00	\$10,000.00	1	\$10,000.00
102.1	FT	TREE TRIMMING	\$5.00	300	\$1,500.00
102.3	FT	SHRUB TRIMMING	\$8.00	85	\$680.00
102.4	SY	HAND EVACUATION ROOT ZONE	\$50.00	280	\$14,000.00
102.5	EA	ROADSIDE TREE PROTECTION	\$150.00	105	\$15,750.00
103.	EA	TREE REMOVED - DIAMETER UNDER 24 INCHES	\$300.00	50	\$15,000.00
104.	EA	TREE REMOVED - DIAMETER 24 INCHES AND OVER	\$1,000.00	4	\$4,000.00
105.	EA	STUMP REMOVED	\$320.00	7	\$2,240.00
120.	CY	EARTH EXCAVATION	\$15.00	11,100	\$166,500.00
120.1	CY	UNCLASSIFIED EXCAVATION	\$23.00	20	\$460.00
121.	CY	CLASS A ROCK EXCAVATION	\$78.00	820	\$63,960.00
127.	CY	CONCRETE EXCAVATION	\$130.00	1,740	\$226,200.00
129.3	CY	OLD PAVEMENT EXCAVATION	\$40.00	2,130	\$85,200.00
129.52	CY	TRACK EXCAVATION- TWO RAILS	\$100.00	120	\$12,000.00
129.54	CY	TRACK EXCAVATION- FOUR RAILS	\$100.00	510	\$51,000.00
141.	CY	CLASS A TRENCH EXCAVATION	\$30.00	180	\$5,400.00
141.1	CY	TEST PIT FOR EXPLORATION	\$50.00	400	\$20,000.00
142.	CY	CLASS B TRENCH EXCAVATION	\$11.00	2,210	\$24,310.00
144.	CY	CLASS B ROCK EXCAVATION	\$100.00	420	\$42,000.00
145.	EA	DRAINAGE STRUCTURE ABANDONED	\$400.00	13	\$5,200.00
146.	EA	DRAINAGE STRUCTURE REMOVED	\$380.00	49	\$18,620.00
150.	CY	ORDINARY BORROW	\$25.00	20	\$500.00
150.1	CY	SPECIAL BORROW	\$30.00	75	\$2,250.00
151.	CY	GRAVEL BORROW	\$32.00	11,000	\$352,000.00
151.2	CY	GRAVEL BORROW FOR BACKFILLING STRUCTURES AND PIPES	\$35.00	4,020	\$140,700.00
153.	CY	CONTROLLED DENSITY FILL - EXCAVATABLE	\$200.00	420	\$84,000.00
156.	TON	CRUSHED STONE	\$40.00	250	\$10,000.00
170.	SY	FINE GRADING AND COMPACTING	\$2.50	42,700	\$106,750.00
180.1	LS	HEALTH AND SAFETY PLAN	\$3,000.00	1	\$3,000.00
180.2	HR	IMPLEMENTATION OF HEALTH AND SAFETY PLAN	\$82.50	60	\$4,950.00
180.3	HR	PERSONNEL PROTECTION LEVEL C UPGRADE	\$15.00	60	\$900.00
180.4	CY	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS	\$50.00	60	\$3,000.00
181.1	TON	DISPOSAL OF CONTAMINATED SOIL	\$75.00	15	\$1,125.00
187.3	CY	REMOVAL AND DISPOSAL OF DRAINAGE STRUCTURE SEDIMENTS	\$225.00	150	\$33,750.00
187.31	FT	REMOVAL AND DISPOSAL OF DRAINAGE PIPE SEDIMENTS	\$4.00	3,020	\$12,080.00
201.5	EA	CATCH BASIN - MUNICIPAL STANDARD	\$2,100.00	106	\$222,600.00
201.52	EA	CATCH BASIN - MUNICIPAL STANDARD TYPE 2	\$2,100.00	4	\$8,400.00
201.53	EA	CATCH BASIN - MUNICIPAL STANDARD TYPE 3	\$2,100.00	10	\$21,000.00
201.54	EA	CATCH BASIN - MUNICIPAL STANDARD TYPE 4	\$2,100.00	2	\$4,200.00
202.	EA	MANHOLE	\$2,400.00	82	\$196,800.00
202.2	EA	MANHOLE (9 TO 14 FOOT DEPTH)	\$3,670.00	10	\$36,700.00
203.	EA	SPECIAL MANHOLE	\$6,000.00	1	\$6,000.00
204.	EA	GUTTER INLET	\$1,200.00	15	\$18,000.00
207.1	EA	DROP INLET, TYPE BF	\$2,500.00	1	\$2,500.00
208.1	EA	DROP INLET, TYPE CF	\$3,000.00	2	\$6,000.00
220.	EA	DRAINAGE STRUCTURE ADJUSTED	\$290.00	265	\$76,850.00
220.2	FT	DRAINAGE STRUCTURE REBUILT	\$260.00	20	\$5,200.00
220.3	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$600.00	12	\$7,200.00
220.5	EA	DRAINAGE STRUCTURE REMODELED	\$495.00	20	\$9,900.00
220.6	FT	SANITARY STRUCTURE REBUILT	\$420.00	7	\$2,940.00
220.7	EA	SANITARY STRUCTURE ADJUSTED	\$285.00	119	\$33,915.00
220.8	EA	SANITARY STRUCTURE REMODELED	\$495.00	7	\$3,465.00
222.3	EA	FRAME AND GRATE (OR COVER) MUNICIPAL STANDARD	\$475.00	380	\$180,500.00
223.	EA	FRAME AND GRATE (OR COVER) REMOVED AND RESET	\$300.00	2	\$600.00
223.1	EA	FRAME AND GRATE (OR COVER) REMOVED AND STACKED	\$40.00	359	\$14,360.00
223.2	EA	FRAME AND GRATE (OR COVER) REMOVED AND DISCARDED	\$50.00	180	\$9,000.00
224.12	EA	12 INCH HOOD	\$325.00	122	\$39,650.00

Item	Unit	Description	Quantity	Cost
227.4	SF	MASONRY PLUG	20	\$1,800.00
238.10	FT	10 INCH DUCTILE IRON PIPE	120	\$8,760.00
238.12	FT	12 INCH DUCTILE IRON PIPE	10	\$850.00
241.12	FT	12 INCH REINFORCED CONCRETE PIPE	4,740	\$237,000.00
241.15	FT	15 INCH REINFORCED CONCRETE PIPE	720	\$36,000.00
241.18	FT	18 INCH REINFORCED CONCRETE PIPE	950	\$52,250.00
241.21	FT	21 INCH REINFORCED CONCRETE PIPE	790	\$45,030.00
241.24	FT	24 INCH REINFORCED CONCRETE PIPE	2,585	\$155,100.00
241.27	FT	27 INCH REINFORCED CONCRETE PIPE	1,960	\$127,400.00
242.12	EA	12 INCH REINFORCED CONCRETE PIPE FLARED END	2	\$1,300.00
269.08	FT	8 INCH SLOT-PERFORATED CORRUGATED PLASTIC PIPE (SUBDRAIN)	215	\$6,450.00
302.06	FT	6 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)	250	\$12,500.00
302.08	FT	8 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)	120	\$7,200.00
302.10	FT	10 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)	120	\$9,720.00
302.12	FT	12 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)	100	\$7,550.00
309.	LB	DUCTILE IRON FITTINGS FOR WATER PIPE	6,800	\$30,600.00
347.075	FT	3/4 INCH COPPER TUBING TYPE K	200	\$6,600.00
347.1	FT	1 INCH COPPER TUBING TYPE K	20	\$800.00
350.06	EA	6 INCH GATE AND GATE BOX	5	\$6,000.00
354.12	EA	12 INCH AND UNDER GATE BOX REMOVED AND RESET	2	\$260.00
357.06	EA	6 INCH GATE BOX	2	\$600.00
357.08	EA	8 INCH GATE BOX	2	\$620.00
357.10	EA	10 INCH GATE BOX	2	\$490.00
357.12	EA	12 INCH GATE BOX	2	\$510.00
358.	EA	GATE BOX ADJUSTED	605	\$69,575.00
369.06	EA	6X6 INCH TAPPING SLEEVE, VALVE AND BOX	2	\$5,200.00
376.2	EA	HYDRANT - REMOVED AND RESET	7	\$13,510.00
376.5	EA	HYDRANT ADJUSTED	2	\$2,000.00
381.1	EA	SERVICE BOX REMOVE AND RESET	2	\$250.00
381.3	EA	SERVICE BOX ADJUSTED	2	\$200.00
384.	EA	CURB STOP	2	\$500.00
384.2	EA	CURB STOP ADJUSTED	175	\$21,000.00
390.	EA	SPRINKLER HEAD REMOVED AND RESET	30	\$3,600.00
390.1	FT	SPRINKLER SYSTEM PIPE	100	\$2,000.00
402.	CY	DENSE GRADED CRUSHED STONE FOR SUB-BASE	900	\$45,000.00
415.	SY	MICRO MILLING	116,800	\$700,800.00
431.1	CY	HIGH EARLY STRENGTH CEMENT CONCRETE BASE COURSE	65	\$9,750.00
440.	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	7,000	\$2,800.00
443.	MGL	WATER FOR ROADWAY DUST CONTROL	7	\$350.00
450.90	TON	CONTRACTOR QUALITY CONTROL	20,150	\$30,225.00
451.	TON	HMA FOR PATCHES	8,150	\$815,000.00
453	FT	HMA JOINT SEALANT	198,800	\$198,800.00
454.5	TON	LATEX MODIFICATION OF HMA	18,150	\$90,750.00
455.23	TON	SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5)	9,150	\$777,750.00
455.31	TON	SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)	9,000	\$765,000.00
455.42	TON	SUPERPAVE BASE COURSE 37.5 (SBC-37.5)	2,050	\$194,750.00
464.	GAL	BITUMEN FOR TACK COAT	11,030	\$55,150.00
472.	TON	HOT MIX ASPHALT FOR MISCELLANEOUS WORK	1,330	\$212,800.00
482.3	FT	SAWING ASPHALT PAVEMENT	83,200	\$166,400.00
482.4	FT	SAWING CEMENT CONCRETE	2,150	\$5,805.00
486.2	SY	COLORED SCORED CEMENT CONCRETE PAVEMENT	910	\$52,052.00
487	SY	RESIN CROSSWALK	480	\$129,600.00
506.	FT	GRANITE CURB TYPE VB - STRAIGHT	6,430	\$160,750.00
506.1	FT	GRANITE CURB TYPE VB - CURVED	2,800	\$92,400.00
509.	FT	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	1,770	\$63,720.00
509.1	FT	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	2,200	\$88,000.00
514.	EA	GRANITE CURB INLET - STRAIGHT	43	\$11,395.00
514.2	EA	GRANITE CURB INLET - STRAIGHT- MUNICIPAL STANDARD	1	\$300.00
515.	EA	GRANITE CURB INLET - CURVED	12	\$3,960.00
516.	EA	GRANITE CURB CORNER TYPE A	426	\$85,200.00
517.	EA	GRANITE CURB CORNER TYPE B	10	\$2,500.00
531.	FT	TIMBER EDGING	330	\$5,280.00
531.1	FT	TIMBER EDGING REMOVED AND RESET	100	\$800.00
532.	FT	QUARTER ROUND CURB	170	\$9,520.00
532.1	FT	QUARTER ROUND CURB REMOVED AND RESET	190	\$4,750.00
533.1	FT	PAVER EDGING REMOVED AND RESET	135	\$2,058.75
570.1	FT	HOT MIX ASPHALT CURB TYPE 1	160	\$3,200.00

Item	Unit	Description	Quantity	Cost	
580.	FT	CURB REMOVED AND RESET	\$15.00	12,980	\$194,700.00
580.1	FT	CURB REMOVED, RELOCATED AND RESET	\$25.00	2,870	\$71,750.00
581.	EA	CURB INLET REMOVED AND RESET	\$75.00	45	\$3,375.00
581.1	EA	CURB INLET REMOVED, RELOCATED AND RESET	\$180.00	48	\$8,640.00
582.	EA	CURB CORNER REMOVED AND RESET	\$100.00	180	\$18,000.00
582.2	EA	CURB CORNER REMOVED, RELOCATED AND RESET	\$100.00	100	\$10,000.00
590.	FT	CURB REMOVED AND STACKED	\$4.50	2,044	\$9,198.00
593.	FT	EDGING REMOVED AND STACKED	\$5.00	135	\$675.00
594.	FT	CURB REMOVED AND DISCARDED	\$5.00	2,285	\$11,425.00
645.130	FT	30 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE PST OPT.)	\$15.00	50	\$750.00
645.142	FT	42 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE PST OPT.)	\$18.00	445	\$8,010.00
645.148	FT	48 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE PST OPT.)	\$20.00	40	\$800.00
645.172	FT	72 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE PST OPT.)	\$35.00	70	\$2,450.00
650.030	FT	30 INCH CHAIN LINK GATE WITH GATE POST	\$40.00	5	\$200.00
650.031	FT	30 INCH CHAIN LINK GATE WITH GATE POST VINYL COATED	\$45.00	5	\$225.00
650.042	FT	42 INCH CHAIN LINK GATE WITH GATE POST	\$50.00	25	\$1,250.00
650.048	FT	48 INCH CHAIN LINK GATE WITH GATE POST	\$60.00	5	\$300.00
650.072	FT	72 INCH CHAIN LINK GATE WITH GATE POST	\$110.00	10	\$1,100.00
653.030	EA	30 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST	\$200.00	5	\$1,000.00
653.042	EA	42 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST	\$210.00	9	\$1,890.00
653.048	EA	48 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST	\$220.00	4	\$880.00
653.072	EA	72 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST	\$240.00	4	\$960.00
654.030	FT	30 INCH CHAIN LINK FENCE FABRIC	\$5.50	10	\$55.00
654.042	FT	42 INCH CHAIN LINK FENCE FABRIC	\$6.00	442	\$2,652.00
654.048	FT	48 INCH CHAIN LINK FENCE FABRIC	\$7.00	39	\$273.00
654.072	FT	72 INCH CHAIN LINK FENCE FABRIC	\$11.00	66	\$726.00
655.30	FT	30 INCH METAL FENCE	\$100.00	305	\$30,500.00
655.31	EA	22 INCH METAL GATE WITH GATE POSTS	\$250.00	1	\$250.00
655.32	EA	30 INCH METAL GATE WITH GATE POSTS	\$260.00	1	\$260.00
666.	FT	CHAIN LINK FENCE REMOVED AND RESET	\$30.00	247	\$7,410.00
668.	EA	CHAIN LINK GATE W/GATE POSTS REMOVED AND RESET	\$1,500.00	1	\$1,500.00
669.	FT	FENCE REMOVED AND STACKED	\$5.00	50	\$250.00
670.1	FT	METAL FENCE REMOVED AND RESET	\$25.00	50	\$1,250.00
672.1	EA	METAL FENCE GATE AND GATE POST REMOVED AND RESET	\$100.00	1	\$100.00
685.	CY	STONE MASONRY WALL IN CEMENT MORTAR	\$550.00	265	\$145,750.00
697.	FT	SEDIMENTATION FENCE	\$3.75	320	\$1,200.00
701.	SY	CEMENT CONCRETE SIDEWALK	\$35.00	11,490	\$402,150.00
701.01	SY	SCORED CEMENT CONCRETE SIDEWALK	\$54.80	5,330	\$292,084.00
701.02	SY	COLORED SCORED CEMENT CONCRETE SIDEWALK	\$57.20	1,220	\$69,784.00
701.1	SY	CEMENT CONCRETE SIDEWALK AT DRIVEWAY	\$50.00	11,490	\$574,500.00
701.11	SY	SCORED CEMENT CONCRETE SIDEWALK AT DRIVEWAY	\$70.00	270	\$18,900.00
701.2	SY	CEMENT CONCRETE WHEELCHAIR RAMP	\$60.00	3,830	\$229,800.00
702.	TON	HOT MIX ASPHALT WALK SURFACE	\$150.00	9	\$1,350.00
703.	TON	HOT MIX ASPHALT DRIVEWAY	\$125.00	216	\$27,000.00
705.	SY	FLAGSTONE WALK	\$200.00	20	\$4,000.00
706.	SY	BRICK WALK	\$200.00	30	\$6,000.00
706.1	SY	BRICK WALK REMOVED AND RELAID	\$150.00	30	\$4,500.00
707.1	EA	PARK BENCH	\$1,700.00	14	\$23,800.00
707.11	EA	PARK BENCH REMOVED AND STACKED	\$100.00	4	\$400.00
707.2	EA	TRASH RECEPCTACLE	\$1,200.00	42	\$50,400.00
707.21	EA	TRASH RECEPCTACLE REMOVED AND STACKED	\$100.00	34	\$3,400.00
707.71	EA	3 INCH WAVERLY TRAIL MEDALLIAN (INSTALLATION ONLY)	\$10.00	136	\$1,360.00
707.72	EA	12 INCH WAVERLY TRAIL MEDALLIAN (INSTALLATION ONLY)	\$50.00	10	\$500.00
707.81	EA	STEEL BOLLARD REMOVED AND RESET	\$300.00	1	\$300.00
707.82	EA	BOLLARD	\$500.00	1	\$500.00
707.9	EA	BICYCLE RACK	\$800.00	22	\$17,600.00
710.4	EA	BOUND - PLAIN GRANITE	\$330.00	12	\$3,960.00
711.	EA	BOUND REMOVED & RESET	\$315.00	8	\$2,520.00
715.1	EA	MAIL BOX REMOVED AND RESET	\$150.00	38	\$5,700.00
740.	MO	ENGINEERS FIELD OFFICE & EQUIPMENT (TYPE A)	\$2,250.00	24	\$54,000.00
745.1	EA	BUS SHELTER REMOVED AND RESET	\$5,250.00	2	\$10,500.00
748.	LS	MOBILIZATION	\$314,000.00	1	\$314,000.00
751.	CY	LOAM BORROW	\$40.00	2,145	\$85,800.00
752.1	CY	TREE PIT	\$69.00	3,500	\$241,500.00
752.3	FT	ROOT PATH	\$16.00	3,190	\$51,040.00
752.4	CY	BIO-SWALE SOIL	\$50.00	245	\$12,250.00
752.5	CY	STRUCTURAL SOIL	\$50.00	100	\$5,000.00

Item	Unit	Description	Quantity	Cost	
756.	LS	NPDES STORM WATER POLLUTION PREVENTION PLAN	\$4,000.00	1	\$4,000.00
765.	SY	SEEDING	\$1.50	6,460	\$9,690.00
767.6	CY	AGED PINE BARK MULCH	\$60.00	485	\$29,100.00
767.8	EA	BALES OF HAY FOR EROSION CONTROL	\$12.00	110	\$1,320.00
770.	SY	LAWN SODDING	\$8.00	226	\$1,808.00
773.238	EA	PINE- RED 8-10 FEET	\$360.00	8	\$2,880.00
773.436	EA	PINE - WHITE 5- 6 FEET	\$135.00	2	\$270.00
775.004	EA	ASH-GREEN 2-2.5 INCH CALIPER	\$387.00	4	\$1,548.00
775.018	EA	BEECH-RIVERS PURPLE 2-2.5 INCH CALIPER	\$450.00	1	\$450.00
775.028	EA	ELM - AMERICAN 'VALLEY FORGE' 2-2.5 INCH CALIPER	\$405.00	122	\$49,410.00
775.054	EA	HORNBEAM FASTIGIATE 2-2.5 INCH CALIPER	\$405.00	11	\$4,455.00
775.061	EA	PAGODA TREE 'REGENT' 2-2.5 INCH CALIPER	\$378.00	8	\$3,024.00
775.148	EA	LINDEN-LITTLE LEAF-'GREENSPIRE' 2-2.5 INCH CALIPER	\$337.50	25	\$8,437.50
775.437	EA	LOCUST-HONEY--'SKYLINE' 2-2.5 INCH CALIPER	\$337.50	24	\$8,100.00
776.042	EA	MAPLE- HEDGE 1.5-2 INCH CALIPER	\$337.50	6	\$2,025.00
776.523	EA	MAPLE-RED-'ARMSTRONG' 2-2.5 INCH CALIPER	\$387.00	21	\$8,127.00
776.543	EA	MAPLE-RED-'OCTOBER GLORY' 2-2.5 INCH CALIPER	\$360.00	50	\$18,000.00
777.036	EA	OAK - NORTHERN RED 2-2.5 INCH CALIPER	\$288.00	9	\$2,592.00
777.142	EA	OAK - PIN GREEN PILLAR 2-2.5 INCH CALIPER	\$450.00	15	\$6,750.00
777.164	EA	OAK - PYRAMIDAL ENGLISH 2-2.5 INCH CALIPER	\$450.00	22	\$9,900.00
777.241	EA	OAK-SCARLET 2-2.5 INCH CALIPER	\$405.00	35	\$14,175.00
777.331	EA	OAK-WHITE 2-2.5 INCH CALPIER	\$382.50	9	\$3,442.50
777.542	EA	PLANETREE - LONDON 2-2.5 INCH CALIPER	\$288.00	12	\$3,456.00
778.412	EA	CRABAPPLE-'ADIRONDACK' 1.5-2 INCH CALIPER	\$247.50	12	\$2,970.00
781.152	EA	GINKGO-BILOBA 2-2.5 INCH CALIPER	\$414.00	33	\$13,662.00
781.155	EA	GINKGO-BILOBA 'FASTIGIATA' 2-2.5 INCH CALIPER	\$450.00	3	\$1,350.00
781.578	EA	LILAC TREE-JAPANESE 1.5-2 INCH CALIPER	\$369.00	5	\$1,845.00
782.252	EA	MOUNTAIN ASH-KOREAN-PYRAMIDAL 1.5-2 INCH CALIPER	\$425.00	4	\$1,700.00
782.423	EA	PEAR - CALLERY - 'CHANTICLEER' 2-2.5 INCH CALIPER	\$270.00	14	\$3,780.00
785.643	EA	INKBERRY-'DENZA 2-3 FEET	\$60.00	42	\$2,520.00
786.461	EA	JUNIPER - SARGENT'S GREEN 15-18 INCH	\$40.00	8	\$320.00
786.471	EA	JUNIPER - 'SEAGREEN' 18-24 INCH	\$55.00	32	\$1,760.00
787.245	EA	YEW HICK'S 30-36 INCH	\$100.00	8	\$800.00
787.262	EA	YEW SPREADING ENGLISH 15-18 INCH SPREAD	\$90.00	16	\$1,440.00
791.251	EA	FORSYTHIA - 'ARNOLDS DWARF' 15-24 INCH	\$50.00	1	\$50.00
793.331	EA	PRIVET- REGAL 18-24 INCH	\$50.00	9	\$450.00
796.011	EA	BEAR BERRY 2 GALLON	\$30.00	9	\$270.00
796.432	EA	DWARF FOUNTAIN GRASS - 'HAMELN' 1 GALLON	\$20.00	62	\$1,240.00
804.3	FT	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC (UL)	\$25.00	5,720	\$143,000.00
804.32	FT	3 INCH ELECTRICAL CONDUIT TYPE NM (DOUBLE) - PLASTIC (UL)	\$28.00	990	\$27,720.00
804.33	FT	3 INCH ELECTRICAL CONDUIT TYPE NM (TRIPLE) - PLASTIC (UL)	\$30.00	90	\$2,700.00
811.31	EA	PULL BOX 12 X 12 INCHES - SD2.031	\$500.00	35	\$17,500.00
811.32	EA	PULL BOX 12 X 24 INCHES	\$800.00	23	\$18,400.00
811.36	EA	ELECTRIC MANHOLE ADJUSTED	\$400.00	15	\$6,000.00
813.79	LS	INTERCONNECT CABLE SYSTEM	\$20,000.00	1	\$20,000.00
815.03	LS	TRAFFIC CONTROL SIGNAL LOCATION 3	\$155,000.00	1	\$155,000.00
816.01	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 1	\$155,000.00	1	\$155,000.00
816.02	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 2	\$70,000.00	1	\$70,000.00
816.04	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 4	\$225,000.00	1	\$225,000.00
816.05	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 5	\$155,000.00	1	\$155,000.00
816.06	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 6	\$75,000.00	1	\$75,000.00
816.07	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 7	\$150,000.00	1	\$150,000.00
816.08	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 8	\$145,000.00	1	\$145,000.00
816.09	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 9	\$160,000.00	1	\$160,000.00
816.10	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 10	\$165,000.00	1	\$165,000.00
816.11	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 11	\$70,000.00	1	\$70,000.00
816.12	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 12	\$160,000.00	1	\$160,000.00
816.13	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 13	\$135,000.00	1	\$135,000.00
823.75	EA	MBTA CATENARY POLE REMOVED AND STACKED	\$400.00	59	\$23,600.00
823.76	EA	MBTA CATENARY POLE	\$815.00	59	\$48,085.00
823.77	EA	MBTA CATENARY POLE -CLEANED AND PAINTED	\$525.00	160	\$84,000.00
823.78	EA	MBTA POLE PROTECTION	\$100.00	5	\$500.00
826.51	EA	FIRE ALARM BOX REMOVED AND RESET	\$1,500.00	1	\$1,500.00
827.21	EA	24 INCH WARNING CLUSTER (H1-2) - ALUMINUM PANEL (TYPE A)	\$125.00	4	\$500.00
831.1	SF	ROADSIDE GUIDE SIGN (FR) 25 SF & UNDER-ALUM.PANEL(TYPE A)	\$23.00	118	\$2,714.00
832.1	SF	WARNING-REGULATORY & ROUTE MARKER - ALUM. PANEL (TYPE A)	\$10.00	1,620	\$16,200.00
841.1	EA	SUPPORTS FOR GUIDE SIGN (D6 W/ D8-5 INCH TUBULAR POST) STEEL	\$1,200.00	3	\$3,600.00

Item	Unit	Description	Quantity	Cost	
847.1	EA	SIGN SUP (N/GUIDE)+RTE MKR W/I BRKWAY POST ASSEMBLY - STEEL	\$100.00	305	\$30,500.00
850.41	HR	ROADWAY FLAGGER	\$45.00	2,090	\$94,050.00
851.	UD	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS	\$55.00	651	\$35,805.00
852.	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$14.00	1,660	\$23,240.00
853.1	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$125.00	20	\$2,500.00
853.2	FT	TEMPORARY PRECAST CONCRETE MEDIAN BARRIER	\$40.00	200	\$8,000.00
853.21	FT	TEMPORARY PRECAST CONCRETE MEDIAN BARRIER R & R	\$10.00	400	\$4,000.00
853.41	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, INCAPABLE OF REDIRECTION	\$3,000.00	1	\$3,000.00
853.411	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, INCAPABLE OF REDIRECTION R&R	\$1,000.00	2	\$2,000.00
854.014	FT	TEMPORARY PAVING MARKINGS - 4 IN. (PAINTED)	\$0.25	27,580	\$6,895.00
854.016	FT	TEMPORARY PAVING MARKINGS - 6 IN. (PAINTED)	\$0.20	45,600	\$9,120.00
854.034	LF	TEMPORARY PAVEMENT MARKINGS - 4 IN. (REMOVABLE TAPE)	\$1.00	6,895	\$6,895.00
854.036	LF	TEMPORARY PAVEMENT MARKINGS - 6 IN. (REMOVABLE TAPE)	\$1.00	18,240	\$18,240.00
854.1	SF	PAVEMENT MARKING REMOVAL - PAINT	\$1.00	32,000	\$32,000.00
854.3	SF	PAVEMENT MARKING REMOVAL - TAPE	\$1.25	11,419	\$14,273.75
856.	UD	SPECIAL LIGHTING UNIT (FLASHING ARROW)	\$10.00	40	\$400.00
856.12	UD	PORTABLE CHANGEABLE MESSAGE SIGN	\$20.00	60	\$1,200.00
859.	DD	REFLECTORIZED DRUM	\$0.30	14,400	\$4,320.00
864.04	SF	PAVEMENT ARROWS AND LEGENDS REFL. WHITE (THERMOPLASTIC)	\$4.10	1,510	\$6,191.00
865.1	SF	CROSS WALKS AND STOP LINES REFL. WHITE (THERMOPLASTIC)	\$1.50	31,500	\$47,250.00
866.04	FT	4 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$0.55	11,700	\$6,435.00
866.06	FT	6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$0.60	32,850	\$19,710.00
866.08	FT	8 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$1.00	260	\$260.00
867.04	FT	4 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$0.55	27,500	\$15,125.00
867.08	FT	6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$0.50	50	\$25.00
867.12	FT	12 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$1.50	265	\$397.50
874.	EA	STREET NAME SIGN	\$72.00	68	\$4,896.00
874.11	EA	STREET SIGN WITHOUT POST	\$80.00	31	\$2,480.00
874.2	EA	TRAFFIC SIGN REMOVED AND RESET	\$85.00	38	\$3,230.00
874.4	EA	TRAFFIC SIGN REMOVED AND STACKED	\$30.00	400	\$12,000.00
874.7	EA	MISCELLANEOUS SIGNS REMOVED AND STACKED	\$50.00	20	\$1,000.00
874.8	EA	MISCELLANEOUS SIGNS REMOVED AND RESET	\$550.00	18	\$9,900.00
901.3	CY	4000 PSI, 1.5 IN., 565 CEMENT CONCRETE FOR POST FOUNDATION	\$400.00	1	\$400.00
903.	CY	3000 PSI, 1.5 IN., 470 CEMENT CONCRETE	\$250.00	5	\$1,250.00
Grand Total:					\$14,049,122
Say					\$14,100,000

