

100% Item List and Cost Estimate

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

Computed By: JGI, KL, DS, CLB

Checked By: PJB

Date: 3/1/12

Revised: 3/1/12

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Item	Unit	Description	Quantity	Cost	
100.01	LS	SCHEDULE OF OPERATIONS - FIXED PRICE \$82,500.00	\$82,500.00	1	\$82,500.00
102.1	FT	TREE TRIMMING	\$10.00	300	\$3,000.00
102.3	FT	SHRUB TRIMMING	\$8.00	35	\$280.00
102.4	SY	HAND EXCAVATION ROOT ZONE	\$50.00	830	\$41,500.00
102.5	EA	ROADSIDE TREE PROTECTION	\$150.00	110	\$16,500.00
103.	EA	TREE REMOVED - DIAMETER UNDER 24 INCHES	\$630.00	51	\$32,130.00
104.	EA	TREE REMOVED - DIAMETER 24 INCHES AND OVER	\$1,200.00	3	\$3,600.00
105.	EA	STUMP REMOVED	\$270.00	7	\$1,890.00
120.	CY	EARTH EXCAVATION	\$17.00	11,000	\$187,000.00
121.	CY	CLASS A ROCK EXCAVATION	\$50.00	820	\$41,000.00
127.	CY	CONCRETE EXCAVATION	\$130.00	2,600	\$338,000.00
129.3	CY	OLD PAVEMENT EXCAVATION	\$30.00	2,130	\$63,900.00
129.52	FT	TRACK EXCAVATION- TWO RAILS	\$42.00	290	\$12,180.00
129.54	FT	TRACK EXCAVATION- FOUR RAILS	\$60.00	1,320	\$79,200.00
141.	CY	CLASS A TRENCH EXCAVATION	\$25.00	180	\$4,500.00
141.1	CY	TEST PIT FOR EXPLORATION	\$45.00	700	\$31,500.00
142.	CY	CLASS B TRENCH EXCAVATION	\$10.00	4,960	\$49,600.00
144.	CY	CLASS B ROCK EXCAVATION	\$100.00	880	\$88,000.00
145.	EA	DRAINAGE STRUCTURE ABANDONED	\$275.00	48	\$13,200.00
146.	EA	DRAINAGE STRUCTURE REMOVED	\$350.00	13	\$4,550.00
150.1	CY	SPECIAL BORROW	\$30.00	75	\$2,250.00
151.	CY	GRAVEL BORROW	\$20.00	10,750	\$215,000.00
151.2	CY	GRAVEL BORROW FOR BACKFILLING STRUCTURES AND PIPES	\$35.00	190	\$6,650.00
153.	CY	CONTROLLED DENSITY FILL - EXCAVATABLE	\$120.00	150	\$18,000.00
156.	TON	CRUSHED STONE	\$32.00	80	\$2,560.00
170.	SY	FINE GRADING AND COMPACTING	\$2.50	42,500	\$106,250.00
180.1	LS	HEALTH AND SAFETY PLAN	\$5,000.00	1	\$5,000.00
180.2	HR	IMPLEMENTATION OF HEALTH AND SAFETY PLAN	\$80.00	60	\$4,800.00
180.3	HR	PERSONNEL PROTECTION LEVEL C UPGRADE	\$15.00	60	\$900.00
180.4	CY	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS	\$35.00	60	\$2,100.00
181.1	TON	DISPOSAL OF CONTAMINATED SOIL	\$75.00	15	\$1,125.00
184.1	TON	DISPOSAL OF TREATED WOOD PRODUCTS	\$150.00	250	\$37,500.00
201.5	EA	CATCH BASIN - MUNICIPAL STANDARD	\$2,100.00	97	\$203,700.00
201.52	EA	CATCH BASIN - MUNICIPAL STANDARD TYPE 2	\$2,100.00	2	\$4,200.00
201.53	EA	CATCH BASIN - MUNICIPAL STANDARD TYPE 3	\$2,100.00	26	\$54,600.00
201.54	EA	CATCH BASIN - MUNICIPAL STANDARD TYPE 4	\$2,100.00	2	\$4,200.00
202.	EA	MANHOLE	\$2,200.00	97	\$213,400.00
202.2	EA	MANHOLE (9 TO 14 FOOT DEPTH)	\$3,600.00	6	\$21,600.00
203.	EA	SPECIAL MANHOLE	\$4,000.00	2	\$8,000.00
204.	EA	GUTTER INLET	\$1,200.00	15	\$18,000.00
207.1	EA	DROP INLET, TYPE BF	\$2,050.00	1	\$2,050.00
208.1	EA	DROP INLET, TYPE CF	\$3,000.00	3	\$9,000.00
220.	EA	DRAINAGE STRUCTURE ADJUSTED	\$275.00	1,190	\$327,250.00
220.1	EA	DRAINAGE STRUCTURE REMOVED AND RESET	\$500.00	1	\$500.00
220.2	FT	DRAINAGE STRUCTURE REBUILT	\$220.00	10	\$2,200.00
220.3	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$650.00	6	\$3,900.00
220.4	EA	GALVANIZED CURB COVER	\$1,200.00	5	\$6,000.00
220.5	EA	DRAINAGE STRUCTURE REMODELED	\$450.00	18	\$8,100.00
220.6	FT	SANITARY STRUCTURE REBUILT	\$220.00	30	\$6,600.00
220.7	EA	SANITARY STRUCTURE ADJUSTED	\$200.00	119	\$23,800.00
220.8	EA	SANITARY STRUCTURE REMODELED	\$500.00	7	\$3,500.00
222.3	EA	FRAME AND GRATE (OR COVER) MUNICIPAL STANDARD	\$610.00	225	\$137,250.00
223.	EA	FRAME AND GRATE (OR COVER) REMOVED AND RESET	\$275.00	49	\$13,475.00
223.1	EA	FRAME AND GRATE (OR COVER) REMOVED AND STACKED	\$100.00	12	\$1,200.00
224.12	EA	12 INCH HOOD	\$330.00	127	\$41,910.00
227.4	SF	MASONRY PLUG	\$75.00	35	\$2,625.00
238.08	FT	8 INCH DUCTILE IRON PIPE	\$70.00	30	\$2,100.00

Item	Unit	Description	Quantity	Cost	
238.10	FT	10 INCH DUCTILE IRON PIPE	\$75.00	340	\$25,500.00
238.12	FT	12 INCH DUCTILE IRON PIPE	\$90.00	30	\$2,700.00
241.12	FT	12 INCH REINFORCED CONCRETE PIPE	\$50.00	4,310	\$215,500.00
241.15	FT	15 INCH REINFORCED CONCRETE PIPE	\$55.00	1,145	\$62,975.00
241.18	FT	18 INCH REINFORCED CONCRETE PIPE	\$57.50	920	\$52,900.00
241.21	FT	21 INCH REINFORCED CONCRETE PIPE	\$60.00	761	\$45,660.00
241.24	FT	24 INCH REINFORCED CONCRETE PIPE	\$65.00	2,610	\$169,650.00
241.27	FT	27 INCH REINFORCED CONCRETE PIPE	\$70.00	1,940	\$135,800.00
242.12	EA	12 INCH REINFORCED CONCRETE PIPE FLARED END	\$650.00	2	\$1,300.00
269.08	FT	8 INCH SLOT-PERFORATED CORRUGATED PLASTIC PIPE (SUBDRAIN)	\$30.00	215	\$6,450.00
302.06	FT	6 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)	\$60.00	140	\$8,400.00
302.08	FT	8 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)	\$70.00	150	\$10,500.00
302.10	FT	10 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)	\$81.00	120	\$9,720.00
302.12	FT	12 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)	\$90.00	20	\$1,800.00
309.	LB	DUCTILE IRON FITTINGS FOR WATER PIPE	\$5.00	8,100	\$40,500.00
347.075	FT	3/4 INCH COPPER TUBING TYPE K	\$35.00	400	\$14,000.00
347.1	FT	1 INCH COPPER TUBING TYPE K	\$40.00	20	\$800.00
347.15	FT	1 1/2 INCH COPPER TUBING TYPE K	\$45.00	10	\$450.00
350.06	EA	6 INCH GATE AND GATE BOX	\$1,050.00	5	\$5,250.00
354.12	EA	12 INCH AND UNDER GATE BOX REMOVED AND RESET	\$130.00	50	\$6,500.00
357.06	EA	6 INCH GATE BOX	\$300.00	2	\$600.00
357.08	EA	8 INCH GATE BOX	\$300.00	2	\$600.00
357.10	EA	10 INCH GATE BOX	\$300.00	2	\$600.00
357.12	EA	12 INCH GATE BOX	\$225.00	2	\$450.00
358.	EA	GATE BOX ADJUSTED	\$110.00	810	\$89,100.00
376.2	EA	HYDRANT - REMOVED AND RESET	\$1,500.00	8	\$12,000.00
376.5	EA	HYDRANT ADJUSTED	\$1,000.00	2	\$2,000.00
381.	EA	SERVICE BOX	\$185.00	7	\$1,295.00
381.1	EA	SERVICE BOX REMOVED AND RESET	\$250.00	2	\$500.00
381.3	EA	SERVICE BOX ADJUSTED	\$100.00	190	\$19,000.00
383.3	LS	METER CHAMBER REMOVED AND RESET	\$400.00	2	\$800.00
384.	EA	CURB STOP	\$285.00	7	\$1,995.00
384.2	EA	CURB STOP ADJUSTED	\$130.00	5	\$650.00
390.	EA	SPRINKLER HEAD REMOVED AND RESET	\$150.00	30	\$4,500.00
390.1	FT	SPRINKLER SYSTEM PIPE	\$25.00	100	\$2,500.00
402.	CY	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$50.00	870	\$43,500.00
415.	SY	PAVEMENT MICROMILLING	\$3.00	116,100	\$348,300.00
431.	SY	HIGH EARLY STRENGTH CEMENT CONCRETE BASE COURSE	\$43.00	195	\$8,385.00
440.	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.35	22,400	\$7,840.00
443.	MGL	WATER FOR ROADWAY DUST CONTROL	\$50.00	23	\$1,150.00
450.90	TON	CONTRACTOR QUALITY CONTROL	\$2.00	21,650	\$43,300.00
451.	TON	HMA FOR PATCHING	\$110.00	7,000	\$770,000.00
452.	GAL	ASPHALT EMULSION FOR TACK COAT	\$4.80	10,830	\$51,984.00
453	FT	HMA JOINT SEALANT	\$0.33	203,750	\$67,237.50
454.5	LB	LATEX MODIFICATION OF HMA	\$5.00	19,550	\$97,750.00
455.23	TON	SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5)	\$75.00	9,850	\$738,750.00
455.31	TON	SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)	\$80.00	9,700	\$776,000.00
455.42	TON	SUPERPAVE BASE COURSE 37.5 (SBC-37.5)	\$93.00	2,200	\$204,600.00
455.52	TON	SUPERPAVE LEVELING COURSE 9.5 (SLC-9.5)	\$95.00	20	\$1,900.00
472.	TON	HOT MIX ASPHALT FOR MISCELLANEOUS WORK	\$125.00	1,100	\$137,500.00
482.15	GAL	HOT APPLIED ASPHALTIC CRACK FILLER (POLYESTER FIBERS)	\$30.00	550	\$16,500.00
482.3	FT	SAWING ASPHALT PAVEMENT	\$1.00	88,350	\$88,350.00
482.4	FT	SAWING CEMENT CONCRETE	\$2.70	2,150	\$5,805.00
486.2	SY	COLORED SCORED CEMENT CONCRETE PAVEMENT	\$57.20	930	\$53,196.00
487	SY	RESIN CROSSWALK	\$270.00	480	\$129,600.00
506.	FT	GRANITE CURB TYPE VB - STRAIGHT	\$26.00	6,340	\$164,840.00
506.1	FT	GRANITE CURB TYPE VB - CURVED	\$30.00	3,150	\$94,500.00
509.	FT	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$35.00	1,730	\$60,550.00
509.1	FT	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	\$40.00	2,200	\$88,000.00
509.2	FT	GRANITE CURB FOR MBTA POLE - STRAIGHT	\$50.00	248	\$12,400.00
514.	EA	GRANITE CURB INLET - STRAIGHT	\$290.00	41	\$11,890.00
514.2	EA	GRANITE CURB INLET - STRAIGHT- MUNICIPAL STANDARD	\$322.50	1	\$322.50
515.	EA	GRANITE CURB INLET - CURVED	\$325.00	12	\$3,900.00
516.	EA	GRANITE CURB CORNER TYPE A	\$180.00	339	\$61,020.00
531.	FT	TIMBER EDGING	\$16.00	330	\$5,280.00
531.1	FT	TIMBER EDGING REMOVED AND RESET	\$8.00	100	\$800.00
532.	FT	CEMENT CONCRETE QUARTER ROUND CURB	\$56.00	170	\$9,520.00

Item	Unit	Description	Quantity	Cost	
532.1	FT	CEMENT CONCRETE QUARTER ROUND CURB REMOVED AND RESET	\$25.00	190	\$4,750.00
533.1	FT	PAVER EDGING REMOVED AND RESET	\$15.25	135	\$2,058.75
570.1	FT	HOT MIX ASPHALT CURB TYPE 1	\$10.00	160	\$1,600.00
580.	FT	CURB REMOVED AND RESET	\$15.00	12,650	\$189,750.00
580.1	FT	CURB REMOVED, RELOCATED AND RESET	\$20.00	2,810	\$56,200.00
581.	EA	CURB INLET REMOVED AND RESET	\$80.00	43	\$3,440.00
581.1	EA	CURB INLET REMOVED, RELOCATED AND RESET	\$112.50	48	\$5,400.00
582.	EA	CURB CORNER REMOVED AND RESET	\$45.00	180	\$8,100.00
582.2	EA	CURB CORNER REMOVED, RELOCATED AND RESET	\$100.00	100	\$10,000.00
590.	FT	CURB REMOVED AND STACKED	\$4.00	2,208	\$8,832.00
593.	FT	EDGING REMOVED AND STACKED	\$5.00	135	\$675.00
594.	FT	CURB REMOVED AND DISCARDED	\$4.00	2,240	\$8,960.00
645.142	FT	42 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE PST OPT.)	\$22.00	60	\$1,320.00
645.148	FT	48 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE PST OPT.)	\$28.00	40	\$1,120.00
645.172	FT	72 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE PST OPT.)	\$35.00	70	\$2,450.00
650.042	FT	42 INCH CHAIN LINK GATE WITH GATE POST	\$80.00	5	\$400.00
650.048	FT	48 INCH CHAIN LINK GATE WITH GATE POST	\$90.00	5	\$450.00
650.072	FT	72 INCH CHAIN LINK GATE WITH GATE POST	\$110.00	10	\$1,100.00
653.042	EA	42 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST	\$250.00	4	\$1,000.00
653.048	EA	48 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST	\$250.00	4	\$1,000.00
653.072	EA	72 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST	\$250.00	4	\$1,000.00
654.042	FT	42 INCH CHAIN LINK FENCE FABRIC	\$6.00	60	\$360.00
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
666.	FT	CHAIN LINK FENCE REMOVED AND RESET	\$21.00	325	\$6,825.00
668.	EA	CHAIN LINK GATE W/GATE POSTS REMOVED & RESET	\$805.00	1	\$805.00
670.1	FT	METAL FENCE REMOVED AND RESET	\$35.00	64	\$2,240.00
672.1	EA	METAL FENCE GATE AND GATE POST REMOVED AND RESET	\$200.00	5	\$1,000.00
685.3	CY	STONE MASONRY WALL IN CEMENT MORTAR (BALANCED)	\$600.00	110	\$66,000.00
690.	CY	STONE MASONRY WALL REMOVED AND REBUILT IN CEMENT MORTAR	\$550.00	155	\$85,250.00
697.	FT	SEDIMENTATION FENCE	\$4.00	440	\$1,760.00
697.1	EA	SILT SACK	\$120.00	203	\$24,360.00
701.	SY	CEMENT CONCRETE SIDEWALK	\$35.00	11,180	\$391,300.00
701.01	SY	SCORED CEMENT CONCRETE SIDEWALK	\$54.80	5,450	\$298,660.00
701.02	SY	COLORLED SCORED CEMENT CONCRETE SIDEWALK	\$7.20	1,280	\$73,216.00
701.1	SY	CEMENT CONCRETE SIDEWALK AT DRIVEWAY	\$42.00	3,400	\$142,800.00
701.11	SY	SCORED CEMENT CONCRETE SIDEWALK AT DRIVEWAY	\$70.00	270	\$18,900.00
701.2	SY	CEMENT CONCRETE WHEELCHAIR RAMP	\$60.00	3,740	\$224,400.00
702.	TON	HOT MIX ASPHALT WALK SURFACE	\$140.00	9	\$1,260.00
703.	TON	HOT MIX ASPHALT DRIVEWAY	\$135.00	204	\$27,540.00
705.1	SY	FLAGSTONE WALK REMOVED AND RELAID	\$300.00	5	\$1,500.00
706.1	SY	BRICK WALK REMOVED AND RELAID	\$135.00	5	\$675.00
707.1	EA	PARK BENCH	\$1,700.00	14	\$23,800.00
707.11	EA	PARK BENCH REMOVED AND STACKED	\$100.00	5	\$500.00
707.12	EA	REPLACEMENT BENCH PLAQUE	\$50.00	5	\$250.00
707.2	EA	TRASH RECEEPTACLE	\$1,200.00	37	\$44,400.00
707.21	EA	TRASH RECEEPTACLE REMOVED AND STACKED	\$100.00	34	\$3,400.00
707.71	EA	3 INCH WAVERLEY TRAIL MEDALLION (INSTALLATION ONLY)	\$10.00	136	\$1,360.00
707.72	EA	12 INCH WAVERLEY TRAIL MEDALLION (INSTALLATION ONLY)	\$50.00	10	\$500.00
707.81	EA	WAVERLEY TRAIL SIGN REMOVED AND RESET	\$300.00	50	\$15,000.00
707.82	LS	ELECTRIC BOLLARD SYSTEM LOCATION 1	\$6,790.00	1	\$6,790.00
707.83	LS	ELECTRIC BOLLARD SYSTEM LOCATION 2	\$21,020.00	1	\$21,020.00
707.9	EA	BICYCLE RACK	\$800.00	22	\$17,600.00
710.4	EA	BOUND - PLAIN GRANITE	\$330.00	5	\$1,650.00
711.	EA	BOUND REMOVED AND RESET	\$300.00	8	\$2,400.00
716.	EA	BARBER SHOP POST REMOVED & RESET	\$300.00	1	\$300.00
740.	MO	ENGINEERS FIELD OFFICE & EQUIPMENT (TYPE A)	\$2,375.00	30	\$71,250.00
745.1	EA	PEDESTRIAN BUS SHELTER REMOVED AND RESET	\$5,250.00	2	\$10,500.00
745.3	EA	PEDESTRIAN BUS SHELTER INSTALLED	\$1,000.00	7	\$7,000.00
748.	LS	MOBILIZATION	\$288,000.00	1	\$288,000.00
751.	CY	LOAM BORROW	\$32.00	2,245	\$71,840.00
752.1	CY	TREE PIT	\$69.00	3,710	\$255,990.00
752.3	FT	ROOT PATH	\$16.00	3,190	\$51,040.00
752.31	FT	BIAXIAL SOIL REINFORCING GRID	\$5.00	6,380	\$31,900.00
752.4	CY	BIO-SWALE SOIL	\$50.00	245	\$12,250.00
752.5	CY	STRUCTURAL SOIL	\$50.00	100	\$5,000.00
756.	LS	NPDES STORM WATER POLLUTION PREVENTION PLAN	\$3,500.00	1	\$3,500.00

Item	Unit	Description	Quantity	Cost	
765.	SY	SEEDING			
			\$1.20	6,790	\$8,148.00
767.6	CY	AGED PINE BARK MULCH	\$43.00	475	\$20,425.00
767.8	EA	BALES OF HAY FOR EROSION CONTROL	\$11.00	150	\$1,650.00
770.	SY	LAWN SODDING	\$15.00	226	\$3,390.00
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	119	\$48,195.00
775.054	EA	HORNBEAM FASTIGIATE 2-2.5 INCH CALIPER	\$405.00	13	\$5,265.00
775.128	EA	KATSURA TREE 2-2.5 INCH CALIPER	\$405.00	3	\$1,215.00
775.061	EA	PAGODA TREE 'REGENT' 2-2.5 INCH CALIPER	\$378.00	3	\$1,134.00
775.148	EA	LINDEN-LITTLE LEAF-GREENSPIRE' 2-2.5 INCH CALIPER	\$337.50	24	\$8,100.00
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	4	\$1,350.00
776.523	EA	MAPLE-RED-'ARMSTRONG' 2-2.5 INCH CALIPER	\$387.00	16	\$6,192.00
776.543	EA	MAPLE-RED-'OCTOBER GLORY' 2-2.5 INCH CALIPER	\$360.00	32	\$11,520.00
777.036	EA	OAK - NORTHERN RED 2-2.5 INCH CALIPER	\$288.00	8	\$2,304.00
777.142	EA	OAK - PIN GREEN PILLAR 2-2.5 INCH CALIPER	\$450.00	14	\$6,300.00
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	32	\$12,960.00
777.331	EA	OAK-WHITE 2-2.5 INCH CALPIER	\$382.50	5	\$1,912.50
777.542	EA	PLANETREE - LONDON 2-2.5 INCH CALIPER	\$288.00	11	\$3,168.00
778.412	EA	CRABAPPLE-'ADIRONDACK' 1.5-2 INCH CALIPER	\$247.50	5	\$1,237.50
781.152	EA	GINKGO-BILOBA 2-2.5 INCH CALIPER	\$414.00	26	\$10,764.00
781.155	EA	GINKGO-BILOBA 'FASTIGIATA' 2-2.5 INCH CALIPER	\$450.00	4	\$1,800.00
781.578	EA	LILAC TREE-JAPANESE 1.5-2 INCH CALIPER	\$369.00	5	\$1,845.00
782.252	EA	MOUNTAIN ASH-KOREAN-PRYAMIDAL 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-DENSA 2-3 FEET	\$60.00	41	\$2,460.00
786.461	EA	JUNIPER - SARGENT'S GREEN 15-18 INCH	\$40.00	6	\$240.00
786.471	EA	JUNIPER - 'SEAGREEN' 18-24 INCH	\$55.00	8	\$440.00
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	13	\$1,170.00
791.251	EA	FORSYTHIA - 'ARNOLDS DWARF' 15-24 INCH	\$50.00	1	\$50.00
793.331	EA	PRIVET- REGAL 18-24 INCH	\$50.00	4	\$200.00
796.011	EA	BEAR BERRY 2 GALLON	\$30.00	9	\$270.00
796.432	EA	DWARF FOUNTAIN GRASS - 'HAELN' 1 GALLON	\$20.00	62	\$1,240.00
804.2	FT	2 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC (UL)	\$16.00	140	\$2,240.00
804.3	FT	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC (UL)	\$25.00	6,023	\$150,575.00
804.32	FT	3 INCH ELECTRICAL CONDUIT TYPE NM (DOUBLE) - PLASTIC (UL)	\$28.00	706	\$19,768.00
804.33	FT	3 INCH ELECTRICAL CONDUIT TYPE NM (TRIPLE) - PLASTIC (UL)	\$32.00	138	\$4,416.00
811.31	EA	PULL BOX 12 X 12 INCHES - SD2.031	\$475.00	40	\$19,000.00
811.32	EA	PULL BOX 12 X 24 INCHES	\$600.00	13	\$7,800.00
811.36	EA	ELECTRIC MANHOLE ADJUSTED	\$400.00	64	\$25,600.00
813.79	LS	INTERCONNECT CABLE SYSTEM	\$20,000.00	1	\$20,000.00
815.03	LS	TRAFFIC CONTROL SIGNAL LOCATION 3	\$165,000.00	1	\$165,000.00
816.01	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 1	\$205,000.00	1	\$205,000.00
816.02	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 2	\$80,000.00	1	\$80,000.00
816.04	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 4	\$240,000.00	1	\$240,000.00
816.05	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 5	\$165,000.00	1	\$165,000.00
816.06	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 6	\$80,000.00	1	\$80,000.00
816.07	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 7	\$155,000.00	1	\$155,000.00
816.08	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 8	\$155,000.00	1	\$155,000.00
816.09	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 9	\$165,000.00	1	\$165,000.00
816.10	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 10	\$185,000.00	1	\$185,000.00
816.11	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 11	\$80,000.00	1	\$80,000.00
816.12	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 12	\$165,000.00	1	\$165,000.00
816.13	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 13	\$160,000.00	1	\$160,000.00
823.75	EA	MBTA CATENARY POLE REMOVED AND STACKED	\$500.00	14	\$7,000.00
823.76	EA	MBTA CATENARY POLE	\$8,000.00	14	\$112,000.00
823.77	EA	MBTA FOUNDATION ABANDONED	\$250.00	65	\$16,250.00
823.78	EA	MBTA POLE PROTECTION	\$150.00	5	\$750.00
823.79	EA	MBTA FOUNDATION REMOVED	\$400.00	10	\$4,000.00
826.70	EA	ELECTRIC SERVICE RISER RELOCATION	\$1,200.00	2	\$2,400.00
826.80	EA	ELECTRIC SPLICE BOX REPLACEMENT	\$10,000.00	1	\$10,000.00
827.21	EA	24 INCH WARNING CLUSTER (H1-2) - ALUMINUM PANEL (TYPE A)	\$115.00	4	\$460.00

Item	Unit	Description	Quantity	Cost	
831.	SF	ROADSIDE GUIDE SIGN (D6/D8) -ALUMINUM PANEL(TYPE A)	\$20.00	118	\$2,360.00
832.	SF	WARNING-REGULATORY & ROUTE MARKER - ALUMINUM PANEL (TYPE A)	\$9.00	1,566	\$14,094.00
841.1	EA	SUPPORTS FOR GUIDE SIGN (D6 W/ D8-5 INCH TUBULAR POST) STEEL	\$1,250.00	3	\$3,750.00
847.1	EA	SIGN SUP (N/GUIDE)-RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$85.00	494	\$41,990.00
850.41	HR	ROADWAY FLAGGER	\$45.00	1,700	\$76,500.00
851.	UD	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS	\$50.00	400	\$20,000.00
852.	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$10.00	2,600	\$26,000.00
853.1	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$120.00	20	\$2,400.00
853.2	FT	TEMPORARY CONCRETE BARRIER	\$40.00	200	\$8,000.00
853.21	FT	TEMPORARY CONCRETE BARRIER REMOVED & RESET	\$12.00	400	\$4,800.00
853.41	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, INCAPABLE OF REDIRECTION	\$2,500.00	1	\$2,500.00
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)	\$0.15	57,160	\$8,574.00
854.016	FT	TEMPORARY PAVING MARKINGS - 6 IN. (PAINTED)	\$0.18	25,500	\$4,590.00
854.034	LF	TEMPORARY PAVEMENT MARKINGS - 4 IN. (REMOVABLE TAPE)	\$1.00	7,145	\$7,145.00
854.036	LF	TEMPORARY PAVEMENT MARKINGS - 6 IN. (REMOVABLE TAPE)	\$1.00	5,100	\$5,100.00
854.1	SF	PAVEMENT MARKING REMOVAL - PAINT	\$1.00	400	\$400.00
854.3	SF	PAVEMENT MARKING REMOVAL - TAPE	\$1.00	4,932	\$4,932.00
856.	UD	SPECIAL LIGHTING UNIT (FLASHING ARROW)	\$10.00	30	\$300.00
856.12	UD	PORTABLE CHANGEABLE MESSAGE SIGN	\$20.00	60	\$1,200.00
859.	DD	REFLECTORIZED DRUM	\$0.25	26,000	\$6,500.01
864.04	SF	PAVEMENT ARROWS AND LEGENDS REFL. WHITE (THERMOPLASTIC)	\$4.50	1,380	\$6,210.00
865.1	SF	CROSS WALKS AND STOP LINES REFL. WHITE (THERMOPLASTIC)	\$1.55	31,500	\$48,825.00
866.04	FT	4 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$0.60	11,650	\$6,990.00
866.06	FT	6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$0.65	32,850	\$21,352.50
866.08	FT	8 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$1.00	260	\$260.00
867.04	FT	4 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$0.45	25,850	\$11,632.50
867.08	FT	8 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$0.95	50	\$47.50
867.12	FT	12 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$1.50	250	\$375.00
874.	EA	STREET NAME SIGN	\$60.00	68	\$4,080.00
874.11	EA	STREET SIGN WITHOUT POST	\$70.00	31	\$2,170.00
874.2	EA	TRAFFIC SIGN REMOVED AND RESET	\$80.00	38	\$3,040.00
874.4	EA	TRAFFIC SIGN REMOVED AND STACKED	\$15.00	400	\$6,000.00
874.7	EA	MISCELLANEOUS SIGNS REMOVED AND STACKED	\$25.00	20	\$500.00
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	\$600.00	8	\$4,800.00
903.	CY	3000 PSI, 1.5 IN., 470 CEMENT CONCRETE	\$350.00	5	\$1,750.00

Grand Total: \$13,267,335

Say **\$13,300,000**