



Public Facilities Committee Report

City of Newton In City Council

Wednesday, February 8, 2017

Present: Councilors Crossley (Chair), Albright, Laredo, Brousal-Glaser, Lappin, Gentile, Lennon, Danberg

Also Present: Councilor Fuller

City staff present: Commissioner of Public Works, Director of Utilities Ted Jerdee, City Engineer Lou Taverna

Referred to Public Facilities and Finance Committees

#34-17

Transfer \$1 million for snow and ice removal expenses

HIS HONOR THE MAYOR requesting authorization to transfer the sum of one million dollars (\$1,000,000) from the Budget Reserve – Snow and Ice Removal Account to the following accounts:

Personnel Costs – Overtime

(0140110-513001)..... \$300,000

Sand & Salt

(0110410-5532)..... \$700,000

[01/23/17 @ 5:17 PM]

Action: **Public Facilities Approved 7-0 (Danberg not voting)**

Note: Commissioner of Public Works Jim McGonagle presented the request to transfer \$1,000,000 for snow and ice removal. He noted that there have been seven snow events resulting in 17" and that the item may be amended prior to the full Council vote due to upcoming snow events. Commissioner McGonagle noted that while there has not previously been procedure for communicating directly with the Superintendent of schools when unexpected weather conditions may require delayed openings. Going forward the Commissioner agreed this will be incorporated. With a motion from Councilor Albright to approve the item, the Committee voted 7-0 in favor.

Referred to Public Facilities and Finance Committees

#32-17

HIS HONOR THE MAYOR requesting authorization to transfer the sum of fifty-five thousand dollars (\$55,000) from the Department of Public Works Engineering Full-time Salaries Account to the Department of Public Works Engineering, Engineering Services Account to hire engineering consultants to prepare final engineering design services for the Newton Corner ADA Ramp and Sidewalk Improvements Project. [01/30/17 @ 3:39 PM]

Action: **Public Facilities Approved 7-0 (Danberg not voting)**

Note: Commissioner McGonagle presented the request to transfer funds within the Department of Public Works in order to fund design services for the Newton Corner sidewalk

improvements. The improvements will include curb cuts, access ramp installations and the removal of deteriorating brick at the site. As the City's in house engineer left during the summer, this expense for design was unanticipated. Commissioner McGonagle noted that the total budget for the project is \$353 thousand dollars and that funds will come from the DPW's operating budget, COD and CDBG. Committee members requested that budget details be provided for the Finance Committee meeting. Councilor Lennon motioned to approve the item which carried unanimously.

Referred to Public Facilities and Finance Committees

#33-17 HIS HONOR THE MAYOR requesting authorization to appropriate and expend one hundred twenty-one thousand dollars (\$121,000) from Free Cash for the purpose of funding additional design engineering services for the West Newton Square Rehabilitation Project. [01/30/17 @ 3:39 PM]

Action: **Public Facilities Approved 7-0 (Albright not voting)**

Note: Commissioner McGonagle presented the request to appropriate \$121 thousand dollars from free cash to fund additional design services needed to complete the construction documents for the West Newton Square project. Because this project is the first project to be fully designed with Complete Streets specifications, the design and corresponding funding is greater than originally anticipated. The scope of the project has grown to include bike lanes, storm water improvements and state of the art streetlights. Committee members noted that as the City has adopted the Complete Streets policy, other projects will also have increased budgets. Commissioner McGonagle confirmed that the design will not prevent a left turn from Watertown onto Washington Street. With a motion from Councilor Brousal-Glaser, the Committee voted unanimously to approve the item.

Referred to Public Facilities and Finance Committees

#386-16 MWRA loan financing for homeowners to replace lead service lines
COUNCILORS CROSSLEY AND GENTILE proposing to establish policies and procedures for the use of approved Massachusetts Water Resource Authority (MWRA) no interest loan financing to encourage homeowners to participate in the lead service line replacement program. [10/26/16 @ 3:12 PM]

Action: **Public Facilities Approved 8-0**

Note: Mr. Jerdee presented details of the Lead Service Replacement Program to the Committee. The Department of Public Works examined its property records to identify possible existing lead service mains. After identifying and contacting 585 homeowners with potential lead service, DPW sent staff to mark the necessary work and an engineer to determine public and private costs (attached) on each property, which varies based on the complexity of the work. It was noted that while the replacement cost estimates on private property are for standard paving, loam and seeding; any custom paving or landscaping would be at the expense of the homeowner. Commissioner McGonagle noted that the cost estimates include a 20% contingency and are conservative.

The DPW intends to advertise the bid as soon as possible and send certified letters detailing the Lead Service Replacement Program and cost estimates to the affected homeowners. He noted that efforts to coordinate the time and construction path with the contractor will be essential to maintaining the timeline. DPW aims to complete construction by June 2018. Because 23% of homeowners have not responded to the original certified letters notifying them of possible lead service mains, Committee members asked how the DPW plans to address these residences. Mr. Jerdee confirmed that if necessary, department staff will go in person to notify residents.

Councilors discussed the terms of extending the MWRA zero interest loan to residents. It was noted that in the past, homeowners would be required to pay for the replacement by themselves, but this situation is different because the MWRA is incentivizing municipalities to replace lead mains in the City by offering the loan at zero interest. It was emphasized that if a homeowner opts out of the program and the City replaces the public portion of the service main, the change in pressure could result in damage to the homeowner's portion. As the City has the right to maintain their portion, Committee members requested that the letter to residents explicitly explain the risk of opting out. Councilors agreed that the zero interest terms should be extended to residents as a betterment and that the Finance Committee discuss execution with the Law Department. Committee members suggested that the DPW post information about the program online or in the TAB to reach homeowners who have not responded. Committee members requested that the letter for residents be drafted prior to the Finance meeting and reviewed by the Law Department. Councilor Gentile motioned to approve the extension of the loan terms to homeowners where applicable and the Committee voted unanimously in support of the motion.

Referred to Public Facilities and Finance Committees

#31-17 Ordinance Amendment to eliminate sewer cleaning fees

HIS HONOR THE MAYOR proposing an ordinance amendment to remove Section 29-67A, Sewer cleaning fees from the City of Newton Revised Ordinance, 2012. [01/30/17 @ 3:39 PM]

Action: **Public Facilities Approved 7-0 (Albright not voting)**

Note: Director of Utilities Ted Jerdee presented the request to eliminate section 29-67A, Sewer Cleaning fees of the City's ordinances. He noted that the City has been providing the service to residents for \$25. He stated that the service requires up to three staff members, use of costly City equipment and raises liability concerns. Since the fees for the service was raised in 2010 to be closer to actual costs, DPW has seen a reduction in the number of requests from 425 to 131. Mr. Jerdee believes that this is the appropriate time to eliminate the use of the City's resources to maintain private infrastructure. Mr. Jerdee confirmed the City could assist a resident given an emergency situation. With Committee support, Councilor Laredo motioned to approve the elimination of sewer cleaning fees and the Committee voted 7-0 in favor.

Referred to Public Facilities Committee

#26-17 Ordinance Amendment to allow City to shut water to allow access

COMMISSIONER OF PUBLIC WORKS proposing revisions to Article II Sec. 29-26 Inspection of water taker's premises to include language to allow the City to shut

water off to properties with proper notice in order to allow for the City to inspect, repair or replace Water Meters. [01/30/2017 @ 3:39 PM]

Action: **Public Facilities Approved 5-0-1 (Gentile, Albright not voting, Lennon abstaining)**

Note: Mr. Jerdee presented the request to revise Sec. 29-26 to allow the City, in the event a property owner cannot be reached, to shut water off to allow for inspection, replacement or repair of water meters on private property. DPW requires the ability to inspect or repair water meters. Mr. Jerdee noted that after numerous attempts to notify; some residents remain unresponsive, or even refuse to allow access. Approximately 300 water meters a year fail and require inspection and/or replacement. The ordinance amendment would allow the City, to shut off the water at a property to inspect, repair or replace the meter. A Committee member questioned whether shutting off the water is necessary or if there may be alternative solutions. It was noted that in the past a fine on the water bill had been successful in alerting homeowners to the City's needs.

It was noted that there are approximately 137 unresponsive property owners who could have their water shut off temporarily as a result of the proposed amendment. When asked if there is a pattern to why residents have not responded, Mr. Jerdee noted that the reasons range from some residents trying to avoid additional expenses to other residents who may have improperly installed irrigation meters. He added that some residents have transponders that have not been paid for. Committee members agreed that DPW should bill the property owners the full amount for these transponders.

Councilor Laredo motioned to approve the item which carried 5-0-1 with an abstention from Councilor Lennon.

#6-17 **Request to establish filing fee for wireless attachments in the public way**
COUNCILORS CROSSLEY, ALBRIGHT, LAPPIN AND GENTILE requesting the establishment of a filing fee from petitioners seeking to attach wireless communications devices to existing or proposed structures in the public way. [12/23/2016 @ 8:37 AM]

Action: **Public Facilities Approved and Referred to Finance 6-0 (Gentile, Albright not voting)**

Note: The Chair introduced the item to establish/increase the fee for wireless attachment grants of location. The Wireless Subcommittee has been working with the Planning and Fire Departments to establish design guidelines. Fire Department Director of Technical Services, Alex Chadis has indicated that significant City costs are associated with monitoring wireless attachments. The Chair noted that the average filing fee in other municipalities was reported at \$300, but cities, such as Salem, charge a \$500 filing fee. Councilor Laredo motioned to approve and refer the item to Finance for a review of the City's costs and to set the fee. The Committee voted unanimously in favor.

#36-17 Ordinance amendment to require peer review of wires communication attachments

COUNCILOR CROSSLEY, ALBRIGHT AND LAPPIN requesting an Ordinance, pursuant to Mass. General laws Chapter 166, Section 22 and Chapter 44, Section 53G, the adoption of which would enable the City Council to require peer review of grant of location petitions, including proposed wireless communications equipment attachments to poles or structures in the public way (and on public lands), at the petitioner's expense, to assist the Council in deciding requested grants of location.

Action: Public Facilities Held 6-0 (Gentile, Albright not voting)

Note: The Municipal Modernization Law provides that municipalities may require review at the expense of a petitioner seeking grants of location, with the adoption of a local ordinance to that effect.

Background: The Wireless Subcommittee has met with a potential consultant for assistance on drafting guidelines for wireless carriers, peer review of submitted radio frequency reports from wireless carriers petitioning for grants of locations and possibly assisting a comprehensive plan for locating wireless communication equipment across Newton. Committee members are seeking consensus from the Committee so the Law Department can draft an ordinance that will allow for the enactment of the Municipal Modernization Law pertaining to grants of location. Committee members were supportive of the drafting of the ordinance and voted unanimously to hold the item pending a draft from the Law Department.

The Committee adjourned at 8:57 pm.

Respectfully submitted,

Deborah J. Crossley, Chair

Cost Estimate
Lead Service Replacement Project
City of Newton, MA

386-16

	<u>Item</u>	<u>Units</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Cost</u>
1	Mobilization & Demobilization	L.S.	1	\$ 104,800.00	\$ 104,800.00
2	Sawcut Bituminous Concrete	L.F.	5,250	\$ 3.00	\$ 15,750.00
3	Sawcut Reinforced Concrete	L.F.	1,600	\$ 3.00	\$ 4,800.00
4	General Excavation	NA	NA	NA	\$ -
5	Test Pits	C.Y.	10,000	\$ 1.00	\$ 10,000.00
6	Excavation Below Grade	C.Y.	900	\$ 1.00	\$ 900.00
7	Rock Removal	C.Y.	200	\$ 50.00	\$ 10,000.00
8	Gravel Borrow	TON	260	\$ 1.00	\$ 260.00
9	Sand for Water Service Pipe Bedding	TON	6,500	\$ 15.00	\$ 97,500.00
10	Dust Control (Chemical Treatment)	L.B.	250	\$ 1.00	\$ 250.00
11	Reset Existing Granite Curb	L.F.	1,250	\$ 0.01	\$ 12.50
12	Reset Existing Bituminous Concrete Curb	L.F.	850	\$ 0.01	\$ 8.50
13	4" Bituminous Concrete Type I-1 for Permanent Trench Resurfacing (Placed in Two Courses)	TON	2,900	\$ 75.00	\$ 217,500.00
14	2" Bituminous Concrete Walks & Driveways (Patching Private Property)	S.Y.	550	\$ 20.00	\$ 11,000.00
15	3" Bituminous Concrete Walks & Driveways (Patching Public Property)	S.Y.	400	\$ 30.00	\$ 12,000.00
16	4" Cement Concrete Walks with Lampblack	S.Y.	850	\$ 20.00	\$ 17,000.00
17	6" Cement Concrete Driveway Aprons with Lampblack	S.Y.	100	\$ 30.00	\$ 3,000.00
18	Cold Patch	TON	365	\$ 1.00	\$ 365.00
19	Regrade, Loam, & Seed (Restore Loam Borders and/or Private Yards)	S.Y.	3,400	\$ 10.00	\$ 34,000.00
20	Miscellaneous Work Allowance (Engineers Discretionary Fund)	ALL.	1	\$ 30,000.00	\$ 30,000.00
21	Allowance for Payment of Uniformed Police Officers	ALL.	1	\$ 120,000.00	\$ 120,000.00
22	Vehicle Loop Detector	L.F.	100	\$ 0.01	\$ 1.00
23	1" Copper Water Service Tubing-PUBLIC	L.F.	7,600	\$ 15.00	\$ 114,000.00
24	1" Corporation	EA.	299	\$ 1,000.00	\$ 299,000.00
25	1" Curb Stop & Box	EA.	552	\$ 125.00	\$ 69,000.00
26	1" Copper Water Service Tubing-PRIVATE	L.F.	18,200	\$ 30.00	\$ 546,000.00
27	Nominal 5/8"-1" Water Service Coupling	EA.	552	\$ 30.00	\$ 16,560.00
28	1.5" Copper Water Service Tubing-PUBLIC	L.F.	450	\$ 20.00	\$ 9,000.00
29	1.5" Water Service Pipe Coupling	EA.	32	\$ 100.00	\$ 3,200.00
30	1.5" Copper Water Service Tubing-PRIVATE	L.F.	1,150	\$ 35.00	\$ 40,250.00
31	1.5" Corporation	EA.	20	\$ 1,250.00	\$ 25,000.00
32	1.5" Curb Stop & Box	EA.	32	\$ 250.00	\$ 8,000.00
33	2" Copper Water Service Tubing - PUBLIC	L.F.	100	\$ 30.00	\$ 3,000.00
34	2" Corporation	EA.	3	\$ 1,500.00	\$ 4,500.00
35	2" Curb Stop & Box	EA.	4	\$ 500.00	\$ 2,000.00
36	2" Copper Water Service Tubing - PRIVATE	L.F.	500	\$ 45.00	\$ 22,500.00

Cost Estimate
Lead Service Replacement Project
City of Newton, MA

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	<u>Item</u>	<u>Units</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Cost</u>
37	2" Water Service Pipe Coupling	EA.	4	\$ 200.00	\$ 800.00
38	Supply and Deliver Rust & Stain Remover as Required	CTN.	2	\$ 100.00	\$ 200.00
39	Existing Drainage Repair (All Sizes)	L.F.	400	\$ 50.00	\$ 20,000.00
40	Existing Sewer Service Repair (All Sizes)	EA.	60	\$ 50.00	\$ 3,000.00
41	Basement Allowance	ALL.	1	\$ 25,000.00	\$ 25,000.00
42	Connection to Meter	EA.	584	\$ 100.00	\$ 58,400.00
43	Coring	EA.	292	\$ 500.00	\$ 146,000.00
44	Jackhammer Basement Floor	EA.	292	\$ 150.00	\$ 43,800.00
45	Hydraulic Concrete	L.B.	2,950	\$ 4.00	\$ 11,800.00
46	Sealant	L.B.	1,150	\$ 5.00	\$ 5,750.00
47	CDF	C.Y.	1,750	\$ 100.00	\$ 175,000.00
48	Infrared	Crew Day	18	\$ 2,500.00	\$ 45,000.00
49	Price Adjustment: Hot Mix Asphalt Mixtures	ALL.	1	\$ 5,000.00	\$ 5,000.00
50	Price Adjustment: Fuel	ALL.	1	\$ 5,000.00	\$ 5,000.00
51	Price Adjustment: Cement	ALL.	1	\$ 5,000.00	\$ 5,000.00
			Subtotal:		\$ 2,400,907.00
			Contingency:		\$ 480,300.00
			Total:		\$ 2,881,207.00

**Approximate Cost Per House
Lead Service Replacement Program
City of Newton, MA**

386-16

Address	Type of Replacement	Estimated Private Cost
25 ABERDEEN ST	Property Only	\$ 2,400.00
26 ABERDEEN ST	Full Replacement	\$ 2,490.00
45 ABERDEEN ST	Full Replacement	\$ 2,080.00
50 ABERDEEN ST	Full Replacement	\$ 2,200.00
5 ADELLA AVE	Full Replacement	\$ 2,130.00
16 ADELLA AVE	Full Replacement	\$ 2,860.00
39 ADELLA AVE	Full Replacement	\$ 2,360.00
55 ADELLA AVE	Full Replacement	\$ 2,570.00
58 ADELLA AVE	Full Replacement	\$ 2,740.00
65 ADELLA AVE	Full Replacement	\$ 2,760.00
87 ADELLA AVE	Full Replacement	\$ 2,650.00
114 ALBEMARLE RD	Full Replacement	\$ 2,420.00
325 ALBEMARLE RD	Full Replacement	\$ 2,500.00
430 ALBEMARLE RD	Full Replacement	\$ 3,250.00
12 ALBION PL	Full Replacement	\$ 2,450.00
16 ALBION PL	Property Only	\$ 2,200.00
24 ALBION ST	Full Replacement	\$ 1,630.00
27 ALBION ST	Property Only	\$ 1,560.00
18 ALDEN ST	Full Replacement	\$ 2,510.00
110 ALGONQUIN RD	Full Replacement	\$ 2,830.00
137 ALLERTON RD	Full Replacement	\$ 2,630.00
19 APPEGARTH ST	Full Replacement	\$ 2,080.00
4 ARLINGTON ST	Full Replacement	\$ 2,180.00
32 ARLINGTON ST	Full Replacement	\$ 2,460.00
45 ARLINGTON ST	Property Only	\$ 3,150.00
15 ASHMONT RD	Full Replacement	\$ 2,820.00
3 ASHTON AVE	Full Replacement	\$ 2,210.00
15 ASHTON AVE	Full Replacement	\$ 2,280.00
52 ASHTON AVE	Property Only	\$ 2,710.00
11 AUBURN ST	Property Only	\$ 2,850.00
42 AUBURN ST	Property Only	\$ 2,520.00
46 AUBURN ST	Property Only	\$ 2,390.00
50 AUBURN ST	Property Only	\$ 2,330.00
70 AUBURN ST	Property Only	\$ 2,140.00
94 AUBURN ST	Property Only	\$ 2,080.00
106 AUBURN ST	Property Only	\$ 1,560.00
191 AUBURN ST	Property Only	\$ 2,610.00
236 AUBURN ST	Property Only	\$ 3,450.00
417 AUBURN ST	Property Only	\$ 1,720.00
493 AUBURN ST	Property Only	\$ 2,730.00

**Approximate Cost Per House
Lead Service Replacement Program
City of Newton, MA**

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250 AUSTIN ST	Property Only	\$ 3,620.00
256 AUSTIN ST	Property Only	\$ 3,470.00
15 AVONDALE RD	Full Replacement	\$ 2,240.00
44 BALLARD ST	Full Replacement	\$ 2,610.00
48 BALLARD ST	Property Only	\$ 2,860.00
1452 BEACON ST	Full Replacement	\$ 2,980.00
1458 BEACON ST	Full Replacement	\$ 2,230.00
1746 BEACON ST	Full Replacement	\$ 3,280.00
206 BEETHOVEN AVE	Full Replacement	\$ 2,380.00
62 BELLEVUE ST	Property Only	\$ 3,880.00
230 BELLEVUE ST	Property Only	\$ 2,390.00
46 BERWICK RD	Property Only	\$ 2,130.00
48 BILLINGS PK	Full Replacement	\$ 1,970.00
5 BIRCH HILL RD	Property Only	\$ 2,890.00
30 BIRCH HILL RD	Street only	No private costs
15 BLITHEDALE ST	Full Replacement	\$ 2,810.00
44 BOURNE ST	Full Replacement	\$ 2,560.00
52 BOURNE ST	Full Replacement	\$ 2,170.00
19 BOWDOIN ST	Property Only	\$ 2,050.00
24 BOWDOIN ST	Full Replacement	\$ 2,090.00
55 BOWDOIN ST	Full Replacement	\$ 2,240.00
32 BOWEN ST	Full Replacement	\$ 1,860.00
68 BOYD ST	Full Replacement	\$ 2,130.00
76 BOYD ST	Property Only	\$ 2,240.00
84 BOYD ST	Property Only	\$ 2,330.00
29 BOYLSTON RD	Full Replacement	\$ 1,910.00
35 BRAEBURN RD	Property Only	\$ 2,330.00
33 BREWSTER RD	Full Replacement	\$ 1,930.00
11 BROADWAY	Full Replacement	\$ 2,480.00
62 BROADWAY	Full Replacement	\$ 2,690.00
27 BROOKS AVE	Full Replacement	\$ 1,920.00
45 BROOKS AVE	Full Replacement	\$ 1,980.00
50 BROOKS AVE	Full Replacement	\$ 2,290.00
54 BROOKS AVE	Full Replacement	\$ 2,250.00
67 BROOKS AVE	Full Replacement	\$ 2,350.00
68 BROOKS AVE	Property Only	\$ 2,040.00
55 BROOKSIDE AVE	Full Replacement	\$ 2,680.00
60 BROOKSIDE AVE	Full Replacement	\$ 3,630.00
75 BROOKSIDE AVE	Full Replacement	\$ 2,350.00
10 BURNHAM RD	Full Replacement	\$ 3,120.00
262 CALIFORNIA ST	Full Replacement	\$ 2,030.00

**Approximate Cost Per House
Lead Service Replacement Program
City of Newton, MA**

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268 CALIFORNIA ST	Full Replacement	\$	2,050.00
470 CALIFORNIA ST	Full Replacement	\$	2,250.00
478 CALIFORNIA ST	Full Replacement	\$	1,970.00
488 CALIFORNIA ST	Full Replacement	\$	1,960.00
529 CALIFORNIA ST	Full Replacement	\$	2,010.00
538 CALIFORNIA ST	Full Replacement	\$	1,830.00
542 CALIFORNIA ST	Full Replacement	\$	2,010.00
558 CALIFORNIA ST	Full Replacement	\$	2,000.00
575 CALIFORNIA ST	Full Replacement	\$	2,120.00
15 CAMDEN RD	Full Replacement	\$	2,290.00
21 CAMDEN RD	Full Replacement	\$	2,500.00
4 CAPITAL ST	Full Replacement	\$	1,920.00
16 CAPITAL ST	Full Replacement	\$	2,050.00
25 CAPITAL ST	Full Replacement	\$	1,980.00
46 CEDAR ST	Full Replacement	\$	2,880.00
56 CEDAR ST	Full Replacement	\$	3,630.00
11 CENTRAL AVE	Property Only	\$	2,890.00
41 CENTRAL AVE	Property Only	\$	2,460.00
46 CENTRAL AVE	Property Only	\$	2,400.00
56 CENTRAL AVE	Property Only	\$	2,930.00
80 CENTRAL AVE	Property Only	\$	2,430.00
22 CENTRAL ST	Property Only	\$	2,420.00
46 CENTRAL ST	Property Only	\$	2,450.00
61 CENTRAL ST	Property Only	\$	3,590.00
94 CENTRAL ST	Property Only	\$	3,200.00
99 CENTRAL ST	Property Only	\$	2,650.00
138 CENTRAL ST	Property Only	\$	2,370.00
298 CENTRAL ST	Property Only	\$	2,390.00
305 CENTRAL ST	Property Only	\$	1,930.00
360 CENTRAL ST	Property Only	\$	2,960.00
14 CENTRAL TER	Property Only	\$	2,100.00
27 CENTRAL TER	Property Only	\$	1,950.00
430 CENTRE ST	Full Replacement	\$	3,190.00
650 CENTRE ST	Full Replacement	\$	3,680.00
709 CENTRE ST	Full Replacement	\$	3,370.00
976 CENTRE ST	Full Replacement	\$	3,310.00
1081 CENTRE ST	Full Replacement	\$	2,620.00
1115 CENTRE ST	Full Replacement	\$	8,630.00
1310 CENTRE ST	Full Replacement	\$	2,770.00
1317 CENTRE ST	Full Replacement	\$	2,770.00
1321 CENTRE ST	Full Replacement	\$	2,070.00

**Approximate Cost Per House
Lead Service Replacement Program
City of Newton, MA**

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1495 CENTRE ST	Full Replacement	\$	2,820.00
1652 CENTRE ST	Full Replacement	\$	2,350.00
15 CHAMPA ST	Full Replacement	\$	2,740.00
37 CHAMPA ST	Property Only	\$	2,400.00
23 CHAPEL ST	Property Only	\$	2,130.00
173 CHAPEL ST	Property Only	\$	2,000.00
236 CHAPEL ST	Property Only	\$	1,940.00
21 CHASE ST	Full Replacement	\$	2,640.00
65-67 CHASE ST	Full Replacement	\$	2,000.00
10 CHERRY PLACE	Full Replacement	\$	2,150.00
23 CHERRY PLACE	Full Replacement	\$	1,930.00
69 CHERRY ST	Full Replacement	\$	3,800.00
216 CHERRY ST	Property Only	\$	1,830.00
224 CHERRY ST	Property Only	\$	1,960.00
232 CHERRY ST	Property Only	\$	2,070.00
243 CHERRY ST	Property Only	\$	1,780.00
259 CHERRY ST	Property Only	\$	2,410.00
263 CHERRY ST	Property Only	\$	2,400.00
287 CHERRY ST	Property Only	\$	3,290.00
297 CHERRY ST	Property Only	\$	2,350.00
318-320 CHERRY ST	Property Only	\$	1,880.00
319 CHERRY ST	Property Only	\$	2,020.00
346 CHERRY ST	Property Only	\$	1,520.00
361 CHERRY ST	Property Only	\$	2,360.00
378 CHERRY ST	Property Only	\$	1,970.00
386 CHERRY ST	Property Only	\$	2,570.00
11 CHESTER ST	Full Replacement	\$	2,610.00
17 CHESTER ST	Full Replacement	\$	2,440.00
61 CHESTER ST	Full Replacement	\$	2,390.00
68 CHESTER ST	Full Replacement	\$	2,000.00
257 CHESTNUT ST	Full Replacement	\$	4,360.00
260 CHESTNUT ST	Property Only	\$	5,380.00
592 CHESTNUT ST	Full Replacement	\$	3,370.00
653 CHESTNUT ST	Full Replacement	\$	3,290.00
965 CHESTNUT ST	Property Only	\$	1,930.00
969 CHESTNUT ST	Property Only	\$	5,200.00
1128 CHESTNUT ST	Full Replacement	\$	1,740.00
1238 CHESTNUT ST	Property Only	\$	3,370.00
11 CHESTNUT TER	Full Replacement	\$	5,950.00
16 CHESTNUT TER	Full Replacement	\$	3,000.00
30 CHESWICK RD	Property Only	\$	2,900.00

**Approximate Cost Per House
Lead Service Replacement Program
City of Newton, MA**

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37 CHESWICK RD	Full Replacement	\$	2,820.00
44 CHESWICK RD	Property Only	\$	2,470.00
25 CHURCH ST	Full Replacement	\$	2,960.00
217 CHURCH ST	Full Replacement	\$	2,080.00
223 CHURCH ST	Property Only	\$	2,420.00
72 - 74 CIRCUIT AVE	Property Only	\$	1,970.00
76 - 78 CIRCUIT AVE	Property Only	\$	4,240.00
14 CLAFLIN PLACE	Full Replacement	\$	2,350.00
14 CLARENDON ST	Full Replacement	\$	1,920.00
84 CLINTON PLACE	Full Replacement	\$	1,940.00
56-58 CLINTON ST	Property Only	\$	2,000.00
61 CLINTON ST	Full Replacement	\$	1,830.00
34 COLLINS RD	Property Only	\$	3,670.00
138 COLLINS RD	Property Only	\$	3,530.00
65 & 67 COLUMBIA AVE	Full Replacement	\$	1,560.00
254 COMMONWEALTH AVE	Property Only	\$	2,450.00
693 COMMONWEALTH AVE	Full Replacement	\$	2,380.00
863 COMMONWEALTH AVE	Full Replacement	\$	2,280.00
1855 COMMONWEALTH AVE	Full Replacement	\$	2,500.00
2015 COMMONWEALTH AVE	Full Replacement	\$	1,490.00
2027 COMMONWEALTH AVE	Property Only	\$	2,490.00
2035 COMMONWEALTH AVE	Full Replacement	\$	2,770.00
2039 COMMONWEALTH AVE	Full Replacement	\$	2,370.00
2057 COMMONWEALTH AVE	Full Replacement	\$	2,530.00
2115 COMMONWEALTH AVE	Full Replacement	\$	2,360.00
199 CONCORD ST	Property Only	\$	1,710.00
206 CONCORD ST	Property Only	\$	3,190.00
44-46 COOK ST	Full Replacement	\$	1,990.00
59-61 CORNELL ST	Property Only	\$	1,340.00
85 CORNELL ST	Property Only	\$	2,660.00
67 - 69 CRAFTS ST	Property Only	\$	2,210.00
87 CRAFTS ST	Full Replacement	\$	2,060.00
124 CRAFTS ST	Full Replacement	\$	2,560.00
146 CRAFTS ST	Full Replacement	\$	3,150.00
147 CRAFTS ST	Property Only	\$	2,710.00
173 CRAFTS ST	Full Replacement	\$	2,420.00
205 CRAFTS ST	Property Only	\$	2,590.00
249 CRAFTS ST	Property Only	\$	2,240.00
253 CRAFTS ST	Property Only	\$	2,250.00
460 CRAFTS ST	Property Only	\$	3,450.00
3 CRESCENT ST	Full Replacement	\$	2,290.00

**Approximate Cost Per House
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10 CRESCENT ST	Full Replacement	\$	1,640.00
95 CRESCENT ST	Property Only	\$	2,600.00
117 CRESCENT ST	Property Only	\$	2,350.00
15-17-19 CROSS ST	Property Only	\$	6,950.00
53 CROSS ST	Full Replacement	\$	2,480.00
3 CURTIS ST	Full Replacement	\$	2,090.00
16 DALBY ST	Full Replacement	\$	2,300.00
17 DALBY ST	Full Replacement	\$	3,230.00
19 DALBY ST	Full Replacement	\$	1,690.00
26 DALBY ST	Full Replacement	\$	2,090.00
44 - 46 DALBY ST	Full Replacement	\$	2,430.00
64-66 DALBY ST	Full Replacement	\$	2,220.00
77-79 DALBY ST	Property Only	\$	2,070.00
78-80 DALBY ST	Full Replacement	\$	1,600.00
87 DALBY ST	Full Replacement	\$	1,700.00
90-92 DALBY ST	Full Replacement	\$	1,650.00
3 DAVIS AVE	Property Only	\$	2,060.00
51 DAVIS AVE	Property Only	\$	2,300.00
57 DAVIS AVE	Full Replacement	\$	2,190.00
92 DEDHAM ST	Full Replacement	\$	2,620.00
95 DEDHAM ST	Full Replacement	\$	2,280.00
370 DEDHAM ST	Property Only	\$	2,920.00
126 DERBY ST	Full Replacement	\$	1,970.00
213 DERBY ST	Full Replacement	\$	2,330.00
270 DERBY ST	Full Replacement	\$	1,510.00
279 DERBY ST	Full Replacement	\$	1,870.00
291 DERBY ST	Full Replacement	\$	2,200.00
11 DEVON RD	Full Replacement	\$	2,630.00
38 DEVON RD	Full Replacement	\$	2,500.00
85 DUDLEY RD	Property Only	\$	7,140.00
200 DUDLEY RD	Property Only	\$	7,150.00
246 DUDLEY RD	Property Only	\$	6,040.00
295 DUDLEY RD	Property Only	\$	3,330.00
336 DUDLEY RD	Property Only	\$	5,270.00
12 EDDY ST	Property Only	\$	2,330.00
42-44 EDDY ST	Full Replacement	\$	2,240.00
47 EDDY ST	Full Replacement	\$	2,050.00
60 EDDY ST	Full Replacement	\$	2,110.00
64 EDDY ST	Full Replacement	\$	2,140.00
66 EDDY ST	Full Replacement	\$	2,160.00
74 EDDY ST	Full Replacement	\$	2,220.00

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14 EDINBORO PLACE	Full Replacement	\$	2,000.00
48 ELDREDGE ST	Full Replacement	\$	3,410.00
15 ELIOT AVE	Full Replacement	\$	2,280.00
18 ELIOT AVE	Full Replacement	\$	2,020.00
28 ELIOT AVE	Full Replacement	\$	2,140.00
108 ELIOT AVE	Full Replacement	\$	2,210.00
123-125 ELLIOT ST	Property Only	\$	1,940.00
232-234 ELLIOT ST	Property Only	\$	2,000.00
260 ELLIOT ST	Property Only	\$	2,180.00
53 ELMORE ST	Property Only	\$	2,490.00
90 ERIE AVENUE	Full Replacement	\$	2,300.00
15 FAIR OAKS AVE	Full Replacement	\$	3,060.00
40 FAIR OAKS AVE	Property Only	\$	3,060.00
48 FAIR OAKS AVE	Property Only	\$	3,070.00
77 FAIR OAKS AVE	Full Replacement	\$	2,690.00
90 FAIR OAKS AVE	Full Replacement	\$	2,500.00
96 FAIR OAKS AVE - 1913	Full Replacement	\$	6,980.00
100 FAIR OAKS AVE - 1914	Full Replacement	\$	5,060.00
15 FARLOW RD	Property Only	\$	3,480.00
18 FISHER AVE	Full Replacement	\$	2,140.00
37 FISHER AVE	Full Replacement	\$	2,220.00
56 FISHER AVE	Full Replacement	\$	1,930.00
72 FISHER AVE	Property Only	\$	2,420.00
73 FISHER AVE	Full Replacement	\$	2,020.00
20 FOSTER ST	Full Replacement	\$	2,910.00
15 FRANCIS ST	Property Only	\$	1,980.00
206 FRANKLIN ST	Property Only	\$	3,230.00
40 FULLER ST	Property Only	\$	2,460.00
200 FULLER ST	Full Replacement	\$	3,240.00
13 FULLER TER	Full Replacement	\$	1,750.00
19 FULLER TER	Full Replacement	\$	1,730.00
15 FURBER LANE	Full Replacement	\$	2,570.00
21 FURBER LANE	Full Replacement	\$	2,660.00
6-8 GARDNER ST	Full Replacement	\$	1,510.00
12 GARDNER ST	Full Replacement	\$	1,470.00
37 GAY ST	Full Replacement	\$	2,630.00
11 GIBSON RD	Property Only	\$	2,170.00
98 GRANT AVE	Full Replacement	\$	3,140.00
105 GRANT AVE	Full Replacement	\$	2,190.00
30 GROVE HILL AVE	Full Replacement	\$	2,700.00
558 GROVE ST	Property Only	\$	2,590.00

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25 GROVELAND ST	Property Only	\$	2,950.00
30 GROVELAND ST	Full Replacement	\$	2,770.00
34 GROVELAND ST	Full Replacement	\$	2,510.00
40 GROVELAND ST	Full Replacement	\$	2,260.00
21 HANCOCK AVE	Full Replacement	\$	1,930.00
65 HANCOCK AVE	Property Only	\$	3,190.00
51 HARDING ST	Property Only	\$	1,930.00
73 HARDING ST	Full Replacement	\$	2,660.00
20 HARVARD ST	Property Only	\$	5,990.00
44 HARVARD ST	Property Only	\$	2,470.00
82 HARVARD ST	Property Only	\$	2,310.00
88 HARVARD ST	Property Only	\$	4,200.00
94 HARVARD ST	Property Only	\$	2,260.00
101 HARVARD ST	Property Only	\$	2,060.00
29 HAWTHORNE AVE	Full Replacement	\$	2,390.00
51 HAWTHORNE AVE	Property Only	\$	2,330.00
7 HENSHAW TER	Property Only	\$	2,020.00
24 HENSHAW TER	Full Replacement	\$	2,540.00
52 HERRICK RD	Full Replacement	\$	3,430.00
52 HERRICK RD - BARN	Full Replacement	\$	4,230.00
109 HIGH STREET	Property Only	\$	3,410.00
84 HIGHLAND ST - 1911	Full Replacement	\$	3,800.00
145 HIGHLAND ST - 1892	Full Replacement	\$	5,980.00
156 HIGHLAND ST - 1898	Full Replacement	\$	2,540.00
39 HILLSIDE AVE - 1903	Full Replacement	\$	3,340.00
14 HILLSIDE RD	Property Only	\$	2,350.00
26 HILLSIDE RD	Full Replacement	\$	2,390.00
177 HOMER ST	Property Only	\$	2,180.00
261 HOMER ST	Property Only	\$	2,380.00
99 JACKSON RD	Property Only	\$	1,800.00
17 JEROME AVE	Full Replacement	\$	1,540.00
46 JEROME AVE	Full Replacement	\$	1,720.00
63 JEWETT ST	Property Only	\$	1,470.00
80 JEWETT ST	Property Only	\$	2,280.00
89 JEWETT ST	Property Only	\$	2,260.00
129 JEWETT ST	Property Only	\$	2,730.00
65 KAPOSIA ST	Full Replacement	\$	1,640.00
69 KAPOSIA ST	Full Replacement	\$	1,700.00
73 KAPOSIA ST	Full Replacement	\$	1,870.00
25 KENMORE ST	Property Only	\$	2,930.00
30 KENSINGTON ST	Full Replacement	\$	1,610.00

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66 KENSINGTON ST	Full Replacement	\$ 1,910.00
38 KENWOOD AVE	Street Only	No private costs
15 KENYON ST	Property Only	\$ 2,340.00
24 KNOWLES ST	Property Only	\$ 2,820.00
31 KNOWLES ST	Property Only	\$ 2,180.00
37 KNOWLES ST	Property Only	\$ 2,120.00
193 LAKE AVE	Property Only	\$ 2,000.00
309 LAKE AVE	Property Only	\$ 2,480.00
44 LAKEWOOD RD	Full Replacement	\$ 2,560.00
77 LAKEWOOD RD	Full Replacement	\$ 2,390.00
118 LANGLEY RD	Property Only	\$ 2,490.00
123 LANGLEY RD	Property Only	\$ 2,150.00
145 LANGLEY RD	Property Only	\$ 2,920.00
157 LANGLEY RD	Property Only	\$ 2,990.00
177 LANGLEY RD	Property Only	\$ 2,400.00
182 LANGLEY RD	Property Only	\$ 2,500.00
190 LANGLEY RD	Property Only	\$ 2,020.00
254 LANGLEY RD	Property Only	\$ 2,220.00
28 LENOX	Property Only	\$ 2,760.00
20 LEWIS TER	Property Only	\$ 2,770.00
58 LINDEN ST	Property Only	\$ 1,970.00
351 LINWOOD AVENUE	Full Replacement	\$ 2,010.00
353 LINWOOD AVENUE	Full Replacement	\$ 2,160.00
107-109 LOWELL AVE	Property Only	\$ 2,910.00
114 LOWELL AVE	Property Only	\$ 2,220.00
122 LOWELL AVE	Property Only	\$ 2,450.00
128 LOWELL AVE	Property Only	\$ 2,450.00
258 LOWELL AVE	Property Only	\$ 2,010.00
264 LOWELL AVE	Property Only	\$ 2,820.00
311 LOWELL AVE	Property Only	\$ 3,250.00
314 LOWELL AVE	Property Only	\$ 2,320.00
401 LOWELL AVE	Property Only	\$ 3,570.00
89 MADISON AVE	Property Onlu	\$ 2,200.00
93 MADISON AVE	Property Only	\$ 1,730.00
10-12 MAGUE AVE	Full Replacement	\$ 2,500.00
22-24 MAGUE AVE	Property Only	\$ 1,860.00
25 MAGUE AVE	Property Only	\$ 2,080.00
37 MAGUE AVE	Property Only	\$ 2,260.00
8 MAGUE PLACE	Property Only	\$ 1,720.00
15 MAGUE PLACE	Full Replacement	\$ 1,760.00
11 MAPLE AVE	Property Only	\$ 1,940.00

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18 MAPLE TER	Property Only	\$ 2,270.00
28 MARLBORO ST	Full Replacement	\$ 2,650.00
29 MARLBORO ST	Full Replacement	\$ 2,960.00
61 MARLBORO ST	Property Only	\$ 2,350.00
66 MARLBORO ST	Full Replacement	\$ 2,330.00
11 MARSHALL ST	Full Replacement	\$ 4,760.00
50 MARSHALL ST	Full Replacement	\$ 3,320.00
206 MELROSE ST	Property Only	\$ 4,180.00
223 MELROSE ST	Property Only	\$ 2,480.00
227 MELROSE ST	Property Only	\$ 2,570.00
235 MELROSE ST	Property Only	\$ 2,260.00
261 MELROSE ST	Property Only	\$ 3,520.00
278 MELROSE ST	Property Only	\$ 2,630.00
66-68 MILL ST	Property Only	\$ 3,190.00
92 MILL ST	Property Only	\$ 2,450.00
116 MILL ST	Property Only	\$ 2,840.00
237 MILL ST	Property Only	\$ 2,990.00
251 MILL ST	Property Only	\$ 2,990.00
255 MILL ST	Property Only	\$ 2,890.00
270 MILL ST	Property Only	\$ 2,770.00
275 MILL ST	Property Only	\$ 3,350.00
289 MILL ST	Property Only	\$ 4,360.00
39 MOFFAT RD	Full Replacement	\$ 5,000.00
126 MOFFAT RD	Full Replacement	\$ 3,620.00
129 MOFFAT RD	Full Replacement	\$ 2,850.00
155 MOFFAT RD	Full Replacement	\$ 3,320.00
173 MOFFAT RD	Full Replacement	\$ 3,250.00
18 MORGAN PL	Property Only	\$ 1,900.00
71 MORTON ST	Property Only	\$ 2,220.00
89 MORTON ST	Property Only	\$ 2,210.00
173 MORTON ST	Property Only	\$ 2,560.00
162 MT VERNON ST	Full Replacement	\$ 3,510.00
169 MT VERNON ST	Street Only	No private costs
175 MT VERNON ST	Full Replacement	\$ 4,260.00
197 MT VERNON ST	Full Replacement	\$ 1,900.00
221 MT VERNON ST	Full Replacement	\$ 3,020.00
235 MT VERNON ST	Full Replacement	\$ 3,280.00
45 MURRAY RD	Full Replacement	\$ 1,750.00
55 MURRAY RD	Full Replacement	\$ 1,580.00
57 MURRAY RD	Property Only	\$ 1,720.00
15 NEWELL RD	Property Only	\$ 1,990.00

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15 NORTH ST	Full Replacement	\$ 1,680.00
18 NORTH ST	Full Replacement	\$ 2,110.00
26 NORTH ST	Full Replacement	\$ 2,370.00
85-87 NORWOOD AVE	Full Replacement	\$ 2,160.00
3 OAK TER	Full Replacement	\$ 1,600.00
15 OAK TER	Full Replacement	\$ 1,930.00
19 OAKWOOD TER	Property Only	\$ 3,370.00
16 OMAR TER	Property Only	\$ 2,310.00
20 ORIENT AVE	Full Replacement	\$ 2,700.00
21 ORIENT AVE	Full Replacement	\$ 2,230.00
43 OTIS ST	Property Only	\$ 3,430.00
77 OTIS ST	Street Only	No private costs
88 OTIS ST	Full Replacement	\$ 2,940.00
240 OTIS ST	Property Only	\$ 3,200.00
273 OTIS ST	Property Only	\$ 3,810.00
20 OXFORD RD	Full Replacement	\$ 1,940.00
71 OXFORD RD	Full Replacement	\$ 2,550.00
139 PARK ST	Full Replacement	\$ 2,810.00
237 PARK ST	Full Replacement	\$ 3,060.00
14 PARKER AVE	Full Replacement	\$ 2,120.00
141 PARMENTER ROAD	Full Replacement	\$ 1,780.00
23 PEARL ST	Property Only	\$ 2,000.00
181 PEARL ST	Full Replacement	\$ 1,970.00
35 PELHAM ST	Property Only	\$ 3,520.00
49 PELHAM ST	Property Only	\$ 3,010.00
50 PELHAM ST	Property Only	\$ 2,610.00
10 PHILLIPS STREET	Full Replacement	\$ 2,010.00
23 PERSHING RD	Property Only	\$ 2,410.00
39 PINE RIDGE RD	Property Only	\$ 3,100.00
46 PINE RIDGE RD	Property Only	\$ 2,480.00
144 PINE RIDGE RD	Property Only	\$ 3,190.00
50 PLAINFIELD ST	Full Replacement	\$ 5,650.00
72 PLAINFIELD ST	Full Replacement	\$ 2,470.00
31 PLEASANT ST	Property Only	\$ 2,890.00
35 PLEASANT ST	Property Only	\$ 2,840.00
9-11 PROCTOR ST	Full Replacement	\$ 2,000.00
10-12 PROSPECT ST	Full Replacement	\$ 1,760.00
17-19 PULSIFER ST	Property Only	\$ 2,660.00
2 RAEBURN TER	Full Replacement	\$ 1,970.00
8 RAYMOND PLACE	Full Replacement	\$ 1,580.00
9-11 RAYMOND PLACE	Property Only	\$ 1,550.00

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36 REGENT ST	Property Only	\$	3,260.00
19 RESERVOIR AVE	Full Replacement	\$	2,390.00
49 ROCKLAND PL	Property Only	\$	1,660.00
2 ROWE ST	Property Only	\$	2,010.00
50 ROWE ST	Full Replacement	\$	2,690.00
34 RUTHVEN RD	Full Replacement	\$	2,710.00
21 SHAW ST	Property Only	\$	3,310.00
50 SHAW ST	Property Only	\$	3,070.00
67 SHERIDAN ST	Full Replacement	\$	2,330.00
23 SMITH AVE	Property Only	\$	2,710.00
16 SMITH CT	Property Only	\$	1,310.00
23 SMITH CT	Property Only	\$	1,680.00
25 SMITH CT	Property Only	\$	1,650.00
15 SOUTHGATE PK	Full Replacement	\$	3,460.00
39 STERLING ST	Full Replacement	\$	3,480.00
65 STERLING ST	Full Replacement	\$	4,940.00
20 SUMMER ST	Property Only	\$	1,530.00
70 SUMNER ST	Full Replacement	\$	3,020.00
98 SUMNER ST	Full Replacement	\$	2,850.00
115 SUMNER ST	Property Only	\$	3,480.00
147 SUMNER ST	Full Replacement	\$	2,670.00
190 SUMNER ST	Full Replacement	\$	2,260.00
13 TARLETON RD	Property Only	\$	2,460.00
17 TARLETON RD	Full Replacement	\$	2,500.00
21 TARLETON RD	Full Replacement	\$	2,380.00
31 TARLETON RD	Full Replacement	\$	2,140.00
60 TEMPLE ST	Property Only	\$	3,890.00
104 TEMPLE ST	Property Only	\$	3,650.00
85-87 TOLMAN ST	Full Replacement	\$	1,930.00
279 TREMONT ST	Property Only	\$	2,000.00
327 TREMONT ST	Full Replacement	\$	2,390.00
15 TURNER ST	Property Only	\$	3,140.00
21 TURNER ST	Full Replacement	\$	3,810.00
10-12 UPHAM ST	Full Replacement	\$	1,790.00
14-16 UPHAM ST	Full Replacement	\$	1,890.00
124 VERNON ST	Full Replacement	\$	2,290.00
125 VERNON ST	Full Replacement	\$	2,760.00
30 VISTA AVE	Full Replacement	\$	2,910.00
46 VISTA AVE	Property Only	\$	3,510.00
51-53 VISTA AVE	Full Replacement	\$	2,470.00
74 VISTA AVE	Full Replacement	\$	2,300.00

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46 WABAN AVE	Full Replacement	\$	2,430.00
101 WABAN HILL RD	Full Replacement	\$	2,760.00
16 WALKER ST	Full Replacement	\$	2,690.00
30 WALKER ST	Full Replacement	\$	2,270.00
44-46 WALKER ST	Full Replacement	\$	2,170.00
21 WALNUT ST	Full Replacement	\$	2,680.00
43 WALNUT ST	Full Replacement	\$	2,440.00
67 WALNUT ST	Property Only	\$	3,290.00
130 WALNUT ST	Full Replacement	\$	2,290.00
137 WALNUT ST	Property Only	\$	1,430.00
168 WALNUT ST	Full Replacement	\$	2,420.00
174 WALNUT ST	Full Replacement	\$	2,740.00
182 WALNUT ST	Full Replacement	\$	1,930.00
190 WALNUT ST	Full Replacement	\$	2,230.00
324 WALNUT ST	Property Only	\$	1,430.00
430 WALNUT ST	Property Only	\$	4,180.00
462 WALNUT ST	Property Only	\$	4,780.00
846 WALNUT ST	Property Only	\$	2,020.00
1047 WALNUT ST	Property Only	\$	2,430.00
1057 WALNUT ST	Property Only	\$	2,100.00
1066 WALNUT ST	Property Only	\$	5,650.00
96 WALTHAM ST	Property Only	\$	2,470.00
130 WALTHAM ST	Property Only	\$	2,450.00
339 WALTHAM ST	Property Only	\$	2,620.00
350 WALTHAM ST	Property Only	\$	2,200.00
372 WALTHAM ST	Property Only	\$	1,760.00
390 WALTHAM ST	Property Only	\$	4,330.00
414 WALTHAM ST	Full Replacement	\$	2,200.00
53 WASHBURN AVE	Property Only	\$	2,200.00
56-58 WASHBURN AVE	Full Replacement	\$	2,300.00
81 WASHBURN AVE	Full Replacement	\$	2,730.00
90 WASHBURN AVE	Full Replacement	\$	1,950.00
1157 WASHINGTON ST	Full Replacement	\$	2,530.00
1426 WASHINGTON ST	Property Only	\$	2,440.00
1515 WASHINGTON ST	Property Only	\$	3,660.00
323-325 WATERTOWN ST	Full Replacement	\$	1,650.00
430-432 WATERTOWN ST	Property Only	\$	2,220.00
484 WATERTOWN ST	Property Only	\$	3,070.00
503 WATERTOWN ST	Full Replacement	\$	3,090.00
510 WATERTOWN ST	Full Replacement	\$	2,450.00
511 WATERTOWN ST	Property Only	\$	2,100.00

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567 WATERTOWN ST	Full Replacement	\$	3,150.00
583 WATERTOWN ST	Full Replacement	\$	3,210.00
607 WATERTOWN ST	Property Only	\$	5,650.00
628 WATERTOWN ST	Property Only	\$	2,360.00
629 WATERTOWN ST	Property Only	\$	2,350.00
643 WATERTOWN ST	Property Only	\$	2,520.00
712 WATERTOWN ST	Property Only	\$	2,220.00
717-719 WATERTOWN ST	Property Only	\$	2,030.00
724 WATERTOWN ST	Property Only	\$	2,380.00
803 WATERTOWN ST	Property Only	\$	2,130.00
843/845 WATERTOWN ST	Property Only	\$	3,540.00
21-23 WAVERLEY AVE	Property Only	\$	2,630.00
70 WAVERLEY AVE	Property Only	\$	3,670.00
175 WAVERLEY AVE	Property Only	\$	3,160.00
310 WAVERLEY AVE	Full Replacement	\$	3,180.00
17 WESSEX RD	Full Replacement	\$	2,970.00
7 WESTBOURNE RD	Full Replacement	\$	2,640.00
11 WESTBOURNE RD	Full Replacement	\$	2,330.00
25-27 WESTBOURNE RD	Full Replacement	\$	2,240.00
40-42 WESTBOURNE RD	Full Replacement	\$	2,150.00
61 WESTBOURNE RD	Full Replacement	\$	3,330.00
19 WETHERELL ST	Property Only	\$	1,800.00
33 WILDWOOD AVE	Property Only	\$	1,760.00
34 WILDWOOD AVE	Full Replacement	\$	2,220.00
44 WILDWOOD AVE	Property Only	\$	2,030.00
56 WILDWOOD AVE	Full Replacement	\$	1,870.00
48 WINDEMERE RD	Property Only	\$	2,590.00
57 WINDEMERE RD	Property Only	\$	2,910.00
119 WINDEMERE RD	Full Replacement	\$	3,040.00
18 WINONA ST	Full Replacement	\$	2,110.00
327 WOLCOTT ST	Full Replacement	\$	2,200.00
330 WOLCOTT ST	Full Replacement	\$	1,990.00
335 WOLCOTT ST	Property Only	\$	2,400.00
338-340 WOLCOTT ST	Full Replacement	\$	2,360.00
341 WOLCOTT ST	Full Replacement	\$	2,090.00
354 WOLCOTT ST	Full Replacement	\$	2,160.00
361 WOLCOTT ST	Full Replacement	\$	2,500.00
386 WOLCOTT ST	Full Replacement	\$	1,980.00
406 WOLCOTT ST	Full Replacement	\$	3,280.00
35 WOODBINE TER	Full Replacement	\$	1,690.00
25 WOODCLIFF RD	Full Replacement	\$	2,000.00

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34 WOODCLIFF RD	Full Replacement	\$	2,810.00
49 WOODCLIFF RD	Full Replacement	\$	2,380.00
56 WOODCLIFF RD	Full Replacement	\$	2,930.00
77 WOODLAND RD	Property Only	\$	2,200.00
195 WOODLAND RD	Property Only	\$	3,350.00
230 WOODLAND RD	Property Only	\$	3,500.00
239 WOODLAND RD	Property Only	\$	2,510.00
146 WOODWARD ST	Full Replacement	\$	2,840.00
170 WOODWARD ST	Full Replacement	\$	2,930.00
175 WOODWARD ST	Full Replacement	\$	2,960.00
186 WOODWARD ST	Full Replacement	\$	2,530.00
192 WOODWARD ST	Full Replacement	\$	2,460.00
444 WOODWARD ST	Full Replacement	\$	2,620.00
452 WOODWARD ST	Full Replacement	\$	2,650.00
31 WYMAN ST	Full Replacement	\$	2,810.00

**Cost Estimate (Private)
Lead Service Replacement Project
City of Newton, MA**

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<u>Item</u>	<u>Units</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Cost</u>
Mobilization & Demobilization	L.S.	1	\$ 52,400.00	\$ 52,400.00
Sawcut Bituminous Concrete	L.F.	900	\$ 3.00	\$ 2,700.00
General Excavation	NA	NA	NA	\$ -
Excavation Below Grade	C.Y.	450	\$ 1.00	\$ 450.00
Rock Removal	C.Y.	100	\$ 50.00	\$ 5,000.00
Sand for Water Service Pipe Bedding	TON	3,250	\$ 15.00	\$ 48,750.00
Dust Control (Chemical Treatment)	L.B.	125	\$ 1.00	\$ 125.00
2" Bituminous Concrete Walks & Driveways (Patching Private Property)	S.Y.	550	\$ 20.00	\$ 11,000.00
Cold Patch	TON	10	\$ 1.00	\$ 10.00
Regrade, Loam, & Seed (Restore Loam Borders and/or Private Yards)	S.Y.	3,400	\$ 10.00	\$ 34,000.00
Miscellaneous Work Allowance (Engineers Discretionary Fund)	ALL.	1	\$ 15,000.00	\$ 15,000.00
1" Copper Water Service Tubing-PRIVATE	L.F.	18,200	\$ 30.00	\$ 546,000.00
1.5" Copper Water Service Tubing-PRIVATE	L.F.	1,150	\$ 35.00	\$ 40,250.00
2" Copper Water Service Tubing - PRIVATE	L.F.	500	\$ 45.00	\$ 22,500.00
Supply and Deliver Rust & Stain Remover as Required	CTN.	1	\$ 100.00	\$ 100.00
Basement Allowance	ALL.	1	\$ 25,000.00	\$ 25,000.00
Connection to Meter	EA.	584	\$ 100.00	\$ 58,400.00
Coring	EA.	292	\$ 500.00	\$ 146,000.00
Jackhammer Basement Floor	EA.	292	\$ 150.00	\$ 43,800.00
Hydraulic Concrete	L.B.	2,950	\$ 4.00	\$ 11,800.00
Sealant	L.B.	1,150	\$ 5.00	\$ 5,750.00
Price Adjustment: Hot Mix Asphalt Mixtures	ALL.	1	\$ 2,500.00	\$ 2,500.00
Price Adjustment: Fuel	ALL.	1	\$ 2,500.00	\$ 2,500.00
Price Adjustment: Cement	ALL.	1	\$ 2,500.00	\$ 2,500.00
		Subtotal:		\$ 1,076,535.00
		Contingency:		\$ 215,400.00
		Total:		\$ 1,291,935.00

**Cost Estimate (Public)
Lead Service Replacement Project
City of Newton, MA**

386-16

<u>Item</u>	<u>Units</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Cost</u>
Mobilization & Demobilization	L.S.	1	\$ 52,400.00	\$ 52,400.00
Sawcut Bituminous Concrete	L.F.	4,350	\$ 3.00	\$ 13,050.00
Sawcut Reinforced Concrete	L.F.	1,600	\$ 3.00	\$ 4,800.00
General Excavation	NA	NA	NA	\$ -
Test Pits	C.Y.	10,000	\$ 1.00	\$ 10,000.00
Excavation Below Grade	C.Y.	450	\$ 1.00	\$ 450.00
Rock Removal	C.Y.	100	\$ 50.00	\$ 5,000.00
Gravel Borrow	TON	260	\$ 1.00	\$ 260.00
Sand for Water Service Pipe Bedding	TON	3,250	\$ 15.00	\$ 48,750.00
Dust Control (Chemical Treatment)	L.B.	125	\$ 1.00	\$ 125.00
Reset Existing Granite Curb	L.F.	1,250	\$ 0.01	\$ 12.50
Reset Existing Bituminous Concrete Curb	L.F.	850	\$ 0.01	\$ 8.50
4" Bituminous Concrete Type I-1 for Permanent Trench Resurfacing (Placed in Two Courses)	TON	2,900	\$ 75.00	\$ 217,500.00
3" Bituminous Concrete Walks & Driveways (Patching Public Property)	S.Y.	400	\$ 30.00	\$ 12,000.00
4" Cement Concrete Walks with Lampblack	S.Y.	850	\$ 20.00	\$ 17,000.00
6" Cement Concrete Driveway Aprons with Lampblack	S.Y.	100	\$ 30.00	\$ 3,000.00
Cold Patch	TON	355	\$ 1.00	\$ 355.00
Miscellaneous Work Allowance (Engineers Discretionary Fund)	ALL.	1	\$ 15,000.00	\$ 15,000.00
Allowance for Payment of Uniformed Police Officers	ALL.	1	\$ 120,000.00	\$ 120,000.00
Vehicle Loop Detector	L.F.	100	\$ 0.01	\$ 1.00
1" Copper Water Service Tubing-PUBLIC	L.F.	7,600	\$ 15.00	\$ 114,000.00
1" Corporation	EA.	299	\$ 1,000.00	\$ 299,000.00
1" Curb Stop & Box	EA.	552	\$ 125.00	\$ 69,000.00
Nominal 5/8"-1" Water Service Coupling	EA.	552	\$ 30.00	\$ 16,560.00
1.5" Copper Water Service Tubing-PUBLIC	L.F.	450	\$ 20.00	\$ 9,000.00
1.5" Water Service Pipe Coupling	EA.	32	\$ 100.00	\$ 3,200.00
1.5" Corporation	EA.	20	\$ 1,250.00	\$ 25,000.00
1.5" Curb Stop & Box	EA.	32	\$ 250.00	\$ 8,000.00
2" Copper Water Service Tubing-PUBLIC	L.F.	100	\$ 30.00	\$ 3,000.00
2" Water Service Pipe Coupling	EA.	4	\$ 200.00	\$ 800.00
2" Corporation	EA.	3	\$ 1,500.00	\$ 4,500.00
2" Curb Stop & Box	EA.	4	\$ 500.00	\$ 2,000.00
Supply and Deliver Rust & Stain Remover as Required	CTN.	1	\$ 100.00	\$ 100.00
Existing Drainage Repair (All Sizes)	L.F.	400	\$ 50.00	\$ 20,000.00
Existing Sewer Service Repair (All Sizes)	EA.	60	\$ 50.00	\$ 3,000.00
CDF	C.Y.	1,750	\$ 100.00	\$ 175,000.00
Infrared	Crew Day	18	\$ 2,500.00	\$ 45,000.00

Cost Estimate (Public)
Lead Service Replacement Project
City of Newton, MA

386-16

<u>Item</u>	<u>Units</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Cost</u>
Price Adjustment: Hot Mix Asphalt Mixtures	ALL.	1	\$ 2,500.00	\$ 2,500.00
Price Adjustment: Fuel	ALL.	1	\$ 2,500.00	\$ 2,500.00
Price Adjustment: Cement	ALL.	1	\$ 2,500.00	\$ 2,500.00
		Subtotal:		\$ 1,324,372.00
		Contingency:		\$ 264,900.00
		Total:		\$ 1,589,272.00