



Public Facilities Committee Agenda

City of Newton In City Council

Wednesday, October 18, 2017

7:00 PM

Room 204/Chamber

Items Scheduled for Discussion:

- #279-17 Mayor's appointment of Miles Smith to the Solid Waste Commission**
MILES SMITH, 30 Webster Street, Newton, appointed as a member of the SOLID WASTE COMMISSION for a term to expire September 30, 2020. (60 DAYS 11/4/17) [08/09/17 @ 11:19 AM]
- #316-17 Mayor's appointment of Sunwoo Kahng to the Solid Waste Commission**
SUNWOO KAHNG, 60 Garland Road, Newton Centre appointed as a member of the SOLID WASTE COMMISSION for a term to expire November 15, 2020. (60 DAYS 12/01/17) 09/27/17 @ 2:49 PM]

Public Hearing

- #328-17 Verizon petition for grant of location on Bigelow Road**
VERIZON petition for a grant of location to install 334± of conduit 334' from an existing handhole (HH1) in front of 133 Bigelow Road in a westerly direction to a proposed handhole (HH2) in front of 111 Bigelow Road to provide service to a new home. [(Ward 2) 10/05/2017 @ 12:00 PM]

Public hearing

- #329-17 National Grid petition for grant of location on Broken Tree Road**
NATIONAL GRID petitioning for a grant of location to install and maintain 75'± of 4" gas main in BROKEN TREE ROAD from the existing main at #74 Broken Tree Road northerly to house #82 to provide new service. [(Ward 8) 10/05/2017 @ 12:19 PM]
- #326-17 Request for updates on Newton Power Program**
PUBLIC FACILITIES COMMITTEE requesting an update from the Director of Sustainability and the Administration on the development of a program, known as

The location of this meeting is accessible and reasonable accommodations will be provided to persons with disabilities who require assistance. If you need a reasonable accommodation, please contact the city of Newton's ADA Coordinator, Jini Fairley, at least two business days in advance of the meeting: jfairley@newtonma.gov or (617) 796-1253. The city's TTY/TDD direct line is: 617-796-1089. For the Telecommunications Relay Service (TRS), please dial 711.

Newton Power Choice, to aggregate the electricity demand of Newton's electric customers. [10/05/2017 @ 4:28 PM]

#327-17 Request for updates on rate case hearings

COUNCILOR CROSSLEY requesting an update from the Director of Sustainability and Public Buildings about the City's involvement in the recent rate case hearings, anticipated results and how this may impact future municipal solar photovoltaic installation. [10/10/2017 @ 11:03 AM]

Referred To Public Facilities and Finance Committees

#320-17 Request to construct fence around Rumford Avenue solar site

COUNCILORS SANGIOLO, HARNEY AND GENTILE requesting that His Honor the Mayor take the necessary steps to construct a 9½' chain link fence with ivy around the exterior of the Rumford Avenue solar site. [09/29/17 @ 2:18 PM]

#166-17 Resolution that the City become 100% renewable by 2027

COUNCILORS SANGIOLO, NORTON & BROUSAL-GLASER requesting a resolution from the City Council urging the Newton Legislative Delegation in the State Legislature to do everything in its power to bring Massachusetts closer to 100% renewable energy by 2027 and ensure that the benefits of renewable energy are realized by Massachusetts residents from all walks of life. The Resolution should also include a statement that the City Council supports a goal of using 100% clean and renewable energy citywide by 2027. [05/19/17 @3:17 PM]

It is the Chair's intent to NAN the following items:

Referred to Public Facilities and Finance Committees

#385-16 Discussion about the Community Solar Share Program

PUBLIC FACILITIES COMMITTEE requesting discussion with the Administration and Public Buildings Department about the Community Solar Share Program, which intends to provide credits resulting from solar power generated at 70 Elliot Street to qualifying low income residents. [10/26/16 @ 4:20 PM]

Referred to Public Facilities and Finance Committees

#56-17 Request to increase the Public Works Department by one full-time position

HIS HONOR THE MAYOR requesting authorization to add one full-time employee within the Public Works Department to manage all detail requests submitted to the Police Detail Coordinator. [02/27/17 @ 2:42 PM]

Referred to Public Safety & Transportation, Public Facilities, and Finance Committees

- #179-17 Request for parking meter pilot(s)**
COUNCILORS ALBRIGHT, KALIS, LAREDO AND LEARY requesting a parking meter pilot or multiple pilots in Fiscal Year 2018 using the latest technology, which allows payment by credit card and other features, such as monitoring meter usage, providing feedback to administrators, information to drivers, and allowing time-based fee adjustment. [05/22/17 @ 9:15 AM]

Items Not Scheduled for Discussion at this Meeting:

Public Hearing

- #330-17 Verizon petition for grant of location on Bellevue Street**
VERIZON petition for a grant of location to install one new Pole (P.13/20S) on the southerly side of Bellevue Street, 30'± southerly to existing pole (P.13/20) in front of 35 Howard Street, to remove a guy wire from a tree. [(Ward 1) 10/10/2017 @ 12:08 PM]
- #331-17 Acceptance of a drainage easement at the end of Lake Terrace**
HIS HONOR THE MAYOR requesting acceptance of a 20' wide drainage easement from the Lake Terrace Right-of-Way extending to the shore of Crystal Lake, as noted on the proposed drainage easement plan.
- #315-17 Discussion with DPW regarding sewer extension billing**
COUNCILOR GENTILE requesting a discussion on how the City currently bills residents for sewer extensions. [09/18/17 @ 3:51 PM]

Referred to Public Facilities and Public Safety & Transportation Committees

- #281-17 Updates on the Washington Street Design**
COUNCILORS CROSSLEY AND CICCONE requesting updates from the Planning Department and DPW to the Public Facilities and Public Safety & Transportation Committees on the progress and design of the Washington Street corridor. [08/28/2017 @3:13 PM]

Referred to Public Facilities Committee

- #280-17 Updates on the FY18 Accelerated Roads Program**
COUNCILOR CROSSLEY requesting periodic updates to the Public Facilities Committee on the FY18 Accelerated Roads Program. [08/28/2017 @3:13 PM]

Referred to Programs & Services and Public Facilities Committees

- #27-16 Updates from the Administration on the renovations at the Aquinas site**
PROGRAMS & SERVICES AND PUBLIC FACILITIES COMMITTEES requesting that the School Department and/or Executive Department provide updates on removal of

asbestos and other toxic materials that were identified at the Aquinas site, the scope and timing of window replacement in particular, and renovations that may be necessary to facilitate short and long-term plans for uses and operations at the site. [01/10/16 @ 1:14 PM]

#171-17

Ordinance Amendment Sec 29-80 Sewer Use Charge

HIS HONOR THE MAYOR requesting an amendment to Section 29-80 Sewer Use Charge of the City of Newton Ordinances by adding the following sentence at the end of Paragraph (a): Notwithstanding the foregoing, seasonal water takers not eligible for an outdoor meter under said Section 29-24, shall pay a charge for the use of sewerage works in proportion to water consumption. [05/30/17@ 3:21 PM]

Finance Held and Referred the Item to Public Facilities 8-0

Referred to Programs & Services, Public Fac. and Finance Committees

#178-17(B)

Appropriate \$500,000 for renovations to the Newton Free Library

HIS HONOR THE MAYOR requesting authorization to appropriate the sum of five hundred thousand dollars (\$500,000) from bonded indebtedness for the purpose of funding renovations at the Newton Free Library to include expansion of the Children's Room and other improvements to the First Floor. [05/30/17 @ 2:38 PM]

Public Facilities split the item into Part A and Part B.

Part A – \$75,000 for design and soft costs.

Part B - \$425,000 for construction costs

Public Facilities Approved Part A 7-0 and Held Part B 7-0 on 06/07/17

Finance Approved Part A 8-0 and Held Part B 8-0 on 06/12/17

Public Facilities and Finance Committees

#91-17

Licensing agreement for wireless carriers to install equipment on city poles

COUNCILORS CROSSLEY, ALBRIGHT AND LAPPIN requesting a discussion with the administration regarding possible licensing agreements with wireless carriers, and to create a policy and to develop and adopt a uniform license agreement for wireless carriers to install wireless communication devices on city-owned poles in the public way. [03/27/17 @ 4:44 PM]

#5-17

Discussion with DPW regarding salt use for snow clearing operations

COUNCILORS CROSSLEY, ALBRIGHT requesting a discussion with the Commissioner of Public Works about City Policy that determines the use of salt on roadways during snow clearing operations, to understand how we might minimize the amount of salt used overall and consider eliminating the placement of salt barrels at certain locations throughout the City. [12/23/2016 @ 8:37 AM]

Referred to Public Facilities Committee

#317-16

Discussion with Double Poles Working Group

COUNCILOR LAREDO requesting a discussion with the Double Poles Working Group to receive an update on the work of the group and the status of double poles.

[07/11/2016 @ 12:44 PM]

Referred to Programs & Services and Public Facilities Committees

- #344-16** **Discussion regarding oversight of all city/school buildings to improve efficiencies**
COUNCILOR LAPPIN requesting a discussion regarding the Public Buildings Department overseeing all public buildings, including School Department facilities, to improve efficiencies. [10/07/16 @ 10:47 AM]

Referred to Programs & Services and Public Facilities Committees

- #141-15** **Discussion on tracking and improving the condition of the gas utility infrastructure**
ALD. BROUSAL-GLASER, SANGIOLO, HESS-MAHAN, COTE, NORTON AND ALBRIGHT requesting a discussion with the Director of Urban Forestry, a representative of the Department of Public Works and a representative of the Law Department about tracking and improving the condition of the gas utility infrastructure in Newton, new state statutes governing infrastructure repairs, coordination of increased repair work with city operations, the status of negotiations with National Grid to compensate for tree deaths resulting from gas leaks, and the possibility of creating a utilities working group to monitor progress on these and related issues. [05/26/15 @ 2:52 PM]

- #163-16** **Request for discussion with DPW to consider amend Ordinance for street reconstruction**

COUNCILORS CROSSLEY, LAREDO & LAPPIN requesting a discussion with the Commissioner of Public Works, to review city policy and/or ordinances governing repairs to city streets within a period of years after full reclamation and/or milling and repaving of said streets, and to consider strengthening the requirements for repairs so as to protect the public investment in said streets.

- #26-16** **Proposed amendments to Sec. 5-54 through 5-58 of the Ordinances**

COUNCILOR CROSSLEY, ALBRIGHT, HARNEY AND SANGIOLO requesting revisions to Sections 5-54 through 5-58 of the City of Newton Ordinances to clarify the City Council's role and decision-making process with respect to design review, funding, and budget oversight during the construction process of municipal capital building projects; in particular, to better align City Council decisions with typical steps in the design development process, and where applicable, with Massachusetts School Building Authority (MSBA) and other state requirements. [01/11/16 @ 4:53 PM]

- #313-15** **Request for an update on the Second Water Meter Program**

ALD. LAPPIN requesting an update from the Department of Public Works on the second water meter program including: the progress of the inspection and programming of the approximately 900 new outdoor irrigation meters provided by the

City to property owners that have yet to be inspected and/or programmed by the City; the process going forward for the issuance, inspection, programming and tracking of second meters; and the notification of residents who already had second meters regarding the process for registering their meters. 10/26/15 @ 7:15 PM]

Referred to Public Facilities and Finance Committees

#223-15

Discussion on the process of licensing the use of city buildings

ALD. LAREDO requesting a discussion of the process of licensing the current and future use of city building, including: (a) how licensees may request the use of city buildings; (b) the process for determining which licensees will get the use of city buildings; (c) how the fees for the use of city buildings are set; and (d) how the current process compares to the process for permitting the use of school buildings. [08/13/15 @ 11:20 AM]

Referred to Programs & Services and Public Facilities Committees

#201-15

Discussion regarding the condition of the Kennard Estate building

ALD. SANGIOLLO requesting a discussion with the Commissioner of Public Buildings, the Commissioner of Parks and Recreation, and the Executive Department regarding the condition of the property located at 246 Dudley Road (Kennard Estate) and how much, if any, repairs and upgrades will be needed as the City relocates the Parks and Recreation Department to that location. [09/01/15 @ 4:00 PM].

#328-14

Review of double utility poles

ALD. ALBRIGHT, DANBERG, & LAREDO requesting a review of double poles in Newton including a random sampling of ten double poles on the north side and ten double poles on the south side of Newton to determine which utility is holding up the removal of double poles. [08/19/14 @ 9:16 AM]

Referred To Programs & Services And Public Facilities Committees

#36-12

Inspection of private sewer lines and storm water drainage connections

ALD. CROSSLEY & FULLER requesting Home Rule legislation or an ordinance to require inspections of private sewer lines and storm water drainage connections prior to settling a change in property ownership, to assure that private sewer lines are functioning properly and that there are no illegal storm water connections to the city sewer mains.

A) Sewer lines found to be compromised or of inferior construction would have to be repaired or replaced as a condition of sale;

B) Illegal connections would have to be removed, corrected, and re-inspected in accordance with current city ordinances and codes, as a condition of sale.

[01/24/12 @ 8:07 AM]

Programs & Services Voted No Action Necessary 6-0 on 11/17/14

#367-09 Discussion on repair of underground streetlight connections
PUBLIC FACILITIES COMMITTEE requesting discussion with the Law Department on how to resolve the dispute with NStar regarding whose responsibility it is to repair the streetlight connection between the manhole and the base of the streetlight. [10/21/09 @ 9:00 PM]

#131-13 Updates and discussion on the sewer, water and storm water systems
ALD. CROSSLEY, FULLER, SALVUCCI, JOHNSON, CICCONE requesting periodic updates and discussion, at the discretion of the members of the Public Facilities Committee or the Commissioner of Public Works, on the condition functioning, operations and management of all elements of the City sewer, water and storm water systems including the following:

- Water meters
- Implementation of the ten project area strategic plan to remove infiltration in the City sewer system
- Implementation of the long range strategic plan to repair and replace City water mains, especially to correct for fire flow
- Status of the City's Private Inflow Removal Program to resolve and disconnect illegal storm water connections to the City sewer system
- Current billing practices
- Rates analyses needed to facilitate an informed comparison of billing options to include the following options either alone or in combination: seasonal rates, second meters, tiered rates, frequency of billing, low income credits.

#188-14 Update on the Cabot School construction project
PUBLIC FACILITIES COMMITTEE requesting periodic updates on the Cabot Elementary School Project. [04/17/14 @ 10:48 PM]

Referred to Public Safety & Transportation And Public Facilities Committees

#413-11 Updates on the renovations to the City's fire stations
ALD. CICCONE, SALVUCCI, GENTILE & LENNON updating the Public Facilities and Public Safety & Transportation Committees on the progress of renovations to the city's fire stations. [11-17-11 @11:07 AM]

Referred to Programs & Services Committees and Public Facilities

#12-17 Request for updates on the Library Expansion Project
COUNCILORS CROSSLEY, ALBRIGHT AND BLAZAR requesting periodic updates from the Library Trustees and Library Director on the Library expansion project. [01/03/2017 @ 3:55 PM]

Referred to Programs & Services Committees and Public Facilities

#13-17

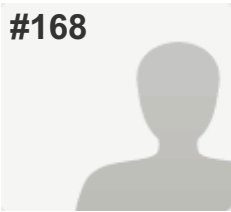
Request for updates on the Archive Expansion Project

COUNCILORS CROSSLEY, ALBRIGHT, AND BLAZAR requesting periodic updates from the City Clerk on the Archives expansion project. [01/03/2017 @ 3:56 PM]

Respectfully submitted,

Deborah J. Crossley, Chair

#168

**COMPLETE****Collector:** New Link (Web Link)**Started:** Thursday, December 15, 2016 9:00:59 PM**Last Modified:** Thursday, December 15, 2016 9:16:49 PM**Time Spent:** 00:15:49**IP Address:** 108.26.194.36

PAGE 1: Application for City of Newton Boards and Commissions

Q1: Your contact information

First Name	Miles
Last Name	Smith
Street Address	30 Webster St
Village	West Newton
Zip code	02465
E-mail	
Telephone Number	

Q2: How did you learn of the opening on this Board, Commission or Advisory Committee?

Other (please specify) commission members

Q3: Several Committees and Commissions currently have openings to which the Mayor can appoint. On which Committee or Commission are you interested in serving? Please select from the list below.

Solid Waste Commission

PAGE 2: Tell us about yourself

Q4: Have you ever served on a Newton Commission or Committee in the past?

Yes

PAGE 3: Past Committee Appointments

Q5: Which Committee/s or Commission/s did you serve on?

Mayors Advisory Committee on Recycling; Household Hazardous Waste Committee; Newton Bike/Ped Task Force

Q6: Dates of Service

1991-Current (currently chair); 1991-~2000; 1995-Current (served as Chair for two years)

PAGE 4: Letter of Interest

Q7: Please tell us a little about yourself and why you are interested in serving on this committee.

Resident since '91, great deal of interest in all things environmental- recycling, waste reduction, HHW, reuse, energy conservation, bicycle/pedestrian and transportation issues.

Q8: If you have an updated resume, please paste a copy of the text here.

Miles B. Smith
Audio Engineer
30 Webster St. West Newton, MA 02465

Miles B. Smith is a freelance audio engineer now based in the Boston area.

LIVE MUSIC RECORDING & BROADCAST

Miles has recorded at literally hundreds of East coast venues, using the gamut of techniques -from minimalist mic'ing direct to digital stereo, to rock & roll bands live to multitrack while broadcasting live on the satellite. Artists range from John Cage to Machito, from Sun Ra to Pete Seeger, from the Talking Heads to the Chamber Music Society of Lincoln Center. Two of his live recording projects are amongst his four Grammy awards nominations.

STUDIO CONSTRUCTION & MAINTENANCE

Miles has been involved in the design and construction of over a dozen studios, including radio broadcast studios, recording studios, and post production facilities. While most are in New York City, others are in Boston, Washington DC, Haiti and Grenada.

At WGBH Radio in Boston he worked on the integration of the ground-up purpose built studios, personally OK'ing every wiring design for the radio facility, which includes a 48tk SSL digital recording studio suitable for orchestra recording, and eight other production and on-air rooms.

He is also involved in all areas of pro audio equipment maintenance- from fixing mic cables to major console and multitrack overhauls, speaks Mac and PC.

Miles also works on special installations of sound systems for interesting projects, building user-friendly interfaces for non-technical personnel, while retaining maximum flexibility for advanced applications. These have included museum systems, performance artist projects, and community radio facilities

MISCELLANEOUS

Miles has done handheld stereo soundgathering in East Africa, Pakistan, Wyoming, India, Zimbabwe, Texas, Vermont, and New York. These have included projects for NPR, CBC, APR, VPR, environment records, and audio art projects. Miles has been the tech director of stage at Columbia University, has done music and spoken word studio post production, engineered live satellite broadcasts from demonstrations, marathon readings, national call-in radio shows, and radio conferences. He has also occasionally been forced to do sound reinforcement, and audio for video. He graduated first in his class with a Certificate in Electronics from the Lowell Institute at MIT, winning the Park Award.

A Partial List of Professional Experience

Studio Design and Construction:

WGBH-FM, Boston
This American Life studio, NYC
Carnegie Hall Tonight studio, NYC
Living On Earth, Boston
Acoustiguide Corp., NYC
Seltzer Sound, NYC
Radio Haiti Inter, Haiti (seen in the Jonathan Demme film The Agronomist)
WBAI, NYC
Caribbean Education Project, Grenada
Pacifica News Service, Washington DC
The Radio Foundation, NYC
Independent Broadcast Associates, Littleton, MA
David Freudberg home studio, Belmont, MA

Equipment Maintenance Clients:

WRAI NYC (staff technician 1985 thru 1990)

WETA, NYC (staff technician 1988 thru 1990),
 Lincoln Center Library, NYC
 Current Designs Corp. NYC
 Carnegie Hall Tonight studios, NYC
 Harvestwork/ Studio PASS, NYC
 New Radio and Performing Arts production room, Brooklyn, NY
 Tapestry Sound, NYC
 New School Media Center, NYC
 Columbia University Wolman Auditorium (on staff 1981 thru '85)
 Living On Earth Public Radio show, Boston
 Monitor Radio, Christian Science Monitor, Boston

Grammy Nominated Albums:

- 1980 Best Cast Show Album
- One Mo' Time – (Jerry Wexler, producer)
- 1986 Best Comedy Recording-Bob and Ray: A Night of Two Stars Recorded Live at Carnegie Hall
- 1987 Best Comedy Recording -The Best of Bob and Ray, Vol. 1
- 1990 Best Comedy Recording -The Best of Bob and Ray: Selections from a Career, Vol. 4

PAGE 5: Other Interests

Q9: If the openings have been filled on your first choice of Committee, would you be willing to serve on another Committee? No

PAGE 7: SurveyMonkey Audience

Q10: Gender *Respondent skipped this question*

Q11: Age *Respondent skipped this question*

Q12: Household Income *Respondent skipped this question*

Q13: Education *Respondent skipped this question*

Q14: Location (Census Region) *Respondent skipped this question*



SETTI D. WARREN
MAYOR

City of Newton, Massachusetts
Office of the Mayor

316-17

Telephone
(617) 796-1100

Facsimile
(617) 796-1113

TDD/TTY
(617) 796-1089

E-mail
swarren@newtonma.gov

Honorable City Council
Newton City Hall
1000 Commonwealth Avenue
Newton, MA 02459

Ladies and Gentlemen:

I am pleased to appoint Sunwoo Kahng of 60 Garland Road, Newton as a member of the Solid Waste Commission. Her term of office shall expire on November 15, 2020 and her appointment is subject to your confirmation.

Thank you for your attention to this matter.

Very truly yours,


Setti D. Warren

Mayor

RECEIVED
Newton City Clerk
2017 SEP 27 PM 3:34
David A. Oison, CMC
Newton, MA 02459

1000 Commonwealth Avenue Newton, Massachusetts 02459

www.newtonma.gov



DEDICATED TO COMMUNITY EXCELLENCE

SUNWOO KAHNG

60 Garland Road
Newton, MA 02459

Objective

Member of the City of Newton Solid Waste Commission.

Experience

Board Member, Green Newton; Newton, MA — 2010-Present

Responsible for organizing Organic Garden Tours, connecting 'green teams' at various schools in the Newton Public Schools, organizing Green Expo in Newton Centre, fundraising, website development, and weekly communication to members.

Website Manager and E-Newsletter Editor, Green Newton; Newton, MA — 2016-Present

Member of team that redesigned the Green Newton website and established a weekly e-newsletter that publishes posts about sustainable events and news in Newton and surrounding areas. Currently manage content of Website and e-newsletter.

PTO Co-President, Mason-Rice Elementary; Newton, MA — 2011-2013

With two co-presidents, responsible for coordinating various PTO functions for the community of 300 plus families, fundraising, and communications to faculty and parents. Also represented school community at Newton PTO Council.

Green Team, Mason-Rice Elementary; Newton, MA — 2009-2016

Founding member of the school PTO 'green team'. Created and maintained a program for composting and recycling at large PTO events (500 plus people)—diverting over 80% of waste generated. Awarded grant to rebuild school garden.

Education

University of Michigan, M.A. in Information Studies 1997-1998

University of Michigan, B.A. in History and East Asian Studies 1984-1989

References

Marcia Cooper, President of Green Newton - marcia@greennewton.org

Julia Hamilton, Former Co-President Mason-Rice Elementary School - jbhorjmh@yahoo.com

RECEIVED
Newton City Clerk

CITY OF NEWTON
MASSACHUSETTS

2017 OCT -5 PM 12:00

David A. Olson, CMC
Newton, MA 02459

PETITION for GRANT OF LOCATION

To the Petitioner:

City of Newton Ordinance Section 23-5 requires that each petition for grant of location be submitted to the City Council before it is sent to the Public Works Department for a preliminary review. The comments of the Public Works Commissioner will be part of the record submitted to the City Council. Upon filing with the City Council, the petition will be scheduled for a public hearing before the Public Facilities Committee of the City Council. **The petitioner is responsible for insuring that the petition is complete and all required materials are in order for review.** Attached please find the City Engineer's Standard Requirements for Plans and the Department of Public Works Permit Processing brochure.

Grant of Location Process:

1. Applicant submits completed Petition Form and required materials to the City Council
2. Public Works Department conducts preliminary review and gives written comments to the applicant
3. Engineering Division files Petition Form with comments with the Clerk of the City Council
4. City Council schedules petition for a public hearing before the Public Facilities Committee of the City Council
5. Public Facilities Committee recommendations are forwarded to the City Council for a final decision

Questions may be directed to:

Lou Taverna, City Engineer, 617-796-1020
City Council Office, 617-796-1210

I. IDENTIFICATION (Please Type or Print Clearly)

Company Name Verizon New England Inc.

Address 385 Myles Standish Blvd

Taunton, MA 02780

Phone Number 774-409-3170 Fax Number _____

Contact Person Karen Lyesque Title ROW Manager

Signature *Karen Lyesque* Date 10/4/17
Person filing application

If a telecommunications company, indicate how certified by the Department of Telecommunications and Energy:

II. DESCRIPTION OF PROJECT: to be completed by petitioner

A. Write here or attach a description of the project including, location, proposed time frame for completion, type of materials to be used, benefit provided to the City, project mitigation plan as applicable, street reconstruction plan including timetable for completion.

placing 334' of new conduit and one new Handhole on Bigelow Rd

B. Include or attach a sketch to provide a visual description of the project. If plans are attached, provide:

Title of Plan Petition Plan Newton 1A2E5HF Date of plan 10/3/17

III. PUBLIC WORKS DEPARTMENT REVIEW

Date received by Public Works Department _____

Check One:

Minor Project Major Project Lateral

(Refer to City Engineer Standard Requirements for Plans for definition of minor and major project)

Plans Submitted:

Certified Plot Plan Stamped Plans

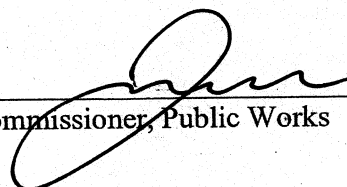
DATE AND COMMENTS:

RECOMMENDATIONS:

Proposed work is behind curb line, within the gross portion of the street layout. Trench compaction shall be 95% Proctor Test + all areas	restored to original grades, and material. There is one driveway (asphalt) that shall also be restored.
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John Dapile
Associate City Engineer
10/6/17

V. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:


Commissioner, Public Works

10/10/17
Date

Karen Levesque
Right of Way Manager

verizon^v

385 Myles Standish Blvd
Taunton, MA 02780

Office 774-409-3170
Mobile 774-504-1279
Karen.levesque@one.verizon.com

October 4, 2017

Newton City Council
Newton City Hall, Room 105
1000 Commonwealth Avenue
Newton, MA 02459

**RE: Petition for Verizon job #1A2E5HF
Bigelow Road, Newton, MA**

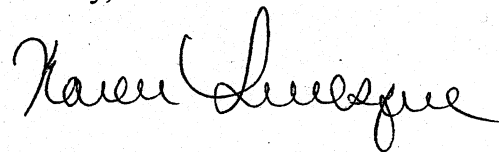
Dear Honorable City council:

Enclosed find the following items in support of the above-referenced project:

1. Petition;
2. Petition Plan;
3. Order;
4. Abutters.

A Public Hearing and notice to abutters is required. A Verizon representative will attend the Public Hearing. Should any questions or comments arise concerning this matter prior to the hearing, please contact me at 774-409-3170. Your assistance is greatly appreciated.

Sincerely,



Karen Levesque
Right of Way Manager

Enc

PETITION FOR CONDUIT LOCATION

To the City Council

of NEWTON, Massachusetts

VERIZON NEW ENGLAND INC. requests permission to lay and maintain underground conduits, with the wires and cables to be placed therein, under the surface of the following public way or ways:

Bigelow Road:

Place one new two-inch (2") conduit and one new Handhole approximately 334' beginning at existing Handhole numbered HH1, which is situated on the southerly side of Bigelow Road, thence extending in a westerly direction along the southerly side of Bigelow Road to a new Handhole, HH2 located on the southerly side of Bigelow Road.

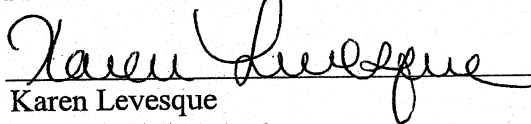
This petition is necessary in order to provide service to a new home being built at #111 Bigelow Road

Also for permission to lay and maintain underground conduits, manholes, cables and wires in the above or intersecting public ways for the purpose of making connections with such poles and buildings as it may desire for distributing purposes.

Plan marked-VZ N.E. Inc. No. 1A2E5HF dated October 3rd, 2017 showing location of conduit to be constructed is filed herewith.

VERIZON NEW ENGLAND INC.

By



Karen Levesque

Manager - Rights of Way

Dated this _____ day of _____, 2017.

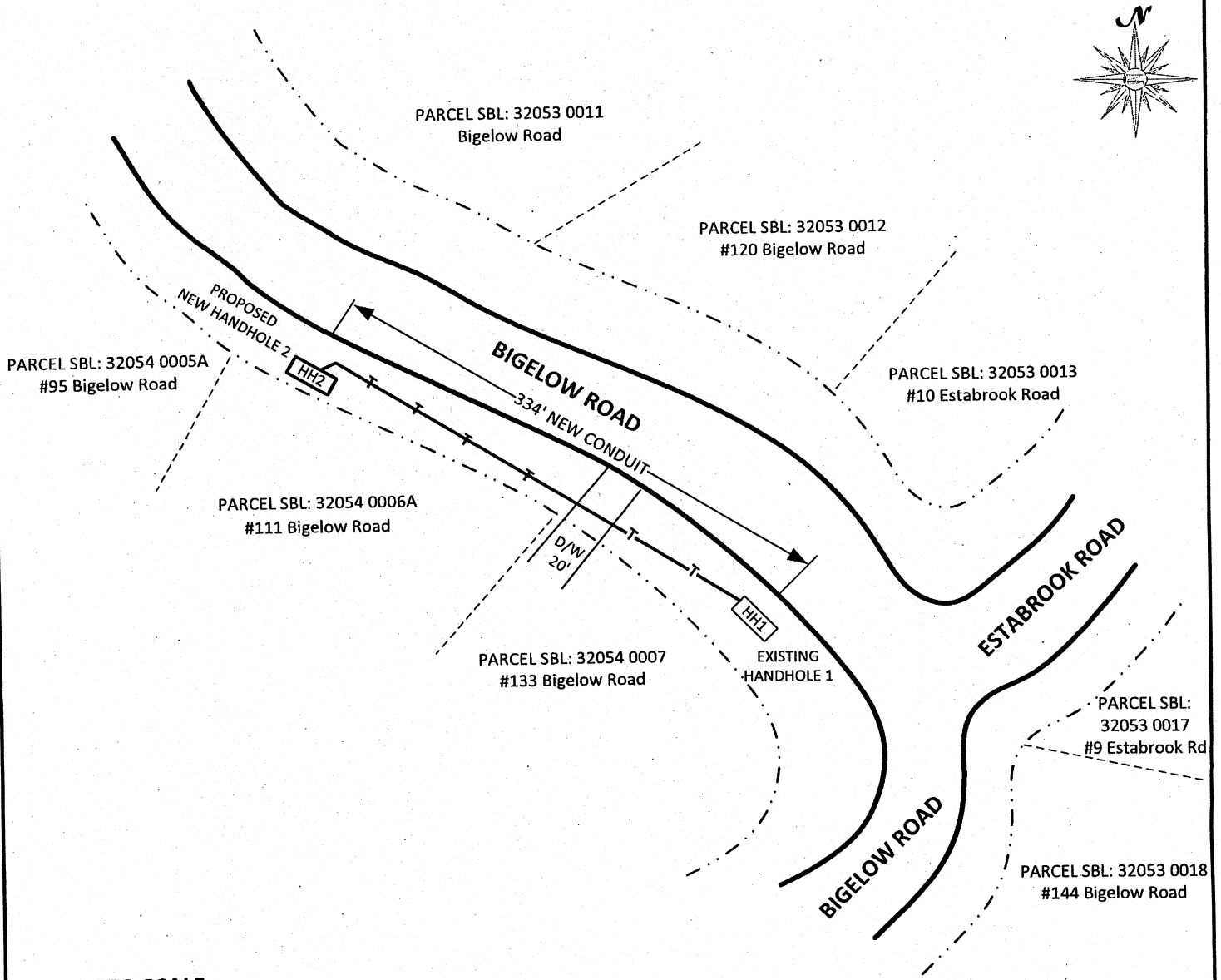


PETITION PLAN

MUNICIPALITY NEWTON VZ N.E. Inc. No. 1A2E5HF

VERIZON NEW ENGLAND, INC DATE: October 3, 2017.

SHOWING PROPOSED INSTALLATION OF CONDUIT AND ONE HANDHOLE ON BIGELOW ROAD



NOT TO SCALE

LEGEND

- EDGE OF PAVEMENT
- EDGE OF ROADWAY
- PROPERTY LINE

- EXISTING HANDHOLE
- PROPOSED HANDHOLE
- PROPOSED CONDUIT

Final Label Report

SBL	Owner	Number	Street	Unit
32053 0011	RUBIN MARK H TR		BIGELOW RD	
32053 0010	RUBIN MARK H & LAUREN E TRS	84	BIGELOW RD	
32054 0005	DIAS JOHN J & SALLY L	85	BIGELOW RD	
32054 0005A	HERZOG JONATHAN M	95	BIGELOW RD	
32054 0006A	174 VALENTINE STREET LLC	107	BIGELOW RD	
32053 0012	GOLDMAN STUART & CHRISTINE FRANZ-	120	BIGELOW RD	
32054 0007	WILLER LEE H	133	BIGELOW RD	
32053 0018	COWIN WILLIAM I & COWIN JUDITH A	144	BIGELOW RD	
32053 0019	SHAHBAZIAN AMIR & SHAHRZAD	164	BIGELOW RD	
32053 0017	MONTAGUE DAVID G	9	ESTABROOK RD	
32053 0013	WEINBERG JR RICHARD L & DAVID TRS	10	ESTABROOK RD	

ORDER FOR CONDUIT LOCATION

By the City Council of the City of NEWTON, Massachusetts.

Notice having been given and a public hearing held, as provided by law,
It is HEREBY ORDERED:

That permission be and hereby is granted VERIZON NEW ENGLAND INC. to lay and maintain underground conduits and manholes, with the wires and cables to be placed therein, under the surface of the following public way or ways as requested in petition of said Company dated the 4th day of October, 2017.

Bigelow Road:

Place one new two-inch (2") conduit and one (1) Handhole approximately 334' beginning at existing Handhole numbered HH1, which is situated on the southerly side of Bigelow Road, thence extending in a westerly direction along the southerly side of Bigelow Road to a new Handhole, HH2 located on the southerly side of Bigelow Road.

This petition is necessary in order to provide service to a new home being built at #111 Bigelow Road

Substantially as shown on plan marked- VZ N.E. Inc. No. 1A2E5HF dated October 3, 2017 - filed with said petition. Also, that permission be and hereby is granted said VERIZON NEW ENGLAND INC. to lay and maintain underground conduits, manholes, cables and wires in the above or intersecting public ways for the purpose of making connections with such poles and buildings as it may desire for distributing purposes.

The foregoing permission is subject to the following conditions:

1. The conduits and manholes shall be of such material and construction and all work done in such manner as to be satisfactory to such municipal officers as it may appoint to the supervision of the work, and a plan showing the location of conduits constructed shall be filed with the City when the work is completed.
2. In every underground main line conduit constructed by said Company hereunder one duct not less than three inches in diameter shall be reserved and maintained for the limited purpose of attaching one-way low voltage fire and police signaling wires owned by the municipality or governmental entity for public safety purposes only.
3. Said Company shall indemnify and save the City harmless against all damages, costs and expense whatsoever to which the City may be subjected in consequence of the acts or neglect of said Company, its agents or servants, or in any manner arising from the rights and privileges granted it by the City.
4. In addition said Company shall, before a public way is disturbed for the laying of its wire or conduits, execute its bond in a penal sum of Ten Thousand Dollars (\$10,000) (reference being had to the bond already on file with said City) conditioned for the faithful performance of its duties under this permit.
5. Said Company shall comply with the requirements of existing by-laws and such as may hereafter be adopted governing the construction and maintenance of conduits and wires, so far as the same are not inconsistent with the laws of the Commonwealth.

I hereby certify that the foregoing order was adopted at a meeting of the City Council of the City of NEWTON, Massachusetts, held on the _____ day of _____ 2017.

City Clerk

ORDER FOR CONDUIT LOCATION

We hereby certify that on _____ 2017, at _____ o'clock _____ M. at _____ a public hearing was held on the petition of the VERIZON NEW ENGLAND INC. for permission to lay and maintain underground conduits, manholes and connection, with the wires and cables to be placed therein, described in the order herewith recorded, and that we mail at least seven days before said hearing a written notice of the time and place of said hearing to each of the owners of real estate (as determined by the last preceding assessment for taxation) along the ways or parts of ways upon which the Company is permitted to construct the lines of said Company under said order. And that thereupon said order was duly adopted.

City Council of the City of NEWTON, Massachusetts

CERTIFICATE

I hereby certify that the foregoing is a true copy of location order, and certificate of hearing with notice adopted by the City Council of the City of NEWTON, Massachusetts, on the _____ day of _____ 2017, and recorded with the records of location orders of said City, Book _____ Page _____. This certified copy is made under the provisions of Chapter 166 General Laws and any additions thereto or amendments thereof.

Attest:

City Clerk

CITY OF NEWTON
MASSACHUSETTS

RECEIVED
Newton City Clerk

PETITION for GRANT OF LOCATION

2017 OCT -5 PM 12:19

To the Petitioner:

David A. Olson, CMC
Newton, MA 02459

City of Newton Ordinance Section 23-52 requires that each petition for grant of location be submitted to the Public Works Department for a preliminary review before the applicant files the petition with the Board of Aldermen. The comments of the Public Works Commissioner will be part of the record submitted to the Board of Aldermen. Upon filing with the Board of Aldermen, the petition will be scheduled for a public hearing before the Public Facilities Committee of the Board of Aldermen. **The petitioner is responsible for insuring that the petition is complete and all required materials are in order for review.** Attached please find the City Engineer's Standard Requirements for Plans and the Department of Public Works Permit Processing brochure.

Grant of Location Process:

1. Applicant submits completed Petition Form and required materials to Public Works Department
2. Public Works Department conducts preliminary review and gives written comments to the applicant
3. Petitioner files Petition Form with Clerk of the Board of Aldermen
4. Board of Aldermen schedules petition for a public hearing before the Public Facilities Committee of the Board of Aldermen
5. Public Facilities Committee recommendations are forwarded to the Board of Aldermen for a final decision

Questions my be directed to:

Lou Taverna, City Engineer, 617-796-1020
Shawna Sullivan, Clerk of the Board of Aldermen, 617-796-1213

I. IDENTIFICATION (Please Type or Print Clearly)

Company Name National Grid

Address 40 Sylvan Rd
Waltham, Ma 021

Phone Number 617-293-0480 Fax Number _____

Contact Person Barbara Kelleher Title Permits Representative

Signature Barbara J. Kelleher Date 10-4-17
Person filing application

If a telecommunications company, indicate how certified by the Department of Telecommunications and Energy:

II. DESCRIPTION OF PROJECT: to be completed by petitioner

II. DESCRIPTION OF PROJECT: to be completed by petitioner

329-17

A. Write here or attach a description of the project including, location, proposed time frame for completion, type of materials to be used, benefit provided to the City, project mitigation plan as applicable, street reconstruction plan including timetable for completion.

Install and Maintain approximately 75 feet more or less of 4 inch gas main in Broken Tree Rd. Newton from the existing 4 inch gas main at #74 Broken Tree Rd northerly to house #82. To provide a gas service to #82 Broken Tree Rd.

B. Attach a sketch to provide a visual description of the project. If plans are attached, provide:

Title of Plan 82 Broken Tree Rd., New Date of Plan 9-28-17

III. PUBLIC WORKS DEPARTMENT REVIEW

Date received by Public Works Department _____

Check One:

Minor Project

Major Projects

Lateral

(Refer to City Engineer Standard Requirements for Plans for definition of minor and major project)

Plans Submitted:

Certified Plot Plan

Stamped Plans

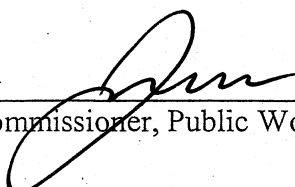
DATE AND COMMENTS:

RECOMMENDATIONS:

*Trench restoration per
Street opening permit
Compaction to 95% Proctor
Test.*

*John Doyle
Associate City Engineer 10/6/17*

IV. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:



Commissioner, Public Works

10/10/17
Date

PETITION OF NATIONAL GRID FOR GAS MAIN LOCATIONS

City of Newton / City Council:

The Nationalgrid hereby respectfully requests your consent to the locations of mains as hereinafter described for the transmission and distribution of gas in and under the following public streets, lanes, highways and places of the **City of Newton** and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and accomplish the objects of said Company; and the digging up and opening the ground to lay or place same:

To install and maintain approximately 75 feet more or less of 4 inch gas main in Broken Tree Rd., Newton from the existing 4 inch gas main at #74 Broken Tree Rd. northerly to house #82. To provide a gas service to #82 Broken Tree Rd.

Date: October 4, 2017

By: Barbara H. Kelleher
Barbara H. Kelleher
Permit Representative

City of Newton / City Council:

IT IS HEREBY ORDERED that the locations of the mains of the Nationalgrid for the transmission and distribution of gas in and under the public streets, lanes, highways and places of the **City of Newton** substantially as described in the petition date October 4, 2017 attached hereto and hereby made a part hereof, and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and/or accomplish the objects of said Company, and the digging up and opening the ground to lay or place same, are hereby consented to and approved.

The said Nationalgrid shall comply with all applicable provisions of law and ordinances of the **City of Newton** applicable to the enjoyment of said locations and rights.

Date this _____ day of _____, 20__.

I hereby certify that the foregoing order was duly adopted by the _____ of the City of _____, MA on the _____ day of _____, 20__.

By: _____

Title

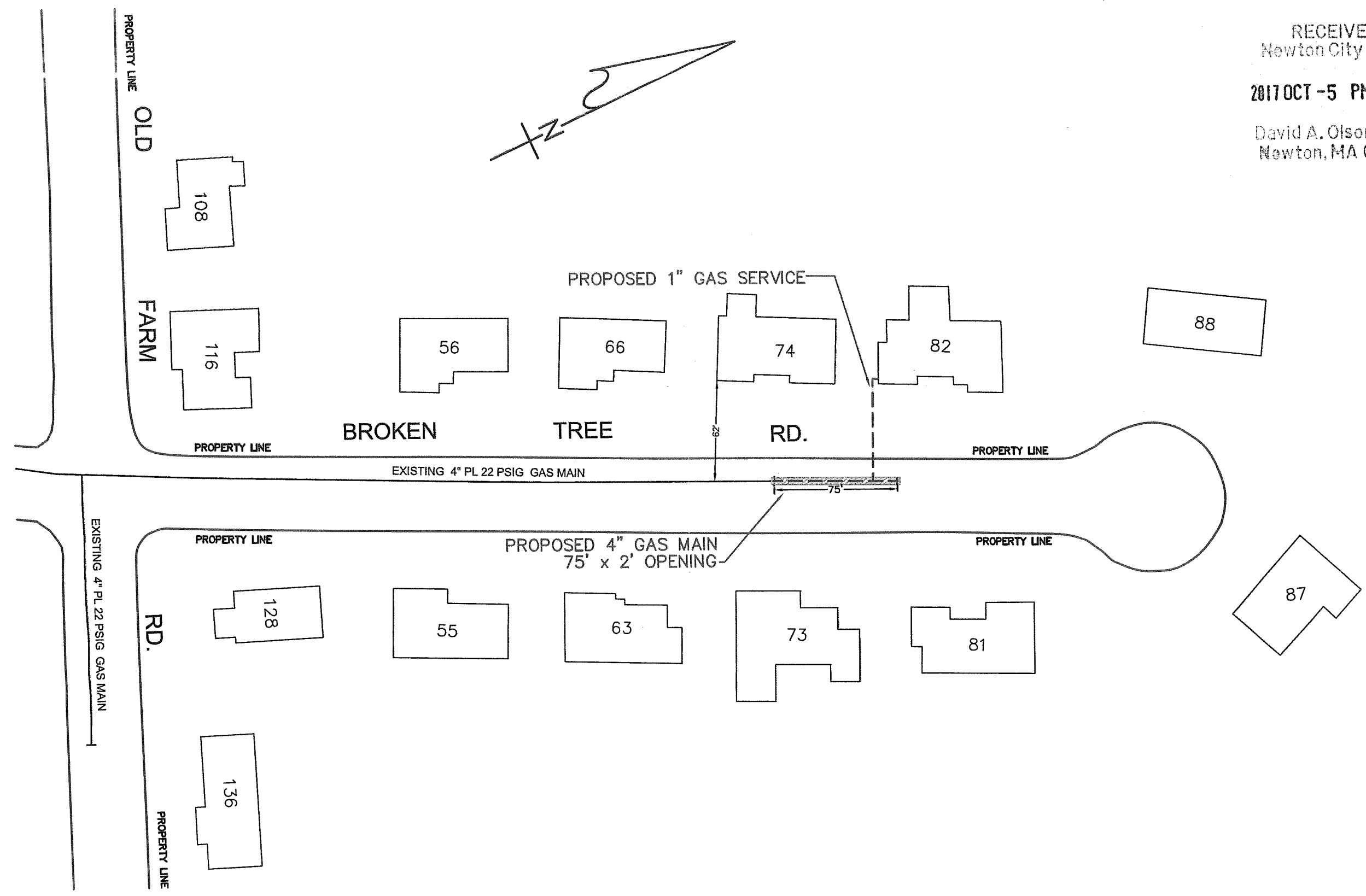
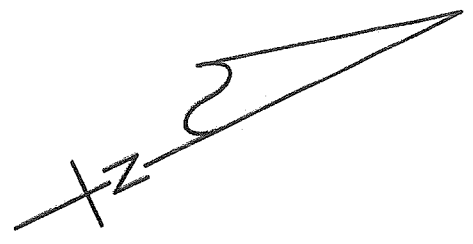
WO #1196383

**RETURN ORIGINAL TO THE PERMIT SECTION
NATIONAL GRID
40 SYLVAN RD, WALTHAM, MA 02451
RETAIN DUPLICATE FOR YOUR RECORDS**

RECEIVED
Newton City Clerk

2017 OCT -5 PM 12:20

David A. Olson, CMC
Newton, MA 02459



LEGEND

- PROPOSED GAS
- EXISTING GAS
- PROPERTY LINE
- EDR
- EDGE OF ROADWAY
- PROPOSED OPENING

NOTE:
THE LOCATION OF SURFACE AND UNDERGROUND OBJECTS SHOWN ARE NOT WARRANTED TO BE CORRECT.

CALL 811 BEFORE YOU DIG

UTILITIES AND STREET LINES COMPILED FROM AVAILABLE DATA SOURCES
NO FIELD VERIFICATION PERFORMED

REVISIONS

NO.	DESCRIPTION	DATE	DR. BY	APP. BY

nationalgrid
40 SYLVAN ROAD
WAI THAM, MA 02451

GRANT OF LOCATION

PROPOSED LOCATION OF 4" GAS MAIN
82 BROKEN TREE RD., NEWTON, MA 02459

ENGR / DRFTMN	DATE	SIZE	PRESSURE	MATERIAL	LENGTH	WORK ORDER NO.
J.P.T./P.A.C.	09-28-2017	4"	22 PSIG	PLASTIC	75±	1196383

SCALE: N.T.S.

SHEET 1 OF 1

DRAWING NO.
GP-NEW
1196383-17-348

Final Label Report

SBL	Owner	Number	Street	Unit
82020 0027	COPELOTTI ANDREW J & MICHAEL	63	BROKEN TREE RD	
82020 0002	SANIEOFF ESHAGH & ARASH	66	BROKEN TREE RD	
82020 0028	ELMAN RICHARD S & BARBARA L	73	BROKEN TREE RD	
82020 0001A	GREENSTEIN VICKI L	74	BROKEN TREE RD	
82020 0029	BUCHENHOLZ DENNIS M & MARILYNN	81	BROKEN TREE RD	
82020 0001	82 BROKEN TREE LLC	82	BROKEN TREE RD	
82020 0016B	STONE-TURESKY GAYLE	87	BROKEN TREE RD	
82020 0016C	FRIEDMAN DAVID	88	BROKEN TREE RD	
82020 0016A	ELFLAND STUART B & LYNNE E	45	OAK HILL ST	

City of Newton

Municipal Aggregation Plan

October 6, 2017 -- Draft

The City of Newton (City) has developed the Newton Power Choice program to bring the benefits of renewable energy and electricity choice to its residents and businesses. A centerpiece of the program will be the integration of additional renewable energy into the power supply. The program will also be designed to give program participants the greatest amount of control over their electricity supply, both in terms of price and renewable energy, by offering at least two different supply options as well as the ability to leave the program and return to Eversource Basic Service at any time with no penalty or fee. The program is part of the City's efforts to move assertively and collectively toward its sustainability goals.

I. Key Features

The key features of the City's municipal aggregation program will include:

Renewable power: The City will maximize the use of power from renewable resources such as wind and solar while protecting those customers who cannot afford or do not wish to participate in the purchase of renewables.

Choice: The City will offer at least two variations in electricity mix to give program participants a choice in the environmental characteristics and price of their electricity supply.

Consumer protection: The City's program will include strong consumer protections, including the ability for any customer to leave the standard product at any time with no penalty or fee. There will be no hidden charges of any kind.

II. Support for Renewable Energy

The integration of renewable energy into the City's power supply is a driving motivation for Newton's program. Newton anticipates achieving that integration in three key ways. In all of these cases, the City envisions achieving the integration through the purchase of Renewable Energy Certificates (RECs) associated with those projects.

1. A Greener Standard Offering

The program will seek to provide a standard, or default, electricity offering that includes a higher renewable energy content, from new, renewable resources within New England, than is included in Eversource Basic Service. The City will consider a variety of renewable energy resources and will choose the option that offers the best combination of renewable content and price. The City's target is to provide a standard product with **XX%** more renewable energy content than Basic Service. The City will establish the final percentage of renewables after it receives price bids.

2. An Even Greener Option

The program will offer at least one option that is even greener than the standard offering. For example, this option may include a higher percentage of renewable content from new, renewable resources within New England. Or it may include a higher percentage of solar. This option would be available at an

additional cost to program participants. By offering this option in addition to the standard offering, the City will give its residents and businesses the freedom to make individual choices about the price and environmental content of their power supply.

3. Incorporating Local Renewable Resources

As is possible and cost effective, the City may also choose to integrate electricity produced by local renewable energy projects, such as projects located within the City or other Massachusetts communities, into the City's power supply.

III. Procedural Requirements

The Municipal Aggregation Statute, G.L. c. 164, § 134, sets out the legal requirements for a municipal aggregation plan. Those requirements include procedural requirements, specified plan elements, and substantive requirements. The procedural requirements are discussed below, and the other requirements in the sections that follow.

1. Local Approval

The Municipal Aggregation Statute provides that a city may initiate the process to aggregate electrical load upon authorization by a majority vote of the city council with approval of the mayor. The City obtained such authorization by vote of its City Council on March 20, 2017. A copy of the City Council vote is attached as Exhibit A.

2. Consultation with the Department of Energy Resources

The aggregation statute also requires the City to consult with the Department of Energy Resources (DOER) in developing its aggregation plan. The City submitted a draft of its Aggregation Plan to DOER and City officials met with DOER to discuss that draft on _____.

3. Citizen Review

The City made the Aggregation Plan available for review by its citizens at a public meeting on _____. The draft Aggregation Plan was posted on the City website on _____ with a three-week comment period for the citizens to submit feedback.

This project will entail a close collaboration among the City, the environmental organizations in Newton, other stakeholders, and the City's aggregation consultant. Green Newton is sponsoring a survey of Newton citizens to assess their willingness to pay for renewable electricity and to inform the City in choosing an optimal level of renewables (the default value). The results of this survey as well as other actions by local stakeholders will be used as an input into the Education Plan.

IV. Elements of the Plan

The Municipal Aggregation Statute requires that the Aggregation Plan contain the following elements:

- Organizational structure
- Operations
- Funding
- Details on rate setting and other costs to participants

- The method of entering and terminating agreements with other entities
- The rights and responsibilities of program participants
- The procedure for termination of the program

Each of those elements is discussed in turn below.

1. Organizational Structure

The organizational structure of the aggregation program will be as follows:

City Council: The City Council authorized the initiation of the aggregation, will be kept closely informed of the development of the aggregation program and will participate in the public hearing process.

Mayor: The Mayor will oversee the aggregation. The Mayor approved the aggregation plan with input from Newton electricity customers, supervises the aggregation consultant, and will sign the supply contract.

Consultants: The City's aggregation consulting team (hereinafter jointly referred to as "Consultant") will manage the aggregation under the Mayor's direction. Their responsibilities will include managing the supply procurement, developing and implementing the public education plan, interacting with the local distribution company, and monitoring the supply contract. The City has selected the team of Peregrine Energy Group and Bay State Consultants to provide these services for an initial term.

Competitive Supplier: The Competitive Supplier will provide power for the aggregation, provide customer support including staffing a toll-free number for customer questions, and fulfill other responsibilities as detailed in the Competitive Electric Service Agreement.

2. Operations

Following approval of the Plan by the Department of Public Utilities (DPU), the key operational steps will be:

- a. Issue a Request for Qualifications (RFQ) and Request for Proposals (RFP) and select winning competitive supplier
 - b. Implement the public information program, including notice of the 30-day opt-out period
 - c. Manage a robust campaign to encourage customers to choose an option that is much greener than the default option.
 - d. Enroll customers and provide service, including required information disclosures
- a. Issue a Request for Qualifications and Request for Proposals and select winning competitive supplier**

After the DPU approves the Aggregation Plan, the next step is to procure the electricity supply.

The City will issue an RFQ to leading competitive suppliers, including those currently supplying aggregations in Massachusetts and other states. The RFQ will require that the supplier satisfy key threshold criteria, including:

- Licensed by the DPU
- Strong financial background
- Experience serving the Massachusetts competitive market or municipal aggregations in other states

- Demonstrated ability, supported by references, to provide strong customer service

In addition, suppliers will be required to agree to the terms and conditions of a Competitive Electric Service Agreement (ESA), substantially in the form of the City's model Competitive Electric Service Agreement. The agreement requires the supplier to:

- Provide all-requirements service
- Allow customers to exit the standard product at any time with no penalty or fee
- Agree to specified customer service standards
- Comply with all requirements of the DPU and the local distribution company

The City will issue an RFP for price bids from suppliers that meet the threshold criteria and agree to the terms and conditions prescribed in the ESA. If none of the bids are satisfactory, the City will reject all bids and repeat the solicitation as often as needed until market conditions yield a price that is acceptable to the City.

The City will solicit bids both for power supply that meets the Massachusetts Renewable Portfolio Standard (RPS) requirements and for a greener supply containing additional renewable energy over and above the RPS requirements. The City will seek bids that include a variety of renewable sources, and will choose the proposal that offers the best combination of environmental benefit and price.

The renewable energy in the power supply will be documented using RECs. The City will require that the RECs either be created and recorded in the New England Power Pool Generation Information System or other regional tracking system or be certified by a third party.

b. Implement public information program, including notice of the pre-launch opt-out period

Once a winning supplier is selected, the City will implement a public education program.

The delivery of a public education plan and associated materials are pivotal to ensuring clarity, participation, and enthusiasm for the aggregation. The City will use a variety of communication vehicles to communicate the plan's objectives, the primary terms and conditions of the contract, the right to opt out of the program, and the availability of the optional product.

The public education plan will include both broad-based efforts and a 30-day opt-out notice to be mailed to every eligible customer on basic service.

i. Broad-based education efforts

The broad-based efforts will take advantage of traditional media, the Web, and social media to ensure as many people as possible learn about the aggregation. Planned elements include:

- An announcement introducing the program and the competitive supplier, which will be sent to media contacts at local newspapers and other outlets identified as valuable by the City.
- Dedicated informational City Web pages that explain the Aggregation Plan, community benefits, the opt-out process, the environmental content of the power supply, and other helpful information. This website will be available during the initial educational outreach and also on an ongoing basis so that customers can find information about the program for its duration.
- A toll-free customer information and support hotline.
- Interviews with the local cable access channel.
- An informational slide broadcast on the local cable access television channel.

- Announcements on the City's social media accounts.
- Informational documents that mirror the aggregation web site content and can be used as handouts during the community presentation. These materials will also be made available through the website as downloadable files and in the City Hall and other public buildings.
- A community-wide presentation, open to all community members.
- A presentation targeted specifically for seniors.

The City will ensure that residents with limited English proficiency have access to program information by translating the opt-out letter into key languages and making it available online and through community channels. The City will additionally endeavor to partner with community resources that specifically work with this population, such as ESOL teaching organizations, community leaders from within language populations, and volunteers, to ensure access to program information and to create any additional translated materials that may be necessary.

A detailed timeline for these efforts will be developed as the launch gets closer.

ii. Notice of the 30-day, pre-launch opt-out period

In addition to the broad-based education initiatives, a 30-day opt-out notice will be mailed to every eligible customer on basic service. The notice will be an official City communication, and it will be sent in an envelope clearly marked as containing time-sensitive information related to the program. The notice will: (1) introduce and describe the program; (2) inform customers of their right to opt out and that they will be automatically enrolled if they do not exercise that right; (3) explain how to opt out; and (4) prominently state all program charges and compare the price and primary terms of the City's competitive supply to the price and terms of utility Basic Service. The opt-out notice is attached to this Plan as Exhibit B. The opt-out envelope is attached as Exhibit C.

The direct mailing will include an opt-out reply card. Customers will have 30 days from the date of the mailing to return the reply card if they wish to opt out of the program by this method. The notice will be designed by the City and printed and mailed by the competitive supplier, who will process the opt-out replies. The opt-out reply card is attached to this Plan as Exhibit D. A postage-paid return envelope will be included for use with the reply card.

c. Manage campaign to encourage consumers to choose an even greener option

In addition to the overall public education program, the City will manage a robust campaign to encourage consumers to choose the even greener option. The campaign will use many of the same vehicles as the public information program, including the program website and the City's social media accounts, and may also use additional vehicles such as signs and banners, door hangers, and videos. This campaign to boost participation in the greener product will be a central element of the City's effort to achieve environmental benefits through the aggregation.

d. Enroll customers and provide service, including information disclosure

After the completion of the 30-day opt-out period, the competitive supplier will enroll into the program all Basic Service customers that did not opt out. All enrollments and other transactions between the competitive supplier and the local distribution company, Eversource, will be conducted in compliance with the relevant provisions of DPU regulations, Eversource's *Terms and Conditions for Competitive*

Suppliers (as amended or superseded from time to time), and the protocols of the Massachusetts Electronic Business Transactions Working Group.

Once customers are enrolled, the electricity supplier will provide all-requirements power supply service. The supplier will also provide ongoing customer service, maintain a program web site, and process new customer enrollments, ongoing opt-outs, opt-back-ins, and customer selections of optional products. Prior to the expiration of the initial power supply agreement, the City intends to enter a new supply agreement on behalf of the Newton Power Choice customers.

As part of its ongoing service, the City will provide the disclosure information required by G.L. c. 164, § 1(F)(vi) and 220 C.M.R. § 11.06. Like the other Massachusetts aggregations, the City requests a waiver from the requirement that the disclosure label be mailed to every customer and seeks permission instead to provide the information through alternative means, including press releases, announcements on cable television, postings at City Hall, and postings on the program website. As the DPU has found with other aggregations, this alternate information disclosure strategy will allow the City to provide the required information to its customers as effectively as through mailings.

d. Annual report to DOER

On an annual basis, the City will report to DOER on the status of the program, including number of customers enrolled and opting out, kilowatt-hour sales, customer savings, and participation in green products (all as provided to the City by the supplier), as well as such other information as DOER may request.

3. Funding

All of the costs of the program will be funded through the supply contract.

The primary cost will be the competitive supplier's charges for the power supply. These charges will include the costs of RECs and will be established through the competitive solicitation for a supplier.

The administrative costs of the program will be funded through a per kilowatt-hour adder that will be included in the supply price and paid by the competitive supplier to the Consultant, as specified in the Competitive Electric Service Agreement. This fee will cover the services of the Consultant, including developing the Aggregation Plan, managing the DPU approval process, managing the supply procurement, developing and implementing the public education plan, managing a robust opt-in campaign, providing customer support, interacting with the local distribution company, monitoring the supply contract, and providing ongoing reports. This charge has been set for the initial term of the Consultant's contract at \$0.001 per kilowatt-hour.

4. Rate Setting and Other Costs to Participants

As described above, the program's electricity supply charges will be set through a competitive bidding process and will include the administrative adder. Prices, terms, and conditions will vary by product and may differ among customer classes. For each customer class, prices will be fixed for periods at least as

long as the basic service price period for the class.¹ When prices change, the City will notify consumers by issuing a media release and posting a notice on the City web site.

The City will endeavor to protect lower-income customers. This may include the offering of a basic product that includes no additional renewables beyond the state requirements. The City may also offer a discounted price for lower income customers.

If there is a change in law that results in a direct, material increase in costs during the term of the ESA (see Article 18 of the ESA), the City and the competitive supplier will negotiate a potential change in the program price. At least 30 days prior to the implementation of any such change, the City will notify consumers of the change in price by issuing a media release and posting a notice in City Hall and on the program website.

The program affects only customers' electricity supply charges. Delivery charges will be unchanged and will continue to be charged by the local distribution company in accordance with tariffs approved by the DPU.

Participants will continue to receive one bill from their local distribution company that includes both the electricity supply charge and their local distribution company's delivery charges.

5. Method of Entering and Terminating Agreements with Other Entities

The City's process for entering, modifying, enforcing, and terminating all agreements associated with the Aggregation Plan will comply with the City's charter, federal and state law and regulations, and the provisions of the relevant agreement.

When the City has decided that it is timely to solicit bids for a new electric service agreement, the procurement steps will be as follows:

- The City's consultants will prepare and issue an RFQ on behalf of the City
- The City will receive and evaluate qualifications
- The City's consultants will issue an RFP for prices
- The City will receive and evaluate bids and, if acceptable, execute a contract with the winning bidder. The Mayor will be responsible for executing the supply contract.

If the prices bid on any given bid date are not satisfactory, the City will wait to see if market conditions improve and then repeat the process.

6. Rights and Responsibilities of Program Participants

All participants will have the right to opt out of the standard product at any time without charge. They may exercise that right by any of the following: 1) calling the competitive supplier's toll-free number; 2) contacting Eversource and asking to be returned to basic service; or 3) enrolling with another competitive supplier.

All participants will have the consumer protection provisions of Massachusetts law and regulations, including the right to question billing and service quality practices. Customers will be able to ask questions

¹ Basic Service pricing periods vary by customer class. For residential and small business customers, the prices change every six months. For medium and large business customers, prices change monthly.

of and register complaints with the City, the Consultant, the Competitive Supplier, Eversource, and the DPU. As appropriate, the City and Consultant will direct customer complaints to the competitive supplier, Eversource, or the DPU.

Participants will be responsible for paying their bills and for providing access to metering and other equipment necessary to carry out utility operations.

7. Extension or Termination of Program

Prior to the end of the term of the initial Competitive Electric Service Agreement, the City will solicit bids for a new supply agreement and plans to continue the program with the same or a new competitive supplier.

Although the City is not contemplating a termination date, the program could be terminated upon the termination or expiration of the Competitive Electric Service Agreement without any extension, renewal, or negotiation of a subsequent supply contract, or upon the decision of the Mayor to dissolve the program effective on the end date of any outstanding supply agreement. In the event of termination, customers would be returned to the local distribution company's basic service via Electronic Data Interchange (EDI) by the competitive supplier in accordance with the rules set forth in the Electronic Business Transactions (EBT) Working Group Report unless the customers choose an alternative competitive supplier.

The City will notify the local distribution company of the planned termination or extension of the program. In particular, the City will provide notice to the local distribution company: (1) 90 days prior to a planned termination of the program; (2) 90 days prior to the end of the anticipated term of the program's ESA; and (3) four business-days after the successful negotiation of a new electricity service agreement.

The City will notify consumers of program termination by issuing a media release and posting a notice on the City web site. In addition, consumers will receive notice of a supplier change on their bill from the local distribution company.

V. Substantive Requirements

The Municipal Aggregation Statute also requires that the aggregation plan satisfy three substantive requirements:

- Universal access
- Reliability
- Equitable treatment of all customer classes

The City's program will satisfy all three requirements, as discussed below.

1. Universal Access

The Aggregation Plan provides for universal access by guaranteeing that all customer classes will be included in the program under equitable terms.

Most importantly, all customers will have access to the program. All eligible Basic Service customers will be automatically enrolled in the program unless they choose to opt out.

As new customers move into the City, they will have an opportunity to join the program. New customers will initially be placed on Basic Service. They will then receive an opt-out notice and will be enrolled in the

aggregation unless they choose to opt out within the 30-day opt-out period. New customers will be offered the same price as the existing customers, with the exception of new Very Large Commercial and Industrial Customers (“VLC&I Customers”). New VLC&I Customers are defined as any customer that is on the utility’s largest rate class and has historical or projected consumption in excess of 1,000,000 kWh per year. These customers, if any, will be offered a price that reflects market prices at the time of enrollment.

All customers will have the right to opt out of the program at any time. Customers that opt out will have the right to return to the program at a price that reflects market prices at the time of their return.

2. Reliability

Reliability has both physical and financial components. The program will address both through the ESA with the competitive supplier. From a physical perspective, the ESA commits the competitive supplier to provide all-requirements power supply and to use proper standards of management and operations (ESA, Article 2.) The local distribution company will remain responsible for delivery service, including the physical delivery of power to the consumer, maintenance of the delivery system, and restoration of power in the event of an outage. From a financial perspective, the ESA requires the supplier to pay actual damages for any failure to provide supply at the contracted rate (i.e., to pay the difference between the contract rate and the utility supply rate). The ESA also requires the competitive supplier to maintain insurance (ESA, Article 16). Accordingly, the program satisfies the reliability requirement of the statute.

3. Equitable Treatment of all Customer Classes

The Aggregation Statute requires “equitable” treatment of all customer classes. The DPU has determined that this does not mean that all customers must be treated “equally,” but rather that similarly-situated classes be treated “equitably.” In particular, the DPU has allowed variations in pricing and terms and conditions among customer classes to account for the disparate characteristics of those classes.

The program makes four distinctions among groupings of customers. First, the program will distinguish among customer classes (residential, small business, large business) by soliciting separate pricing for each of those classes. The program will use the customer classes that the local distribution company uses for its Basic Service pricing and may also offer a discounted price for lower-income customers.

Second, the program will distinguish among customers receiving the standard product and customers that affirmatively choose an optional product, such as a greener product. Customers selecting the optional product will be charged the price and terms of service associated with that product.

Third, as described above under “Universal Access,” among New Customers, the program may distinguish between a) New VLC&I Customers, and b) all other New Customers. The program will offer New Customers other than New VLC&I Customers the standard contract pricing. However, the program will offer new VLC&I Customers pricing based on market prices at the time the customer seeks to join the aggregation.

Finally, consistent with DPU rulings, among customers that are served by a competitive supplier at the time of program launch and later seek to join the aggregation, the program will distinguish between a) residential and small commercial and industrial (C&I) customers, and b) medium, large, and very large C&I customers. Residential and small C&I customers will be offered standard contract pricing. Medium, large, and very large C&I customers will be offered market based rates which will reflect market conditions at the time the customer seeks to join the aggregation.

VI. PLANNED SCHEDULE

Milestone	Day Estimate
RFQ for competitive supplier issued	Day 1
RFP for final supply prices issued	Day 35
Electricity Supply Agreement executed	Day 49
Broad-based educational campaign begins, including the announcement of supply contract and pricing and the launch of program web site, and including an opt-in campaign for greener power.	Day 50
Opt-out notice mailed to customers	Day 56
Opt-out deadline	Day 86
Service begins as of each customer's next meter read date	Day 90

The planned schedule is presented for illustrative purposes. The final schedule will be established when the City receives DPU approval.²

VII. CONCLUSION

The Newton Power Choice program meets all of the requirements of the municipal aggregation statute, including providing universal access and a reliable power supply and treating all customer classes equitably. The City looks forward to the approval of this plan by the DPU so that the City can launch the program and bring the benefits of rate stability, renewable energy, and increased electricity choice to its residents and businesses.

² The planned schedule is designed to give the competitive supplier sufficient time to satisfy EDI testing requirements. However, the schedule will be adjusted if additional time is needed to meet those requirements.

EXHIBIT A

City Council Resolution Authorizing Aggregation

#42-17

CITY OF NEWTON
IN IN CITY COUNCIL
March 20, 2017


ORDERED:

That the City Council hereby authorizes His Honor the Mayor to direct appropriate departments to research, develop and participate in a contract, or contracts, to aggregate the electricity load of the residents and businesses in the City and or other related services, independently, or in joint action with other municipalities, and authorize the Mayor to execute all documents necessary to accomplish the same.

Further be it resolved

That the City Council recommends His Honor the Mayor form a working group that includes the Chairs of the Programs & Services and Public Facilities Committees, or their respective designees, to provide input into the development of a plan to aggregate the electricity load.

Under Suspension of Rules
Readings Waived and Approved
24 yeas 0 nays


(SGD) DAVID A. OLSON
City Clerk


(SGD) SETTLE D. WARREN
Mayor

Date: _____

EXHIBIT B



CITY OF NEWTON

CITY ELECTRICITY AGGREGATION PROGRAM
NOTIFICATION LETTER

[LANGUAGE]: www.newtonpowerchoice.com/letter_XXXXX.pdf
[LANGUAGE]: www.newtonpowerchoice.com/letter_XXXXX.pdf
[LANGUAGE]: www.newtonpowerchoice.com/letter_XXXXX.pdf
[LANGUAGE]: www.newtonpowerchoice.com/letter_XXXXX.pdf

<MONTH> <DAY>, 2018

Dear Newton Electricity Service Customer,

I am writing with information about the supply charges on your Eversource electric bill.

Currently, you are an Eversource Basic Service customer. This means Eversource delivers your electricity, and Eversource is also your electricity supplier (they buy electricity for you).

In <MONTH> 2018, you will be **automatically enrolled** in the new City electricity aggregation program, **Newton Power Choice**. With this program, Eversource will continue delivering your electricity, but the City will select its own electricity supplier. For the program launch, Newton has signed a XX-month contract with <SUPPLIER> to increase the amount of renewable energy in your electricity for a price that is *lower* than Eversource Basic Service at program launch (savings cannot be guaranteed over time).

If you received this letter, you will be AUTOMATICALLY enrolled in Newton Power Choice, unless you choose not to participate.

- **If you participate:** Eversource will deliver your electricity, fix power outages, and bill you, but <SUPPLIER> will be your electricity supplier. You will see <SUPPLIER> and the program price on the supply portion of your Eversource bill. Delivery charges will be unaffected.
- **If you do not participate:** Eversource will continue to be your electricity supplier, and the supply portion of your electric bill will remain on the Eversource Basic Service rate.

Program Benefits

Local, renewable electricity - Your electricity will now include more renewable energy than the minimum required by the state, and the extra will come from projects in New England.

Choice - The program gives you two options: 1) Power Choice Standard, which includes X% from renewable energy projects in New England, in addition to the minimum required by the state, and 2) Power Choice Green, which provides 100% renewable energy, all from renewable energy projects located in New England. You will be automatically enrolled in Power Choice Standard, but you may choose Power Choice Green. (*Details on back.*)

Predictability - While Eversource prices change every 6 months (for residential and small business accounts) or 3 months (for medium and large business accounts), your electricity supply price will not change before your <MONTH> 20XX meter read, and there are no hidden costs.

Your Relationship with Eversource

Your primary relationship for electricity will remain with Eversource.

- Your bill will continue to come from Eversource
- You will continue to send bill payments to Eversource
- You will continue to call Eversource if your power goes out

If you are eligible for a low-income delivery rate or fuel assistance, you will continue to receive those benefits.

**Newton
Power Choice**

Your New Electricity Supply Price

XX.XXX ¢/kWh

This price will apply to your electricity use beginning with your <MONTH> 2018 meter read. It will first appear on your <MONTH> 2018 Eversource electric bill. It will end with your <MONTH> 20XX meter read. Compare to Eversource rates on the back. ▶

Customer Support

1-8XX-XXX-XXXX

service@newtonpowerchoice.com
www.newtonpowerchoice.com

Don't Want to Participate?

You don't have to. There is no penalty or fee to opt out of the program, and you may opt out at any time.

If you choose not to participate, you will remain an Eversource Basic Service customer.

To opt out before the program begins, do one of the following before <MONTH> <DAY>, 2018:

- ▶ Sign & return the enclosed reply card, call <SUPPLIER> at 1-8XX-XXX-XXXX, or opt out online at newtonpowerchoice.com.

To opt out in the future, do one of the following at any time:

- ▶ Call <SUPPLIER> at 1-8XX-XXX-XXXX or opt out online at newtonpowerchoice.com.

Program Options & Pricing

1. If you do nothing, you will be automatically enrolled in POWER CHOICE STANDARD:		XX.XXX* ¢/kWh for residential, small business, and medium & large business accounts
Renewable energy content	X% from renewable energy projects in New England, in addition to the minimum required by the state.	
Rate term	<MONTH> 2018 meter read - <MONTH> 20XX meter read.	
Exit terms	Leave any time. No exit charge.	

2. If you want 100% renewable energy, you may choose POWER CHOICE GREEN:		XX.XXX* ¢/kWh for residential, small business, and medium & large business accounts
*** To choose POWER CHOICE GREEN, call <SUPPLIER> at 1-8XX-XXX-XXXX ***		
Renewable energy content	100% renewable energy, all from renewable energy projects in New England.	
Rate term	<MONTH> 2018 meter read - <MONTH> 20XX meter read.	
Exit terms	Leave any time. No exit charge.	

3. If you choose to opt out, you will remain on EVERSOURCE BASIC SERVICE:		XX.XXX ¢/kWh residential XX.XXX ¢/kWh small business XX.XXX ¢/kWh medium & large business
Renewable energy content	Meets Massachusetts minimum renewable energy requirements.	
Rate term	<MONTH> <DAY>, 20XX - <MONTH> <DAY>, 20XX for residential and small business accounts. <MONTH> <DAY>, 20XX - <MONTH> <DAY>, 20XX for medium & large business accounts. Eversource's fixed Basic Service rates change every 6 months for residential and small business accounts and every 3 months for medium and large business accounts.	
Exit terms	Leave any time. No exit charge.	

* The Power Choice Standard price and the Power Choice Green price both include a \$0.001/kWh administration fee.

Frequently Asked Questions

Are savings guaranteed? No. The program price is guaranteed to be below Eversource only until the end of the current Eversource rate term. The Eversource rate will next change on <MONTH> <DAY>, 20XX, for residential and small business accounts and on <MONTH> <DAY>, 20XX, for medium and large business accounts.

I have signed my own contract with an electricity supplier. Will I be automatically enrolled? If you have already established a contract with a different electricity supplier, you should not be automatically enrolled. However, if you received this letter but you have an existing electricity supply contract, you should opt out of the program.

I have solar panels on my property. If I join, will I continue to receive net metering credits? Yes. Net metering will work the same way if you participate in the program. Your net metering credits from your solar panels will continue to appear on your Eversource bill and will continue to be calculated based on Eversource's Basic Service price, not on the program price.

If you have any additional questions, please do not hesitate to contact customer support at service@newtonpowerchoice.com or 1-8XX-XXX-XXXX. Our City consultants will be happy to help you.

[NAME]
Mayor

EXHIBIT C



CITY OF NEWTON

C/O [SUPPLIER NAME]

[SUPPLIER ADDRESS]

[CITY], [STATE] [ZIP]

Presorted
Standard
U.S. Postage
PAID
XXXX
XXXX

**Time-sensitive notice sent on behalf of the City
regarding your electricity rates.**

EXHIBIT D

OPT-OUT REPLY CARD

NEWTON POWER CHOICE

OPT-OUT INSTRUCTIONS

You do not need to take any action to participate in Newton Power Choice.

If you **do not** wish to participate:

1. Sign and date this card
2. Place the card in the enclosed envelope and drop the envelope in the mail.

X _____
Signature Date

This card must be signed by the Customer of Record whose name appears on this card. You must return the card by <MONTH> <DAY>, 2018, to opt out before being enrolled. You may also opt out anytime after enrollment.

Newton Power Choice Implementation Plan

The attached timeline lays out a proposed implementation schedule for the Newton Power Choice program. This schedule is intended as a starting point for conversation, and it is dependent both on the pace of regulatory approval and on decisions that are made along the way around program implementation.

The implementation process comprises 8 core efforts. Those efforts are listed below with a description and key deliverables. The attached timeline offers a sense for how those efforts might fit together in the overall implementation process and when each might occur.

1. Pre-launch public education

Pre-launch public education would occur during the period of time prior to signing an electricity supply contract, when Newton is planning out the program and undergoing state regulatory approval. At this point, Newton would not yet have details about the program to share. The aim of this pre-launch education would be to educate the public on key topics that would increase their ability to understand and be receptive to the Newton Power Choice program when it finally launches. Examples of those key topics could include:

- What aggregation is and how it works
- Delivery vs supply charges on your electric bill
- What electricity suppliers are trying to sell and what to look for in their offers
- What renewable energy is and why it's important
- How renewable energy is bought/what RECs are

To preserve budget for when program details are known, the strategy would be to share brief snippets of information electronically on the web, through social media, through email on a periodic basis at a steady pace throughout the planning and regulatory review period.

Local events can be integrated into this effort. For example, brochures can be handed out at events that are open to the City, such as farmers' markets, special City-wide meetings, movie nights. Additionally, we can piggy-back on top of regularly scheduled meetings held by key stakeholder groups and offer to present on what aggregation is and how it works, on renewable energy, on how to evaluate supplier mailings, etc.

Deliverables

Pre-launch public education deliverables could include some/all of the following, as determined by/with Newton:

- A strategy document, developed in collaboration with Newton
- Preliminary web content
- A printed FAQ brochure
- Facebook posts, including boosted posts if desired
- Short explanatory videos
- Email content to be integrated into existing email lists
- Newsletter content to be integrated into existing newsletters
- Other as determined in collaboration with Newton

2. Guidance document creation

Because we have recommended that the aggregation plan itself be broad and general to maximize the City's flexibility, we propose a separate Guidance Document to provide specifics on the key policy issues that will shape the program. Because this document will be created outside the state regulatory process, it can be created on the City's schedule and modified as the program and the City's objectives evolve.

The issues to be addressed in the Guidance Document could include:

- Whether the standard product should include additional renewables beyond the Renewable Portfolio Standard (RPS) requirement, and if so how much
- Whether to offer a "basic" product with no renewables beyond the RPS
- The types of additional renewables to consider, e.g., only Massachusetts Class I renewables or also renewables from outside of New England
- A description of the opt-in campaign for greener power, and the goals for the campaign
- How best to protect lower-income consumers

We anticipate seeking input on these issues through discussions with stakeholder groups.

Deliverables

- Background/discussion document for the stakeholder input sessions
- Guidance Document

3. Regulatory review of aggregation plan

The aggregation plan and electricity supply agreement must be reviewed by the Department of Energy Resources and reviewed and approved by the Department of Public Utilities (DPU). Prior to filing the plan with the DPU, the City must hold a public hearing on the plan and the plan must

be approved by the Mayor. The City Council has authorized the initiation of the aggregation, will be kept closely informed of the development of the aggregation program and participate in the public hearing process.

A draft of the aggregation plan accompanies this document. The electricity supply agreement is discussed in the section that follows.

The municipal aggregation plan has three purposes:

1. **To demonstrate that the City's program will satisfy the statutory and regulatory requirements for an aggregation.** For this reason, the plan includes some technical language that tracks those requirements. This language is necessary for DPU approval.
2. **To define what the program may do.** Assuming that the DPU approves the plan, Newton will be authorized to do everything stated in the plan, but no more. For this reason, we have built flexibility into the draft plan, in many cases using general language and stating that the City "may" do this or that.
3. **To describe the program to the citizens of Newton.** The City must make the plan available for citizen review and comment. However, because of the first two purposes discussed above, the plan is not a perfect document for describing the program to citizens. For this reason, we'll prepare a summary of the program that can be made available to the citizens along with the plan itself.

In reviewing the draft plan, the City may wish to give particular attention to the following:

Introductory paragraph and sections I and II (Draft Plan, pp. 1-2).

This is where the City states the objectives and the key features of the program. Unlike most of the rest of the document, the DPU does not have any specific requirements for these sections. We have suggested some language along the lines of what other communities have used, but Newton has broad flexibility to modify that language. The audience for these sections is more the Newton stakeholders than the DPU.

Protection for Low Income Customers

The City has an interest in protecting lower-income customers as part of the aggregation. In the draft plan, we included following language drawn from the project scope: "The City will maximize the use of power from renewable resources such as wind and solar *while protecting those customers who cannot afford or do not wish to participate in the purchase of renewables*" (Draft Plan, p.1)

If Newton wishes to include this concept in the plan, we should discuss further exactly how the City might provide these protections. The DPU is likely to ask. And, some things that the City might want to do to help lower-income customers might require additional language elsewhere in the plan. (Potential language at Draft Plan, p. 7, 9.)

Options for helping lower income customers include:

- Having additional renewables in the default product, but offering a “basic” option with no additional renewables. With this approach, the city program would have 3 options: Standard (with, e.g., 5% extra renewables); Basic Option (0 extra renewables); 100% Green Option.
- Having no additional renewables in the standard product. With this approach, the City program would have 2 options: Standard (0 extra renewables); 100% Green Option.
- Offering a discount for qualifying lower-income customers. No other aggregation has done this. If the City would like the option to provide such a discount we would need to discuss it in the plan.

Market prices for some new customers – reducing risk for suppliers

The draft plan provides that three categories of customers would be offered a price based on market prices at the time they join the program rather than the standard program price. These customers are:

- Very large C&I customers (over 1 million kWh/year) that move into the City after the program launches (Draft Plan, p. 8)
- Customers that opt out of the program and then opt back in (Draft Plan, p. 8)
- Medium and large C&I customers that are on competitive supply when the program launches and then wish to join the aggregation (Draft Plan, p. 9)

These provisions are designed to reduce the risk to suppliers from unexpected large loads or from customers leaving the aggregation when aggregation prices are above market and joining when the aggregation prices are below market. Reducing these risks for suppliers enables them to bid lower prices, which benefits all participating customers.

A fee for the City

Municipal aggregations can charge an “operational adder” which would be paid to the City and could be used for purposes such as:

- Personnel costs associated with an Energy Manager position, one of the responsibilities of which is to assist with the aggregation program (several communities are doing this, including Lowell)
- REC purchases, should the City wish to purchase RECs for the program directly rather than having the competitive supplier purchase them (the Cape Light Compact does this)
- Support for local energy projects that create benefits for program participants (Nantucket is doing this, running a solar program).
- Enhanced program marketing. With an adder, the City could significantly increase the marketing budget.

The operational adder is in addition to the adder used to pay the consultant.

If the City wishes to charge an operational adder, we would need to include authorizing language in the plan.

Broad-based education efforts

The plan lists some of the actions that the City will take to inform its citizens about the program. (draft Plan, p. 4.) The list does not need to include all of the actions that the City will take, but should not include anything that the City will not do or might not do. The City should review the list to ensure that everything listed is feasible. For example, the list includes “announcements on the City’s social media accounts.” We should delete that if the City does not have social media accounts. Typically, we advise communities to be conservative with this list so that they have the freedom to add and subtract other efforts later, as the program evolves.

Deliverables

The deliverables during the state regulatory review process include:

- Aggregation plan
- Responses to the information requests that will be issued by the DPU

4. Electricity supply contract review

The electricity supply agreement establishes the obligations of the electricity supplier. It will be signed by the supplier and the City.

We will prepare a draft agreement for review by the City’s Law Department.

Deliverables

- Electricity supply agreement

5. Electricity supply procurement

After the DPU approves the aggregation plan, we will conduct a procurement for an electricity supplier. The procurement will include the following stages:

- Request for qualifications, including financial, aggregation experience, and references
- Contract review. The suppliers will be asked to accept, or note any exceptions to, the City’s model electricity supply contract.
- Indicative prices. These non-binding prices will enable the City to see pricing for various terms and including various levels and types of renewables.
- Final price bids.

Deliverables

The deliverables will include:

- Memo analyzing the qualifications submissions
- Memo analyzing the proposed contract exceptions
- Memo analyzing the bids

6. Launch-period public education

The launch-period public education formally begins once the electricity supply contract is signed. At that point, Newton will know the program details: price, renewable energy content, options, contract duration, supplier name. This education occurs between when the contract is signed and what is known as the opt-out date¹, and education is required in this period by the DPU.

The DPU's focus of this education is broad community awareness of the program and program price(s), of the automatic enrollment component, and of the right to and mechanisms for opting out. Newton will have an expanded focus that will also include promoting any green option and ensuring extra attention is paid to lower-income residents.

This is the point at which we would want to initiate a community-wide, highly visible outreach effort. A key element of this education period is the mailing of the opt-out/notification letter to all potential program participants. Other required efforts include a web site and public information sessions. Additional efforts can also include social media, email, web content, cable access interviews, signs and banners, newsletters, brochures, lawn signs, door hangers, bill inserts, additional public information sessions, meetings with key stakeholder groups, participation in City events, and whatever else makes sense as decided by/in collaboration with Newton.

While we will not know exactly when this period will be until we get the DPU order, planning can begin for these efforts while waiting for regulatory approval. Specifically, we can develop a strategy, messages, and even materials, leaving blanks where needed so that we can print/create these items as quickly as possible once the supply contract is signed.

Deliverables

The launch-period public education deliverables could include some/all of the following, as determined by/with Newton:

- A strategy document, developed in collaboration with Newton
- Opt out/notification letter mailing - *required*

¹ The opt-out date is the date by which potential participants must opt out if they don't wish to be in the program at all. This date is typically 30 days after the opt-out /notification letter is mailed and about two weeks before program enrollments begin. Participants retain the right to opt out any time after being enrolled.

- Updated website content - *required*
- General community information sessions - *required*
- Updated brochure
- Cable access interview
- Senior-focused community information sessions
- Signs and banners
- Social media posts
- Social media ads
- Email content
- Newsletter content
- Short videos
- FB live information sessions
- Door hangers
- Bill inserts
- Lawn signs
- Other as determined in collaboration with Newton

7. Program enrollment

After the opt-out period ends, the supplier will enroll customers into the program. The primary activity during this stage will be between the supplier and Eversource.

8. Post-launch public education

Launch is typically when public education stops for aggregations. But given Newton's goal of encouraging enrollment in a green option, the launch education must necessarily be seen as the starting point.

Consider these factors:

- The green option will be more expensive
- Many members of the public do not yet understand the value of renewable energy
- Many members of the public will miss the initial launch outreach and will not realize they are in the program
- Some members of the public will need to get used to the concept of the program before agreeing to participate in it at a deeper level
- Conversion does not always happen right away. Remember the old marketing "Rule of Seven"- a customer needs to see an ad 7 times to remember it/take action.

Add to these the reality that other electricity suppliers will be marketing constantly to Newton residents, and new residents will be moving in to Newton all the time, and you have a strong case for post-launch public education, also known as ongoing marketing.

Ideally, materials designed for the launch public education effort can be reused over time for post-launch education. However, Newton will want to preserve some of its initial marketing budget for this post-launch education effort. The effort can take the shape of recurring campaigns in the City to remind people that a) the program exists and b) the green option is available. This effort can include electronic outreach, signs, a regular presence at community events with brochures, periodic door hanger efforts, revisiting yard signs, regular check-ins with stakeholder groups, and whatever else works for Newton.

Deliverables

New post-launch public education deliverables, which would be used in addition to existing materials, could include some/all of the following, as determined by/with Newton:

- A strategy document, developed in collaboration with Newton
- FB posts/boosted posts
- FB ads
- Bill inserts
- New short videos
- Door hangers
- Updated brochure/flyers
- Other as determined in collaboration with Newton

- This project will entail a close collaboration among Peregrine, the City, the environmental organizations in Newton, and other stakeholders. Green Newton is sponsoring a survey of Newton citizens to assess their willingness to pay for renewable electricity and to inform the City in choosing an optimal level of renewables (the default value). The results of this survey as well as other actions by local stakeholders will be used as an input into the Education Plan.



SETTI D. WARREN
MAYOR

City of Newton, Massachusetts
Office of the Mayor

#320-17

Telephone
(617) 796-1100

Telefax
(617) 796-1113

TDD
(617) 796-1089

E-mail
swarren@newtonma.gov

October 12, 2017

Honorable City Council
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459

Ladies and Gentlemen:

In response to Docket Item #320-17, I write to request that your Honorable Council transfer the sum of \$97,000 from Acct # 0110498-5790 Current Year Reserve to fund the construction of fencing and vegetation to act as a "screen" around areas of the Rumford Avenue Solar Site.

Thank you for your consideration of this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Setti D. Warren".

Setti D. Warren
Mayor

Fence Quotes from Ameresco, 6-9-2017

Quotes do not include ivy, irrigation or maintenance.

As promised here is the breakdown for the 3 fence options:

Opt #1 – 2.5' black vinyl fence extension

1. Fence material and labor	\$10,626
2. Ballast Block material	\$11,954
3. Placement of Block	\$ 6,450
4. AMEC Engr. & Supervision	\$10,000
5. <u>Ameresco Mngt.</u>	<u>\$ 5,355</u>
Total	\$44,885

Opt #2 – 7' Agricultural fence

1. Fence material and labor	\$17,550
2. Ballast Block material	\$46,010
3. Placement of Block	\$13,375
4. AMEC Engr. & Supervision	\$10,000
5. <u>Ameresco Mngt.</u>	<u>\$13,041</u>
Total	\$99,976

Opt #3 – 9.5' Agricultural fence

1. Fence material and labor	\$21,000
2. Ballast Block material	\$71,690
3. Placement of Block	\$13,375
4. AMEC Engr. & Supervision	\$10,000
5. <u>Ameresco Mngt.</u>	<u>\$17,410</u>
Total	\$133,475



City of Newton Attn: Bill Ferguson

May 8, 2017
Rumford Avenue Fence at Solar Panel Site

wferguson@newtonma.gov

We Propose hereby to furnish material and labor-complete in accordance with specifications below, for the sum of:
Twenty-Eight Thousand Seven Hundred and Fifty Dollars **\$28,750.00**

Per billing

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications below involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized
Signature

Note: This proposal may be
Withdrawn by us if not accepted within _____ days.

We hereby submit specifications and estimates for:

Provide and install 800 Baltic Ivy 1 Gal. pots with 12in. stake along fence 800 ft. long spacing 12in on center. Price includes removal of any grass.

Install loam/compost mixture to amend soil to create a health growing environment. Install bark mulch to entire area. Recommend planting bed to be 30in-36in. wide to protect Ivy.

Total **\$28,750.00**

Acceptance of Proposal – The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.
Date of Acceptance: _____

Signature _____
Signature _____



City of Newton Attn: Bill Ferguson

May 9, 2017
Irrigation Installation at Rumford Avenue

wferguson@newtonma.gov

We Propose hereby to furnish material and labor-complete in accordance with specifications below, for the sum of:
Two Thousand Four Hundred Thirty-Seven Dollars and 25 Cents **\$2,437.25**

Per billing

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications below involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized
Signature

Note: This proposal may be
Withdrawn by us if not accepted within _____ days.

We hereby submit specifications and estimates for:

Installation of drip irrigation to new plantings along fence consisting of:

- (1) zone battery Hunter Node.
- (1) Hunter mini-click sensor.
- (1) Hunter 1" zone valve.
- 2400' Tech line drip pipe

Sub Total	\$2,340.94
Mass Sales Tax	\$96.31
Total	\$2,437.25

*Plumbing and electrical not included.

Acceptance of Proposal – The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.
Date of Acceptance: _____

Signature _____
Signature _____









Fence	\$ 44,885.00
Ivy	\$ 28,750.00
Irrigation	\$ 2,437.25
Trees	\$ 20,928.00
Total	\$ 97,000.00

Resolution to become 100% Renewable

WHEREAS: The Commonwealth of Massachusetts is heavily reliant on energy that comes from fossil fuels that pollute our air, water and alter our climate; and

WHEREAS: Massachusetts communities are already feeling the impacts of climate change in rising temperatures, increased risk of flooding, and more intense and frequent storms; and

WHEREAS: The City of Newton has been working to reduce its carbon emissions and to promote clean energy, including participating in the Massachusetts Department of Energy Resources Green Communities Program, supporting private and public solar installations, promoting electric vehicles, promoting the use of renewable energy and converting to LED streetlights, among other efforts; and

WHEREAS: Clean energy production brings many benefits to Massachusetts, including reducing pollution, creating tens of thousands of clean energy jobs, and retaining more of our energy dollars in the local economy; and

WHEREAS: Newton has been a leader in the fight against global warming, and has a responsibility to continue to set a positive example for other towns and cities to follow; and

WHEREAS: Massachusetts can source 100% of its energy from clean, renewable sources by harnessing the region's abundant solar and wind resources, and taking advantage of innovations in energy efficiency, green transportation, energy storage, and other technologies; and

WHEREAS: The transition to 100% renewable energy will promote employment opportunities and economic growth in our communities, facilitate local control and ownership over energy options and bring tangible benefits to low-income residents and others who have historically been disadvantaged by our energy system; and

WHEREAS: Distributed, local generation of renewable energy enhances community resilience against disruptions to vulnerable centralized energy systems caused by climate and national security threats; now therefore be it

RESOLVED: That the City Council urges the Newton Legislative Delegation in the State Legislature to do everything in its power to bring Massachusetts closer to 100% renewable energy by 2050 and to ensure that the benefits of renewable energy are realized by Massachusetts residents from all walks of life; and be it further

RESOLVED: That the City Council supports a goal of using 100% clean and renewable energy for municipal energy use city-wide in Newton, reaching 100% renewable electricity by 2020, 100% renewable transportation by 2030, and 100% renewable heating by 2037; and be it further

RESOLVED: That the City Council supports the promotion of clean and renewable energy use by private citizens city-wide in Newton, with a goal of 100% renewable electricity use by 2025; 50% renewable transportation by 2030; 25% renewable heating by 2025; and 100% renewable energy use by 2050; and be it further

RESOLVED: That the means to achieve the above goals include but are not limited to municipal solar projects, energy efficiency upgrades, community choice aggregation, municipal fleet replacement, installing public electric vehicle charging stations, adopting a Net Zero Action Plan, constructing fully electric Net Zero schools and other municipal buildings, improving biking and walking infrastructure, providing incentives for private renewable energy use, promoting and participating in community solar projects, developing a "Solar Ready" Ordinance, and prioritizing public transportation; including setting specific, measurable, attainable, realistic and timely (SMART) goals for all of the above; and be it further

RESOLVED: That in setting these SMART goals the voices and interests of low income, disadvantaged and/or vulnerable members of the Newton community are considered to ensure that the benefits of a transition to a renewable energy economy are shared by all and any costs or negative impacts do not fall disproportionately on any individuals or segment of the community, i.e. that the principles of climate justice are central to Newton's energy strategies; and be it further

ORDERED: That the Mayor, or his or her designee, shall create a plan with interim targets to demonstrate progress toward the above goals, and provide a report to the Council on an annual basis on progress toward achieving these goals, and

ORDERED: That the Chair of the Newton City Council send this Resolution to elected officials, including Governor Charlie Baker, State Treasurer Deborah B. Goldberg, State Senator Michael J. Barrett, and State Representative William Smitty Pignatelli, Senator Stanley C. Rosenberg, Senate President; Representative Robert A. DeLeo, Speaker of the House; and all Newton legislators: Senator Cynthia S. Creem, Representatives Ruth B. Balsler, Kay Khan, John J. Lawn, Jr.; and Senators Elizabeth Warren and Edward Markey, and Representative Joseph P. Kennedy, and to take any other action relative thereto.

MUNICIPAL For Public Facilities Committee, October 18, 2017

	<u>GOAL</u>	<u>TIME LINE</u>	<u>Cost estimate</u>	<u>Note</u>
Electric	37% from municipal solar projects based on FY 2017 kWh use which is 20,700,000 kWh (phases 1, 2, 3)	2020	No cost if done through PPAs.	We currently have 24% (4,900,000 kWh) coming from solar PPA projects. An RFQ for Phase 3 is ready to go. It will take 30 months to have projects on line. New projects could This goal counts PPA production towards our renewable energy share.
	100% by purchasing 10,400 RECs.		\$ 312,000.00	The balance (13,000,000 kWh) would come from the RPS and purchase of RECs. The RPS will be at 15% in 2020. The city is already purchasing RECs to be 5% above RPS. This accounts for 2,600,000 kWh. 10,400 new RECs would have to be purchased by the City to reach 100% renewable based on the 2017 electricity use.
	TOTAL Estimated Cost- Electric PHASE		\$ 312,000.00	Assuming rate case result and SMART policy.

	<u>GOAL</u>	<u>TIME LINE</u>	<u>Cost estimate</u>	<u>Note</u>
Heat	Convert 75 buildings to electric source heat (air source heat pumps and/or geothermal.		No cost estimate.	RECs would have to be purchased to offset increased electricity use for heating. It will be very expensive and difficult to retrofit most existing buildings.

	<u>GOAL</u>	<u>TIME LINE</u>	<u>Cost estimate</u>	<u>Note</u>
Transportatio	There are 286 vehicles in the city fleet. This plan would convert the fleet to EV. Fuel cell technolgy may also be an option at some point.	Could be done through normal vehicle replacment schedule by		REC purchase would be needed to offset increased electric use. Many needed models are not yet available.
Phase 1	Replace the 87 compact class passenger vehicles with Electric Vehicles.		\$ 2,610,000.00	Assumes purchase in near term, therefore limiting benefits of usual staged replacement.
	Install 9 quick charge and 9 level 2 charging stations.		\$ 450,000.00	
Phase 2	Replace 81 SUVs, vans and pick up trucks.		\$ 2,835,000.00	Models not yet available. Same comment.
	Add 8 quick charge and 8 level 2 charging stations.		\$ 400,000.00	
Phase 3	Replace 33 full size vehicles (police cruisers) with EVs.		\$ 1,155,000.00	Models not yet available. Same comment.
	Add 33 quick charge charging stations.		\$ 1,555,000.00	
	TOTAL Estimated Cost Transportation PHASE 1-3		\$ 9,005,000.00	
	Plus the cost of RECs		No cost estimate.	
Phase 4	Replace the remaining 85 specialized vehicles: fire trucks, DPW trucks, loaders, police utility vehicles etc.		No cost estimate	Models not yet available.