

CITY OF NEWTON

IN BOARD OF ALDERMEN

PUBLIC FACILITIES COMMITTEE AGENDA

WEDNESDAY, JANUARY 21, 2015

7 PM

Room 204 (Formerly Room 209)

ITEMS SCHEDULED FOR DISCUSSION:

Public hearing assigned for January 21, 2015:

- #24-15 NSTAR ELECTRIC requesting a grant of location to install 25' ± of conduit and one manhole (Manhole #29995) in COMMONWEALTH AVENUE at the intersection of Mount Alvernia Road and College Road. [01/09/15 @ 12:25 PM]
- #14-15(2) FINANCE COMMITTEE requesting that the Department of Public Works and the Planning & Development Department provide the Public Facilities Committee with an overview of the proposed roadway and signalization improvements at the intersection of Needham, Oak and Christina Streets that is part of the Mass Works Highland Avenue and Needham Street Roadway Corridor Improvement. [01/12/15 @ 7:30 PM]
- #286-13(3) HIS HONOR THE MAYOR requesting authorization to implement roadway improvements at the intersection of Collins Road and Beacon Street that result in improved overall function and safety at the intersection. These improvements are related to the Angier Elementary School Project. [01/13/15 @ 2:44 PM]

REFERRED TO PUBLIC FACILITIES & FINANCE COMMITTEES

- #27-15 HIS HONOR THE MAYOR requesting authorization to appropriate two hundred fifty thousand two hundred fifty-five dollars (\$250,255) from StormWater Surplus to Stormwater Management Salaries and transfer the sums of eighty-eight thousand one hundred ninety-one dollars (\$88,191) from Storm Water Management Expenses and fifty thousand three hundred thirty-six dollars (\$50,336) from Stormwater Management Capital to Stormwater Management Salaries. [01/13/15 @ 2:43 PM]

ITEMS NOT SCHEDULED FOR DISCUSSION:

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #470-14 HIS HONOR THE MAYOR requesting authorization to appropriate the sum of one million dollars (\$1,000,000) from bonded indebtedness for the purpose of funding the installation of an elevator and other accessibility improvements at the War Memorial at City Hall. [11/24/14 @ 3:43 PM]

The location of this meeting is handicap accessible and reasonable accommodations will be provided to persons requiring assistance. If you need a special accommodation, please contact John Lojek, at least two days in advance of the meeting: jlojek@newtonma.gov, or 617-796-1064. For Telecommunications Relay Service dial 711.

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #471-14 HIS HONOR THE MAYOR requesting authorization to appropriate the sum of four hundred thousand dollars (\$400,000) from Free Cash to fund the design, construction, and relocation of modular buildings from Zervas Elementary School to Newton South High School for special education program needs. [11/24/14 @ 3:43 PM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #455-14 HIS HONOR THE MAYOR recommending amendment to Chapter 29, Section 80 **Sewer/Storwater use charge.** of the City of Newton Ordinances to create a storm water rate fee structure based upon square footage of impervious surface area.

REFERRED TO FINANCE AND APPROPRIATE COMMITTEES

- #375-14 HIS HONOR THE MAYOR submitting the FY16-FY20 Capital Improvement Plan pursuant to section 5-3 of the Newton City Charter. [10/15/14 @ 3:01 PM]
- #358-14 FINANCE COMMITTEE requesting that the Public Facilities Committee receive updates on the clean-up of the Rumford Avenue Landfill every three months. [09/11/14 @ 12:01 PM]
- #328-14 ALD. ALBRIGHT, DANBERG, & LAREDO requesting a review of double poles in Newton including a random sampling of ten double 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]
- #189-14 PUBLIC FACILITIES COMMITTEE requesting periodic updates on the Zervas Elementary School Project. [04/17/14 @ 10:48 PM]
- #188-14 PUBLIC FACILITIES COMMITTEE requesting periodic updates on the Cabot Elementary School Project. [04/17/14 @ 10:48 PM]

REFERRED TO PROGRAMS & SERVICES AND PUBLIC FACILITIES COMMITTEES

- #119-14 ALD. ALBRIGHT AND CROSSLEY requesting discussion with the Inspectional Services Department to explain the development of short and long term plans to identify and correct buildings, sidewalks, playgrounds, etc...that do not conform to American Disability Act (ADA) standards. The discussion should include information on how improvements will be incorporated into the Capital Improvement Plan or if less than \$75,000 into a comprehensive budget plan to correct ADA deficiencies. [03/12/14 @ 4:18 PM]
- #62-14 ALD. CROSSLEY, HESS-MAHAN, ALBRIGHT AND SALVUCCI requesting a report from the administration on the status of the City strategy to meet its obligations as a Department of Energy Resources Green Community, to reduce

municipal energy consumption by 20% over five years, particularly regarding advancing the implementation of the building energy audits program recommending energy efficiency measures in existing buildings, and how that strategy is incorporated into the capital improvement plan. [02/24/14 @ 6:35 PM]

- #14-14 ALD. ALBRIGHT, JOHNSON & NORTON requesting a discussion of the snow removal operations during the last storm including information on the use of brine and how it worked, the effectiveness of the new snow melter, snow dumping, and what can be done to make city sidewalks safe in the event of an ice storm. [12/20/13 @ 4:21 PM]
- #417-13 PUBLIC FACILITIES COMMITTEE requesting that the Administration provide updates on the progress of the Angier Elementary School project. [11/21/13 @ 9:16 AM]
- #200-13(2) ALD. JOHNSON proposing amendment(s) to Chapter 27 of the city ordinances relative to signs on sidewalks, traffic islands, and other city property to establish an application process for placing signs (sandwich boards, placards, and showboards), which includes requirements, timelines for posting and removal of signs. [02/26/14 @ 9:07 AM]
- #153-13 PUBLIC FACILITIES COMMITTEE requesting periodic updates on the progress of the citywide storm water system assessment needed to define the scope of repairs to the system, as well as methods of financing the assessment and an accounting of the storm water enterprise fund. [04/02/13 @ 11:02 AM]
- #131-13 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. [03/23/13 @ 11:13 AM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #41-13 ALD. CROSSLEY, FULLER AND SALVUCCI requesting a discussion with the administration to review how the city inventories, plans for, budgets and accounts for needed smaller capital expenditures (currently set at under \$75,000), which are excluded from the Capital Improvement Plan (CIP); how to make these non-CIP capital maintenance items visible, and how to integrate them with the overall planning, CIP, and budgeting processes. [01/14/13 @ 5:02 PM]

REFERRED TO PS&T, PUBLIC FACILITIES AND FINANCE COMMITTEES

- #310-10(2) ALD. DANBERG, BLAZAR, KALIS, SCHWARTZ, ALBRIGHT, HESS-
(#409-12) MAHAN, RICE, COTE, LEARY, AND NORTON requesting amendments to Sec. 26-8D of the City of Newton Ordinances to modify and make permanent the trial program for removal of snow and ice from sidewalks and to provide for enforcements and fines for violations. [09/10/14 @ 2:12 PM]
- #246-12 RECODIFICATION COMMITTEE recommending Sec. 25-1, which requires a permit to create a trench, be reviewed to determine if a new section relative to excavation should be established to regulate unsafe excavation beyond the regulation of trenches, as the City Engineer has advised that all trenches are excavations, but not all excavations are trenches, which amendment would replace **Sec. 20-53. Excavations; protection; erection of barriers.**, which was deleted as part of recodification because it conflicted with Sec. 25-1.
- #245-12 RECODIFICATION COMMITTEE recommending that Chapter 11, RECYCLING AND TRASH as most recently amended by Ordinance Z-68 and Z-87, dated 6/21/10 and 5/16/11, respectively, be reviewed and be amended as necessary.

REFERRED TO PS&T AND PUBLIC FACILITIES COMMITTEES

- #413-11 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 PROG. & SERV AND PUBLIC FACILITIES COMMITTEES

- #36-12 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]

#367-09 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]

#253-07 ALD. LINSKY ALBRIGHT, JOHNSON, HARNEY, SANGIOLO, SALVUCCI, MANSFIELD, BURG, SCHNIPPER requesting (1) a review as to how provisions of applicable ordinances, specifically 5-58, were implemented during the course of the Newton North project, and (2) consider proposed revisions of 5-58 including, but not limited to:

- (a) timely provision of documentation by the public building department to the Board of Aldermen and Design Review Committee;
- (b) establishment of liaison committees to facilitate communications and input from neighborhoods affected by projects subject to this ordinance;
- (c) approval of final design plans by the Board of Aldermen of projects subject to this ordinance;
- (d) oversight during the construction phase of projects subject to this ordinance by appropriate Board committee(s) both in respect to approval of change orders as well as design changes; and
- (e) generation of a required record detailing the entire construction process by the public building department to guide present and future oversight of projects subject to this ordinance.
- (f) establishment of a committee to provide oversight for public building construction and renovation during all phases of planning, design and construction. [08/07/07 @ 3:12 PM]

Respectfully submitted,

Deborah Crossley, Chairman

CITY OF NEWTON
MASSACHUSETTS

PETITION for GRANT OF LOCATION

RECEIVED
Newton City Clerk
2015 JAN - 9 PM 1:00
David A. Carroll
Newton, MA 02459

To the Petitioner:

City of Newton Ordinance Section 23-52 requires that each petition for grant of location be submitted to the Board of Aldermen 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 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 the Board of Aldermen
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 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 NSJair Electric

Address 200 Calvary Street
Waltham MA 02453

Phone Number 781 314-5053 Fax Number 781 314-5164

Contact Person Mawreen Carroll Title Right-of-way Agent

Signature Mawreen Carroll Date 1-9-2015
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.

NSR to install one new manhole MH 29995 and 25 feet of conduit

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

Title of Plan Commonwealth Ave, Newton Date of plan Revised 1/6/2015

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:

1/12/15

RECOMMENDATIONS:

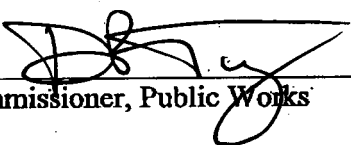
- 1. Street opening permit required from City of Newton.
- 2. Notify Engineering 48 hours prior to work
- 3. Police detail required

- 1. 36" minimum cover on all trenches
- 2. Bed of trench shall be excavated to flowable
- 3. Bituminous concrete roadway shall be replaced in kind to City of Newton Specifications.
- 4. Roadway was paved in 2011 requiring the permanent trench patch to be intruded
- 5. Granite curbs damaged, shall be replaced in kind and grade to City of Newton Specifications.
- 6. Trees shall be protected from any damage
- 7. Traffic shall be maintained.

L. J. O'Shea
L. Larrea

IV. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:

MILL AND OVERLAY 25' CURB TO CURB


Commissioner, Public Works

Date 1/12/15



200 Calvary Street
Waltham, Massachusetts, 02453

Date: January 9, 2015

Board of Aldermen
City of Newton
1000 Commonwealth Avenue
Newton Ma, 02459

To the Board of Aldermen:

RE: Commonwealth Avenue, Newton
W.O. 2041076

The enclosed petition and plan is being presented by the NSTAR Electric Company for the purpose of obtaining a Grant of Location to install One (1) Manhole #29995 and approximately 25 feet of Conduit in Commonwealth Avenue.

The residents in this area of Newton have been experiencing reliability issues over the past two years. To improve their customer service NSTAR is in the process of upgrading the area's electrical infrastructure. The installation of this manhole and conduit is critical to completing this upgrade.

Your immediate attention to this matter is appreciated. If you have any questions, please call Maureen Carroll at (781) 314-5053.

Sincerely,

A handwritten signature in black ink, appearing to read "William D. Lemos", written in a cursive style.

William D. Lemos
Rights & Permits Supervisor

WDL/la
Attachments

PETITION OF NSTAR ELECTRIC COMPANY FOR LOCATION FOR CONDUITS AND MANHOLES

To the Board of Aldermen of the City of Newton Massachusetts

Respectfully represents NSTAR ELECTRIC COMPANY a company incorporated for the transmission of electricity for lighting, heating or power, that it desires to construct a line for such transmission under the public way or ways hereinafter specified.

WHEREFORE, your petitioner prays that, after due notice and hearing as provided by law, the Board may by Order grant to your petitioner permission to construct, and a location for, such a line of conduits and manholes with the necessary wires and cables therein, said conduits and manholes to be located substantially as shown on the plan made by A. DeBenedictis Dated Revised 01/06/15 and filed herewith, under the following public way or ways of said City:

Commonwealth Ave - at the intersection of Mount Alvernia Road and College Road

Install one (1) manhole 29995 and 25 feet of conduit

WO# 2041076

NSTAR ELECTRIC COMPANY

By: William D. Lemos
William D. Lemos, Supervisor
Rights and Permits

Dated this 6th of January, 2015

City of Newton, Massachusetts

Received and filed _____, 2015

ORDER FOR LOCATION FOR CONDUITS AND MANHOLES

City of Newton Massachusetts, _____, 2015

In Board of Aldermen

WHEREAS, NSTAR ELECTRIC COMPANY has petitioned for permission to construct a line for the transmission of electricity for lighting, heating, or power under the public way or ways of the City hereinafter specified, and notice has been given and a hearing held on said petition as provided by law.

It is ORDERED that NSTAR ELECTRIC COMPANY be and hereby is granted permission to construct, and a location for, such a line of conduits and manholes with the necessary wires and cables therein under the following public way or ways of said City:

Commonwealth Ave - at the intersection of Mount Alvernia Road and College Road

Install one (1) manhole 29995 and 25 feet of conduit

WO# 2041076

All construction work under this Order shall be in accordance with the following conditions:

1. Conduits and manholes shall be located as shown on made by A. DeBenedictis Revised plan dated 01-06-2015
2. Said Company shall comply with the requirements of existing ordinances and such as may hereafter be adopted governing the construction and maintenance of conduits and manholes.
3. All work shall be done to satisfaction of the Board of Aldermen

or such officer or officers as it may appoint to supervise the work.

A True Record. Attest: _____
City Clerk

Approved _____ 2015

Mayor

CERTIFICATE

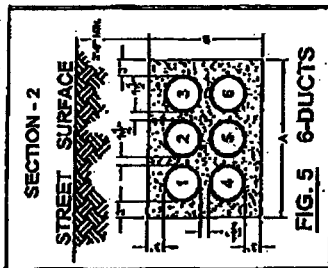
I hereby certify that the foregoing Order was adopted after due notice and public hearing as prescribed by Section 22 of Chapter 166 of the General Laws (Ter. Ed.) and any additions thereto or amendments thereof, to wit:--after written notice of the time and place of the hearing mailed at least seven days prior to the date of the hearing by the City Clerk to all owners of real estate abutting upon that part of the way or ways upon, along or across which the line is to be constructed under said Order, as determined by the last preceding assessment for taxation and a public hearing held on the ___ day of _____ 2015, at Board of Aldermen in the said City

City Clerk

CERTIFICATE

I hereby certify that the foregoing are true copies of the Order of the Board of Aldermen of the City of NEWTON Massachusetts duly adopted on the _____ day of _____, 2015 and recorded with the records of location Orders of said City. Book ___ Page ___ and of the certificate of notice of hearing thereon required by Section 22 of Chapter 166 of the General Laws (Ter. Ed.), and any additions thereto or amendments thereof, as the same appear of record.

Attest: _____
Clerk of City of NEWTON, Massachusetts

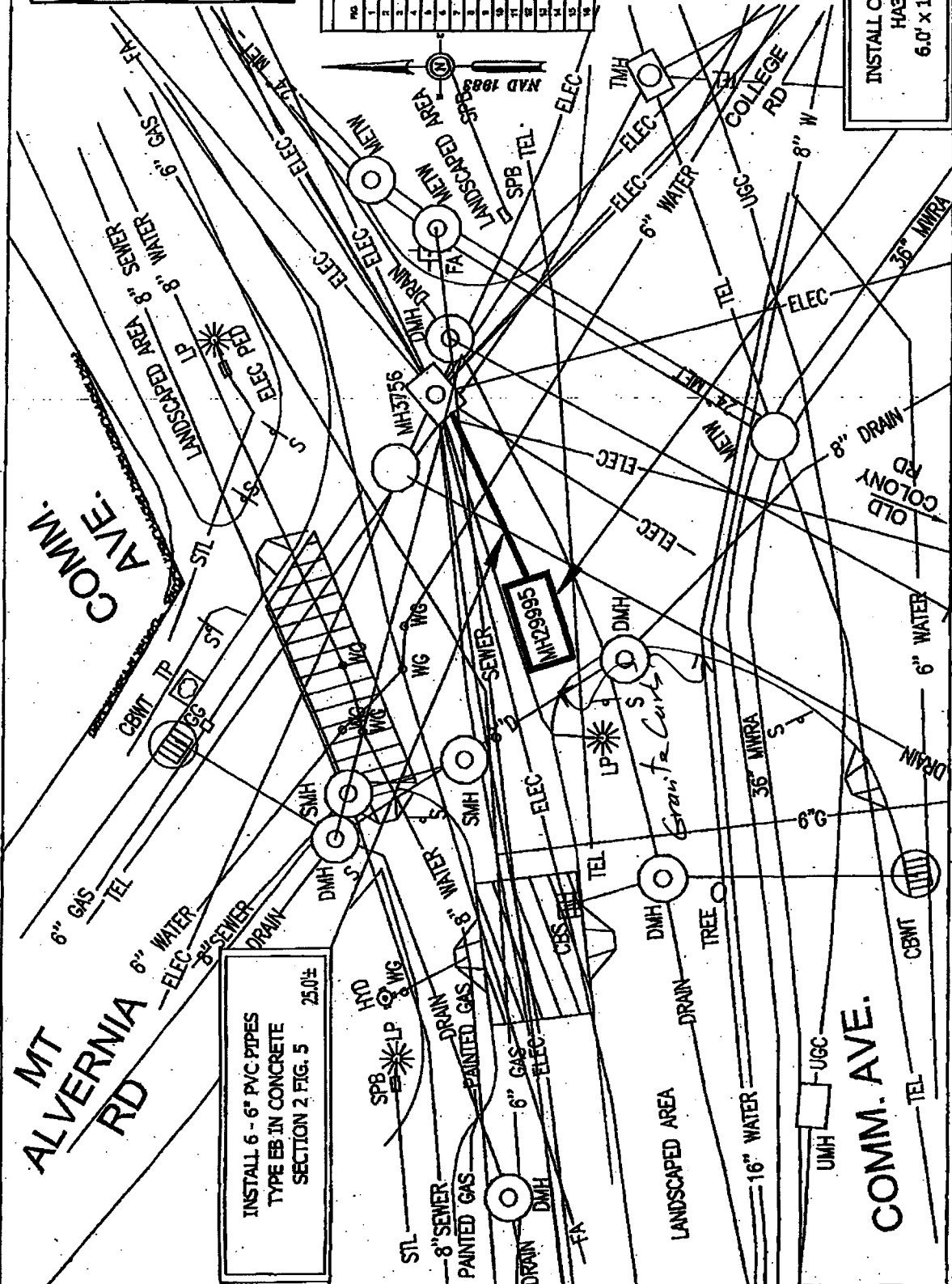


NO	DIMENSIONS		NO	DIMENSIONS	
	1" DIA	2" DIA		1" DIA	2" DIA
1	1.315	1.315	1	1.315	1.315
2	1.315	1.315	2	1.315	1.315
3	1.315	1.315	3	1.315	1.315
4	1.315	1.315	4	1.315	1.315
5	1.315	1.315	5	1.315	1.315
6	1.315	1.315	6	1.315	1.315
7	1.315	1.315	7	1.315	1.315
8	1.315	1.315	8	1.315	1.315
9	1.315	1.315	9	1.315	1.315
10	1.315	1.315	10	1.315	1.315
11	1.315	1.315	11	1.315	1.315
12	1.315	1.315	12	1.315	1.315
13	1.315	1.315	13	1.315	1.315
14	1.315	1.315	14	1.315	1.315
15	1.315	1.315	15	1.315	1.315
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17	1.315	1.315	17	1.315	1.315
18	1.315	1.315	18	1.315	1.315
19	1.315	1.315	19	1.315	1.315
20	1.315	1.315	20	1.315	1.315
21	1.315	1.315	21	1.315	1.315
22	1.315	1.315	22	1.315	1.315
23	1.315	1.315	23	1.315	1.315
24	1.315	1.315	24	1.315	1.315
25	1.315	1.315	25	1.315	1.315
26	1.315	1.315	26	1.315	1.315
27	1.315	1.315	27	1.315	1.315
28	1.315	1.315	28	1.315	1.315
29	1.315	1.315	29	1.315	1.315
30	1.315	1.315	30	1.315	1.315

INSTALL CONCRETE MANHOLE
HAS00 MH2995
6.0' x 12.0' x 10.0' DEEP



A Northeast Utilities Company
1165 WINDSORSHIRES AVE. DORCHESTER, MASS. 01925



INSTALL 6 - 6" PVC PIPES
TYPE EB IN CONCRETE
SECTION 2 FIG. 5 25.0'±

BY YOUR USE OF THE INFORMATION CONTAINED IN THIS MAP YOU AGREE THAT NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, IS GIVEN WITH RESPECT TO THE INFORMATION. NEITHER NSTAR ELECTRIC COMPANY, NSTAR GAS COMPANY NOR ITS PRESENT, AFFILIATED, OFFICERS, DIRECTORS, SHAREHOLDERS, EMPLOYEES OR AGENTS OR ANY OF THEM SHALL BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND OR NATURE, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS INFORMATION. THE INFORMATION IS PROVIDED AS IS AND YOU AGREE TO HOLD THE NSTAR COMPANIES HARMLESS FROM ANY SUCH LOSS OR DAMAGE. THE INFORMATION WAS NOT PREPARED BY A SURVEYOR AND IS SUBJECT TO CHANGE WITHOUT NOTICE. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE INFORMATION, WHETHER EXPRESSED OR IMPLIED, UNLESS INDICATED OTHERWISE TO ADOPT THE INFORMATION OR USE THE INFORMATION FOR OTHER THAN ITS INTENDED PURPOSES ARE PROHIBITED.

MASS. LAW
REQUIRES 72 HOURS ADVANCE NOTICE TO UTILITY COMPANIES BEFORE DIGGING BY ANYONE. CALL DIG-SAFE 1-888-344-7293



S:\SHARED\CHANGE\BASINS\NEW\COMM\IND.dwg

Ward #	Ch 1-15
Work Order #	2041076
Surveyed by:	JF/LM
Research by:	SC
Plotted by:	LM
Proposed Structures:	PDM
Approved:	A DEBENEDECTIS
Scale	1"=20'
Date	REV. JANUARY 6, 2015
SHEET	1 of 1

Showing PROPOSED MANHOLE & CONDUIT LOCATIONS

Final Label Report

Comm Ave

SBL	Owner	Number	Street	Unit
63010 0004	TRUSTEES OF BOSTON COLLEGE	110	COLLEGE RD	
63010 0003	TRUSTEES OF BOSTON COLLEGE	116	COLLEGE RD	
63010 0002	TRUSTEES OF BOSTON COLLEGE	122	COLLEGE RD	
63010 0001	TRUSTEES OF BOSTON COLLEGE	128	COLLEGE RD	
63013 0017	TRUSTEES OF BOSTON COLLEGE		COMMONWEALTH AVE	
63008 0050	TSAO JOSEPH TR	127	COMMONWEALTH AVE	
63008 0051	BENEDICT COLEMAN J JR	137	COMMONWEALTH AVE	
63009 0002	TRUSTEES OF BOSTON COLLEGE	140	COMMONWEALTH AVE	
63008 0052	MORRISSEY WILLIAM P	143	COMMONWEALTH AVE	
63008 0053	MCNAMARA JOHN B JR	151	COMMONWEALTH AVE	
63008 0027	WONG PETER & LILY C	159	COMMONWEALTH AVE	
63008 0025	MALLOY PATRICIA & IONE	175	COMMONWEALTH AVE	
63013 0016	TRUSTEES OF BOSTON COLLEGE	176	COMMONWEALTH AVE	
63013 0015	KACHNIC LISA	182	COMMONWEALTH AVE	
63008 0024	PUENTE MARIA ROCIO DEL BLANCO	185	COMMONWEALTH AVE	
63013 0014	WALDORF BETH R	188	COMMONWEALTH AVE	
63008 0023	STERN IVAN & ANNA K	191	COMMONWEALTH AVE	
63013 0013	NOLAN JAMES A	194	COMMONWEALTH AVE	
63010 0019	TRUSTEES OF BOSTON COLLEGE	14	MAYFLOWER RD	
63010 0020	TRUSTEES OF BOSTON COLLEGE	18	OLD COLONY RD	

City of Newton



DEPARTMENT OF PUBLIC WORKS

OFFICE OF THE COMMISSIONER

1000 Commonwealth Avenue
Newton Centre, MA 02459-1449

Setti D. Warren
Mayor

January 15, 2015

To: Honorable Mayor Setti D. Warren

Via: Maureen Lemieux, Chief of Staff, Chief Financial Officer

From: David F. Turocy, Commissioner Public Works

Subject: Docket Item 14-15 (2)
Oak St – Christina St – Needham St Intersection Improvements
Mass Works Roadway Improvement Project

As part of the Needham Street (Newton) and Highland Avenue (Needham) Roadway Corridor Improvement Project, the City of Newton has been awarded a Mass Works program grant, for \$1,500,000. The grant is a reimbursable type grant similar to Chapter 90, and includes a Mass DOT identified contingency fund of up to an additional \$350,000.

These funds will support purchase and installation of new traffic signal equipment and construction of the proposed roadway improvements to better align Oak and Christina Streets, improving the safety and function of this intersection with Needham St.

Public Works Department is currently preparing a license agreement with Mass DOT (who owns the Needham St roadway) to complete the final design (with Fay, Spofford and Thorndike Engineers), prepare bid documents and allow the City to oversee installation of the signal equipment and construction of roadway improvements. The City will then bid the work and execute a contract with a contractor.

The attached plans show the proposed improvements to the Oak St – Christina St – Needham St intersection. The plans are currently at 25% design.

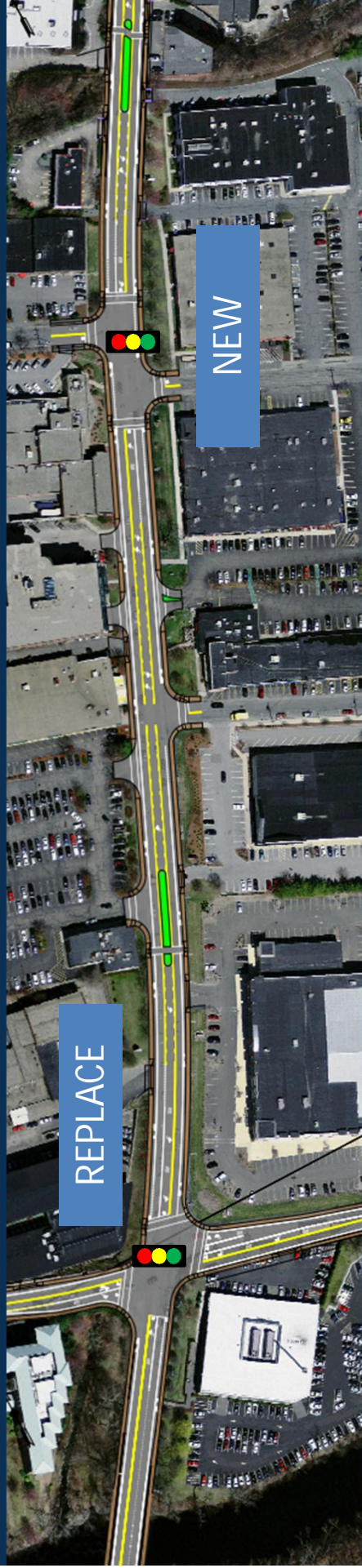
Please forward this information to the Honorable Board of Aldermen for further discussion.

Sincerely,

David F. Turocy
Commissioner, DPW

cc: James Freas, Acting Director, Planning and Development
Louis M. Taverna, P.E., City Engineer
William Paille, P.E., Director of Transportation

Needham Street, Newton



- 0.8 miles
- Roadway widening
- Curbing / sidewalk installation
- Center median installation
- Signal replacement/new



Needham Street at Oak Street / Christina Street

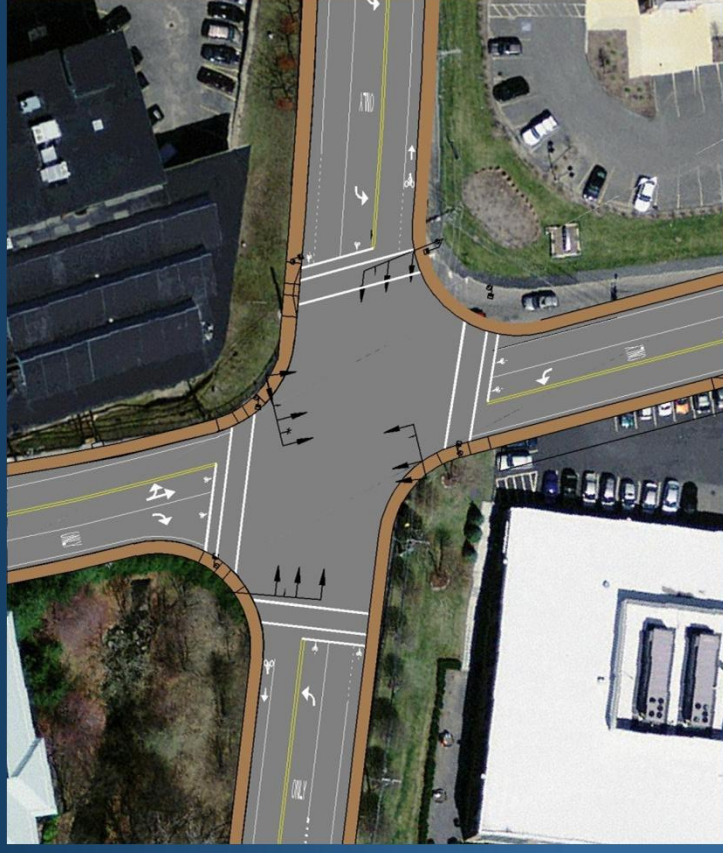


- Existing deficiencies
 - Noncompliant ADA access
 - Offset side streets
 - Conflicting left turn movements
 - High crash location
 - Outdated signal equipment
 - No designated ped signal



Needham Street at Christina Street / Oak Street

- Proposed Improvements
 - Avoids impacting historic culvert and mill complex
 - Better alignment
 - Protected/permissive left turn
 - Pedestrian/Bicycle Accommodations
- Modify Existing Signal
 - No Build
 - LOS F/F
 - 143 sec/ 145 sec
 - With Improvements
 - LOS F/F
 - 114 sec/ 100 sec





DEPARTMENT OF PUBLIC WORKS

OFFICE OF THE COMMISSIONER

1000 Commonwealth Avenue
Newton Centre, MA 02459-1449

Setti D. Warren
Mayor

January 6, 2015

RECEIVED
NEWTON CITY CLERK
2015 JAN 13 PM 2:44
David A. Olson, Clerk
Newton, MA 02459

To: Honorable Mayor Setti D. Warren

Via: Maureen Lemieux, Chief of Staff

From: David F. Turocy, Commissioner of Public Works

Subject: Request to implement specific roadway improvements at the intersection of Collins Road and Beacon Street related to the Angier School Reconstruction Project

As part of the Angier School Reconstruction Project, the Department Public Works is proposing specific geometric and traffic signal upgrades at the intersection of Collins Road with Beacon Street in order to facilitate vehicle and pedestrian circulation.

The existing geometry of this intersection is unconventional and does not facilitate good or safe vehicle/pedestrian circulation. The existing signal equipment is showing its age, the controller cabinet has been damaged by snowplow operations and continually goes into "flash" mode and does not meet current Manual on Uniform Traffic Control Devices (MUTCD) standards. The existing geometry allows vehicles to enter/exit the easterly side (under stop control) and essentially bypass the signals; encourages high speed maneuvers; creates several vehicle/pedestrian conflict points, increasing the risk of crashes; confuses drivers resulting in excessive and unnecessary vehicle queuing and delay. In addition, the approaching site distance from the east and west is poor, the location of existing signal equipment is not optimal and does not properly accommodate the large volume of pedestrian activity during school morning drop-off and afternoon pickup during the week or on Sunday during worship hours.

Geometric improvements will include reconfiguring Collins Road to control access to/from Beacon Street, upgrade existing utilities, implement better defined and wider sidewalks, upgrade existing utilities including storm drainage and water supply, a more consistent roadway typical section to better accommodate vehicles and bicycles and provide better defined on-street parking. These improvements will result in improved driver expectation, overall function and safety.

Traffic signal improvements will include upgrade of existing equipment to include mast arms, high max super controller, camera detection, pedestrian lead phase configuration, audible pushbutton activated controls and countdown pedestrian signal heads. In addition, pavement markings will be upgraded to include epoxy paint which will be more durable and resistant to fading. In addition, street lighting will be improved thru the implementation of decorative low emitting diode (LED) lights spaced 75' to 100' in order to provide adequate visibility for both pedestrians and motorists.

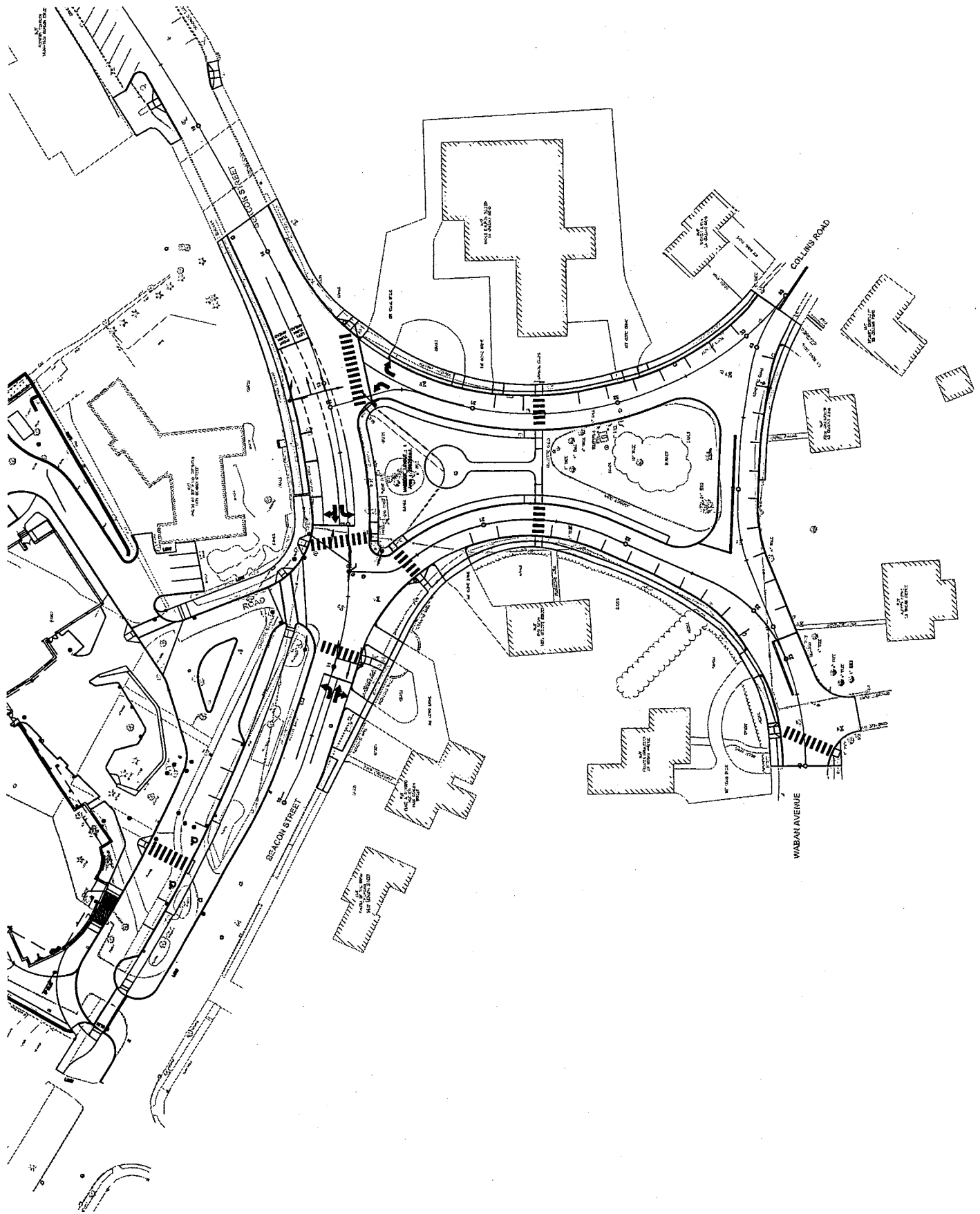
Please docket this matter with the City Clerk for Board of Aldermen consideration.

Respectfully,

David F. Turocy
DPW Commissioner

APPROVED

CC: William Paille, Transportation Director
Lou Taverna, City Engineer



City of Newton



DEPARTMENT OF PUBLIC WORKS
OFFICE OF THE COMMISSIONER
1000 Commonwealth Avenue
Newton Centre, MA 02459-1449

RECEIVED
Newton City Clerk
2015 JAN 13 PM 5:05

Setti D. Warren
Mayor

David A. Uison, OMC
Newton, MA 02459

January 11, 2015

To: Honorable Mayor Setti D. Warren

Via: Maureen Lemieux, Chief of Staff and Chief Financial Officer

From: David F. Turocy, DPW Commissioner

Subject: Request to transfer Storm Water Reserves and Expenses to Salaries

I respectfully request an authorization to transfer \$250,255 from Storm Water Reserves to Salaries. In addition, I also request the transfer of \$109,507 from Storm Water FY2014 carry over accounts and \$29,020 from catch basin cleaning to Salaries for a total of \$\$388,782.

Due to the close interconnections and related impacts of the sewer and storm water programs, DPW has routinely assigned crews in one division to duties in the other division. This, in fact, occurs amongst all divisions in Public Works; however, the frequency is much greater between the Sewer and Storm Water Divisions.

In order to more closely align the assignment of personnel to the cost accounting center, i.e. DPW Division, for which the operational activities are primarily being performed, DPW will need these additional funds to charge the Storm Water account for salaries and wages.

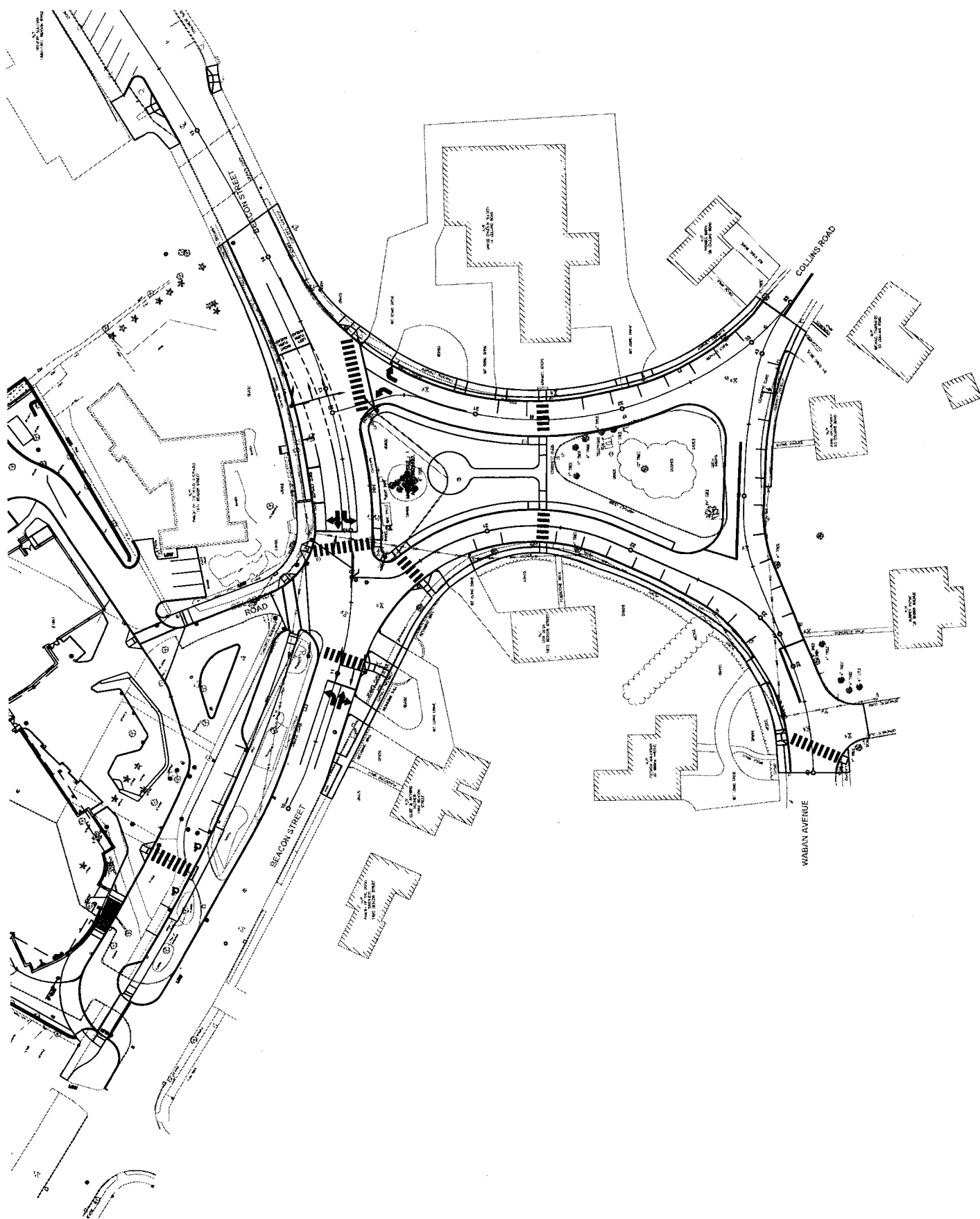
Please docket this item for Board of Aldermen consideration.

Respectfully,

David F. Turocy
DPW Commissioner

APPROVED

cc: David Wilkinson, Comptroller
Keith Nastasia, Utilities Director
Richard Pishkin, DPW Business Manager



Stormwater Budget FY 2015

January - June Salary Needs

Budgeted Stormwater Positions	
Working Foreman	\$28,646
SHMEO	\$26,256
Water & Sewer Maint. Craftsman	\$25,265
HMEO	\$20,067
HMEO	\$20,067
total	\$120,301

Additional supporting personnel	
Working Foreman	\$28,000
Pipelayer	\$25,000
HMEO/Mason Curbsetter	\$25,000
HMEO	\$21,000
Total Additional needed	\$99,000

OT projection (Jan-Jun)	\$55,296
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Jun-Dec deficit after transfers	\$114,185
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Total Jan-Jun salaries	\$388,782
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