

CITY OF NEWTON

IN BOARD OF ALDERMEN

PUBLIC FACILITIES COMMITTEE REPORT

WEDNESDAY, MARCH 18, 2015

Present: Ald. Crossley (Chair), Albright, Brousal-Glaser, Gentile, Danberg, Laredo, and Lappin

Absent: Ald. Lennon

Also present: Ald. Baker, Fuller, Johnson, and Yates

City staff present: Josh Morse (Commissioner of Public Facilities), David Turocy (Commissioner of Public Works), John Daghlian (Associate City Engineer), Keith Nastasia (Utilities Director), Bill Paille (Director of Transportation), and Maureen Lemieux (Chief of Staff/Chief Financial Officer)

#37-15 GILLIAN BROWN ISABELLE, 345 Upland Avenue, Newton Highlands appointed as a member of the CITIZENS COMMISSION ON ENERGY for a term of office to expire on March 1, 2018. [01-29-15 @ 10:24 AM]

ACTION: **APPROVED 7-0**

NOTE: Gillian Isabelle joined the Committee for the discussion of her appointment to the Citizens Commission on Energy. She has lived in the City for the past 15 years. Ms. Isabelle's background is in engineering and clean technology, particularly development of biofuels. She has been looking for ways to volunteer in the community and the Citizens Commission on Energy seemed like a good fit for her expertise. Her hope is that one of the Commission's focuses will be to look at opportunities for the community to incorporate renewable energy. With that, Ald. Danberg moved approval, which carried unanimously.

#102-06(14) CHESTNUT HILL REALTY, petitioning for Construction of a Common Sewer and Water Main in LAGRANGE STREET, the proposed sewer will extend from the existing sewer manhole on Lagrange Street located between the intersection of Byron Road and Broadlawn Drive easterly 150' ± to a proposed sewer manhole in Lagrange Street and the proposed water main will extend from the existing service in Lagrange Street located at the intersection of Broadlawn Drive and Lagrange Street 500' ± easterly to the Kessler Project site, identified as Section 82, Block 37, Lot 95. The existing dead-end water service at the intersection of Broadlawn Park and Lagrange Street will be connected to the proposed water main. (Ward 8) [03/09/15 @ 11:20 AM]

ACTION: **APPROVED 7-0**

NOTE: Associate City Engineer John Daghlian presented the petitioner's request to extend both a water and sewer main to provide services to a development known as the Residences of Kessler Woods. The development is the subject of a special permit with conditions that Chestnut Hill Realty petition the Board of Aldermen for extensions of the

proposed water and sewer mains in LaGrange Street. The Engineering Division of the Department of Public Works has reviewed the plans for both extensions and found no issues. The water main extension will improve water pressure and water quality in the area by creating a looped system. Both main extensions will be built to city standards and paid for by the petitioner. The petitioner will also mill and overlay that portion of Lagrange Street when the extension installations are complete.

Committee members asked Mr. Daghlian if the City's flow analysis for the development took into account the petitioner's request to slightly increase the number of bedrooms within the development. Mr. Daghlian responded that the calculations considered it and even with the increase, there is additional capacity. Mr. Daghlian pointed out that the petitioner contributed to the infiltration and inflow fund as part of the special permit conditions.

The Chair opened the public hearing and no one spoke for or against the petition. Ald. Lappin moved approval, which carried unanimously.

#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. [01/13/15 @ 2:44 PM]

ACTION: **APPROVED 5-0-1 (Laredo recused, Lappin not voting)**

NOTE: The Committee last discussed the request for roadway improvements in the area of Collins Road and Beacon Street on March 4, 2015. The item was held in order for Union Church and Riverside Daycare to provide further input on the options for the exit from their site. Transportation Director Bill Paille met with representatives of both the church and daycare and presented two options for the exit to the site. Option 1 would close off the exit from the site closest to Beacon Street. Option 2 would square the corner of Beacon Street and Collins Road and extend the church driveway to Collins Road. The church council voted unanimously for Option 2. The Committee received the attached e-mail from the Executive Director of the Riverside Children's Center asking for assurances that the changes to the site plan would not negatively affect the site's special permit and that there would be no expense to the church or the daycare for any amendment to the special permit or construction on site to implement Mr. Paille's plan. Both Mr. Paille and Chief of Staff Maureen Lemieux agreed that the City would be paying all costs associated with the traffic improvement project and that the changes to the special permit could be done as a consistency ruling. With that, Ald. Albright moved approval, which carried by a vote of five in favor and one recusal. Ald. Laredo recused himself due to a possible conflict of interest.

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]

ACTION: **APPROVED 7-0**

NOTE: Commissioner of Public Buildings Josh Morse and Project Manager Rafik Ayoub presented the request for \$1 million to install an elevator and related accessibility improvements in the area of the War Memorial portion of City Hall. The proposed plans for the elevator were provided to the Committee in the Friday packet and are available as part of the on-line version of the agenda for this meeting. Chair of the Design Review Committee Arthur Cohen provided the attached letter regarding the project. The letter states that the current plans are appropriate but that further design review will be required as the project develops.

The Public Buildings Department worked with two different architects to determine the best location for a three-stop elevator in City Hall and both architects independently sited the elevator in the same location. The Public Buildings Department and Inspectional Services Department have been working with KBA Architect on the design of the elevator, and the interior and exterior accessibility improvements. The new elevator will provide access to the second floor of the War Memorial Hall. The ramp that connects War Memorial Hall with the Aldermanic Chamber is not ADA compliant as it is not wide enough and the slope of the ramp is too steep. It is not possible to replace the ramp without causing significant structural changes to the historic War Memorial display area. People with disabilities would have to take the War Memorial elevator to the first floor or basement and traverse to the second elevator that serves City Hall.

The second floor elevator stop would be located in the War Memorial foyer at the west end of the building, the first floor stop would be next to Health and Human Services Department in a portion of the Disabled Veterans space, and the basement stop would be located in the former Inspectional Services Department vault located in the rear of the cafeteria. The City requested and received a variance from the Architectural Access Board waiving the need to provide elevator access to the War Memorial Hall balcony, as balcony seating is tiered and not accessible.

The plans also include additional handicap parking in the War Memorial Circle, removal of the three exterior steps to create a geuthsloping sidewalk to an accessible door at the street level of the War Memorial. A new ramp will be added next to the interior staircase near the entry. The public bathrooms located in the rear of the War Memorial portion of the building at street level will be renovated and a new fully accessible family bathroom added with changing tables. It is important that the addition of the elevator does not look like an afterthought. The goal is to match the aesthetic details of War Memorial Hall with the new elevator. The bid package will include an alternate for a lift to the stage. The lift would be located on the side of the War Memorial stage at the stairway landing at the front of the hall. The design for the lift is still being developed.

Committee members were very concerned that the disabled veterans were losing a significant amount of their meeting space in order to add the elevator. The current disabled veterans group consists of three to four veterans. Commissioner Morse has spoken to members of the group about the elevator project. Currently, much of the room is not utilized. There will be approximately 200 square feet of remaining space in the room once the elevator is installed. If the veterans do not want that space, there are other spaces in the building that could be offered

to the veterans like the old credit union office space or the commercial assessors' space in the basement. The group could also use the City Hall conference rooms for their meetings.

The Committee members asked that Commissioner Morse provide the project budget to the Finance Committee. A professional cost estimator was used to develop the estimate. The project carries a 10% contingency, as it is a renovation project in a historically significant building. The Commissioner feels that the proposed funding is enough for the project.

The funding for the project does not include any acoustic improvements. It was determined that the audio improvements should be done at the same time as any visual improvements in a second phase that will begin once the elevator project is complete. The Commissioner has already begun meeting with the City Clerk/Clerk of the Board David Olson and Chief Information Officer Joe Mulvey regarding Phase 2. The Chair requested that the Commissioner look at the possibility of adding central air conditioning to the War Memorial, Aldermanic Chamber, and meeting rooms to improve sound quality for public meetings.

Co-Chair of the Commission on Disability joined the Committee and stated that the Commission has been involved with the project from day one. Members of the Commission feel that is a very good project and creates great access to the War Memorial. Committee members pointed out that although the plan is not perfect, it does address the need for accessibility in the War Memorial portion of the building. With that, Ald. Danberg moved approval, which carried unanimously.

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

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

ACTION: **HELD 7-0**

NOTE: Chief of Staff Maureen Lemieux joined the Committee to discuss storm water rate fee structure. She informed the Committee that there are inaccuracies in the impervious surface database. A significant number of properties appear more than once in the database skewing the total impervious surface area. The Administration is correcting the database before it can use this as an accurate basis for storm water fees. Once Ms. Lemieux discovered the discrepancies in the database, she began looking for an alternate basis for storm water fees. One option she looked at was to base the storm water fee on potable water usage as there appeared to be a correlation, although there is no actual relationship between potable water usage and storm water run-off. However, when she proposed it to the Storm Water Working Group it was not received well.

Alternatively, the City could continue charging a flat fee for the next one to two fiscal years until the fee can be based on impervious surface area. Currently, fees of \$25 for each residential property and \$150 for all other types of property generate \$750,000 for the storm

water fund, which is no longer sufficient to cover storm water operations. The City needs to raise \$1,250,000 for operating costs.

The storm water improvement plan presented in February made a compelling case for needed infrastructure repairs. The flooding on Dedham Street near the Countryside School is critical and needs to be addressed in the upcoming year. The estimated cost for that project is \$1 million, which could be bonded. The City would not begin to make any payments on the bond until fiscal year 2017. There are a number of critical culvert inspections that also need to be done in the next year that include the culverts in the area of the Zervas and Cabot Elementary Schools. The estimated cost of the design for the Dedham Street project and culvert inspections is \$400,000. In order to undertake those projects and fund operations the storm water fees would need to generate at least \$1,650,000 next fiscal year.

It was pointed out that a flat fee of \$50 for residential properties and \$575 for commercial and other types of property could be implemented for the next fiscal year. The new fees would generate \$1.8 million in revenue for the fund. This would cover operating costs, capital costs and leave \$150,000 to create a budget line item for a storm water reserve. The City could also look at possibly increasing the fee after the first fiscal year from \$50 to \$75 and from \$575 to \$1,000 until the City can shift to an impervious surface area based fee creating additional capital to continue to implement the storm water infrastructure plan. The Committee agreed that it is imperative that the City institute a mechanism to fund its storm water infrastructure needs.

Several Committee members voiced support for a residential flat fee of \$75 for next fiscal year. However, there was concern that implementing a substantial increase to the flat fee for commercial properties was not fair to small businesses due to the obvious disparity in impervious surface area between small commercial properties versus large properties like Chestnut Hill Square, Chestnut Hill Mall, and Newton Wellesley Hospital.

It was suggested that if the impervious surface area data is good enough, the City could move to a tiered structure with fees based on large ranges of impervious surface area. For example, the first tier fee could have a fee of \$75 for properties with up to 10,000 or 12,000 square feet of impervious surface, which would capture residential properties and smaller businesses. The Committee consensus was to move to a tiered structure based on impervious surface. In addition, a number of Committee members felt that it is important that the Administration work within its commitment of an overall rate increase of not more than 3.9% for the utilities even if it means a decrease in the water and/or sewer rates for Fiscal 2016. Both the water enterprise fund and sewer enterprise fund have healthy reserves and can sustain a decrease in rates, while continuing to advance restoration work.

Ms. Lemieux responded that the impervious surface area data is accurate enough to create a tiered structure based on very large ranges of impervious surface area. She can provide a draft ordinance with proposed tiers and rates for the Committee's April 8, 2015 meeting. The Administration will also provide proposed sewer and water rates for that meeting. The Committee will also discuss how much credit a property owner should receive for having an on-site storm water retention system. According to the engineering standards currently in place

requiring on site retainage, a 50% credit would seem appropriate and in line with what other communities offer.

The Utilities Division of the Department of Public Works will continue to work on the impervious surface area data in order to transition to fees based on a finer scale of impervious surface area. Commissioner of Public Works Dave Turocy was not able to give a definitive timeframe of when the database would be ready. Ald. Laredo moved hold on the item, which carried unanimously.

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#73-15 HIS HONOR THE MAYOR requesting authorization to appropriate the sum of five hundred thousand dollars from Free Cash to supplement the snow and ice operations budget. [03/06/15 @ 11:40 AM]

ACTION: **APPROVED 5-0 (Gentile and Lappin not voting)**

NOTE: Commissioner Turocy provided the attached spreadsheet for snow and ice operation expenditures for the 2014/2015 winter. The City has already appropriated \$7,325,000 for snow and ice operations and expended \$6,327,965. The request is to appropriate an additional \$500,000 from Free Cash to close out all outstanding bills. The Commissioner will turn back any unused funds to the general fund. Ald. Laredo moved approval, which carried unanimously.

#72-15 PUBLIC FACILITIES COMMITTEE requesting a discussion with the Administration and Department of Public Works about the extent of damage to the City resulting from the recent extreme winter conditions including roadways, sidewalks, infrastructure, buildings and how the City is preparing to cope with the needed repairs. [03/09/15 @ 4:22 PM]

ACTION: **HELD 5-0 (Gentile and Lappin not voting)**

NOTE: See note for Docket Item #48-15.

#48-15 ALD. JOHNSON, SANGIOLO & YATES requesting a discussion with the Commissioner of Public Works regarding: (1) short and long term snow clearing of streets and sidewalks, (2) proactive planning relative to potential issues resulting from melting snow, (3) short term plans for addressing potholes, and (4) how the Department of Public Works will use the data gathered from where potholes need to be filled to guide planning for street repairs. [02/23/15 @ 9:31 AM]

ACTION: **HELD 5-0 (Gentile and Lappin not voting)**

NOTE: The above docket item and Docket Item #48-15 were discussed together as they are closely related. The City received 103.08" of snow this winter, which is well above the five-year average of snow. The estimated cost of snow removal for the winter is \$7,825,000. Commissioner of Public Works David Turocy provided the attached overview of the 2014-2015

snow operations in the Department of Public Works, which included a preliminary list of lessons learned.

The Commissioner began the presentation with a review of the department's policy and procedures for snow and ice, which is part of the presentation. The presentation included a review of street plowing operations. Commissioner Turocy added that the City pays its contractors by the inch of snow instead of by the hour. By paying by the inch, the City puts the onus on the contractors to get the clearing done quickly. For the most part, the Commissioner felt that the street clearing operations went as well as could be expected with the number of blizzards and large amount of snowfall the City received. He understands that the streets were narrow but all streets in the City did remain passable and open throughout the winter. There were white out conditions for a number of hours during the first storm that contributed to the narrowness of the roadways. There were subsequent attempts to widen the streets but the snow mounds froze making it impossible to clear them.

The Commissioner reviewed the sidewalk clearing operations. He is aware that sidewalk plowing did not go well. The department fell behind when machinery broke. Once the department received two new sidewalk machines in mid-February, the department was able to make some headway on clearing the sidewalks. The school sidewalk routes, village centers, and municipal buildings are done. Removal of snow mounds from village centers requires contractors and loaders and is a challenge due to the number of snowstorms. It is a very slow process. The department is still working on clearing all municipal sidewalks. There was focus on clearing transportation stops for school busses and commuters. The department needs to look at the sidewalk-plowing plan before next winter. It may be appropriate to reorder the priorities as they relate to sidewalk clearing. The Commissioner will be looking at the best way to assign personnel to meet the sidewalk clearing priorities. Currently, the more experienced plow operators are assigned to clearing streets but it may make sense to assign some to sidewalk clearing operations.

The Public Works Department utilized all of its primary snow storage sites, as well as the Rumford Avenue Recycling Depot, the Auburndale Cove parking lot and the Aquinas School. The snow melter was used quite a bit and worked well. The department stored a mountain of snow as high as the 35' light poles at the Elliot Street Yard but was one storm away from needing to use a playground area, as well. The Commissioner will be looking at additional sites for next year's snow storage sites.

The Commissioner recognizes that there were significant issues this winter but in order to do a better job the City needs better equipment. The Commissioner is requesting funding for a plow attachment that snow blows and enables the plow to cut back frozen snow mounds. The attachment will allow the City to do a better job and is the department's #1 capital improvement plan priority. The City should have four very good sidewalk clearing machines for the eight school routes in order to complete the routes before school is open. A good sidewalk-clearing machine can clear about 10 miles of sidewalk if the City wanted to clear all 450 miles of sidewalk in the City by the end of storms it would require 45 sidewalk machines. The

department has already ordered a wing plow to knock down snow mounds that it should receive before next winter. There are photos of each piece of equipment included in the presentation.

The presentation also included the Department of Public Works' winter damage responses. The department has already begun filling potholes in main streets and the ones reported on the city's website. To date 870 potholes have been filled and the department is beginning to patrol side streets for potholes. The department has funding for paving the potholes. *Subsequent to the meeting, the City learned that it would be receiving almost \$350,000 from the State for pothole repair. The department proactively cleared 100 catch basins located in low-lying areas and has cleared an additional 200 catch basins. The snow is melting slowly, which means that there has not been flooding. The Department of Conservation and Recreation has not seen any rise in the water levels of the Charles River.

So far, the City has received many damage claims but Commissioner Turocy believes that more will be coming in related to property damage because of plowing. The City suffered some damages to its buildings and fields. A Public Buildings Department Quonset hut that was used as a temporary fire station collapsed resulting in \$100,000 worth of damage. There were leaks at City Hall and a number of schools but there was not significant damage. The City lost approximately \$100,000 between lost parking meter revenue and enforcement tickets.

The City is working on putting together the costs for the first blizzard, which FEMA qualified as a disaster; therefore, the City will receive some reimbursement for the costs of dealing with the storm. Commissioner Turocy expects that the three other large storms will also be declared disasters. It can take a few years for the City to receive the reimbursement for storm costs from FEMA.

Docketors Ald. Johnson and Yates were present for the discussion of the items. They suggested that it would be helpful for Aldermen to have an understanding of how the Department of Public Works approaches storm management. In addition, if the Commissioner provides the storm management plan to the Aldermen, they could then advocate for the Department of Public Works and provide detailed answers and explanations to constituents. There was concern that there was no enforcement of contractors dumping snow on private property and/or streets. The Commissioner explained that the Police Department enforces those ordinances and that enforcement is complaint driven.

The Chair suggested that Commissioner Turocy provide written operations protocols, guidelines, ordinances related to snow removal, and a list of needed equipment and their functions. The Committee agreed and expressed the need for the department to have the proper equipment for snow and ice operations.

Committee members also requested that the Commissioner consider how to make fire hydrants more visible to ensure that they are cleared of snow. The Commissioner has spoken with the Fire Department regarding the hydrants. It was also suggested that it might have been appropriate to keep the no parking ban in effect until the streets could be widened. There should be some thought given to a parking management plan during and after snow events to avoid

safety issues like the inability for emergency vehicles to get down a street. It was also pointed out that when sidewalks plowed, they develop a layer of ice, which sometimes makes the sidewalk more treacherous than if they had not been plowed. The Commissioner should look at how to address the icing to make the sidewalks passable.

Ald. Brousal Glaser moved hold on both docket items, which carried unanimously.

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]

ACTION: NO ACTION NECESSARY 5-0 (Gentile and Lappin not voting)

NOTE: The School Department is undecided on whether to move the modular classrooms from Zervas Elementary School to Newton South High School. The modular classroom move would cost more than the requested \$400,000. The Administration is requesting that the Committee vote the item no action necessary. Ald. Laredo moved no action necessary, which was voted unanimously.

Respectfully submitted,

Deborah Crossley, Chairman

March 18, 2014

Dear Public Facilities Committee Members,

I am writing to you in reference to item number 286-13 (3). Riverside Children's Center is aware that the Union Church approved the ALT 2 Option that Bill Paille presented to us a few weeks ago.

I want to express my concern that the revisions to the site shown on Mr. Paille's plan will impact our special permit and approved site plans. It is my hope that Riverside Children's Center will not need to bear any expense related to amending the special permit as necessary, revision of site plans, or necessary site work.

Sincerely,

Kimberly A. Flannery,
Executive Director of Riverside Children's Center



Design Review Committee
PUBLIC BUILDINGS DEPARTMENT
Arthur Cohen, Chairman
Joshua R. Morse, Commissioner
Telephone (617) 796-1600
FAX (617) 796-1601
TTY: (617) 796-1089
52 Elliot Street
Newton Highlands, MA 02461-1605

Setti D. Warren
Mayor

Honorable Board of Aldermen
City of Newton
1000 Commonwealth Avenue
Newton Centre, MA 02459

18 March 2015

RE: City Hall Elevator and Accessibility Project

SUBJECT: DRC Preliminary Review

Honorable Board:

On Wednesday, 11 February 2015 the Design Review Committee met at City Hall to review the existing conditions, as they relate to the City Hall Elevator and Accessibility Project, and made comments about maximizing conservation of War Memorial Hall and its surroundings, maximize ease of access to elevator and toilets from within City Hall and from the exterior, while continuing to develop a master plan and phased upgrades to the entire City Hall complex toward providing universal access. The current approach to the desired work is appropriate, but additional design refinement and design review will be needed prior to bidding the work.

Sincerely,

Arthur Cohen, FAIA, LEED AP
Chair Design Review Committee

Public Works Department

FY-2014/2015 Snow Ice Projected Spending through Wednesday 18-Mar-15

		A	B	C=A+B	D	E	F=E-D
140110	Description	Original FY-15 Appropriation	Transfers & Board Orders	Revised Apropriation	Encumbered and to be Processed	Expended	Available
511001	Salary Wages	\$ -	\$ -	\$ -	\$ 23,000.00	\$ 5,606.33	\$ 17,393.67
511002	F/T WAGES & HRLY (estimated)	\$ -	\$ -	\$ -	\$ 100,000.00	\$ 67,793.17	\$ 32,206.83
513001	REGULAR OVERTIME	\$ 200,000.00	\$ 1,950,000.00	\$ 2,150,000.00	\$ 1,400,000.00	\$ 1,087,969.73	\$ 312,030.27
	REGULAR OVERTIME:						
513001A	BUILDING/SCHOOLS	\$ 33,000.00	\$ -	\$ 33,000.00	\$ 150,000.00	\$ 124,594.22	\$ 25,405.78
	WORK BY OTHER DEPTS:						
513004	OVERTIME	\$ -	\$ -	\$ -	\$ 30,000.00	\$ 28,389.88	\$ 1,610.12
	DRIVING BONUS /STAND-BY						
514311	SNOW PAY	\$ 30,000.00	\$ -	\$ 30,000.00	\$ 188,812.50	\$ 170,340.52	\$ 18,471.98
514318	SNOW WATCH PAY	\$ 20,000.00	\$ -	\$ 20,000.00	\$ 20,000.00	\$ 12,029.32	\$ 7,970.68
514321	PROMPT PAY STIPEND	\$ 300.00	\$ -	\$ 300.00	\$ 3,000.00	\$ 1,125.31	\$ 1,874.69
5273	RENTAL: VEH & EQUIP	\$ 145,900.00	\$ 4,050,000.00	\$ 4,195,900.00	\$ 2,450,286.00	\$ 2,375,286.00	\$ 75,000.00
	RENTAL: VEH & EQUIP						
5273A	BLDGS/SCHOOLS	\$ 100,000.00	\$ -	\$ 100,000.00	\$ 1,219,600.00	\$ 805,662.50	\$ 413,937.50
5386	WEATHER FORECAST SRV	\$ 1,700.00	\$ -	\$ 1,700.00	\$ 1,495.00	\$ 1,495.00	\$ -
5480	GASOLINE	\$ -	\$ -	\$ -	\$ 40,926.18	\$ -	\$ 40,926.18
5481	DIESEL FUEL	\$ -	\$ -	\$ -	\$ 99,984.00	\$ 16,779.76	\$ 83,204.24
5484	VEHICLE REPAIR PARTS	\$ 75,000.00	\$ -	\$ 75,000.00	\$ 104,413.00	\$ 104,412.92	\$ 0.08
5532	SAND & SALT	\$ 335,000.00	\$ -	\$ 335,000.00	\$ 1,666,000.00	\$ 1,133,548.77	\$ 532,451.23
5712	MEALS	\$ 4,000.00	\$ -	\$ 4,000.00	\$ 4,330.93	\$ 4,330.93	\$ -
5783	PRIVATE PROP. DAMAGE	\$ 5,000.00	\$ -	\$ 5,000.00	\$ -	\$ -	\$ 5,000.00
58502	EQUIPMENT: BOMBARDIERS	\$ -	\$ 325,000.00	\$ 325,000.00	\$ 319,360.00	\$ 319,360.00	\$ 5,640.00
52410	SOFTWARE MAINTENANCE	\$ 50,100.00	\$ -	\$ 50,100.00	\$ 52,817.65	\$ 52,817.65	\$ -
57MEDA	MEDICARE PAYROLL TAX	\$ -	\$ -	\$ -	\$ 16,423.00	\$ 16,423.00	\$ -
	TOTALS	\$ 1,000,000.00	\$ 6,325,000.00	\$ 7,325,000.00	\$ 7,890,448.26	\$ 6,327,965.01	\$ 1,573,123.25

Winter 2014 - 2015 SNOW OPERATIONS

18 March 2015



Department of Public Works



Annual Statistics



❏ Winter 2014/15 – 103.8" snow

❏ Five Year Average of snowfall: 54"

* Low 13" (FY12) - High 74" (FY13)

❏ Cost: \$7,825,000



Policy and Procedures

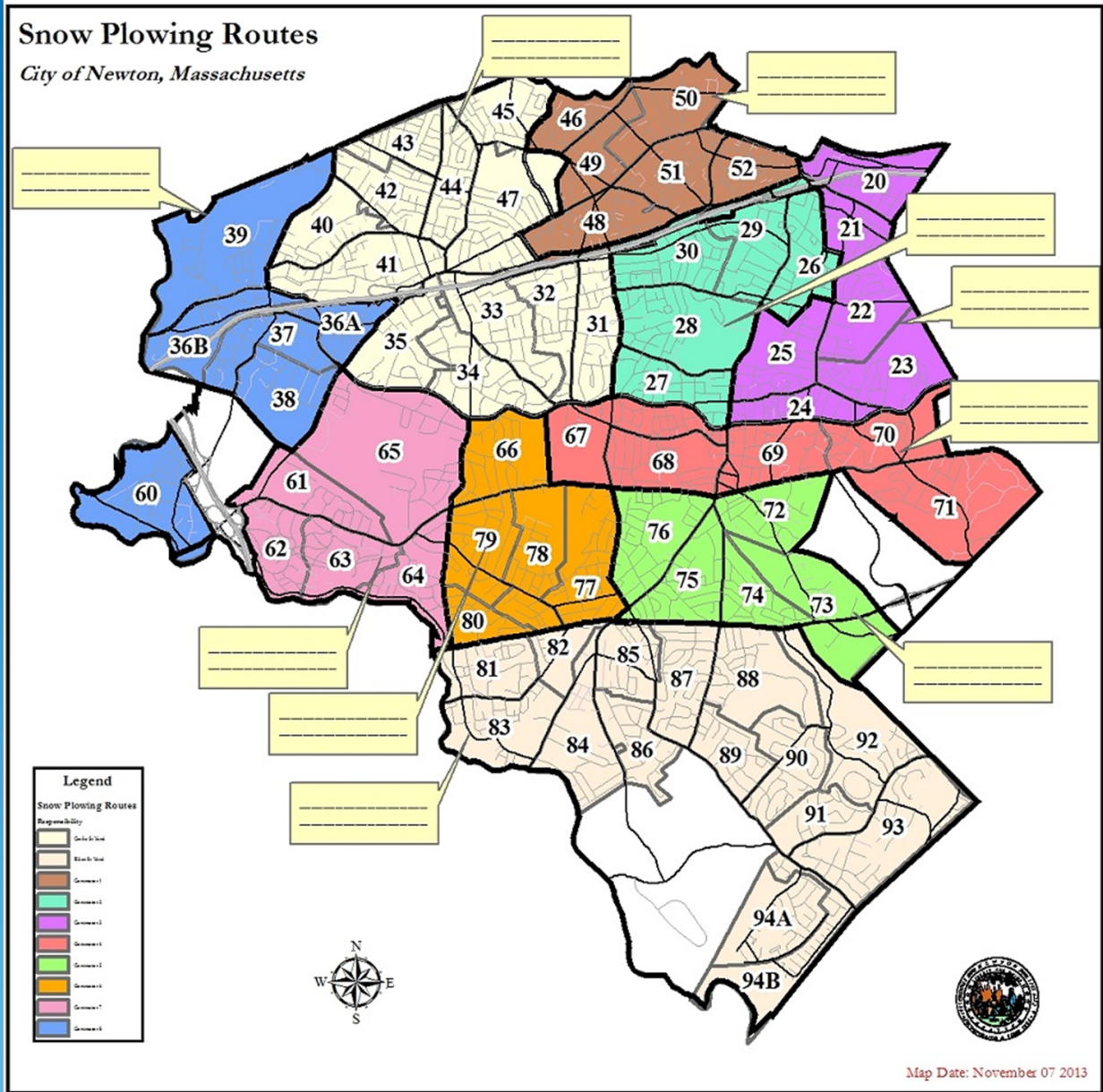
- ☀️ Weather Forecast at least 24 hours in advance
- ☀️ De-icing begins immediately
 - * Max Sanders: 14/14 (n/s of Comm Ave)
- ☀️ Plowing Operations initiated at ~3" snow
 - * 165 Vehicles (plows, sanders, chasers)
 - * Strategies – Keep one lane open
 - Stay ahead of storm
 - Complete w/in 8 hrs of end
- ☀️ Salt consumed ~1200 tons/storm
- ☀️ Miles plowed in 6" storm: ~ 4500 miles





Street Plowing

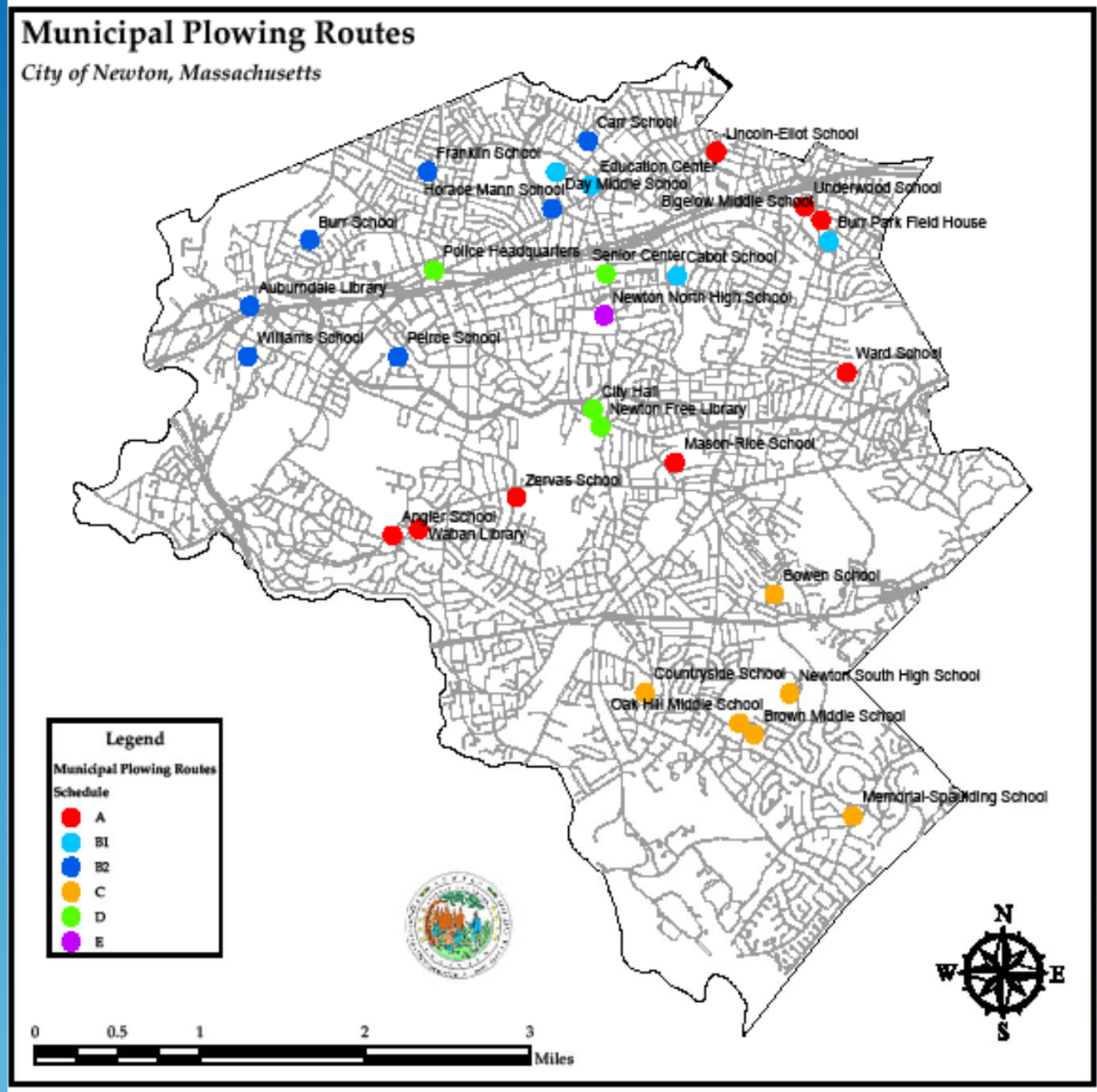
- 320 miles of roadway
- 10 Zones
 - 2 In-house
 - 8 Contractor
- 94 Routes





School & Municipal Buildings

- 6 Contracts
- 23 School Bldgs
- 7 Municipal Bldgs





Snow Storage Sites

Primary Snow Storage Sites:

1. Streets, Sidewalks, Commercial Areas

- Elliot Street DPW Yard

2. Schools / Municipal Buildings

- Forte Park Parking Lot

3. Other Snow Storage Sites Winter 2014/15

- Rumford Avenue Recycling Depot
- Auburndale Cove (West Pine Street – Parking Lot)
- Aquinas School





Lessons Learned (Preliminary)

1. Streets, Schools/Municipal Buildings Plowing Operations

2. Sidewalk Plowing

- Operations Plan / Personnel Assignments
- Upgraded Equipment
- Transportation Stops

3. Post-storm Snow Removal

- Village Business areas
- Street widening and snow mound removal
- Lack of necessary equipment
- Snow Removal alternate sites







Winter Damage Response

- Streets & Sidewalks
 - Potholes – Mains & Web QA, Funding
 - Drainage – Catch Basins, DCR
 - Damage Claims
- Public Buildings
 - Parks & Rec storage
 - City Hall
 - School Buildings
- Parks & Recreation
 - Ball fields, tennis courts
 - Marathon Routes
- FEMA Reimbursement

