

CITY OF NEWTON

IN BOARD OF ALDERMEN

JOINT BUDGET MEETING

PROGRAM & SERVICES AND FINANCE COMMITTEES AGENDA

WEDNESDAY, APRIL 10, 2013

7:15 PM Aldermanic Chamber

CHAIRMEN'S NOTE: Please bring your School Department Budget and CIP books with you to the meeting.

SCHOOL DEPARTMENT BUDGET & CIP

REFERRED TO FINANCE AND APPROPRIATE COMMITTEES

#322-12 HIS HONOR THE MAYOR submitting the FY14-FY18 Capital Improvement Program pursuant to section 5-3 of the Newton City Charter. [10/09/12 @ 2:38 PM]

All other items before the Committees will be held without discussion.

Respectfully Submitted,

Amy Sangiolo, Chairman
Programs & Services Committee

Leonard J. Gentile, Chairman
Finance Committee

I. EXECUTIVE SUMMARY

The FY14-18 Capital Improvement Plan (CIP) is the product of the risk-based prioritization assessment process that was initiated with the FY13-17 CIP, but revised with improvements. This current 5-year plan includes the addition of a consequence for the “*energy impact*” of implementing a project, as well as an expanded 20-year outlook for capital needs across all departments in the City. This longer term projection was developed through a holistic evaluation of all assets, to include the replacement of their respective major components. Finally, while capital costs were determined in 2013 dollars, an escalation factor of 3.5% per year is added in subsequent years to conservatively account for inflation impacting the future cost of construction goods and services. The result is a plan with an improved context by which to evaluate investments over the shorter 5-year period.

Capital Improvement Plan

The goal of the Capital Improvement Plan is to create a logical, data-driven, comprehensive, integrated, and transparent strategic capital investment strategy that addresses infrastructure needs, reflects community values, supports City operations, programs and services, and exemplifies financial and environmental best practices.

Basically, the City’s capital assets comprise an extensive inventory falling into eight categories:

- (1) **Buildings**- 78 each
- (2) **Roads**- 275 miles of public ways, plus 35 miles of private ways
- (3) **Sewer infrastructure**- over 300 miles
- (4) **Water infrastructure**- over 300 miles
- (5) **Storm drainage infrastructure** – approximately 300 miles
- (6) **Parks & Playgrounds**- 58 each
- (7) **Motorized Vehicles & Equipment**- over 200 pieces
- (8) **Information Technology**

Required maintenance and investment in these capital assets, both in the shorter term (5 years) and over the longer term (20 years), promises to extend their life in a fiscally responsible manner, support programs and services, and fully achieve the goals outlined in the annual budget for each department. The FY14-18 CIP contains 325 capital projects, valued at over \$336M, of which \$221M are proposed for funding. The pie chart included in Figure 4, Tab 2 (CIP by Asset Type), illustrates the distribution of project cost by the asset category listed above. The largest category is that of public buildings, collectively comprising 66% of the total 5-year cost.

The CIP has been updated utilizing a risk-based analysis to determine priorities across City departments through a collaborative effort with the CIP Steering Committee. This process optimizes the capital investment plan across many different City assets.

CIP Steering Committee:

Chief Operating Officer	Bob Rooney
Chief Financial Officer	Maureen Lemieux
Commissioner of Public Buildings	Stephanie Kane Gilman
Commissioner of Inspectional Services	John Lojeck
Commissioner of Parks and Recreation	Bob DeRubeis

“Energy Impact” as a Consequence

In response to public input to the previous FY13-17 CIP, this submission accounts for the impact on energy consumption (or production) as evaluated alongside seven other consequences having to do with health & safety, city operations, quality of life, etc. for each capital project. Each consequence is weighted individually from 1 to 10, with *Energy Impact* weighted “6”, reflecting its relative importance in the overall spectrum of values the community considers important in prioritizing investment needs.

20-Year Projection

Some larger capital assets, such as a building, have an expected life of 75 years or more and if selected to be funded for construction, require most of the 5-year timeframe in the CIP to plan, design, and construct each project. Without the advantage of knowing longer term investment needs for other buildings and other assets, it becomes apparent that the ability to fully assess the merits of proposed investments is difficult. This year, decisions regarding limited funds can now be made in context with the capital needs projected to FY33.

This long range planning exercise fostered big-picture thinking and emphasized a commitment to education and safety, and the primary goal of addressing City infrastructure needs in a financially sustainable and responsible way. It prompted questions about the future use of some assets and revealed additional facility needs for some departments in the future.

The 20-year projection is available in three formats: (1) a high level consolidated cost summary by capital asset category (Tab 4), (2) a breakdown of each major facility in the asset category (Tab 4), and (3) a detailed break-out of each component of each facility. Due to its size, this last spreadsheet is available for viewing on the City website. These “exploded views” of the assets provide the data back-up that comprise the total estimated costs over the next 20 years.

During the development of the long range projection, some assets were identified which appear to be underutilized based on the long term cost to maintain them. These facilities are generally smaller buildings belonging to either the Public Buildings Department or the Parks & Recreation Department (e.g. Bullough’s Pond hut on Bullough Park Road, Kennard Estate on Dudley Road, and a Building Department shop/storage building in Nahanton Park on Winchester Street). Over the next several months, it is anticipated that discussions will occur as to the long term community and operational uses to determine disposition and/or continued investment.

The City’s Five Year Financial Forecast is the counterpart and supporting document directly linked to the CIP. The Financial Forecast substantiates how capital improvements are funded; some \$221 million over the next five years. The new 20-year capital needs projection also facilitates and supports the development of long term financial strategies.

Cost Escalation

The impact of delaying projects 5, 10, or 20 years into the future dramatically reveals the ultimate cost of postponing capital needs. Total 20-year capital needs in today’s dollars are approximately \$750M, however after considering inflation and the future value of money, the cost rises to over \$1 billion. Expected increases in the costs of materials and labor, in combination with the shrinking value of the dollar due to inflation, result in an additional quarter of a billion dollars higher cost for projects in the out years than if they were financed and constructed today.

Time is responsible for major erosion of the City’s road funds as well. The State allocation of Chapter 90 funding (almost the sole investment in Newton’s road and sidewalk work over the last 20 years), has remained essentially constant (see Figure 1 below). However, with the cost of principle components of asphalt (crude oil) almost quadrupling over the last 20 years, the value of this grant allocation has been seriously

decremented. To illustrate further the erosion of purchasing power, if the Highway Division had sufficient funding to pave 4 miles of roadway 20 years ago, these same funds could pave only 1 mile today! Additionally, this does not take into account that the road, if the work is delayed, has also deteriorated further, adding to the total cost of bringing the capital asset up to the desired standard.

Chapter 90 Funding History

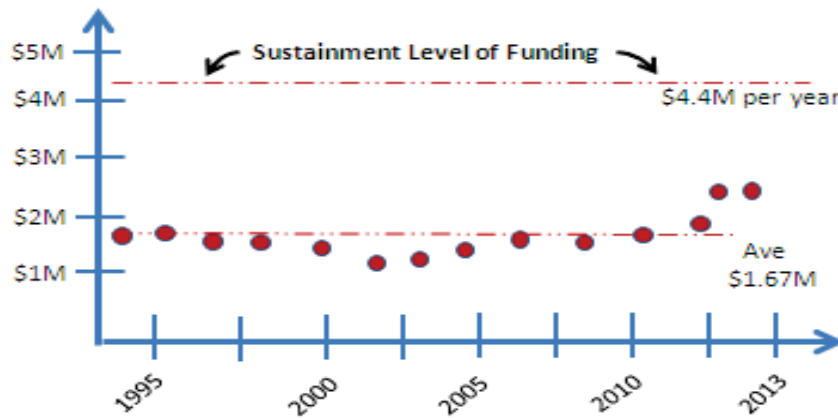


Figure 1. Chapter 90 (Road) Funding 1994-2012

II. CAPITAL ASSET PROGRAMS (Buildings, Roads, Water, Sewer)

The current CIP identifies over \$336M (in FY13 dollars) in capital needs. Of these projects are some of the City’s highest priority areas of concern – outdated and inadequate school facilities and growing student enrollment, deteriorating roadways, and antiquated fire stations. Of the \$221M proposed for funding, the majority (66%) is to address building infrastructure needs. The 5-year CIP and the 20-year projection seek to support the desired outcomes identified in the FY2013 City Budget – Education, Public Safety, Community Life, Capital Infrastructure, Environmental Sustainability, Economic Development, Financial Stability, and Community Engagement and is described in the following programs.

BUILDINGS PROGRAM

A top goal is to address the deteriorated and obsolete building infrastructure across the City. In anticipation of work in the schools, the City initiated a project to renovate the Carr School to be used as swing space during subsequent elementary school building renovations and additions. Concurrently, a long range plan was developed to systematically address the 15 elementary school needs; an overview is attached in Appendix 2.

Priority Building Projects

Angier School- Preparation for sequential school rehabilitation has begun, with the Carr School in design and the application and acceptance into the Massachusetts School Building Authority (MSBA) program for the Angier School. This building is nearing 100 years old and no longer meets facility and educational program

standards. As a top priority, the study of feasibility and schematic design has begun with anticipated temporary occupation of Carr School in September 2014, while Angier is either renovated or replaced.

Cabot and Zervas Schools- These schools represent both the need to address functionality and adequate space to maintain quality instruction in a facility that can support today's learning environment. A facility assessment indicates that these schools rank among the next highest facility need; the 83 year old Cabot Elementary School, and a Zervas School project to begin to address elementary school capacity issues. It is anticipated that the City will continue to work with the MSBA for grant funding on the Cabot project.

Fire Station 3 and Fire Headquarters (Newton Centre) - Continued investment in the City's antiquated Fire Stations rank among the top priorities to keep Newton safe and maintain a high quality of life. An assessment of the City's six Fire Stations and Fire Headquarters was completed in 2007 and implementation of a plan to renovate these critical facilities has been completed. In 2011 a feasibility study was conducted for Station 10 (Dedham St.), Station 3/Wires Division (Newton Centre) and Fire Headquarters. Design has commenced for a new Station 10 and a future move of the Wires Division to the Dedham Street site. Additionally, recognition of the need to fully renovate or replacement Station 3 and Fire Headquarters has become apparent to ensure response times and maintain the communications systems as this is the hub for the Emergency Operations Center. These Fire Station projects must comply with the new, more stringent seismic building code requirements, include sprinklers, be accessible, and accommodate female fire fighters; all of which is projected to have a significant impact on project costs.

The 20-year projection has identified buildings that are operationally under-utilized. These buildings represent opportunities for development, re-use, or removal from the inventory to reduce the City's operational expenses and future capital investments. Some are already in the re-use process (Health Department and prior Parks and Rec Headquarters), while others such as the branch libraries and small out-buildings should be further evaluated as to long term needs.

Project capital cost estimates for buildings were developed using several cost estimating methods. Cost estimates were developed using materials and prevailing labor costs, but where unavailable, cost estimates were developed using appropriate square foot costs for the particular facility. Total project costs were developed *based on 2013 construction dollars* and include the following assumptions added to the base construction cost:

• General Contractor			} 60%
• General Conditions, Bonds, Overhead and Profit	25%		
• Design Contingency:	10%		
• Soft Costs:	25%		

Soft costs include such costs as architectural and engineering design fees, in-house environmental and permitting costs, project management and testing costs and bonding costs.

ROADS PROGRAM

The City Roads Program consists of the following:

- Streets
- Sidewalks
- Parking Lots
- Parking Meters

FY2014-2018 CIP by Priority

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2014	Risk Factor	Funding Source	Prior Year Funding	ESCALATED COSTS (Costs in FY2015-2018 are escalated 3.5% a year)				
								FY 2014	FY2015	FY2016	FY2017	FY2018
								Total	Total	Total	Total	Total
				\$ 46,641,575			\$ 40,233,912	\$ 55,880,081	\$ 41,272,841	\$ 37,477,694		
1	Schools	Angier School - Renovation or Replacement	\$7.5M anticipated from MSBA. Renovate/ replace 92 yr old school due to poor condition, aging bldg systems and inadequate space per State Ed standards.	\$ 35,000,000	63.1	Bonding /MSBA	\$ 750,000	\$ 5,000,000	\$ 17,500,000	\$ 12,500,000		
2	Schools	Carr School - Building Renovation	Create swing space for on-going Elem. school bldg projects. Includes system and accessibility upgrades, sprinklers, sitework, windows, and roof.	\$ 12,700,000	55.1	Bonding	\$ 1,000,000	\$ 11,700,000				
3	Fire Dept	Fire Station #3, HCs, and Wires - Renovate/Replace Newton Centre Station	Station #3 needs major repairs/upgrades. Co-located w/ Fire HCs. Upgrade 60 yo systems for code compliance, access & female firefighters.	\$ 17,500,000	55.1	Bonding		\$ 4,000,000	\$ 5,000,000	\$ 8,500,000		
4	DPW/ Sewer	Sewer Inflow /Infiltration Project - West Newton Area	Part of 12 yr \$49.1 M program to remove excess inflow and infiltration into sewer system. Design (FY13) and constr (FY14) for West Newton area.	\$ 5,643,625	52.0	Enterprise Funds	\$ 902,000	\$ 4,741,625				
5	DPW/ Water	Replace Water Pipes to Improve Fire Flows	Year two of 3 year program to replace and repair water pipes in order to meet ISO fire flow standards which are currently deficient.	\$ 3,851,000	51.1	Enterprise Funds		\$ 3,851,000				
6	Schools	Remove Underground Tanks at Various Schools	Remove underground tanks which are no longer needed at Memorial-Spaulling, Zervas, and Underwood Elementary Schools.	\$ 250,000	50.6	Other		\$ 250,000				
7	Schools	Lincoln Eliot School - Add Four Modular Classrooms	Add modular classrooms for growing enrollment. Project includes sprinklers for the entire building as required by building code.	\$ 3,000,000	50.5	Bonding		\$ 3,000,000				
8	Public Buildings	Remove Underground Storage Tanks at City Buildings	Remove tanks at Fire Station 10, City Hall, Police HQ, and Senior Center. Tanks are no longer needed.	\$ 125,000	50.4	Other		\$ 125,000				
9	Fire Dept	Fire Station #10 (Bedham Street) Renovation	Project will address aging building systems, code upgrades, access and accommodations for female firefighters.	\$ 4,252,000	50.3	Bonding	\$ 780,000	\$ 3,472,000				
10	DPW	Crafts Street Garage - Building Envelope & Roof Repair/ Replacem	Address active roof leaks and masonry gap. Repair flashing; replace roof with new EPDM Roof. FY13 design & ph 1 constr. FY14 phase 2 construction.	\$ 870,000	50.3	Bonding	\$ 260,000	\$ 610,000				
11	Schools	Cabot School - Renovation and Addition/Replacement	FY14 feasibility study. Project will address aging systems, access, sprinklers, and space needs. Include cost to move to Carr and back to Cabot. \$7.5M anticipated from MSBA.	\$ 37,500,000	50.0	Bonding /MSBA		\$ 750,000	\$ 15,000,000	\$ 22,500,000		
12	Fire Dept	Replace Fire Dept Rescue Truck and Rescue Boat	Replace Special Ops, 1994 Ford (174K miles) Rescue truck needed for specialized rescue, with specialized tools and equipment. Special Ops gets taken out of service.	\$ 600,000	49.8	Other						
13	DPW	Street Paving - Cold Plane and Pave 21 Streets	Streets include Lowell, Webster, Homer, Wolcott, Hawthorne, Weldon, Bellevue, Summit, Lenox, Regent, Waban, Washington (2 sections), Morton, Hillside.	\$ 2,627,240	49.6	Chapt 90/ Alt Funds		\$ 2,627,240				
14	Schools	Zervas and Bigelow School Electrical Upgrades	Upgrades to electrical system and replace panels at Bigelow Middle School and Zervas Elementary School.	\$ 80,000	49.5	Bonding		\$ 80,000				
15	Schools	Bowen School - Mechanical Upgrades	Remove underground storage tank and replace or convert to gas if enough gas pressure. Leak detection system has failed.	\$ 100,000	49.5	Bonding		\$ 100,000				
16	DPW/ Water	Clean and Line Water Pipes to Improve Water Quality	Cleaning and lining of water pipes to improve water quality, ensure pipe integrity and capacity. Precedes scheduled roadway paving.	\$ 164,000	49.4	Enterprise Funds		\$ 164,000				
17	Public Buildings	Energy Efficiency / Water Conservation Upgrades to City and School Buildings	Project includes energy conservation measures at Library, Lincoln Eliot, Franklin, Underwood Cabot Schools thru NSTAR preferred vendor program.	\$ 2,000,000	49.1	Energy/ Stabiliztn Fund	\$ 1,000,000	\$ 1,000,000				
18	Senior Center	Senior Center - Mechanical Upgrades	Replace fans and air handling units. Change boiler burner to gas-fired. Replace basement fan coil unit. Improve operation & efficiency for consistent heating/cooling temps	\$ 188,000	49.1	Bonding		\$ 188,000				

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2014	Risk Factor	Funding Source	Prior Year Funding	FY 2014	FY2015	FY2016	FY2017	FY2018
19	Schools	Horace Mann - Add Classroom	Additional classroom needed to address immediate space needs. Create new classroom within existing building footprint.	\$ 75,000	49.1	Other		\$ 75,000				
20	DPW	Repair / Improve Wales St. Bridge (Wellesley MOU)	Repairs required in response to Mass DOT bridge inspection findings. Include new guardrails and bridge railings for height and impact safety requirements.	\$ 400,000	49.1	Chapt 90/ Alt Funds		\$ 400,000				
21	DPW/ Sewer	Islington Road Sewer Pump Station - Replace Pumps	Sewerage is pumped to higher point and gravity fed to MWRB pipes for treatment. Replace pumps, motors and flow recorder which are at life expectancy.	\$ 100,000	49.0	Enterprise Funds		\$ 100,000				
22	Schools	Ed Center - Pre-K Building Upgrades	Renovate toilet rooms for Pre-school and other improvements to correct water infiltration issues and address HVAC and space needs.	\$ 1,000,000	49.0	Bonding		\$ 1,000,000				
23	Parks/Rec	Lower Falls Community Center - Accessibility/ Site Upgrades	Code required project to provide accessible toilet rooms, an accessible drinking fountain, and lift to provide access to gym level.	\$ 300,000	48.9	Bonding	\$ 25,000	\$ 275,000				
24	Schools	Ward School - Accessible Entrance	Code required project to provide accessible entrance, toilet, and water fountain.	\$ 200,000	48.9	Bonding		\$ 200,000				
25	IT	Install Citywide IT Data Network	IT Advisory Cntr recommends implementing City-wide network as high priority imperative to improve speed, reliability, and security to build framework for	\$ 1,750,000	48.9	Other	\$ 500,000	\$ 250,000	\$ 258,750	\$ 267,806	\$ 277,179	\$ 286,881
26	Parks/Rec	Crystal Lake - Water Filtration System	Upgrade water filtration system to mitigate algae.	\$ 100,000	48.7	Bonding		\$ 100,000				
27	DPW	DPW - Replace Street Sweeper	Replacement of vehicle taken out of service (#148). Dept will not have minimum (6 ea) needed for 4 sweeps/yr efficiently. Contracting out services is alternative at great	\$ 172,000	48.6	Bonding		\$ 172,000				
28	DPW/ Water	Replace 2002 Construction Truck	Replacement of existing city vehicle used for construction work on City water mains and for snow removal/sanding operations. Life span of vehicles is 15 yrs. (#309)	\$ 130,000	48.6	Enterprise Funds		\$ 130,000				
29	DPW/ Sewer	Elliot Street Sewer Pump Station - Repair Pumps	Sewerage is pumped to higher point and gravity fed to MWRB pipes for treatment. Replace pumps and flow recorder which are at life expectancy.	\$ 100,000	48.6	Enterprise Funds		\$ 100,000				
30	DPW/ Sewer	Replace 2003 Backhoe	Replacement of existing city vehicle/ equipment used in sewer line repairs and maintenance (#327).	\$ 120,000	48.6	Enterprise Funds		\$ 120,000				
31	DPW/ Sewer	Replace 2004 Sewer Clam Truck	Replacement of damaged city vehicle/ equipment used to clean sewer catch basins and brook grates. (#330)	\$ 200,000	48.6	Enterprise Funds		\$ 200,000				
32	Schools	Zervas School - Renovation and Addition/ Replacement	FY14 feasibility study. Project to address space needs due to growing enrollment, bldg systems, access. Include cost to move to Carr and back to Zervas	\$ 42,500,000	48.6	Bonding /MSBA		\$ 750,000				\$ 1,750,000
33	DPW	DPW - Replace 1995 Backhoe	Replacement of existing city vehicle/ equipment that is beyond useful life, used for street & sidewalk repairs. (#130)	\$ 110,000	48.4	Bonding		\$ 110,000				
34	DPW/ Sewer	Sewer Inflow /Infiltration Project - Lower Falls Area	Part of 12 yr \$49.1 M program to remove excess inflow and infiltration into sewer system. Design (FY14) and constr (FY15) for Lower Falls area.	\$ 3,861,585	48.4	Enterprise Funds		\$ 523,710	\$ 3,454,701			
35	DPW/ Water	Replace Water Pipes to Improve Fire Flows	Year three of 3 year program to replace and repair water pipes in order to meet ISO fire flow standards which are currently deficient.	\$ 4,209,000	48.3	Enterprise Funds		\$ 4,356,315				
36	Schools	Peirce School - Mechanical Upgrades	Replace one 60 yo boiler and associated systems. 2nd boiler and DDC conversion in future project. Remove underground tank.	\$ 240,000	48.3	Bonding		\$ 248,400				
37	DPW	Sidewalk Improvements	Improve pedestrian safety. Repair/replace of sidewalks in poor condition and new sidewalks in village centers, school zones, on major roads.	\$ 150,000	48.2	Chapt 90/ Alt Funds		\$ 150,000				
38	Library	Newton Free Library - Mechanical Upgrades	Interior air handler replacement, pneumatic DDC controls conversion, replace chiller controls, repair/restore ice tank system.	\$ 1,100,000	48.2	Bonding		\$ 517,500	\$ 321,368	\$ 332,615		

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2014	Risk Factor	Funding Source	Prior Year Funding	FY 2014	FY2015	FY2016	FY2017	FY2018
39	Police	Police Headquarters - Mechanical Upgrades	Replace roof top Mechanical equipment that is beyond its useful life. Currently requires a lot of maintenance and service calls.	\$ 300,000	48.0	Bonding			\$ 310,500			
40	Schools	Horace Mann School - Exterior Masonry	Concrete around building has settled and cracked in various places creating a tripping hazard. Repair to prevent further deterioration.	\$ 100,000	47.6	Bonding			\$ 103,500			
41	DPW	Street Paving - Cold Plane and Pave 20 Streets	Roads include Lowell, Melrose, Staniford, Freeman, Lake, Crystal, Benwick, Oak Grove, Central, Bridge, Temple, Walnut, Linwood, Walnut Pl, Newtonville, Daniel, Ridge.	\$ 3,032,150	47.6	Chapt 90/ Alt Funds			\$ 3,032,150			
42	DPW	Sidewalk Improvements -Provide ADA Access Curb Cuts	Provide appropriate curb cuts to comply with Federal ADA requirements and to provide safe, accessible means to and from City sidewalks.	\$ 62,000	47.4	CD86 Eligible		\$ 62,000				
43	Public Buildings	Energy Efficiency / Water Conservation Upgrades to City and School Buildings	Project includes energy conservation measures at Ward, Mason Rice, Zervas, and Williams Schools thru NSTAR preferred vendor program.	\$ 1,000,000	47.3	Energy Stabilizn Fund			\$ 1,035,000			
44	DPW/ Sewer	Sewer Inflow /Infiltration Project - Chestnut Hill Area	Part of 12 yr \$49.1M program to remove excess inflow and infiltration into sewer system. Design (FY15) and constr (FY16) for Chestnut Hill area.	\$ 6,510,150	47.3	Enterprise Funds			\$ 1,301,538	\$ 5,626,743		
45	Schools	Lincoln Eliot School - Plumbing Upgrades	Replace deteriorated sanitary pipe, distribution, risers and vents, toilet rooms. Assess issues in FY15 to determine scope of additional work.	\$ 650,000	47.1	Bonding			\$ 207,000		\$ 498,923	
46	Public Buildings	Replace Underground Storage Tanks at City Buildings	Replace fuel tanks at Park Bldgs and Fire Department Headquarters. Tanks are beyond their useful life expectancy.	\$ 100,000	47.1	Bonding			\$ 103,500			
47	Schools	Horace Mann School - Electrical/ Emergency Generator	Replace emergency generator with smaller unit and install battery back-up emergency/egress lighting system. Upgrade elec service/ panels.	\$ 350,000	47.1	Bonding			\$ 129,375			
48	DPW/Water	DPW-Water/Utilities Department - Mechanical Upgrades	Install CO/NOx detection system for garage so that the detection of gas energizes the existing exhaust fans. Install backdraft damper on fans.	\$ 75,000	47.0	Enterprise Funds			\$ 77,625			
49	Schools	Remove Underground Tanks at Various Schools	Remove underground tanks which are no longer needed at Bigelow Middle School, NSHS, and the Ed Center.	\$ 260,000	47.0	Other			\$ 269,100			
50	Fire Dept	Fire Station #1, Newton Corner - Replace Emergency Generator	Replace emergency electrical generator (30KW, 208Y/120V, 3-Phase, 4-Wire) and transfer switch which are at the end of their useful lives.	\$ 123,000	46.9	Bonding			\$ 127,305			
51	DPW/ Sewer	Quinobquin Road Sewer Pump Station - Replace Pump	Sewerage pumped to higher point and gravity fed to MWRA pipes for treatment. Replace pump 1 and motors at life expectancy.	\$ 380,000	46.8	Enterprise Funds		\$ 120,000		\$ 144,133	\$ 149,178	
52	DPW/ Water	Replace 2002 Construction Truck	Replacement of existing city vehicle used for construction work on City water mains and for snow removal/sanding operations. Life span of vehicles is 15 yrs (#311).	\$ 130,000	46.5	Enterprise Funds			\$ 134,550			
53	DPW/ Storm	Cheesebake Brook Drainage Basin: Repair and Rebuild Retaining Wall	Wall integrity is jeopardized. Project to minimize property damage due to flooding from heavy rains and compromised conveyance systems. Phase I is survey.	\$ 300,000	46.5	Enterprise Funds			\$ 103,500			
54	DPW	DPW - Replace Large Construction Trucks	Replace 2 vehicles taken out of service: Vehicle #73 and #40. Required for sanding fleet for snow and for construction work.	\$ 300,000	46.3	Bonding			\$ 310,500			
55	Parks/Rec	Newton Centre Playground Phase V & VI Accessibility	Add ADA compliant access route to a portion of Newton Centre Playground. Approved for CDBG Funding by City Commission on Disability.	\$ 90,000	46.3	CD86 Eligible		\$ 45,000	\$ 46,575			
56	Public Buildings	City Hall - Plumbing and Accessibility Improvements	Upgrade toilet rooms for improved accessibility as required by code.	\$ 100,000	45.9	Bonding			\$ 103,500			
57	DPW	Sidewalk Improvements	Improve pedestrian safety. Repair/replace of sidewalks in poor condition and new sidewalks in village centers, school zones, on major roads.	\$ 150,000	45.8	Chapt 90/ Alt Funds			\$ 150,000			
58	DPW/ Sewer	Replace 1995 Sewer Jet Truck	Replacement of vehicle/ equipment used to clear out blockages in the sewer system to prevent sewer backups. (#369)	\$ 240,000	45.8	Enterprise Funds			\$ 248,400			

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2014	Risk Factor	Funding Source	Prior Year Funding	FY 2014	FY2015	FY2016	FY2017	FY2018
59	DPW	Traffic light improvements at Washington Street Intersection (Waltham/Watertown Streets)	Upgrade traffic signal and intersection on Washington St at Waltham/Watertown Sts to improve safety, visibility, and for ADA compliance.	\$ 75,000	45.7	Chapt 90/ Alt Funds			\$ 75,000			
60	Police	Police Headquarters - Roof Repair/ Replacement	Repair EPDM roof leaks. Repair copper cornice roof. Replace firing range roof.	\$ 83,000	45.6	Bonding			\$ 85,905			
61	DPW/ Storm	Repair Hammond St Drain	Storm drain pipe has partially collapsed and requires repair to prevent flooding.	\$ 200,000	45.6	Enterprise Funds			\$ 207,000			
62	DPW/ Water	Water Pump - Rebuild and Repair Dedham Street Water Pump	Replace 60 hp pump in Fire Station #10, boosts water pressure in high areas of City. Pumps fill Oak Hill Tank. Coord w/construct.	\$ 100,000	45.6	Enterprise Funds			\$ 103,500			
63	DPW	Street Paving - Cold Plane and Pave 21 Streets	Streets include Vernon, Eldredge, Elmwood, Beacon, Pembroke, Durant, Hanson, Bishopsgate, Hammondswood, Monahnock, Otis, Adams, Circuit, Converse, Ruthven.	\$ 2,796,372	45.6	Chapt 90/ Alt Funds				\$ 2,796,372		
64	Public Buildings	Energy Efficiency / Water Conservation Upgrades to City and School Buildings	Project includes energy conservation measures at Countryside, Mem-Spauld and Peirce Schools and Ed Center thru NSTAR preferred vendor program.	\$ 1,000,000	45.5	Energy Stablrtn Fund				\$ 1,071,225		
65	DPW	Sidewalk Improvements -Provide ADA Access Curb Cuts	Provide appropriate curb cuts to comply with Federal/ADA requirements and to provide safe, accessible means to and from City sidewalks.	\$ 63,500	45.5	CDBG Eligible			\$ 65,723			
66	Fire Dept	Replace Fire Dept Pumper Truck (Engine 1)	Replace Engine 1, 1999 Pumper Truck which will exceed life expectancy in 2014, and replace spare engine (1992) that should no longer be used	\$ 600,000	45.4	Bonding				\$ 642,735		
67	Public Buildings	Replace Underground Storage Tanks at City Buildings	Replace fuel tanks at DPW Crafts Street Operations Center, Cabot Pk Fieldhouse, and DPW Elliot Street Operations Center. Tanks are beyond useful life.	\$ 100,000	45.3	Bonding				\$ 107,123		
68	DPW/ Water	Clean and Line Water Pipes to Improve Water Quality	Cleaning and lining of water pipes to improve water quality, ensure pipe integrity and capacity. Precedes scheduled roadway paving.	\$ 4,034,180	45.1	Enterprise Funds				\$ 4,321,514		
69	Schools	Ed Center - Electrical Upgrades	Upgrade electric service, panels and sub-panels to support IT server room and other building functions.	\$ 225,000	44.6	Bonding				\$ 241,026		
70	DPW	Streetlights - Convert to Energy Efficient Fixtures (LED)	Convert 140 existing high pressure sodium Rte 9 streetlights to LED lights to reduce City's carbon footprint and annual electricity budget.	\$ 100,000	44.4	Chapt 90/ Alt Funds		\$ 50,000		\$ 50,000		
71	DPW/ Sewer	Sewer Inflow /Infiltration Project - Newton Centre	Part of 12 yr \$49.1M program to remove excess inflow and infiltration into sewer system. Design (FY16) and const (FY17) for Newton Centre area.	\$ 3,958,875	44.3	Enterprise Funds				\$ 609,795	\$ 3,758,138	
72	Schools	Ed Center - Exterior Masonry Work	Repair, report and clean exterior masonry. This is Phase II of work begun in FY13.	\$ 400,000	44.1	Bonding				\$ 107,123		
73	Public Buildings	City Hall - Envelope - Masonry Repairs	On-going program to repair and report exterior masonry to preserve building envelope. Address worst areas first.	\$ 425,000	44.0	Bonding				\$ 133,903		
74	Fire Dept	Fire Station #1, Newton Corner - Replace Tanks	Remove diesel and heating oil tanks, replace with tanks from Countryside Sch, Abate room. Gas conversion and and other mech. work in future renovation work.	\$ 75,000	43.8	Bonding				\$ 80,342		
75	Schools	FA Day School - Replace Boilers	Replace two 60 year old boilers and variable air volume (VAV) coil work.	\$ 450,000	43.8	Bonding				\$ 107,123	\$ 388,051	
76	DPW	DPW - Replace 1985 Excavator	Replace of existing city vehicle/ equipment used for street & sidewalk repairs. (#110) Beyond useful life expectancy.	\$ 270,000	43.8	Bonding				\$ 289,231		
77	DPW	Replace Gath/Auburne Foot Bridge	Footbridge is in poor condition and is not wheelchair accessible. Footbridge is part of evacuation route for Day MS.	\$ 150,000	43.7	CDBG Eligible				\$ 160,684		
78	DPW/ Sewer	Prairie Avenue Sewer Pump Station	Station built 1950, rehabbed in 1992. Contains 2 (5 hp) pumps. Replace wet well.	\$ 100,000	43.7	Enterprise Funds				\$ 107,123		

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2014	Risk Factor	Funding Source	Prior Year Funding	FY 2014	FY2015	FY2016	FY2017	FY2018
79	Public Buildings	City Hall - Mechanical Upgrades	Replace condensing units. Replace and insulate ductwork and replace fans. Add mini-split A/C units in conjunction with window restoration /replacement.	\$ 425,000	43.7	Bonding	\$ 50,000			\$ 267,806	\$ 138,590	
80	Parks/Rec	Pellegriini Park Field House - Mechanical Upgrades	Replace boiler, remove underground storage tank. Convert to gas, provide new heating controls, fans and heaters in future.	\$ 250,000	43.6	Bonding				\$ 160,684		
81	Schools	Horace Mann School - Replace Roof	Replace Total Building 1986 Built up roof area. Roof has reached its life expectancy.	\$ 375,000	43.5	Bonding				\$ 401,709		
82	DPW	Sidewalk Improvements -Provide ADA Access Curb Cuts	Provide appropriate curb cuts to comply with federal ADA requirements and to provide safe, accessible means to and from City sidewalks.	\$ 63,500	43.5	CDBG Eligible					\$ 70,404	
83	Schools	Remove Underground Tanks at Various Schools	Remove underground tanks which are no longer needed at Lincoln-Eliot, Pierce, and Franklin Elementary Schools.	\$ 280,000	43.4	Other				\$ 299,943		
84	Public Buildings	City Hall - Exterior Windows & Doors	Restore/Replace windows in phases to improve energy efficiency, functionality and comfort, and to preserve exterior wall.	\$ 1,000,000	42.4	CPA Eligible			\$ 517,500	\$ 535,613		
85	DPW	Traffic Light Improvements at Beacon Street and Langley Road Intersection	Upgrade traffic signal and intersection at Beacon St. and Langley Rd to improve safety and visibility, and for ADA compliance.	\$ 75,000	42.0	Chapt 90/ Alt Funds				\$ 75,000		
86	DPW	Sidewalk Improvements	Improve pedestrian safety. Repair/replacement of sidewalks in poor condition and new sidewalks in village centers, school zones, on major roads.	\$ 150,000	41.4	Chapt 90/ Alt Funds				\$ 150,000		
87	Parks/Rec	Tree Crew Bucket Truck	Current truck has been in service since 2004. Over 90% of Tree Work requires this truck. Without it most work could not be done.	\$ 165,000	41.0	Other				\$ 176,752		
88	DPW/ Sewer	Replace 2001 10-Wheeler Large Capacity Construction Truck	Replace vehicle/equipment used to haul materials for trenching/ backfilling for sewer line repairs. Also used for snow removal. (#365)	\$ 160,000	41.0	Enterprise Funds				\$ 171,396		
89	DPW/Water	Replace 2004 Construction Truck	Replacement of existing city vehicle used for construction work on City water mains and for snow removal/sanding operations. Life span of vehicles is 15 yrs (#316).	\$ 130,000	41.0	Enterprise Funds				\$ 139,259		
90	DPW	Walnut Street (Homer Street to Route 9) Final Design	Eliminate deteriorated roadway condition and enhance public safety. Arterial minor. Federal funds for constr only. Design funded by City.	\$ 250,000	40.9	Chapt 90/ Alt Funds				\$ 250,000		
91	DPW/ Storm	Rehabilitation of Forest Grove Storm System Pump Station	Pump station is used for flood and mosquito control of Flowed Meadow and needs upgrades and repair work to function properly.	\$ 150,000	40.8	Enterprise Funds				\$ 160,684		
92	Schools	Bigelow School - Mechanical Upgrades	Boilers are 54 years old and beyond their useful life. Replace one boiler now and one in future year.	\$ 250,000	40.8	Bonding				\$ 277,179		
93	Schools	Brown School - Mechanical Upgrades	Study options for repair /replacement. Steam system has failed. \$50K/yr to address steam leaks. Hot water conversion in next ten years (\$2M). Periodically causes	\$ 2,000,000	40.5	Other				\$ 55,436		
94	DPW	Streetlights - Gaslight Conversion for Energy Efficiency	Convert 19 gas lights to electric lights on existing utility poles. Convert 56 gaslights to electric lights where no streetlight pole exists. Requires installation of conduit.	\$ 234,000	40.5	Other						
95	Public Buildings	Energy Efficiency / Water Conservation Upgrades to City and School Buildings	Project includes energy conservation measures at Horace Mann, Brown, Oak Hill and NSHS thru NSTAR preferred vendor program.	\$ 500,000	40.4	Energy Stabiliztn Fund				\$ 554,359		
96	DPW	Crafts Street Garage - Mechanical Upgrades	Complete roof top unit work begun in stimulus project. Replace fans, duct work, unit heaters. Provide gas detection system.	\$ 400,000	40.4	Bonding				\$ 443,487		
97	DPW	Sidewalk Improvements -Provide ADA Access Curb Cuts	Provide appropriate curb cuts to comply with federal ADA requirements and to provide safe, accessible means to and from City sidewalks.	\$ 63,500	40.3	CDBG Eligible					\$ 72,868	
98	Fire Dept	Fire Station #2, West Newton - Replace Emergency Generator	Replace emergency generator which is at the end of it useful life. Install life/safety equipment stored in Wires Division.	\$ 163,000	40.3	Bonding					\$ 180,721	

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99	DPW/Water	Clean and Line Water Pipes to Improve Water Quality	Cleaning and lining of water pipes to improve water quality, ensure pipe integrity and capacity. Precedes scheduled roadway paving.	\$ 4,018,200	40.2	Enterprise Funds					\$ 4,455,050	
100	DPW/ Sewer	Sewer Inflow /Infiltration Project - Nonantum Area	Part of 12 yr \$49.1M program to remove excess inflow and infiltration into sewer system. Design (F17) and constr (F18) for Nonantum area.	\$ 4,505,355	40.2	Enterprise Funds					\$ 631,138	\$ 4,516,771
101	Schools	Lincoln Eliot School - Replace Emergency Generator	Replace emergency generator with smaller unit and install battery back-up emergency egress lighting system.	\$ 150,000	40.1	Bonding					\$ 166,308	
102	Parks/Rec	Newton Corner Parks & Rec Headquarters - Exterior Windows & Doors	Restore/replace historic exterior doors and windows. Weatherstrip and seal for energy efficiency. Window bay foundation repairs.	\$ 217,000	40.0	CPA Eligible					\$ 240,592	
103	Public Buildings	Replace Underground Storage Tanks at City Buildings	Replace fuel tanks at the Public Buildings Department, Auburndale and Nonantum Libraries. Tanks are beyond useful life.	\$ 100,000	39.9	Bonding					\$ 110,872	
104	Schools	Remove/Replace Underground Tanks at Various Schools	Remove underground tanks which are no longer needed at Williams, Mason-Rice, and Ward Schools.	\$ 260,000	39.8	Other					\$ 288,267	
105	DPW	Street Paving - Cold Plane and Pave 18 Streets	Streets include Crafts, Ward, Morton, Parker, Varick, Annawan, Bennington, Bound Brook, Tower, Henshaw St, Henshaw Ter, Kibburn, Vine, Fuller, Town House Dr, Mill,	\$ 2,904,480	39.6	Chapt 90/ Alt Funds					\$ 2,904,480	
106	Jackson Homestead	Jackson Homestead - Archives Project	Renovate Archives area for compact, environmentally controlled archives storage; add accessible entrance ramp, and code compliance upgrades	\$ 463,421	39.2	CPA Eligible	\$ 463,421					
107	DPW	Engineering Map Scanning Project Phase I	Phased project. Current maps are deteriorating rapidly. A new storage system would allow DPW to store maps after scanning. Proposed to be a phased project.	\$ 100,000	39.1	CPA Eligible						
108	DPW	Traffic Light Improvements at Washington Street Intersection (Cherry/Highland Streets)	Upgrade traffic signal and intersection on Washington St at Cheery St and Highland to improve safety, visibility, and for ADA compliance.	\$ 75,000	39.1	Chapt 90/ Alt Funds					\$ 75,000	
109	DPW	Crafts St DPW Operations (Stable) - Restore Building Envelope, Windows & Roof	Preserve historic building envelope. Repair/repair linets, sills and brick veneer. Restore/replace windows, doors and roof and cupola as historically appropriate.	\$ 943,000	38.9	CPA Eligible						
110	Fire Dept	Replace Fire Department SCBA Gear	Replace the department self-contained breathing apparatus (SCBA), purchased in FY 2007.	\$ 350,000	38.3	Other						
111	Fire Dept	Fire Station #1, Newton Corner - Replace Windows & Doors & Repair Masonry	Remove existing windows and replace w/energy efficient insulated units(64ea). Repair and repaint exterior masonry to preserve building envelope.	\$ 386,000	38.3	Bonding					\$ 427,965	
112	Fire Dept	Fire Station #2, West Newton - Replace Ext. Windows & Doors	Remove existing wood windows and replace with new energy efficient insulated windows (40ea).	\$ 87,000	38.3	Bonding					\$ 96,458	
113	Schools	Brown School - Replace Underground Storage Tank	Tank is beyond useful life and needed to ensure safe fuel supply to the building.	\$ 200,000	38.1	Bonding					\$ 221,744	
114	DPW/ Storm	Assessment of Storm System	Assess storm system to determine prioritized list of needed investments for next 10-20 years.	\$ 350,000	38.1	Enterprise Funds					\$ 388,051	
115	DPW	Repace Pearl Street Parking Lot	Repace Pearl Street municipal parking lot which is in poor condition.	\$ 125,000	38.0	Chapt 90/ Alt Funds					\$ 125,000	
116	DPW/ Storm	Laundry Brook Culvert Repairs	Repair of culverts along Laundry Brook to prevent flooding.	\$ 643,000	38.0	Enterprise Funds					\$ 712,906	
117	DPW	Sidewalk Improvements	Improve pedestrian safety. Repair/replace of sidewalks in poor condition and new sidewalks in village centers, school zones, on major roads.	\$ 150,000	37.8	Chapt 90/ Alt Funds					\$ 150,000	
118	DPW	DPW - Replace Large Construction Trucks	Replace vehicles out of service: Vehicle #101 (1993) and #69 (1983) Required for sanding for snow and for construction work.	\$ 300,000	37.8	Bonding					\$ 332,615	

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119	DPW/Water	Replace 2004 Construction Truck	Replacement of existing city vehicle used for construction work on city water mains and for snow removal/sanding operations. Life span of vehicles is 15 yrs (#310).	\$ 130,000	37.8	Enterprise Funds					\$ 144,133	
120	DPW/Water	Replace 2008 Backhoe	Replacement of existing city vehicle/ equipment used in water line repairs and maintenance (#328)	\$ 120,000	37.8	Enterprise Funds					\$ 133,046	
121	Public Buildings	Auburndale Library -Building Envelope and Roof	Repair broken roof slates. Refresh where leaks are occurring. Repair/replace gutters and downspouts. Pitch rain leaders away from bldg. Repair concrete ramp. Grot	\$ 128,000	37.7	CPA Eligible						
122	DPW	Street Paving - Cold Plane and Pave 26 Streets	Deatham, Prince, Berkeley, Cherry, Highland Ave, Grafton, Bald Pate, Waban, Lyman, Lee, Colbert, East Colbert, Oak Cliff, Whittier, Paul, Alleton, Locksley, Botherwood,	\$ 2,984,197	37.7	Chapt 90/ Alt Funds						\$ 2,984,197
123	Schools	Ed Center - Mechanical Upgrades	Replace boiler, second boiler and hot water conversion in out years. Boilers are 35 years old.	\$ 1,000,000	37.6	Bonding						\$ 286,881
124	DPW/ Sewer	Hamlet Street Sewer Pump Station - Replace Pumps	Sewerage is pumped to a higher point and gravity fed to MWRA pipes for treatment. Replace pumps and motors.	\$ 100,000	37.6	Enterprise Funds						\$ 114,752
125	Public Buildings	Replace Underground Storage Tanks at City Buildings	Replace fuel tanks at Fire Station #1 and Fire Station #2. Tanks are beyond useful life.	\$ 100,000	37.5	Bonding						\$ 114,752
126	DPW	DPW - Replace 1997 Backhoe	Replacement of existing city vehicle/ equipment used for street & sidewalk repairs. (#120) at useful life expectancy.	\$ 110,000	37.5	Bonding						\$ 126,228
127	DPW	Parking Improvements	Phased project to upgrade parking meters/install kiosks to take credit cards as well as cash. Repave city parking lot in poor condition (Pearl Street lot).	\$ 250,000	37.4	Chapt 90/ Alt Funds		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
128	Public Buildings	Waban Library-Roofs	Remove slate and install new slate roof, gutters and downspouts.	\$ 252,000	37.4	CPA Eligible						
129	DPW	Crafts St. salt Storage Sheds Replacement	Salt storage sheds at Crafts St. are in state of disrepair; more cost effective to replace rather than repair. Consolidate to one new shed. Include new foundations.	\$ 400,000	37.4	Bonding						\$ 459,009
130	Fire Dept	Replace Fire Dept Pumper Truck (Engine 3)	Replace engine 3 a 2004 Pumper Truck; to be used as spare to replace spare Engine 14, a 1992 pumper that should no longer be used.	\$ 600,000	37.4	Bonding						\$ 688,514
131	DPW/ Water	Clean and Line Water Pipes to Improve Water Quality	Cleaning and lining of water pipes to improve water quality, ensure pipe integrity and capacity. Precedes scheduled roadway paving.	\$ 4,074,600	37.3	Enterprise Funds						\$ 4,675,697
132	Schools	Newton South High School - Fire Alarm Upgrades	Upgrade fire alarm system to be fully addressable.	\$ 150,000	37.3	Bonding						\$ 172,128
133	Schools	Remove/replace Underground Tanks at Oak Hill Middle School	Replace underground tanks that are beyond useful life at Oak Hill Middle School. If possible, convert to gas and remove tanks.	\$ 230,000	37.2	Other						\$ 263,930
134	DPW/ Water	Water Tanks - Remove Stanton Ave. & Windhester St. Water Tanks	Based on hydraulic studies, tanks are no longer needed to maintain water pressure. Structural assessment may be needed.	\$ 600,000	37.2	Enterprise Funds						\$ 688,514
135	Police	Police Annex - Emergency Generator	Replace generator with emergency battery back-up system. Update system for ADA compliance. Upgrade exterior lighting & occupancy sensors.	\$ 140,000	37.1	Bonding						\$ 160,653
136	DPW/ Water	Replace Construction Truck	Replacement of existing city vehicle used for construction work on city water mains and for snow removal/sanding operations. Life span of vehicles is 15 yrs	\$ 130,000	37.1	Enterprise Funds						\$ 149,178
137	DPW	Traffic Light Improvements at Washington Street and Perkins Intersection	Upgrade traffic signal and intersection on Washington St at Perkins Street to improve safety, visibility, and for ADA compliance.	\$ 75,000	37.1	Chapt 90/ Alt Funds						\$ 75,000
138	DPW	Sidewalk Improvements - Provide ADA Access Curb Cuts	Provide curb cuts to comply with federal ADA requirements and to provide safe, accessible means to and from city sidewalks.	\$ 63,500	37.1	CDBG Eligible						

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139	Schools	Ed Center - Accessibility Upgrades	Upgrade elevator, door hardware, and signage for accessibility.	\$ 400,000	37.1	Bonding						\$ 114,752
140	Schools	Burr School - Accessibility Upgrades	Upgrade entrance ramp, elevator, toilet rooms, and door hardware for accessibility.	\$ 300,000	37.1	Bonding						\$ 114,752
141	Schools	Newton South High School - Mechanical Upgrades	Replace air handlers and roof top equipment and remove underground storage tanks.	\$ 375,000	37.1	Bonding						\$ 430,321
142	Parks/Rec	Newton Highlands Playgnd - Ph I Design & Construction	2008 Master Plan for park renovation in 2 phases. Ph I to address drainage problems & build new ball fields and courts. Highly used park.	\$ 1,650,000	37.1	Bonding						\$ 1,893,413
143	DPW	DPW - Replace 1994 Packer Trash Collection Vehicle	Replacement of existing city vehicle/ equipment used for collecting trash/recycling in Parks & Village Centers. (#52)	\$ 150,000	37.1	Bonding						\$ 172,128
144	Parks/Rec	Gath Pool - New Swim Facility Design and Construction	Replace outdated / failing City Pool Facility. Existing bldg naturally vented to outside putting pipes and interior surfaces at risk of failure.	\$ 7,500,000	37.0	Bonding						\$ 573,762
145	Public Buildings	City Hall - Sprinklers and Fire Alarm Upgrades	Plan installation of sprinkler system and addressable fire alarm upgrades in City Hall in conjunction with other building upgrades.	\$ 1,215,000	36.9	Bonding						
146	DPW/ Storm	Pellegrini Park Drain Replacement	Replace existing pipe which has settled and is causing flooding.	\$ 130,000	36.9	Enterprise Funds						\$ 149,178
147	DPW	Sidewalk Improvements	Improve pedestrian safety. Repair/replace of sidewalks in poor condition and new sidewalks in village centers, school zones, on major roads.	\$ 150,000	36.8	Chapt 90/ Alt Funds						\$ 150,000
148	DPW/ Sewer	Replace 2005 Large Construction Vehicles	Replace vehicles/equipment used to haul materials for trenching/backfilling for sewer line repairs. Also used for snow plowing (#356 and #367)	\$ 300,000	36.7	Enterprise Funds						\$ 344,257
149	Police	Police Annex - Exterior Windows & Doors & Building Envelope	Restore/replace windows and doors with historically appropriate energy efficient units. Repoint exterior brick and entry ramp. Repair stone lintels.	\$ 200,000	36.6	CRA Eligible						
150	Library	Newton Free Library - Generator Replacement	Library used as cooling station for residents. Existing energy agreement mandates peak usage on auxiliary power when regional demand is high extreme.	\$ 250,000	36.4	Bonding						
151	Fire Dept	New Fire Dept Combo Lighting / Cascade Truck/ Emergency Rescue Unit.	Truck lights up area during night time operations with a cascade system allowing refill of air tanks at the incident; carries Haz Mat supplies.	\$ 100,000	36.4	Bonding						
152	Public Buildings	City Hall - Roof Repair/Replacement	Install new membrane roof on flat roofs. Repair/replace gutters on balcony roofs. Replace metal roofing and flashing as required.	\$ 1,226,000	36.4	Bonding						
153	Public Buildings	City Hall - Electrical Upgrades	Replace emergency Generator and electrical upgrades.	\$ 225,000	36.3	Bonding						
154	Public Buildings	City Hall - Elevator and Accessibility Upgrades	Current elevator installed in 1976 and does not meet current ADA requirements.	\$ 300,000	36.3	Bonding						
155	Schools	Ward School - Mechanical Upgrades	Hot water conversion and distribution as part of future major renovation. (Could also keep the steam system for approx \$500K). Include in major renovation.	\$ 2,000,000	36.2	Bonding						
156	Schools	Ward School - Accessibility Improvements	Future building renovation will address hardware, toilets, elevator, etc. (stage access, railings signage, water fountains).	\$ 1,480,000	36.2	Bonding						
157	Fire Dept	Fire Station #2, West Newton - Mechanical Upgrades	Remove fuel storage tanks and convert to gas. Other mechanical work to be done as part of future building renovation.	\$ 140,000	36.2	Bonding						
158	Schools	Bowen School - Roof Replacement	Replace of 1950's portion of the building's roofing system as it has reached its life expectancy.	\$ 180,000	36.2	Bonding						

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159	Schools	Mason Rice school - Electrical Upgrades	Replace emergency generator, electrical panels and sub-panels.	\$ 325,000	36.1	Bonding						
160	Schools	Peirce School - Plumbing Upgrades	Sanitary piping is deteriorating. Upgrades to toilet rooms and water fountains	\$ 225,000	36.0	Bonding						
161	Schools	Mason Rice School - Replace Roof	Replace the 1990's Samfill roofing system on the main portion of the building. Existing roof has reached its life expectancy.	\$ 580,000	35.9	Bonding						
162	Schools	Bigelow School - Roof Replacement	Replace entire building roof system. Roof is beyond its useful life.	\$ 750,000	35.9	Bonding						
163	Schools	Burr School - Replace Roof	Replace the total building roofing system installed in the 1980's.	\$ 450,000	35.9	Bonding						
164	Public Buildings	City Hall - Rehabilitate Board of Alderman Chamber	Upgrade Historic Board Chamber to improve mechanical, electrical, audio/visual systems and lighting and interior finishes.	\$ 250,000	35.8	CPA Eligible						
165	DPW/Water	Needham Street - Clean and Line Water Main - Oak to Charlemont	Deferred. Cleaning and lining 760 LF of 8" water main, 1880. This precedes upcoming TIP funded road reconstruction project.	\$ 136,800	35.7	Enterprise Funds						
166	Public Buildings	City Hall - Masonry Repairs/Restoration, Memorial Steps	Implement recommendations from 2007 Study of the Memorial Stairs.	\$ 135,000	35.7	CPA Eligible						
167	DPW/Water	Wolcott St - Replace Water Main at Wolcott St - Webster to Ionia	Deferred due to paving. Replace 1,150 LF of 6" water main with 8", 1905. This precedes scheduled roadway paving.	\$ 230,000	35.6	Enterprise Funds						
168	Schools	Mason Rice School - Mechanical Upgrades	Direct Digital Controls conversion and upgrade heating distribution system.	\$ 450,000	35.6	Bonding						
169	DPW	Elliot St. Garage - Electrical Upgrades	Upgrade / replace egress lighting and exit signage per code. Upgrade audible fire alarm and strobes to ADA compliance. Replace receptacles, conduit, electric panels.	\$ 192,000	35.5	Bonding						
170	Schools	Bowen School - Mechanical Upgrades	Replace interior air handlers in first year. Direct Digital Controls conversion.	\$ 325,000	35.5	Bonding						
171	Fire Dept	Replace Fire Dept Bucket Truck	Replace 1996 FR800 with 165K miles on it. Not cost effective to keep it on the road. Safety components are failing, putting personnel at risk.	\$ 200,000	35.4	Bonding						
172	Public Buildings	Weban Library-Accessibility Upgrades	Upgrade toilet rooms, Replace door hardware. Modify door at stairwell or install automatic door opener.	\$ 110,000	35.4	COBG Eligible						
173	Schools	Burr School - Stenwork Sidewalk Ramp Repairs	Front stair railing collapsing; catch basin at entrance plaza, parking area, make accessible route	\$ 280,000	35.4	Bonding						
174	Schools	Bigelow School - Replace Windows and Doors	Replace aging windows and exterior doors to improve comfort, operation, and energy efficiency.	\$ 400,000	35.4	Bonding						
175	Schools	Underwood School - Accessibility Upgrades	Accessibility upgrades including compliant door hardware, Toilets, and Elevator	\$ 415,000	35.4	Bonding						
176	DPW	Crafts St DPW Operations (Stable) - Interior Renovation	Design and Construction for renovated interior including mechanical, electrical, plumbing, and accessibility upgrades.	\$ 500,000	35.2	CPA Eligible						
177	DPW	Elliot St. Operations Building - Building Envelope	Repair foundation walls and rebuild ramp foundation walls. Repair/replace areaway retaining wall. Repair cracks; repoint mortar joints.	\$ 123,000	35.2	Bonding						
178	DPW	DPW - Replace 1998 Front End Loader	Replacement of existing city vehicle/equipment used to load materials for street & sidewalk repairs. (#104)	\$ 160,000	35.2	Bonding						

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2014	Risk Factor	Funding Source	Prior Year Funding	FY 2014	FY2015	FY2016	FY2017	FY2018
179	Parks/Rec	Crystal Lake Bathhouse - Renovate/Replace	Existing bathhouse is in poor condition and is not accessible. Renovate/Replace bathhouse and improve site.	\$ 5,000,000	35.2	CPA Eligible						
180	Schools	Memorial Spaulding School - Mechanical Upgrades	Replace controls, air handlers. Replace 2nd boiler, hot water conversion, and Direct Digital Controls conversion.	\$ 750,000	35.2	Bonding						
181	Schools	Underwood School - Replace Roof	Replace whole building roof in 2 phases.	\$ 450,000	35.1	Bonding						
182	Schools	Oak Hill School - Mechanical Upgrades - Roof Top Units and Distribution System	Replace roof top air handling units and distribution system	\$ 250,000	35.1	Bonding						
183	Schools	Newton South High School - Electrical Upgrades	Upgrades to Lighting and controls	\$ 150,000	35.1	Bonding						
184	Parks/Rec	Burr Park Field House - Building Envelope and Window Restoration	Repair damaged exterior brick walls and trim. Remove entry landing stairs and railings and install new code-compliant landing, stairs and railings. Restore windows.	\$ 313,500	35.1	CPA Eligible						
185	Parks/Rec	Replace Weeks Playground Tennis Courts	Replace 4 existing tennis courts at Weeks Playground.	\$ 220,000	35.1	Bonding						
186	Parks/Rec	Replace McGrath Playground (Warren) Tennis Courts	Replace 4 existing tennis courts at McGrath Playground (Warren).	\$ 220,000	35.1	Bonding						
187	DPW/Water	Webster St. - Clean and Line Water Main on Webster St.	Deferred due to paving. Waltham to Wolcott (FY14). Cleaning and lining 3,150 Lf of 8" water main, 1932. This precedes scheduled roadway paving.	\$ 759,000	35.1	Enterprise Funds						
188	Parks/Rec	Pellegriini Park field House - Accessibility/ Site Upgrades	Provide accessible toilet rooms, door hardware, signage and a hi-low drinking fountain. Resurface and re-grade path to play area.	\$ 183,500	35.0	CD86 Eligible						
189	Parks/Rec	Emerson Community Center - Accessibility Upgrades	Upgrade toilet rooms, install accessible door hardware and drinking fountains; Resurface main entrance ramp and install handrails.	\$ 209,000	35.0	Bonding						
190	Schools	Williams School - Mechanical Upgrades	Replace Air handlers. Direct Digital Controls conversion for HVAC system.	\$ 200,000	34.9	Bonding						
191	Schools	Underwood School - Mechanical Upgrades	Upgrade Distribution system, controls, and remove underground tank.	\$ 525,000	34.9	Bonding						
192	Public Buildings	City Hall - Repair/Replace Stone Entry Stairs and Accessible Ramp	Rebuild accessible ramp. Repair and repoint stone cornice. Rebuild/reset main entry stairs and install code-compliant railings.	\$ 324,000	34.9	Bonding						
193	Schools	Countryside School - Mechanical Upgrades	Replace RTUs at Annex, Direct Digital Control conversion	\$ 250,000	34.9	Bonding						
194	Schools	Ward School - Mechanical Upgrades	Replace second boiler and steam trap work.	\$ 300,000	34.9	Bonding						
195	Schools	Bigelow School - Mechanical Upgrades	Replace 2nd boiler and associated equipment, distribution and univents. Boilers are 54 years old. Replace one boiler in the first year.	\$ 960,000	34.9	Bonding						
196	Police	Police Annex - Mechanical Upgrades	Replace baseboard heaters in bathrooms. Provide proper ventilation/exhaust in locker rooms and bathrooms. Replace boiler with new high efficiency gas-fired boiler.	\$ 170,000	34.9	Bonding						
197	DPW	DPW - Replace Street Sweeper	Replacement of vehicle taken out of service: Vehicle #148. Dept will not have minimum (6 ea) needed for 4 sweeps/yr efficiently.	\$ 172,000	34.8	Bonding						
198	DPW	Elliot Street Sand, Salt Shed - Structural and Envelope Repairs	Replace wood truss members. Add brace supports at ends to prevent walls from buckling. Repair wood buttresses and extend push wall 10' higher to keep weight of salt off	\$ 142,000	34.8	Bonding						

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2014	Risk Factor	Funding Source	Prior Year Funding	FY 2014	FY2015	FY2016	FY2017	FY2018
199	Public Buildings	Nonantum Library-Mechanical	Replace baseboard heating on first floor. Provide pipe insulation. Replace air handling unit in basement with new controls. Provide exhaust fan, 150 CFM in basement.	\$ 205,000	34.7	Bonding						
200	Fire Dept	Fire Station #1, Newton Corner - Renovation	5th station of 7 buildings to be renovated. Work includes building envelope, interior finishes, mechanical, electrical, plumbing, life/safety, ADA upgrades.	\$ 7,230,000	34.6	Bonding						
201	Schools	Lincoln Eliot School - Mechanical Upgrades	Hot water conversion w/renovation, 2nd boiler and distribution system.	\$ 525,000	34.6	Bonding						
202	Parks/Rec	Emerson Community Center - Mechanical Upgrades	Replace existing cast iron radiators with new steam baseboard units. Remove and replace all old insulation on heating pipes. Potential abatement needed.	\$ 75,000	34.6	Bonding						
203	Parks/Rec	Jeanette Curtis West Rec Ctr (The Hut) Renovation	Rehabilitation of building envelope, mechanical, electrical, plumbing systems, life-safety, and accessibility of this historically significant structure. Houses many programs.	\$ 1,500,000	34.5	CRA Eligible						
204	Public Buildings	Weban Library-Electrical	Replace electrical panel. Replace exterior lighting to improve safety. Replace main electric service and wiring. Upgrade lighting to improve energy efficiency.	\$ 108,000	34.5	Bonding						
205	Fire Dept	Replace Fire Dept Aerial Ladder (Ladder 2)	Replace ladder 2, 15 years old. Maxed out on life expectancy. to be used as spare to replace Spare Ladder 5 a 1985 ladder to be taken out of service.	\$ 1,000,000	34.4	Bonding						
206	Police	Police Annex - Roof Restoration/ Replacement	Remove and replace slate roofing, gutters and downspouts. Install new EPDM Roof. Reattach downspouts.	\$ 250,500	34.4	CRA Eligible						
207	Fire Dept	Fire Station #2, West Newton - Repair Building Envelope	Address structural crack in CMU wall first. Repoint/repair exterior masonry.	\$ 166,000	34.4	Bonding						
208	Parks/Rec	Pellegriini Park Field House - Replace Roofs	Replace lower roofing membrane, gutters and downspouts. Replace upper Gym membrane roof with a new EPDM roof.	\$ 225,000	34.4	Bonding						
209	Health	Health Department Bldg - (Reuse Consideration)	All Health Dept Building Recommended work. Envelope is highest need. Building is in re-use process.	\$ 1,500,000	34.2	CRA Eligible						
210	Schools	Bowen School - Electrical Upgrades	Replace electrical panels and sub-panels in original buildings.	\$ 75,000	34.2	Bonding						
211	Public Buildings	Nonantum Library-Electrical	Upgrade interior lighting and power distribution. Replace electrical panel and main electrical service.	\$ 101,637	34.2	Bonding						
212	Parks/Rec	Tree Crew Log Loader	Current equipment has been in service since 2006. Essential for emergency response and hazardous tree removal.	\$ 240,000	34.1	Other						
213	Parks/Rec	Gath Pool - Electrical and Mechanical Upgrades	Upgrade fire alarm and egress lighting. Replace electrical panels. Install exhaust fans. Replace Heater Pump, piping and fittings.	\$ 142,000	34.0	Bonding						
214	Public Buildings	Kennard Estate - Replace Septic System	Replace Septic System by connecting to City Sewer Infrastructure.	\$ 100,000	34.0	Bonding						
215	Schools	Horace Mann School - Accessibility Upgrades	Upgrade toilet rooms, water fountains and door hardware for accessibility.	\$ 220,000	33.9	Bonding						
216	DPW	DPW - Replace Street Sweeper	Replacement of vehicle taken out of service: Vehicle #148. Dept will not have minimum (6 ea) needed for 4 sweeps/yr efficiently.	\$ 172,000	33.9	Bonding						
217	Public Buildings	City Hall - Increase City Clerk Archive Storage	Develop plans to expand archival storage to accommodate and preserve archival collections and to comply with MGL mandated record storage requirements.	\$ 100,000	33.8	CRA Eligible						
218	Public Buildings	Auburndale Library - Exterior Windows & Doors	Remove existing exterior wood doors and frames and replace with new doors and hardware. Repair/replace building windows.	\$ 127,000	33.8	CRA Eligible						

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219	Public Buildings	Waban Library-Exterior Windows & Doors	Restore exterior wood door and install panic hardware. Replace areaway and rear door. Restore windows.	\$ 118,500	33.6	CPA Eligible						
220	Parks/Rec	Newton Highlands Playground - Phase II Design & Construction	2008 Master Plan for park renovation in 2 phases. Ph II will complete the fields to provide tennis courts and football field.	\$ 1,925,000	33.6	Bonding						
221	Parks/Rec	Lower Falls Community Center - Electrical Upgrades	Upgrade lighting and power distribution. Update fire alarm horn strobes and beacons.	\$ 84,000	33.6	Bonding						
222	DPW	Elliot St. Garage - New Windows and Doors and Envelope Repairs	Replace metal windows and security screens. Remove and replace overhead doors with new insulated overhead doors. Repair exterior brick and at steel window lintels.	\$ 103,000	33.6	Bonding						
223	Schools	Ward School - Electrical Upgrades	Upgrade electrical panels and distribution system.	\$ 210,000	33.6	Bonding						
224	Parks/Rec	Emerson Community Center - Electrical Upgrades	Replace switchboard and increase service size to meet electrical demands. Replace original overloaded electrical panels. Install emergency audio/visual horn strobes.	\$ 108,000	33.6	Bonding						
225	DPW	Commonwealth Avenue (Route 128 to Washington Street) - Preliminary and Final Design	Eliminate deteriorated roadway condition, improve public safety and restore Comm Ave to previous boulevard status. Arterial minor.	\$ 500,000	33.6	Chapt 90/ Alt Funds						
226	DPW	Washington Street (Commonwealth Avenue to Centre Street) - Preliminary and Final Design	Eliminate deteriorated roadway condition and improve public safety. Arterial minor. Federal funds for const only. Design funded by City.	\$ 500,000	33.6	Chapt 90/ Alt Funds						
227	Library	Library Book Autocheckin/ Sorting System	Almost 2 million library materials/r checked in automatically and sorted by material type	\$ 210,000	33.5	Bonding						
228	DPW	DPW - Replace 1984 Do All Large Construction Truck	Replacement of existing city vehicle/ equipment used for street & sidewalk construction and snow removal operations. (#87)	\$ 150,000	33.5	Bonding						
229	Fire Dept	Fire Station #2, West Newton - Renovation	6th station of 7 buildings to be renovated. Work includes mechanical, electrical, plumbing, code compliance and accessibility upgrades.	\$ 7,700,000	33.5	Bonding						
230	DPW	Elliot St. Operations Building - Roof Repair/ Replacement	Remove and replace corrugated fiberglass roof. Repair/replace existing slate roof and add ice shield to prevent ice damming and icicle build-up. Repair/replace gutters.	\$ 235,000	33.5	Bonding						
231	Police	Police Garage - Mechanical Upgrades	Replace ceiling hung unit heaters. Provide bathroom exhaust fan and split air conditioning system. Remove abandoned steam piping to prevent possibility of freezing.	\$ 164,000	33.5	Bonding						
232	DPW	DPW - Replace 1993 Bombadier Sidewalk Plow	Replacement of existing city vehicle/ equipment used to maintain clear sidewalks throughout the City during snow events. (#173)	\$ 125,000	33.5	Bonding						
233	Senior Center	Senior Center - Sprinklers and Fire Alarm Upgrades	Install code-compliant sprinkler system in building in conjunction with any major building upgrade or addition.	\$ 170,000	33.4	Bonding						
234	Public Buildings	City Hall - Plumbing Upgrades	Renovate toilet rooms and replace cold and hot water piping as required. Provide insulation for all piping.	\$ 137,000	33.2	Bonding						
235	Schools	Ward School - Replace Roof	Replace Flat Gym 1980's built up roofing system. It has reached its life expectancy.	\$ 160,000	33.1	Bonding						
236	Schools	Memorial Spaulding School - Replace Roof	Replace 1980's Built up roof area. It has reached its life expectancy.	\$ 350,000	33.1	Bonding						
237	Parks/Rec	Burr Park Field House - Mechanical/Electrical Upgrades	Replace steam boiler, radiators, venting and piping. Replace exterior lighting to improve safety and security. Upgrade interior lighting and original wiring and conduit.	\$ 100,000	33.1	Bonding						
238	Public Buildings	Public Buildings Department-Electrical	Replace electrical distribution panels and main electrical service. Upgrade Telecom and Electrical Infrastructure to BICSI and Electrical code. Replace interior lights to improve	\$ 118,000	33.1	Bonding						

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239	Schools	Bigelow School - Accessibility Upgrades	Upgrade toilet rooms, elevator, door hardware and signage for accessibility	\$ 400,000	33.1	Bonding						
240	Public Buildings	Public Buildings Department-Mechanical	Replace duct mounted steam coils and baseboard heaters. Replace ductwork with insulated ductwork. Provide make up air dampers and control for emergency generator.	\$ 115,000	32.9	Bonding						
241	Parks/Rec	Newton Upper Falls/ Braecland Playground - Design & Construction	Master Plan for park renovation - Construction will include new athletic fields, new play structure and stitework and improvements.	\$ 1,675,000	32.8	Bonding						
242	Senior Center	Senior Center - Exterior Windows & Doors	Restore/Replace wood windows and aluminum storm windows as historically appropriate.	\$ 125,000	32.7	CPA Eligible						
243	Parks/Rec	Pelligrini Park Field House - Exterior Windows & Doors	Replace windows and security screens with new insulated windows and new security screens. Repair and repoint masonry walls and restore murals.	\$ 130,500	32.5	Bonding						
244	Senior Center	Senior Center - Building Envelope	Report exterior masonry walls as required. Repair, reset and regout main granite front stairs. Repair stone veneer at main entry. Rebuild rear right side area way and stairs.	\$ 150,000	32.4	CPA Eligible						
245	Parks/Rec	Burr Park Field House - Accessibility/Site Upgrades	Accessibility upgrades to toilet rooms and fixtures, signage, drinking fountain, and door hardware. Provide accessible path to entrance and an accessible parking space.	\$ 160,500	32.4	Bonding						
246	Public Buildings	Kennard Estate-Building Envelope, Windows and Doors	Replace shingles and flashings. Repair foundation walls. Replace wood windows and shutters with historic, appropriate units.	\$ 240,000	32.3	Bonding						
247	Public Buildings	Auburndale Library -Mechanical Upgrades	Replace boiler with new steam oil-fired boiler. Replace breeching, combustion air dampers and ductwork. Include heating zone and radiators in basement area. Replace	\$ 125,000	32.3	Bonding						
248	Parks/Rec	Pelligrini Park field House - Electrical Upgrades	Upgrade lighting and power distribution for energy efficiency. Provide protective cages over gym fixtures. Replace electric panels.	\$ 176,000	32.1	Bonding						
249	Schools	Lincoln Eliot School - Replace Windows and Doors	Replace windows in 1965 addition and 1975 clerestory windows	\$ 280,000	32.0	Bonding						
250	Fire Dept	Replace Fire Pumper Truck (Engine 7)	Replace Engine 7 pumper truck. Engine 7 will become a spare.	\$ 600,000	32.0	Bonding						
251	Schools	FA Day School - Accessibility Upgrades / Replace Elevator	Upgrades for ADA Compliant elevator, toilet rooms, door hardware, and signage	\$ 350,000	32.0	Bonding						
252	Police	Police Garage - Roof Replacement	Replace PVC roof installed in the 1990's as required. It has reached life expectancy. Repair water diverter above support service door.	\$ 193,000	31.9	Bonding						
253	DPW	Crafts Street Garage - Replace Overhead Garage Doors	Replace ten 25-year old overhead doors and tracks. Replace exterior entrance doors and vestibule doors.	\$ 80,000	31.9	Bonding						
254	Parks/Rec	Replace Parks Dump Truck (replace 1998 truck #430)	Replacement of vehicle that is used daily for maintenance operations that exceeded its useful life span.	\$ 75,000	31.8	Bonding						
255	Schools	Franklin School - Building Envelope	Replace windows and doors and repair/restore masonry.	\$ 700,000	31.7	Bonding						
256	Parks/Rec	Newton Corner Parks & Rec Headquarters - Building Envelope	Repair front entry concrete. Install new side entry stairs and handrails. Remove and replace wood stairs. Install vents throughout balance of soffits.	\$ 114,500	31.3	Bonding						
257	Police	Police Headquarters - Repair Concrete	Repair concrete at the fire range ceiling. Rebuild tunnel ceiling, waterproof, etc. Repair interior CMU and concrete walls. Replace carpet flooring that is a tripping hazard.	\$ 100,000	31.3	Bonding						
258	DPW	Elliot St. Operations Building - Mechanical/ Plumbing Upgrades	Boiler upgrades per code reqs. Replace unit heaters and finned tube heaters. Upgrade bathrooms. Replace water heater.	\$ 169,000	31.3	Bonding						

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259	Schools	Horace Mann School - Restore/Replace Modular	Existing modular is nearing the end of its useful life and will need to be reconditioned or replaced with permanent construction	\$ 1,000,000	31.2	Bonding						
260	Public Buildings	City Hall - War Memorial Auditorium Improvements	Upgrade historic hall to improve mech, elect systems and acoustics. Space under-utilized due to poor acoustics and A/V deficiencies.	\$ 150,000	31.1	CPA Eligible						
261	Fire Dept	Replace Fire Dept 1994 Cube Van W-4	Replace 1994 Ford Cube Van (85,000 miles) for Wires Division which is responsible for city fiber optic, fire alarms, radio and phone systems.	\$ 60,000	30.9	Bonding						
262	Parks/Rec	Auburndale Cove Fieldhouse - Building Upgrades	Project to fully upgrade existing building or replace with new structure.	\$ 206,000	30.7	Bonding						
263	Public Buildings	City Hall - Kitchen Mechanical Upgrades	Repair, upgrade kitchen equipment and stove ventilation in cafeteria kitchen to comply with current code requirements.	\$ 168,000	30.5	Bonding						
264	Parks/Rec	Upper Falls Fieldhouse-Building Upgrades	Upgrade or replace building. Work includes lighting, toilet rooms, roofing and envelope repairs.	\$ 123,000	30.3	Bonding						
265	DPW/Water	Hillside Ave - Ots to Austin	Deferred - Replace 1048 LF of 6" water main with 8", 1877. This precedes scheduled roadway paving.	\$ 209,600	30.2	Enterprise Funds						
266	Schools	Franklin School - Mechanical Upgrades	Replace boilers, hot water conversion, and Direct Digital Control conversion.	\$ 825,000	30.2	Bonding						
267	Schools	Bowen School - Accessibility Upgrades	Upgrades to toilet rooms, signage, hardware, railings and assembly spaces for accessibility.	\$ 200,000	30.1	Bonding						
268	Schools	Franklin School - Accessibility and Plumbing Upgrades	Upgrade Toilet rooms, Water fountains, Door hardware and signage for accessibility.	\$ 365,000	30.1	Bonding						
269	Schools	Mason Rice School - Accessibility Upgrades	Upgrade hardware, toilet rooms, and water fountains for accessibility.	\$ 185,000	30.1	Bonding						
270	Schools	Memorial Spaulding School - Accessibility Upgrades	Upgrade toilet rooms, door hardware, water fountains, and signage for accessibility.	\$ 300,000	30.1	Bonding						
271	Schools	Lincoln Elliot School - Accessibility Upgrades	Upgrade toilet rooms, door hardware, elevator, entrance ramp, and signage for accessibility.	\$ 940,000	30.1	Bonding						
272	DPW	Engineering Map Scanning Project Phase II	Phased project. Current maps are deteriorating rapidly. A new storage system would allow DPW to store maps after scanning.	\$ 900,000	30.1	CPA Eligible						
273	Parks/Rec	Newton Corner Parks & Rec Headquarters - Site/ Accessibility Upgrades	Re-build the main entry ramp to be code compliant. Make ADA door opening device fully functioning.	\$ 86,000	30.0	CD86 Eligible						
274	Police	Police Annex - Accessibility Upgrades	Provide accessible toilet rooms, door hardware, signage and drinking fountain. Provide a lower transaction counter.	\$ 83,500	30.0	CD86 Eligible						
275	DPW	Elliot St. Operations Building - Replace Windows & Doors	Remove and replace windows. Replace overhead doors. Replace exterior and interior doors.	\$ 80,000	29.9	Bonding						
276	DPW	Crafts St. Quonset Hut Replacement	Replace Quonset Hut at Crafts St. with new facility. Covered storage extends life of vehicles and equipment	\$ 350,000	29.8	Bonding						
277	Schools	Underwood School - Electrical Upgrades	Upgrades to electrical panels and sub-panels and emergency generator	\$ 100,000	29.6	Bonding						
278	Schools	Williams School - Accessibility Upgrades	Upgrade door hardware, openings, toilet rooms, railings, and signage for accessibility.	\$ 250,000	29.6	Bonding						

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279	Senior Center	Senior Center - Roof Restoration/ Replacement	Restore/replace existing slate roof, gutters, and downspouts. Replace existing flat roof with new membrane roof and provide proper roof drains.	\$ 244,000	29.6	CPA Eligible						
280	Parks/Rec	Lower Falls Community Center - Replace Gym Floor	Replace gym floor with new wood flooring. Replace damaged carpeting and VCT flooring.	\$ 80,000	29.3	Bonding						
281	Police	Police Garage - Accessibility/Site Upgrades	Provide accessible door hardware, signage and code-compliant lower counters. Install accessible employee toilet room.	\$ 80,000	28.9	COBG Eligible						
282	Parks/Rec	Replace Cold Spring Park Tennis Courts	Replace 3 existing tennis courts at this location. Courts have deteriorated.	\$ 150,000	28.7	Bonding						
283	Parks/Rec	Replace Halloran Field Athletic Lighting (Albemarle)	Replace the athletic lighting at the City's premier athletic complex	\$ 150,000	28.4	Bonding						
284	Police	Police Garage - Electrical Upgrades	Connect Garage to generator. Upgrade interior and exterior lighting for energy. Replace conduit, wiring, distribution panel. Upgrade smoke/fire detection system.	\$ 207,000	28.4	Bonding						
285	Schools	Peirce School - Accessibility Upgrades	Upgrades to door hardware, toilet rooms, railings, and signage for accessibility.	\$ 300,000	28.4	Bonding						
286	Public Buildings	Nonantum Library-Roofs and Building Envelope	Remove and replace slate roof. Install new gutters and downspouts. Remove and replace existing flat roof.	\$ 200,000	28.3	CPA Eligible						
287	Parks/Rec	Newton Corner Parks & Rec Headquarters - Roof Restoration/ Replacement	Replace/restore slate roof as historically appropriate.	\$ 75,500	27.5	CPA Eligible						
288	Jackson Homestead	Jackson Homestead - Object Collection Storage	Create offsite climate controlled space with fire protection to house museum collections. Currently no space to manage add'l materials.	\$ 100,000	27.5	CPA Eligible						
289	DPW	Crafts Street Garage - Site Upgrades	Install accessible ramp at entrance. Provide accessible toilet rooms. Resurface and re-grade pavement to comply with ADA requirements. Provide accessible parking space.	\$ 194,000	26.7	Bonding						
290	Schools	Lincoln Eliot School - Electrical Upgrades	Replace electric panels and sub-panels.	\$ 125,000	26.7	Bonding						
291	Public Buildings	Auburndale Library - Electrical Upgrades	Electrical and lighting upgrades for code compliance and to improve energy efficiency. Replace electric panel.	\$ 86,607	26.5	Bonding						
292	Public Buildings	Public Buildings Department-Roofs	Paint corrugated metal shed roof. Install new roof shingles. Paint rafter ends and plywood. Remove skylights and replace with solar light tubes.	\$ 97,000	26.5	Bonding						
293	Police	Police Garage - Windows & Doors and Building Envelope	Replace overhead doors and glass block windows. Replace door to planning/research and glass block wall. Repair masonry veneer exterior. Repair step cracking in CMU	\$ 140,000	26.4	Bonding						
294	Fire Dept	Replace Fire Dept Pumper Truck (Engine 4)	Replace Engine 4. A 2010 Dumper. Engine 4 will become a spare.	\$ 600,000	26.2	Bonding						
295	Schools	Peirce School - Electrical Upgrades	Replace electric panels and sub-panels.	\$ 75,000	26.1	Bonding						
296	Schools	Zervas School - Plumbing Upgrades	Upgrades toilet rooms and water fountains.	\$ 100,000	26.1	Bonding						
297	Schools	Burr School - Electrical Upgrades	Replace electric panels and sub-panels	\$ 100,000	26.1	Bonding						
298	Parks/Rec	Replace Cabot Park Tennis Courts	Replace two existing tennis courts at Cabot Park.	\$ 100,000	26.0	Bonding						

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299	DPW	Elliott St. Operations Building - Accessibility/Site	Restripe pavement and provide parking signage to create accessible parking spaces; construct an accessible entrance to the building.	\$ 85,000	26.0	Bonding						
300	Schools	Countryside School - Plumbing Upgrades	Upgrade toilet rooms and water fountains, and add fixtures per code requirements.	\$ 125,000	26.0	Bonding						
301	Public Buildings	Weban Library-Building Envelope and Entrance	Replace main entry walk and foundation walls and install railing. Rebuild side stairs at main entry. Rebuild stairs at rear entry. Install hand rail on one side of rear entry.	\$ 200,000	25.8	CRA Eligible						
302	Schools	Horace Mann School - Mechanical Upgrades	Replace 2nd boiler and replace modular roof top air handling units	\$ 300,000	25.7	Bonding						
303	DPW/ Water	DPW-Water/Utilities Department - Accessibility Upgrades	Entrance ramp, toilet room and water fountain upgrades, door hardware, lift, etc to improve accessibility.	\$ 240,000	25.7	Enterprise Funds						
304	Schools	Ward School - Replace Windows and Doors	Replace windows in gym wing and storefront system.	\$ 425,000	25.6	Bonding						
305	Public Buildings	Kennard Estate-Accessibility/Site	Provide accessible parking spaces and install accessible entrance ramp.	\$ 127,350	25.5	Other						
306	Schools	Countryside School - Replace Windows and Doors	Replace single pane storefront system in connector and annex windows and exterior doors.	\$ 500,000	25.3	Bonding						
307	Schools	Brown School - Accessibility Upgrades	Upgrade existing elevator for code compliance, signage, hardware, and reconfigure locker rooms for accessibility.	\$ 600,000	24.8	Bonding						
308	Schools	Countryside School - Accessibility Upgrades	Upgrade toilets, signage, door hardware, and accessible entrance.	\$ 150,000	24.8	Bonding						
309	Jackson Homestead	Jackson Homestead - Exterior Windows & Doors	Restore existing windows and doors as historically appropriate.	\$ 192,000	24.8	CRA Eligible						
310	Fire Dept	Fire Dept Equipment Replacement	Replace firefighters personal turnout gear. NFPA Standard is to replace every 10 yrs, now 3 yrs old. Best to replace incrementally instead of all at once.	\$ 400,000	24.7	Bonding						
311	DPW/ Storm	Repair Builoughs Pond Sluice Gate	Repair poorly functioning gate valve used to regulate water storage capacity in City Hall ponds for stormwater.	\$ 60,000	24.1	Enterprise Funds						
312	Public Buildings	Nonantum Library-Accessibility/Site	Reconfigure entry vestibules and reconstruct ADA compliant ramp; Upgrades for toilet rooms and drinking fountain.	\$ 204,000	23.9	CDBG Eligible						
313	Schools	Schools - Repave Parking Areas	Repave parking areas and sidewalks in poor condition at Ward, Brown, Underwood, Mason Rice, Oak Hill, Williams, Zervas and Pezce.	\$ 400,000	23.7	Bonding						
314	Fire Dept	Replace Fire Dept Aerial Ladder (Ladder 3)	Replace ladder 3. 15 years old. Ladder 3 becomes a spare, replacing spare Ladder 4.	\$ 1,000,000	23.5	Bonding						
315	Parks/Rec	City Hall and War Memorial Historic Landscape Preservation Project	Restoration and preservation of City Hall grounds Historic landscape	\$ 1,500,000	23.4	CRA Eligible						
316	Parks/Rec	Replace Newton South High School Tennis Courts	Replace existing courts at this location and lighting. Consider Private-Public Partnership.	\$ 750,000	23.3	Bonding						
317	DPW	New DPW Equipment Shelter - Elliott St	Provide covered storage for vehicles and equipment. Covered storage extends life of vehicles and equipment.	\$ 150,000	23.2	Bonding						
318	Jackson Homestead	Restoration of Historic East Burying Grounds	Preservation of remaining 24 Tombs in two of the three burying grounds. Priority to South, then East Parish, then West Parish sites.	\$ 148,135	22.5	CRA Eligible						