



City of Newton, Massachusetts
Office of the Mayor

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April 14, 2014

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

Re: Updated FY15-FY19 Capital Improvement Plan (CIP)

Ladies and Gentlemen:

I submit for your approval, the FY15-19 CIP as updated. In October 2013, the CIP was submitted for your review and public hearing. Since that time, we have posted the document on the website, discussed the various projects with the public and the Honorable Board, and made adjustments based on additional information. In time to vote the FY15 budget, I am providing this updated version so that you have the most current priorities of our buildings, roads, parks, and motorized equipment.

Enclosure A provides the summary of the nine projects reviewed by the CIP Steering Committee and either added or altered in the FY15-19 CIP. Additionally, a completely updated CIP is provided illustrating the relative priorities to all projects. For your convenience, the most up-to-date version of the CIP is posted on our City's website under the Building Department's "Capital Improvement Plan", sorted by priority, funding source, and asset type.

Thank you for your consideration of this important matter.

Sincerely,

Setti D. Warren
Mayor

Encl.

Cc: Dori Zaleznik, Chief Administrative Officer
Maureen Lemieux, Chief Financial Officer

RECEIVED
Newton City Clerk
2014 APR 14 PM 5:44
David A. Olson, CMC
Newton, MA 02459

Changes to FY15-FY19 CIP

#403-13 April 14, 2014

<u>Project</u>	<u>Department</u>	<u>Description</u>	<u>Est Cost (FY15)</u>	<u>Priority</u>
Lighting on City Hall Grounds (NEW)	Parks and Recreation	Install pedestal lighting on the outer perimeter circle drives both at the front of the Hall and the War Memorial for safety/security.	\$150,000	5
Improvements to City Hall War Memorial	Buildings	Heating, Cooling, Electrical and Plumbing to enhance the public use of the facility year round	\$150,000	6
Energy Reduction Measures in City Buildings	Buildings	Energy modifications in lighting, heating systems, and building envelope to conserve energy and provide for improved comfort level of occupants.	\$5,000,000	7
Heavy Construction Trucks	DPW	Change in 2 vehicle types and cost (+\$30,000)	\$340,000	20
Manet Road Reservoir Acquisition	Parks and Recreation	State surplus of the reservoir and passage of Home Rule to allow the City first right of refusal for acquisition. Intention is to create a community park and open space resource	\$800,000	24
10 Wheel Construction Truck	DPW/Sewer	Change in vehicle type and cost (-\$60,000)	\$180,000	25
Solar Panel Installation on City Hall (NEW)	Buildings	Provide clean energy for approximately half of the demand for electricity consumed at City Hall (48kW).	\$220,000	29
Cystal Lake Community Center	Parks and Recreation	Replacement of the 1950 bath house with a year round facility for community events and meetings.	\$8,000,000	138
Farlow and Cafflin Parks Historic Landscape Preservation Plan	Parks and Recreation	Change in priority due to savings in irrigation	\$640,000	205

FY2015-2019 CIP by Priority

BUDGET DISTRIBUTION													ESCALATED COSTS (Costs in FY2016-2019 are escalated 3.5% a year)				
Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2015	Risk Factor	Funding Source	Prior Year Funding	3.5% Cost Escalation Factor Used					Total	Total	Total	Total	Total
								FY2015	FY2016	FY2017	FY2018	FY2019	\$ 54,479,015	#VALUE!	#VALUE!	#VALUE!	#VALUE!
1	Schools	Angier School Replacement	\$11M anticipated from MSBA. Renovate/replace 92 yr old school due to poor condition, aging bldg systems and inadequate space per State Ed standards.	\$ 37,500,000	63.1	Bonding /MSBA	\$ 2,500,000	\$ 19,500,000	\$ 15,500,000	\$ -			\$ 19,500,000	\$ 16,042,500			
2	Fire Dept	Fire Station #3 & HQs - Renovate/Replace Newton Centre Station	Station #3 needs major repairs/upgrades. Co-located w/ Fire HQs. Upgrade systems for code compliance, access & female firefighters.	\$ 15,386,000	55.1	Bonding	\$ 500,000	\$ 2,000,000	\$ 7,500,000	\$ 5,386,000			\$ 2,000,000	\$ 7,762,500	\$ 5,769,618		
3	Fire Dept	Fire Station #10 & Wires Div (Dedham St) rebuild w/added training facility for confined space	Project addresses aging building systems, code upgrades, access and accommodations for female firefighters. Wires Division merged @ \$2.1M. Confined space training added.	\$ 6,372,000	50.3	Bonding	\$ 1,000,000	\$ 5,372,000					\$ 5,372,000				
4	Schools	Cabot School Renovation	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.	\$ 45,000,000	50.0	Bonding /MSBA		\$ 1,000,000	\$ 2,500,000	\$ 25,000,000	\$ 16,500,000		\$ 1,000,000	\$ 2,587,500	\$ 26,780,625	\$ 18,293,845	
5	Parks/Rec	Pedestal Perimeter Lighting at City Hall	Perimeter lighting is deficient at both the front and rear circular drives where residents and employees exit during hours of darkness.	\$ 150,000	49.6	Bonding		\$ 150,000					\$ 150,000				
6	Public Buildings	War Memorial Improvements	Improve heating, cooling and plumbing of the War Memorial for use year round for public events.	\$ 150,000	49.2	Bonding		\$ 150,000					\$ 150,000				
7	Public Buildings	Energy Efficiency Upgrades to City/School Buildings	Project includes energy conservation measures at Library, Franklin, Underwood, Cabot Schools thru NSTAR preferred vendor program.	\$ 5,500,000	49.1	Energy Stabilztn Fund	\$ 500,000	\$ 5,000,000					\$ 5,000,000	#VALUE!	#VALUE!	#VALUE!	#VALUE!
8	Schools	Zervas School - Renovation/ 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	\$ 40,000,000	48.6	Bonding /MSBA	\$ 1,000,000	\$ 5,000,000	\$ 25,000,000	\$ 9,000,000			\$ 5,000,000	\$ 25,875,000	\$ 9,641,025		
9	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	\$ 3,337,875					\$ 3,337,875				
10	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.	\$ 4,356,315	48.3	Enterprise Funds		\$ 4,356,315					\$ 4,356,315				
11	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		\$ 500,000	\$ 300,000	\$ 300,000			\$ 500,000	\$ 310,500	\$ 321,368		
12	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		\$ 300,000					\$ 300,000				
13	DPW	Street Paving - Cold Plane and Pave 20 Streets	Roads include Lowell, Melrose, Staniford, Freeman, Lake, Crystal, Berwick, Oak, Grove, Central, Bridge, Temple, Walnut, Linwood, Walnut Pl, Newtonville, Daniel, Ridge,	\$ 3,032,150	47.6	Chapt 90/ Alt Funds		\$ 3,032,150					\$ 3,032,150				
14	DPW/ Sewer	Sewer Inflow /Infiltration Project - Chestnut Hill Area	Part of 12 yr \$49.1 M 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		\$ 1,257,525	\$ 5,252,625				\$ 1,257,525	\$ 5,436,467			
15	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.	\$ 150,000	47.1	Bonding		\$ 150,000					\$ 150,000				
16	DPW/ Water	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.	\$ 77,650	47.0	Enterprise Funds		\$ 77,650					\$ 77,650				
17	Fire Dept	Fire Station #1, Newton Corner - Replace Emergency Generator	Replace emergency electrical generator (30KW, 208V/120V, 3-Phase, 4-Wire) and transfer switch which are at the end of their useful lives.	\$ 127,500	46.9	Bonding		\$ 127,500					\$ 127,500				
18	DPW/ Water	Replace Water-Sewer Construction Truck	Replacement of 2002 city vehicle used for construction work on City water mains and for snow removal/sanding operations. Life span of vehicles is 15 yrs (#311).	\$ 135,000	46.5	Enterprise Funds		\$ 135,000					\$ 135,000				
19	DPW/ Storm	Cheesecake 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	\$ 25,000	\$ 100,000	\$ 175,000				\$ 100,000	\$ 181,125			
20	DPW	DPW - Replace Large Construction Trucks	Replace 2 vehicles taken out of service: Vehicle #73 and #40. Unibody with wingplow- Required for snow and for construction work.	\$ 340,000	46.3	Bonding		\$ 340,000					\$ 340,000				
21	Parks/Rec	Newton Centre Playground- last phase of 6 phase accessibility project	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	CDBG Eligible	\$ 45,000	\$ 45,000					\$ 45,000				
22	Public Buildings	City Hall - Plumbing and Accessibility Improvements	Upgrade toilet rooms for improved accessibility as required by code.	\$ 105,000	45.9	Bonding		\$ 105,000					\$ 105,000				
23	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	45.8	Chapt 90/ Alt Funds		\$ 150,000					\$ 150,000				
24	Parks/Rec	Purchase Manet Road MWRA Reservoir	Five acre parcel located at Manet Road has been surplus by the MWRA in January 2013. State legislation filed to allow purchase. Interest by the community to retain open	\$ 850,000	45.8	CPA Eligible	\$ 30,000	\$ 820,000					\$ 820,000				
25	DPW/ Sewer	Replace Large Construction 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		\$ 240,000					\$ 240,000				
26	DPW	Traffic Light Improvements on Washington St Intersections (W Newton)	Upgrade traffic signals on Washington St at Waltham/Watertown/Chestnut/Cherry/Highland intersections to improve safety, visibility.	\$ 138,000	45.7	Chapt 90/ Alt Funds		\$ 138,000					\$ 138,000				
27	DPW/ Storm	Repair Hammond St Drain	Storm drain pipe has partially collapsed and requires repair to prevent flooding.	\$ 210,000	45.6	Enterprise Funds		\$ 210,000					\$ 210,000				
28	DPW/ Water	Water Pump - Repair pump in concert with Fire Station 10 project on Dedham St	Replace 60 hp pump in Fire Station #10; boosts water pressure in high areas of City. Pumps fill Oak Hill Tank. Coord w/constrct.	\$ 100,000	45.6	Enterprise Funds		\$ 100,000					\$ 100,000				

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2015	Risk Factor	Funding Source	Prior Year Funding	FY2015	FY2016	FY2017	FY2018	FY2019	FY2015	FY2016	FY2017	FY2018	FY2019		
29	Public Buildings	Solar Collectors on City Hall	Electricity generation from solar panels installed on the south facing roof of City Hall. Anticipated about 40kW system or about 50% of the bldg load.	\$ 220,000	45.6	Bonding		\$ 220,000					\$ 220,000						
30	DPW	Street Paving - Cold Plane and Pave 21 Streets	Streets include Vernon, Eldredge, Elmwood, Beacon, Pembroke, Durant, Hanson, Bishopsgate, Hammondswood, Monadnock, Otis, Adams, Circuit, Converse, Rutliff.	\$ 3,200,000	45.6	Chapt 90/ Alt Funds			\$ 3,200,000					\$ 3,312,000					
31	DPW	Handicap curbcut access to sidewalks	Provide appropriate curb cuts to comply with federal ADA requirements and to provide safe, accessible means to and from City sidewalks.	\$ 65,000	45.5	CDBG Eligible		\$ 65,000					\$ 65,000						
32	Fire Dept	Replace Fire Dept Pumper Truck in Newton Corner (Engine 1)	Replace 1999 Pumper Truck exceeding NFPA 15-yr life expectancy; will replace a 1992 spare engine.	\$ 650,000	45.4	Bonding			\$ 650,000					\$ 672,750					
33	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.	\$ 4,321,500	45.1	Enterprise Funds			\$ 4,321,500					\$ 4,472,753					
34	Schools	Ed Center - Electrical Upgrades	Upgrade electric service, panels and sub-panels to support IT server room and other building functions.	\$ 242,000	44.6	Bonding			\$ 242,000					\$ 250,470					
35	DPW/ Sewer	Sewer Inflow /Infiltration Project - Newton Centre	Part of 12 yr \$49.1 M program to remove excess inflow and infiltration into sewer system. Design (FY16) and constr (FY17) for Newton Centre area.	\$ 4,370,000	44.3	Enterprise Funds		\$ 610,000	\$ 3,760,000					\$ 631,350	\$ 4,027,806				
36	Schools	Education Center - Exterior Masonry Work	Repair, repoint and clean exterior masonry. This is Phase II of work begun in FY13.	\$ 200,000	44.1	Bonding	\$ 80,000		\$ 120,000					\$ 124,200					
37	Public Buildings	City Hall - Envelope - Masonry Repairs	On-going program to repair and repoint exterior masonry to preserve building envelope. Address worst areas first.	\$ 253,000	44.0	Bonding	\$ 120,000		\$ 133,000					\$ 137,655					
38	Fire Dept	Fire Station #1 (Newton Corner) - Replace Tanks	Remove diesel and heating oil tanks, replace with tanks from Countryside Schl. Abate room. Gas conversion and other mech. work in future renovation work.	\$ 80,000	43.8	Bonding			\$ 80,000					\$ 82,800					
39	Schools	FA Day School - Replace Boilers	Replace two 60 year old boilers and variable air volume (VAV) coil work.	\$ 495,000	43.8	Bonding			\$ 388,000	\$ 107,000				\$ 401,580	\$ 114,621				
40	DPW	DPW - Replace 1985 Excavator	Replacement of existing city vehicle/ equipment used for street & sidewalk repairs. (#110) Beyond useful life expectancy.	\$ 280,000	43.8	Bonding			\$ 280,000					\$ 289,800					
41	DPW/ Sewer	Prairie Avenue Sewer Pump Station	Station built 1950, rehabbed in 1992. Contains 2 (5 hp) pumps. Replace wet well.	\$ 110,000	43.7	Enterprise Funds			\$ 110,000					\$ 113,850					
42	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			\$ 270,000	\$ 155,000				\$ 279,450	\$ 166,040				
43	Parks/Rec	Pelligrini Park Field House - Mechanical Upgrades	Replace boiler, remove underground storage tank. Convert to gas, provide new heating controls, fans and heaters in future.	\$ 160,000	43.6	Bonding			\$ 160,000					\$ 165,600					
44	Schools	Horace Mann School - Replace Roof	Replace Total Building 1986 Built up roof area. Roof has reached its life expectancy.	\$ 400,000	43.5	Bonding			\$ 400,000					\$ 414,000					
45	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		\$ 500,000	\$ 525,000				\$ 500,000	\$ 543,375					
46	DPW	Traffic Light Improvements at Watertown @ Adams/Chapel St Intersection	Upgrade traffic signal and intersection at Watertown and Adams/Chapel Rd to improve safety and visibility.	\$ 248,000	42.0	Chapt 90/ Alt Funds			\$ 248,000					\$ 256,680					
47	DPW	Traffic Light Improvements at Cherry @ Webster/Derby St Intersection	Upgrade traffic signal and intersection at Cherry and Webster/Derby St to improve safety and visibility.	\$ 210,000	42.0	Chapt 90/ Alt Funds			\$ 210,000					\$ 217,350					
48	Fire Dept	Replace Fire Dept Bucket Truck	Replace 1996 F800 with 165K miles on it. Not cost effective to keep it on the road. Safety components are failing, putting personnel at risk.	\$ 220,000	41.8	Other			\$ 220,000					\$ 227,700					
49	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					\$ 155,250					
50	DPW/ Sewer	Replace Sewer Jet Truck	Replace 2001 vehicle/ equipmt used to haul materials for treching / backfilling for sewer line repairs. Also used for snow removal. (#365)	\$ 240,000	41.0	Enterprise Funds			\$ 240,000					\$ 248,400					
51	DPW/ Water	Replace Heavy Construction Truck	Replacement of 2004 truck 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			\$ 130,000					\$ 134,550					
52	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					\$ 258,750					
53	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			\$ 150,000					\$ 155,250					
54	IT	City Emergency Operations Center	Design/construct a state-of-the-art response center in conjunction with HQs Fire Station. Technology center for detailed information for emergency incidents from which	\$ 250,000	40.8	Bonding			\$ 650,000					\$ 252,372					
55	Schools	Bigelow School - Mechanical Upgrades	Two boilers are 54 years old and beyond their useful life. Replace one boiler, storage, and enhance circulation system.	\$ 450,000	40.8	Bonding				\$ 450,000					\$ 482,051				
56	DPW	Handicap curbcut access to sidewalks	Provide appropriate curb cuts to comply with federal ADA requirements and to provide safe, accessible means to and from City sidewalks.	\$ 63,500	40.5	CDBG Eligible				\$ 63,500					\$ 68,023				
57	DPW	Streetslights - 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			\$ 234,000						\$ 242,190				
58	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				\$ 400,000						\$ 428,490			

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2015	Risk Factor	Funding Source	Prior Year Funding	FY2015	FY2016	FY2017	FY2018	FY2019	FY2015	FY2016	FY2017	FY2018	FY2019
59	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.	\$ 4,018,000	40.2	Enterprise Funds				\$ 4,018,000					\$ 4,304,182		
60	DPW/ Sewer	Sewer Inflow/Infiltration Project - Nonantum Area	Part of 12 yr \$49.1 M program to remove excess inflow and infiltration into sewer system. Design (FY17) and constr (FY18) for Nonantum area.	\$ 4,500,000	40.2	Enterprise Funds				\$ 600,000	\$ 3,900,000				\$ 642,735	\$ 4,324,000	
61	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				\$ 150,000					\$ 160,684		
62	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				\$ 217,000					\$ 232,456		
63	DPW	Traffic Light Improvements at Dedham @ Nahanton St Intersection	Upgrade traffic signal and intersection at Watertown and Adams/Chapel Rd to improve safety and visibility.	\$ 219,000	39.7	Chapt 90/ Alt Funds				\$ 219,000					\$ 234,598		
64	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, Kilburn, Vine, Fuller, Town House Dr, Mill,	\$ 3,100,000	39.6	Chapt 90/ Alt Funds				\$ 3,100,000					\$ 3,320,798		
65	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	39.3	Bonding				\$ 163,000					\$ 174,610		
66	DPW	Replace Gath/Albemarle Foot Bridge	Footbridge structure (steel and abutment) is in poor condition and is not wheelchair accessible.	\$ 150,000	39.2	CDBG Eligible				\$ 150,000					\$ 160,684		
67	DPW	Map Scanning Project for Engineering: 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				\$ 100,000					\$ 107,123		
68	DPW	Crafts St DPW Operations (Stable) - Restore Building Envelope, Windows & Roof	Preserve historic building envelope. Repoint/repair lintels, sills and brick veneer. Restore/replace windows, doors and roof and cupola as historically appropriate.	\$ 943,000	38.9	CPA Eligible				\$ 943,000					\$ 1,010,165		
69	DPW/ Sewer	Quinobequin 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.	\$ 420,000	38.9	Enterprise Funds	\$ 120,000			\$ 150,000	\$ 150,000				\$ 160,684	\$ 166,308	
70	Fire Dept	Replace Fire Department SCBA Gear	Replace the department Self-Contained Breathing Apparatus (SCBA), purchased in FY 2007.	\$ 350,000	38.3	Other				\$ 350,000					\$ 374,929		
71	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 repoint exterior masonry to preserve building envelope.	\$ 386,000	38.3	Bonding				\$ 386,000					\$ 413,493		
72	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				\$ 87,000					\$ 93,197		
73	DPW	Repave Pearl Street Parking Lot	Repave Pearl Street municipal parking lot which is in poor condition.	\$ 125,000	38.0	Chapt 90/ Alt Funds				\$ 125,000					\$ 133,903		
74	DPW/ Storm	Laundry Brook Culvert Repairs	Repair of culverts along Laundry Brook to prevent flooding.	\$ 643,000	38.0	Enterprise Funds				\$ 643,000					\$ 688,798		
75	Schools	Newton South High School - Mechanical Upgrades	Replace air handlers and roof top equipment, replace hydronic/ACCU system due to burner failures and outdated controls.	\$ 400,000	37.8	Bonding				\$ 400,000					\$ 428,490		
76	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	37.8	Chapt 90/ Alt Funds				\$ 150,000					\$ 160,684		
77	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				\$ 300,000					\$ 321,368		
78	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				\$ 130,000					\$ 139,259		
79	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				\$ 120,000					\$ 128,547		
80	Public Buildings	Newton South High School- Controls for HVAC and recommissioning	Install Delta Controls which are incompatible with newer technology. Improve efficiencies by balancing air supply and hydronic systems.	\$ 500,000	37.8	Bonding				\$ 500,000					\$ 535,613		
81	Public Buildings	Auburndale Library - Building Envelope and Roof	Repair broken roof slates. Reflash where leaks are occurring. Repair/replace gutters and downspouts. Pitch rain leaders away from bldg. Repair concrete ramp. Grout	\$ 128,000	37.7	CPA Eligible				\$ 128,000					\$ 141,916		
82	DPW	Street Paving - Cold Plane and Pave 26 Streets	Dedham, Prince, Berkeley, Cherry, Highland Ave, Grafton, Bald Pate, Waban, Lyman, Lee, Colbert, East Colbert, Oak Cliff, Whittier, Paul, Allerton, Locksley, Rotherwood,	\$ 2,900,000	37.7	Chapt 90/ Alt Funds				\$ 3,200,000					\$ 3,547,897		
83	Schools	Ed Center - Mechanical Upgrades	Replace boiler, second boiler and hot water conversion in out years. Boilers are 35 years old.	\$ 250,000	37.6	Bonding				\$ 250,000					\$ 277,179		
84	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				\$ 100,000					\$ 110,872		
85	DPW	Handicap curbcut access to sidewalks	Provide appropriate curb cuts to comply with federal ADA requirements and to provide safe, accessible means to and from City sidewalks.	\$ 63,500	37.5	CDBG Eligible				\$ 63,500					\$ 70,404		
86	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				\$ 110,000					\$ 121,959		
87	Public Buildings	Waban Library-Roofs	Remove slate and install new slate roof, gutters and downspouts.	\$ 252,000	37.4	CPA Eligible				\$ 252,000					\$ 279,397		
88	IT	Consolidated Data Center	Provide a secure, environmentally controlled environment for equipment necessary to support City operations in efficient manner.	\$ 250,000	37.4	Bonding				\$ 450,000					\$ 498,923		

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2015	Risk Factor	Funding Source	Prior Year Funding	FY2015	FY2016	FY2017	FY2018	FY2019	FY2015	FY2016	FY2017	FY2018	FY2019
89	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					\$ 600,000					\$ 665,231	
90	Public Buildings	City Hall - Roof Repair/Replacement	Install new membrane roof on flat roofs. Repair/replace gutters on balcony roofs. Replace metal roofing/flushing as req'd.	\$ 226,218	37.3	Bonding					\$ 226,218					\$ 250,812	
91	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					\$ 4,074,600					\$ 4,517,582	
92	Schools	Newton South High School - Fire Alarm Upgrades	Upgrade fire alarm system to be fully addressable.	\$ 150,000	37.3	Bonding					\$ 150,000					\$ 166,308	
93	DPW/ Water	Water Tanks - Remove Stanton Ave. & Winchester 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					\$ 600,000					\$ 665,231	
94	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					\$ 140,000					\$ 155,221	
95	DPW	Traffic Light Improvements at Harvard Street at Newtonville St Intersection	Upgrade traffic signal and intersection on Harvard St at Newtonville Street to improve safety, visibility.	\$ 81,000	37.1	Chapt 90/ Alt Funds					\$ 81,000					\$ 89,806	
96	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					\$ 130,000					\$ 144,133	
97	DPW	Traffic Light Improvements at Pearl Street at Jackson St Intersection	Upgrade traffic signal and intersection on Pearl at Jackson Street to improve safety, visibility and ADA compliance.	\$ 81,000	37.1	Chapt 90/ Alt Funds					\$ 81,000					\$ 89,806	
98	DPW	Handicap curbcut access to sidewalks	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					\$ 63,500					\$ 70,404	
99	Schools	Ed Center - Accessibility Upgrades	Upgrade elevator, door hardware, and signage for accessibility.	\$ 100,000	37.1	Bonding					\$ 100,000					\$ 110,872	
100	Schools	Burr School - Accessibility Upgrades	Upgrade entrance ramp, elevator, toilet rooms, and door hardware for accessibility.	\$ 100,000	37.1	Bonding					\$ 100,000					\$ 110,872	
101	Parks/Rec	Newton Highlands Playgrnd - Ph I Design & Construction	Phase I of 2008 Master Plan for park renovation. Addresses drainage problems & builds new ball fields and courts. Highly used park.	\$ 1,970,000	37.1	CPA Eligible	\$ 320,000				\$ 1,650,000					\$ 1,829,384	
102	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					\$ 150,000					\$ 166,308	
103	DPW/ Storm	Pellegrini Park Drain Replacement	Replace existing pipe which has settled and is causing flooding.	\$ 130,000	36.9	Enterprise Funds					\$ 130,000					\$ 144,133	
104	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	36.8	Chapt 90/ Alt Funds					\$ 150,000					\$ 166,308	
105	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	36.7	Bonding						\$ 500,000					\$ 573,762
106	DPW/ Sewer	Replace two Large Construction Vehicles	Replace 2005 vehicles/equipment used to haul materials for trenching/ backfilling for sewer line repairs. Also used for snow plowing (#366 and #367)	\$ 300,000	36.7	Enterprise Funds					\$ 300,000					\$ 332,615	
107	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	CPA Eligible						\$ 200,000					\$ 229,505
108	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					\$ 250,000					\$ 286,881	
109	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	36.3	Bonding					\$ 1,215,000					\$ 1,394,240	
110	Public Buildings	City Hall - Electrical Upgrades	Replace emergency generator and electrical upgrades.	\$ 225,000	36.3	Bonding						\$ 225,000					\$ 258,193
111	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											
112	DPW/ Sewer	Sewer Inflow /Infiltration Project - Nonantum Area	Part of 12 yr \$49.1 M program to remove excess inflow and infiltration into sewer system. Design (FY17) and constr (FY18) for Nonantum area.	\$ 4,500,000	36.2	Enterprise Funds					\$ 600,000	\$ 3,900,000				\$ 642,735	\$ 4,324,000
113	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											
114	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											
115	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	36.2	Enterprise Funds					\$ 4,074,600						\$ 4,517,582
116	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											
117	Schools	Mason Rice School - Electrical Upgrades	Replace emergency generator, electrical panels and sub-panels.	\$ 325,000	36.1	Bonding											
118	Schools	Pierce School - Plumbing Upgrades	Sanitary piping is deteriorating. Upgrades to toilet rooms and water fountains	\$ 225,000	36.0	Bonding											

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2015	Risk Factor	Funding Source	Prior Year Funding	FY2015	FY2016	FY2017	FY2018	FY2019	FY2015	FY2016	FY2017	FY2018	FY2019
119	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	36.0	Other											
120	Schools	Mason Rice School - Replace Roof	Replace the 1990's Sarnifil roofing system on the main portion of the building. Existing roof has reached its life expectancy.	\$ 580,000	35.9	Bonding											
121	DPW	Street Paving - Cold Plane and Pave 26 Streets	Dedham, Prince, Berkeley, Cherry, Highland Ave, Grafton, Bald Pate, Waban, Lyman, Lee, Colbert, East Colbert, Oak Cliff, Whittier, Paul, Allerton, Locksley, Rotherwood,	\$ 2,900,000	35.9	Chapt 90/ Alt Funds						\$ 2,900,000					\$ 3,215,282
122	Schools	Bigelow School - Roof Replacement	Replace entire building roof system. Roof is beyond its useful life.	\$ 750,000	35.9	Bonding											
123	Schools	Burr School - Replace Roof	Replace the total building roofing system installed in the 1980's.	\$ 450,000	35.9	Bonding											
124	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											
125	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											
126	Public Buildings	City Hall - Masonry Restoration of War Memorial Steps	Implement recommendations from 2007 Study of the Memorial Stairs.	\$ 185,000	35.7	CPA Eligible											
127	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											
128	Schools	Mason Rice School - Mechanical Upgrades	Direct Digital Controls conversion and upgrade heating distribution system.	\$ 450,000	35.6	Bonding											
129	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											
130	Schools	Bowen School - Mechanical Upgrades	Replace interior air handlers in first year. Direct Digital Controls conversion.	\$ 325,000	35.5	Bonding											
131	Public Buildings	Waban Library-Accessibility Upgrades	Upgrade toilet rooms, Replace door hardware; Modify door at stairwell or install automatic door opener.	\$ 110,000	35.4	CDBG Eligible											
132	Schools	Burr School - Stewwork Sidewalk Ramp Repairs	Front stair railing collapsing; catch basin at entrance plaza, parking area, make accessible route	\$ 280,000	35.4	Bonding											
133	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											
134	Schools	Underwood School - Accessibility Upgrades	Accessibility upgrades including compliant door hardware, Toilets, and Elevator	\$ 415,000	35.4	Bonding											
135	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											
136	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											
137	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											
138	Parks/Rec	Crystal Lake Bathhouse - Renovate/Replace	Existing bathhouse is in poor condition and is not accessible. Renovate/Replace bathhouse and improve site.	\$ 8,000,000	35.2	CPA Eligible											
139	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											
140	Schools	Underwood School - Replace Roof	Replace whole building roof in 2 phases.	\$ 450,000	35.1	Bonding											
141	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											
142	Schools	Newton South High School - Electrical Upgrades	Upgrades to Lighting and controls	\$ 150,000	35.1	Bonding											
143	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											
144	Parks/Rec	Replace Weeks Playground Tennis Courts	Replace 4 existing tennis courts at Weeks Playground.	\$ 220,000	35.1	Bonding											
145	Parks/Rec	Replace McGrath Playground (Warren) Tennis Courts	Replace 4 existing tennis courts at McGrath Playground (Warren).	\$ 220,000	35.1	Bonding											
146	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											
147	Parks/Rec	Pelligrini 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	CDBG Eligible											
148	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											

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149	Schools	Williams School - Mechanical Upgrades	Replace Air handlers. Direct Digital Controls conversion for HVAC system.	\$ 200,000	34.9	Bonding											
150	Schools	Underwood School - Mechanical Upgrades	Upgrade Distribution system, controls, and remove underground tank.	\$ 525,000	34.9	Bonding											
151	Public Buildings	City Hall - Repair Front 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											
152	Schools	Countryside School - Mechanical Upgrades	Replace RTUs at Annex, Direct Digital Control conversion	\$ 250,000	34.9	Bonding											
153	Schools	Ward School - Mechanical Upgrades	Replace second boiler and steam trap work.	\$ 300,000	34.9	Bonding											
154	Schools	Bigelow School - Mechanical Upgrades	Replace 2nd boiler (54 yrs old) and associated equipment, distribution, univents and full DDC system.	\$ 960,000	34.9	Bonding											
155	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											
156	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											
157	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											
158	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											
159	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											
160	Schools	Lincoln Elliot School - Mechanical Upgrades	Hot water conversion w/renovation, 2nd boiler and distribution system.	\$ 525,000	34.6	Bonding											
161	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											
162	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	CPA Eligible											
163	Public Buildings	Waban 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											
164	Fire Dept	Replace Fire Dept Aerial 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											
165	Police	Police Annex - Roof Restoration/ Replacement	Remove and replace slate roofing, gutters and downspouts. Install new EPDM Roof. Reattach downspouts.	\$ 250,500	34.4	CPA Eligible											
166	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											
167	Parks/Rec	Pelligrini 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											
168	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	CPA Eligible											
169	Schools	Bowen School - Electrical Upgrades	Replace electrical panels and sub-panels in original buildings.	\$ 75,000	34.2	Bonding											
170	Public Buildings	Nonantum Library-Electrical	Upgrade interior lighting and power distribution. Replace electrical panel and main electrical service.	\$ 101,637	34.2	Bonding											
171	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											
172	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											
173	Public Buildings	Kennard Estate - Replace Septic System	Replace Septic System by connecting to City Sewer Infrastructure.	\$ 100,000	34.0	Bonding											
174	Schools	Horace Mann School - Accessibility Upgrades	Upgrade toilet rooms, water fountains and door hardware for accessibility.	\$ 220,000	33.9	Bonding											
175	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											
176	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	CPA Eligible											
177	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	CPA Eligible											
178	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											

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179	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												
180	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												
181	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												
182	Schools	Ward School - Electrical Upgrades	Upgrade electrical panels and distribution system.	\$ 210,000	33.6	Bonding												
183	Parks/Rec	Emerson Community Center - Electrical Upgrades	Replace switchboard and increase service size to meet electrical demands. Replace original overloaded electrical panels. Install emergency audiovisual horn strobes.	\$ 108,000	33.6	Bonding												
184	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												
185	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 constr only. Design funded by City.	\$ 500,000	33.6	Chapt 90/ Alt Funds												
186	Library	Library Book Autocheckin/ Sorting System	Almost 2 million library materials/yr checked in automatically and sorted by material type	\$ 210,000	33.5	Bonding												
187	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												
188	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												
189	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												
190	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												
191	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												
192	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												
193	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												
194	Schools	Memorial Spaulding School - Replace Roof	Replace 1980's Built up roof area. It has reached its life expectancy.	\$ 350,000	33.1	Bonding												
195	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												
196	Public Buildings	Public Buildings Department-Electrical	Replace electrical distribution panels and main electrical service. Upgrade Telcom and Electrical infrastructure to BICSI and Electrical code. Replace interior lights to improve	\$ 118,000	33.1	Bonding												
197	Schools	Bigelow School - Accessibility Upgrades	Upgrade toilet rooms, elevator, door hardware and signage for accessibility	\$ 400,000	33.1	Bonding												
198	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												
199	Parks/Rec	Newton Upper Falls/ Braceland Playground - Design & Construction	Master Plan for park renovation - Construction will include new athletic fields, new play structure and sitework and improvements.	\$ 1,675,000	32.8	Bonding												
200	Senior Center	Senior Center - Exterior Windows & Doors	Restore/Replace wood windows and aluminum storm windows as historically appropriate.	\$ 125,000	32.7	CPA Eligible												
201	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												
202	Senior Center	Senior Center - Building Envelope	Repoint exterior masonry walls as required. Repair, reset and regout main granite front stairs. Repair stone veneer at main entry. Rebuild rear right side areaway and stairs.	\$ 150,000	32.4	CPA Eligible												
203	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												
204	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												
205	Parks/Rec	Farlow & Chaffin Parks Historic Landscape Preservation Plan	Restoration and preservation of Farlow and Chaffin Park. Could break out into design vs construction- 2 yrs	\$ 640,000	32.3	CPA Eligible	\$ 52,000											
206	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												
207	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												
208	Schools	Lincoln Eliot School - Replace Windows and Doors	Replace windows in 1965 addition and 1975 clerestory windows	\$ 280,000	32.0	Bonding												

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209	Fire Dept	Replace Fire Pumper Truck (Engine 7)	Replace Engine 7 pumper truck. Engine 7 will become a spare.	\$ 600,000	32.0	Bonding												
210	Schools	FA Day School - Accessibility Upgrades / Replace Elevator	Upgrades for ADA Compliant elevator, toilet rooms, door hardware, and signage	\$ 350,000	32.0	Bonding												
211	Police	Police Garage - Roof Replacement	Replace PVC roof installed in the 1990's as required. It has reached life expectancy. Repair water divertor above support service door.	\$ 193,000	31.9	Bonding												
212	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												
213	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												
214	Schools	Franklin School - Building Envelope	Replace windows and doors and repair/restore masonry.	\$ 700,000	31.7	Bonding												
215	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												
216	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												
217	DPW	Elliot St. Operations Building - Mechanical/ Plumbing Upgrades	Boiler upgrades per code reqts. Replace unit heaters and finned tube heaters. Upgrade bathrooms. Replace water heater.	\$ 169,000	31.3	Bonding												
218	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												
219	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												
220	Parks/Rec	Auburndale Cove Fieldhouse - Building Upgrades	Project to fully upgrade existing building or replace with new structure.	\$ 206,000	30.7	Bonding												
221	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												
222	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												
223	DPW/ Water	Hillside Ave - Otis to Austin	Deferred. Replace 1048 LF of 6" water main with 8", 1877. This precedes scheduled roadway paving.	\$ 209,600	30.2	Enterprise Funds												
224	Schools	Franklin School - Mechanical Upgrades	Replace boilers, hot water conversion, and Direct Digital Control conversion.	\$ 825,000	30.2	Bonding												
225	Schools	Bowen School - Accessibility Upgrades	Upgrades to toilet rooms, signage, hardware, railings and assembly spaces for accessibility.	\$ 200,000	30.1	Bonding												
226	Schools	Franklin School - Accessibility and Plumbing Upgrades	Upgrade Toilet rooms, Water fountains, Door hardware and signage for accessibility.	\$ 365,000	30.1	Bonding												
227	Schools	Mason Rice School - Accessibility Upgrades	Upgrade hardware, toilet rooms, and water fountains for accessibility.	\$ 185,000	30.1	Bonding												
228	Schools	Memorial Spaulding School - Accessibility Upgrades	Upgrade toilet rooms, door hardware, water fountains, and signage for accessibility.	\$ 300,000	30.1	Bonding												
229	Schools	Lincoln Elliot School - Accessibility Upgrades	Upgrade toilet rooms, door hardware, elevator, entrance ramp, and signage for accessibility.	\$ 940,000	30.1	Bonding												
230	DPW	Map Scanning Project for Engineering: 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												
231	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	CDBG Eligible												
232	Police	Police Annex - Accessibility Upgrades	Provide accessible toilet rooms, door hardware, signage and drinking fountain. Provide a lower transaction counter.	\$ 83,500	30.0	CDBG Eligible												
233	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												
234	Schools	Underwood School - Electrical Upgrades	Upgrades to electrical panels and sub-panels and emergency generator	\$ 100,000	29.6	Bonding												
235	Schools	Williams School - Accessibility Upgrades	Upgrade door hardware, openings, toilet rooms, railings, and signage for accessibility.	\$ 250,000	29.6	Bonding												
236	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												
237	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												
238	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	CDBG Eligible												

Priority	Dept	Project Title	Project Description / Justification	Est Cost in FY2015	Risk Factor	Funding Source	Prior Year Funding	FY2015	FY2016	FY2017	FY2018	FY2019	FY2015	FY2016	FY2017	FY2018	FY2019	
239	Parks/Rec	Replace Cold Spring Park Tennis Courts	Replace 3 existing tennis courts at this location. Courts have deteriorated.	\$ 180,000	28.7	Bonding												
240	Jackson Homestead	Restoration of Historic East Burying Grounds	Preservation of Remaining 24 Tombs in two of the three burying grounds. Priority to East, then West Parish sites. Safety Concern.	\$ 148,135	28.7	CPA Eligible												
241	Parks/Rec	Replace Halloran Field Athletic Lighting (Albemarle)	Replace the athletic lighting at the City's premier athletic complex	\$ 150,000	28.4	Bonding												
242	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												
243	Schools	Peirce School - Accessibility Upgrades	Upgrades to door hardware, toilet rooms, railings, and signage for accessibility.	\$ 300,000	28.4	Bonding												
244	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												
245	IT	Upgrade to Voice Over IP Phone System	Replace 12 year old phone systems with VOIP (data/voice) capable systems, allowing faster move-add-change and lower hardware costs.	\$ 250,000	28.2	Bonding												
246	Parks/Rec	Newton Corner Parks & Rec Headquarters - Roof Restoration/ Replacement	Replace/restore slate roof as historically appropriate.	\$ 75,500	27.5	CPA Eligible												
247	Jackson Homestead	Jackson Homestead - Object Collection Storage	Create offsite climate controlled space with fire protection to house 3-D museum collections. No space for add'l materials.	\$ 100,000	27.5	CPA Eligible												
248	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												
249	Schools	Lincoln Eliot School - Electrical Upgrades	Replace electric panels and sub-panels.	\$ 125,000	26.7	Bonding												
250	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												
251	Public Buildings	Department HQs Bldg Roof repair	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												
252	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												
253	Schools	Peirce School - Electrical Upgrades	Replace electric panels and sub-panels.	\$ 75,000	26.1	Bonding												
254	Schools	Zervas School - Plumbing Upgrades	Upgrades toilet rooms and water fountains.	\$ 100,000	26.1	Bonding												
255	Schools	Burr School - Electrical Upgrades	Replace electric panels and sub-panels	\$ 100,000	26.1	Bonding												
256	Parks/Rec	Replace Cabot Park Tennis Courts	Replace two existing tennis courts at Cabot Park.	\$ 120,000	26.0	Bonding												
257	DPW	Elliot 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												
258	Schools	Countryside School - Plumbing Upgrades	Upgrade toilet rooms and water fountains, and add fixtures per code requirements.	\$ 125,000	26.0	Bonding												
259	Public Buildings	Waban 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	CPA Eligible												
260	Schools	Horace Mann School - Mechanical Upgrades	Replace 2nd boiler and replace modular roof top air handling units	\$ 300,000	25.7	Bonding												
261	DPW/ Water	Water/Utilities Department bldg - Accessibility Upgrades	Entrance ramp, toilet room and water fountain upgrades, door hardware, lift, etc to improve accessibility.	\$ 240,000	25.7	Enterprise Funds												
262	Schools	Ward School - Replace Windows and Doors	Replace windows in gym wing and storefront system.	\$ 425,000	25.6	Bonding												
263	Public Buildings	Kennard Estate-Accessibility/Site	Provide accessible parking spaces and install accessible entrance ramp.	\$ 127,350	25.5	Other												
264	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												
265	Schools	Brown School - Accessibility Upgrades	Upgrade existing elevator for code compliance, signage, hardware, and reconfigure locker rooms for accessibility.	\$ 600,000	24.8	Bonding												
266	Schools	Countryside School - Accessibility Upgrades	Upgrade toilets, signage, door hardware, and accessible entrance.	\$ 150,000	24.8	Bonding												
267	Jackson Homestead	Jackson Homestead - Exterior Windows & Doors	Restore existing windows and doors as historically appropriate.	\$ 192,000	24.8	CPA Eligible												
268	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												