

CITY OF NEWTON

IN BOARD OF ALDERMEN

PUBLIC SAFETY & TRANSPORTATION COMMITTEE AGENDA

WEDNESDAY, MAY 2, 2012

**7:00 pm**

Aldermanic Chamber

**CHAIRMAN'S NOTE: Please bring your Budget and CIP books with you to the meeting.**

**ITEMS SCHEDULED FOR DISCUSSION:**

**Police Department Budget and CIP**

**Fire Department Budget and CIP**

**REFERRED TO FINANCE AND APPROPRIATE COMMITTEES**

#383-11 HIS HONOR THE MAYOR submitting the FY13-FY17 Capital Improvement Program pursuant to section 5-3 of the Newton City Charter and the FY12 Supplemental Capital budget which require Board of Aldermen approval to finance new capital projects over the next several years. [10/31/11 @ 3:12 PM]

**REFERRED TO FINANCE AND APPROPRIATE COMMITTEES**

#383-11(2) HIS HONOR THE MAYOR submitting in accordance with Section 5-1 of the City of Newton Charter the FY13 Municipal/School Operating Budget totaling \$312,979,964 passage of which shall be concurrent with the FY13-FY17 Capital Improvement Program (#383-11). [04/09/12 @ 2:48 PM]  
EFFECTIVE DATE OF SUBMISSION: 04/17/12; LAST DATE TO PASS THE BUDGET 06/01/12

All other items will be held without discussion.

Respectfully Submitted,

Allan Ciccone, Jr. Chairman

CITY OF NEWTON, MA CIP 2013-2017 - Updated 1/23/12

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
61	DPW	DPW Large Construction Trucks Replacement	Replacement of vehicle taken out of service: Vehicle #69 (FY16)	\$ 300,000	Bonding	53.1				\$ 300,000	\$ 300,000
62	Jackson Homestead	Jackson Homestead - Archives Project	Renovate Archives area for compact, environmentally controlled archives storage; add accessible entrance ramp. code compliance and accessibility upgrades	\$ 463,421	CPA Eligible	52.9					
63	DPW/ Storm	Replace Storm Drain at Hillside Ave.	Existing pipe has collapsed. Causing flooding in local area. Minimal property damage.	\$ 200,000	Enterprise Funds	52.6	\$ 200,000				
64	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.	\$ 122,980	Bonding	52.4	\$ 122,980				
65	DPW/ Sewer	Sewer Inflow/ Infiltration - Lower Falls Area (Investigation FY14)	Lower Falls Area - Sewer (I) Removal; Year 1: Investigation and Assessment; Year 2: Design and Construction (FY15)	\$ 3,861,585	Enterprise Funds	52.3	\$ 523,710	\$ 3,337,875			
66	DPW/ Water	California Street water Main Improvements	Replacement of approximately 900' of existing water main with new 12" water main from Jassett Street to Riverdale Avenue	\$ 380,000	Enterprise Funds	52.3	\$ 380,000				
67	Public Buildings	City Hall - Toilet Room Renovations	Upgrade toilet room finishes and reconfigure for accessibility. \$50K added to FY12.	\$ 110,472	Bonding	51.9		\$ 75,000			
68	Schools	School Electrical Upgrades in Elementarys	Elementary school power capacity improvements.	\$ 200,000	Bonding	51.8		\$ 200,000			
69	DPW/ Water	Clean and Line Water Main at Needham St - Oak to Charlemont (FY15)	Cleaning and lining 760 LF of 8" water main, 1880. This precedes upcoming TIP funded road reconstruction project.	\$ 136,800	Enterprise Funds	51.8		\$ 136,800			
70	Library	Newton Free Library - Mechanical Upgrades	Interior air handler replacement, pneumatic DDC conversion, replace chiller controls, repair/restoration of ice tank system.	\$ 1,100,000	Bonding	51.7		\$ 500,000	\$ 100,000	\$ 300,000	
71	DPW/ Water	Walnut Street water Main Improvements	Impacts Fire Flows & ISO rating. Replacement of approximately 3000' of existing water main with new 12" water main from Washington Street to Crafts Street	\$ 1,200,000	Enterprise Funds	51.7	\$ 1,200,000				
72	Public Buildings	Energy Efficiency and Water Conservation Upgrades to City and School Buildings	This project includes remaining 12 Elementary Schools, NSHS, and City Buildings to be done in Phases. NSTAR matching grant	\$ 3,000,000	Energy Stabiliztr Fund	51.5		\$ 800,000	\$ 800,000		
73	Schools	Ed Center - Electrical Upgrades	Upgrade electric service, panels and sub-panels.	\$ 225,000	Bonding	51.4		\$ 225,000			
74	Police	Police Headquarters - Mechanical Upgrades	Replace Roof Top Mechanical equipment that is beyond its useful life. Requires a lot of maintenance and service calls	\$ 300,000	Bonding	51.3		\$ 300,000			
75	Public Buildings	City Hall - Envelope - Masonry Repairs	Repair and repoint exterior masonry to preserve building envelope. Address worst areas in first year.	\$ 425,000	Bonding	51.2		\$ 125,000			
76	DPW/ Water	Replace 2002 int. crew truck #311 (FY15)	Replacement of existing city vehicle/equipment	\$ 125,000	Enterprise Funds	51.0		\$ 125,000			
77	Schools	Franklin School - Electrical Upgrades	Replace Electrical service and upgrade distribution, panels and sub-panels.	\$ 225,000	Bonding	50.9		\$ 225,000			
78	Police	Police Headquarters - Roof Repair/ Replacement	Repair EPDM roof for small leaks. Repair copper cornice roof. Replace fire range roof.	\$ 82,791	Bonding	50.7		\$ 82,791			
79	Parks/Rec	Newton Centre Playground Phase V - Accessibility	Add ADA compliant access route to a portion of Newton Centre Playground. Approved for CDBG funding by the City's Commission on Disability.	\$ 45,000	CDBG	50.3	\$ 45,000				
80	DPW/ Water	Replace Water Main at Lake Ave (FY16)	Replace 4274 LF of 6" CI water main with 8", 1881. Increased diameter required for fire flow, per hydraulic model. This precedes scheduled roadway paving.	\$ 854,800	Enterprise Funds	50.3		\$ 854,800			

Police

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
101	DPW/ Water	Clean and Line Water Main at Walnut St - Crafts to Washington (FY15)	Cleaning and lining 2,964 LF of 6" & 8" water main, 1876. This precedes scheduled roadway paving. This water main serves the School Ed Center	\$ 533,520	Enterprise Funds	48.4	\$		\$ 533,520		
102	DPW	DPW - Replace Street Sweeper	Replacement of vehicle taken out of service: Vehicle #148. Dept will not have minimum (6 ea) needed to complete 4 sweeps/yr efficiently.	\$ 160,000	Bonding	48.4			\$ 160,000		
103	DPW/ Water	Replace Water Main at Chestnut St - Oak to Linden (FY15)	Replace 450 LF of 6" water main, 1889. Project linked to the Oak St water main rehabilitation project.	\$ 81,000	Enterprise Funds	48.3			\$ 81,000		
104	DPW	Cold Plane and Pavement Central St (Grove to Leighton)	Cold plane and overlay - Pavement Condition Index (PCI) = 55. Paved 1985. 2850 LF. Local thru.	\$ 205,200	Chapter 90	48.1			\$ 205,200		
105	Parks/Rec	Newton Centre Playground Phase VI Handicap accessible route	Add ADA compliant access route to a portion of Newton Centre Playground.	\$ 45,000	CDBG	48.0			\$ 45,000		
106	DPW	Cold Plane and Pavement Dudley Rd (Boylston to Stonewood)	Cold plane and overlay - Pavement Condition Index (PCI) = 66. Paved 1989. 2778 LF. Collector minor.	\$ 200,016	Other	48.0			\$	200,016	
107	DPW	Provide ADA Access Curb Cuts	To comply with Federal ADA requirements and to provide safe, accessible means to and from City sidewalks.	\$ 183,250	CDBG	47.9	\$ 55,900	\$ 62,000	\$ 65,300		
108	DPW/ Water	Beacon St (Chestnut to Centre) Water line improvements	Cleaning and lining 8,553 LF of 8" water main, 1877. This precedes scheduled roadway paving in outyears.	\$ 1,539,540	Enterprise Funds	47.8			\$ 1,539,540		
109	Schools	Ed Center - Exterior Masonry Work	Repair, repoint and clean exterior masonry.	\$ 400,000	Bonding	47.8			\$ 100,000		
110	DPW/ Water	Replace Water Main at Crystal Street (FY16)	Replace 572 LF of 6" CI water main with 8", 1876. Increased diameter required for fire flow, per hydraulic model. This precedes scheduled roadway paving.	\$ 114,400	Enterprise Funds	47.7			\$	114,400	
111	Parks/Rec	Parks/Recreation Garage - Crescent St	All Rec Garage building recommended work - building envelope highest needs. In re-use process. Co-located w/Parks HQs building	\$ 480,000	Bonding	47.6	Submitted for Re-Use Determination				
112	DPW	Cold plane and pave 14 Streets	Lowell Ave, Webster St, Temple St, Hull St, Homer St, Wolcott St, Hillside Ave, Bellevue St, Summit St, Lenox St, Regent St, Mt Ida Ter, Weldon Rd	\$ 1,723,608	Chapter 90	47.5	\$	1,723,608			
113	Schools	Brown School - Mechanical Upgrades	Steam system has failed. \$50K / year to address steam leaks. Hot water conversion from steam in the next ten years (\$2M). Periodically causes a mold problem.	\$ 2,000,000	Bonding	47.5			\$ 600,000	\$ 700,000	\$ 700,000
114	Schools	Horace Mann School - Replace Roof	Replace 1986 Built up roof.	\$ 375,000	Bonding	47.5			\$ 375,000		
115	Parks/Rec	Gath Pool - Exterior and Pool Improvements	Repair foundation at pool building and adjacent raised kiddie pool area. Repair veneer cracks at main stairs end wall foundations. Repair pool. Repoint exterior masonry.	\$ 173,443	Bonding	47.5					
116	DPW	Crafts St DPW Operations (Stable) - Interior Renovation	Design and Construction for renovated interior including mechanical, electrical, plumbing, and accessibility upgrades.	\$ 1,955,300	CPA Eligible	47.3					
117	Police	Police Annex - Exterior Windows & Doors	Restore/replace all windows and doors with historically appropriate energy efficient units.	\$ 102,168	CPA Eligible	47.1					
118	Police	Police Headquarters - Interiors and Finishes	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.	\$ 100,016	Bonding	46.9			\$	100,016	
119	DPW/ Water	Tower Rd Water Main Improvements	Loop 500 LF of 8" dead end main. This eliminates dead end main, improving water quality. This precedes proposed Tower Rd extension to Oak St., and precedes scheduled roadway paving in outyears.	\$ 100,000	Enterprise Funds	46.8			\$	100,000	
120	DPW/ Water	Waban St (Waban park to Hovey) Water Main Improvements	Replace 400 LF of 6" water main with 8", 1876. This precedes scheduled roadway paving in outyears.	\$ 80,000	Enterprise Funds	46.6			\$	80,000	

Police

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121	DPW/ Water	Center St (Washington to Carlton @ Galen) Water Main Improvements	Cleaning and lining 580 LF of 12" water main 1877. This precedes scheduled roadway paving in outyears.	\$ 104,400	Enterprise Funds	46.6			\$ 104,400		
122	Library	Newton Free Library - Accessibility Upgrades	Accessibility upgrades to toilet rooms. Install accessible counter at reference desk. Replace visual fire alarms to be code compliant; Install accessible drinking fountain.	\$ 109,300	Bonding /CDBG	46.3			\$ 109,300		
123	DPW	Repair / Improve Wales St. Bridge (Wellesley MOU)	Repairs required in response to Mass DOT bridge inspection program findings. Improvements include installation of new guardrails and bridge railing transitions to meet height and	\$ 400,000	Chapter 90	46.2	\$ 400,000				
124	DPW	DPW - Replace Large Construction Truck (FY15)	Replacement of vehicle taken out of service: Vehicle #101	\$ 150,000	Bonding	46.1			\$ 150,000		
125	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. Some RTUs work addressed in current project.	\$ 400,000	Bonding	46.0					\$ 400,000
126	Parks/Rec	Peligrini Park Field House - Accessibility/ Site Upgrades	Provide accessible toilet rooms, door hardware, signage and a hi-low drinking fountain. Resurface and re-grade existing path to playground.	\$ 183,500	CDBG	46.0					
127	Public Buildings	Underground Storage Tank Replacements	Police HQ (\$150K) Senior Center (\$10K), Nonantum Library, Abornate Library	\$ 75,000	Bonding	45.8					
128	Library	Library Book Autocheckin/ Sorting System	Almost 2 million library materials/yr checked in automatically and sorted by material type	\$ 210,000	Bonding	45.8			\$ 210,000		
129	DPW	Cold plane and pave 12 Streets	Crafts St, Vernon St, Hawthorn St, Eldredge St, Linwood Ave, Collins Rd, Grove St, Waban Ave, Elmwood St, Tower Rd, Waban St, Walnut Pl	\$ 1,307,496	Chapter 90	45.8			\$ 1,307,496		
130	DPW/ Water	Replace 2004 Int. crew truck #316 (FY16)	Replacement of existing city vehicle/ equipment	\$ 130,000	Enterprise Funds	45.7			\$ 130,000		
131	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 already purchased and stored in Wires Division.	\$ 163,000	Bonding	45.7				\$ 163,000	
132	Parks/Rec	Lower Falls Community Center - Accessibility/ Site Upgrades	Cost estimate increased to \$296K. Provide accessible toilet rooms, door hardware, and signage. Install a lowered transaction counter in the lobby and an accessible drinking	\$ 296,000	Bonding /CDBG	45.7				\$ 99,991	
133	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 (\$100K).	\$ 425,000	Bonding	45.6			\$ 250,000	\$ 125,000	
134	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.	\$ 169,918	Bonding	45.5					
135	Schools	Lincoln Elliot School - Plumbing Upgrades	Replace deteriorated sanitary pipe, distribution, risers and vents, toilet rooms. Assess issues in FY14 to determine scope and budget for additional work.	\$ 650,000	Bonding	45.4			\$ 200,000	\$ 450,000	
136	Schools	Oak Hill School - Mechanical Upgrades - Roof Top Units and Distribution System	Replace Roof top units and distribution	\$ 250,000	Bonding	45.4					\$ 250,000
137	Public Buildings	Kenard Estate - Accessibility/ Site	Provide accessible parking spaces and install accessible entrance ramp. Repair stair nosings and replace handrails.	\$ 127,350	Grant	45.4	\$ 127,350				
138	Senior Center	Senior Center - Accessibility/ Site	Bevel level change between 2 different materials. Provide ADA compliant signage and toilets. Replace/repair floor in the womens room so that it is stable, firm and slip resistant.	\$ 49,400	CDBG	45.4			\$ 49,400		
139	DPW	Elliot Street Sand_Salt Shed - Structural and Envelope Repairs	Replace damaged wood truss members and braces. Add brace supports at building ends to prevent walls from buckling. Repair wood buttresses and extend push wall 10' higher to	\$ 142,247	Bonding	45.2					
140	DPW/ Water	Elmwood St Water Main Improvements	Replace 560 LF of 6" water main, 1877 with 8". This precedes scheduled roadway paving in outyears.	\$ 112,200	Enterprise Funds	45.2			\$ 112,200		

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141	DPW/ Water	Vernon St Water Main Improvements	Cleaning and lining 1,926 LF of 8" water main, 1876. This precedes scheduled roadway paving in outyears.	\$ 346,680	Enterprise Funds	45.2			\$ 346,680		
142	Jackson Homestead	Jackson Homestead - Exterior Windows & Doors	Restore existing windows and doors.	\$ 192,057	CPA-Eligible	45.2					
143	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.	\$ 122,500	Bonding	45.2					
144	DPW	Cold Plane and Pave Bridge St	Cold plane and overlay - Pavement Condition Index (PCI) = 67. Paved before 1978. 2100 LF. Collector minor.	\$ 151,200	Chapter 90	45.2			\$ 151,200		
145	DPW	Comm Ave @ Lexington - Install 2 Traffic Signal mast arms	Transfer traffic signals from post mount to mast arm to improve safety and visibility at intersection	\$ 75,000	Bonding	45.2					
146	Schools	Pierce School - Mechanical Upgrades	Replace two boilers and associated systems, DDC conversion. Boilers are 60 years old. Replace one boiler in first year.	\$ 750,000	Bonding	45.1					
147	Schools	Ward School - Accessibility Improvements	Hardware, Toilet Rooms, elevator, stage access, railings signage, accessible entrance, water fountains. Should be addressed as part of major renovation. Elevator in first year.	\$ 1,680,000	Bonding	44.9					\$ 200,000
148	Parks/Rec	Newton Corner Library - Interiors and Finishes	Upgrade as appropriate interior stairs and egress routes for code compliance. Replace interior doors and fire rated door to mech. room. Restore millwork throughout.	\$ 83,349	Bonding	44.9					
149	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.	\$ 99,600	Bonding	44.9					
150	DPW	Crafts St. Salt Storage Sheds Replacement	Two salt storage sheds at Crafts St. are in such a state of disrepair it is more cost effective to replace rather than repair. Plan would be to consolidate to one new shed. Replace-	\$ 400,000	Bonding	44.9					
151	Parks/Rec	Lower Falls Community Center - Interiors and Finishes	Replace gym floor with new wood flooring. Replace damaged carpeting and VCT flooring.	\$ 80,000	Bonding	44.9					
152	Schools	Bowen School - Mechanical Upgrades	Replace interior air handlers, DDC conversion	\$ 325,000	Bonding	44.5					
153	DPW/ Water	Clean and Line Water Main at Crafts St. - Waltham to Washington	Cleaning and lining 5,862 LF of 6" & 8" water main, 1877. This precedes scheduled roadway paving which will occur after FY17. This water main serves School Ed Center	\$ 1,235,160	Enterprise Funds	44.5			\$ 1,235,160		
154	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 the fans.	\$ 75,000	Enterprise Funds	44.4			\$ 75,000		
155	Schools	Ward School - Sitework	Resurface parking area. Worst of school parking lots. PCI =35	\$ 110,000	Bonding	44.3					
156	Schools	Ward School - Mechanical Upgrades	Hot water conversion and distribution as part of major renovation. (Could also keep the steam system for approximately \$500K)	\$ 2,000,000	Bonding	44.2					
157	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 walls.	\$ 139,300	Bonding	44.1					
158	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.	\$ 102,624	Bonding	44.0					
159	Public Buildings	Carr Building - Roof Replacement	Remove and replace slate roof system with new historically appropriate roof.	\$ 669,501	CPA Eligible	44.0					
160	Parks/Rec	Pelligrini Park Field House - Exterior Windows & Doors	Replace windows and security screens with new insulated thermally broken window units and new security screens. Repair and repoint masonry walls and restore murals.	\$ 130,400	Bonding	43.9					

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Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
161	Parks/Rec	Pelligrini Park Field House - Replace Roofs	Remove and replace lower roofing membrane, gutters and downspouts. Replace upper Gym membrane roof with a new EPDM roof.	\$ 224,265	Bonding	43.9					
162	Parks/Rec	Replace Hellenor Field Athletic Lighting (Albamarle)	Replace the athletic lighting at the City's premier athletic complex	\$ 150,000	Bonding	43.8					
163	DPW/ Water	Parker St (Cypress to Boylston) Water Main Improvements	Cleaning and lining 2,876 LF of 6" & 8" water main, 1882. This precedes scheduled roadway paving in outyears.	\$ 517,680	Enterprise Funds	43.8			\$	517,680	
164	DPW	Commonwealth Avenue (Route 128 to Washington Street) - Preliminary and Final Design	To eliminate deteriorated roadway condition to improve public safety and to restore Commonwealth Avenue to previous boulevard status. Arterial minor.	\$ 500,000	Grant	43.7			\$	250,000	\$ 250,000
165	DPW	Washington Street (Commonwealth Avenue to Centre Street) - Preliminary and	To eliminate deteriorated roadway condition and to improve public safety. Arterial minor.	\$ 500,000	Grant	43.7		\$	250,000		
166	Schools	Bowen School - Electrical Upgrades	Replace electrical panels and sub-panels in original buildings.	\$ 50,000	Bonding	43.7					
167	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.	\$ 107,347	Bonding	43.7					
168	Schools	Ward School - Electrical Upgrades	Upgrade electrical distribution system.	\$ 210,000	Bonding	43.7					
169	Parks/Rec	Emerson Community Center - Renovate Toilet Rooms	Renovate toilet rooms and replace all fixtures and finishes.	\$ 106,500	Bonding	43.6					
170	DPW/ Sewer	Sewer Inflow/ Infiltration - Chestnut Hill Area (FY15-16)	Chestnut Hill Area - Sewer (I/Removal); Year 1: Investigation and Assessment; Year 2: Design & Construction (FY16-17)	\$ 6,510,150	Enterprise Funds	43.6			\$	1,257,525	\$ 5,252,625
171	Public Buildings	Auburndale Library - Roof Repairs	Repair broken roof slates. Reflash where leaks are occurring. Repair/replace gutters and downspouts. Pitch rainwater leaders away from building foundations.	\$ 50,000	CPA Eligible	43.6					
172	Police	Police Annex - Building Foundation and Envelope	Repoint exterior brick and entry ramp. Repair stone lintels.	\$ 96,000	Bonding	43.6					
173	Parks/Rec	Gath Pool - Electrical Upgrades	Upgrade fire alarm and egress lighting. Upgrade wiring and lighting. Replace electrical panels and add-additional exterior outlets per code.	\$ 142,105	Bonding	43.5					
174	DPW/ Water	Replace Water Main at Walnut Pl (Newtonville) (FY16)	Replace 316 LF of 4" water main with 8", 1877. This precedes scheduled roadway paving.	\$ 63,200	Enterprise Funds	43.4			\$	63,200	
175	DPW/ Water	Replace Water Main at Clyde St. Entire Road (FY16)	Replace 1,050 LF of 4" & 6" water main with 8", 1880. This precedes scheduled roadway paving which will occur after FY17.	\$ 210,000	Enterprise Funds	43.4			\$	210,000	
176	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.	\$ 226,218	Bonding	43.4					
177	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.	\$ 125,000	Bonding	43.2					
178	DPW/ Sewer	Replace 1995 Jet truck #369	Replacement of existing city vehicle/ equipment	\$ 240,000	Enterprise Funds	43.1			\$	240,000	
179	DPW/ Sewer	Replace 2001 10-wheeler truck #365	Replacement of existing city vehicle/ equipment (FY16)	\$ 160,000	Enterprise Funds	43.1			\$	160,000	
180	DPW/ Water	Eldredge St Water Main Improvements	Replace 1,606 LF of 4" & 6" water main with 8", 1876. This precedes scheduled roadway paving in outyears.	\$ 321,200	Enterprise Funds	43.1			\$	321,200	

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201	Parks/Rec	Newton Corner Library - Building Envelope	Repair concrete at front entrance top riser. Install new side entry stairs and handrails. Remove and replace wood stairs. Install vents through out balance of soffits.	\$ 114,507	Bonding	41.6					
202	Police	Police Annex - Electrical Upgrades	Replace generator with emergency battery back-up system. Update horn strobes on fire/smoke alarm system for ADA compliance. Upgrade exterior lighting & occupancy sensors. Re-build the main entry ramp to be code compliant. Make ADA door opening device fully functioning.	\$ 139,995	Bonding	41.6					
203	Parks/Rec	Newton Corner Library - Accessibility/Site Upgrades		\$ 85,800	CDBG	41.6					
204	Police	Police Garage - Accessibility/Site Upgrades	Provide accessible door hardware, signage and code-compliant lower counters. Install accessible employee toilet room.	\$ 80,200	CDBG	41.5					
205	Public Buildings	Waban Library-Accessibility/Site Upgrades	Replace door hardware; Modify door at stairwell or install an automatic door opener. Provide accessible parking space and accessible route from parking to library entrance.	\$ 109,600	CDBG	41.5					
206	Police	Police Annex - Accessibility/Site Upgrades	Provide accessible toilet rooms, door hardware, signage and drinking fountain. Provide a lower code-compliant transaction counter.	\$ 83,500	CDBG	41.5					
207	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.	\$ 160,300	Bonding	41.5					
208	Parks/Rec	Emerson Community Center - Accessibility Upgrades	Install an elevator, accessible toilet room, door hardware and accessible drinking fountains; Resurface main entrance ramp and install handrails.	\$ 202,500	Bonding	41.5					
209	Schools	Countryside School - Mechanical Upgrades	Replace RTUs at Annex, DDC conversion	\$ 250,000	Bonding	41.5					
210	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 building renovation.	\$ 139,336	Bonding	41.4					
211	Public Buildings	Carr Building - Building Envelope Repairs	Several exterior repairs to include repair to front gable, clean and repair masonry columns. Repair window and roof at left side rear. Replace wood cornice at gym. Clean and grout stone	\$ 275,000	Bonding	41.4				\$ 275,000	
212	DPW/ Water	Mill St Water Main Improvements	Cleaning and lining 3,900 LF of 12" water main, 1908. This precedes scheduled roadway paving in outyears.	\$ 702,000	Enterprise Funds	41.3				\$ 702,000	
213	Public Buildings	Auburndale Library - Interiors and Finishes	Repair and repaint water damaged ceilings. Repair basement concrete floor and replace VCT floor. Install new ADA-compliant toilet rooms.	\$ 170,379	Bonding	41.2					
214	Fire Dept	Fire Department HQ - Accessibility Upgrades	Upgrade toilet rooms, door hardware, main entrance, etc. to improve handicap accessibility.	\$ 250,000	Bonding	41.2					
215	Public Buildings	City Hall - Elevator and Accessibility Upgrades	Current elevator installed in 1976 and does not meet current ADA requirements.	\$ 300,000	Bonding /CDBG	41.2					
216	DPW/ Storm	Repair Hammond St Drain	Per CCT review, pipe has partially collapsed and requires repair.	\$ 80,000	Enterprise Funds	41.0					
217	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.	\$ 68,649	Bonding	41.0					
218	Parks/Rec	Replace Cold Spring Park Tennis Courts	Replace 3ea existing courts at this location	\$ 150,000	Bonding	41.0					
219	Jackson Homestead	Restoration of Historic East Burying Grounds	Preservation of Remaining 24 Tombs in two of the three buring grounds. Priority to South, then East Parish, then West Parish sites.	\$ 148,135	CPA Eligible	41.0					
220	Public Buildings	Nonantum Library-Building Envelope	Paint woodwork. Repair joint at base of masonry wall to concrete foundation. Paint roof dormer vents. Repair damaged wood cornice and repaint. Rebuild Bridge Street concrete stairs	\$ 200,000	Bonding	41.0					

Police

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Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
221	DPW/ Sewer	Replace 2005 Large Constr vehicle # 366 (FY17)	Replacement of existing city vehicle/ equipment	\$ 135,000	Enterprise Funds	40.9				\$ 135,000	
222	DPW/ Water	Dedham St (Brookline to W. Roxbury line) Water Main Improvements	Cleaning and lining of 2,620 LF of 6" & 8" water main, 1901. This precedes scheduled roadway paving in outyears.	\$ 471,600	Enterprise Funds	40.7				\$ 471,600	
223	Public Buildings	Kennard Estate - Replace Septic System	Replace Septic System or connect to City Infrastructure.	\$ 100,000	Bonding	40.7					
224	Schools	Bigelow School - Replace Windows and Doors	Replace aging windows and exterior doors to improve comfort, operation, and energy efficiency.	\$ 400,000	Bonding	40.7					
225	Schools	Horace Mann School - Accessibility Upgrades	Upgrade toilet rooms and door hardware for accessibility.	\$ 100,000	Bonding	40.6					
226	DPW/ Water	Woodcliff Rd (Centre to Boylston) Water Main Improvements	Replace 916 LF of 6" water main with 8", 1899. This precedes scheduled roadway paving in outyears.	\$ 183,200	Enterprise Funds	40.5				\$ 183,200	
227	DPW/ Water	Langdon Ave (Surry to Cabot) Water Main Improvements	Replace 944 LF of 6" water main with 8", 1893. This precedes scheduled roadway paving in outyears.	\$ 188,800	Enterprise Funds	40.5				\$ 188,800	
228	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	CPA Eligible	40.3					
229	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	Bonding	40.3					
230	Parks/Rec	Upper Falls Fieldhouse-Building Upgrades	Work includes lighting, toilet rooms, roofing and envelope repairs	\$ 122,505	Bonding	40.3					
231	DPW/ Water	Grafton St Water Main Improvements	Cleaning and lining 689 LF of 8" water main, 1877. This precedes scheduled roadway paving in outyears.	\$ 124,020	Enterprise Funds	40.1				\$ 124,020	
232	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	\$ 100,000	Bonding	40.1					
233	Parks/Rec	Crystal Lake Bathhouse - Renovate/Replace	Renovate/Replace bathhouse at Crystal Lake as well as major site improvements. (Approx. \$1.1M needed for repairs/upgrades)	\$ 2,500,000	CPA Eligible	40.1					
234	DPW/ Sewer	Sewer Inflow/ Infiltration - Newton Centre Area (Investigation FY16)	Newton Centre Area - Sewer I/I Removal, Year 1: Investigation and Assessment; Year 2: Design and Construction (FY17)	\$ 3,958,875	Enterprise Funds	39.9				\$ 569,250	\$ 3,389,625
235	Police	Police Annex - Roof Restoration/ Replacement	Remove slates and replace with new slate roofing, gutters and downspouts (6600sf). •Install new EPDM Roof(500sf). Reattach pvc downspout(1ea).	\$ 250,487	CPA Eligible	39.8					
236	Parks/Rec	Auburndale Cove Fieldhouse - Building Upgrades	Work includes electrical, toilet rooms, and building envelope repairs/improvements	\$ 205,816	Bonding	39.8					
237	Parks/Rec	Replace Cabot Park Tennis Courts	Replace two existing tennis courts at Cabot Park.	\$ 100,000	Bonding	39.7					
238	Police	Police Headquarters - Accessibility/Site Upgrades	Reconstruct exterior ramp to code-compliant slope; Provide accessible parking, signage and hi drinking fountains; Install lever faucets; provide accessible toilets.	\$ 220,000	Bonding	39.5					
239	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	CPA Eligible	39.5					
240	Parks/Rec	Replace Parks Two-Ton Dump Truck (replace 1998 truck #430)	Replacement of vehicle that is used daily for maintenance operations that exceeded its useful life span.	\$ 75,000	Bonding	39.2					

Police



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Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
241	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.	\$ 164,300	Bonding	39.0					
242	Fire Dept	Replace Fire Dept Pumper Truck (Engine 3)	Replace Engine 3. A 2004 Pumper Truck and make Engine 3 a spare replacing spare Engine 14, a 1992 pumper. Engine 14 gets taken off the road.	\$ 600,000	Bonding	39.0					
243	Senior Center	Senior Center - Building Envelope	Repoint exterior masonry walls as required. Repair, reset and regROUT main granite front stairs. Repair stone veneer at main entry. Rebuild rear right side areaway and stairs.	\$ 150,000	CPA Eligible	39.0					
244	Parks/Rec	Highlands Fieldhouse-Building Upgrades	Work includes lighting, toilet rooms, roofing and envelope repairs/improvements	\$ 103,847	Bonding	38.8					
245	Fire Dept	Replace Fire Dept Aerial Ladder (Ladder 2)	Replace Ladder 2. 15 years old. Maxed out on life expectancy, and should be used as a spare. Spare Ladder 5 a 1985 Aerial ladder will be taken out of service.	\$ 1,000,000	Bonding	38.8					
246	Fire Dept	Fire Station #1, Newton Corner - Renovation	5th station out of 7 buildings to be renovated. Work includes building envelope, interior finishes, mechanical, electrical, plumbing, life/safety and accessibility upgrades.	\$ 5,200,000	Bonding	38.8					
247	Public Buildings	Kennard Estate-Roofs	Replace shingles and flashings, gutters and downspouts.	\$ 30,994	Bonding	38.6					
248	DPW	DPW - Replace Street Sweeper	Replacement of vehicle taken out of service: Vehicle #148. Dept will not have minimum (6 ea) needed to complete 4 sweeps/yr efficiently.	\$ 160,000	Bonding	38.6					
249	DPW	Municipal parking lot reconstruction - Pelham St.	Resurface parking lots approximately every 15 years for preventative maintenance- last paved prior to 1987.	\$ 100,000	Bonding	38.5					
250	Public Buildings	Nonantum Library-Mechanical	Replace baseboard heating on first floor. Provide pipe insulation for steam and condensate piping. Replace air handling unit in basement with a new AHU with new	\$ 110,052	Bonding	38.3					
251	Public Buildings	Kennard Estate - Foundation Work	Repair concrete basement floor. Repair, point and paint foundation walls.	\$ 62,268	Bonding	38.3					
252	Public Buildings	Nonantum Library-Roofs	Remove and replace slate roof. Install new gutters and downspouts. Remove and replace existing flat roof.	\$ 161,095	CPA Eligible	38.1					
253	City Clerk	City Hall - Increase City Clerk Archive Storage in Basement	Develop plans to expand archival storage to accommodate and preserve archival collections and to comply with MGL mandated record storage requirements.	\$ 100,000	CPA Eligible	38.1					
254	Public Buildings	Public Buildings Department-Mechanical	Replace (2) duct mounted steam coils and baseboard heaters • Replace fan coil ductwork with new insulated ductwork. Provide make up air dampers and control for	\$ 115,806	Bonding	38.0					
255	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.	\$ 235,296	Bonding	37.8					
256	Public Buildings	Auburndale Library - Exterior Windows & Doors	Remove existing exterior wood doors and frames and replace with new doors and hardware (3ea.) • Repair/replace 20% of lead solder, woodwork and storms at building windows (16ea).	\$ 127,280	CPA Eligible	37.7					
257	Parks/Rec	Pelligrini Park Field House - Electrical Upgrades	Upgrade lighting for energy efficiency. Provide protective cages over lighting fixtures in gym. Upgrade conduit and wiring and replace electrical panelboards.	\$ 176,183	Bonding	37.6					
258	Parks/Rec	Gath Pool - Accessibility/Site Upgrades	Rebuild accessible ramp and railings. Resurface interior accessible paths between the locker rooms and toilet areas.	\$ 100,000	Bonding	37.5					
259	Jackson Homestead	Jackson Homestead - Interior Finishes and Accessibility Upgrades	Install accessible toilet room in basement. Provide automatic door opener at basement exit. Repair, paint, preservation work of existing millwork/finishes through out.	\$ 89,100	CPA Eligible	37.5					
260	Schools	Ed Center - Accessibility Upgrades	Upgrade elevator, door hardware, and signage for accessibility. Estimate increased	\$ 400,000	Bonding	37.3					

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Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
261	Schools	FA Day School - Accessibility Upgrades / Replace Elevator	ADA Compliant elevator, toilet rooms, door hardware, and signage	\$ 300,000	Bonding	37.3					
262	City Clerk	City Hall - Renovate/ Reconfigure Clerk's Office/Archives Area	Implement 2008 plan for separate climate controlled archive area; create space for private meetings with staff and BOA. Address water infiltration issues and repair interior finishes. Replace main electrical service to building and panelboard. Upgrade lighting for energy efficiency.	\$ 350,000	Bonding	37.3					
263	Parks/Rec	Newton Corner Library - Electrical Upgrades	Upgrade lighting for energy efficiency.	\$ 85,447	Bonding	37.0					
264	Public Buildings	Nonantum Library-Electrical	Replace wiring and bring up to code. Upgrade interior lighting. Replace electrical panel and main electrical service.	\$ 101,637	Bonding	36.8					
265	Police	Police Garage - Electrical Upgrades	Connect Garage to generator. Upgrade interior and exterior lighting for energy efficiency. Replace conduit, wiring, and distribution panel. Upgrade smoke/fire detection system.	\$ 206,862	Bonding	36.8					
266	Public Buildings	City Hall - Fire Protection	Install sprinkler system in conjunction with any major building up-grade. And addressable fire alarm.	\$ 1,215,000	Bonding	36.8					
267	DPW/ Sewer	Sewer Inflow/ Infiltration - Nonantum Area (FY17-18)	Nonantum Area - Sewer (I/ Removal); Year 1: Investigation and Assessment; Year 2: Design and Construction	\$ 569,250	Enterprise Funds	36.6					\$ 569,250
268	Public Buildings	City Hall - Plumbing Upgrades	Replace all cold and hot water piping. Provide insulation for all piping.	\$ 136,500	Bonding	36.5					
269	Parks/Rec	Lower Falls Community Center - Install Sprinklers	Additional renovation work will trigger sprinkler requirement.	\$ 144,000	Bonding	36.5					
270	DPW	Municipal parking lot reconstruction - Pleasant St.	Resurface parking lots approximately every 15 years for preventative maintenance- prior to 1987; >20 yrs old	\$ 100,000	Bonding	36.3					
271	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	Bonding	36.2					
272	DPW	Engineering Map Scanning project	Current maps are deteriorating rapidly. A new storage system would allow DPW to store maps after scanning. Proposed to be a phased project to preserve asset.	\$ 1,000,000	CPA Eligible	36.2					
273	Parks/Rec	Gath Pool Swim Facility Design and Construction	Replace outdated / failing City Pool Facility. Existing building is naturally vented to outside putting pipes and interior surfaces at risk of failure. Not well designed for NE.	\$ 3,500,000	Bonding	36.1					
274	Fire Dept	Fire Station #2, West Newton - Renovation	6th station out of 7 buildings to be renovated. Design funds in FY17. Work includes mechanical, electrical, plumbing code compliance and accessibility upgrades.	\$ 5,000,000	Bonding	35.8					
275	Public Buildings	City Hall - Create Customer Service Lobby Counter	Create 1-stop visitor center to improve wayfinding and service to visitors and to relieve activity in Depts.	\$ 60,000	Bonding	35.8					
276	Schools	Ed Center - Life Safety Upgrades	Install code required fire suppression system with any significant work in the building.	\$ 800,000	Bonding	35.7					
277	Schools	Ward School - Mechanical Upgrades	Replace second boiler and steam trap work.	\$ 300,000	Bonding	35.7					
278	DPW	Cold plane and pave 12 Streets	Berkeley St, Ridge Ave, Pine Grove Ave, Newtonville Ave, Bound Brook Rd, Clearwater Rd, Peabroke St, Westminster Rd, Deforest Rd, Durant St, Glen Rd, Stiles Ter	\$ 984,744	Chapter 90	35.6					\$ 984,744
279	DPW	Streetlights - Gaslight Conversion for Energy Efficiency (approx. 75 lights)	Potential to install photocell actuated valve with an auto-igniter to turn lights off during the day. Simpler approach and potentially much quicker payback. Convert 19 gas lights to	\$ 234,000	Bonding	35.3					
280	Police	Police Garage - Roof Replacement	Repair/replace roof as required. Repair water divertor located above support service bureau door.	\$ 192,604	Bonding	35.1					

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Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
361	Schools	Zervas School - Sitework, Repave Parking Area	Repave parking and create accessible parking spaces	\$ 150,000	Bonding	22.2					
362	Schools	Williams School - Sitework	Repave Parking area, sidewalks	\$ 240,000	Bonding	22.2					
363	Schools	Mason Rice School - Sitework, Repave Parking Area	Parking area, sidewalks, create accessible parking spaces at main entry	\$ 250,000	Bonding	22.2					
364	Schools	Bowen School - Accessibility Upgrades	Signage, hardware, railings and assembly spaces	\$ 100,000	Bonding	21.3					
365	Schools	Restore and Install WPA Murals from Newton North HS	Two Canvas WPA Wall Murals were saved from the recently demolished 1973 NNHS. Identify installation locations, restore and install. Now stored at NSHS.	\$ 50,000	CPA Eligible	21.3					
366	Schools	Pierce School - Sitework, Pave Parking Area	Parking, sidewalks, accessible entrance	\$ 300,000	Bonding	21.0					
367	DPW	Elliot St. Garage - Roof Repair/Replacement	Replace/repair EPDM roof. Replace damaged roof panels.	\$ 90,676	Bonding	20.5					
368	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	Bonding	20.3					
369	DPW	Elliot St. Operations Building - Interior and Finish Upgrades	Replace stairs to the basement. Repaint steel framing in attic. Repair deteriorated concrete and CMU. Upgrade lighting upgrades and install new acoustical ceilings.	\$ 146,600	Bonding	20.1					
370	Schools	Lincoln Elliot School - Accessibility Upgrades	Hardware, Elevator, Entrance ramp, signage	\$ 940,000	Bonding	20.1					
371	Parks/Rec	Replace Parks Rubbish Truck (2008 #414)	Replacement of vehicle that is used daily for operations; exceeded its useful life.	\$ 120,000	Bonding	19.7					
372	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	Bonding	18.2					
373	Police	Police Garage - Create Bulk Storage/Archives	Increase valuable floor space for property, evidence, office supplies; Homeland Security equipment, and document archives in Support Services Bureau and Police Garage.	\$ 75,000	Bonding	16.0					
374	Schools	Burr School - Electrical Upgrades	Replace panels and sub-panels	\$ 100,000	Bonding	14.7					
375	Schools	Brown School - Accessibility Upgrades	Replace existing Elevator for code compliance, signage, hardware, reconfigure locker rooms	\$ 600,000	Bonding	14.7					
376	Schools	Williams School - Mechanical Upgrades	Direct Digital Controls conversion for HVAC system.	\$ 200,000	Bonding	13.7					
377	DPW	New DPW Equipment Shelter - Crafts St	Provide covered storage for vehicles and equipment	\$ 150,000	Bonding	13.4					
378	Parks/Rec	Replace Parks Two-Ton Cab Over Dump Truck (replace 2010 truck #433)	Replacement of vehicle that is used daily for maintenance operations that exceeded its useful life span.	\$ 75,000	Bonding	13.4					
379	DPW	Convert 140 City Streetlights on Route 9 to Energy Efficient Fixtures (LED)	Convert 140 existing high pressure sodium streetlights to LED lights. Rt 9 lights conversion to LED proposed for FY 13.	\$ 75,000	Bonding	12.5					
380	Schools	Countryside School - Accessibility Upgrades	Signage, hardware, accessible entrance	\$ 150,000	Bonding	10.2					

Police

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Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
1	Schools	Bigelow School - Repair/Replace Concrete Entry Stairs	School request to reevaluate this project as potential lower priority. Main entrance stair/ramp crumbling due to improper drainage. Water trapped behind stair freezes causing severe damage. Water trapped behind stair freezes causing severe damage. Funding for design needed in FY12 for building to be ready for students in Fall 2014 (\$750K). Prioritized as swing space for future school rehabilitations/replacements. Plumbing is failing.	\$ 385,000	Bonding	71.7	\$ 350,000				
2	Public Buildings	Carr Building Renovation		\$ 5,200,000	Bonding	71.0	\$ 1,000,000	\$ 3,450,000			
3	DPW/ Storm	Repair Storm Drain at Webster St - Crescent St	Pipe is crushed; routinely flooding abutter resident properties.	\$ 200,000	Enterprise Funds	70.6	\$ 200,000				
4	Schools	Angier School - Renovation of Replacement and Swing Space	School request to make this a higher priority. Feasibility Study Funding needed in FY12 if invited into MSBA Process. Renovate/replace 92 year old school due to poor condition.	\$ 30,000,000	Bonding /MSBA	69.4	\$ 750,000	\$ 2,250,000	\$ 10,000,000	\$ 7,000,000	
5	Fire Dept	Fire Station #3 - Renovate/Replace Newton Centre Station	Currently in design study for renovation. Co-located w/ Fire HQs but not included in project. Upgrade 60 yr old building systems, include code compliance, accessibility, accommodate Add six classrooms and expand cafeteria to accommodate growing student enrollment. Project requires installation of fire suppression sprinkler system throughout the building.	\$ 5,700,000	Bonding	67.1			\$ 700,000	\$ 5,000,000	
6	Schools	FA Day Middle School - Additional Classrooms and Cafeteria Expansion	Remove/replace parapet cap flashing to stop active leaks into building at perimeter of roof. Reseal membrane roofseams. Remove and repoint brick. Replace interior water damaged Chestnut to Needham St & Eliot to Chestnut. Cleaning and lining 1,544 LF of 16" and 8" water main, 1892. This precedes scheduled roadway paving. (FY13)	\$ 6,652,000	Bonding	65.4	\$ 6,009,000				
7	DPW/ Water	Utilities Building - Envelope and Roof Repairs	Remove/replace parapet cap flashing to stop active leaks into building at perimeter of roof. Reseal membrane roofseams. Remove and repoint brick. Replace interior water damaged Chestnut to Needham St & Eliot to Chestnut. Cleaning and lining 1,544 LF of 16" and 8" water main, 1892. This precedes scheduled roadway paving. (FY13)	\$ 252,000	Enterprise Funds	63.9	\$ 192,948				
8	DPW/ Water	Clean and Line Water Main on Oak St	Cleaning and lining approx 300 ft of 8" water main, 1886. Project services key operational facilities to include City Hall, the Library, and an NSTAR transformer station. Work linked to Replacement of existing city vehicle/equipment for Utilities construction work. Vehicle a prime snow clearing and sanding piece of equipment during winter.	\$ 535,680	Enterprise Funds	63.4	\$ 535,680				
9	DPW/ Water	Clean & Line Water Main on Homer St - Comm Ave to Walnut St	Cleaning and lining approx 300 ft of 8" water main, 1886. Project services key operational facilities to include City Hall, the Library, and an NSTAR transformer station. Work linked to Replacement of existing city vehicle/equipment for Utilities construction work. Vehicle a prime snow clearing and sanding piece of equipment during winter.	\$ 250,200	Enterprise Funds	62.5	\$ 250,200				
10	DPW/ Sewer	Replace Large Constr vehicle # 326 & #318	Replacement of existing city vehicle/equipment for Utilities construction work. Vehicle a prime snow clearing and sanding piece of equipment during winter.	\$ 276,000	Enterprise Funds	62.2	\$ 276,000				
11	Parks/Rec	Parks/Recreation Dept HQs - ReUse Consideration	Rec Dept HQs recommended work. Building envelope and boiler are highest needs. In re-use process.	\$ 580,000	Bonding	62.2	Submitted for Re-Use Determination				
12	Schools	Countryside School - Investigate, Design and Resolve Water Infiltration	Resolve active water infiltration causing damage to boiler room equipment. Include enhanced property drained sump pump and notification system. Seal foundation penetration, site grading.	\$ 100,000	Bonding	61.9	\$ 100,000				
13	DPW/ Water	Clean and Line Water Main on Temple St	Cleaning and lining 3,600 LF of 8" water main, 1889. Deteriorated pipe condition discovered while performing pipe rehabilitation tie-ins on W. Newton hill. Roadway will be paved	\$ 680,000	Enterprise Funds	61.1	\$ 680,000				
14	DPW/ Sewer	Sewer Inflow / Infiltration Project - Newtonville Area (FY12-13)	Newtownville Area - Sewer /I Removal; Investigation (FY12), Design and Construction (FY13)	\$ 3,337,875	Enterprise Funds	60.8	\$ 3,337,875				
15	DPW/ Water	Clean and Line Water Main at Lowell Ave - Crafts to Washington	Cleaning and lining 2,332 LF of 6" & 8" water main, 1877. Includes the renewal of old water services to homes. This precedes scheduled roadway paving.	\$ 419,760	Enterprise Funds	60.6	\$ 419,760				
16	DPW	Crafts Street Garage - Roof Repair/ Replacement	Active roof leaks. Repair flashing. Remove and replace existing main roof with new EPDM Roof. FY13 includes design and phase 1 construction. FY14 includes phase 2 construction.	\$ 581,810	Bonding	60.6	\$ 260,000	\$ 321,810			
17	DPW	Crafts Street Garage - Building Envelope Repairs	Repair/rebuild addition that has settled 2 1/2"; potential impact to structure and systems. Replace lower roof parapet when replacing complete lower roof. Repair rear 1919	\$ 348,600	Bonding	60.6	\$ 60,000	\$ 288,600			
18	DPW/ Water	Replace Water Main on Melrose Street (FY13)	Replace 2,100 LF of 6" water main with 8", 1876. Effects Fire Flow and ISO Rating. This precedes scheduled roadway paving.	\$ 420,000	Enterprise Funds	60.5	\$ 420,000				
19	DPW	Cold plane and pave 28 Streets	Jasset St, Summer St, Willard St, Prospect St, Rolling Ln, Ardmore Rd, Myrtle St, Stearns St, Fairview Ter, Beech St, Randolph St, Longmeadow Rd, Shaw St, Faxon St, Putnam St,	\$ 2,902,864	Chapter 90	60.4	\$ 2,902,864				
20	DPW	DPW - Replace Street Sweeper	Replacement of vehicle taken out of service. Vehicle #148. Dept will not have minimum (6 ea) needed to complete 4 sweeps/yr efficiently. Contracting out services is alternative at	\$ 160,000	Bonding	60.3	\$ 160,000				

Fire

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Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
21	Schools	Ward School - Masonry Preservation and Rehabilitation	Active water leaks throughout masonry envelope. Work being phased. First 250K in FY12 approved School CIP to address worst areas. Work in FY14 could potentially move to FY15.	\$ 750,000	Bonding	60.3	\$ 250,000	\$ 250,000			
22	DPW	Install Pedestrian Signal at Parker & Theodore	80 children/day are crossing Parker to one of three schools. Traffic speeds are typically 40 mph - a crosswalk w/o a signal is dangerous.	\$ 75,000	Chapter 90	60.1	\$ 75,000				
23	Health	Health Department Bldg - Re-Use Consideration	All Health Dept Building Recommended work. Envelope is highest need. Building is being put into re-use.	\$ 1,019,421	CPA Eligible	60.1	Submitted for Re-Use Determination				
24	Schools	Bowen School - Masonry Repairs	School request to reevaluate this as potential lower priority. Address active foundation leaks at window wells into classroom space. Investigate and Repair general envelope	\$ 85,000	Bonding	60.0	\$ 60,000				
25	DPW/ Water	Replace 2002 Int. crew on-call truck #309	Replacement of existing city vehicle/equipment. To maintain the construction/sanding fleet, requires replacement. Life span of vehicles is 20 yrs.	\$ 120,000	Enterprise Funds	59.5	\$ 120,000				
26	Fire Dept	Replace Fire Dept Aerial Ladder Truck (Ladder 1)	Replace Ladder 1. 15 years old. Maxed out on life expectancy, and should be used as a spare. Spare Ladder 4 (1989 Eone) will be taken out of service.	\$ 1,000,000	Bonding	59.5	\$ 1,000,000				
27	Schools	Oak Hill School - Flooding Issue	Address grading issues and reroute downspouts to take water away from building. Water floods into music room and adjoining classrooms. \$100K spent to date to repair damages -	\$ 100,000	Bonding	59.4	\$ 100,000				
28	IT	Install Citywide IT Data Network	IT Advisory Cmte recommends the implementation of City-wide network as high priority imperative to improve speed, reliability, and security to build the framework for major	\$ 1,000,000	Bonding	59.1	\$ 500,000	\$ 250,000	\$ 250,000		
29	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 extreme.	\$ 250,000	Bonding	59.0	\$ 250,000				
30	DPW/ Sewer	Sewer Inflow/Infiltration Project - West Newton Area (Investigation FY13)	West Newton Area - Sewer I/ Removal; Year 1: Investigation and Assessment; Year 2: Design and Construction (FY14)	\$ 5,119,625	Enterprise Funds	58.7	\$ 902,000	\$ 4,217,625			
31	DPW/ Water	Clean and Line Water Main on Cherry St	Derby St to Washington St (FY14). Cleaning and lining 3,060 LF of 6" & 8" water main, 1876. Concrete panels in roadway.	\$ 550,800	Enterprise Funds	58.6	\$ 550,800				
32	DPW/ Water	Clean and Line Water Main on Webster St	Walham to Wolcott (FY14). Cleaning and lining 3,150 LF of 8" water main, 1932. This precedes scheduled roadway paving.	\$ 759,000	Enterprise Funds	58.6	\$ 759,000				
33	DPW/ Water	Washington Street Water Main Improvements	Clean & line approximately 9500 linear feet of 12" diameter pipe on Washington Street to ensure ISO Fire Flows. Church St to Chestnut St.	\$ 2,700,000	Enterprise Funds	57.8	\$ 2,700,000				
34	Fire Dept	Fire Station #4, Crafts Street - Repair, Windows and Masonry	Masonry work in progress to address identified issues at lintels. Scope and revised cost of remaining work TBD. Independent investigation confirmed window manufacture defects are	\$ 225,000	Bonding	57.7	\$ 225,000				
35	Parks/Rec	Gath Pool - Plumbing and Finish Upgrades	Replace tile floors with epoxy flooring. Seal concrete to reduce ground water infiltration. Replace the broken water meter, sump pump and piping. Potential for abatement.	\$ 258,534	Bonding	57.3	\$ 150,000	\$ 108,534			
36	Fire Dept	Fire Station #10 Renovation	Need to address aging systems, code upgrades, access and accommodate female firefighters. Roof and mechanical highest needs. Less priority than Station #3 but more straight	\$ 3,000,000	Bonding	56.7	\$ 600,000	\$ 2,400,000			
37	Schools	Burr School - Mechanical Upgrades	School request to reevaluate this as potential lower priority. Pneumatic heating controls have failed. On-going heat issues. Currently spend approx. \$30K/yr to replace t-stats. This project	\$ 250,000	Bonding	56.7	\$ 250,000				
38	Parks/Rec	Crystal Lake Bathroom - Roof Repair/ Replacement	Roof repair/replacement to address water infiltration into stairwell which will cause further deterioration of masonry and effluence.	\$ 75,000	Bonding	56.5	\$ 75,000				
39	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 and efficiency for consistent heating/cooling.	\$ 187,977	Bonding	56.4	\$ 87,977				
40	DPW/ Water	Replace Water Main at Wolcott St - Webster to Ionia (FY14)	Replace 1,150 LF of 6" water main with 8", 1905. This precedes scheduled roadway paving.	\$ 230,000	Enterprise Funds	56.3	\$ 230,000				

Fire

CITY OF NEWTON, MA CIP 2013-2017 - Updated 1/23/12

Project No	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
41	Fire Dept	Replace Fire Dept Rescue Truck and Rescue Boat	Replace Special Ops. 1994 Ford (174,000 miles) and Zodiac type rescue boat. Rescue truck needed for specialized rescue. Special Ops gets taken out of service.	\$ 600,000	Grant	56.1					
42	DPW	Cold Plane and Pave Highland Ave (Lowell to Chestnut)	Cold plane and overlay - Pavement Condition Index (PCI) = 52. Paved 1993. 3232 LF. Local thru.	\$ 232,704	Chapter 90	55.7		\$ 232,704			
43	Schools	Horace Mann - School Life Safety Upgrades	Horace Mann, - Replace emergency generators with smaller units and install battery back-up emergency egress lighting system.	\$ 350,000	Bonding	55.6		\$ 100,000			
44	DPW/ Water	Chestnut Street water improvements	Clean & line approximately 1600 linear feet of 12" diameter pipe on Chestnut Street from Elliot Street to Boylston Street.	\$ 450,000	Enterprise Funds	55.2		\$ 450,000			
45	DPW/ Water	Broadway water improvements	Clean & line approximately 1100 linear feet of 6" diameter pipe on Broadway from Linwood Avenue to Watertown Street.	\$ 250,000	Enterprise Funds	55.2		\$ 250,000			
46	Parks/Rec	Newton Centre Playground Phase IV - Accessible Route	Add ADA compliant access route to a portion of Newton Centre Playground. Approved for CDBG funding by the City's Commission on Disability.	\$ 40,000	CDBG	55.1	\$ 40,000				
47	Public Buildings	City Hall - Exterior Windows & Doors	Restore / Replace windows in four phases to improve energy efficiency, functionality and comfort.	\$ 1,000,000	CPA Eligible	55.1					
48	Parks/Rec	Newton Corner Library - Exterior Windows & Doors	Restore/replace exterior doors; include historically appropriate hardware. Restore windows. Weatherstrip and seal for energy efficiency. Window bay foundation repairs.	\$ 216,923	CPA Eligible	55.1					
49	DPW	DPW - Replace Large Construction Truck (FY14)	Replacement of vehicle taken out of service. Vehicle #87. Will not have minimum required (36) sanding fleet for snow. Also used for construction work.	\$ 150,000	Bonding	55.0		\$ 150,000			
50	DPW/ Water	Lowell Avenue water improvements	Clean & line approximately 800 linear feet of 6" diameter pipe on Lowell Avenue from Crafts Street to Walnut Street.	\$ 200,000	Enterprise Funds	54.9		\$ 200,000			
51	DPW/ Water	Adams Street water Main Improvements	Clean & line approximately 2600 linear feet of 6" diameter pipe on Adams Street from Washington Street to Watertown Street.	\$ 600,000	Enterprise Funds	54.4		\$ 600,000			
52	DPW/ Water	Charles St/Auburn Street water Main Improvements	Replacement of approximately 700 lf of existing water main with new 12" water main on Charles Street from Auburn Street to Newland Street and approximately 1200 lf of existing water	\$ 800,000	Enterprise Funds	54.4		\$ 800,000			
53	DPW/ Water	Pleasant Street water improvements	Clean & line approximately 1200 linear feet of 6" diameter pipe on Pleasant Street from Cherry Street to Waltham Street.	\$ 270,000	Enterprise Funds	54.2		\$ 270,000			
54	DPW/ Water	Nevada Street water improvements	Clean & line approximately 1800 linear feet of 6" diameter pipe on Nevada Street from California Street to Watertown Street.	\$ 400,000	Enterprise Funds	53.7		\$ 400,000			
55	DPW/ Water	Linwood Avenue water improvements	Clean & line approximately 2000 linear feet of 6" diameter pipe on Linwood Avenue from Crafts Street to Adams Street.	\$ 450,000	Enterprise Funds	53.7		\$ 450,000			
56	Schools	Lincoln Eliot School - Mechanical Upgrades	Hot water conversion, 2nd boiler and distribution. Replace existing boiler equipment with a higher priority and to do this project sooner as a repair of the existing system (\$300K)	\$ 1,000,000	Bonding	53.7		\$ 775,000			
57	DPW/ Sewer	Replace 2003 backhoe #327	Replacement of existing city vehicle/equipment	\$ 120,000	Enterprise Funds	53.7		\$ 120,000			
58	DPW/ Water	Clean and Line Water Main on Lowell Ave	Otis to Homer. Cleaning and lining 3,466 LF of 6" water main, 1877. Concrete panels in roadway. This precedes scheduled roadway paving.	\$ 623,880	Enterprise Funds	53.3		\$ 623,880			
59	DPW	DPW - Replace Large Construction Truck (FY14)	Replacement of vehicle taken out of service. Vehicle #40. Used for sanding operations, plowing, and construction	\$ 150,000	Bonding	53.3		\$ 150,000			
60	Schools	Cabot School - Renovation and Addition	First year cost for feasibility study as required for MSBA funding. Must include cost to move to Carr and back to Cabot, and Roof replacement on original building. Anticipate high	\$ 19,800,000	Bonding /MSBA	53.1					\$ 500,000

Fire

CITY OF NEWTON, MA CIP 2013-2017 - Updated 1/23/12

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
61	DPW	DPW Large Construction Trucks Replacement	Replacement of vehicle taken out of service: Vehicle #69 (FY16)	\$ 300,000	Bonding	53.1				\$ 300,000	\$ 300,000
62	Jackson Homestead	Jackson Homestead - Archives Project	Renovate Archives area for compact, environmentally controlled archives storage; add accessible entrance ramp, code compliance and accessibility upgrades	\$ 463,421	CPA Eligible	52.9					
63	DPW/ Storm	Replace Storm Drain at Hillside Ave.	Existing pipe has collapsed. Causing flooding in local area. Minimal property damage.	\$ 200,000	Enterprise Funds	52.6	\$ 200,000				
64	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.	\$ 122,980	Bonding	52.4		\$ 122,980			
65	DPW/ Sewer	Sewer Inflow/ Infiltration - Lower Falls Area (Investigation FY14)	Lower Falls Area - Sewer (I) Removal; Year 1: Investigation and Assessment; Year 2: Design and Construction (FY15)	\$ 3,861,585	Enterprise Funds	52.3	\$ 523,710	\$ 3,337,875			
66	DPW/ Water	California Street water Main Improvements	Replacement of approximately 900' of existing water main with new 12" water main from Jassett Street to Riverdale Avenue	\$ 380,000	Enterprise Funds	52.3	\$ 380,000				
67	Public Buildings	City Hall - Toilet Room Renovations	Upgrade toilet room finishes and reconfigure for accessibility. \$50K added to FY12.	\$ 110,472	Bonding	51.9		\$ 75,000			
68	Schools	School Electrical Upgrades in Elementaries	Elementary school power capacity improvements.	\$ 200,000	Bonding	51.8		\$ 200,000			
69	DPW/ Water	Clean and Line Water Main at Needham St - Oak to Charlemont (FY15)	Cleaning and lining 760 LF of 8" water main, 1880. This precedes upcoming TIP funded road reconstruction project.	\$ 136,800	Enterprise Funds	51.8		\$ 136,800			
70	Library	Newton Free Library - Mechanical Upgrades	Interior air handler replacement, pneumatic DDC conversion, replace chiller controls, repair/restoration of ice tank system.	\$ 1,100,000	Bonding	51.7		\$ 500,000	\$ 100,000	\$ 300,000	
71	DPW/ Water	Walnut Street water Main Improvements	Impacts Fire Flows & ISO rating. Replacement of approximately 3000' of existing water main with new 12" water main from Washington Street to Crafts Street	\$ 1,200,000	Enterprise Funds	51.7	\$ 1,200,000				
72	Public Buildings	Energy Efficiency and Water Conservation Upgrades to City and School Buildings	This project includes remaining 12 Elementary Schools, NSHS, and City Buildings to be done in Phases. NSTAR matching grant	\$ 3,000,000	Energy Stabilizin Fund	51.5			\$ 800,000	\$ 800,000	
73	Schools	Ed Center - Electrical Upgrades	Upgrade electric service, panels and sub-panels.	\$ 225,000	Bonding	51.4		\$ 225,000			
74	Police	Police Headquarters - Mechanical Upgrades	Replace Roof Top Mechanical equipment that is beyond its useful life. Requires a lot of maintenance and service calls	\$ 300,000	Bonding	51.3		\$ 300,000			
75	Public Buildings	City Hall - Envelope - Masonry Repairs	Repair and repoint exterior masonry to preserve building envelope. Address worst areas in first year.	\$ 425,000	Bonding	51.2		\$ 125,000			
76	DPW/ Water	Replace 2002 Int. crew truck #311 (FY15)	Replacement of existing city vehicle/equipment	\$ 125,000	Enterprise Funds	51.0		\$ 125,000			
77	Schools	Franklin School - Electrical Upgrades	Replace Electrical service and upgrade distribution, panels and sub-panels.	\$ 225,000	Bonding	50.9		\$ 225,000			
78	Police	Police Headquarters - Roof Repair/ Replacement	Repair EPDM roof for small leaks. Repair copper cornice roof. Replace fire range roof.	\$ 82,791	Bonding	50.7		\$ 82,791			
79	Parks/Rec	Newton Centre Playground Phase V -Accessibility	Add ADA compliant access route to a portion of Newton Centre Playground. Approved for CDBG funding by the City's Commission on Disability.	\$ 45,000	CDBG	50.3	\$ 45,000				
80	DPW/ Water	Replace Water Main at Lake Ave (FY16)	Replace 4274 LF of 6" CI water main with 8", 1881. Increased diameter required for fire flow, per hydraulic model. This precedes scheduled roadway paving.	\$ 854,800	Enterprise Funds	50.3			\$ 854,800		

Fire

CITY OF NEWTON, MA CIP 2013-2017 - Updated 1/23/12

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
81	DPW	Walnut Street (Homer Street to Route 9) - Final Design	To eliminate the deteriorated roadway condition and enhance public safety. Arterial minor.	\$ 250,000	Grant	50.3	\$ 250,000				
82	Schools	Bigelow School - Mechanical Upgrades	New boilers and associated equipment, distribution and units. Boilers are 54 years old. Replace one boiler in the first year.	\$ 1,200,000	Bonding	50.3		\$ 240,000			
83	Fire Dept	Fire Station #1, Newton Corner - Replace Ext. Windows & Doors	Remove existing windows and replace with energy efficient insulated window units(64ea).	\$ 285,226	Bonding	50.1				\$ 285,226	
84	Fire Dept	Fire Station #2, West Newton - Replace Ext. Windows & Doors	Remove existing wood windows and replace with new energy efficient insulated windows (40ea).	\$ 86,936	Bonding	50.1				\$ 86,936	
85	DPW/ Water	Replace Water Main at Berwick Rd (FY16)	Replace 835 LF of 6" CI water main with 8", 1903. Increased diameter required for fire flow, per hydraulic model. This precedes scheduled roadway paving.	\$ 167,000	Enterprise Funds	49.9				\$ 167,000	
86	Public Buildings	City Hall - Masonry Repairs/Restoration, Memorial Steps	Implement recommendations from 2007 Study of the Memorial Stairs.	\$ 135,000	CPA Eligible	49.9					
87	Public Buildings	Kenard Estate-Exterior Windows & Doors & Building Envelope	Replace wood windows, storms and shutters with insulated historically appropriate window units.Remove screened porch. Repair main deck ceiling. Clean and grout masonry paver deck.	\$ 240,093	CPA Eligible	49.8					
88	Public Buildings	Carr Building - Replace Exterior Windows & Doors	Remove and replace all windows with new historically appropriate insulated thermally broken window units. Remove and replace exterior single hung doors.	\$ 807,183	CPA Eligible	49.8					
89	Fire Dept	Fire Station #1, N. Corner- Building Envelope	Repair and point exterior masonry to preserve building envelope.	\$ 100,000	Bonding	49.7				\$ 100,000	
90	Parks/Rec	Newton Highlands Playground Storm Drainage Analysis/ Phase I Design & Construction	Spring 2008 Master Plan recommends complete \$3.4 Million renovation. Existing serious drainage problems at this park were identified; initial study/prelim. design needed as first step	\$ 1,360,000	Bonding	49.6					
91	Fire Dept	Fire Station #1, Newton Corner - Remove Tanks and Convert to Gas	Remove diesel and heating oil tanks and convert to gas. Other mechanical work with future renovation work.	\$ 75,000	Bonding	49.6				\$ 125,000	
92	Schools	FA Day School - Replace Boilers	Replace two boilers and VAV coil work.	\$ 450,000	Bonding	49.4				\$ 100,000	\$ 350,000
93	DPW	Crafts St DPW Ops (Stable) - Restore Bldg Envelope, Windows and Roof	Repoint/repair lintels and sills and repoint brick veneer. Restore/replace windows, doors and slate roof as historically appropriate. Repair cupola.	\$ 743,369	CPA Eligible	49.4					
94	Schools	Mason Rice School - Mechanical Upgrades	Remove underground oil tank, convert to gas. Replace 2nd boiler, DDC conversion BID with Lincoln Elliot Boiler. FY12 work \$205,000	\$ 730,000	Bonding	49.3				\$ 525,000	
95	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 that should no longer be used.	\$ 600,000	Bonding	49.2				\$ 600,000	
96	Parks/Rec	Pelligrini Park Field House - Mechanical Upgrades	Replace boiler, remove underground storage tank, and convert to gas. Provide new heating controls, fans and heaters.	\$ 150,000	Bonding	49.1				\$ 150,000	
97	Fire Dept	Fire Station #2, West Newton - Repair Building Envelope	Address structural crack in CMU wall first. Repoint/ repair exterior masonry.	\$ 165,536	Bonding	48.6					
98	Jackson Homestead	Civil War Monument Restoration	One of first civil war monuments in the country. School children contributed to its inception. Is dangerous to visitors due to deterioration.	\$ 135,000	CPA Eligible	48.4					
99	Parks/Rec	Replace Burr School Tennis Courts	Replace existing courts at this location	\$ 100,000	Bonding	48.4					
100	DPW/ Water	Clean and Line Water Main at Linwood Ave - Crafts to Fair Oaks, Walnut to Watertown	Cleaning and lining 322 LF of 8" water main, 1877. This precedes scheduled roadway paving.	\$ 253,080	Enterprise Funds	48.4		\$ 253,080			

Fire



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Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
121	DPW/ Water	Center St (Washington to Carlton @ Galen) Water Main Improvements	Cleaning and lining 580 LF of 12" water main 1877. This precedes scheduled roadway paving in outyears.	\$ 104,400	Enterprise Funds	46.6			\$ 104,400		
122	Library	Newton Free Library - Accessibility Upgrades	Accessibility upgrades to toilet rooms. Install accessible counter at reference desk. Replace visual fire alarms to be code compliant. Install accessible drinking fountain.	\$ 109,300	Bonding /CDBG	46.3			\$ 109,300		
123	DPW	Repair / Improve Wales St. Bridge (Wellesley MOU)	Repairs required in response to Mass DOT bridge inspection program findings. Improvements include installation of new guardrails and bridge railing transitions to meet height and	\$ 400,000	Chapter 90	46.2	\$ 400,000				
124	DPW	DPW - Replace Large Construction Truck (FY15)	Replacement of vehicle taken out of service: Vehicle #101	\$ 150,000	Bonding	46.1			\$ 150,000		
125	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. Some RTUs work addressed in current project.	\$ 400,000	Bonding	46.0				\$ 400,000	
126	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 existing path to play area.	\$ 183,500	CDBG	46.0					
127	Public Buildings	Underground Storage Tank Replacements	Police HQ (\$15K), Senior Center (\$10K), Nonantum Library, Auburndale Library	\$ 75,000	Bonding	45.8					
128	Library	Library Book Autocheckin/ Sorting System	Almost 2 million library materials/yr checked in automatically and sorted by material type	\$ 210,000	Bonding	45.8			\$ 210,000		
129	DPW	Cold plane and pave 12 Streets	Crafts St, Vernon St, Hawthorn St, Eldredge St, Linwood Ave, Collins Rd, Grove St, Waban Ave, Elmwood St, Tower Rd, Waban St, Walnut Pl	\$ 1,307,496	Chapter 90	45.8			\$ 1,307,496		
130	DPW/ Water	Replace 2004 Int. crew truck #316 (FY16)	Replacement of existing city vehicle/ equipment	\$ 130,000	Enterprise Funds	45.7			\$ 130,000		
131	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 already purchased and stored in Wires Division.	\$ 163,000	Bonding	45.7				\$ 163,000	
132	Parks/Rec	Lower Falls Community Center - Accessibility/ Site Upgrades	Cost estimate increased to \$296K. Provide accessible toilet rooms, door hardware, and signage. Install a lowered transaction counter in the lobby, and an accessible drinking	\$ 296,000	Bonding /CDBG	45.7				\$ 95,991	
133	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 (\$100K).	\$ 425,000	Bonding	45.6			\$ 250,000	\$ 125,000	
134	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.	\$ 169,918	Bonding	45.5					
135	Schools	Lincoln Eliot School - Plumbing Upgrades	Replace deteriorated sanitary pipe, distribution, risers and vents, toilet rooms. Assess issues in FY14 to determine scope and budget for additional work.	\$ 650,000	Bonding	45.4			\$ 200,000	\$ 450,000	
136	Schools	Oak Hill School - Mechanical Upgrades - Roof Top Units and Distribution System	Replace Roof top units and distribution	\$ 250,000	Bonding	45.4				\$ 250,000	
137	Public Buildings	Kenard Estate- Accessibility/ Site	Provide accessible parking spaces and install accessible entrance ramp. Repair stair nosings and replace handrails.	\$ 127,350	Grant	45.4	\$ 127,350				
138	Senior Center	Senior Center - Accessibility/Site	Bevel level change between 2 different materials. Provide ADA compliant signage and toilets. Replace/repair floor in the womens room so that it is stable, firm and slip resistant.	\$ 49,400	CDBG	45.4			\$ 49,400		
139	DPW	Elliot Street Sand Salt Shed - Structural and Envelope Repairs	Replace damaged wood truss members and braces. Add brace supports at building ends to prevent walls from buckling. Repair wood buttresses and extend push wall 10' higher to	\$ 142,247	Bonding	45.2					
140	DPW/ Water	Elmwood St Water Main Improvements	Replace 560 LF of 6" water main, 1877 with 8". This precedes scheduled roadway paving in outyears.	\$ 112,200	Enterprise Funds	45.2			\$ 112,200		

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CITY OF NEWTON, MA CIP 2013-2017 - Updated 1/23/12

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
161	Parks/Rec	Pelligrini Park Field House - Replace Roofs	Remove and replace lower roofing membrane, gutters and downspouts. Replace upper Gym membrane roof with a new EPDM roof.	\$ 224,265	Bonding	43.9					
162	Parks/Rec	Replace Halloran Field Athletic Lighting (Albemarle)	Replace the athletic lighting at the City's premier athletic complex	\$ 150,000	Bonding	43.8					
163	DPW/ Water	Parker St (Cypress to Boylston) Water Main Improvements	Cleaning and lining 2,876 LF of 6" & 8" water main, 1882. This precedes scheduled roadway paving in outyears.	\$ 517,680	Enterprise Funds	43.8			\$	517,680	
164	DPW	Commonwealth Avenue (Route 128 to Washington Street) - Preliminary and Final Design	To eliminate deteriorated roadway condition to improve public safety and to restore Commonwealth Avenue to previous boulevard status. Arterial minor.	\$ 500,000	Grant	43.7			\$	250,000	\$ 250,000
165	DPW	Washington Street (Commonwealth Avenue to Centre Street) - Preliminary and	To eliminate deteriorated roadway condition and to improve public safety. Arterial minor.	\$ 500,000	Grant	43.7	\$	250,000	\$		
166	Schools	Bowen School - Electrical Upgrades	Replace electrical panels and sub-panels in original buildings.	\$ 50,000	Bonding	43.7					
167	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.	\$ 107,347	Bonding	43.7					
168	Schools	Ward School - Electrical Upgrades	Upgrade electrical distribution system.	\$ 210,000	Bonding	43.7					
169	Parks/Rec	Emerson Community Center - Renovate Toilet Rooms	Renovate toilet rooms and replace all fixtures and finishes.	\$ 106,500	Bonding	43.6					
170	DPW/ Sewer	Sewer Inflow/ Infiltration - Chestnut Hill Area (FY15-16)	Chestnut Hill Area - Sewer (I) Removal; Year 1: Investigation and Assessment; Year 2: Design & Construction (FY16-17)	\$ 6,510,150	Enterprise Funds	43.6		\$	1,257,525	\$	5,252,625
171	Public Buildings	Auburndale Library - Roof Repairs	Repair broken roof slates. Reflash where leaks are occurring. Repair/replace gutters and downspouts. Pitch rainwater leaders away from building foundations.	\$ 50,000	CPA Eligible	43.6					
172	Police	Police Annex - Building Foundation and Envelope	Repaint exterior brick and entry ramp. Repair stone lintels.	\$ 96,000	Bonding	43.6					
173	Parks/Rec	Gath Pool - Electrical Upgrades	Upgrade fire alarm and egress lighting. Upgrade wiring and lighting. Replace electrical panels and add additional exterior outlets per code.	\$ 142,105	Bonding	43.5					
174	DPW/ Water	Replace Water Main at Walnut Pl (Newtonville) (FY16)	Replace 316 LF of 4" water main with 8", 1877. This precedes scheduled roadway paving.	\$ 63,200	Enterprise Funds	43.4			\$	63,200	
175	DPW/ Water	Replace Water Main at Clyde St - Entire Road (FY16)	Replace 1,050 LF of 4" & 6" water main with 8", 1880. This precedes scheduled roadway paving which will occur after FY17.	\$ 210,000	Enterprise Funds	43.4			\$	210,000	
176	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.	\$ 226,218	Bonding	43.4					
177	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.	\$ 125,000	Bonding	43.2					
178	DPW/ Sewer	Replace 1995 Jet truck #369	Replacement of existing city vehicle/ equipment	\$ 240,000	Enterprise Funds	43.1			\$	240,000	
179	DPW/ Sewer	Replace 2001 10-wheeler truck #365	Replacement of existing city vehicle/ equipment (FY16)	\$ 160,000	Enterprise Funds	43.1			\$	160,000	
180	DPW/ Water	Eldredge St Water Main Improvements	Replace 1,606 LF of 4" & 6" water main with 8", 1876. This precedes scheduled roadway paving in outyears.	\$ 321,200	Enterprise Funds	43.1		\$	321,200		

File

CITY OF NEWTON, MA CIP 2013-2017 - Updated 1/23/12

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
201	Parks/Rec	Newton Corner Library - Building Envelope	Repair concrete at front entrance top riser. Install new side entry stairs and handrails. Remove and replace wood stairs. Install vents through out balance soffits.	\$ 114,507	Bonding	41.6					
202	Police	Police Annex - Electrical Upgrades	Replace generator with emergency battery back-up system. Update horn strobes on fire/smoke alarm system for ADA compliance. Upgrade exterior lighting & occupancy sensors. Re-build the main entry ramp to be code compliant. Make ADA door opening device fully functioning.	\$ 139,995	Bonding	41.6					
203	Parks/Rec	Newton Corner Library - Accessibility/Site Upgrades	Provide accessible door hardware, signage and code-compliant lower counters. Install accessible employee toilet room.	\$ 85,800	CD8G	41.6					
204	Police	Police Garage - Accessibility/Site Upgrades	Replace door hardware; Modify door at stairwell or install an automatic door opener. Provide accessible parking space and accessible route from parking to library entrance.	\$ 80,200	CD8G	41.5					
205	Public Buildings	Waban Library-Accessibility/Site Upgrades	Provide accessible toilet rooms, door hardware, signage and drinking fountain. Provide a lower code-compliant transaction counter.	\$ 109,600	CD8G	41.5					
206	Police	Police Annex - 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.	\$ 83,500	CD8G	41.5					
207	Parks/Rec	Burr Park Field House - Accessibility/Site Upgrades	Install an elevator, accessible toilet room, door hardware and accessible drinking fountains; Resurface main entrance ramp and install handrails.	\$ 160,300	Bonding	41.5					
208	Parks/Rec	Emerson Community Center - Accessibility Upgrades	Replace RTUs at Annex, DDC conversion	\$ 202,500	Bonding	41.5					
209	Schools	Countryside School - Mechanical Upgrades	Remove fuel storage tanks and convert to gas. Other mechanical work to be done as part of building renovation.	\$ 250,000	Bonding	41.5					
210	Fire Dept	Fire Station #2, West Newton - Mechanical Upgrades	Several exterior repairs to include repair to front gable, clean and repair masonry columns. Repair window and roof at left side rear. Replace wood cornice at gym. Clean and grout stone Cleaning and lining 3,900 LF of 12" water main, 1908. This precedes scheduled roadway paving in outyears.	\$ 139,336	Bonding	41.4					
211	Public Buildings	Carr Building - Building Envelope Repairs	Repair and repaint water damaged ceilings. Repair basement concrete floor and replace VCT floor. Install new ADA-compliant toilet rooms.	\$ 275,000	Bonding	41.4				\$ 275,000	
212	DPW/ Water	Mill St Water Main Improvements	Upgrade toilet rooms, door hardware, main entrance, etc. to improve handicap accessibility.	\$ 702,000	Enterprise Funds	41.3				\$ 702,000	
213	Public Buildings	Auburndale Library - Interiors and Finishes	Current elevator installed in 1976 and does not meet current ADA requirements.	\$ 170,379	Bonding	41.2					
214	Fire Dept	Fire Department HQ - Accessibility Upgrades	Per CCT review, pipe has partially collapsed and requires repair.	\$ 250,000	Bonding	41.2					
215	Public Buildings	City Hall - Elevator and Accessibility Upgrades	Replace existing cast iron radiators with new steam baseboard units. Remove and replace all old insulation on heating pipes. Potential abatement needed.	\$ 300,000	Bonding / CD8G	41.2					
216	DPW/ Storm	Repair Hammond St Drain	Replace 3ea existing courts at this location	\$ 80,000	Enterprise Funds	41.0					
217	Parks/Rec	Emerson Community Center - Mechanical Upgrades	Preservation of Remaining 24 Tombs in two of the three burying grounds. Priority to South, then East Parish, then West Parish sites.	\$ 68,649	Bonding	41.0					
218	Parks/Rec	Replace Cold Spring Park Tennis Courts	Paint woodwork. Repair joint at base of masonry wall to concrete foundation. Paint roof dormer vents. Repair damaged wood cornice and repaint. Rebuild Bridge Street concrete stairs	\$ 150,000	Bonding	41.0					
219	Jackson Homestead	Restoration of Historic East Burying Grounds		\$ 148,135	CPA Eligible	41.0					
220	Public Buildings	Nonantum Library-Building Envelope		\$ 200,000	Bonding	41.0					

Fire

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
241	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.	\$ 164,300	Bonding	39.0					
242	Fire Dept	Replace Fire Dept Pumper Truck (Engine 3)	Replace Engine 3. A 2004 Pumper Truck and make Engine 3 a spare replacing spare Engine 14, a 1992 pumper. Engine 14 gets taken off the road.	\$ 600,000	Bonding	39.0					
243	Senior Center	Senior Center - Building Envelope	Repoint exterior masonry walls as required. Repair, reset and regROUT main granite front stairs. Repair stone veneer at main entry. Rebuild rear right side areaway and stairs.	\$ 150,000	CPA Eligible	39.0					
244	Parks/Rec	Highlands Fieldhouse-Building Upgrades	Work includes lighting, toilet rooms, roofing and envelope repairs/improvements	\$ 103,847	Bonding	38.8					
245	Fire Dept	Replace Fire Dept Aerial Ladder (Ladder 2)	Replace Ladder 2. 15 years old. Maxed out on life expectancy, and should be used as a spare. Spare Ladder 5 a 1985 Aerial ladder will be taken out of service.	\$ 1,000,000	Bonding	38.8					
246	Fire Dept	Fire Station #1, Newton Corner - Renovation	5th station out of 7 buildings to be renovated. Work includes building envelope, interior finishes, mechanical, electrical, plumbing, life/safety and accessibility upgrades.	\$ 5,200,000	Bonding	38.8					
247	Public Buildings	Kenard Estate-Roofs	Replace shingles and flashings, gutters and downspouts.	\$ 30,994	Bonding	38.6					
248	DPW	DPW - Replace Street Sweeper	Replacement of vehicle taken out of service. Vehicle #148. Dept will not have minimum (6 ea) needed to complete 4 sweeps/yr efficiently.	\$ 160,000	Bonding	38.6					
249	DPW	Municipal parking lot reconstruction - Pelham St.	Resurface parking lots approximately every 15 years for preventative maintenance- last paved prior to 1987.	\$ 100,000	Bonding	38.5					
250	Public Buildings	Nonantum Library-Mechanical	Replace baseboard heating on first floor. Provide pipe insulation for steam and condensate piping. Replace air handling unit in basement with a new AHU with new	\$ 110,052	Bonding	38.3					
251	Public Buildings	Kenard Estate - Foundation Work	Repair concrete basement floor. Repair, point and paint foundation walls.	\$ 62,268	Bonding	38.3					
252	Public Buildings	Nonantum Library-Roofs	Remove and replace slate roof. install new gutters and downspouts. Remove and replace existing flat roof.	\$ 161,095	CPA Eligible	38.1					
253	City Clerk	City Hall - Increase City Clerk Archive Storage in Basement	Develop plans to expand archival storage to accommodate and preserve archival collections and to comply with MGL mandated record storage requirements.	\$ 100,000	CPA Eligible	38.1					
254	Public Buildings	Public Buildings Department-Mechanical	Replace (2) duct mounted steam coils and baseboard heaters. Replace fan coil ductwork with new insulated ductwork. Provide make up air dampers and control for	\$ 115,806	Bonding	38.0					
255	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.	\$ 235,296	Bonding	37.8					
256	Public Buildings	Auburdale Library - Exterior Windows & Doors	Remove existing exterior wood doors and frames and replace with new doors and hardware (3ea.) Repair/replace 20% of lead solder, woodwork and storms at building windows (16ea).	\$ 127,280	CPA Eligible	37.7					
257	Parks/Rec	Pelligrini Park Field House - Electrical Upgrades	Upgrade lighting for energy efficiency. Provide protective cages over lighting fixtures in gym. Upgrade conduit and wiring and replace electrical panelboards.	\$ 176,183	Bonding	37.6					
258	Parks/Rec	Gath Pool - Accessibility/Site Upgrades	Rebuild accessible ramp and railings. Resurface interior accessible paths between the locker rooms and toilet areas.	\$ 100,000	Bonding	37.5					
259	Jackson Homestead	Jackson Homestead - Interior Finishes and Accessibility Upgrades	Install accessible toilet room in basement. Provide automatic door opener at basement exit. Repair, paint, preservation work of existing millwork/finishes through out.	\$ 89,100	CPA Eligible	37.5					
260	Schools	Ed Center - Accessibility Upgrades	Upgrade elevator, door hardware, and signage for accessibility. Estimate Increased.	\$ 400,000	Bonding	37.3					

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CITY OF NEWTON, MA CIP 2013-2017 - Updated 1/23/12

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
261	Schools	FA Day School - Accessibility Upgrades / Replace Elevator	ADA Compliant elevator, toilet rooms, door hardware, and signage	\$ 300,000	Bonding	37.3					
262	City Clerk	City Hall - Renovate/ Reconfigure Clerk's Office/Archives Area	Implement 2008 plan for separate climate controlled archive area; create space for private meetings with staff and BOA. Address water infiltration issues and repair interior finishes. Replace main electrical service to building and interior panelboard. Upgrade lighting for energy efficiency.	\$ 350,000	Bonding	37.3					
263	Parks/Rec	Newton Corner Library - Electrical Upgrades	Replace wiring and bring up to code. Upgrade interior lighting. Replace electrical panel and main electrical service.	\$ 85,447	Bonding	37.0					
264	Public Buildings	Nonantum Library-Electrical	Connect Garage to generator. Upgrade interior and exterior lighting for energy efficiency. Replace conduit, wiring, and distribution panel. Upgrade smoke/fire detection system.	\$ 101,637	Bonding	36.8					
265	Police	Police Garage - Electrical Upgrades	Install sprinkler system in conjunction with any major building up-grade. And addressable fire alarm.	\$ 206,862	Bonding	36.8					
266	Public Buildings	City Hall - Fire Protection	Nonantum Area - Sewer (I/ Removal); Year 1: Investigation and Assessment; Year 2: Design and Construction	\$ 1,215,000	Bonding	36.8					
267	DPW/ Sewer	Sewer Inflow/ Infiltration - Nonantum Area (FY17-18)	Replace all cold and hot water piping. Provide insulation for all piping.	\$ 569,250	Enterprise Funds	36.6				\$ 569,250	
268	Public Buildings	City Hall - Plumbing Upgrades	Additional renovation work will trigger sprinkler requirement.	\$ 136,500	Bonding	36.5					
269	Parks/Rec	Lower Falls Community Center - Install Sprinklers	Resurface parking lots approximately every 15 years for preventative maintenance- prior to 1987; >20 yrs old	\$ 144,000	Bonding	36.5					
270	DPW	Municipal parking lot reconstruction - Pleasant St.	Replace ten 25-year old overhead doors and tracks. Replace exterior entrance doors and vestibule doors.	\$ 100,000	Bonding	36.3					
271	DPW	Crafts Street Garage - Replace Overhead Garage Doors	Current maps are deteriorating rapidly. A new storage system would allow DPW to store maps after scanning. Proposed to be a phased project to preserve asset.	\$ 80,000	Bonding	36.2					
272	DPW	Engineering Map Scanning project	Replace outdated / failing City Pool Facility. Existing building is naturally vented to outside putting pipes and interior surfaces at risk of failure. Not well designed for NE.	\$ 1,000,000	CPA Eligible	36.2					
273	Parks/Rec	Gath Pool Swim Facility Design and Construction	6th station out of 7 buildings to be renovated. Design funds in FY17. Work includes mechanical, electrical, plumbing code compliance and accessibility upgrades.	\$ 3,500,000	Bonding	36.1					
274	Fire Dept	Fire Station #2, West Newton - Renovation	Create 1-stop visitor center to improve wayfinding and service to visitors and to relieve activity in Depts.	\$ 5,000,000	Bonding	35.8					
275	Public Buildings	City Hall - Create Customer Service Lobby Counter	Install code required fire suppression system with any significant work in the building.	\$ 60,000	Bonding	35.8					
276	Schools	Ed Center - Life Safety Upgrades	Replace second boiler and steam trap work.	\$ 800,000	Bonding	35.7					
277	Schools	Ward School - Mechanical Upgrades	Berkeley St, Ridge Ave, Pine Grove Ave, Newtonville Ave, Bound Brook Rd, Clearwater Rd, Pebroke St, Westminster Rd, Deforest Rd, Durant St, Glen Rd, Stiles Ter	\$ 300,000	Bonding	35.7					
278	DPW	Cold plane and pave 12 Streets	Potential to install photo cell actuated valve with an auto-igniter to turn lights off during the day. Simpler approach and potentially much quicker payback. Convert 19 gas lights to Repair/replace roof as required. Repair water diverter located above support service bureau door.	\$ 984,744	Chapter 90	35.6				\$ 984,744	
279	DPW	Streetlights - Gaslight Conversion for Energy Efficiency (approx. 75 lights)		\$ 234,000	Bonding	35.3					
280	Police	Police Garage - Roof Replacement		\$ 192,604	Bonding	35.1					

Fire

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
281	DPW/ Sewer	Replace 2005 Large Constr vehicle # 367 (FY17)	Replacement of existing city vehicle/equipment	\$ 135,000	Enterprise Funds	35.1					\$ 135,000
282	DPW/ Water	Replace 2008 backhoe #328 (FY17)	Replacement of existing city vehicle/equipment	\$ 125,000	Enterprise Funds	35.1					\$ 125,000
283	DPW/ Water	Replace 2004 int crew cab #310	Replacement of existing city vehicle/equipment	\$ 135,000	Enterprise Funds	35.1					\$ 135,000
284	Parks/Rec	Replace Newton South High School Tennis Courts	Replace existing courts at this location. Consider Private-Public Partnership.	\$ 600,000	Bonding	34.9					
285	Fire Dept	Replace Fire Pumper Truck (Engine 7)	Replace Engine 7. pumper. Engine 7 will be come a spare	\$ 600,000	Bonding	34.9					
286	Public Buildings	City Hall - Kitchen Upgrades	Repair, upgrade finishes, equipment in cafeteria kitchen area	\$ 167,424	Bonding	34.8					
287	Schools	Franklin School - Repair Masonry	Repair concrete at areaways and ramps, replace railings	\$ 70,000	Bonding	34.8					
288	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.	\$ 84,800	Bonding	34.7					
289	Parks/Rec	Replace Warren Jr. High Tennis Courts	Replace existing tennis courts at this Warren.	\$ 350,000	Bonding	34.7					
290	Jackson Homestead	Jackson Homestead - Object Collection Storage	Create offsite climate controlled space with appropriate fire protection to house museum collections. Currently no space for care and management of additional materials.	\$ 100,000	CPA Eligible	34.5					
291	Senior Center	Senior Center - Exterior Windows & Doors	Restore/Replace wood windows and aluminum storm windows as historically appropriate.	\$ 125,000	CPA Eligible	34.4					
292	Schools	Burr School - Accessibility Upgrades	Elevator, Toilet Rooms, Door Hardware	\$ 200,000	Bonding	34.4					
293	DPW/ Storm	Pellegrini Park Drain Replacement	Existing pipe has settled causing flooding	\$ 100,000	Enterprise Funds	33.9					
294	Parks/Rec	Gath Pool - Mechanical Upgrades	Install exhaust fans. Replace Heater Pump, piping and fittings. Replace 5 heaters with new gas-fired or electric heaters.	\$ 125,000	Bonding	33.7					
295	Schools	Underwood School - Electrical Upgrades	Upgrades to electrical panels and sub-panels and generator	\$ 100,000	Bonding	33.6					
296	Public Buildings	Waban Library-Exterior Windows & Doors	Refit exterior wood door (1ea). Install panic hardware (3ea) Replace areaway and rear door(2ea). Repair, scrape, prepare surface and paint first floor (20ea) and basement	\$ 118,335	CPA Eligible	33.6					
297	DPW	Elliot St. Operations Building - Mechanical/ Plumbing Upgrades	Boiler upgrades per code requirements. Replace unit heaters and finned tube heaters. Upgrade bathrooms and install new fixtures and finishes. Replace hot water heater.	\$ 169,000	Bonding	33.6					
298	DPW/ Storm	Rehabilitation of Forest Grove Pump Station	Pump station is used for flood and mosquito control of Flowed Meadow and needs upgrades and repair work to function properly.	\$ 60,000	Enterprise Funds	33.5					
299	Schools	Bigelow School - Accessibility Upgrades	Upgrade door hardware and signage for accessibility	\$ 100,000	Bonding	33.2					
300	DPW	Crafts Street Garage - Accessibility/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.	\$ 193,800	Bonding	33.0					

Fire

CITY OF NEWTON, MA CIP 2013-2017 - Updated 1/23/12

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
301	Public Buildings	Waban Library-Electrical	Upgrade interior lighting to improve energy efficiency. Replace electrical panel. Replace exterior lighting to improve safety. Replace main electric service and wiring.	\$ 107,703	Bonding	32.9					
302	Fire Dept	New Fire Dept Combo Lighting / Cascade Truck/ ERU.	Truck used to light up area during night time operations with a cascade system allowing refill of air tanks at the incident; will carry Haz Mat supplies.	\$ 500,000	Bonding	32.7					
303	Schools	Brown School - Life Safety Upgrades	Any significant renovation work triggers new sprinkler requirement.	\$ 1,500,000	Bonding	32.7					
304	Public Buildings	Auburndale Library - Building Envelope	Repair main concrete ramp slab-on-grade (200sf). Grout concrete railing bases at main entry ramp. Repair foundation walls (50lf) at left entry ramp and repair concrete ramp	\$ 77,641	CPA Eligible	32.6					
305	Public Buildings	City Hall - Rehabilitate Board of Alderman Chamber	Restore, Repair and Refinish historic details, woodwork and furniture in the chamber. Repair water damage to ceiling and walls, paint walls and ceiling, improve lighting, improve sound	\$ 500,000	CPA Eligible	32.6					
306	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 drainage.	\$ 243,823	CPA Eligible	32.6					
307	Parks/Rec	Newton Corner Library - Roof Restoration/ Replacement	Replace/restore slate roof as historically appropriate.	\$ 75,503	CPA Eligible	32.5					
308	Schools	Ward School - Preplace Roof	Replace Flat Gym roof	\$ 160,000	Bonding	32.5					
309	Schools	Countryside School - Life Safety Upgrades	Any significant renovation work triggers new sprinkler requirement.	\$ 750,000	Bonding	32.5					
310	Public Buildings	Winchester Street Garage - Building Upgrades	Work includes electrical, mechanical, plumbing, roof and building envelope repairs/improvements	\$ 255,507	Bonding	31.9					
311	DPW	Elliot St. Operations Building - Replace Windows & Doors	Remove and replace windows. Replace overhead doors. Replace exterior and interior doors.	\$ 79,400	Bonding	31.9					
312	Schools	Bigelow School - Life Safety Upgrades	Any significant renovation work triggers new sprinkler requirement.	\$ 1,000,000	Bonding	31.9					
313	Fire Dept	Fire Department HQ Renovation	Current fire station study will bring design to schematic level. Potential to incorporate Headquarters into project with Station #3 at Newton Centre.	\$ 2,500,000	Bonding	31.3					
314	Public Buildings	Auburndale Library - Electrical Upgrades	Add receptacles per code requirements. Replace electrical conduit and wiring and bring up to code. Upgrade interior lighting to improve energy efficiency. Replace electric panel.	\$ 86,607	Bonding	30.9					
315	Jackson Homestead	Restoration of Historic West Burying Grounds	Preservation of Remaining 24 Tombs in two of the three buring grounds.	\$ 146,000	CPA Eligible	30.9					
316	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	Enterprise Funds	30.8				\$	240,000
317	Schools	Countryside School - Replace Windows and Doors	Replace single pane storefront system in connector and annex windows and exterior doors.	\$ 500,000	Bonding	30.5					
318	Schools	Mem Spaulding School - Mechanical Upgrades	Replace 2nd boiler, hot water conversion, and DDC conversion.	\$ 750,000	Bonding	30.5					
319	Schools	Franklin School - Mechanical Upgrades	Replace boilers, hot water conversion, and DDC conversion.	\$ 825,000	Bonding	30.5					
320	Public Buildings	Waban Library-Building Envelope	Replace main entry walk and foundation walls. •Install railing at concrete entry pad. Rebuild side stairs at main entry. Reset flag stone main entry patio area. Rebuild concrete stairs and	\$ 200,000	CPA Eligible	30.4					

Fire

Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
341	Schools	Mem Spaulding School - Accessibility Upgrades	Toilet Rooms, door hardware, water fountains, signage	\$ 300,000	Bonding	26.9					
342	Schools	Brown School - Sitework Paving	Repave parking Area and sidewalks	\$ 140,000	Bonding	26.7					
343	Schools	Pierce School - Accessibility Upgrades	Hardware, Toilet Rooms, Elevator, railings, signage	\$ 1,000,000	Bonding	26.7					
344	Public Buildings	Auburndale Library - Accessibility/Site Upgrades	Install an accessible toilet room. Repair cracked and uneven concrete path, Enlarge concrete landing area to 60" at side entrance and rebuild concrete path; Replace door knobs at	\$ 265,200	CDBG	26.1					
345	Public Buildings	Nonantum Library- Accessibility/Site	Provide visual alarms; Reconfigure entry vestibules; Provide an accessible parking space; Reconstruct ramp to conform to ADA requirements; Accessibility upgrades for toilet room and	\$ 203,900	CDBG	26.1					
346	DPW	New DPW Equipment Shelter - Elliot St	Provide covered storage for vehicles and equipment	\$ 150,000	Bonding	26.1					
347	Schools	Williams School - Accessibility Upgrades	Hardware, openings, toilet rooms, railings, signage	\$ 250,000	Bonding	26.0					
348	Fire Dept	Fire Department HQ - Window Replacement	Replace windows with historically appropriate energy efficient units.	\$ 200,000	Bonding	25.9					
349	Schools	Underwood School - Sitework	Parking, sidewalks, accessible ramp	\$ 200,000	Bonding	25.8					
350	Senior Center	Senior Center - Fire Protection	Install code-compliant sprinkler system in building in conjunction with any major building upgrade.	\$ 169,470	Bonding	25.5					
351	Schools	Ed Center - Plumbing Upgrades	Renovate Toilet rooms	\$ 100,000	Bonding	25.0					
352	Schools	Horace Mann School - Mechanical Upgrades	Replace 2nd boiler, replace modular roof top units	\$ 300,000	Bonding	24.3					
353	Schools	Ward School - Preplace Windows and Doors	Replace windows in gym wing, storefront	\$ 425,000	Bonding	24.2					
354	Schools	Ward School- Life Safety Upgrades	Fire alarm system, signals, pull stations	\$ 190,000	Bonding	24.1					
355	Schools	Countryside School - Plumbing Upgrades	Toilet rooms and water fountains, add fixtures.	\$ 125,000	Bonding	24.0					
356	Parks/Rec	Gath Pool - Replace Roof	Remove and replace existing membrane roof with new EPDM roof.	\$ 121,367	Bonding	23.6					
357	Fire Dept	Replace Fire Dept Pumper Truck (Engine 4)	Replace Engine 4. A 2010 pumper. Engine 4 will become a spare replacing ?	\$ 600,000	Bonding	22.6					
358	Schools	Bigelow School - Replace Lockers	Replace old deteriorated and inadequate lockers to allow children to store heavy backpacks. Current lockers too narrow.	\$ 300,000	Bonding	22.6					
359	DPW/ Storm	Laundry Brook Culvert Repairs	Repair of culverts and brook wall along Laundry Brook	\$ 1,000,000	CPA Eligible	22.5					
360	Schools	Oak Hill School - Sitework, Repave Parking Area	Repave Parking, sidewalks	\$ 120,000	Bonding	22.2					

Fire



Priority	Dept	Project Title	Project Description / Justification	Est Project Cost	Funding Source	Risk Factor	FY2013	FY2014	FY2015	FY2016	FY2017
361	Schools	Zervas School - Sitework, Repave Parking Area	Repave parking and create accessible parking spaces	\$ 150,000	Bonding	22.2					
362	Schools	Williams School - Sitework	Repave Parking area, sidewalks	\$ 240,000	Bonding	22.2					
363	Schools	Mason Rice School - Sitework, Repave Parking Area	Parking area, sidewalks, create accessible parking spaces at main entry	\$ 250,000	Bonding	22.2					
364	Schools	Bowen School - Accessibility Upgrades	Signage, hardware, railings and assembly spaces	\$ 100,000	Bonding	21.3					
365	Schools	Restore and Install WPA Murals from Newton North HS	Two Canvas WPA Wall Murals were saved from the recently demolished 1973 NNHS. Identify installation locations, restore and install. Now stored at NSHS.	\$ 50,000	CPA Eligible	21.3					
366	Schools	Pierce School - Sitework, Pave Parking Area	Parking, sidewalks, accessible entrance	\$ 300,000	Bonding	21.0					
367	DPW	Elliot St. Garage - Roof Repair/Replacement	Replace/repair EPDM roof. Replace damaged roof panels.	\$ 90,676	Bonding	20.5					
368	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	Bonding	20.3					
369	DPW	Elliot St. Operations Building - Interior and Finish Upgrades	Replace stairs to the basement. Repaint steel framing in attic. Repair deteriorated concrete and CMU. Upgrade lighting upgrades and install new acoustical ceilings.	\$ 145,600	Bonding	20.1					
370	Schools	Lincoln Elliot School - Accessibility Upgrades	Hardware, Elevator, Entrance ramp, signage	\$ 940,000	Bonding	20.1					
371	Parks/Rec	Replace Parks Rubbish Truck (2008 #414)	Replacement of vehicle that is used daily for operations; exceeded its useful life.	\$ 120,000	Bonding	19.7					
372	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	Bonding	18.2					
373	Police	Police Garage - Create Bulk Storage/Archives	Increase valuable floor space for property, evidence, office supplies, Homeland Security equipment, and document archives in Support Services Bureau and Police Garage.	\$ 75,000	Bonding	16.0					
374	Schools	Burr School - Electrical Upgrades	Replace panels and sub-panels	\$ 100,000	Bonding	14.7					
375	Schools	Brown School - Accessibility Upgrades	Replace existing Elevator for code compliance, signage, hardware, reconfigure locker rooms	\$ 600,000	Bonding	14.7					
376	Schools	Williams School - Mechanical Upgrades	Direct Digital Controls conversion for HVAC system.	\$ 200,000	Bonding	13.7					
377	DPW	New DPW Equipment Shelter - Crafts St	Provide covered storage for vehicles and equipment	\$ 150,000	Bonding	13.4					
378	Parks/Rec	Replace Parks Two-Ton Cab Over Dump Truck (replace 2010 truck #433)	Replacement of vehicle that is used daily for maintenance operations that exceeded its useful life-span.	\$ 75,000	Bonding	13.4					
379	DPW	Convert 140 City Streetlights on Route 9 to Energy Efficient Fixtures (LED)	Convert 140 existing high pressure sodium streetlights to LED lights. Rt 9 lights conversion to LED proposed for FY 13.	\$ 75,000	Bonding	12.5					
380	Schools	Countryside School - Accessibility Upgrades	Signage, hardware, accessible entrance	\$ 150,000	Bonding	10.2					

Fire