

City of Newton



Setti D. Warren
Mayor

PUBLIC BUILDINGS DEPARTMENT

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NEWTON HIGHLANDS, MA 02461-1605

April 9, 2012

Mayor Setti D. Warren
Newton City Hall
1000 Commonwealth Avenue
Newton, MA 02459

RE: Updates to FY13-17 Capital Improvement Plan

Dear Mayor Warren:

In November 2011, you submitted the FY13-17 CIP to the Honorable Board with the expectation that further discussion, analysis, and planning would follow. This work would adjust the scope of the projects contained therein, refine estimated costs, and evaluate priorities of these and any new projects submitted. The past six months has seen active engagement on this subject, with input from the community through town halls and public hearings in the various committees of the Board of Aldermen.

Today I submit the revisions to the CIP based on comprehensive input to be approved per our Ordinances along with the FY13 budget. Along with this summary of revisions, I submit twelve capital projects for FY13 that are ready for fund appropriation in order to implement the plan. In addition, I have included the introduction of any new capital needs and ultimately prioritized by the CIP Steering Committee. As a living document, changes to the various capital projects in the CIP are made continuously while new additions are reviewed and evaluated at discrete times of the year (October and March).

With your concurrence, I ask that you docket these changes with the Honorable Board in concert with the FY13 budget, to be discussed at their convenience. I am happy to answer any questions you may have.

Sincerely,

Stephanie Kane Gilman
Commissioner of Public Buildings

Encl.

RECEIVED
Newton City Clerk
2012 APR - 9 PM 3:39
David A. Olson, Clerk
Newton, MA 02459

APPROVED

4-9-12

FY2013-2017 Capital Improvement Plan - UPDATE

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Complete CIP listing is posted on City of Newton website at:
<http://www.ci.newton.ma.us/gov/executive/cip/default.asp>

1. FY13-17 CIP Highlights and Summary

Highlights-

With submission of the FY2013-2017 Capital Improvement Plan (CIP) on November 7th, 2011 the intention was to hold multiple follow-up discussions on the plan with both the Honorable Board and the community at large. A robust dialog has occurred over the past five months through three Town Hall meetings hosted by the Mayor, the substantive Committees of the Board of Aldermen, as well as two sessions with the Committee of the Whole. It was always anticipated that through this vetting process and in conjunction with a continued evaluation of the infrastructure needs and solutions, revisions would be made to this plan prior to final review and approval by the Honorable Board with the FY13 Budget.

This CIP was the result of a citywide collaborative process that evaluated proposed capital needs based on both the probability an asset will fail combined with the consequence if it did fail. Using this new risk-based approach, the City was able to prioritize capital needs based on overall impact to the City in areas that merit highest concern. Overlaid with the available funding capacity, the result is the development of a capital improvement plan that spells out the funded capital projects across the City based on priorities.

As a living document, this submission should be viewed as a snapshot in time; while today it finalizes the FY13 projects for appropriation, the scope and priorities of need for FY14-17 projects are continuously developed. Concurrently with this update, the individual FY13 projects ready for appropriation have been submitted separately, to be taken up by the Board at their convenience. Board review of these projects at this stage will allow the funds to be available at the earliest opportunity in the new fiscal year, thereby optimizing the design and construction schedules.

Included in this document is the most updated and final list of proposed FY2013 capital projects organized by funding source. Additionally is a summary of revisions to the CIP since November 2011. Revisions occurred for several reasons: new additions to the list, deletions, changes of scope and cost, and/or changes to schedule. The online version updated FY13-17 CIP is the most updated version and should be sought out for project status.

This new CIP prioritization methodology has received positive feedback as an effective tool to prioritize capital investments across the City. It has truly revolutionized the way we think and plan for capital investment, and will be refined as discussed in the next section in future submittals.

Forward Planning: Departments with multiple large facilities have commenced some of our most intensive planning discussions in years pertaining to building replacement/major rehabilitations. This applies to both the School and Fire Departments.

Substantive long-range planning was initiated with internal presentations at the School Department, with the expectation to expand the discussion in the coming months with the Board of Aldermen, the Massachusetts School Building Authority, and the Newton community regarding the Department's long-range capital needs. This includes an evaluation of the School Information Technology needs which is experiencing unprecedented capacity demands due in part to the explosion of personal devices brought to the schools and use of off-site reference material in the curriculum. While these longer term strategies are still in conceptual form, the intention is to more clearly define them and incorporate them into the FY14-18 CIP in Oct 2012.

Additionally, the City's assessment of our Fire Stations has identified a sequence of extensive improvements, now requiring additional code requirements that have not had to be considered in the past. Considerations of seismic design, sprinkler systems, and accessibility continue to increase pressure on total project cost across our building inventory. As conditions necessary to ensure the facility functions for all occupants in a safe manner, it is important the buildings are brought up to code while addressing space and condition needs.

Summary-

FY13 projects: The updated FY13 project list consists of a total of 66 projects with an estimated value of \$36.5M. This represents an increased value of \$13M (56%) over that proposed in November 2011. This increase is due to new projects that were added (\$3M), alternate funding sources for projects added such as I-Cubed and the tree mitigation fund used for equipment (\$3.5M), revenue-neutral projects through energy investments (\$1.5M), while the scope of other projects has increased (\$5M).

However, the bond schedule remains within 1% of the original ceiling cap. This was possible by realizing the savings in recently completed projects, freeing up over \$5M in savings through "turn backs"; expenses were less than the appropriation authorized. Additionally, several projects were added with little impact on debt service as they were grants (I-cubed), offset payments required by Ordinance (tree mitigation), or were cost neutral projects (energy retrofits).

A significant highlight of this plan is the increased funding for water and sewer infrastructure projects which have increased from FY 12 levels by nearly 40% combined. This is part of a long term strategy to repair aging infrastructure that is crucial to stabilizing rates in the future due to

increased costs due to inflow and infiltration in the sewer system and ensuring proper fire flows and water quality in the water system.

Projects submitted for FY13 appropriation are shown in the next section of this report banded into three broad groups: **NEAR_TERM**, are projects that could start in July and take advantage of the construction season and school recess; **MIDTERM**, anticipates a fall start date, and **LONG TERM**, envisions a winter (2012) or spring (2013) start. Hopefully this schedule information will help the Board plan its work.

FY14-18 CIP: As a result of the vetting process over the past five months, valuable key inputs will be considered for the FY14-18 CIP to be submitted in October 2012 and are briefly highlighted here:

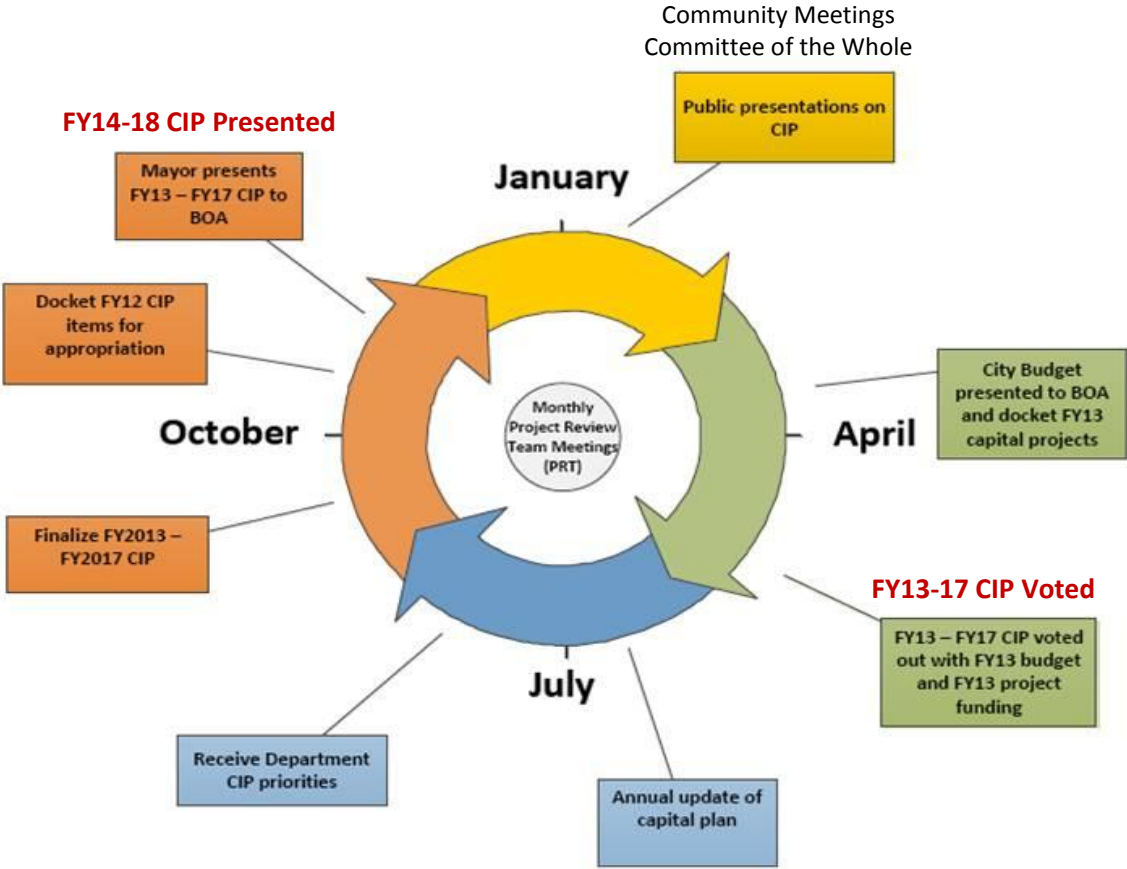
Extended Capital Planning Timeframe: planning for large capital investments cannot be comprehensive if only considered over a limited five year period. As such, the intent for subsequent CIP submissions will be the inclusion of an extended “outlook” for larger capital needs, illustrating the continuity of multi-year investments in the 5-year plan while anticipating the future needs. Building replacements and/or renovation are prime examples of where an extended look ahead is prudent since a project of that scope from start to finish could take up the entire 5-yr planning window.

Energy Conservation Measures and Consequences: projects which realize an energy conservation component in our facilities will be weighted along with other consequences to recognize the importance to the City’s longer range vision as it pertains to public responsibility toward reducing the energy footprint and impacts on the environment. The benefits of a project calculated on the *return on investment* remains, as does the *quality of life* improvements in the local working environment. This will have the effect of raising the priority of projects which address these consequences related to energy conservation.

Moving forward, monthly meetings will continue in preparation for the next cycle of the CIP (illustrated in the next section of this report). Capital requests are continuous now with on-line updates and regular capital needs discussions from all City departments. The CIP Steering Committee will continue to prioritize projects twice a year (October and April); the next review will be for the FY14-18 CIP in October 2012.

To further improve the capital project process, an inter-departmental working group is reviewing the City’s design review and Sec. 5-58 process of the City Ordinances for recommendations on making it more efficient to move projects through the various required reviews and Site Plan Approval.

2. CIP Yearly Calendar



3. FY2013 CIP PROJECTS - SORTED BY FUNDING SOURCE

April 12 2012

Updated Priority	Dept	Project Title	Total Project Cost	FY 2013 Funding	Docketed	Comments / Status
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BONDED PROJECTS

NEAR TERM PROJECTS						
2	Schools	Carr Building Renovation	\$ 8,750,000	\$ 8,450,000	X	Revised estimate. \$300K in FY12 funds docketed for feasibility study.
6	Schools	FA Day Middle School - Additional Classrooms and Cafeteria Expansion	\$ 7,537,000	\$ 6,750,000	X	In Construction Docs. To DRC on 4/26/12. Revised estimate due on 4/26/12.
21	DPW	DPW - Replace Street Sweeper	\$ 160,000	\$ 160,000	X	Sweeper taken off road due to unserviceable condition. Necessary for optimal sweeps/year.
34	Public Buildings	Energy Efficiency Improvements - Multiple Buildings	\$ 4,500,000	\$ 1,500,000	X	Revised estimate and schedule. Utilize NSTAR Preferred Vendor Program for energy improvements w/avg 8 yr payback.
39	Schools	Burr School - Mechanical Upgrades	\$ 250,000	\$ 250,000	X	Project will replace failed pneumatic heating controls with direct digital heating controls (DDC).
46	Schools	Lincoln Eliot School - Mechanical Upgrades	\$ 1,000,000	\$ 250,000	X	Project moved up in priority due to ongoing issues with heating distribution system.
38	Fire Dept	Fire Station #10 Renovation	\$ 4,200,000	\$ 600,000		Conceptual design. Revised estimate based on feasibility study and seismic requirements.
MID-TERM PROJECTS						
36	Fire Dept	Fire Station #4, Crafts Street - Repair/Replace Windows	\$ 90,000	\$ 90,000	X	Revised estimate based on reduced scope.
51	Parks/Rec	Lower Falls Community Center - Accessibility	\$ 300,000	\$ 25,000	X	Revised estimate and schedule. Project will address accessibility requirements.
69	Public Buildings	City Hall - Veteran's Wing Accessibility and Renovations	\$ 300,000	\$ 300,000	X	New project to install accessible ramp, repair masonry, and upgrade mechanical and electrical systems.
14	Fire Dept	Replace Communications Tower Building	\$ 300,000	\$ 260,000		Added to CIP. In design. Project begun in FY12, to be completed with FY13 funding.
12	Schools	Countryside School - Investigate, Design and Resolve Water Infiltration	\$ 100,000	\$ 100,000		In-house engineering evaluating drainage connection to brook.
29	Schools	Oak Hill School - Flooding issue	\$ 100,000	\$ 100,000		Grading needed and possible drain installation. Engineering to scope.
LONG TERM PROJECTS						
17	DPW	Crafts Street Garage - Roof Repair/ Replacement	\$ 581,810	\$ 260,000	X	Settlement of building sections causing failure at seams; leakage in multiple areas of welding shop.
18	DPW	Crafts Street Garage - Building Envelope Repairs	\$ 348,600	\$ 60,000	X	Settlement of bldg addition creating gap between addition and original building. Investigation to determine final scope.
1	Schools	Bigelow School - Repair/ Replace Concrete Entry Stairs	\$ 385,000	\$ 350,000		In design. To be completed with FY13 funding.
26	Schools	Bowen School - Masonry Repairs	\$ 85,000	\$ 60,000		In design/investigation. Work will address water infiltration at back stair, window wells, and chimney deterioration.
37	Parks/Rec	Gath Pool - Plumbing and Finish Upgrades	\$ 258,534	\$ 150,000		Replacement failed plumbing sytem. Finishes will be replaced with appropriate materials that can be exposed to elements. and
BONDED PROJECTS = 18			BONDING TOTAL \$ 19,715,000			

3. FY2013 CIP PROJECTS - SORTED BY FUNDING SOURCE

April 12 2012

Updated Priority	Dept	Project Title	Total Project Cost	FY 2013 Funding	Docketed	Comments / Status
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CDBG PROJECTS

53	Parks/Rec	Newton Centre Playground Phase IV - Accessible Route	\$ 40,000	\$ 40,000		CDBG 5-Year Plan
111	Planning/DPW	Provide ADA Access Curb Cuts	\$ 183,250	\$ 55,900		CDBG 5-Year Plan
CDBG PROJECTS = 2			CDBG TOTAL	\$ 95,900		

CHAPTER 90 PROJECTS

20	DPW	Cold plane and pave 26 Streets	\$ 2,206,300	\$ 2,206,300		Revised dollar amount.												
		PCI - Pavement Condition Index																
		45 Elm Street (from 2011)	\$133,000															
		40 Centre Street at Lyman (from 2011)	\$72,000															
		40 Centre Street at Newton Corner (from 2011)	\$108,900			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Pavement Condition Index (PCI) Rating</th> </tr> <tr> <td style="width: 15%;">26 - 60</td> <td>Poor</td> </tr> <tr> <td>61 - 72</td> <td>Deficient</td> </tr> <tr> <td>73 - 85</td> <td>Fair</td> </tr> <tr> <td>86 - 93</td> <td>Good</td> </tr> <tr> <td>94 - 100</td> <td>Excellent</td> </tr> </table>	Pavement Condition Index (PCI) Rating		26 - 60	Poor	61 - 72	Deficient	73 - 85	Fair	86 - 93	Good	94 - 100	Excellent
Pavement Condition Index (PCI) Rating																		
26 - 60	Poor																	
61 - 72	Deficient																	
73 - 85	Fair																	
86 - 93	Good																	
94 - 100	Excellent																	
		45 Dedham Street at Brookline Street (from 2011)	\$36,000															
		33 Pleasant Street (Tyler Terrace to Centre)	\$84,384															
		45 Pelham Street	\$65,880															
		26 Old Farm Road (Shallow Depth Reconstruction)	\$350,000															
		56 Longmeadow Road	\$36,000															
		51 Peregrine Road	\$90,504															
		57 Putnam Street (Hunter to Temple)	\$57,600															
		58 Shaw Street	\$44,424															
		54 Perkins Street	\$62,928															
		49 Prospect Street (Wahington to Temple)	\$79,200															
		35 Myrtle Street	\$74,448															
		56 Winthrop Street	\$61,416															
		38 Westview Terrace	\$46,944															
		38 Fairview Terrace	\$17,784															
		37 Ardmore Road	\$34,560															
		35 Summer Street	\$36,000															
		58 Beech Street	\$28,728															
		57 Faxon Street	\$50,000															
		72 Jasset Street	\$50,184															
		66 Dudley Road (Boylston to beyond Stonewood)	\$208,080															
		53 Wendell Road	\$128,448															
		47 Boulder Road	\$63,576															
		50 Hull Street	\$105,840															
23	DPW	Install Hybrid Pedestrian Signal at Parker & Theodore	\$ 75,000	\$ 75,000		Project to improve safety at dangerous intersection.												
24	DPW	Install Pedestrian Signal at Crafts St at Linwood Ave	\$ 75,000	\$ 75,000		New project to address dangerous intersection.												
87	DPW	Walnut Street (Homer Street to Route 9) - Final Design	\$ 250,000	\$ 250,000		State MPO will vote for inclusion in TIP. (\$3.1M for construction)												
CHAPTER 90 PROJECTS = 29			CHAPTER 90 TOTAL	\$ 2,606,300														

3. FY2013 CIP PROJECTS - SORTED BY FUNDING SOURCE

April 12 2012

Updated Priority	Dept	Project Title	Total Project Cost	FY 2013 Funding	Docketed	Comments / Status
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PROPOSED CPA PROJECTS

54	Public Buildings	City Hall - Exterior Windows & Doors	\$ 1,000,000	\$ 500,000		CPA Pre-proposal to be submitted May- June 2012.
95	Public Buildings	Carr Building - Replace Exterior Windows & Doors	\$ 807,183	\$ 807,183		CPA Pre-proposal to be submitted May- June 2012.
CPA PROJECTS = 2			CPA PROJECT TOTAL	\$ 1,307,183		

STORM WATER ENTERPRISE FUND PROJECTS

3	DPW/ Storm	Repair Storm Drain at Webster St - Crescent St	\$ 150,000	\$ 150,000		Approved by BOA, Jan 2012.
91	DPW/ Storm	City Hall Ponds Sediment Removal	\$ 320,000	\$ 320,000	X	Scheduled for Fall/Winter construction 2012.
STORMWATER PROJECTS = 2			STORM WATER PROJECT TOTAL	\$ 470,000		

SEWER ENTERPRISE FUND PROJECTS

10	DPW/ Sewer	Replace Large Constr vehicle # 326 & #318	\$ 276,000	\$ 276,000		Critical for construction work and plowing operations.
15	DPW/ Sewer	Sewer Inflow / Infiltration Project - Newtonville Area (FY12-13)	\$ 3,337,875	\$ 3,337,875		Reduction of I/I causing higher assessments from MWRA.
31	DPW/ Sewer	Sewer Inflow /Infiltration Project - West Newton Area (Investigation FY13)	\$ 5,119,625	\$ 902,000		First of multiple phase project to identify I/I across the City.
SEWER PROJECTS = 3			SEWER PROJECT TOTAL	\$ 4,515,875		

WATER ENTERPRISE FUND PROJECTS

7	DPW/ Water	Utilities Building - Envelope and Roof Repairs	\$ 252,000	\$ 252,000	X	Remove/replace parapet cap flashing to stop leaks into building at roof perimeter.
8	DPW/ Water	Clean and Line Water Main on Oak St	\$ 535,680	\$ 535,680		Precedes roadway construction. Already funded, MWRA
9	DPW/ Water	Clean & Line Water Main on Homer St - Comm Ave to Walnut St	\$ 250,200	\$ 250,200		Project services key facilities, including City Hall, library and NSTAR. Already funded, MWRA
13	DPW/ Water	Clean and Line Water Main on Temple St	\$ 680,000	\$ 680,000		Deteriorated pipe condition discovered while performing pipe rehabilitation tie-ins in W. Newton. Already funded, MWRA
16	DPW/ Water	Clean and Line Water Main at Lowell Ave - Crafts to Commonwealth	\$ 419,760	\$ 419,760		Precedes roadway construction. Already funded, MWRA
19	DPW/ Water	Replace Water Main on Melrose Street (FY13)	\$ 420,000	\$ 420,000		Effects Fire Flow and ISO Rationg. Already funded, MWRA
35	DPW/ Water	Washington Street Water Main Improvements	\$ 2,700,000	\$ 2,700,000		Project ensures ISO Fire Flows.
WATER PROJECTS = 7			WATER ENTERPRISE FUNDS TOTAL	\$ 5,257,640		

3. FY2013 CIP PROJECTS - SORTED BY FUNDING SOURCE

April 12 2012

Updated Priority	Dept	Project Title	Total Project Cost	FY 2013 Funding	Docketed	Comments / Status
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PROJECTS WITH OTHER FUNDING

42	DPW	Mass Works Transportation and Pedestrian Improvements	\$ 1,850,000	\$ 1,850,000		New project. State grant through I- Cubed for Chestnut Hill Square. Already approved by BOA.
52	Parks/ Rec	Forestry Equipment for New 3-Man Forestry Crew - Aerial Bucket Truck and Log Loader	\$ 220,000	\$ 220,000		New Capital Equipment. From Chestnut Hill Square - Receipts Reserved Account
30	IT	Install Citywide IT Data Network	\$ 1,000,000	\$ 500,000	X	To be funded through cable license fees.
OTHER FUNDS TOTAL			\$	2,570,000		

TOTAL FY13 PROJECTS = 66	TOTAL FY2013 CIP	\$ 36,537,898
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4. SUMMARY OF CHANGES TO THE CIP

April 12 2012

Updated Priority	Dept	Project Title	Total Project Cost	Funding Source	FY 2013	FY2014	FY2015	Change from Nov 2011 CIP
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REVISED PROJECTS (Scope, Budget, Funding Source)

SCHEDULE REVISED								
34	Public Buildings	Energy Efficiency Improvements - Multiple Buildings	\$ 4,500,000	Energy Stabilization	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	Revised schedule to make improvements that will improve operations, environment and meet Green Community goals.
46	Schools	Lincoln Eliot School - Mechanical Upgrades	\$ 1,000,000	Bonding	\$ 250,000	\$ 525,000		Project moved up in priority due to ongoing issues with heating distribution system.
51	Parks/Rec	Lower Falls Community Center - Accessibility	\$ 300,000	Bonding	\$ 25,000	\$ 275,000		Project move up in schedule to meet requirements.
FUNDING SOURCE CHANGED								
30	IT	Install Citywide IT Data Network	\$ 1,000,000	Cable Fees	\$ 500,000	\$ 250,000	\$ 250,000	To be funded through cable license fees, not bonding.
COST ESTIMATE REVISED								
2	Schools	Carr Building Renovation	\$ 8,750,000	Bonding	\$ 8,450,000			Project estimate increased by \$3.55M. \$300K in FY12 funds docketed for feasibility study to refine scope/budget.
3	DPW/Storm	Repair Storm Drain at Webster St - Crescent St	\$ 150,000	Enterprise Funds	\$ 150,000			Estimate reduced by \$50,000. Approved by BOA, Jan 2012.
6	Schools	FA Day Middle School - Additional Classrooms and Cafeteria Expansion	\$ 7,537,000	Bonding	\$ 6,750,000			Project estimate increased by \$741,000. In Construction Docs. To DRC on 4/26/12. Revised estimate due on 4/26/12.
20	DPW	Cold plane and pave 26 Streets	\$ 2,206,300	Chapter 90	\$ 2,206,300			Budget reduced by \$696,564 based on funding. Already funded.
34	Public Buildings	Energy Efficiency Improvements - Multiple Buildings	\$ 4,500,000	Energy Stabilization	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	Total budget increased by \$2.9M and schedule moved up. Improvements avg 8 yr payback. Savings/rebates fund projects
36	Fire Dept	Fire Station #4, Crafts Street - Repair/Replace Windows	\$ 90,000	Bonding	\$ 90,000			Estimate reduced by \$135,000 based on recommended reduced scope to solve leaks.
38	Fire Dept	Fire Station #10 Renovation	\$ 4,200,000	Bonding	\$ 600,000	\$ 3,600,000		Project estimate increased by \$1.2M based on feasibility study and seismic requirements. Conceptual design.
41	Senior Center	Senior Center - Mechanical Upgrades	\$ 187,977	Bonding		\$ 187,977		\$100,000 added to correct typographical error in Nov 2011 CIP.
51	Parks/Rec	Lower Falls Community Center - Accessibility	\$ 300,000	Bonding	\$ 25,000	\$ 275,000		Estimate increased by \$206,000 to provide full accessibility. Project also moved up in schedule.
333	Parks/Rec	Farlow and Chafin Parks Historic Landscape Preservation	\$ 316,700	CPA Eligible		\$ 316,700		Project cost reduced by \$323,000 based on revised estimate.
NET CHANGE					\$ 4,934,436	\$ 3,391,700	\$ 1,500,000	

PROJECTS REMOVED FROM CIP

	Schools	Ward School - Masonry Preservation and Rehabilitation			\$ (250,000)			Urgent work addressed by FY12 Project. Additional work not required at this time. \$250,000 deleted from the FY13 CIP.
	Library	Newton Free Library - Generator Replacement			\$ (250,000)			Service contractor repaired existing generator. No need to replace it at this time. \$250,000 deleted from the FY13 CIP
NET CHANGE					\$ (500,000)			

4. SUMMARY OF CHANGES TO THE CIP

April 12 2012

Updated Priority	Dept	Project Title	Total Project Cost	Funding Source	FY 2013	FY2014	FY2015	Change from Nov 2011 CIP
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PROJECTS ADDED TO THE CIP

14	Fire Dept	Replace Communications Tower Building	\$ 300,000	Bonding	\$ 260,000			Added to CIP. Project started in FY12, to be completed with FY13 funding.
24	DPW	Install Pedestrian Signal at Crafts St at Linwood Ave	\$ 75,000	Chapter 90	\$ 75,000			Project added to address intersection where pedestrians have been hit. Funded.
42	DPW	Mass Works Transportation and Pedestrian Improvements	\$ 1,850,000	Grant	\$ 1,850,000			New project funded through State grant I-Cubed for Chestnut Hill Square. Already approved by BOA.
52	Parks/ Rec	Forestry Equipment for New 3-Man Forestry Crew - Aerial Bucket Truck and Log Loader	\$ 220,000	Other	\$ 220,000			New capital equipment to support new Forestry crew. Funded from Chestnut Hill Square Receipts Reserved Account
69	Public Buildings	City Hall - Veteran's Wing Accessibility and Renovations	\$ 300,000	Bonding	\$ 300,000			New project to install accessible ramp, repair masonry, and upgrade mechanical and electrical systems.
91	DPW/ Storm	City Hall Ponds Sediment Removal	\$ 320,000	Enterprise Funds	\$ 320,000			Scheduled for Fall/Winter construction.
167	Schools	Bowen School - Remove Underground Oil Tank and Gas Conversion	\$ 125,000	Bonding		\$ 125,000		New project identified. Scheduled for FY14.
380	Public Buildings	Angino Farm Interior Improvements	\$ 903,000	CPA Eligible				Project received CPA funding of \$568K , but is now seeking \$335K in additional funding for barn renovation.
387	Schools	Newton South HS - Renovate Science Labs		Bonding /MSBA				Project added to CIP. No cost estimate yet. Waiting for information from MSBA
NET CHANGE					\$ 3,025,000	\$ 125,000		

TOTAL NET ADDED COST					\$7,459,436	\$3,516,700	\$ 1,500,000	
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City of Newton, Massachusetts

5. FY2013 - FY2017 Five Year Capital Improvements Plan

Project Update

12-Apr-12

<u>SHORT TERM CAPITAL PROJECTS</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>5 YR TOTAL</u>
<u>Building Improvements</u>						
City Hall Improvements	\$ 300,000		\$ 200,000	\$ 250,000	\$ 125,000	\$ 875,000
Fire Station #4 - Windows	\$ 90,000					\$ 90,000
Fire Station #1 - Gen/Windows,Doors/Masonry			\$ 122,980	\$ 510,226		\$ 633,206
Fire Station #2 - Windows,Doors/Generator				\$ 86,936	\$ 163,000	\$ 249,936
Public Library-Generator/Mechanical			\$ 609,300	\$ 310,000	\$ 300,000	\$ 1,219,300
Crafts Street - Garage Roof/Envelope	\$ 320,000	\$ 610,410			\$ 400,000	\$ 1,330,410
Police Headquarters - Roof, Mechanical			\$ 382,791	\$ 100,016		\$ 482,807
Pellegrini Park - Mechanical				\$ 150,000		\$ 150,000
Lower Falls Accessibility	\$ 25,000	\$ 275,000				\$ 300,000
School Building Masonry Repairs	\$ 60,000	\$ 250,000	\$ 100,000			\$ 410,000
School Building Mechanical Upgrades	\$ 500,000	\$ 525,000	\$ 240,000	\$ 525,000	\$ 250,000	\$ 2,040,000
School Building Life/Safety Upgrades			\$ 100,000			\$ 100,000
School Building Electrical Upgrades			\$ 650,000			\$ 650,000
School Building Accessibility Upgrades					\$ 200,000	\$ 200,000
School - Bowen Oil Tank/Gas Conversion		\$ 125,000				\$ 125,000
School Water Infiltration-Countryside/Oak Hill	\$ 200,000					\$ 200,000
Concrete Stairs - Bigelow School	\$ 350,000					\$ 350,000
School Building Roofs			\$ 375,000			\$ 375,000
School Building - Plumbing			\$ 200,000	\$ 450,000		\$ 650,000
F.A.Day - Boiler				\$ 100,000	\$ 350,000	\$ 450,000
Manet Rd - Emergency Comm Tower - Bldg	\$ 260,000					\$ 260,000
<u>Fleet Replacement</u>						
Fleet Replacement - Fire Apparatus		\$ 1,000,000		\$ 600,000		\$ 1,600,000
DPW - Large Construction Vehicles	\$ 160,000	\$ 300,000	\$ 310,000	\$ 300,000	\$ 300,000	\$ 1,370,000
<u>Culture and Recreation</u>						
Gath Pool - Plumbing and Interior Repairs	\$ 150,000	\$ 108,534				\$ 258,534
Crystal Lake Bath House			\$ 75,000			\$ 75,000
Senior Center Mechanical Upgrades			\$ 187,977			\$ 187,977
TOTAL SHORT TERM PROJECTS	\$ 2,415,000	\$ 3,193,944	\$ 3,553,048	\$ 3,382,178	\$ 2,088,000	\$ 14,632,170
<u>LONG TERM CAPITAL IMPROVEMENT PROJECTS</u>						
<u>F.A.Day - Addition and Sprinklers</u>						
F.A. Day Construction	\$ 6,750,000					\$ 6,750,000
<u>Carr School - Swing Space</u>						
Design (\$300,000 in FY12)	\$ 450,000					\$ 450,000
Construction	\$ 8,000,000					\$ 8,000,000
Other Capital Improvements				\$ 275,000		\$ 275,000
<u>Brown Middle School</u>						
Steam to Hot Water Conversion - Phase 1			\$ 600,000			\$ 600,000
Steam to Hot Water Conversion - Phase 2				\$ 700,000		\$ 700,000
Steam to Hot Water Conversion - Phase 3					\$ 700,000	\$ 700,000
<u>Fire Station #10 - Oak Hill</u>						
Design	\$ 600,000					\$ 600,000
Construction		\$ 3,600,000				\$ 3,600,000
<u>Next Major Elementary Renovation</u>						
Cabot/Zervas Feasibility Study	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
TOTAL LONG TERM PROJECTS	\$ 15,800,000	\$ 3,600,000	\$ 600,000	\$ 700,000	\$ 1,975,000	\$ 22,675,000
TOTAL PROJECTED BONDING FROM AVAILABLE RESOURCES	\$ 18,215,000	\$ 6,793,944	\$ 4,153,048	\$ 4,082,178	\$ 4,063,000	\$ 37,307,170
<u>FUNDED BY ENERGY SAVINGS</u>						
Energy Efficiency Improvements	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000			\$ 4,500,000

City of Newton, Massachusetts
5. FY2013 - FY2017 Five Year Capital Improvements Plan

Project Update
12-Apr-12

<u>SHORT TERM CAPITAL PROJECTS</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>5 YR TOTAL</u>	
<u>ALTERNATIVE FUNDING SOURCE NEEDED</u>							
<u>Angier Elementary School</u>							
Design	\$	3,000,000				\$ 3,000,000	
Construction	\$	5,000,000	\$ 10,000,000	\$ 10,000,000		\$ 25,000,000	
Fire Station #3 - Newton Centre	\$	-	\$ 700,000	\$ 5,000,000	\$ -	\$ 5,700,000	
TOTAL ALTERNATIVE FUNDING NEEDED	\$	-	\$ 8,000,000	\$ 10,700,000	\$ 15,000,000	\$ -	
TOTAL 5-YEAR PROJECTED CAPITAL IMPROVEMENT PLAN	\$	18,215,000	\$ 14,793,944	\$ 14,853,048	\$ 19,082,178	\$ 4,063,000	
						\$ 71,007,170	
<u>Projected Cost of Debt Service</u>							
Fcst - Annual Debt Service - Nov 2011	\$	16,255,439	\$ 16,868,009	\$ 17,383,040	\$ 17,334,052	\$ 17,332,190	\$ 85,172,730
<u>Current Fcst Debt Service</u>	\$	16,259,618	\$ 17,248,103	\$ 17,994,157	\$ 17,927,111	\$ 17,906,008	\$ 87,334,997