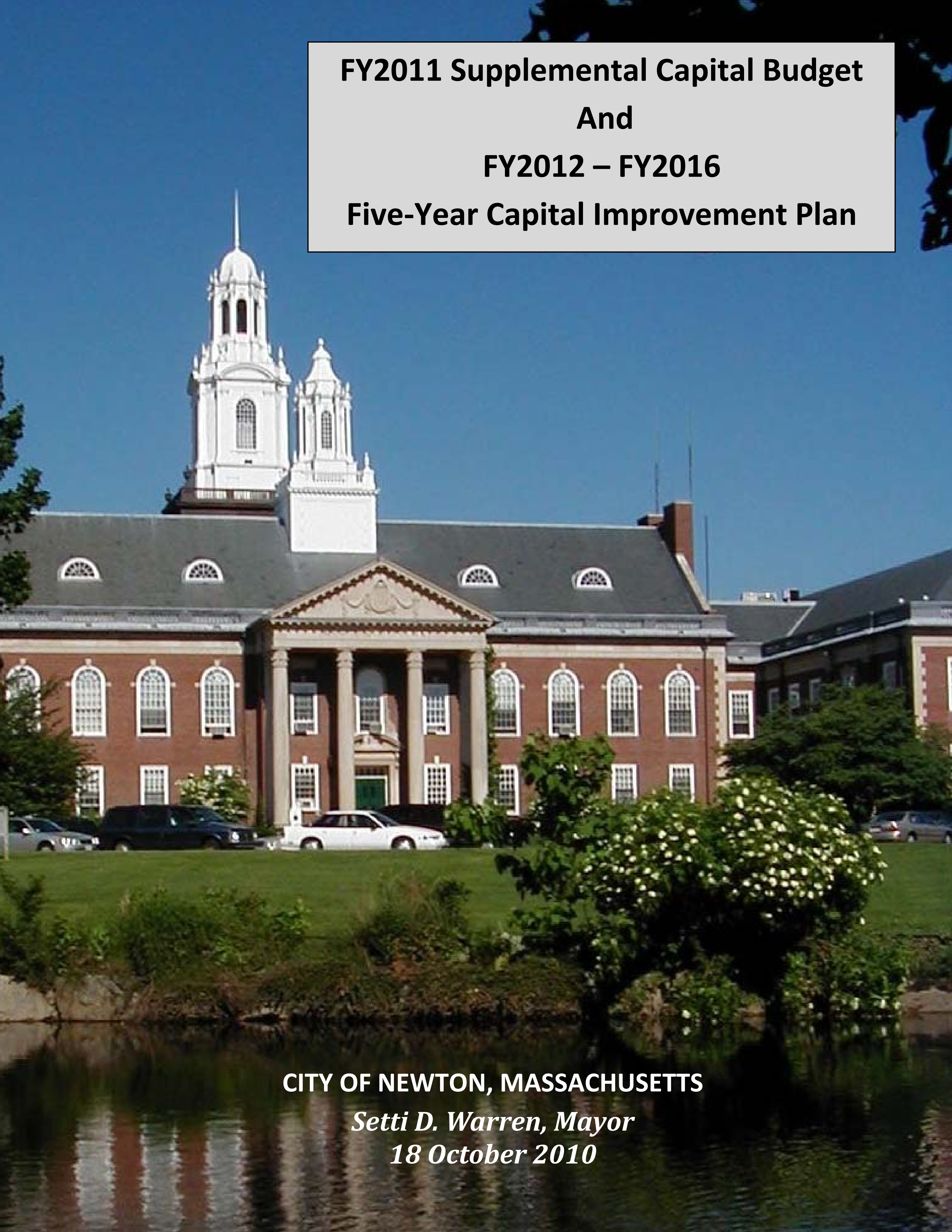
FY2011 Supplemental Capital Budget
And
FY2012 – FY2016
Five-Year Capital Improvement Plan



CITY OF NEWTON, MASSACHUSETTS

Setti D. Warren, Mayor

18 October 2010

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MAYOR

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October 18, 2010

Honorable Board of Aldermen
NewtonCity Hall
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Ladies and Gentlemen:

I am pleased to submit for your consideration and approval the FY2011 Supplemental Capital Budget and the FY2012–FY2016 Capital Improvement Plan. As you know, the City of Newton has neglected its capital infrastructure over the years, and consequently the need for investment is great.

When I became Mayor I committed to hiring a Buildings Commissioner whose top priority would be the development of a comprehensive citywide infrastructure assessment. I am pleased to inform you that the Buildings Commissioner is now on board and that process has begun. As part of that process I will be conducting Town Hall meetings throughout the City to gather community input as well as conducting working sessions with the Honorable Board of Aldermen. It is my expectation that the results of that assessment will be available by June 2011.The results of that assessment will allow us as a community to understand the condition of our infrastructure and enable us to evaluate and prioritize our true capital needs for the future.

However, we are in the early stages of that comprehensive assessment, and therefore, the Capital Improvement Plan that I submit to you has been formulated in a different manner. I established a Capital Improvement Committee in August comprised of the Chief Operating Officer, the Chief Financial Officer, and the Buildings Commissioner. In addition, I asked the Community Preservation Program Manager and the Associate Director of Housing and Community Development to participate in this process by assisting the committee in identifying capital projects that might qualify for Community Preservation Act or Community Development Block Grant funds.

This committee spent many hours meeting with each of the Department Heads reviewing each project utilizing a consistent set of criteria. The CIP Committee then evaluated each project in relation to all other projects and prioritized those projects based on the community's goals and objective analysis. The criteria under which the projects were evaluated are as follows:

- Enhance protection of public health and/or safety.
- Ensure compliance with state and/or federal law or administrative regulations.
- Reduce and/or stabilize operating budget costs.
- Prolong the functional life of a capital asset of the City by 10 years or more.
- Encourage further expansion of the City's real estate tax base, employment or housing.
- Improve the ability of the City to deliver services.

Based on the criteria listed above, I am submitting a Capital Plan that includes, among other things, the following:

- <u>Enhance protection of public health and/or safety</u>
  - Create Secure Entrance at Newton Police Department
  - Replacement of ManetRoadEmergencyCommunicationsRadioTower
  - Hazardous Tree Removal and Mitigation throughout the City
  - Emergency Generator Repair/Replacement
- <u>Ensure compliance with state and/or federal law or administrative regulations.</u>
  - DEP Environmental Remediation at several City buildings
  - Underground Storage Tank Removal
  - CDBG Funded ADA/Accessibility Improvements
- <u>Prolong the functional life of a capital asset of the City by 10 years or more.</u>
  - Comprehensive Citywide Infrastructure Assessment
  - Architectural and Engineering Design Work – Next Scheduled Fire Station
  - SchoolBuilding Projects – Building Envelope and Energy Improvements
  - Underground Leak Detection System Replacement at Several Buildings
  - Critical Building Repairs – SeniorCenter, Health & Human Services, City Hall
  - CDBG Funded Building and Park Improvements
- <u>Reduce and/or stabilize operating budget costs.</u>
  - Information Technology Equipment Upgrades
  - Library Auto-Sort Machine
  - Phase III – Noresco Project
- <u>Improve the ability of the City to deliver services.</u>
  - Installation of Media Equipment in Committee Meeting Rooms

In addition to these prioritized projects, this Capital Improvement Plan includes funding for the final phase of the NewtonNorthHigh School and funding for potential classroom space at the middle and elementary school levels to address current enrollment projections.

Further, I have allocated an additional $500,000 to the calendar year 2011 street paving program. As you know, the City invested in a Pavement Management Program, which concluded that 46% of the City's streets are in poor condition. I have utilized the results of this study in conjunction with an understanding of the age and condition of the City's water and sewer pipes, intersection accident rates as supplied by the police department, and handicap accessibility to develop a comprehensive list of the streets to be paved in calendar year 2011.

I look forward to working with your Honorable Board as you consider the authorization of the capital projects presented in this document.

Very truly yours,

Setti D. Warren,
Mayor

TABLE OF CONTENTS

Section 1

C.I.P. Charter Requirements, Board Order

CAPITAL IMPROVEMENT PROGRAM CHARTER REQUIREMENTS
ARTICLE 5, SECTION 3

(a) Submission -The Mayor shall prepare and submit to the Board of Aldermen a five-year Capital Improvement Program at least six months prior to receipt of the next fiscal year's operating budget.

(b) Contents -The Capital Improvement Program shall include: (1) a clear summary of its contents; (2) a list of all capital improvements proposed to be undertaken during the next five fiscal years with supporting data; (3) cost estimates, method of financing, and recommended time schedules; and (4) the estimated annual cost of operating and maintaining the facilities included. The above information shall be revised and extended each year.

(c) Public Hearing -The Board of Aldermen shall publish in one or more newspapers of general circulation in the City the general summary of the Capital Improvement Program and a notice stating: (1) the times and places where copies of the Capital Improvement Program are available for inspection by the public, and (2) the date, time, and place, not less than two weeks after such publication, when a public hearing on said program will be held by the Board of Aldermen.

(d) Adoption -After the public hearing, concurrently with the passage of the next fiscal year's budget, the Board of Aldermen shall by resolution adopt the Capital Improvement Program with or without amendment (Referendum of 11-4-75).

CAPITAL PROJECT ACCOUNTING AND CAPITAL STABILIZATION FUND
(Board order #485-92)

1. All capital appropriations are to be made for project purposes, are to be presented in specific line item format (i.e. design, project management, construction, equipment, etc.). An estimated project completion schedule shall also be included with each capital appropriation request.

2. Appropriations for the acquisition, construction, or reconstruction of "major capital facilities" are to be made to a Capital Improvement Fund instead of the General Fund, regardless of the financing source for the capital appropriation. "Major capital facilities" will be defined as any acquisition, construction, or reconstruction project which has an estimated cost of $500,000 or more and is expected to take more than a single fiscal year to complete. Capital appropriations of less than $500,000, and those which are expected to be completed within a single year will continue to be appropriated to the General Fund.

3. As capital projects are completed during the course of a fiscal year, the responsible department head shall notify the Comptroller, who shall close unobligated appropriation balances to the Capital Stabilization Fund. All year-end encumbered capital appropriation balances shall be brought forward from one year to the next, without any action of the responsible department head.

Not later than July 15 of each fiscal year, each department head having a capital appropriation in either the Capital Improvement or General Fund, for which there is an unexpended and unencumbered balance at June 30, shall provide the Comptroller with a detailed request to carry the balance forward into the new fiscal year. This request shall contain a detailed description of the work to be performed, including any variations from the original plan, and a projected schedule for completion of the project.

Prior to closing any appropriation for a capital project which has not been completed, the Comptroller shall obtain the concurrence of both the Mayor and Board of Aldermen.

4. A Capital Stabilization Fund shall be established within the Capital Improvement Fund section of the City's books. The Comptroller is hereby authorized to close all completed general revenue and free cash financed capital appropriation balances in both the General and Capital Improvement Funds to this fund.

No expenditures shall be made from the Capital Stabilization Fund. The fund shall serve solely as a source for financing future capital needs.

Unobligated balances in bonded capital project accounts shall be transferred to the Capital Stabilization Fund at the completion of each such capital project. These balances shall be reserved for future appropriation in accordance with the municipal finance laws.

To the extent that the Mayor and Board of Aldermen have not voted to designate Capital Stabilization funds for a specific future project, the Unreserved Fund Balance in the Capital Stabilization Fund shall be available for appropriation for additional capital needs.

5. To the extent that undesignated and unreserved funds are available in the Capital Stabilization Fund at the time that the Capital Budget is submitted to the Board of Aldermen, this fund shall be used as the priority source for capital appropriations. Free Cash shall not be used as a financing source for a capital appropriation while equal funding is available in the Capital Stabilization Fund.

6. The Comptroller shall provide the Mayor and Board of Aldermen with a quarterly and annual detailed report on the status of all capital appropriations, including a summary of all activity into and out of the Capital Stabilization Fund.

CAPITAL IMPROVEMENT PROGRAM GOALS

The Capital Improvement Program (CIP) shall be updated annually based upon changes in the City's capital needs and financing availability in order to: identify needed improvements and/or additions to the City's equipment and infrastructure; schedule projects in priority order over the ensuing five-year period; and ensure adherence to City financial policy and City Charter requirements.

CIP FINANCING SOURCES

In order to be a meaningful and useful management tool, the Capital Improvement Program must be based upon a realistic financing plan. The financing plan for the Capital Improvement Plan continues the

City of Newton's established policy of pay-as-you-go financing, combined with prudent use of available debt financing capacity that is managed in conjunction with the Long Term Capital Fund that was established at the beginning of the high school renovation and construction projects. This policy has allowed the City to obtain and maintain a AAA credit rating since 1974.

Financing sources included in the Capital Improvement Plan are divided into two categories Tax-Supported and Non-Tax-Supported.

Tax-Supported Funding Sources

General Obligation Bonds –The City sells tax exempt bonds, usually in March each year. The annual debt service is included in the Operating Budget and is offset by resources in the Long Term Capital Fund. This allows the impact on the operating budget to be managed evenly overtime and not be subject to dramatic fluctuation in the debt service.

Free Cash -Unreserved fund balance, certified by the Mass. Department of Revenue, as of the end of the previous fiscal year.

Operating Budget (General Fund) - Annual departmental budgets, supported primarily by property taxes, local revenue, and state aid.

Community Preservation Act – One percent local property tax surcharge, with partial or full state matching funds, which may be spent for affordable housing, historic resources, open space, or recreation land.

Other -Funds such as Overlay Surplus, Capital Stabilization, and Sale of Municipal Buildings.

Non-Tax-Supported Funding Sources

State and Federal Grants -Project specific or block grants from federal, state, or other governmental agencies.

Parking Meter Receipts -Curb and parking lot parking meter fees.

Water and Sewer Revenue -Fees and charges paid by water/sewer customers, which are used to support the Operating Budget (Special Revenue Fund) and generate a Water/Sewer Fund Balance (surplus available for water/sewer purposes).

Stormwater Fund –Stormwater fees, which are used to fund operating costs related to stormwater management and control.

Community Development Block Grant -Federal aid received to aid low and moderate income families and other targeted persons. Under federal guidelines, spending must be targeted to project types or neighborhoods.

Other - City trust or other funds designated for specific purposes by law, charter or ordinance. Includes donations and gifts.

DEFINITION OF CAPITAL PROJECTS

A Capital Project is a physical public betterment or improvement involving facilities, land, or equipment, with a substantial useful life and a cost of $10,000 or more.

Items classified as capital projects include:

- new public buildings (including equipment needed to furnish such buildings);
- significant alterations, additions or improvements to existing public buildings;
- land improvements, acquisition, and development;
- equipment replacement and/or refurbishing;
- street reconstruction and major resurfacing;
- pedestrian walkway construction and major rehabilitation;
- water main construction and rehabilitation;
- sanitary sewer and storm drain construction and rehabilitation; and - long-range planning studies.

CAPITAL IMPROVEMENT PLAN POLICIES

Capital projects shall be undertaken in order to satisfy documented needs and demands of the City of Newton. The Capital Improvement Program shall be a realistic multi-year plan of capital spending, based upon revenues and other financial resources that may reasonably be anticipated over the term of the plan. All capital project proposals shall be thoroughly evaluated in terms of their estimated impact upon the annual operating budget of the City of Newton. The City will maintain its existing capital investments to minimize future maintenance and replacement costs.

Capital improvements shall meet one of the following criteria:

- Enhance protection of public health and/or safety.
- Ensure compliance with state and/or federal law or administrative regulations.
- Reduce and/or stabilize operating budget costs.
- Prolong the functional life of a capital asset of the City by 10 years or more.
- Encourage further expansion of the City's real estate tax base, employment or housing.
- Improve the ability of the City to deliver services.

OTHER FINANCIAL POLICIES

The mere availability of state and/or federal funds shall not necessarily result in the initiation of a capital project. Special Revenue Funds will be reviewed annually in the context of the CIP. Unreserved fund balances will be utilized for capital projects in conformity with General Laws.

Long-term debt will be consistent with the following guidelines:

- The City will limit long-term debt to those capital improvements which cannot be financed from existing fund balances or current revenues.
- The maturity of long-term debt will be consistent with, or less than, the expected lifetime of the project.
- The City will use special assessments, revenue bonds, and other available self-liquidating debt measures in lieu of general obligation bonds whenever possible. Water/sewer revenue will offset water/sewer-related debt service.
- Capital outlay and improvements – It is the practice of the City to issue a minimum of $3.5 million in bonds for capital improvements annually; financing for the associated debt service will come from the General Fund. A minimum of 5% of the annual General Fund operating budget (i.e., the sum of estimated revenues, interfund transfers, free cash and other financing sources balances) will be budgeted for capital outlay and improvements.
- Good communication with rating agencies will be maintained, and a policy of full disclosure on every financial report and bond prospectus will be followed.

Section 2

FY2011 Recommended Projects Categorized by Evaluative Criteria
FY2011 Projected Funding by Funding Source
FY2011 Recommended Projects Categorized by Funding Source

Recommended Projects Based on Determined Need

Enhance protection of public health and/or safety

- Create Secure Entrance at Newton Police Department
- Replacement of ManetRoad Emergency Communications Road Radio Tower
- Hazardous Tree Removal and Mitigation
- Emergency Generator Repair/Replacement

Ensure compliance with state and/or federal law or administrative regulations

- DEP Environmental Remediation - Elliot Street Yard, Cabot School, South High School and Horace Mann
- Underground Storage Tank Removal – City Hall and Station 10
- CDBG Funded ADA/Accessibility Improvements

Prolong the functional life of a capital asset

- Road Construction/Street Paving
- Comprehensive Citywide Infrastructure Assessment
- A&E Design Work at next scheduled Fire Station
- School Building Projects - Roof Replacements, Boiler Replacements, Masonry Repairs, etc.
- Underground Tank Leak Detection and Monitoring System Replacement at Several Buildings
- Building Repairs – Senior Center, Health & Human Services, City Hall,
- CDBG Funded Building and Park Improvements

Reduce and/or stabilize operating budgets

- Information Technology Equipment Upgrades
- Library Auto-Sort System
- Phase III – Noresco Energy Saving Project

Improve the ability of the City to deliver services

- Purchase of Heavy Vehicle Equipment
- Media Improvements – Bd of Ald Committee Rooms
- Police Department – QED Server Replacement
- Treasury Dept – Check Endorsing Machine

FY2011 Supplemental Capital Improvements Plan
Summary of
Amount to be Funded by Funding Source

FUNDING SOURCE	Amount
TOTAL M.S.B.A.	$ 15,000,000
TOTAL SPRING 2011 BONDS	$ 3,505,000
POTENTIAL SPRING 2011 BONDS - SPACE NEEDS	$ 5,000,000
POTENTIAL SPRING 2011 BONDS - ENERGY CONSERVATION	$ 5,300,000
TOTAL OVERLAY SURPLUS - DECLARED OCTOBER 2010	$ 395,000
TOTAL BUDGET RESERVE & BAA MARATHON FUNDS	$ 150,000
TOTAL COMMUNITY PRESERVATION FUNDS	$ 450,000
TOTAL CHAPTER 90/PARKING METER FUNDS	$ 2,200,000
TOTAL REPROGRAMMED UNUSED CAPITAL FUNDS	$ 203,500
TOTAL PROCEEDS FROM SALE OF REAL ESTATE	$ 45,834
TOTAL C.D.B.G.	$ 248,000
TOTAL FREE CASH	$ 149,500
FY2011 BUDGET RESERVE	$ 64,500
TOTAL FY2011 ANTICIPATED I.T. BUDGET SAVINGS	$ 50,000
TOTAL FY2011 ANTICIPATED LIBRARY BUDGET SAVINGS	$ 120,000
TOTAL FY2011 FUTURE OVERLAY DECLARATION	$ 350,000
TOTAL POTENTIAL PROPOSED FY2011 CAPITAL BUDGET	$ 33,231,334

FY2011 Supplemental Capital Improvements Plan
Projects to be Funded by Funding Source

FUNDING SOURCE/PROJECT		Amount
M.S.B.A. LOW INTEREST LOAN		
Demolition - Newton North High School	$	15,000,000
TOTAL M.S.B.A.	**$**	**15,000,000**
SPRING 2011 BONDS		
Trommel Screen	$	170,000
Architectural Design and Engineering - Next Scheduled Fire Station	$	400,000
Manet Road Emergency Communications Radio Tower - Replacement	$	300,000
City Hall Windows - Repair/Replacement	$	125,000
Purchase of Heavy Vehicle Equipment - DPW	$	300,000
Newton Public Schools - Roof Repairs	$	810,000
Newton Public Schools - Masonry Repairs	$	450,000
Newton Public Schools - Boiler Replacements	$	350,000
Newton Public Schools - Roof Top Unit and Exhaust Unit Replacements	$	100,000
Newton Public Schools - Window and Door Replacements	$	500,000
TOTAL SPRING 2011 BONDS	**$**	**3,505,000**
POTENTIAL SPRING 2011 BONDS - SPACE NEEDS		
Newton Public Schools - Potential Space Needs	$	5,000,000
POTENTIAL SPRING 2011 BONDS - SPACE NEEDS	**$**	**5,000,000**
POTENTIAL SPRING 2011 BONDS - ENERGY CONSERVATION		
Phase III Noresco Energy Conservation Project	$	5,300,000
POTENTIAL SPRING 2011 BONDS - ENERGY CONSERVATION	**$**	**5,300,000**
OVERLAY SURPLUS - DECLARED OCTOBER 2010		
Comprehensive Citywide Infrastructure Assessment	$	395,000
TOTAL OVERLAY SURPLUS - DECLARED OCTOBER 2010	**$**	**395,000**
FY11 BUDGET RESERVE AND BAA MARATHON		
Hazardous Tree Removal and Mitigation	$	150,000
TOTAL BUDGET RESERVE & BAA MARATHON FUNDS	**$**	**150,000**
COMMUNITY PRESERVATION ACT		
Comprehensive Building Inventory and Assessment (Historic)	$	100,000
City Hall War Memorial Preservation	$	250,000
Senior Center - Roof Repairs	$	100,000
TOTAL COMMUNITY PRESERVATION FUNDS	**$**	**450,000**

FY2011 Supplemental Capital Improvements Plan
Projects to be Funded by Funding Source

FUNDING SOURCE/PROJECT		Amount
CHAPTER 90 HIGHWAY FUNDS & PARKING METER FUNDS		
Road Construction/Street Paving	$	2,200,000
TOTAL CHAPTER 90/PARKING METER FUNDS	**$**	**2,200,000**
REPROGRAMMED UNUSED CAPITAL FUNDS		
Create Secure Entrance - Police Department	$	118,500
Underground Tank Leak Detection and Monitoring System	$	45,000
Removal of Underground Storage Tanks	$	40,000
TOTAL REPROGRAMMED UNUSED CAPITAL FUNDS	**$**	**203,500**
SALE OF MUNICIPAL REAL ESTATE PROCEEDS		
Health & Human Services - Building Envelope Repairs	$	45,834
TOTAL PROCEEDS FROM SALE OF REAL ESTATE	**$**	**45,834**
C.D.B.G.		
Comprehensive Building Inventory and Assessment - Accessibility	$	20,000
Chistoric Newton/Jackson Homestead Accessibility Improvements	$	40,000
Installation of ADA Compliant Curb Cuts	$	78,000
Nonantum Target Neighborhood Park Improvements	$	50,000
Adams and Washington Streets Intersection Improvements	$	60,000
TOTAL C.D.B.G.	**$**	**248,000**
FREE CASH		
Emergency Generators	$	85,000
Newton Corner Library Upgrades	$	35,000
Media Improvements - Bd of Ald Committee Rooms	$	10,000
Police Dept - QED Server	$	11,500
Treasury Dept - Endorsing Machine	$	8,000
TOTAL FREE CASH	**$**	**149,500**
FY2011 BUDGET RESERVE		
DEP Environmental Remediation	$	64,500
FY2011 BUDGET RESERVE	**$**	**64,500**
FY2011 INFORMATION TECHNOLOGY BUDGET SAVINGS		
I.T. Hardware & Software Upgrades	$	50,000
TOTAL FY2011 ANTICIPATED I.T. BUDGET SAVINGS	**$**	**50,000**

FY2011 Supplemental Capital Improvements Plan
Projects to be Funded by Funding Source

FUNDING SOURCE/PROJECT		Amount
FY2011 NEWTON FREE LIBRARY BUDGET SAVINGS		
Auto-Sorting System	$	120,000
TOTAL FY2011 ANTICIPATED LIBRARY BUDGET SAVINGS	**$**	**120,000**
FY2011 FUTURE OVERLAY SURPLUS DECLARATION		
Revaluation Costs	$	350,000
TOTAL FY2011 FUTURE OVERLAY DECLARATION	**$**	**350,000**

Section 3

Recommended Projects – Descriptions

Funding Source: Massachusetts School Building Authority (M.S.B.A.)

Newton Public Schools
Demolition of Newton North High School $15,000,000

Project Description: The Massachusetts School Building Authority (M.S.B.A.) has approved a low interest loan for the City of Newton for the final phase of the Newton North High School project. The City is currently in the demolition phase of the old high school. Although current project estimates appear to be under budget, the administration has taken a conservative approach and has included the bonding of the entire $15,000,000 in the financial projections

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Funding Source: Spring 2011 Bond Sale

Fire Department
Architectural Design and Engineering of Next Scheduled Fire Station $ 400,000

Project Description: This capital improvement project includes for the architectural design and engineering at the next scheduled Fire Station.

Fire Department
Manet Road Emergency Communications Radio Tower $ 300,000

Project Description: This project calls for the replacement of the Manet Road Emergency Communications Radio Tower. The City anticipates receiving a federal appropriation in the amount of $300,000. Remaining costs are expected to approximate $300,000.

Public Buildings
City Hall Windows – Repair/Replacement $ 125,000

Project Description: Many of the windows at City Hall are original to the building (1930's vintage). Many of the window frames are in need of repair. Repair/Replacement of the windows would significantly improve energy efficiency at City Hall.

Department of Public Works

Purchase of Heavy Vehicle Equipment **$ 300,000**

Project Description: This project includes the purchase of 2 six-wheel vehicles by the Department of Public Works. Vehicles and equipment utilized within this department are beyond their useful life. The purchase of 2 new vehicles would update the department's current fleet, allow the department to focus on construction vehicles, the workhorse of the Public Works Department, and utilize/replace vehicles that are currently out-of-service.

Newton Public Schools

Roof Repairs/Replacement **$ 810,000**

Project Description: This project includes the replacement of significant roof sections at Bowen, Cabot, Countryside, Franklin, Lincoln-Eliot and Ward Elementary Schools, and Brown Middle School. $460,000 of the $810,000 was part of the school department's FY10 C.I.P. allocation, however, was not authorized pending the completion of a comprehensive roof study.

Newton Public Schools

Masonry Repairs **$ 450,000**

Project Description: This project includes the masonry repairs at Bigelow, Underwood, and Ward Elementary Schools, as well as masonry repairs to the Education Center.

Newton Public Schools

Boiler Replacement **$ 350,000**

Project Description: This project includes the replacement of the second boiler at the Countryside Elementary School. In addition, the oil tanks will be removed and both boilers will be converted to natural gas. Additionally, the second boiler has failed at Bowen Elementary School and must be replaced.

Newton Public Schools

Replacement of HVAC Roof Top and Exhaust Units **$ 100,000**

Project Description: Roof Top Unit and Exhaust Unit replacements are necessary at Bowen, Countryside, Underwood and Lincoln-Eliot Elementary Schools.

<u>Newton Public Schools</u>

Window and Door Replacement **$ 500,000**

Project Description: This project will include the replacement of windows and doors at the Horace Mann Elementary School.

<u>Funding Source: Potential Spring 2011 Bond Sale</u>

<u>Newton Public Schools</u>

Potential Space Needs **$5,000,000**

Project Description: The Newton Public School System current enrollment projections forecast a potential need for classroom space at the middle school and elementary school levels. Although the School Committee is in the process of determining the actual need for September 2011 and September 2012, this capital plan includes funding for the debt service that would be required to support up to $5 million in bonded debt.

<u>Public Buildings</u>

Project Title: Energy Conservation – Noresco Phase III **$5,300,000**

Project Description: In Phase III of Noresco's work, energy audits were conducted on 40 city buildings (almost one million square feet), including elementary schools, parks and recreation buildings, and other city properties. This project would implement the recommended mechanical, electrical, water, and building envelope Energy Conservation Measures (ECMs) that will make these facilities more energy efficient to run and more comfortable to occupy. Savings generated from the implementation of the energy conservation measures will be the source of funding for the debt service on this project.

<u>Funding Source: Overlay Surplus</u>

<u>Public Buildings</u>

Comprehensive Citywide Infrastructure Assessment **$ 395,000**

Project Description: The Comprehensive Citywide Infrastructure Assessment will evaluate the current condition and structure of thirty municipal buildings citywide. It will also allow for detection of any structural issues related to a given building or building maintenance that needs to be completed. The current assessment is extremely outdated, and was completed almost 25 years ago.

Funding Source: Budget Reserve and BAA Boston Marathon Fund

Parks & Recreation
Hazardous Tree Removal and Mitigation $ 150,000

Project Description: The City has over 30,000 street trees. Many of the trees are more than 40 years old and have not been cared for since the early 1980's. The majority of the City's trees have dead hazardous branches as well as low branches that violate ADA regulations and road height regulations. Proactively pruning each street tree in the City will reduce the likelihood of personal and property damage caused by these trees, reduce the number of tree emergencies in the City and improve their longevity. Annually the City proactively surveys the City's streets for dead and dangerous trees that have not been reported. These trees have a high risk of failure and may cause personal and/or property damage as well as increase annual tree emergency costs. Removal of trees will reduce the likelihood of legal claims and reduce amount spent annually on tree emergency response.

Funding Source: Community Preservation Act

Public Buildings
Comprehensive Historic Citywide Infrastructure Assessment $ 100,000

Project Description: As part of City's Comprehensive Building Condition Assessment, the City will seek the services of a historic preservation consultant to expand on the evaluation of the City's most historic public buildings by the City's Public Buildings Taskforce in 2004-05. For each of the City's most significant historic buildings, including City Hall, this consultant will be asked to create the basic materials required to request CPA funding, including recommended actions to preserve the building's most significant historic features while allowing it to serve new uses.

Public Buildings
City Hall Historic Preservation & Rehabilitation (incl War Memorial Aud) $ 500,000

Project Description: As part of the comprehensive building assessment, and following the recommendations of the City's 2004-05 Public Buildings Taskforce, the City will create a detailed, phased plan to preserve, restore, and rehabilitate the historically significant public spaces and features of City Hall. In 2003-04, CPA funds were used to restore and rehabilitate many of the building's prominent arched windows. The City will use FY11 bond revenue to extend this treatment to additional windows. In FY12, The City will request CPA funds for War Memorial Auditorium, both to eliminate water infiltration through the exterior main stairs and to make the room an inviting and usable meeting place for the City's citizens.

<u>Senior Services</u>

Senior Center Roof Rehabilitation **$ 100,000**

Project Description: This 1938 former Newtonville branch library building is on the state Register of Historic Places. The City anticipates requesting fy12 CPA funds to preserve and rehabilitate the building's original slate roof, which allows significant water infiltration into a building that serves thousands of Newton citizens and provides meeting space for dozens of City and community meetings each year.

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<u>Historic Newton</u>

Jackson Homestead **$29,744**

CPA funds were appropriated in 2009 to replace a defective roof and to restore windows and other historic exterior features of the 1809 Jackson Homestead, which serves as the City's history museum. The City will ask the CPC to authorize use of remaining unspent funds from that appropriation for additional preservation and rehabilitation work not included in the original scope: installing a wooden gutter on the archives wing, painting the perimeter fence, rebuilt to historic specifications by the North Bennet Street School, and bringing the museum's lower level up to current code as a place of public assembly, by relocating an electrical panel that currently obstructs the only accessible exit.

<u>Funding Source: Chapter 90 Highway Funding and Parking Meter Funds</u>

<u>Department of Public Works</u>

Road Construction, Street Paving **$2,200,000**

Project Description: This capital improvement project involves the repair and reconstruction of roads citywide. The goal of this project is to eliminate deteriorated roadway conditions and enhance public safety. The City recently invested in a pavement management program to assist in the understanding of current road and sidewalk conditions and enable the City to conduct a comprehensive analysis of roads in need of repair. In preparing the Calendar Year 2011 list of streets to be paved the administration also took in to consideration the age/condition of water and sewer pipes, accident reports as provided by the Police Department and handicapped accessibility.

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<u>Funding Source: Reprogrammed Unused Capital Funds</u>

<u>Police</u>

Create Secure Entrance at Police Department **$118,500**

Project Description: This project entails the renovation of the Police Headquarters' main front lobby. Renovations include: removal and replacement of two non-load bearing walls, installation of two new access doorways, and most importantly, construction of a customer service counter with bullet proof teller glass. The lobby renovations are intended to improve safety and security within the building.

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Public Buildings
Underground Tank Leak Detection and Monitoring System **$ 45,000**

Project Description: This project calls for the replacement of failing underground leak detection systems at five municipal buildings. The current systems are almost twenty years old, and at the end of their useful lives. The new systems will not only detect oil leaks, but also will act as a way to monitor consumption at these buildings.

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Department: Public Buildings
Project Title: Removal of Underground Storage Tanks **$ 40,000**

Project Description: This project entails the removal of storage tanks at both City Hall and Fire Station 10. Massachusetts requires that any abandoned underground storage tanks must be removed.

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Funding Source: Sale of Municipal Real Estate

Health & Human Services
Repairs/Maintenance of Building Envelope **$ 45,834**

Project Description: This project would entail building envelope improvements at the Health and Human Services center which include: stabilizing the building, roof repairs and interior water damage mitigation. These building improvements would prevent further damage within the building, and also eliminate certain safety hazards.

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Funding Source: Free Cash

Public Buildings
Project Title: Emergency Generator **$ 85,000**

Project Description: This capital improvement project would involve the replacement and repair of emergency generator at the Newton Police Annex, as well as repair of generators at other City buildings. The generators used by the police department are essential in providing the police force with active electricity during an emergency situation. It is important to keep this equipment updated and functional.

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<u>Department: Board of Aldermen</u>

Project Title: Committee Room Projector/Media Improvements $ 10,000

Project Description: Install Projection Screens or large monitors in Rooms 222 and 202 to be used for presentations to committees. Currently these rooms are not outfitted with technology utilized for presentation purposes.

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<u>Police Department</u>

QED Server $ 11,500

Project Description: The scope of work for this project includes the purchase, installation and configuration of anew server, operating system and associated software to provide for High Database Replicationbetween the existing primary server and the proposed server.

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<u>Treasury</u>

Check Endorsing Machine $ 8,000

Project Description: The Treasury's check endorsing machine became inoperable in FY'10, and was deemed beyond repair by the company that services/repairs the machine. The department must endorse as many as 300,000 checks per year. The purchase of this machine will allow for automatic endorsing, thus increasing office efficiency and reducing potential workplace injuries as a result of the repetitive motion of manually endorsing checks.

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<u>Funding Source: FY2011 Budget Reserve</u>

<u>Public Buildings</u>

DEP Environmental Remediation $ 64,000

Project Description: This project would be the continuation of four environmental remediation projects. Three of these projects are at following locations: Elliot Street Yard, Cabot School, and South High Football Field. The expected completion date of these three projects is 2010. The fourth project at the Horace Mann School would seek to repair oil issues with two tank lines, and would be completed within the next three to four years.

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Funding Source: FY2011 Information Technology Budget Savings

Information Technology (I.T.)
Hardware & Software Upgrade **$ 50,000**

Project Description: Information Technology Systems throughout the city are in need of software upgrades and hardware replacements. The goal of this capital project would be to standardize the Microsoft operating systems city wide, replace outdated desktop equipment (PCs and monitors), and move to standardize operating systems and software.

Funding Source: FY2011 Newton Free Library Budget Savings

Library
Auto-Sorting system **$ 120,000**

Project Description: The purchase of an auto-sorting machine will aid in the automatic sorting of library materials by the use of barcode scanning. This technology, utilized by patrons, will automatically check in 2 million + library materials during a year's use. This will allow the library to process and turnover library materials in a more timely and efficient manner, making them more quickly available to the public. Operationally, this piece of equipment will reduce by at least one staff position in circulation.

Funding Source: FY2011 Future Overlay Surplus Declaration

Assessing
Revaluation Costs **$350,000**

Project Description: State-Mandated Revaluation includes funds for outside legal counsel, expert witnesses, consultants, computer hardware & software, and other associated expenses. These expenses are vital in the operations of Assessing, and allow the department to litigate issues involving real estate tax assessments.

Section 4

CY2010 Actual Road Construction Projects
CY2010 Actual Water/Sewer Projects
CY2011 Projected Road Construction Projects

City of Newton Road Construction Program

CY 2010	Street	Project Status	PCI	Footage	Paving Costs	Total Costs
FY 10 Funded	Grove Street (I-95 to Wash St)	Complete-except Raised Intersection	67	3,000	$ 180,000	$ 216,000
Cold Plane and	Neal St	Complete	78	250	$ 15,000	$ 18,000
Overlay	Cornell St	Complete	86	1,314	$ 78,840	$ 94,608
@$60/LF	Baker Place	Complete	56	812	$ 48,720	$ 58,464
	California (Bridge to Chapel)	October	71	500	$ 30,000	$ 36,000
	Moffat Road	October	54	2,469	$ 148,140	$ 177,768
	Windsor Rd	October	53	3,014	$ 180,840	$ 217,008
	Kent Rd	October	58	690	$ 41,400	$ 49,680
	Vine Street (Brookline to Wayne)	October	64	1,500	$ 90,000	$ 108,000
	Washington St (E)(Court to Jackson)	CY 2011	77	1,500	$ 135,000	$ 162,000
	Washington St (E)(Lowell to 500')	CY 2011	72	500	$ 45,000	$ 54,000
	Ashmont Ave	October	55	791	$ 47,460	$ 56,952
				16,340	**Sub-total**	**$ 1,248,480**
Chip Seal	Old Orchard, Old England, Clovelly,	Complete	79	5,487	$ 82,305	$ 90,536
@$15/LF	Woodman, Lawrence, Kingsbury	Complete				
				5,487	**Sub-total**	**$ 90,536**
Micro-Surfacing	Crescent St	Complete	76	750	$ 18,750	$ 20,625
@$25/LF	Robinhood St	Complete	65	620	$ 15,500	$ 17,050
	Sharon Ave	Complete	52	780	$ 19,500	$ 21,450
	Weir St	Complete	55	320	$ 8,000	$ 8,800
	Normandy Rd	Complete	89	320	$ 8,000	$ 8,800
				2,790	**Sub-total**	**$ 76,725**
Cold Plane and	Cragmore Rd	Complete	38	1,284	$ 44,940	$ 53,928
Overlay In-House	Canterberry Rd	Complete	45	995	$ 34,825	$ 41,790
In-house @$35/LF	Bacon Pl (pt)	Complete	57	318	$ 11,130	$ 13,356
	Meredith Ave	Complete	57	304	$ 10,640	$ 12,768
	Waldorf Rd	Complete	54	762	$ 26,670	$ 32,004
	Ridgeway Terrace	Complete	60	274	$ 9,590	$ 11,508
	Pine Ridge Rd (Chestnut to Upland)	CY 2011	53	1,000	$ 35,000	$ 42,000
	Hibbard Rd	October	51	433	$ 15,155	$ 18,186
	Hyde St (Walnut-Lake, Allerton-Centre)	CY 2011	87	1,500	$ 52,500	$ 63,000
						$ -
				6,870	**Sub-total**	**$ 288,540**
Bridges	Nahanton St bridge	Design in Progress			$ -	$ 125,000
Parking Lots	Pearl Street	Design in Progress				
Design	Walnut Street	Design in Progress - should be $330,000				$ 216,960
	Needham Street	Design in Progress				$ 150,000
Carry Over 2009	Gibbs Street	October		1,322	$ 46,270	$ 55,524
	Ransom Road	October		400	$ 14,000	$ 16,800
	Richfield Rd	October		266	$ 9,310	$ 11,172
					Miles	
	TOTAL COSTS			**$ 33,475**	**6.34**	**$ 2,279,737**

City of Newton Road Construction Program

CY 2010 Sewer	Street	Project Status	Footage	Comments
2009 Carry over	Grove Street (Hagar to Washington)	Complete	1,000	Water main replacement, new services
	Woodland Rd, Cheswick Rd	Complete	7,600	New water services
	Central St (Comm Ave to Grove St)	Complete		
	Hancock St (Woodland to Central)	Complete		
	Maple St, Groveland St	Complete		
2010 Funded	Homer Street (Walnut to Center)	Complete	6,300	Water main replacement; cleaning and lining;
	Pleasant (NC)			new water services
	Newtonville Ave (Harvard to Oakland)	October	6,500	Water main replacement; cleaning and lining;
	Harvard St (Farquar Rd to Harvard Cir)	October		new water services
	Lewis Terrace, Thornton St, Avon Pl	October		
	Audubon Dr, Longwood Rd	October	7,000	Water main replacement; new water services
	Rolling Lane (Brookline to High Rock Tr)	October		
	Littlefield Rd	October		
	Pine Grove Ave	Complete		
	Clearwater Rd, Deforest Rd	Complete		
	Pelham Rd	October		
	Wiltshire Ct	October		
	Elm St, Putnam St (Hunter to Temple)	CY 2011	7,500	Water main replacement; cleaning and lining;
	Perkins St, Shaw St	CY 2011		new water services
	Prospect St (Washington to Temple)	CY 2011		
	Myrtle St, Hillside Terr, Fairview Terr	CY 2011		
Sewer	**Street**		**Footage**	**Comments**
2009 Carry over	Margaret Rd, Charles St, Frances St	Complete	1,800	Sewer main replacement & paving
2010 Funded	Regent St, Bennington St, Mt Ida Terr	CY 2011/ 2012	1,700	Sewer main replacement
	Oakdale St, Farina St, Francis St	Complete	2,400	Sewer main replacement / extension
	Ballpark paving costs = feet*$60*1.2		41,800	$3,009,600

City of Newton Road Construction Program

CY 2011	$1.7M/Year Plan Street	Project Status	PCI	Footage	Total Costs
Water Work	Woodland Rd		53	4,049	$ 340,116
Cold Plane and Overlay	Cheswick Rd		43	726	$ 52,272
	Central St (Comm Ave to Grove St)		41	1,500	$ 108,000
@$60/LF	Hancock St (Woodland to Central)		40	800	$ 57,600
	Maple St		27	1,308	$ 102,024
	Groveland St		43	688	$ 49,536
					$ -
	Herrick (Langley to Union)		44	400	$ 28,800
	Union (Herrick to Langley)		63	600	$ 43,200
	Homer Street (Walnut to Center)		41	4,500	$ 378,000
	Pleasant (NC) (Homer to Tyler Terr)		65	1,700	$ 122,400
	Newtonville (Harvard to East Side Pkwy)		47	1,400	$ 100,800
	Harvard St		38	2,260	$ 162,720
	Elm St		53	1,583	$ 132,972
	Chap 90 Funding:			**21,514**	**$ 1,678,440**
General Fund	Newtonville (East Side Pkwy to Mt Ida)		47	2,800	$ 201,600
	Lewis Terrace		40	1,000	$ 72,000
	Cypress St		54	3,075	$ 221,400
				6,875	**$ 495,000**
Carry Over 2010	Hyde St (Walnut-Lake, Allerton-Centre)		55	1,500	$ 108,000
	Pine Ridge Rd (Chestnut to Upland)		53	1,000	$ 72,000
				2,500	**$ 180,000**
		2011 TOTALS:		**30,889**	**$ 2,353,440**

Section 5

FY2011 – FY2016 Department Capital Requests – Complete List

Priority	Project	Potential Funding	Budget FY11	Budget FY12	Budget FY13	Budget FY14	Budget FY15	Budget FY16	Project Description	Project Justification/Impact
ASSESSING										
1	Revaluation	Overlay Surplus	$350,000	$350,000	$350,000	$350,000	$350,000	$350,000	State-Mandated Revaluation, includes funds for outside legal counsel, expert witnesses, consultants, computer hardware & software, and other associated expenses.	
CITY CLERK/BOARD OF ALDERMEN										
1	Wall Mounted Projection screens or monitors in Committee Rooms		$10,000						Install Projection Screens or large monitors in Rooms 222 and 202 to be used for presentations to committees.	Free standing screens take up valuable space in the rooms and are unwieldy to handle. Wall mounted screens will not walk away and will eliminate the set up and take down.
2	Networked Copier		$8,000						Purchase second networked copier/printer to be used in the Clerk's Office	Beginning in January, the State of Massachusetts Registry of Vital Records will be going to o line databases and retrieval for Vital Records. Under this new system a greater majority of the our work will be direct printing to the printer.
3	File Sharing/Retrieval System			$70,000					Purchase Software which will facilitate the storage and retrieval of information for staff and the public and provide a means to share and route documents electronically.	Transparency and Facilitation of information sharing.
4	Sound system improvements in the Chamber		$7,000						Add two additional speakers in the Aldermanic Chamber to provide better sound quality to those sitting in the rear of the space.	Those who sit at the back of the room during board meetings have complained that the volume and quality of the sound is not adequate. New speakers added to the rear of the room will alleviate this problem.
5	Computer system for the Aldermanic Chamber			$24,000					Provide computers for each Aldermen that they can use to retrieve information while working in the Aldermanic Chamber.	Many times during Board meetings, Aldermen need access to support material stored on the computer system.
6	Back Scanning Documents				$250,000				Scanning pre- 1990 Aldermanic documents to ease retrieval and search. It will also provide a back up to our original documents should they be damaged.	Aldermanic Documents have no back-up if fire or flood should destroy the vaults that they are stored in the information contained in the records will be lost forever. Scanning will create a back up copy of these records.
7	Departmental Archive/Record Inventory	CPA	$50,000						Inventory and assess the storage conditions of all departmental archives around the city.	Required for future funding by the Community Preservation Committee
INFORMATION TECHNOLOGY										
1	Upgrade Microsoft Office to 2010 or current	General Fund	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	Upgrade from Office 1997, 2003 and 2007 to current version	Standardize Microsoft Office version city-wide
2	Desktop Hardware Replacement (25)	General Fund	$21,875	$21,875	$21,875	$21,875	$21,875	$21,875	Upgrade desktop equipment (PC & monitor).	To keep desktop inventory current and capable of handling current software needs.
3	GIS Server	General Fund	$15,000						Server is needed for more web applications which are replacing desktop applications. Free up traffic on city's web server.	Residents can access more information from home saving them time and department staff time. Last purchased 2004.
4	Server replacement	General Fund	$13,000		$16,000		$14,000	$14,000	Replace and combine aging departmental servers.	Newer servers have greater capacity to allow combining some departments on to a single server - easier to administer and cost reduction for licensing.
5	Replace routers	General Fund	$10,000	$10,500	$16,500	$6,000			Replace routers to bring network infrastructure to gigabit speed. Most current router speed is 100 mps.	Some routers are 14 years old. Desktop hardware capacity is gigabit but is not being realized.
6	Replace UPS	General Fund			$12,000				Replace UPS which supports 30 servers in computer room.	Last purchased in 2002.
7	Upgrade to gigabit to desktop	General Fund	$5,000	$8,000	$5,000	$5,000			Upgrade cabling, switches and patch panels to move from 10 or 100 mps to gigabit speed.	Desktop capacity is gigabit speed but is not realized due to network infrastructure.
8	Replace Financial server	General Fund					$36,000		Replace critical Financial server used for payroll, purchasing, fund accounting and permits and inspections	Old server can be used to combine other departmental servers. Current server was last purchased in 2008.
9	Replace Air Conditioner	General Fund						$25,000	Computer room houses 30 servers - temperature needs to be reliable and consistent	Last purchased in 2003
10	Replace check printers	General Fund		$7,300					Replace critical printers for payroll and accounts payable check processing - printer include MICR font to print routing and check # on checks	These used printers can be issued to other departments. Original printers purchased in 2006.
11	Replace Plotter	General Fund		$8,500					Replace plotter which prints most GIS maps used by various departments.	Last purchased in 2001.
12	Laptop replacement	General Fund	$2,000	$19,200	$12,000	$15,000	$12,000	$12,000	Replace I.T. laptops which other dept borrow and begin to issue laptops to dept heads and middle managers for desktop and mobile use	Having a laptop gives dept head more flexibility when attending meetings
13	Replace Firewall Security Module	General Fund				$7,500			Upgrade anti-virus software for firewall.	Need to stay current with software to minimize spam.
14	Printer replacement	General Fund	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	Replace printers in high volume printing departments.	The used printers can be issued to departments with lower volume printing needs
15	Security Enhancements	General Fund				$7,500			Upgrade alarm to relay to dispatch and install halogen system.	Create greater protection for the equipment housed in the computer room.
16	Laptop replacement	General Fund	$2,400						Laptop with GIS software and data loaded on it for efficient field work.	Access and updates from the field are not currently possible.
17	Flyover	General Fund				$30,000			Coordinate with other communities for a better price. Need to keep data layers current.	Last flyover was done in 2008.
18	GPS handheld unit	General Fund			$6,000				To collect GIS features and access information while doing field work.	Ease of updates while in the field rather than using paper.
19	Contract Software	General Fund		$10,000	$10,000		$14,000	$14,000	Improve web applications, develop better planning & tracking tools, integrate GIS with scanning projects.	Our software needs will expand to take advantage of new technology.
20	Multimedia station	General Fund				$6,000			Outfit portable media cart with laptop, DVD player, projector	To be used for presentations or training in meeting rooms.
21	Server/software license	General Fund		$20,000					Server & software licenses for city-wide scanning project.	City needs to assess storage and retention needs. This should be a centralized city-wide IT project.

Priority	Project	Potential Funding	Budget FY11	Budget FY12	Budget FY13	Budget FY14	Budget FY15	Budget FY16	Project Description	Project Justification/Impact
PLANNING										
1	Zoning Ordinance Re-Write	CIP		$200,000					The City ofNewton's Zoning Ordinances are outdated and are a hindrance to development in the City. This study would take a holistic look at all zoning ordinances.	
POLICE										
	Lobby Renovation		$118,500						Remove and replace two non-load bearing walls. Install two new access doorways and customer service counter with teller glass.	Building security and pedestrian control are a huge concern in the Police Headquarters buildins. We have struggled with this problem for years. The front lobby hosts walk-in customers on a 24-hour basis. Sometimes members of the public walk in for something simple like using restrooms, getting directions, for help filing or getting copies of police reports, or they may even believe there might be comeone following them in a road rage incident, domestic restraining order, etc. Although we want to remain accessible, we do not have the resources to staff the front lobby area 24/7/365. In spite of implementing reasonable security measures strangers have been found wandering our hallways at odd times of the day and we cannot guarantee the security of our building or the safety of our personnel. This is why the renovtion project is of the greatest importance.
	HQ/Annex Upgrade		$40,000						Remove and replace carpets, paint hallways, office spaces, storage closets and stairwells in three police buildings. Replace wallboards torn out and vener replaced in the basement office areas of the Police Annex building.	The Police Headquarters building (1321 Washington Street), the Support Services/Police Garage building behind Headquarters and the Annex building (25 Chestnut Street) were last renovated in the early 1990's. The carpets in these buildings are very worn and have curled in some areas creating potential tripping hazards. Occupational injuries or injury to the visiting public may result. Paint is peeling and discolored in many areas.
	MDT Replacement			$120,000					Replace 30 cruiser laptops (MDTs) at a cost of $4,000.00 each and renew vendor support contracts.	MDTs are the mechanism used to transmit and receive real-time data from Police Headquarters, the Registry of Motor Vehicles, State Police, FBI, Department of Homeland Security, etc. MDTs are the primary tool used by police officers in the field and the use and availability of these MDTs prevent officer down-time. Today's MDTs require standardized software applications and increased throughput to display graphics such as maps and pictures. Over time the processors in the MDTs become overwhelmed and run too slow to handle data. We must replace all cruiser MDTs at the same time for the following reasons: (1) If terminals are replaced piecemeal it is difficult to run like operating systems on terminals from different manufacturers; (2) Swap-out, programming and ghosting terminals becomes an easier preventative maintenance task; and (3) Better trade-in value or offers from supply vendors.
	Radio Upgrades				$200,000				Replace portable radios and several radio transmitters.	The upgrade and/or replacement of certain portable radios and radio tansmitters is required for the Dispatch Center and Police Department for us to be compliant with the FCC's Narrow band regulations which become effective and are mandated in Calendar Year 2013.
	Fleet Upgrades					$125,000				Police cruisers assigned to the Patrol Bureau activity are operated 24 hours per day, seven days per week. These cruisers have an estimated useful lifespan of 2-3 years at the most. Any cruiser operated more than two years typically experiences a high mechanical failure rate and increased maintenance costs. The Police Department's current Fleet CIP budget has not increased or kept up with the cost of inflation for years. It is critical that we invest in our primary fleet to ensure overall safe operations.
	Bulk Storage						$75,000		Increase valuable floor space for property, evidence, office supplies, Homeland Security equipment and document archives in Support Services Bureau and Police Garage.	The Police Garage and Support Services Bureau have 20' high ceilings in mast areas. This is wasted space that is heated and cooled in some cases for no real reason. Every available inch of floor space at ground level is already in use and we propose to make the most of the climate controlled areas near the ceilings. Strongly recommend the installation of metal grate mezzanines to take advantage of the high ceilings and create open 2nd floor storage. The costs for the mezzanines and the labor required to install them is miniscule in comparison to the many benefits.
	HVAC Upgrades							$25,000	Fund engineering study and/or overhaul of HVAC systems.	Evaluate efficiency of air handling units and boilers in buildings maintained by the Newton Police. Establish separate heating and cooling zones in order to reduce energy costs.
EMERGENCY MANAGEMENT										
	Build-Out of EOC		$58,350						Acquire laptops, telephones, network servers, switches, raceways, cables, heads-up display systems, and other operational equipment required to properly outfit and run the City's Emergency Operations Center (EOC).	The City's EOC is the command and control facility used to coordinate emergency management activities. The EOC is normally staffed by local government and invited non-government organizations whose personnel work in unison to direct resources (people and equipment), save lives, protect property, and to mitigate natural or manmade disasters. Vital to these activities is a dependable communications system. That system consists of interoperable radios, telephone landlines, and other incident tracking and management technology. This project is overdue and required to fill the basic needs of Newton's EOC.
HEALTH & HUMAN SERVICES										
1	Upgrade Equipment			$5,000					Computerize permits and inspections.	
2	Upgrade Equipment			$25,000					Create 8 additional parking spaces so cars are not illegally parked in driveway.	

Priority	Project	Potential Funding	Budget FY11	Budget FY12	Budget FY13	Budget FY14	Budget FY15	Budget FY16	Project Description	Project Justification/Impact
FIRE DEPARTMENT										
7	Watch Desks	Free Cash	$30,000						Last two desks to replace old units in stations	
	SCBA			$27,350		$27,350		$27,350	Replacement of self contained breathing apparatus 5/year	
4	MDT		$138,050						Equip all of Fire apparatus with computer capability	
3	W-4		$125,000						S	
2	M-1		$50,000						E	
1	E-10		$650,000						E	
	C-8			$25,000						
	C-11			$25,000					A	
	L-1			$900,000					T	
	W-2			$250,000					T	
	C-2				$35,000				A	
	C-12				$25,000				C	
FIRE DEPARTMENT (Cont'd)										
	E- 1				$650,000				H	
	C-3					$25,000			E	
	HeavyResc					$500,000			D	
	C-13					$25,000				
	ERU						$400,000		S	
	C-1						$25,000		H	
	C-4						$25,000		E	
	C-5						$25,000		E	
	E-3							$650,000	T	
	C-10							$25,000		
6	Program Upgrades			$2,000		$2,000		$2,000	Upgrade existing software in headquarters	
5	Safety Equipment	Op Budget	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	Operating budget for radios, hoses, masks, cable, tools, etc. This also includes annual fees for MDTs, SCBA Equip and Wire Division	
	Manet Road Radio Tower		$616,036	SEE PUBLIC	BUILDINGS					
	STATION SEVEN		SEE PUBLIC	BUILDINGS						
	STATION TEN		SEE PUBLIC	BUILDINGS						
LIBRARY										
1	Autosorting System		$120,000						almost 2 million library materials/yr checked in automatically	circulation rising, limited staff, dovetails our Express Lane
2	Furniture			$35,176	$41,207	$56,810			refinish and/or purchase tables and chairs in 3 phases	black finish coming off on patrons,
3	Carpeting			$38,511	$132,278	$140,102			replace carpet in library in 3 phases	carpet extremely worn (744,000 people in FY10) and loose
4	Paint Iinside			x					paint library interior	building 19 years old and never painted
5	Paint Outside				x				paint library exterior	building 19 years old and never painted
6	Mold Removal				x				remove mold from under parts of roof	black mold getting worse
7	Computer Lab				14,400+construction				expand ITTC and add 12 computer workstations	library's long range plan identifies need for more pcs for the
8	Reconfigure Lobby and Circulation Dept Areas					x			Reconfigure circulation office, Supervisor's Office, book sorting room, and lobby to make more welcoming, allow for growth of autosort equipment, respond to change of workflow	Current circulation space will only allow for 5 sorting bins, changing requirements for book sorting space, lobby needs to be more inviting and appealing to the public.
SENIOR SERVICES										
1	Construction of Vestibule	CDBG		$75,000					This project involves the construction of a permanent vestibule outside the main entrance in the rear of the building.	The vestibule would enlarge the present entrance and aid in maintaining constant temperature control since the door is frequently opened and shut. This space houses volunteer staff . It als functions as a waiting area for those using our transportation s
2	Repair all water leaks in roof	CIP	???						Repair of roof in several locations to address water leaks.	There is water damage in several locations within the building. There has been spot repair, but several areas are still effected on a regular basis.
3	Interior Painting of Senior Center	CIP	$45,000						Project will involve painting the entire interior of the Senior Center. It will include all rooms and trim. It can be done by the Building Department, contracted out or a combination of both. This will depend on working around present programming and the	The interior of the Senior Center has not been re-painted since it opened in 1993. Spot painting was done by the building department three years ago. Complaints have been made by participants regarding its run-down appearance. Some of the areas in most
4	Replacement of Carpeting in lower level	CIP	$22,000						All the carpeting in the lower level needs to be replaced.	The carpeting is over 16 years old. It is worn. One of the 7 carpeted areas in the lower level has been replaced with vinyl flooring, due to a flood last year. The other 6 areas were also effected by the flood but have not been removed/replaced. There are
5	Replacement of copy machine	CIP	$5,000						Purchase new copy machine.	Our current copy machine is over 10 years old. Its life expectancy if 3 years. We average 4 service calls each year.
6	Replacement of current dishwasher	CIP	$5,000						Purchase new industrial dishwasher.	The current dishwasher has had many repairs since its installation 16 years ago. On average three times each year an outside repair service is called. At last service call it was suggested that we purchase new dishwasher. Over 50 meals each day are served
7	Replacement of Stove/Microwave Unit	CIP	$1,500						Purchase new oven/microwave unit.	The current stove/microwave unit was installed 16 years ago. Several repairs a year are required. It is a single unit that houses the stove and microwave. A dual purpose unit would be needed for replacement.
8	Improve HVAC systems	CIP		???					Improve HVAC systems to operate more cost effectively and provide more consistant heating/cooling/air circulation throughout the building.	The boiler is older than the the senior center, we have faced an unheated building several times every winter. There have been some modifications to the system that has helped to bring heat to one floor of the building more efficiently. There are past air

Priority	Project	Potential Funding	Budget FY11	Budget FY12	Budget FY13	Budget FY14	Budget FY15	Budget FY16	Project Description	Project Justification/Impact
HISTORIC NEWTON - JACKSON HOMESTEAD										
started	Archives Project - Planning	CPA	$101,345						Expand Archives, install fire suppression, insulation, climate control, develop universal access entrance and improve	Archive materials are currently piled to the ceiling, they need better quality care and more space, old wheelchair lift cannot be reinstalled - need better access
grant may b	Archives Project -Implementation	CPA		$527,483					Same as above	Same as above
started	Respond to ISD	part from above	included						ISD determined that we needed to move electrical panels to	Currently, we cannot have programs downstairs or school groups.
	Letter	CPA project, part							increase our downstairs capacity beyond 12 people	
		Nabisco grant	$TBD						Other improvements necessary as well	
started	Underground	Foundation for	$9,844-planning						Redesign and update scholarship for exhibition that puts the	The current exhibition is more than 20 years old, is faded and
	Railroad Exhibition	Humanities and							Jackson Homestead in the context of the Abolition Movement,	focusses on the UGRR greatest hits--not much local material
		other funding	$TBD						UGRR and slavery in Newton and the nation	If we are to be a regional center for the UGRR, exhibition must be
		sources	implementation							renewed and expanded.
Hopefully in	Add gutter to rear	leftover CPA	$TBD						Mount wooden gutter over back side of building near archives	The Jackson Homestead was painted and reroofed this past year
	of JH	from exterior project?								with CPA funds but water spilling over the back of building
										puts the work done there in jeopardy
Hopefully in	Paint fence around	leftover CPA	$TBD							
	Jackson Homestead	from exterior project?							Historic fence at front of yard and picket fence must be	The historic fence in fornt of the building was rebuilt from photos
		Other sources?							de-mildewed and repainted or they will deteriorate further	and remnants about 10 years ago by North Bennet St. School
partially fun	Historic Burying	CPA	On-going						Restoration of most gravestones complete-moving on to tomb	The city owns these three burying grounds which are being
	Grounds Restoration								repair	restored for the first time.
NEEDS NEW FUNDING										
1	Object Collection	CPA	$35,000						Object Collections need proper storage that is climate-	Planning grant submitted--put on hold until capital planner
(large proje	Storage,								controlled, more space, in proximity to Jackson Homestead	comes on board and helps to identify space
	Planning,									
	Implementation,	CPA	$TBD							
1	Jackson Gallery Walls	CIP	$TBD						The walls in the Jackson Gallery need to be recovered with	The Jackson Gallery is lined with felt that sags when it is humid
(small project)									velcro grabbing material (like carpet)	out. It is also faded and stained. It needs to be replaced.
3	Paint interior of JH	CIP			$TBD				Many of the interior walls of the Jackson Homestead need	This was supposed to happen in conjunction with the exterior
									refreshing	last year but didn't. A.C. has prices from then I think. It may
2	JH Tree Project	CIP-P&R		$TBD					Many of the trees on the property are in bad shape and need	The hemlocks that screen our property form the office next
PARKS AND RECREATION										
1	New Vehicles/Equipment		$200,000	$320,785	$315,500	$300,500	$246,000		The replacement of specific vehicles that have been surplused o reached the end of their useful lifespan	are no longer functioning or functioning properly. These funds will be used to replace a 1997 sedan that was surplused, a 1995 pickup truck that has been surplused
2	Upper Falls Playground Park Entry/Seating Area and Tennis Court Reclamation	Potential for some access funding	$150,000						2008 Master Plan report by Weston & Sampson presents complete renovation of the park for $3 million; the project involved a 3-public meeting process. This is one much-needed, visible element of the park.	This corner area shown in the 2008 Master Plan can easily and independently be constructed and well-integrated into the existing park. Construction plans, completed by our Engineering Dept. are in-hand. This is a shovel-ready project in a park that has
3	Hazardous Tree Removal and mitigation		$220,000	$220,000	$264,000	$264,000	$264,000	$310,000	The removal of 350 to 450 un-reported hazardous street trees	not been reported. These trees have a high risk of failure and may cause personal and/or property damage as well as increase annual tree emergency costs. Rem
4	Newton Centre Playground Recreation Building (The Hut)	CPA Historic Preservation potential	tbd						The complete renovation and restoration of the Recreation Field house at Newton Centre Playground	Nearly 100 years old the building at Newton Centre Playground has seen constant use. Structurally the building is beginning to fail. The building has a failing, outdated heating system that can not keep the facility warm in the winter. The Hut as it is
5	Athletic Field Reclamation		$85,000	$90,000	$95,000	$100,000	$105,000	$110,000	The complete renovation of specified athletic fields. The process consists of sod removal and disposal, sod installation, addition of screened loam (at 3/8"), laser grading	Many of the City's major athletic fields have been in continuous use for over 50 years. Many o these fields were not properly constructed or have degraded significantly. The reclamations of these fields will significantly improve the quality of the fil
6	Preventative Safety Pruning of 1/6th of City street trees (5000 trees annually)		$335,000	$335,000	$335,000	$375,000	$375,000	$375,000	The pruning of approximately one-sixth of the City's trees annually.	The City has over 30,000 streets trees. The majority are over 40 years old and have not been cared for since the early 1980's. The majority of the City's trees have dead hazardous branches as well as low branches that violate ADA regulations and road he
7	School Play Apparatus Replacement & Related Site work			$160,000	$160,000				Old, out-dated wooden play structures on a list to be phased-out and replaced with metal/plastic structures.	Old and out-dated wooden play structures in need of replacement. Not repairable.
8	Gath Pool Swim Facility Design and Construction			$3,500,000					Design and Replace the existing Gath pool aquatic facility.	The existing aquatic facilities are nearly 50 years old. Annually thousands of dollars are spent to maintain a facility that has constant equipment failures and leaks. The pool has insufficient space to accommodate the volume of use. Replacing the pool
9	Crystal Lake Bathhouse Design and Construction				$2,500,000				2009 Master Plan was prepared by architect/land. Arch. Team under the guidance of Crystal Lake Task Force. Existing bathhouse determined to be in need of replacement due to wood rot, mold and algae, leaks, & flooding related to adjacent parking lot storm	Existing building in deplorable condition. Master plan exists. Would need architectural drawings and permitting in order to move forward.

Priority	Project	Potential Funding	Budget FY11	Budget FY12	Budget FY13	Budget FY14	Budget FY15	Budget FY16	Project Description	Project Justification/Impact
PARKS AND RECREATION (Cont'd)										
10	Newton Highlands Playground Storm Drainage Analysis/Prelim. Design & Phase I Athletic Fields		$50,000	$690,000	$670,000				Spring 2008 Master Plan was completed by Weston & Sampson; process involved 3 public meetings. Total est. cost for complete renovation: $3.4M. Existing serious drainage problems at this park were identified; initial study/prelim. design needed as first	Serious drainage problems that exist at this park were identified as the number one priority. Storm drainage (analysis & prelim. design) based on Weston & Sampson fee proposal to DPW dated 1.14.08. Little League and football field costs are based on Wes
11	Tree Planting		$248,000	$248,000	$298,000	$298,000	$298,000	$357,000	The planting of 400 trees to replace tree removed due to death, decline and failure.	Annually the City looses between 400 and 500 trees. This loss puts the City at a pace to have nearly no street trees in 60 years. Systematic replacement of the City's trees insures improved quality of life, reduces storm water costs, reduced pollution,
12	Accessible Park Pathways	CDBG		$5,000	$40,000	$45,000	$45,000		Parks and Recreation has identified and established priorities for much-needed accessible routes throughout the park system. CDBG Access Funding FY11-FY15 approved the following: Crystal Lake Pathway Phase II ($5000); N. Centre Playground, Phase IV ($40	These projects have all been approved for CDBG access funding in their FY11-FY15 plan
13	Halloran Field Athletic Lighting		$150,000						Halloran Sports Complex-4 fields, 56 new fixtures (11 new wire harnesses, 47 re-lamps, Control link, 10 year warranty)	The existing lighting system at Halloran is 30 years old and has experienced several major outages in the last five years. As the City's premier athletic complex the site serves thousands of individuals and hosts many major sports leagues. Replacing th
14	Athletic Turf Management		$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	Annually P&R manages approximately 110 acres of irrigated and non irrigated athletic fields and grounds. At least two times per season P&R includes the following as part of our turf program: aeration, slice seeding, fertilization, topdressing mix and in s	The Department's athletic fields receive over 50,000 hours of use annually. This constant and repeated use degrades the quality of the turf, compacts the soil, and promotes weed growth. The effects of this are poor playing conditions and can lead to pot
15	Irrigation Well Pump Replacement		$12,500	$12,500	$13,500	$13,500	$14,500	$14,500	Replacement of well pumps that fail during the year	Many of the City's wells have acceded their anticipated life expectancies. Annually it is anticipated that some of these wells will fail and require replacement. The wells are used to provide irrigation water to athletic fields. Without these wells the
16	Charlesbank Playground Phase II Construction	CDBG		$235,000					2008 Master Plan by Ray Dunetz Landscape Architects. Total est. cost for park renovation: $355,000. Phase I (rear half of the park incl. play equipment) construction is about to begin (9/10). Proposed Phase II: $235,000 (front half of the park)	Phase I construction (funded by CDBG) to begin 9/10. Phase II construction documents are complete. Shovel-ready project.
17	City Hall and War Memorial Landscape Preservation Project	CPA		$1,171,000		$1,116,749		$813,446	This CPA- funded project concerns the historic preservation of al of City Hall/War Memorial Public Bldg. Grounds (designed by Olmsted Bros.; National Historic Register) . Pressley Associates Landscape Architects prepared a 2008 Historic Landscape Preser	City Hall Ponds project (to be completed by DPW) must precede this historic landscape preservation project. Once storm water issues are addressed and ponds are dredged this landscape project can move forward. Each phase will need construction documents
18	Farlow & Chaffin Parks Historic Landscape Preservation Plan	CPA	$555,600	$320,000	$320,000				Brown, Richardson & Rowe, Landscape Architects prepared historic landscape preservation master plan in 2008. Master Plan and Phase I have been funded by CPA. Proposed work is to be phased. Phase I ($40,000) in process.	Master plan exists for this park. CPA has already funded Phase I (well investigation and design of the reflecting ponds). Design needs to go before P&R Commission and be approved before it can go to CPA for funding.
19	Lowell Park Master Plan, Newtonville			$95,000	$215,000				Ray Dunetz Landscape Architects prepared 2008 Master Plan; estimated renovation cost: $310,000; project put forth by Newtonville Advisory Committee; involved a number of public meetings. Site prep, earthwork and planting ($95,000); Site furniture, planti	Master plan exists for this park. Much-needed related roadway improvements at Lowell x Watertown Sts. just being completed now (8/10). Two construction phases proposed. Construction documents for bid would be needed.
20	Playground Safety Surfacing/Repairs	Boston Marathon Funding	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	The replacement and restoration of playground safety surfacing	This project would allow the Department to replace and to install fibar (safety surface) under and around play apparatus citywide. It will also include the repair and replacement of equipment (chains & swings, etc.).
ENVIRONMENTAL AFFAIRS										
1	Disposal of crushed material at Rumford Ave.	Environ Fund	$0	$50,000	$0	$50,000	$0	$50,000	Disposal of crushed roadway material.	Construction debris accumulates at Rumford Ave as a byproduct of DPW construction projects and must be crushed for reuse on other projects on a regular basis.
EQUIPMENT, SITE AND FACILITIES IMPROVEMENTS										
6	High Frequency Radio Network System	Unknown	$0	$250,000	$0	$0	$0	$0	Replace existing, low-band mobile radio and base station system with a hi-band frequency radio system.	Existing radio system utilizes low band frequency, which doesn't allow for cross-departmental communication. A high-band frequency allows for communication with Fire & Police in emergencies. Transition plan includes primary reliance on cell phones for communication
1	Purchase of Heavy Trucks and Equipment	Annual city debt issuance	$750,000	$750,000	$750,000	$750,000	$750,000	$750,000	Replacement of DPW fleet and equipment requires recurring investment. Categories typically replaced include street sweepers, large construction trucks and equipment.	
1	Purchase of Light Trucks, Vehicles and Equipment	DPW Operating Budget	$140,000	$187,000	$140,000	$140,000	$140,000	$140,000	Replacement of DPW fleet and equipment requires recurring investment. Categories typically replaced include pick-up trucks, sedans, one-ton trucks, construction and vehicle maintenance equipment.	
1	Salt Storage Sheds and Quonset Hut	Unknown	$475,000	$0	$0	$0	$0	$0	Replace salt storage sheds and quonset hut at Crafts St. yard.	Both the salt storage sheds and Quonset hut at the Crafts St. DPW yard are in such disrepair it is more cost effective to replace vs. repair the three facilities.
5	Equipment Shelters at Elliot and Crafts Street	Unknown	$0	$0	$300,000	$0	$0	$0	Construction of two vehicle/equipment storage facilities at $150 K each at Elliot and Crafts St.	The purpose of providing covered facilities for vehicles and equipment is to extend the useful life of city assets.
2	Covered Wash Bay Elliot Street Yard	Unknown	$0	$250,000	$0	$0	$0	$0	Provision of enclosed vehicle washing facilities bay at Elliot St. Currently there is only one bay at Craft St yard.	Wash bay needed to meet EPA requirements on storm/wash water. Use of wash bay at critical time & location of 70% of our fleet at Elliot St during winter operations necessitates a wash bay at this site.
ENGINEERING										
1	Engineering Map Scanning project	CPA	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	Plan to scan all engineering maps into a main server for use citywide: Planning, Assessing, Law, ISD and residents. Create a storage area for maps. Multi-Year program. Consultant developed a plan that includes on-site scanning and indexing. Working with City Clerk to investigate use of CPA funds.	The current maps are deteriorating swiftly. A new storage system would allow DPW to store the maps after scanning.

Priority	Project	Potential Funding	Budget FY11	Budget FY12	Budget FY13	Budget FY14	Budget FY15	Budget FY16	Project Description	Project Justification/Impact
CURBS, SIDEWALKS AND PRIVATE WAYS										
4	Sidewalk Betterments - Street Reconstruction	Betterment Revolving Fund and DPW Operating Budget	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	Repair or installation of curb where DPW is undertaking road reconstruction.	Betterment cost is split evenly between proponent and city.
3	Sidewalk/Curb Betterments - Sidewalk/Curb Backlog	Unknown	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	Sidewalk repair backlog based on citizen requests	
3	Maintenance of Sidewalks	DPW Operating Budget	$180,000	$180,000	$180,000	$180,000	$180,000	$180,000	There is a backlog of sidewalk repairs. Damage is typically due to tree roots or age.	To maintain safe and passable sidewalks and curbing on arterial and collector roadways, in accordance with Ordinance. #26-70 to 73.
3	Installation of New Sidewalks	Pavement Management Program	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	There are 30-40 miles of roadway within the city without sidewalks. 10-year sidewalk installation plan: $300,000/yr for 10 years. Priorities for sidewalks will be developed through the pavement management plan.	To provide safe and passable sidewalks where none exist.
1	Private Ways	Special appropriation	$0	$50,000	$50,000	$50,000	$50,000	$50,000	Moulton St. - Major temporary repair.	To improve streets, as approved by the Board of Aldermen to remain private ways or to upgrade to city standards so that they may be accepted as public ways.
STREET RECONSTRUCTION										
1	Washington Street (Commonwealth Avenue to Centre Street)	C90/TIP	$650,000	$500,000	$400,000	$0	$0	$0	Reconstruction, signal upgrades, curb and walk replacement as needed. Anticipate use of Chapter 90 for design and TIP for construction.	To eliminate deteriorated roadway condition and to improve public safety.
2	Walnut Street (Homer Street to Route 9)	TIP	$250,000	$1,600,000	$1,600,000	$0	$0	$0	Full reconstruction and signal upgrades - project includes a portion of Centre Street from Walnut Street to Route 9 ramp. Project is on the alternate TIP list for FY12.	To eliminate the deteriorated roadway condition and enhance public safety.
1	Needham Street (Route 9 to Needham line)	TIP	$340,000	$340,000	$3,750,000	$3,750,000	$0	$0	Full reconstruction, contingent upon MHD (TIP) providing funding for construction and design.	To improve traffic flow, pedestrian and vehicular safety and provide for future economic development. Not currently a city street. City to accept after reconstruction.
2	Commonwealth Avenue (Route 128 to Auburn Street east (Phase II))	C90/TIP	$0	$300,000	$300,000	$3,800,000	$0	$0	Full reconstruction, signal upgrade & extensive landscaping in accordance with the Commonwealth Avenue Master Plan.	To eliminate deteriorated roadway condition to improve public safety and to restore Commonwealth Avenue to previous boulevard status.
3	Commonwealth Avenue (Valentine Street to Exeter Street (Phase V))	C90/TIP	$0	$0	$300,000	$300,000	$3,800,000	$0	Full reconstruction, signal upgrade & extensive landscaping in accordance with the Commonwealth Avenue Master Plan.	To eliminate deteriorated roadway condition to improve public safety and to restore Commonwealth Avenue to previous boulevard status.
1	ADA Access Curb Cuts	CDBG	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	Provide ADA access curb cuts throughout City.	To comply with federal ADA requirements and to provide safe, accessible means to and from City sidewalks.
2	Street Repair	Operating Budget	$270,000	$270,000	$270,000	$270,000	$270,000	$270,000	Miscellaneous repairs of city streets.	To maintain City streets as passable rights of way and enhance public safety.
3	Commonwealth Avenue (Boston Line @ BC)	Unknown	$0	$250,000	$0	$0	$0	$0	Full reconstruction and signal upgrade in accordance with the Commonwealth Avenue Master Plan.	To eliminate deteriorated roadway condition, improve public safety and restore Commonwealth Avenue to previous boulevard status.
2	Pavement Management Plan	Unknown	$6,200,000	$6,200,000	$6,200,000	$6,200,000	$6,200,000	$6,200,000	This initiative will evaluate the existing conditions of City roadway and through the use of pavement deterioration algorithms, recommend road rehabilitation priorities and techniques for the City's roadway network. The pavement management design plan is being funded from Ch 90 funds.	Will provide a condition assessment of all city roads and subsequently establish repair priorities.
2	Wales St. Bridge	C 90	$400,000	$0	$0	$0			Repairs to Wales Street bridge, based on deficiencies found during Mass DOT bridge inspection program. Construction costs are equally shared with Town of Wellesley.	Repairs are required in response to the Mass DOT bridge inspection program. Repairs will extend the life of the bridge, and will meet current Mass DOT bridge standards.
1	Nahanton St bridge	C 90	$500,000	$0	$0	$0			Repairs to Nahanton Street bridge, based on deficiencies found during Mass DOT bridge inspection program. Construction costs are equally shared with Town of Needham.	Repairs are required in response to the Mass DOT bridge inspection program. Repairs will extend the life of the bridge, and will meet current Mass DOT bridge standards.
PARKING METERS, TRAFFIC SIGNALS AND PARKING LOTS										
1	Municipal parking lot reconstruction	Parking Meter Receipts	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	1. Pearl St (FY 2011). Full depth reconstruction of existing lot; 2. Chapel Street (FY 2012). Lot capacity is 24 spaces. (Metering cost estimate of $400/space) Estimated payback time of 3 years based on projected use and rates.; 3. Adams Street (FY 2013). Lot capacity is 29 spaces. (Metering cost estimate of $400/space) Estimated payback time of 2 years.	Resurface parking lots approximately every 15 years for preventative maintenance.
2	Upgrades for credit/debit card acceptance citywide	Parking Meter Receipts	$100,000	$100,000	$100,000	$100,000	$100,000	$0	Funding in this category would install multi-space parking meters at each municipal parking lot and install smart card readers in all single or double space parking meters citywide. Each pay station would accept credit/debit, cash/coin while individual meters would accept coin or debit card.	The proposed funding of $100,000 per year for five years would enable the City to offer parking patrons an alternative to the current coin-dependent system. A conversion to "plastic acceptance" will reduce the City's coin collection, counting, and processing costs. Multi-space meters will also facilitate enforcement and increase revenue. The parking meters replaced by multi-space meters can be reused for spare parts or in new installations approved by Traffic Council.
3	Convert streetlights/ floodlights to more energy efficient fixtures	Parking Meter Receipts	$75,000	$75,000	$75,000	$75,000	$75,000	$75,000	Starting with fixtures 200 watts and higher, convert existing lights to LED or equivalent to further reduce electricity used for public lighting	2007 streetlight energy efficiency project paid for itself as of September 2009. Projects costs would be offset by utility rebates with payback of less than 10 years through reduced electricity and maintenance costs. Allows further reductions in City's carbon footprint and annual electricity budget.

Priority	Project	Potential Funding	Budget FY11	Budget FY12	Budget FY13	Budget FY14	Budget FY15	Budget FY16	Project Description	Project Justification/Impact
PARKING METERS, TRAFFIC SIGNALS AND PARKING LOTS (Cont'd)										
4	Modernize existing traffic signals over 20 years old (3-5 per year for 10-15 years)	Parking Meter Receipts/ Mitigation Funds	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	Approximately 47 of City's 92 traffic signals are currently beyond their functional design life of 20 years and are not planned for replacement via State TIP or other funding source. The traffic signal equipment at these locations is prone to failure, requiring significant maintenance costs, and is less efficient for traffic flow. This project will upgrade existing traffic signals where the application of vehicle detection, pedestrian actuation, signal coordination, or other new equipment can reduce delays through more efficient operations. The goal of this program will be to modernize 47 lights over 10-15 years. Examples: recabling intersections, upgrading to 12" LED signals, installing left turn arrows and upgrading traffic signal controllers.	Project for preventative maintenance, such recabling an intersection where the wiring, signal posts, or conduit has been susceptible to failure (e.g., repeat repair calls) due to advanced age (>20 years). These projects will reduce congestion and auto emissions and improve safety. Energy and maintenance costs will be lowered via the longer lasting, lower wattage LED lamps. Total project cost is $1.2M over 15 year period (47 lights of 92 @ $25K a piece).
3	Construct new traffic signals or flashing beacons: 1. Beacon @ Grant, 2. Centre @ Cypress, 3. Dedham @ Spiers	Unknown	$25,000	$175,000	$175,000	$25,000	$0	$0	1. Beacon @ Grant: BOA resolution requesting funds for fully actuated traffic signal to replace existing flashing beacon. Docket # 408-98, Resolution Date 10/5/98; 2. Centre @ Cypress: BOA resolution requesting funds for installation of a traffic signal. Docket # 413-00, Resolution Date 5/7/01;and 3. Dedham @ Spiers: Board Order V-282 adds this location to Ordinance Section 19-146 (Flashing Warning Light Locations). Docket # 445-99, Board Order Date 3/6/00.	Due to the age of these CIP entries, these locations would require new studies to determine if associated warrants are still met.
6	Citywide MUTCD compliance	DPW Operating Budget (replace damaged signs) and Parking Meter Receipts (install new signs)	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	Citywide sign replacement program to meet revised Federal standards for sign materials, colors, size, and letter height. Funding will also enable City to meet new standards relative to sign management re: retroreflectivity. Replacement signs need to be in place by FY14.	The Manual on Uniform Traffic Control Devices (MUTCD) provides the standards for traffic signs nationwide to ensure safety and consistency from one community to another. The MUTCD is periodically updated to increase the effectiveness of signs. Local agencies are the given 5 to 10 years to replace signs that no longer comply with the old standards. Recent examples include increasing the standard size of STOP signs from 24" to 30" and street name signs from 4" to 6" letters.
5	Traffic Maintenance Equipment	DPW Operating Budget	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	Replace one vehicle per year as needed for equipment which has reached the end of its useful service life. Vehicles associated with traffic maintenance functions include: sedans (2) pick-up trucks (4), meter collection vans (2), cargo body trucks (2).	Required to support activities of the Highway Division Traffic Operations and Maintenance group, and Engineering Division.
STORMWATER										
1	Cheesecake Brook Drainage Basin: Repair and Rebuild Retaining Wall	Storm Water	$0	$200,000	$0	$0	$0	$0	Structural repair to failing retaining walls along Cheesecake Brook.	To minimize property damage due to flooding caused by heavy rains and compromised conveyance systems. Minimize street flooding and meet DEP stormwater discharge quality requirements.
2	Rehabilitation of Forest Grove Pump Station	Unknown	$0	$200,000	$0	$0	$0	$0	Install new electrical, mechanical components. Install security appurtenances, repair exterior door, trim and roof.	Pump station is used for flood and mosquito control of Flowed Meadow and needs upgrades and repair work to function properly.
3	Crystal Lake Bath House Facility Drainage Improvements	Unknown	$80,000	$0	$0	$0	$0	$0	Installation of catch basins and stormwater facilities in parking lot	DEP requires stormwater facilities to control runoff into Crystal Lake.
3	Newton Commonwealth Golf Course Brook Culvert Replacement	Storm Water	$0	$75,000	$75,000	$0	$0	$0	Replacement of collapsed concrete culvert over brook in golf course.	Existing culvert has failed and has collapsed.
1	Old Farm Rd. Drain - Enclose Laurus Lane System	Storm Water	$0	$450,000	$0	$0	$0	$0	Install approximately 500 feet of 36 inch pipe; Install five drain manholes.	Reduces soil erosion and runoff volumes. Increases groundwater recharge.
1	Stormwater System Improvements	Storm Water	$100,000	$100,000	$100,000	$100,000	$100,000	$0	Miscellaneous drainage infrastructure improvement projects throughout the City.	To improve and maintain drain/stormwater infrastructure in accordance with federal and state regulations. To monitor ongoing water quality as specified by state and federal regulatory bodies.
2	City Hall Ponds Sediment Removal	Storm Water	$0	$500,000	$0	$0	$0	$0	Remove excess sediment from ponds. Haul sediment to in-state landfill.	Removal of sediment will reduce flooding on Homer St. and library parking lot.
3	Pellegrini Park Drain Replacement	Storm Water	$0	$100,000	$0	$0	$0	$0	Replace drain pipe.	Existing pipe has settled causing flooding.
1	Hillside Ave. Drain Replacement	Storm Water	$100,000	$0	$0	$0	$0	$0	Replace drain pipe.	Existing pipe has collapsed
1	Master Plan	Storm Water	$0	$250,000	$0	$0	$0	$0	Develop Master Plan for Stormwater needs and Rate Restructuring.	Fund existing capital needs for stormwater. Develop most equitable and appropriate method for charging residential and commercial properties.
1	Gordon Rd Drain Repair	Storm Water	$80,000	$0	$0	$0	$0	$0	Repair crushed drainage pipe in Gordon Rd.	Pipe is crushed, along with the sewer pipe. Both pipes need to be repaired at same time. Crushed pipe is causing flooding.
1	Webster St - Crescent St Drain Repair	Storm Water	$80,000	$0	$0	$0	$0	$0	Repair crushed drainage pipe in easement from Webster St to Crescent St.	Pipe is crushed, and is causing flooding in the rear yards of the abutters.
1	Hammond St Drain Repair	Storm Water	$80,000	$0	$0	$0	$0	$0	Repair crushed drainage pipe on Hammond St at #246.	Pipe is crushed, and is causing flooding at #246.
1	Hammond Brook Retaining wall repairs at #170 Sumner St	Storm Water	$0	$0	$500,000	$0	$0	$0	Repair retaining wall within Hammond Brook at #170 Sumner St.	Retaining Wall requires repairs, as it is deflecting inward toward brook.

Priority	Project	Potential Funding	Budget FY11	Budget FY12	Budget FY13	Budget FY14	Budget FY15	Budget FY16	Project Description	Project Justification/Impact
WATER AND SEWER										
1	Purchase of Trucks and Equipment	Operating Budget	$165,000	$200,000	$200,000	$200,000	$200,000	$200,000	Replacement of Sewer Program vehicles and equipment and purchase of new equipment.	Equipment typically replaced includes backhoes, pickup trucks, etc.
1	Removal of Infiltration in Sewers/Underdrains Throughout City	MWRA	$1,000,000	$300,000	$300,000	$300,000	$300,000	$300,000	Evaluation and design of sealing lateral sewer lines (sewer mains < 12")-- 87,500 LF per year for four years (350,000 LF total), upon completion of main line repairs. Work will commence in the following order: Hyde Brook, Cheesecake Brook and Laundry Brook.	Removal of I/I to improve sewer capacity, reduce sewer backups and overflows, lower sewer fee from MWRA and to improve stormwater quality to Charles River.
1	Design for Removal of Inflow - Various Locations Throughout City	MWRA	$200,000	$300,000	$300,000	$300,000	$300,000	$300,000	Design and removal of >115 identified infiltration/inflow (roof leaders, sump pumps and driveway drain) sources throughout City.	To improve sewer system capacity. DEP requirement under existing consent order. FY10-14 construction/removal; 45% grant and 55% loan. Future targeted areas include: Waban, Lower/Upper Falls and Newton Highlands/Auburndale.
1	Sewer System Improvements	Operating Budget	$200,000	$200,000	$200,000	$250,000	$250,000	$250,000	Emergency/preventative repairs to the City's sewer system through the annual sewer system rehab contracts.	To repair breaks and sewer system problems as they occur. Investigation with closed circuit television truck in conjunction with the road reconstruction program.
1	Wastewater Pump Stations Improvements	Operating Budget	$100,000	$70,000	$70,000	$70,000	$70,000	$70,000	Install new mechanical seals on each of the four pumps, a new state of the art sewage grinder, motor soft starters and new doors and frames for the wet well and dry well.	Wet wells and influent channels need replacement. Mechanical elements (pumps, seals and starters) to be replaced in FY11 $100K.
1	Wastewater Pump SCADA Upgrade	Sewer Operating Budget	$220,000	$25,000	$25,000	$25,000	$25,000	$25,000	Upgrade SCADA to include security appurtenances and flow recorder/totalizers at four pump stations. Remove and replace one pump per year. Install variable frequency drives (VFDs) on each pump.	Critical to security and operations. Will also improve the lifecycle of the station, conserve energy and improve the station's flow characteristics.
1	Old Farm Rd. Area Sewers - Replace Existing Sewer System	Bond	$115,000	$1,100,000	$0	$0	$0	$0	Replace approximately 1,600 feet of 8-inch and 10-inch pipe with 12-inch and 15-inch pipe on Old Farm Rd. Replace ten sewer manholes.	Increase in sewer capacity minimizes sewer discharging and overflows in Old Farm Rd. area.
1	Quinobequin Rd Sewer Bypass Pipe	Sewer Operating Budget	$100,000	$0	$0	$0	$0	$0	Install new bypass pipe from headworks to sewer manhole on Quinobequin Rd	Existing pipe is under sized for sewer flows. New pipe is to be relocated to the next manhole downstream.
1	Gordon Rd Sewer Repair	Sewer Operating Budget	$80,000	$0	$0	$0	$0	$0	Repair crushed sewer pipe in Gordon Rd.	Pipe is crushed, along with the drain pipe. Both pipes need to be repaired at same time. Crushed pipe is causing sewer backups.
1	Wood End Rd Sewer Repair	Sewer Operating Budget	$80,000	$0	$0	$0	$0	$0	Repair crushed sewer pipe in Wood End Rd.	Pipe is crushed, and is causing sewer backups.
1	Newtonville Ave Sewer Repair	Operating Budget	$80,000	$0	$0	$0	$0	$0	Repair crushed sewer pipe in Newtonville Ave at Harvard St.	Pipe is crushed, and is causing sewer backups.
1	Purchase of Trucks and Equipment	Operating Budget	$171,000	$200,000	$200,000	$200,000	$200,000	$200,000	Replacement of Water vehicles and equipment.	Equipment typically replaced includes backhoes, pickup trucks, etc.
1	Water Main Replacement, Cleaning & Lining	MWRA	$2,600,000	$1,360,200	$1,360,200	$1,360,200	$1,360,200	$1,360,200	Continue with ongoing program to replace undersized and unlined water mains. Also to clean and line larger mains and loop where necessary.	Improve water quality and replace aging pipes. $13,602,000 MWRA zero-interest loan over ten years.
2	Painting Water Tanks and Improve Security at Stanton Rd. and Winchester St.	Water Operating Budget	$0	$800,000	$0	$0	$0	$0	Stanton Ave. rehabilitation in FY11 and Winchester St. in out-years. A third tank, Oak Hill was completed in FY08. Physical and electronic improvements to water tanks. Included fence, gate, barriers, intrusion alarms and motion detectors is also included.	Tanks are showing signs of rusting. Painting will prolong their useful service life. Existing lead paint needs to be abated.
1	Water Meter and Reading System Replacement	Bond	$5,750,000	$0	$0	$0	$0	$0	In May 2008, the Board of Aldermen approved $11.5 million in bonding to pay for an automated meter reading system.	The City's current water meter and metering system was installed between 1981 and 1985. A remote reading system will be installed allowing for more accurate reads.
1	Water Proofing and Masonry Repairs to Utilities Operations and Maintenance Facility	Operating Budget	$85,000	$0	$0	$0	$0	$0	Water proofing and masonry repairs to the Utilities building at Elliot St.	Repairs are needed at Utilities building to stop persistent leaks.
1	Waban Hill res. Central Core Improvements	Bond	$50,000	$500,000	$0	$0	$0	$0	Central core corroding and beginning to weep and roof leaking	Insert liner in Central core and spot weld corroded areas and replace roof
PUBLIC BUILDINGS										
1	Elliot Street Yard	CIP	$7,500						DEP Site Close-out by end of 2010	
	Cabot School	CIP	$7,500						DEP Site Close-out by end of 2010	
	Horace Mann School	CIP	$41,000						Ongoing LSP services/remediation required for at least 3-4 years	
	South High Football Field	CIP	$8,500						DEP Site Close-out by end of 2010	
2	Municipal Buildings (30 blds) & re	Free Cash	$400,000						The last major facilites study was almost 25 years ago	
	of School Study									
3	City Hall	CIP	$21,000						Currently there is no record of who has keys to the bldg	
	Main Library	CIP	$11,500						Current access control system and security not working properly	
	Public Buildings Department	CIP	$9,500						Current system is over 15 years of age, upgrade required	
4	City Hall	CIP	$30,000						Replace rusted 6,500 gallontank with 4-275 gallon tanks	
	Fire Station #10	CIP	$15,000						(gasoline tank only)	
5	Various Municipal Buildings (5)	CIP	$45,000						Current leak detection systems are almost 20 years of	
									age, past useful life	
6	Exterior Water Mitigation	CIP	$250,000						Repair of War Memorial Stairs/sumps, etc	
7	Police Annex	CIP	$125,000						In conjunction with Noresco Improvements	
	City Hall	CIP	$120,000						In conjunction with Noresco Improvements	
8	Noresco Phase III	CIP	$5,300,000						HVAC and related equipment replacement	
9	Fire Station # 10	CIP	$400,000						Design/PM for next Fire Station	
10	Exterior repairs/landscaping	CIP	$50,000						Exterior of building is in poor condition, this will stablilize the exterior	

Priority	Project	Potential Funding	Budget FY11	Budget FY12	Budget FY13	Budget FY14	Budget FY15	Budget FY16	Project Description	Project Justification/Impact
PUBLIC BUILDINGS (Cont'd)										
11	Aldermanic Chamber Floor Refinishing		$45,000							
12	Police Annex	CIP	$60,000							
	Generator Repairs		$25,000							
13	City Hall (2)	CIP	$100,000						**(Noresco to cover toilet replacement)**	
14	Crafts Street Garage - Welding Sł	CIP	$62,275							
	Utilities Facility	CIP	$80,000						Water/Sewer Fund	
15	Interior repairs	CIP	$27,500						Short term bathroom and other interior repairs	
16	Elliot Street Garage	CIP	$14,000							
	Elliot Street DPW Operations Cer	CIP	$28,000							
17	Gath Pool	CIP	$12,500							
18	Gath Pool	CIP	$75,000							
19	City Hall	CIP	$100,000							
20	Crafts Street DPW	CIP	$475,000							
	Other Building Improvement Projects									
	Environmental Remediation			$75,000	$75,000	TBD	TBD	TBD		
	Electrical System Upgrades			$25,000			$25,000	$0		
	Emergency Generator Evaluation/Replacement			$125,000	$125,000	$125,000	$125,000	$125,000		
	Facilities Renovations			$3,000,000	$400,000	$3,000,000	$400,000	$3,000,000		
	Restroom Upgrade			$100,000	$100,000	$100,000	$100,000	$0		
	Shower Area repairs:Plumbing, tiles/Repair Pool			$60,000						
	Building Envelope Repairs				$640,370					
	Building Envelope Repairs				$473,643					
	Lobby Re-configuration/renovation				$50,000					
	Treasury Counter/Office Modifications				$75,000					
	City Clerk Office/Vault Modifications				$236,500					
	Additional Archive Space				$500,000					
	Termite Damage repairs				$25,000					
	Vestibule Construction				$150,000					
	Porch Conversion/Lower Level Renovations					$518,000				
	New Facility/demolition of existing						$4,500,000			
	HVAC/Energy Conservation Improv.									
	T'Stat Replacement, Steam Trap Replacement			$35,000						
	New ATC Installation			$75,000						
	Phase IV Noresco Projects				$500,000					
	Future Energy Conservation Projects				$100,000	$100,000	$100,000	$100,000		
	Second Floor A/C				$37,750					
	Boiler & related equipment replacement				$75,000					
	Miscellaneous HVAC Improvements					$175,000	$175,000	$175,000		
	Window Replacements/Refurbishing									
				$75,000						
				$75,000						
					$125,000					
							$90,000	$90,000		
	Fuel Oil Tank Replacement Program									
				$45,000						
				$9,000						
				$9,000						
				$9,000						
					$90,000					
						$90,000				
							$90,000			
								$90,000		
	Exterior Doors									
				$35,000						
				$50,000	$50,000	$50,000				
							$57,500			
								$25,000		
								$17,500		

Priority	Project	Potential Funding	Budget FY11	Budget FY12	Budget FY13	Budget FY14	Budget FY15	Budget FY16	Project Description	Project Justification/Impact
PUBLIC BUILDINGS (Cont'd)										
	Roof Replacement/Major Repairs									
				$575,000						
				$150,000						
					$155,000					
					$95,000					
						$150,000	$150,000	$150,000		
	Exterior Painting									
					$12,500			$12,500		
					$5,000			$5,000		
					$40,000			$40,000		
						$17,500		$17,500		
						$25,000		$25,000		
				$75,000			$100,000	$175,000		
					$17,500	$32,500		$50,000		
	Masonry Repairs									
				$175,000						
				$50,000						
				$25,000						
					$25,000					
					$50,000					
						$25,000	$25,000	$25,000		
						$50,000				
							$15,000			
							$25,000			
							$10,000			
								$75,000		
	Tile Flooring									
				$10,000						
					$75,000					
						$17,500				
						$20,000				
						$25,000	$75,000			
								$37,500		
								$50,000		
	Carpet Replacement									
				$25,000		$25,000	$25,000			
				$25,000	$25,000	$25,000				
				$25,000	$25,000	$25,000				
							$50,000			
								$25,000		
								$25,000		
	Interior Painting									
				$75,000		$75,000		$75,000		
				$37,500						
				$60,000						
					$150,000					
					$50,000					
						$35,000				
						$75,000				
						$85,000				
							$20,000			
							$15,000			
							$25,000			
							$30,000			
								$17,500		
								$62,000		
			$ 35,588,931	**$ 34,844,880**	**$ 30,553,323**	**$ 28,294,586**	**$ 24,014,075**	**$ 19,126,871**	**$209,835,066**	

Section 6

FY2010 Newton Public Schools Actual Charter Maintenance
FY2011 Newton Public Schools Projected Charter Maintenance

FY10 Charter Maintenance Projects and Expenditures

Summary of Annual FY10 Expenditures

Public Buildings labor & materials	$	457,475	includes $108,449 for summer projects labor/materials
Vendor R&M	$	1,680,462	includes $564,209.38 on summer projects
Work by other depts,equipment, software, training, cc	$	140,537	
TOTAL CM FY10 EXPENSE	$	2,278,474	

Summary of Summer Project Expenditures

Summer Projects Vendor Expenditures	$	564,209	vendors and summer painters
Summer Projects Transfer Bills from Public Buildings	$	108,449	labor and materials; some of the hrs billed may have been for other routine repairs
Total Summer Projects FY10 (summer 2009)	$	672,659	This total is included in the $2,278.473.70 total

SUMMARY OF PROJECTS COSTING > $2,000 BY OUTSIDE VENDORS (incl summer painters)

Advanced Alarm	14 schools	$	87,041	smart card reader access control project	
Advanced Alarm	central monitoring	$	3,297	alarm system	
Advanced Alarm	Day	$	6,159	camera installation	
Advanced Alarm	Ed Center	$	11,380	install access control	
Advanced Alarm	Inspection of alarms- 22 bldgs	$	16,480	annual	
Advanced Alarm	North	$	19,788	install 4 surveillance cameras - labor/material	
Advanced Alarm	North	$	6,716	equipment related to 4 cameras	
					$150,861.51
Advanced Prep Coat	Angier	$	4,679	bathroom flooring - summer project	
Advanced Prep Coat	Brown	$	7,487	bathroom flooring - summer project	
Advanced Prep Coat	Burr	$	10,471	bathroom flooring - summer project	
Advanced Prep Coat	Cabot	$	4,948	bathroom flooring - summer project	
Advanced Prep Coat	Lincoln-Eliot	$	17,996	bathroom flooring - summer project	
Advanced Prep Coat	Memorial-Sp	$	9,672	bathroom flooring - summer project	
Advanced Prep Coat	Ward	$	5,622	bathroom flooring - summer project	
Advanced Prep Coat	Williams	$	7,412	bathroom flooring - summer project	
Advanced Prep Coat	Zervas	$	12,276	bathroom flooring - summer project	
					$80,563.00
Aggregate Industries	Franklin	$	5,468	material for paving parking lot - summer project	
Aqua Barriers	Ed Center	$	7,354	Fascia Project	
Barry Bros.	Various bldgs	$	2,995	dumpsters for summer projects	
Folan Waterproofing	Ed Center	$	7,950	repair to precast stairs	
Fraser	Bigelow	$	19,910	new water heater	
Fraser	Bigelow	$	5,830	repair heat controls	
Fraser	Bigelow	$	4,007	new air compressor	
Fraser	Bigelow	$	3,509	repair cooling tower fan shaft	
Fraser	Bigelow	$	4,425	repair AC in offices	
Fraser	Bigelow	$	6,662	Repair AC in Library	
Fraser	Bigelow	$	2,812	replace coil	
Fraser	Bowen	$	5,985	new heat exchanger	
Fraser	Bowen	$	2,090	replace pump pressure	
Fraser	Brown	$	11,560	new ac rm 127	
Fraser	Brown	$	2,390	boiler hvac PM	
Fraser	Brown	$	4,237	Repair steam leaks	
Fraser	Brown	$	10,910	install new boiler reset control, labor/material	
Fraser	Burr	$	50,825	Emergency replacement Boiler #2	
Fraser	Burr	$	3,649	Repair univents	
Fraser	Countryside	$	6,540	install heating hot water control	
Fraser	Countryside	$	5,203	Repair pipe leaking	

FY10 Charter Maintenance Projects and Expenditures (Cont'd)

Fraser	Countryside	$	9,689	fabricate/modify hand rail valve	
Fraser	Countryside	$	4,988	Repair steam leaks	
Fraser	Day	$	6,330	New gas valves boiler 2	
Fraser	Day	$	3,684	repair main disconnect switch	
Fraser	Day	$	2,117	replace valve	
Fraser	Day	$	26,370	Clean AHU coils	
Fraser	Ed Center	$	14,340	install new energy recovery ventilator	
Fraser	Ed Center	$	2,712	repair AC in server room	
Fraser	Franklin	$	2,349	overheating	
Fraser	Franklin	$	2,211	air flow problems in 3 classrooms	
Fraser	Lincoln-Eliot	$	19,215	repair exhaust units	
Fraser	Lincoln-Eliot	$	8,617	boiler room plumbing repair	
Fraser	Memorial-Sp	$	3,412	Repair pipe leaking	
Fraser	Memorial-Sp	$	12,300	Install 2 new boiler reset controls	
Fraser	North	$	5,300	CNG	
Fraser	North	$	7,016	repair pool heater	
Fraser	North	$	11,910	Materials only to repair pool temp control	
Fraser	North	$	4,380	change over to AC	
Fraser	North	$	3,871	Disconnect heater woid 37039	
Fraser	North	$	6,343	repair air handling unit	
Fraser	North	$	4,292	replace coil	
Fraser	North	$	4,825	repair noisey unit #6	
Fraser	Oak Hill	$	4,215	Hot water	
Fraser	Oak Hill	$	12,102	replace water heaters	
Fraser	Oak Hill	$	14,169	install AC in guidance office	
Fraser	Oak Hill	$	2,441	repair AC front office	
Fraser	South	$	7,585	PM - label/identify 10 RTUs	
Fraser	South	$	7,443	Repair roof drain over boiler room	
Fraser	South	$	3,436	repair leaking univents	
Fraser	South	$	3,640	PM - label/identify 4 RTUs	
Fraser	South	$	2,202	repair condensation bldg H	
Fraser	South	$	6,753	repair chiller	
Fraser	South	$	3,263	repair hot tap piping boiler	
Fraser	South	$	4,790	replace coil in rm. 4113	
Fraser	South	$	2,731	repair AC room 6214	
Fraser	Underwood	$	3,916	steam leak	
Fraser	Underwood	$	23,100	replace new ventilar for classrooms	
Fraser	Underwood	$	62,445	repair electric supply to boiler	
Fraser	Underwood	$	9,965	install new heating controls for boilers	
Fraser	Williams	$	11,630	Install 2 new boiler reset controls	
Fraser	Williams	$	3,131	repair relief valve	
Fraser	services calls all schools	$	150,766	general service calls and minor repairs under $2,000	
				Total Fraser expenses = $726,079.86	
Kamco	Peirce	$	4,746		
Kneeland Constructio	Countryside	$	89,480	auditorium floor renovation - summer project	
NE Surface Maintena	Bowen	$	18,700	asbestos tile removal - summer project	
NE Surface Maintena	Burr	$	12,362	remove asbestos-boiler	
NE Surface Maintena	Countryside	$	13,833	asbestos abatement	
NE Surface Maintena	Underwood	$	9,600	Asbestos encapsulation	
					$54,495.21
Needham Certified W	Ed Center	$	9,985	ADA handrails at new handicap accessible ramp	
New England School	Toilet partition replacement	$	125,652	multiple bldgs --Summer Project	
New England School	Williams	$	3,225	Install new door #5 - summer project	
New England School	Horace Mann	$	5,854	New exterior door - summer project	
New England School	various buildings	$	21,223	door repairs and replacements as needed	

FY10 Charter Maintenance Projects and Expenditures (Cont'd)

Petroleum Manageme	Franklin	$	4,950	Clean two underground oil tanks	
Petroleum Manageme	Peirce	$	4,775	Clean two underground oil tanks	
Portland Group	Oak Hill	$	6,012	Hot water system parts	
Salese	Brown	$	41,984	new lockers - summer project	
SRM Plastering	Ed Center	$	4,751	plastering - summer project	
SRM Plastering	Franklin	$	5,310	plastering - summer project	
SRM Plastering	various buildings	$	9,345	plastering - summer project	
SRM Plastering	various buildings	$	23,472	plastering repairs, leaks, damage etc.	
Standard Electric	South	$	2,200	new lamps	
State Contract Carpe	Bowen	$	11,975	auditorium floor tile - summer project	
State Contract Carpe	Cabot	$	10,960	tile 2nd and 3rd fl hallways - summer project	
State Contract Carpe	Countryside	$	3,080	install tile, learning ctr & inclusion room - summer project	
State Contract Carpe	Countryside	$	18,315	new tile in 8 classrooms - summer project	
State Contract Carpe	Ed Center	$	3,018	carpet in Room 316 - summer project	
State Contract Carpe	Franklin	$	2,999	carpet and tile in 2 main offices - summer project	
State Contract Carpe	Mason Rice	$	17,195	Upstairs Hallways, install new tile - summer project	
State Contract Carpe	Oak Hill	$	8,690	new carpet and tile Guidance offices - summer project	
State Contract Carpe	Oak Hill	$	2,900	install tile ground floor offices - summer project	
State Contract Carpe	South	$	7,885	tile library foyer - summer project	
State Contract Carpe	Countryside	$	10,975	auditorium floor tile - summer project	
State Contract Carpe	Ed Center	$	3,025	tile room 318 - summer project	
State Contract Carpe	Peirce	$	13,589	tile 4 rooms - summer project	
State Contract Carpe	Underwood	$	15,570	tile library - summer project	
State Contract Carpe	Ward	$	20,800	tile new library - summer project	
State Contract Carpet Co.					$150,975.99
Summer Painters	various buildings	$	19,907	summer project	
TMC Services	Memorial-Sp	$	9,600	Underground tank pad replacement/veeder root monitor	
Trane	North	$	14,080	AHU inspection and maintenance annual contract	
Watchall Pest Service	All buildings	$	41,350	weekly, monthly inspections, monitoring and emergencies	
Total of Major vendor projects, inc. summer pain		**$**	**1,565,098**		

NEWTON PUBLIC SCHOOLS
FY11 CHARTER MAINTENANCE

10/18/2010

Fy2011 Annual Budget		**$2,264,100**
Public Buildings	$450,000	
Asbestos abatement	$50,000	
Asphalt repairs	$20,000	
Bathroom flooring	$100,000	
Bathroom partition replacement	$100,000	
Carpet to tile conversions	$150,000	
Entrance door replacement	$40,000	
HVAC	$800,000	
Locker replacement/repair	$50,000	
Pest management	$50,000	
Plaster repairs	$40,000	
Roofing repairs	$100,000	
Security systems (cameras/fob's/intrusion alarms)	$150,000	
Miscallaneous	$164,100	
GRAND TOTAL	**$2,264,100**	

Please Note: Summer Projects make up $650,000 of the Total Budget

Section 7

FY2011 – FY2020 Project Debt Service Schedule

City of Newton, Massachusetts
Projected Debt Service
Fiscal Years 2012 - 2020

	Existing Issued Governmental Fund Debt - Page 55 6/30/2009 CAFR							Total		Future	Total	Actual/		
Fiscal Year	Govt Fund Debt Service	CPA Fund Debt Service	Landfill Debt Svs Subsidy	Temp Interest	**General Fund Debt Service**	**Debt Svs Run off**	**Spring 2010 Bond Sale**	General Fund Debt Service	**Change from Prior Year**	**Debt Service $4.0 M/year {1}**	**General Fund Debt Service {3}**	**Projected Revenue {2}**	**% Revenue**	**$ Cg from Prior Year**
2005											**6,387,369**	**240,341,036**	**2.7%**	**131,457**
2006											**7,245,009**	**250,737,422**	**2.9%**	**857,640.00**
2007											**7,031,312**	**263,215,781**	**2.7%**	**(213,697.00)**
2008											**7,426,543**	**275,559,514**	**2.7%**	**395,231.00**
2009											**10,009,160**	**281,863,324**	**3.6%**	**2,582,617.00**
2010	15,623,073	(1,217,988)	(77,498)	5,000	**14,332,587**						**14,332,587**	**287,623,190**	**5.0%**	**4,323,427.03**
2011	14,832,946	(882,788)	(76,578)	5,000	**13,878,580**	**(454,007)**	**2,310,601**	16,189,181	**1,856,594.18**	**-**	**16,189,181**	**290,658,661**	**5.6%**	**1,856,594.18**
2012	14,025,147	(857,906)	(69,629)	5,000	**13,102,612**	**(775,967)**	**2,259,056**	15,361,669	**(827,512.52)**	**1,856,400.00**	**17,218,069**	**298,658,661**	**5.8%**	**1,028,887.48**
2013	13,395,758	(831,125)	(71,131)	5,000	**12,498,502**	**(604,110)**	**2,207,511**	14,706,013	**(655,655.52)**	**2,409,400.00**	**17,115,413**	**306,658,661**	**5.6%**	**(102,655.52)**
2014	13,144,307	(801,750)	(66,869)	5,000	**12,280,689**	**(217,814)**	**2,155,966**	14,436,655	**(269,358.58)**	**2,679,400.00**	**17,116,055**	**310,158,661**	**5.5%**	**641.42**
2015	11,810,906	(280,500)	(64,837)	5,000	**11,470,569**	**(810,119)**	**2,104,421**	13,574,990	**(861,664.54)**	**2,942,400.00**	**16,517,390**	**318,158,661**	**5.2%**	**(598,664.54)**
2016	11,635,144	(269,344)	(61,194)	5,000	**11,309,606**	**(160,963)**	**2,052,876**	13,362,482	**(212,507.82)**	**3,198,400.00**	**16,560,882**	**326,158,661**	**5.1%**	**43,492.18**
2017	11,435,546	(259,781)	(57,860)	5,000	**11,122,905**	**(186,701)**	**2,001,331**	13,124,236	**(238,246.07)**	**3,447,400.00**	**16,571,636**	**334,158,661**	**5.0%**	**10,753.93**
2018	11,019,321	-	(52,797)	5,000	**10,971,524**	**(151,381)**	**1,949,786**	12,921,310	**(202,926.19)**	**3,689,400.00**	**16,610,710**	**342,158,661**	**4.9%**	**39,073.81**
2019	10,842,326	-	(48,612)	5,000	**10,798,714**	**(172,810)**	**1,898,241**	12,696,955	**(224,355.38)**	**3,924,400.00**	**16,621,355**	**350,158,661**	**4.7%**	**10,644.62**
2020	10,489,656	-	-	5,000	**10,494,656**	**(304,058)**	**1,846,696**	12,341,352	**(355,602.98)**	**4,152,400.00**	**16,493,752**	**358,158,661**	**4.6%**	**(127,602.98)**

{1} Assumes constant interest rate of 4% on debt.

{2} Assumes $8 million per year in revenue growth beginning in 2012, except 2014 when all CSF resources are exhausted.
Fiscal year 2005 - 2009 revenues are actual revenues and interfund transfers. FY 2010 is the budgeted amount.

{3} Debt service for interest and maturities on bonded debt and short term borrowings only. FY 2007 excludes
expense $2.6 million Starck firefighter loan maturity expense.

0.04

City of Newton, Massachusetts

FY2011 thruough FY2016 Projected Debt Service Schedule

		2011	2012	2013	2014	2015	2016
Spring 2010							
Fire station renovations	$112,400	$5,620	$5,620	$5,620	$5,620	$5,620	$5,620
Fire station renovations	$4,426,000	$221,300	$221,300	$221,300	$221,300	$221,300	$221,300
Crafts street fuel station	$453,000	$45,300	$45,300	$45,300	$45,300	$45,300	$45,300
Angier boiler	$225,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500
Modulare classrooms	$1,400,000	$93,333	$93,333	$93,333	$93,333	$93,333	$93,333
Energy conservation	$3,670,000	$183,500	$183,500	$183,500	$183,500	$183,500	$183,500
Fire engine	$500,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000
Trash carts	$1,910,000	$191,000	$191,000	$191,000	$191,000	$191,000	$191,000
NNHS	$11,650,834	$388,361	$388,361	$388,361	$388,361	$388,361	$388,361
Ed Center generator	$202,125	$20,213	$20,213	$20,213	$20,213	$20,213	$20,213
Burr doors & windows	$650,000	$32,500	$32,500	$32,500	$32,500	$32,500	$32,500
Countryside elevator	$150,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000
Williams boiler	$200,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000
Maturities by year	$25,549,359	$1,288,627	$1,288,627	$1,288,627	$1,288,627	$1,288,627	$1,288,627
Interest by year		$1,021,974	$970,429	$918,884	$867,339	$815,794	$764,249
Total debt service		**$2,310,601**	**$2,259,056**	**$2,207,511**	**$2,155,966**	**$2,104,421**	**$2,052,876**
Net of NNHS	$13,898,525						
		$25,549,359	$24,260,732	$22,972,105	$21,683,478	$20,394,851	$19,106,224
Annual Projects @ $3.5 Million							
2012	$3,960,000		$198,000	$198,000	$198,000	$198,000	$198,000
2013	$3,500,000		$0	$175,000	$175,000	$175,000	$175,000
2014	$3,500,000		$0	$0	$175,000	$175,000	$175,000
2015	$3,500,000		$0	$0	$0	$175,000	$175,000
2016	$3,500,000		$0	$0	$0	$0	$175,000
2017	$3,500,000		$0	$0	$0	$0	$0
2018	$3,500,000		$0	$0	$0	$0	$0
2019	$3,500,000		$0	$0	$0	$0	$0
2020	$3,500,000		$0	$0	$0	$0	$0
	ANNUAL MATURITIES		**$198,000**	**$373,000**	**$548,000**	**$723,000**	**$898,000**
2012			$158,400	$151,400	$144,400	$137,400	$130,400
2013				$140,000	$133,000	$126,000	$119,000
2014					$140,000	$133,000	$126,000
2015						$140,000	$133,000
2016							$140,000
2017							
2018							
2019							
2020							
	ANNUAL INTEREST		**$158,400**	**$291,400**	**$417,400**	**$536,400**	**$648,400**
Debt from $3.5 Annual	**TOTAL DEBT SERVICE**		**$356,400**	**$664,400**	**$965,400**	**$1,259,400**	**$1,546,400**
Newton North Demolition							
0.02							
2012	**$15,000,000**		$750,000	$750,000	$750,000	$750,000	$750,000
	ANNUAL MATURITIES		**$750,000**	**$750,000**	**$750,000**	**$750,000**	**$750,000**
2012			$300,000	$285,000	$270,000	$255,000	$240,000
	ANNUAL INTEREST		**$300,000**	**$285,000**	**$270,000**	**$255,000**	**$240,000**
NNHS Demolition	**TOTAL DEBT SERVICE**		**$1,050,000**	**$1,035,000**	**$1,020,000**	**$1,005,000**	**$990,000**
School Dept Space Needs							
0.04							
2012	**$5,000,000**		$250,000	$250,000	$250,000	$250,000	$250,000
	ANNUAL MATURITIES		$250,000	$250,000	$250,000	$250,000	$250,000
2012			$200,000	$190,000	$180,000	$170,000	$160,000
	ANNUAL INTEREST		$200,000	$190,000	$180,000	$170,000	$160,000
School Space Needs	**TOTAL DEBT SERVICE**		**$450,000**	**$440,000**	**$430,000**	**$420,000**	**$410,000**

City of Newton, Massachusetts

FY2011 thruough FY2016 Projected Debt Service Schedule (Cont'd)

			2011	2012	2013	2014	2015	2016
Station 10								
	0.04							
	2012	**$3,000,000**			$150,000	$150,000	$150,000	$150,000
		ANNUAL MATURITIES		**$0**	**$150,000**	**$150,000**	**$150,000**	**$150,000**
	2012				$120,000	$114,000	$108,000	$102,000
		ANNUAL INTEREST		**$0**	**$120,000**	**$114,000**	**$108,000**	**$102,000**
Station 10		**TOTAL DEBT SERVICE**		**$0**	**$270,000**	**$264,000**	**$258,000**	**$252,000**
TOTAL PROJECTED NEW DEBT SERVICE				**$1,856,400**	**$2,409,400**	**$2,679,400**	**$2,942,400**	**$3,198,400**

Section 8

C.D.B.G. Funded Projects

FY11 Supplemental Capital Improvements Plan
Projects to be Funded by Funding Source

TOTAL FY2011 COMMUNITY DEVELOPMENT BLOCK GRANT FUNDS	$248,000

COMMUNITY DEVELOPMENT BLOCK GRANT	
Comprehensive Building Inventory and Assessment (Accessibility) (from FY10 CDBG Administration Budget Savings)	$20,000
Historic Newton/Jackson Homestead Accessibility Improvements	$40,000
Installation of ADA Compliant Curb Cuts	$78,000
Nonantum Target Neighborhood Park Improvements	$50,000
Adams and Washington Streets Intersection Improvements	$60,000

Funding Source: Community Development Block Grant

Public Buildings
Comprehensive Building Inventory and Assessment **$20,000**

Project Description: The City is in the process of preparing a Request for Qualifications to conduct a comprehensive building inventory and assessment. The accessibility needs of City buildings will be documented as part of this assessment and used to update the City's ADA Transition Plan and to prioritize future CDBG-funded accessibility projects.

Historic Newton
Archives Preservation and Accessibility Improvements **$40,000**

Project Description: An accessible ramp or walkway will be constructed at the Jackson Homestead's main entrance. CDBG funds are conditioned on Community Preservation funds being leveraged for the project.

Public Works
ADA Compliant Curb Cuts **$78,000**

Project Description: ADA compliant curb cuts will be installed throughout the city. Work will focus on village centers and school routes where pedestrian traffic is heaviest.

Parks and Recreation
Nonantum Park Improvements **$50,000**

Project Description: Funds will be used to continue to implement portions of the master plans for Pellegrini Park and Stearns Park, two heavily used neighborhood parks in the Nonantum CDBG Target Neighborhood. Work remaining at Pellegrini Park includes installation of a new playground and courtyard and improvements to the recreation fields. Stearns Park items remaining include reconstruction and re-grading of the walkways and renovation of the ball field.

Public Works

Adams-Watertown Intersection Improvements **$60,000**

Project Description: Improvements will be made to increase vehicular and pedestrian safety at this busy intersection in the Nonantum CDBG Target Neighborhood. The intersection will be redesigned with new concrete sidewalk, new code-compliant curb cuts, realigned crosswalks and relocation of traffic signal posts where needed.