

Capital Planning

INTRODUCTION

Boston's five-year \$1.8 billion capital plan, "Together, We CAN," is an investment program for the City's future. The underlying framework for the plan emphasizes (1) the strategic use of infrastructure to promote economic development, neighborhood vitality, quality education, health care, and public safety; (2) comprehensive planning to lay the foundation for future growth; and (3) effective government management to deliver necessary municipal services efficiently.

The program name "Together, We CAN" reinforces the ideas that "Cities Are Neighborhoods" and that the capital plan is a strategic tool shaped by many hands and designed to enhance the livability of a city that draws strength from its neighborhoods.

The Office of Budget Management (OBM) is responsible for managing the City's capital plan and budget. OBM coordinates the evaluation of capital requests, forecasts the timing and financial requirements of new construction and rehabilitation, and recommends the allocation of current and future resources by monitoring capital expenditures.

FY14-FY18 Capital Plan Overview

The capital plan is a long-range and flexible planning tool that allows the City to identify long-term goals and projects within a flexible financial framework that can be adjusted as fiscal and other conditions change. The FY14-18 capital plan is one of transformation: there are large projects in all corners of the City that promise to transform neighborhoods, education, streets, recreation, and the way the City itself does business. The City proposes borrowing \$177 million in FY14 to grow and maintain Boston's infrastructure through these projects.

FY14 EXPENDITURE ALLOCATION

All projects in the capital plan are categorized as Upkeep, New/Major Renovation, Upgrade, Planning or

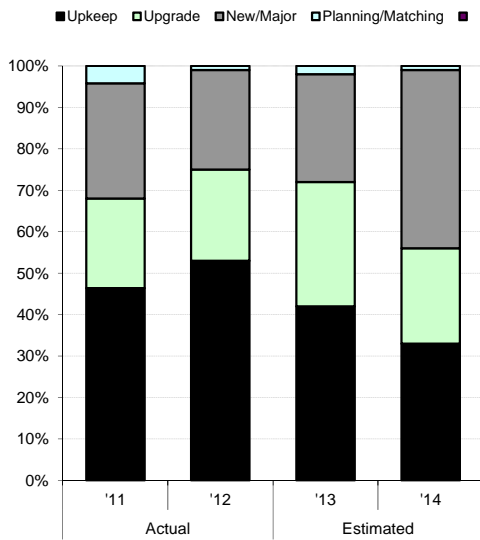
Matching Funds. OBM tracks the overall distribution of these categories to maintain a balance between the upkeep of existing assets and the expansion or introduction of new ones.

Upkeep: Upkeep represents projects that maintain the City's assets, a fundamental priority of the Capital Plan. In FY14, 33% of projected spending supports Upkeep projects. These include roof and masonry repairs, the replacement of play equipment in parks, HVAC and boiler replacement, and critical repair funds for departments to address relatively small but vital repair projects not covered by routine maintenance. A substantial portion of the Upkeep category supports on-going bridge, street, sidewalk, and street lighting repairs that ensure the City's roads and sidewalks are safe and in good condition.

Upgrade: Upgrade represents projects that improve existing assets by adding new capacity or innovations. This year's upgrade allocations account for 23% of projected spending, and includes replacing 8,000 street lights with new energy efficient LED street lights.

New/Major Renovation: 43% of the FY14 allocations represent major renovations and new buildings. New facilities and rehabilitation projects for schools, libraries, parks and community centers enable the City's facilities to adapt to fit the needs of today's programs, improve the 'green' performance of facilities, and extend the useful life of historic assets. This category also includes implementation of new technology systems.

Planning or Matching Funds: About 1% of the FY14 budget is assigned to matching fund requirements with the state and to planning projects. Comprehensive planning projects, which analyze a group of buildings or program needs, provide the groundwork for targeted investments in the categories of Upgrade and New/Major Renovations. Matching funds for MassDOT and the Massachusetts Bay Transportation Authority (MBTA) projects unlock state and federal funds for local investment.



Capital Expenditure Allocation
FY11-FY14

Figure 1

The distribution of allocations this year— 33% for Upkeep, 23% for Upgrades, 43% for New/Major Renovations, 1% for planning and matching roadwork—continues a trend toward projects in the Upgrade and New/Major Renovation categories (See Figure 1). This trend will continue over the next couple of years as the Dudley Municipal Center moves toward its peak construction period and significant upgrades to school facilities including the Eliot, Fenway High, Dearborn and Quincy Upper Pilot School begin construction.

CAPITAL PLANNING PROCESS

Capital needs and resource availability are assessed annually through a capital planning process that results in a five-year capital plan. The first year of the spending plan constitutes the City’s capital budget. Expenditures against this budget are closely monitored throughout the year. To emphasize the balance between needs and resource availability, the budget document (in Volumes II and III) includes both capital authorizations and expenditure projections for each project.

The annual capital planning process begins with a capital improvement project request schedule where all departments have an opportunity to identify their facility, equipment, infrastructure, and planning needs in a systematic manner and to submit their proposals to OBM for funding consideration. The development

of department project requests may involve both internal assessments of current needs and a review of external constituent requests.

All capital improvement projects requesting funding consideration must meet at least one of the following minimum criteria:

- Complies with Americans with Disabilities Act;
- Improves health and safety;
- Supports economic development;
- Enhances general government effectiveness;
- Mitigates an environmental hazard;
- Responds to a legal, legislative or administrative mandate; or
- Preserves existing municipal facilities.

A project request includes a cost estimate, a description of the proposed scope of work and a useful life statement.

Proposed projects must account for short-term and long-term effects on the City’s operating budget. Accordingly, project requests that OBM determines may impact the City’s operating budget are subject to additional review to determine the anticipated effect on personnel, utilities, maintenance, and supply costs as well as expected changes in service demand or delivery of departmental programs. As a practical matter, it is assumed that certain types of projects such as energy conservation and energy efficiency projects (e.g. heating system upgrades or roof and window replacements) provide operating budget savings. OBM works with departments to measure these savings.

OBM reviews project proposals to determine the extent to which private purposes or benefits may exist; this review allows the City of Boston to maintain its tax-exempt financing status.

New capital requests that are recommended for funding are placed into a multi-year spending plan along with previously authorized projects. The Mayor submits the capital plan to the City Council each year. The City Council in turn, holds public hearings to consider project authorizations. This year’s capital plan identifies 353 new and continuing projects and proposes \$195.9 million in new project authorizations.

Descriptions of all 353 projects can be found in Volumes II and III of the Budget. Project descriptions include authorizations and funding sources, projected expenditures, scope of work summary, and an indication of whether or not the project generates a near-term operating budget impact. In addition, a project list follows the Capital Project Financing table at the end of this chapter.

The parks and facilities within the five-year capital plan are searchable by neighborhood, department or status and displayed in an interactive map (www.cityofboston.gov/maps). Projects that involve Citywide planning efforts or technology improvements are not displayed.

FINANCING THE FY14-FY18 CAPITAL PLAN

The capital plan is financed with general obligation bonds, state and federal funds, trust funds, and other funds.

General Obligation (G.O.) Bonds

General obligation bonds represent 72.0% of all project funding. This year's plan assumes \$677 million in new general obligation borrowings over the next five years to support ongoing capital needs.

State and Federal Funds

Funds for capital financing are currently estimated at \$192.7 million from state programs and \$207.1 million from federal programs. Specific financing programs, such as the School Building Assistance program, Chapter 90 and the Transportation Improvement Program, provide key resources for Boston's capital plan.

School Building Assistance Program

The School Building Assistance (SBA) program, administered by the Massachusetts School Building Authority (MSBA), is an important revenue source for school renovation and construction. Annually, the MSBA accepts new project requests from cities, towns, and school districts, and if a project is ultimately approved, the MSBA will pay 40% to 80% of the project's cost. Currently, the MSBA has authorized project feasibility studies for three schools: the Quincy Upper School in Chinatown, the Boston Arts Academy currently in the Fenway, and the Dearborn School in Roxbury. The studies will determine whether these projects qualify for MSBA funding.

For the period FY14-18, total payments from the MSBA are estimated at \$37.4 million to offset debt service costs for projects previously approved by the MSBA.

Highlights of the FY14 – 18

Capital Plan

Transforming neighborhoods

- Dudley Square: New municipal building, public art piece, library enhancements, street improvements, parking lot improvements
- East Boston: New library, Central Square reconstruction, American Legion Park renovation, Greenway
- Uphams Corner: Roadway redesign, Strand Theatre, Wayfinding, Mary Hannon Park

Transforming learning

- New Downtown School
- Eliot School expansion
- Capital program to enhance school choice
- Renovation of the Dearborn School
- Transformation of the Johnson Building at the Central Library

Transforming streets

- Piloting "smart" technology to move traffic.
- Implementing Complete Streets
- Expanding the bicycle network

Transforming recreation

- Renovation of the playing fields at West Roxbury Education Complex
- New accessible playground at the Charlestown Navy Yard
- Master plan for Harambee Park
- Renovate schoolyards at Umana, Mission K-8, and Higginson-Lewis

Transforming how the City does business

- "Youth budget" created by and for City's youth, using participatory budgeting
- Computer-aided dispatch to help first responders

Chapter 90 Funds

Administered by the Massachusetts Highway Department, Chapter 90 funds are allocated by formula through state bond authorizations and through the state budget to all cities and towns in the Commonwealth. The City uses Chapter 90 allocations to fund road resurfacing and reconstruction projects as well as sidewalk reconstruction projects. The City expects an allocation of approximately \$14 million in FY14.

Transportation Improvement Program (TIP)

The Transportation Improvement Program is a statewide road and bridge construction advertisement program developed under the management of the Massachusetts Department of Transportation (MassDOT). It includes both local and state owned roads and bridges. The TIP's funding sources include state-issued general obligation bonds and federal funds made available through the Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users (SAFETEA-LU).

Trust Funds

The City's Treasury Department manages trust funds and bequests from private citizens dedicated to Boston's public spaces. Grants from the Edward Ingersoll Browne Trust Fund are used for the enhancement of neighborhood parks, schoolyards, and public spaces. The George Robert White Fund supports facilities owned by the Fund.

Other Funds

The City uses funds from the Street Opening Account to finance road resurfacing projects. Private donors, including the Schoolyard Funders Collaborative, provide funding support for certain capital projects such as schoolyard improvements. These sources of capital funds are estimated at \$102.8 million.

FISCAL YEAR 2013 EXPENDITURES

Total capital expenditures in FY13 are forecast at \$193 million.

Investing in Education

The School Department's Access to Excellence initiative was its signature capital program of FY13. Through a series of school moves, mergers, and openings, the program sought to increase the number

of seats in Boston's most sought-after schools (high schools in particular). The capital plan supported that program with \$18 million in renovations, upgrades, and additions.

Interior renovations are now complete at four of the seven schools targeted through Access to Excellence: Another Course to College, the Dudley Street Neighborhood School, the Edward M. Kennedy School, and the Margarita Muniz Academy.

Work continues at the other three schools, including the creation of additional science labs at the shared campus for the Boston Community Leadership Academy and the New Mission High School in Hyde Park; an upgraded and expanded computer network for the Boston Arts Academy; and a complete renovation of Fenway High School, including the addition of a cafeteria that can double as a performing arts space.

The City continued making investments in its school buildings including masonry repairs at Boston Latin School, a new exterior for the Mattahunt School, and a new roof at East Boston High School.

The ongoing partnership with the Boston Schoolyard Initiative led to new schoolyards at the Harvard/Kent and the Grew, and a new outdoor classroom at the Henderson.

Strengthening Public Safety

The Fire Department put new fire engines and ladder trucks into operation. Work is finishing up on a new roof for the police station for District A-7, and on a new roof, new public restrooms, and other interior repairs at District C-11.

Improving City Streets

By the end of FY13, the Public Works Department is projected to have resurfaced 38 miles of roadway, and to have reconstructed 3 miles. Over 28,000 of the City's street lights are projected to have been replaced with much more efficient LED street lights. Almost 500,000 square feet of sidewalk will have been repaired or reconstructed, and 1,400 pedestrian ramps will have been brought into compliance with accessibility standards.

The City added its 60th mile of dedicated bike lanes at the end of calendar year 2012, and continues to add more.

Enhancing Recreational Opportunities

The summer of 2013 will see the opening of a newly renovated Flaherty Pool in Roslindale, the first to “bring the outside in” by providing access directly from the pool deck to an outdoor patio.

The installation of a new synthetic turf field at Roberts Playground in Dorchester will conclude this summer. Field upgrades are also wrapping up at the M Street Field in South Boston and Playstead Field in Franklin Park. Playing courts have been renovated at Ringer Park in Brighton, Savin Hill Park in Dorchester, Moakley Park in South Boston, and Harambee Park in Mattapan.

Extensive repairs to Highland Park and the Fort Hill Tower in Roxbury will conclude this summer.

Many parks received upgrades or refurbishment to their landscaping, play areas, passive spaces, and/or drainage. In the last quarter of the fiscal year, new renovations will be unveiled at Brighton Square Park, Sumner-Lamson Playground, and Doherty Playground; new play equipment will be unveiled at Draper Playground, Mothers’ Rest in the Fenway, and Joyce Playground.

Using Technology to Modernize Service Delivery

A major upgrade of the City’s financial software went live in early July 2012. The goals of the upgrade were to improve operational efficiency and effectiveness, re-engineer and standardize business processes, and eliminate paperwork with an improved electronic workflow.

The School Department implemented a new Student Information System (SIS) in FY13 to integrate various administrative systems for school assignment, attendance, health records, transportation, and student performance into one enterprise-wide application. The new SIS enables parents to view their child’s school progress including homework assignments, MCAS score, grades and attendance.

FISCAL YEAR 2014 EXPENDITURES

Total capital expenditures in FY14 are forecast at \$216 million. This estimate includes \$196 million for general obligation (G.O.) bond spending and \$20 million from various grants and other funding sources.

Transforming Neighborhoods

In addition to the construction of a new, \$119 million headquarters for the School Department on the site of the old Ferdinand Building; several other projects are transforming Dudley Square. These include a new piece of art being commissioned outside the building; a new entryway to enhance the Dudley branch library; the demolition of the old B-2 Police station to pave the way for other development opportunities; and the redesign of area streets to improve traffic flow and ease of use for pedestrians, cyclists, and buses.

In East Boston, the new library begun last year will open this fall. Up the road, construction will begin on the American Legion Playground, including a new synthetic turf field; design will also begin on replacing the first turf field installed in a City park through the capital plan, at East Boston Stadium. Construction will begin this year on Central Square, a project that will rationalize traffic flow, make pedestrian crossings easier, address parking issues, and result in an increase in green space and tree cover. And planning will continue on the City portion of the East Boston Greenway, which will ultimately link the Harborwalk near Maverick Square to Constitution Beach, nearly three miles away.

In Uphams Corner, the final phase in \$7.7 million worth of renovations to the Strand Theatre will conclude in FY14. The intersection of Dudley Street, Columbia Road and Stoughton Road will enter its final phase of design to ease traffic snarls, and begin construction in 2014. Just a little ways up Dudley Street, Mary Hannon Playground will see a complete renovation this year.

Transforming Learning

In March, the School Committee, with the help of extensive community input and a Mayoral-appointed Advisory Committee passed a historic revamp of the school assignment process. The capital plan supports the new student assignment system with funds to improve underperforming schools, and to expand the number of seats available in underserved neighborhoods.

Two projects are underway to open up more seats in neighborhood schools to families living Downtown. The Eliot School in the North End will be renovated, and will expand into the nearby North Bennett Street School, which was acquired last year. The renovation will also make use of a new building currently being purchased at 585 Commercial Street; after its use as a

swing space, the Commercial Street property will open up as a new K-8 school.

FY14 also sees the creation of a “Quality Improvement Fund” to support schools designated as high support or turnaround schools. This fund, which includes \$15 million to be spent over three years, will be used to address facility and curriculum needs at schools targeted by the School Department for interventions.

In addition, the School Department will be working on facility repairs and upgrades throughout the City. Some of the major projects include the continuation of a project at Charlestown High School to replace the HVAC system, upgrade bathrooms, and provide other interior repairs; access improvements at the Beethoven School; and masonry, roof, plumbing, and other interior and exterior repairs, along with window replacements, at well over 20 schools.

But the transformation of learning extends beyond the BPS portfolio. The Library Department will begin construction this year on a transformation of the Johnson Building at the Central Library. This project is focused on opening up the main floor to Boylston Street; improving on and expanding the Children’s Room and Young Adult area; and upgrading the Rabb lecture hall downstairs, all to better meet the needs of 21st Century patrons.

Transforming Streets

With the adoption of the Complete Streets guidelines as City policy, roadway projects in Boston will strive to be multimodal, green, and smart. This can be seen in major projects such as that in Central Square, mentioned above, and also in plans to use cutting-edge technology, such as parking sensors and variable messaging boards, to improve traffic flow in the City.

The roadway resurfacing program will repair 20 miles of roadway, while the reconstruction program will address an additional 3 miles. The capital plan also includes 20 miles of new bike lanes, 1,450 pedestrian ramps brought into compliance with accessibility requirements, and 400,000 square feet of sidewalks repaired.

Transforming Recreation

The Parks department will begin work this year on an overhaul of the playing fields at the West Roxbury Education Complex. The project, which is adjacent to Millennium Park, involves the final phase of work on capping the old Gardner Street Landfill, and will address chronic drainage issues at the site.

Work will also begin this year on a new park for handicapped children in the Charlestown Navy Yard. The park will be right next to the new building of the Spaulding Rehab Hospital, providing a wonderful new resource for children undergoing treatment there.

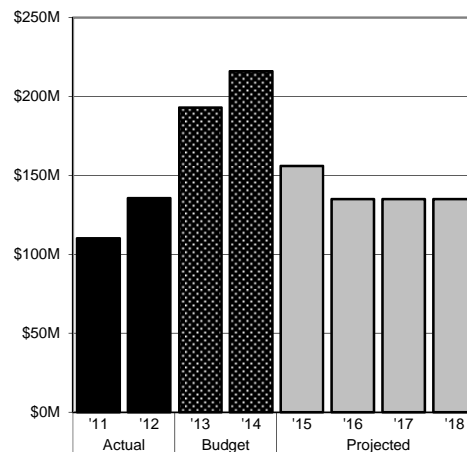
Harambee Park will begin a master planning process, to make better use of the 45 acre site and the multitude of public and private programs located there.

The final round of schoolyard improvements done in partnership with the Boston Schoolyard Initiative will go into construction this year. These projects are at the Umana School in East Boston, the Mission K-8 in Jamaica Plain, and the Higginson-Lewis School in Roxbury.

And with work concluding this summer on “bringing the outside in” at the Flaherty Pool, a similar project will begin at the Draper Pool in West Roxbury, opening that pool deck up to an adjacent patio.

Transforming How the City Does Business

FY14 sees the introduction of participatory budgeting to the City of Boston. Young people throughout the City will be led through a year-long process of learning about city government and budgeting; identifying



Capital Expenditures
FY11- FY18

Figure 2

projects in their communities; and vetting those projects and weighing them against one another, to make a recommendation for a capital “youth budget” for FY15.

Among the several technology projects included in the capital plan to help the City deliver government

services more efficiently and effectively, the Computer Aided Dispatch (CAD) system is likely to see the biggest changes. This project will integrate data across various public safety units, allowing first responders to respond more quickly, and to have better information when they arrive. Several years in the making, CAD is set to go live in the first half of FY14.

FY15-FY18 Planned Expenditures

Planned G.O. expenditures are \$140 million in FY15, and \$120 million annually from FY16 to FY18. Future grant expenditures are estimated at \$20 million in FY14 and \$15 million annually from FY15 through FY18. Figure 2 displays total capital spending from all sources since FY11 and projected expenditures through FY18.

The City continues to pursue grant funds, to maximize the use of Chapter 90 monies for road and sidewalk projects, and to manage its projects to ensure that spending does not exceed projections and that priority projects move forward. Together, these strategies will enable the City to maintain a reasonable level of capital spending and outstanding debt.

OPERATING BUDGET IMPACTS

Determining the impact that proposed capital investments will have on the City's operating budget (personnel, contracted services, equipment and utilities) is essential to the capital budgeting process. Many capital projects, such as those that replace mechanical equipment with modern, more efficient versions, save the City money in future operating costs; others, such as those that allow the City to expand programming or establish a stronger presence in different neighborhoods, may entail future operating costs. Understanding the balance between future savings and future costs resulting from these capital projects is vital to maintaining the City's long-term financial health.

Figure 3 shows a list of those capital projects in the FY14-18 plan that are expected to have impacts on the City's operating budget sometime in the next three fiscal years, and what that impact is expected to be. In Volumes II and III of this document, each capital project summary includes a statement as to whether

or not there is an operating impact associated with the project.

While most capital projects can be assumed to have a marginal impact on energy savings or personnel demands, only those projects which will likely result in an increase or decrease in a budget appropriation are included here.

Savings

The capital plan supports investments that will decrease operating expenses by reducing costs associated with emergency repairs, maintenance of old systems, and energy inefficiency. A substantial portion of the capital plan is focused on these types of basic facility improvements.

Through an Executive Order relative to climate action, the City has committed to designing new buildings and selected major renovations to the standards required to attain U.S. Green Building Council LEED (Leadership in Energy and Environmental Design) certification. The City will apply for LEED Silver designations for a new library in East Boston that will open this fall and for the new Dudley Municipal Center building, which is now in construction and is slated for completion in late 2014.

By far the largest operational savings comes from the conversion of street lights to newer fixtures using Light Emitting Diode (LED) technology. Starting in FY11, and initially taking advantage of funds from the American Recovery and Reinvestment Act (ARRA) as well as rebates from NSTAR, this program will continue in FY14 with an estimated savings of \$532,000, in addition to the \$2.4 million projected savings in FY12 and FY13.

The School Department is pursuing capital projects to save energy and reduce operating costs. These projects include ongoing efforts to update energy management systems, replace windows, upgrade HVAC systems and install green roofs.

At Long Island, heating oil is either barged to the island or is transported across the Long Island Bridge at great expense. BPHC is exploring the possibility of providing heat through a geothermal heating and cooling system, which uses the stability of temperature just below the earth's surface to regulate temperature inside buildings.

| Department | Project | FY14 | FY15 | FY16 |
|---------------------------------------|---|-----------|-----------|-----------|
| Centers for Youth & Families | BCYF Draper Pool | (2,748) | (2,748) | (2,748) |
| Centers for Youth & Families | BCYF Flaherty Pool Renovation | (2,777) | (2,777) | (2,777) |
| Department of Innovation & Technology | Imaging and Document Management | 0 | 10,000 | 10,000 |
| Department of Innovation & Technology | Permit and Inspection System | 0 | 90,000 | 90,000 |
| Department of Innovation & Technology | Enterprise Geographic Information System | 0 | 150,000 | 151,500 |
| Department of Innovation & Technology | Core Technology Infrastructure | 0 | 315,000 | 315,000 |
| Department of Innovation & Technology | Youth and Human Services Initiatives | 0 | 65,000 | 66,300 |
| Department of Innovation & Technology | Public Safety Systems Implementation | 0 | 300,000 | 302,000 |
| Department of Innovation & Technology | Computer Aided Dispatch | 0 | 975,000 | 982,500 |
| Department of Innovation & Technology | Enterprise Business Applications | 0 | 268,684 | 272,984 |
| Department of Innovation & Technology | Mobility Solutions | 0 | 137,000 | 139,740 |
| Department of Innovation & Technology | Administration and Finance: Tax Billing and Collecting System | 0 | 300,000 | 306,000 |
| Department of Innovation & Technology | Data Center: AC/Cooling Tower Replacement | 0 | 30,000 | 30,000 |
| Environment Department | Energy Conservation Program | (24,279) | (24,279) | (24,279) |
| Fire Department | HVAC / Boiler Replacement at Various Stations | (29,446) | (29,446) | (29,446) |
| Library Department | HVAC Replacement at 3 Branch Libraries | (9,000) | (9,000) | (9,000) |
| Library Department | Johnson Building Energy Improvements | (53,309) | (53,309) | (53,309) |
| Library Department | Critical Facility Repairs | (19,916) | (19,916) | (19,916) |
| Library Department | East Boston Library | (10,000) | (10,000) | (10,000) |
| Neighborhood Development | Strand Theatre | (25,813) | (25,813) | (25,813) |
| Parks and Recreation Department | English High Field | (3,000) | (3,000) | (3,000) |
| Property & Constr. Mgmt. | City Hall Energy Efficiency | (141,527) | (141,527) | (141,527) |
| Property & Constr. Mgmt. | Dudley Square Municipal Building | 0 | 983,244 | 1,966,486 |
| Public Works Department | Central Maintenance Facility Complex Vehicle Wash | 0 | 2,000 | 2,000 |
| Public Works Department | Street Light LED Conversion | (532,000) | (300,000) | (250,000) |
| School Department | Charlestown High School | (146,694) | (146,694) | (146,694) |
| School Department | Student Information System | 245,000 | 245,000 | 245,000 |
| Transportation Department | Strategic Bicycle Network Project | 150,000 | 150,000 | 150,000 |
| | | | | |

Figure 3

Property and Construction Management will begin the process of converting the City Hall heating system from steam to natural gas. The existing steam to water heat exchanger will be replaced with four high-efficiency gas-fired condensing boilers.

The Environment Department works with other City departments on a range of energy saving projects including new controls for ball field lighting, an upgraded energy management system for the central library at Copley Square and four branch libraries, and an upgrade to the energy management system. Additional HVAC improvement at City Hall include a chiller automation system, variable speed drives for water pumps, and improvements to dampers and distribution systems. The energy upgrades to City Hall in FY14 alone are expected to result in nearly \$150,000 in annual savings.

Costs

Increases in operating expenses expected as a result of capital projects are primarily driven by two areas: an expansion of the City's IT infrastructure, and the new municipal building being constructed in Dudley Square.

Although many of the projects identified in the Department of Innovation and Technology (DoIT)'s capital budget are replacing legacy systems, in many cases they involve an expansion of that infrastructure,

as well. This entails annual licensing fees to support the ongoing maintenance and upgrades of the new software solutions, and often the addition of personnel to support the customizations and integrations that allow the new software to meet the City's needs. Although it is expected that most of this new software will result in operational efficiencies, those efficiencies have been difficult to quantify in a way that can be accurately reflected in the City's budget projections.

The operating costs associated with the new Dudley Square municipal building are in line with the addition of a 200,000 square foot building to the City's real estate portfolio, and reflect basic maintenance and operating costs associated with keeping the building open and operational.

DEBT MANAGEMENT POLICIES AND DEBT IMPLICATIONS OF THE PLAN

Effective debt management ensures that the City can meet its capital infrastructure and facility needs. Debt management requires a series of decisions about the amount, timing, purposes and structure of debt issuance. Long-term debt related to capital investment has two main purposes:

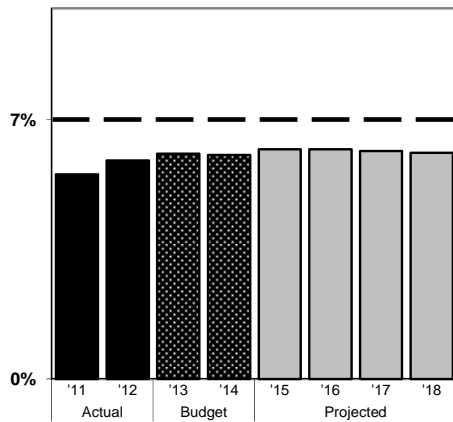
- (1) It finances acquisition, construction, repair, and renovation of City-owned buildings and equipment that are necessary to provide public services; and
- (2) It finances infrastructure improvements to ensure the City's continued growth and safe roadway conditions.

The Treasury Department manages all borrowings according to the City's debt management policies. These policies address issues such as debt affordability and limitations on the level of variable rate debt the City will use. The City's goals are to rapidly repay debt, maintain a conservative level of outstanding debt, and ensure the City's continued positive financial standing with the bond market.

Key components of the debt management policies ensure that:

- combined net direct debt does not exceed 3% of taxable assessed value;
- at least 40% of the overall debt is repaid within five years and 70% within ten years;
- annual gross debt service costs do not exceed 7% of general fund expenditures;
- variable rate debt does not exceed 20% of the City's total currently outstanding bonded debt (the City has no variable debt).

For further discussion of the City's financial policies and management controls, refer to the chapter on Financial Management.



Gross Debt Service as a Percent of Total General Fund Expenditures
FY11 - FY18

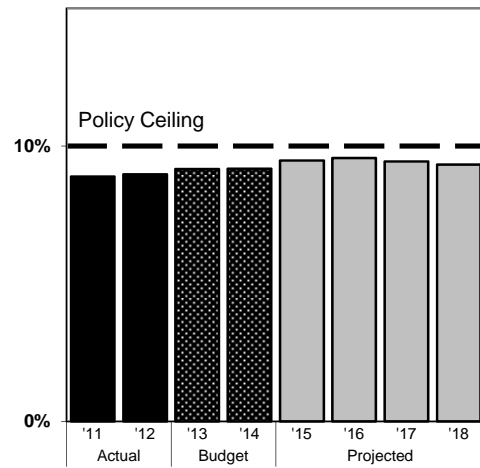
Figure 4

The City's debt service forecast assumes general obligation borrowing of \$177 million in FY14, \$140

million in FY15 and \$120 million each year from FY16 through FY18. On March 14, 2013, the City sold \$144.9 million in general obligation bonds and \$24.4 million in general obligation refunding bonds. The debt tables at the end of this chapter detail the City's outstanding debt service obligations and demonstrate the City's rapid retirement of its debt.

The City's gross debt service requirement will remain under 7% of total General Fund expenditures through FY18 (See Figure 4).

The ratio of debt service to the City's primary revenue source, the property tax levy, is projected to increase through FY16 (See Figure 5). Even with the increase, the ratio is not expected to exceed the City's policy ceiling.



Gross Debt Service as a Percent of the Net Property Tax Levy
FY11 - FY18

Figure 5

The City's current overall debt burden (net direct debt to assessed property value of \$92.20 billion) is approximately 1.18% as of April 30, 2013. The City's net direct debt per capita currently stands at approximately \$1,734.78 as of April 30, 2013.

Boston has been conservative about assuming long-term debt and aggressive about retiring debt expeditiously. As of April 30, 2013, the City's debt retirement schedule shows that 41.5% of its principal will be retired five years out, before the end of FY18 (See the Debt Retirement table at the end of this chapter).

In February 2013, Moody's Investors Service and Standard & Poor's Rating Services reaffirmed Boston's credit rating at Aaa and AA+, respectively. A bond

rating is a statement of credit quality and is analyzed when determining the interest rate that should be paid for a municipality's bonds. A higher bond rating translates into lower interest rates and real dollar savings for the City.

Capital Project Financing

Fiscal Years 2014 - 2018

| | Existing Authorization | FY14 Authorization | FY15-18 Authorization | State | Federal | Other | Trust | Total |
|---|---------------------------|-----------------------|--------------------------|--------------------|--------------------|--------------------|----------|----------------------|
| Boston Center for Youth and Families | 17,750,103 | 3,250,000 | 25,219,546 | 481,021 | 0 | 0 | 0 | \$46,700,670 |
| Boston Redevelopment Authority | 7,288,000 | 2,140,000 | 9,780,000 | 2,251,000 | 0 | 100,000 | 0 | \$21,539,000 |
| Department of Innovation and Technology | 67,837,925 | 8,520,967 | 16,959,704 | 0 | 300,000 | 0 | 0 | \$93,618,596 |
| Environment Department | 4,740,000 | 0 | 500,000 | 50,000 | 0 | 376,022 | 0 | \$5,666,022 |
| Fire Department | 35,126,394 | 5,950,000 | 33,529,255 | 1,945,000 | 0 | 0 | 0 | \$76,550,649 |
| Library Department | 34,264,862 | 17,575,000 | 35,115,000 | 7,255,988 | 0 | 554,480 | 0 | \$94,765,330 |
| Neighborhood Development | 7,500,000 | 0 | 0 | 234,000 | 0 | 0 | 0 | \$7,734,000 |
| Parks and Recreation Department | 58,670,623 | 27,011,000 | 19,746,660 | 21,500,000 | 61,400,000 | 4,470,926 | 0 | \$192,799,209 |
| Police Department | 9,498,470 | 150,000 | 5,194,500 | 0 | 0 | 0 | 0 | \$14,842,970 |
| Property and Construction Management Department | 144,594,957 | 7,560,000 | 74,475,000 | 0 | 0 | 2,909,891 | 0 | \$229,539,848 |
| Public Health Commission | 4,640,000 | 3,320,000 | 5,385,000 | 0 | 1,376,107 | 0 | 0 | \$14,721,107 |
| Public Works Department | 181,213,593 | 40,550,000 | 66,022,690 | 141,177,082 | 132,125,000 | 60,854,344 | 0 | \$621,942,709 |
| School Department | 113,186,955 | 74,852,392 | 65,379,705 | 520,000 | 1,450,000 | 33,490,000 | 0 | \$288,879,052 |
| Transportation Department | 35,946,693 | 5,013,000 | 16,579,689 | 17,320,000 | 10,480,000 | 50,000 | 0 | \$85,389,382 |
| Total | 722,238,575 | 195,892,359 | 373,886,749 | 192,734,091 | 207,131,107 | 102,805,663 | 0 | 1,794,688,544 |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|--|---|---------------------------|-----------------|----------------------|------------------|
| Boston Center for Youth and Families | | | | | |
| BCYF Clougherty Pool | Rehabilitation of pool's bathroom, its two pool shells, exterior pool deck, and mechanical systems. | Charlestown | To Be Scheduled | 2,700,000 | No |
| BCYF Cutfey Community Center Interior HVAC | HVAC system upgrades including ventilation, air flow balancing and the energy recovery unit. | South Boston | In Construction | 1,238,939 | Yes |
| BCYF Draper Pool | A complete building renovation including new windows and skylights; new roof, masonry repairs and pool repairs; mechanical and ventilation system upgrades; interior painting; locker room, entrance and office updates; driveway and parking improvements. | West Roxbury | In Design | 3,750,000 | Yes |
| BCYF Flaherty Pool Renovation | A complete building renovation including exterior masonry repairs, roof and gutter replacement, pool and locker room upgrades, mechanical systems replacement, new dehumidification system, interior painting, parking lot improvements. | Roslindale | In Construction | 5,640,000 | Yes |
| BCYF Hyde Park Community Center | Waterproof building exterior including repainting masonry, weatherproofing doors and caulking. | Hyde Park | To Be Scheduled | 515,000 | No |
| BCYF Patis Street Community Center | Interior facility repairs and renovations include upgrades of all mechanical systems and boilers; window and exterior door replacements; athletic facility improvements and teledata upgrades; and new furniture and equipment. | East Boston | To Be Scheduled | 13,910,000 | No |
| BCYF Tobin Community Center Site Study | Enhance use of space by adding outdoor elements to back yard and entry way to provide for outdoor community space. | Roxbury | New Project | 50,000 | No |
| BCYF Vine Street Community Center | Interior renovations including new mechanical systems, new roof, masonry repairs, window replacements, athletic facility upgrades, teledata upgrades, new furniture, furnishings and equipment. | Roxbury | To Be Scheduled | 5,340,000 | No |
| Critical Facility Repairs | A critical repair fund for emergency repairs to community center facilities including roofs, windows, masonry, electrical and HVAC systems. | Citywide | Annual Program | 1,286,158 | No |
| Fire Alarm Improvements | Replace fire alarm and pull stations at the BCYF Patis Street and BCYF Tobin community centers. | Various neighborhoods | To Be Scheduled | 295,200 | No |
| Pool Repairs | Renovate and upgrade locker rooms and pools including new filtration systems, pool liners, dehumidification and HVAC systems at various BCYF/BPS pool facilities. BCYF will partner with BPS to work on the Mattahunt pool. | Citywide | Annual Program | 6,059,671 | No |
| Roof and Gym Floor Replacements | Replace gym floors and roofs. Make building envelope repairs at various BCYF facilities including the BCYF Archdale Community Center. Additional locations will include the BCYF Gallivan Community Center and the BCYF Johnson Community Center. | Various neighborhoods | In Design | 4,915,702 | No |
| Youth Budget | Engage youth across the City to create a capital "Youth Budget" for FY15, using participatory budgeting methods. | Citywide | New Project | 1,000,000 | No |
| Boston Redevelopment Authority | | | | | |
| BMP: Black Falcon Avenue and Terminal Street | Resurface Black Falcon Avenue and Terminal Street. Replace sidewalk and improve street lighting. | South Boston | New Project | 1,400,000 | No |
| BMP: Bulkhead Restoration along Fid Kennedy Ave. | Replace bulkhead along Fid Kennedy Ave. at the Marine Industrial Park. | South Boston | To Be Scheduled | 1,500,000 | No |
| BMP: Drainage System Improvements | Perform drainage system improvements. | South Boston | To Be Scheduled | 610,000 | No |
| BMP: Fid Kennedy Ave. and Access Roads A & B | Prepare design plans and reconstruct Access Roads A & B and resurface Fid Kennedy Ave. west of Tide Street including sidewalks at the Marine Industrial Park. | South Boston | In Design | 2,775,000 | No |
| BMP: South and East Jetty Repairs | Patch and fill sink holes adjacent to the deteriorated bulkhead, and restore safety and security barriers around the south and east jetty. | South Boston | New Project | 450,000 | No |
| BMP: Wharf 8 Bulkhead Rehabilitation | Replace the existing bulkhead. | South Boston | To Be Scheduled | 2,000,000 | No |
| Boylston Street Demonstration Block | Construction of the public zones of the north side of Boylston Street in the Dartmouth to Exeter Street block. | Back Bay/Beacon Hill | New Project | 140,000 | No |
| Boylston Street Design | Preliminary design services for improvements to sidewalks and public realm on the north side and south side of Boylston Street from Arlington Street to Massachusetts Avenue. | Back Bay/Beacon Hill | New Project | 300,000 | No |
| CNY: Pier 3 Improvements Phase II | Design and construct a pedestrian bridge and complete design/engineering plans for future phases. | Charlestown | To Be Scheduled | 890,000 | No |
| CNY: Pier 4 Improvements | Design the dredging and installation of floats, gangways, utilities, handrail improvements and a fender system at Pier 4 at the Charlestown Navy Yard. External marine facility construction funding anticipated. | Charlestown | To Be Scheduled | 2,511,000 | No |
| CNY: Shipyard Park Public Fountain | Replace fountain pump system and gratings. | Charlestown | New Project | 155,000 | No |
| Downtown BID Improvements | Engineering services for the streets and areaways and redesign of the pedestrian mall in coordination with the Downtown Business Improvement District. | Central Business District | In Design | 1,100,000 | No |
| East Boston Greenway | Design and construction for the final segment of the East Boston Greenway. | East Boston | To Be Scheduled | 965,000 | No |
| Harrison Avenue Improvements | Road reconstruction improvements to Harrison Ave between Berkeley Street and Herald Street. | South End | New Project | 3,820,000 | No |
| Mt. Vernon Street Design | Preliminary design services to bring design to a complete street standard with a cycle track including but not limited to reconstruction of roadway and sidewalk. | Dorchester | New Project | 500,000 | No |
| Newmarket | Construct new sidewalks and rehabilitate existing roadway infrastructure. | Roxbury | In Construction | 2,200,000 | No |
| Uphams Corner Wayfinding Signage | Install signage located around Strand Theater with directions to municipal parking lots. | Dorchester | To Be Scheduled | 33,000 | No |
| Washington Street/ Traveler Street Design | Design services for roadway improvements to Washington Street and Traveler Street including but not limited to resurfacing, pavement markings and traffic signal improvements. | South End | New Project | 200,000 | No |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|---|---|---------------------------|-------------------------|----------------------|------------------|
| Department of Innovation and Technology | | | | | |
| Administration and Finance | Administration and Finance initiatives including upgrades to the Hub system and the implementation of e-Performance. | N/A | Annual Program | 2,000,000 | Yes |
| Administration and Finance: Tax Billing and Collecting System | Replace the City's property tax billing and collecting system with a new enterprise solution. | N/A | New Project | 4,300,000 | No |
| Computer Aided Dispatch | Procure and implement a new computer aided dispatch system for Fire, Police and Emergency Medical Services. The project also includes the implementation of technology solutions for their record management systems requirements. | Citywide | Implementation Underway | 15,000,000 | Yes |
| Core Technology Infrastructure | Install hardware platforms to run applications supporting City business. The scope includes data center consolidation, server virtualization, business interruption planning, enterprise storage, network management, VoIP deployment, and information security | Citywide | Annual Program | 23,276,444 | Yes |
| Data Center: AC/Cooling Tower Replacement | Replace data center cooling tower at City Hall. Install new in-row cooling solution for rack servers. | Central Business District | In Design | 1,200,000 | No |
| Enterprise Business Applications | Identify and procure enterprise business applications that enhance productivity and improve City business operations. | N/A | Implementation Underway | 10,875,141 | Yes |
| Enterprise Geographic Information System | Develop and implement components of a City-wide enterprise geographic information system (GIS). Phase one includes an enterprise license agreement and a new map service for the City website. Phase II includes enterprise asset management. | N/A | Implementation Underway | 7,806,677 | Yes |
| Grove Hall WIFI | Improve and expand the Grove Hall WIFI network as part of the Choice Neighborhoods grant | Roxbury | New Project | 300,000 | No |
| Imaging and Document Management | Establish an enterprise-wide imaging and workflow platform that can be used to store departmental records as well as route various paper documents through City processes. | N/A | Implementation Underway | 2,750,000 | Yes |
| Mobility Solutions | Develop and implement mobile solutions including mobile versions of the City's asset management and permit and inspection systems, as well as the creation of a common mobile platform for existing and future mobile investments. | N/A | Annual Program | 2,400,000 | No |
| Permit and Inspection System | Implement a permit and inspection system which integrates within ISD divisions and creates the capability to connect with other City agencies including the Boston Fire Department. Permit processes for Public Works and Transportation are also underway. | N/A | Implementation Underway | 5,748,892 | Yes |
| Public Safety Systems Assessments | Complete assessments and conceptual plans to update various public safety applications including: Computer Aided Dispatch (CAD), the Laboratory Information Management System (LIMS) and the Incident Tracking System (ITS). | Citywide | In Design | 500,000 | No |
| Public Safety Systems Implementation | Implementation of various public safety initiatives, including mobile technology, improving interoperability between existing data systems, increasing GPS capabilities and migrating public safety agency radio communications to narrow banded frequencies. | Citywide | Implementation Underway | 15,161,442 | No |
| Streetscape Innovation | Field test innovative streetscape improvements in three areas: 1) incorporating technological advancements into the built environment, 2) introduce cutting edge design and materials, and 3) creating better methods of inspection and data collection. | Citywide | Annual Program | 1,000,000 | No |
| Youth and Human Services Initiatives | Implement technology to track utilization of programs, improve visibility and access to services across departments in support of the Community Learning Initiative. | Citywide | Implementation Underway | 1,300,000 | No |
| Environment Department | | | | | |
| Energy Conservation Program | Develop and implement an energy conservation strategy citywide including the installation of photovoltaic units and energy efficient lighting. These funds support citywide energy efficiency projects. | Citywide | Annual Program | 1,166,022 | Yes |
| Open Space Acquisition | Funding program for open space acquisition. | Citywide | To Be Scheduled | 1,500,000 | No |
| Wind Turbine | Design and construct wind turbines. | Harbor Islands | To Be Scheduled | 3,000,000 | No |
| Fire Department | | | | | |
| Critical Facility Repairs | A critical repair fund to be used for emergency repairs to Fire Department facilities including roofs, windows, masonry, electrical and HVAC systems. | Citywide | Annual Program | 2,967,219 | No |
| Emergency Generators | Install emergency generators at 17 fire stations located throughout the City. Phase I: Engine 2, 5, 17, 42, 53, 56; Phase II: Engine 3, 4, 8, 37, 49 and Training Academy; Phase III: Engine 20, 21, 22, 33 and 50. | Various neighborhoods | In Construction | 2,100,000 | No |
| Engine 3 | Renovate building including envelope repairs, door and window replacement and interior improvements including building systems. | South End | To Be Scheduled | 4,400,000 | Yes |
| Engine 37 | Facility upgrades including building envelope and miscellaneous interior improvements including mechanical, electrical and plumbing systems. | Roxbury | To Be Scheduled | 1,871,000 | No |
| Engine 48 | Replace roof and apparatus floor slab. Repoint masonry. | Hyde Park | To Be Scheduled | 401,000 | No |
| Engine 5 | Building envelope repairs including roof replacement, masonry repointing, gutter replacement, waterproofing, flashing repairs, window and door repairs and drainage improvements. | East Boston | To Be Scheduled | 910,000 | No |
| Engine 50 | General renovations include building exterior and interior. | Charlestown | To Be Scheduled | 2,120,000 | No |
| Fire Alarm | Repair front entrance stairs. Improve site drainage. | Fenway/Kenmore | In Construction | 365,375 | No |
| Fire Alarms at 11 Stations | Install or upgrade fire alarm systems at Engine 2, 3, 4, 5, 7, 9, 16, 29, 33, 37 and 50. | Citywide | To Be Scheduled | 200,000 | No |
| Fire Equipment | Purchase new fire apparatus as scheduled in the Apparatus Replacement Plan. | Citywide | Annual Program | 29,502,055 | Yes |
| Fire Headquarters | Replace fire alarm and also expand and improve the sprinkler system. | Roxbury | In Design | 3,100,000 | No |
| Fire Headquarters Structural Repairs | Undertake an exterior and interior structural review of the current headquarters facility. The review will include waterproofing, windows and mechanical/electrical/plumbing systems. | Roxbury | To Be Scheduled | 750,000 | No |
| HVAC / Boiler Replacement at Various Stations | Install new boilers and upgrade heating systems at Engine 3, 4, 20, 22, 24, 28, 39 and 49 and install HVAC units at Engine 3, 16, 21, 29, 30, 33, 37, 42, 49 and Fire Alarm. | Various neighborhoods | To Be Scheduled | 8,250,000 | Yes |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|--|---|------------------------------|-------------------------|----------------------|------------------|
| Fire Department | | | | | |
| Radio System Improvements | Upgrade radio communication system including site improvements at Engine 29 and Fire Alarm. | N/A | To Be Scheduled | 8,420,000 | No |
| Repairs at 4 Stations and Training Academy | Exterior improvements including masonry and concrete repairs and repointing at Engines 2, 7, 29, 48 and Training Academy. | Various neighborhoods | In Design | 2,630,000 | No |
| Roof Replacement at Engine 2, 5 and 54 | Replace roofs at Engine 2, 5 and 54. | Various neighborhoods | To Be Scheduled | 2,500,000 | No |
| Seawall at Moon Island Station Alerting System | Repair seawall adjacent to the Fire Academy. Replace existing station alerting system. | Harbor Islands neighborhoods | Study Underway | 2,794,000 | No |
| | | Various neighborhoods | Implementation Underway | 3,270,000 | No |
| Library Department | | | | | |
| Adams Street Branch Library | Assess interior space requirements of the Children and Adult sections. Replace front doors, roof, and flooring. Repair or replace windows. Improve handicap access and lighting. | Dorchester | To Be Scheduled | 1,450,000 | No |
| Critical Facility Repairs | A critical repair fund to be used for emergency repairs to library facilities including roofs, windows, masonry, and electrical and HVAC systems. | Citywide | Annual Program | 2,100,000 | No |
| Dudley Branch Library | Implement building improvements based on a facility assessment and programming study including a new entryway, site lighting enhancements and security improvements. | Roxbury | In Construction | 1,120,000 | No |
| East Boston Library | Design, construction, and furnishings for the development of a new branch library. | East Boston | In Construction | 17,360,988 | Yes |
| Egleston Square Branch Library | Improve driveway, parking, and garden path areas. Replace fence and install window treatment at south wall. Add lighting to rear of lecture hall and install a handicap ramp. Perform partial window glazing at garden window wall and upgrade HVAC system. | Roxbury | To Be Scheduled | 916,267 | No |
| Facilities Audit | Assess the existing physical conditions of the branches according to how ably the branches can accomplish the Compass Principles with the goal of informing future capital project planning. | Citywide | Study Underway | 440,500 | No |
| Faneuil Branch Library | Upgrade HVAC system, install new fire alarm system, repaint stairs, refurbish interior finishes, and improve interior lighting. Provide exterior signage and improve access. | Allston/Brighton | To Be Scheduled | 1,118,650 | No |
| Faneuil Branch Library Study | Assess the existing interior and exterior physical conditions according to how ably the branch can accomplish the Compass Principles; review the facility's HVAC and alarm systems; and develop a recommended remodeling plan. | Allston/Brighton | New Project | 75,000 | No |
| HVAC Replacement at 3 Branch Libraries | Replace HVAC systems at branch libraries in Charlestown, Roslindale, and the West End. | Various neighborhoods | In Construction | 1,935,000 | Yes |
| Integrated Library System | Upgrade the software and components of the Integrated Library System, the key public service delivery system for the library and all the branches. | Citywide | Implementation Underway | 2,500,000 | No |
| Jamaica Plain Branch Library | Service improvements to address include circulation areas, shelving, electrical systems, accessibility, and other items. Major capital decisions will be informed by the branch facilities audit. | Jamaica Plain | Study Underway | 8,500,000 | No |
| Johnson Building Energy Improvements | Implementation of comprehensive energy study recommendations for the library at Copley Square. | Back Bay/Beacon Hill | In Design | 15,058,354 | Yes |
| Johnson Building Piping Infrastructure | Replace and update piping infrastructure including small diameter hot water piping, chilled water, steam and condensate return piping and related valves in the Johnson and McKim buildings. | Back Bay/Beacon Hill | To Be Scheduled | 3,900,000 | No |
| Johnson Building Renovation | Improvements to enrich library services and visitor experience, including new and expanded areas for teens and children, an enhanced entry and street presence, and other improvements. Includes design and early action construction items. | Back Bay/Beacon Hill | In Design | 16,100,000 | No |
| McKim Library Phase II C Signage | Update directional and room signage in conjunction with the ongoing restoration project. | Back Bay/Beacon Hill | In Design | 500,000 | No |
| McKim Library Phase II D | Extraordinary repairs and rehabilitation of the McKim Library. Phase II D includes renovations to the Print Gallery and to the Music, Fine Arts, Rare Books, and Manuscripts Departments. | Back Bay/Beacon Hill | To Be Scheduled | 2,530,571 | No |
| McKim Library Waterproofing | Remediate water infiltration in the basement of the McKim Building and reconstruct the pedestrian plaza on Dartmouth Street. | Back Bay/Beacon Hill | To Be Scheduled | 480,000 | No |
| North End Branch Library | Upgrade HVAC system, upgrade lighting, install new circulation desk, repair or replace windows, replace roof, install new exterior signage, and other interior repairs. | North End | To Be Scheduled | 1,475,000 | No |
| Parker Hill Library | Replace windows and repoint masonry walls. | Roxbury | To Be Scheduled | 2,400,000 | No |
| Pay-for-Print Infrastructure System | Replace public service pay-for-print infrastructure system. | Citywide | Study Underway | 850,000 | Yes |
| Roslindale Branch Library | Conduct a facility assessment of the existing physical conditions according to how ably the branch can accomplish the Compass Principles (study will be a pilot for system-wide assessment), develop a remodeling plan and implement the first phase. | Roslindale | Implementation Underway | 125,000 | No |
| Security Audit Recommendations Implementation | Implement security upgrades at Central & all branch library locations. | Citywide | To Be Scheduled | 500,000 | No |
| Self-Checkout Equipment | Procure and install a self-checkout system at seventeen branch libraries. | Citywide | Implementation Underway | 350,000 | Yes |
| Uphams Corner Library (New) | Site acquisition, design, construction, and furnishings for the development of a new branch library. | Dorchester | To Be Scheduled | 12,980,000 | No |
| Neighborhood Development | | | | | |
| Strand Theatre | Phase III: Upgrade theatrical lighting, sound and communication system and restrooms. Complete: Phase I-Building system upgrade; Phase II-Exterior façade renovation and stage floor replacement. | Dorchester | In Construction | 7,734,000 | Yes |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|--|--|---------------------------|-----------------|----------------------|------------------|
| Parks and Recreation Department | | | | | |
| Adams Park | Install a permanent performance platform, electrical system, and walkways; rearrange fixtures; plant new shrubs and / or trees. | Roslindale | In Design | 250,000 | No |
| Adams/King Playground | Park renovation including drainage; fencing and wall repairs; new landscaping, play structure, and safety surfacing. | Dorchester | To Be Scheduled | 500,000 | No |
| American Legion Playground | Design and construct a new synthetic turf field, playing courts, play lot, and bleachers; perform other miscellaneous improvements. | East Boston | In Design | 3,400,000 | No |
| Back Bay Fens | Furnish and install pedestrian lighting along pathway by the Rose Garden area of the Fenway. | Fenway/Kenmore | To Be Scheduled | 220,000 | No |
| Bathroom Facilities at P Parks | Study and assess options for providing bathroom facilities in City-owned parks. | Citywide | In Design | 75,000 | No |
| Beethoven School Playground | Refurbishment, repair and renovation of Beethoven School playground and surrounds. | West Roxbury | New Project | 335,000 | No |
| Billings Field Playground | Renovate the play lot, including installation of new play equipment and safety surfacing, a new 0-4 tot lot, and benches. | West Roxbury | In Design | 500,000 | No |
| Blackstone/Franklin Squares Fountains | Undertake a comprehensive renovation of the fountains, including new water recirculation systems. | South End | In Construction | 985,700 | Yes |
| Boston Common Pathways | Improve paths and brick paving; reset granite benches. | Back Bay/Beacon Hill | In Construction | 659,000 | No |
| Boston Common, Deer Park | Renovate building exterior, including masonry, roof, windows, and doors. Upgrade the interior, including new boiler and bathrooms. | Back Bay/Beacon Hill | In Design | 935,000 | No |
| Caldwell Street Playground | Park renovation including pruning, refurbished play structure, new swings, spring toys, safety surfacing, and miscellaneous repairs. | Charlestown | To Be Scheduled | 250,000 | No |
| Carter Playground | Demolish existing structure housing water and electrical controls, and replace with new service building for electrical controls and a separate vault for water controls. | South End | To Be Scheduled | 1,125,000 | No |
| Cassidy Field House | Renovate existing field house with exterior improvements to roof, windows, doors, and brickwork. Provide handicap accessibility. Interior improvements include bathrooms, locker rooms, and office. | Allston/Brighton | To Be Scheduled | 330,000 | No |
| Chandler Pond Pathway | Repair and upgrade of severely deteriorated pathways surrounding Chandler Pond. | Allston/Brighton | In Design | 160,000 | No |
| Childe Hassam Park | Renovate passive park with new pathways, fencing, benches, landscaping, clock, and other improvements. | South End | In Construction | 369,000 | No |
| Commonwealth Avenue Mall | Repair and upgrade existing pathways. | Back Bay/Beacon Hill | In Construction | 500,000 | No |
| Court Renovations | Annual program to rehabilitate tennis, basketball, and street hockey courts citywide. | Citywide | Annual Program | 5,146,000 | No |
| Cuneo Playground | Major park renovation including drainage; fencing and wall repairs; and new landscaping, play structure, and safety surfacing. | East Boston | To Be Scheduled | 320,000 | No |
| Downer Avenue Park | Overall park and play lot refurbishment and installation of safety surfacing. | Dorchester | New Project | 600,000 | No |
| Draper Playground | Replace play equipment. Install new curbing, paving, benches, landscaping, and play surface. | West Roxbury | In Construction | 515,000 | No |
| East Boston Stadium Field | Full replacement of first artificial turf field the Parks Department installed in 1999. Replace entire track and repair perimeter fencing. | East Boston | To Be Scheduled | 2,600,000 | No |
| Edgerly Road Playground | Renovate play lot, including new play equipment and safety surface. | Fenway/Kenmore | In Design | 500,000 | No |
| Eliot Norton Park | Major park renovation including drainage; fencing and wall repairs; and new landscaping, play structure, and safety surfacing. | Central Business District | In Design | 890,000 | No |
| English High Field | Replace synthetic turf field. | Jamaica Plain | In Construction | 1,500,000 | Yes |
| Erie Ellington Playground | Renovate play lot and install new fencing, curbing and trees. | Roxbury | To Be Scheduled | 431,000 | No |
| Fairview Cemetery Garage Building | Construct new garage. Provide access for persons with disabilities. | Hyde Park | In Design | 1,290,000 | Yes |
| Field Renovations at Cassidy Field | Hydrologic and grading study, regarding of three softball/baseball fields and football field to reduce flooding. Installation of significant drainage system, repair/replacement of existing fencing/backstops and paths, repair deteriorated/hazardous concrete | Allston/Brighton | New Project | 710,000 | No |
| Field Renovations at Clifford Playground | Improve site drainage and field conditions. | Roxbury | New Project | 415,000 | No |
| Field Renovations at Doherty-Gibson Playground | Re-establishment and re-grading of two baseball and/or softball fields, repair or creation of accessible pathways around site and field house, repair and replacement of deteriorated fencing, backstops and entrances, paving and re-grading of areas around | Dorchester | New Project | 375,000 | No |
| Field Renovations at Healy Field | Renovate existing field to improve drainage and playing surface, and perform other miscellaneous improvements. | Roslindale | In Design | 700,000 | No |
| Field Renovations at Mission Hill | Renovate existing field to improve drainage and playing surface, and perform other miscellaneous improvements. | Jamaica Plain | In Design | 450,000 | No |
| Field Renovations at Moakley Park | Re-grade field and improve drainage. | South Boston | In Design | 350,000 | No |
| Field Renovations at Various Locations | Annual program for the renovation of three to six fields and their ancillary facilities. | Various neighborhoods | Annual Program | 3,000,000 | No |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|---|--|-----------------------|-----------------|----------------------|------------------|
| Parks and Recreation Department | | | | | |
| Floodlight Pole Renovations | Repair or replace ball field floodlight poles based on engineering assessment. | Citywide | In Construction | 620,000 | No |
| Fort Hill Tower | Interior and exterior repairs including repointing masonry, preparing and painting all metal surfaces, repairing and re-glazing windows, recoating masonry surfaces, and other miscellaneous repairs. | Roxbury | In Construction | 800,000 | No |
| Franklin Park Admin Building Interior | Renovate interior, replace windows, upgrade electrical and HVAC systems, and improve access for persons with disabilities. | Roxbury | To Be Scheduled | 1,972,820 | No |
| Franklin Park Cross Country Track | Repair and improve existing cross country track. | Roxbury | In Construction | 130,000 | No |
| Franklin Park Gateway and Paths | Repair and improve park pathways and entrances. | Roxbury | In Construction | 664,000 | No |
| Franklin Park Greenhouse Construction | Construct new greenhouse. | Roxbury | To Be Scheduled | 520,000 | No |
| Franklin Park Maintenance Yard Utilities Phase II | Design and construct underground telephone and electric services. Repave site, including curbing and parking improvements. | Roxbury | To Be Scheduled | 1,595,000 | No |
| Frog Pond | Study to evaluate the mechanical systems of the Frog Pond. | Back Bay/Beacon Hill | To Be Scheduled | 75,000 | No |
| General Parks Improvements | Replace fencing, pavement, court lighting, and other infrastructure repairs as needed. | Citywide | Annual Program | 3,965,572 | No |
| George Wright Golf Course | Ongoing improvements including drainage, paving, and other miscellaneous items. | Hyde Park | Annual Program | 1,910,300 | No |
| George Wright Golf Course Clubhouse | Building renovations include envelope work and exterior access improvements, new doors and windows, and new boiler and A/C. Install new electrical service and fire protection. Update bathroom for accessibility. | Hyde Park | To Be Scheduled | 4,950,000 | No |
| Gibbons Playground | Major park renovation including drainage; fencing and wall repairs; and new landscaping, play structure, water feature, and safety surfacing. | Jamaica Plain | In Design | 350,000 | No |
| Harambee Park Master Plan | Develop a master plan for the optimal use of space within the entire park. | Mattapan | New Project | 125,000 | No |
| Harvard Mall Play Area | Complete renovation of tot and surrounding area including fencing, paving, and lighting. | Charlestown | To Be Scheduled | 450,000 | No |
| Hazardous Remediation | Conduct mandatory site assessments in accordance with DEP requirements. Provide cleanup at various sites. | Various neighborhoods | Annual Program | 1,453,250 | No |
| Hemenway Playground | Park renovation including drainage; fencing and wall repairs; and new landscaping, play structure and safety surfacing. | Dorchester | To Be Scheduled | 350,000 | No |
| Highland Park | Upgrade the park with new benches, paving, and landscaping. | Roxbury | In Design | 600,000 | No |
| Historic Cemeteries | Ongoing program of repairs in designated historic cemeteries located throughout the City. | Citywide | Annual Program | 1,526,117 | No |
| Horatio Harris Park | Major park renovation including drainage; paving; fencing and wall repairs; and new landscaping, seating area, game tables, and drinking fountains. | Roxbury | To Be Scheduled | 370,000 | No |
| Hunt/Almont Playground | Refurbish fields and various paths in accordance with the master plan. Complete: Demolish the field house and replace with a passive area. | Mattapan | In Construction | 3,841,500 | No |
| Iacono Playground | Major park renovation including drainage; fencing and court repairs; and new landscaping, play structure, swings, and safety surfacing. | Hyde Park | In Design | 730,000 | No |
| Jamaica Pond Boathouse | Repairs to roof, chimney, masonry, windows and doors, interior finishes, and bathrooms; new flooring and paint; food vendor upgrades to kitchen, lighting, and mezzanine. | Jamaica Plain | To Be Scheduled | 400,000 | No |
| Jamaica Pond Dock Rehabilitation | Design rehabilitation and repair of the boat docks. | Jamaica Plain | New Project | 125,000 | No |
| John Harvard Mall | Remove deteriorated brick walls. Replace with brick piers and steel fencing. | Charlestown | To Be Scheduled | 225,000 | No |
| Joyce Playground | Renovate play lot including new play equipment and safety surface. | Aliston/Brighton | In Construction | 1,040,000 | No |
| Liberty Tree | Restoration of passive park including brick paving and other site improvements. | Chinatown | In Design | 130,000 | No |
| Little Scobie Playground | Renovate playground and basketball courts. | Roxbury | New Project | 550,000 | No |
| LoPresti Playground | Renovate park to include refurbished field, play area and pathways. | East Boston | To Be Scheduled | 2,875,000 | No |
| M Street Field | Renovate existing multi-use field to improve drainage. | South Boston | In Construction | 450,000 | No |
| Mary Hannon Playground | Major park renovation including drainage; fencing and wall repairs; and new landscaping, play structure, and safety surfacing. | Roxbury | In Design | 550,000 | No |
| McConnell Playground | Install new play equipment, curbing, paving, and landscaping; perform other ancillary site improvements. | Dorchester | To Be Scheduled | 201,000 | No |
| McLaughlin Playground Upper Terrace | Access and pathway improvements, seating area installation and improvements, grading and drainage restoration, fence installation and overlook creation. | Roxbury | New Project | 335,000 | No |
| Monsignor Reynolds Playground | Install new play lot equipment, curbing, fencing, and benches. | South End | To Be Scheduled | 299,000 | No |
| Mothers Rest | Renovate play lot including new play equipment and safety surface. | Fenway/Kenmore | In Construction | 291,250 | No |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|---|---|-----------------------|-----------------|----------------------|------------------|
| Parks and Recreation Department | | | | | |
| Muddy River | Dredge main channel and restore habitat along the Muddy River. Project will be implemented through the Army Corps of Engineers. Additional project funding is provided by the Army Corps of Engineers, the Commonwealth, and the Town of Brookline. | Fenway/Kenmore | In Construction | 95,452,500 | No |
| New Accessible Park at Charlestown Navy Yard | Design and construction of a new accessible play area and park located adjacent to Pier11 in the Charlestown Navy Yard. | Charlestown | New Project | 4,660,000 | No |
| Paris Street Playground | Major park renovation including drainage; fencing and wall repairs; and new landscaping, play structure, and safety surfacing. | East Boston | In Design | 850,000 | No |
| Park Accessibility Evaluation and Asset Study | Evaluation and analysis of the city-wide Park and Open Space plan. | Citywide | In Design | 500,000 | No |
| Park Equipment | Purchase park maintenance equipment. | Citywide | Annual Program | 3,700,000 | No |
| Public Garden Lagoon | Repair and backfill missing, destroyed, and leaking granite coping surrounding the lagoon. | Back Bay/Beacon Hill | In Construction | 550,000 | No |
| Public Garden Pathways | Repair and upgrade existing pathways. | Back Bay/Beacon Hill | In Construction | 600,000 | No |
| Puopolo Field Electrical Repairs | Repair and replacement of entire electrical system. Change power source from high voltage to low voltage, install MUSCO lighting controllers and modify all required wiring and switches. | North End | New Project | 200,000 | No |
| Rice Field | Renovate and re-grade infield and over-seed outfield. | Roxbury | In Construction | 100,000 | No |
| Ringgold Park Phase II | Renovate play lot including new play equipment and safety surface. | South End | In Construction | 335,000 | No |
| Roberts Playground | Design and construct a new synthetic turf field. | Dorchester | In Construction | 3,500,000 | No |
| Rogers Park | Planning for future park improvements. | Allston/Brighton | To Be Scheduled | 25,000 | No |
| Ross Playground | Overall park and play lot refurbishment and installation of safety surfacing. | Hyde Park | New Project | 700,000 | No |
| Savin Hill Park | Access and pathway improvements, seating area installation and improvements, grading and drainage restoration, fence installation and overlook creation. | Dorchester | New Project | 265,000 | No |
| Shubow Park | Renovate play lot including new play equipment and safety surface. | Allston/Brighton | In Construction | 460,000 | No |
| Street Tree Planting | Ongoing program of street tree planting throughout the City. | Citywide | Annual Program | 4,700,000 | No |
| Summer and Lamson Playground | Remove and replace play equipment: repair stairs, walls, paving, fencing, and other miscellaneous items. | East Boston | In Construction | 555,000 | No |
| Sweeney Playground | Renovate play lot including new play equipment and safety surface. | South Boston | In Design | 500,000 | No |
| Symphony Park | Revitalize park and create a passive, sustainable designed park with enhanced green spaces, accessible walkways, and a pergola area. | Fenway/Kenmore | To Be Scheduled | 550,000 | No |
| Tai Tung Park | General park refurbishment and installation of new safety surfacing. | Chinatown | New Project | 160,000 | No |
| Turf Rehabilitation | Refurbish existing artificial fields, including impact testing, granular replacement/relocation, and ensuring the integrity of the fields. | Citywide | To Be Scheduled | 250,000 | No |
| Urban Wilds Renovations | Renovation of walls, walkways, and signage within urban wilds owned by Environment and Parks Department. Trailhead, wayfinding, safety enhancement and woodland restoration at Allandale Woods. | Citywide | Annual Program | 880,000 | No |
| Visitor Information Center | Design services for the plaza and streetscape in front of the Visitor Information Center. | Back Bay/Beacon Hill | In Design | 50,000 | No |
| Wards Pond Boardwalk | Restore a section of the boardwalk that is currently unusable. | Jamaica Plain | Complete | 150,000 | No |
| West Roxbury Education Complex Field | Design and construct a new synthetic turf football field, synthetic turf baseball and softball fields, tennis courts and athletic track. Upgrade parking, fencing, stands and lighting. | West Roxbury | New Project | 6,500,000 | No |
| William Devine Golf Course | Improve drainage, paving, and other miscellaneous items. | Roxbury | Annual Program | 1,500,000 | No |
| Winthrop Square III | Landscaping area and install new perimeter fencing. | Charlestown | In Design | 251,200 | No |
| Police Department | | | | | |
| Area A-1 and Area D-4 Stations | Install new roofs on two police stations. Replace windows at Area A-1 Station. | Various neighborhoods | New Project | 2,000,000 | No |
| Area A-7 Station | Replace roof and waterproof exterior masonry. | East Boston | In Construction | 2,180,248 | No |
| Area C-11 Station | Replace the roof. Renovate cell block and booking areas. Upgrade public bathrooms and front entrance to improve access for persons with disabilities. Install a backflow preventer and upgrade the fire alarm system. | Dorchester | In Construction | 3,128,222 | No |
| Area C-6 Station Roof Replacement | Replace roof, replace exterior wall and window sealants. | South Boston | To Be Scheduled | 315,000 | No |
| Area D-14 Station | Install new windows on the second floor. | Allston/Brighton | New Project | 360,000 | No |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|--|--|---------------------------|-----------------|----------------------|------------------|
| Police Department | | | | | |
| Area E-18 Station | Programming and facility study to relocate cellblock, replace roof and address building envelope issues. | Hyde Park | New Project | 50,000 | No |
| Area E-5 Station | Replace exterior siding. | West Roxbury | New Project | 1,450,000 | No |
| Critical Facility Repairs | A critical repair fund to be used for emergency repairs to police facilities including roofs, windows, masonry, electrical and HVAC systems. | Citywide | To Be Scheduled | 665,000 | No |
| East Boston Police Station Study | Develop building program and assess siting options in conjunction with the possible development of a City-owned property on East Eagle Street. | East Boston | To Be Scheduled | 75,000 | No |
| Gun Range at Moon Island | Design and construct a facility to support administrative and training requirements including appropriate environmental mitigation. | Harbor Islands | To Be Scheduled | 2,800,000 | No |
| Mattapan Police Station Study | Evaluate the feasibility of increasing usable building square footage internally or through an addition in order to support increasing service demands. | Mattapan | To Be Scheduled | 75,000 | No |
| Police Headquarters HVAC Improvements | Replace two cooling towers. Update HVAC air handling units and fire protection systems supporting the 9-1-1 Operations Center. | Roxbury | To Be Scheduled | 1,744,500 | No |
| Property and Construction Management Department | | | | | |
| 1010 Massachusetts Ave. | Renovate facility to support the relocation of the Boston Fire Department Headquarters to 1010 Mass. Ave. | Roxbury | To Be Scheduled | 32,500,000 | No |
| 1010 Massachusetts Avenue Elevators | Replace elevator cabs, controllers and motors. | Various neighborhoods | In Construction | 1,145,000 | No |
| 26 Court Street | Phase I: Develop space program for City departments that will locate to this facility after the School Department relocates to Dudley Square. Phase II: Interior and exterior repairs including system updates and office renovations. | Central Business District | To Be Scheduled | 20,000,000 | No |
| City Hall 4th Floor Courtyard | Waterproof brick and concrete, repair skylight, and perform necessary ancillary work on 4th floor courtyard. | Central Business District | To Be Scheduled | 3,575,000 | No |
| City Hall and Faneuil Hall Access Improvements | Replace the handicap accessible chair lifts at City Hall and Faneuil Hall. | Central Business District | To Be Scheduled | 275,000 | No |
| City Hall Elevators and Escalators | Elevator and escalator upgrades. | Central Business District | To Be Scheduled | 7,000,000 | No |
| City Hall Energy Efficiency | Phase II: Recommissioning, update pumps and chillers with variable frequency drives. Phase I (lighting upgrades and controls) is complete. | Central Business District | In Design | 3,334,336 | Yes |
| City Hall HVAC Piping Infrastructure | Replace HVAC and chilled, hot water, and steam piping throughout City Hall. | Central Business District | To Be Scheduled | 10,000,000 | No |
| City Hall HVAC System Improvements | Replace boilers and associated piping, replace water heating system and associated piping, replace cooling towers and chiller. All equipment will be converted from steam to natural gas. | Central Business District | In Design | 9,500,000 | Yes |
| City Hall Plaza | Repair plaza brickwork and perform ancillary repairs to railings and granite steps. Provide accessible path to City Hall entrance. | Central Business District | To Be Scheduled | 2,315,555 | No |
| City Hall Roof Drains | Repair roof and plaza drainage systems. | Central Business District | To Be Scheduled | 610,000 | No |
| Critical Facility Repairs | A critical repair fund to be used for emergency repairs to facilities managed by Property and Construction Management including roofs, windows, masonry, and electrical and HVAC systems. | Citywide | Annual Program | 1,692,957 | No |
| Dudley Square Municipal Building | Design, construct, furnish, and equip a new municipal building located in Dudley Square, Roxbury. | Roxbury | In Construction | 119,000,000 | Yes |
| Dudley Square Municipal Building - Public Art | Commission and produce a signature piece of artwork to accompany the new Dudley Municipal Building. | Roxbury | New Project | 200,000 | No |
| East Eagle Street | Site acquisition and remediation, design and construction for a combined municipal facility that will include a new police station, ambulance garage, and public works yard as well as the creation of additional open space. | East Boston | To Be Scheduled | 5,400,000 | No |
| East Eagle Street Shoreline | Shoreline stabilization along Chelsea Creek near East Eagle Street. | East Boston | To Be Scheduled | 100,000 | No |
| Family Justice Center | Replace roof and rooftop HVAC units. | Allston/Brighton | In Design | 2,900,000 | No |
| Faneuil Hall | Replace windows. | Central Business District | New Project | 310,000 | No |
| Former Area B-2 Police Station | Environmental remediation and demolition of former Dudley Square police station. | Roxbury | New Project | 1,610,000 | No |
| N.I.C.E. Program | The Neighborhood Improvements through Capital Expenditures (NICE) Program provides funds for improvements to City-owned property. | Citywide | Annual Program | 525,000 | No |
| Parking Lot Improvement | Expand Blair lot parking area in Dudley Square in support of the new municipal center building. | Roxbury | New Project | 1,400,000 | No |
| Underground Storage Tanks | Closeout phase for 12 remaining UST locations. Three sites to be permanently closed. Nine sites to undergo activities for close out or long term monitoring. | Citywide | Annual Program | 2,245,000 | No |
| Uphams Corner Municipal Building | Replace roof and gutters; install new boiler; renovate exterior entry, stairway, and lighting. Upgrade bathrooms and improve access for persons with disabilities. | Dorchester | In Construction | 3,902,000 | No |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|--|--|---------------------------|-----------------|----------------------|------------------|
| Public Health Commission | | | | | |
| Critical Facility Repairs | A critical repair fund to be used for emergency repairs to Public Health Commission facilities including roofs, windows, masonry, and electrical and HVAC systems. | Citywide | Annual Program | 3,000,000 | No |
| Electrical Conduit on Long Island Bridge | Replace conduit for electrical cable on Long Island Bridge that provides power to the facilities on Long Island. | Harbor Islands | In Construction | 300,000 | No |
| EMS Garage/Storage Facility | Design and construct a storage facility for EMS emergency operations equipment. | Mattapan | Study Underway | 4,950,000 | No |
| Finland Building | Connect building heating system to private steam service and install a rooftop heat reducer unit. Install a new chiller to provide chilled water for building cooling system. | South End | To Be Scheduled | 400,000 | No |
| Long Island Administration Building | Building envelope repairs including foundation repairs, masonry repointing, repair and / or replacement of windows, and bathroom upgrades. | Harbor Islands | In Design | 3,245,000 | No |
| Long Island Pier | Design and construct a new permanent pier. | Harbor Islands | In Design | 1,576,107 | No |
| Tobin and Morris Buildings | Design heating and cooling systems that may include geothermal or conventional system solutions. | Harbor Islands | To Be Scheduled | 850,000 | No |
| Woods Mullen Shelter | Design and install an independent heating and cooling system. | South End | To Be Scheduled | 400,000 | No |
| | | | | | |
| Public Works Department | | | | | |
| ADA/AAB Pedestrian Ramps | Install or reconstruct pedestrian ramps to conform to current Americans With Disabilities Act and Architectural Access Board regulations. | Citywide | Annual Program | 20,000,000 | No |
| Alford Street Bridge | Replace the bridge. State and federal construction funding awarded. | Charlestown | In Construction | 63,252,800 | No |
| Alston Maintenance Yard | Site improvements including paving, fencing, landscaping, and ADA improvements. Replace garage roof windows and doors. Upgrade lighting and replace fuel tank and furnace. | Alston/Brighton | To Be Scheduled | 1,330,000 | No |
| American Legion Bridge | Design and construction management of bridge replacement, with state construction funding awarded. | Mattapan | In Construction | 3,395,000 | No |
| Blossom Street Lighting | Street lighting, median, sidewalk and roadway improvements to Blossom Street east of Cambridge Street. | Back Bay/Beacon Hill | To Be Scheduled | 1,000,000 | No |
| Bridge Repairs | Ongoing repairs at various City-owned bridges as needed. | Citywide | Annual Program | 27,234,844 | No |
| Bulfinch Triangle Street Improvements | Street, sidewalk and lighting improvements and repairs in the Bulfinch Triangle area including Canal Street, Lancaster Street, Friend Street, Portland Street, and Valenti Way. | Central Business District | In Design | 1,500,000 | No |
| Calumet Square | Improve the intersection of Calumet Street and St. Alphonsus Street. | Roxbury | To Be Scheduled | 200,000 | No |
| Cambridge Street Bridge | Inspect bridge and perform repairs as needed. | Charlestown | To Be Scheduled | 253,000 | No |
| Central Maintenance Facility Complex | Repairs and renovations to the West 4th Street entrance, parking garage, east ramps, and storage building. | South End | In Construction | 20,000,000 | No |
| Central Maintenance Facility Complex Floor Repairs | Repair or replace concrete floors in the heavy and light maintenance areas including installation of gas and oil separators in floor drains. | South End | Complete | 4,714,378 | No |
| Central Maintenance Facility Complex Vehicle Wash | Design and construct a new vehicle washing and storage facility. | South End | In Design | 8,500,000 | Yes |
| Choice Neighborhood | Reconstruction or resurfacing of various streets in the Choice Neighborhood. | Roxbury | In Design | 3,000,000 | No |
| Commonwealth Avenue Design | Design for the reconstruction of Commonwealth Avenue (Phase 3 & 4), from Packard's Corner to Kelton Street, with the addition of a cycle track. State construction funding anticipated. | Alston/Brighton | New Project | 2,000,000 | No |
| Commonwealth Avenue Mall Lighting | Reconstruct the lighting system along the Commonwealth Avenue Mall from Arlington Street to Kenmore Square. | Back Bay/Beacon Hill | To Be Scheduled | 2,500,000 | No |
| Critical Facility Repairs | A critical repair fund to be used for emergency repairs to Public Works Department facilities including roofs, windows, masonry, and electrical and HVAC systems. | Citywide | Annual Program | 1,300,000 | No |
| Crossroads Initiative | The initiative is a program of street improvements surrounding and adjacent to the Rose Kennedy Greenway. Broad St., Summer St. and Congress St. (east of Fort Point Channel), and Causeway Street are the first streets scheduled for reconstruction. | Central Business District | In Construction | 54,500,000 | No |
| Dana Avenue Bridge | Complete design and engineering analysis for bridge rehabilitation. | Hyde Park | In Design | 360,000 | No |
| Downtown Business Improvement District | Roadway, sidewalk and street lighting improvements in the Downtown Business Improvement District. | Central Business District | In Construction | 1,000,000 | No |
| Franklin Field | Reconstruct streets in the Franklin Field neighborhood including new roadway, sidewalks, pedestrian ramps and street lighting. | Mattapan | In Construction | 3,300,000 | No |
| Frederick Douglass Street Improvements | Provide roadway, sidewalk, and streetlight repair and reconstruction to the Frederick Douglass neighborhood. | South End | In Construction | 2,500,000 | No |
| Freedom Trail | Design services for evaluation of accessibility issues related to the Freedom Trail. | Various neighborhoods | New Project | 500,000 | No |
| Gardner Street Landfill Phase IA | Design and cap landfill areas at Millennium Park and West Roxbury Educational Complex. | West Roxbury | In Design | 6,000,000 | No |
| Green Stormwater Management Projects | Install a pervious pavement system to support groundwater recharging on a Public Alley and reconstruct certain sidewalks with permeable materials. | Citywide | To Be Scheduled | 400,000 | No |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|--|--|---------------------------|-----------------|----------------------|------------------|
| Public Works Department | | | | | |
| Huntington Avenue | Redesign and construction of certain sidewalk segments to comply with Americans With Disabilities Act and Architectural Access Board regulations. | Fenway/Kenmore | To Be Scheduled | 500,000 | No |
| Long Island Bridge Repairs | Design and construct repairs to bridge to maintain current load ratings over the next ten years. | Harbor Islands | In Construction | 28,300,000 | No |
| Massachusetts Avenue Bridge at Commonwealth Avenue | Design bridge repairs. State and federal construction funding anticipated. | Back Bay/Beacon Hill | In Design | 13,554,261 | No |
| Neighborhood Commons | Creation of public neighborhood gathering spaces, utilizing site improvements to roadway surfaces within the public right of way. | Citywide | Annual Program | 500,000 | No |
| Non-Participating Fund | Funding to pay for non-participating items in federal/state roadway projects in the City of Boston. | Various neighborhoods | Annual Program | 7,717,000 | No |
| North Square | Redesign the key junction of North Street, Sun Court, Moon Street, Garden Court and Prince Street. | North End | New Project | 2,500,000 | No |
| North Washington Street Bridge | Design rehabilitation of bridge. State and federal construction funds anticipated. | Central Business District | In Design | 58,620,000 | No |
| Old Colony Housing Roadways | Reconstruction of roadways in the redevelopment of the Old Colony housing development. | South Boston | In Construction | 3,600,000 | No |
| Old Northern Avenue Bridge | Planning, design, and ongoing repairs to bridge. Federal funds anticipated. | South Boston | In Design | 17,200,000 | No |
| Retaining Walls | Dedicated repair fund for the City's retaining walls. | Citywide | In Design | 1,600,000 | No |
| Roadway Reconstruction | Includes road reconstruction, sidewalk reconstruction, and traffic signal replacement where appropriate. | Citywide | Annual Program | 68,859,976 | No |
| Roadway Resurfacing | Annual citywide roadway resurfacing program. | Citywide | Annual Program | 37,450,000 | No |
| Roadway Utility Restoration | Repair and repave roadway damaged by utility companies. | Citywide | Annual Program | 28,750,000 | No |
| Safe Routes to Parks | Enhance streets and sidewalks adjacent to park improvement projects in coordination with the Parks Department and the Transportation Department. | Citywide | Annual Program | 600,000 | No |
| Sewer Street | Design and construction funding for street reconstruction and addition of a cycle track. | Roxbury | To Be Scheduled | 6,000,000 | No |
| Sidewalk Reconstruction | Various sidewalk and pedestrian ramp repairs and reconstruction. | Citywide | Annual Program | 39,909,400 | No |
| Street Light LED Conversion | A City-wide project to convert mercury and sodium vapor streetlights to light emitting diode (LED) lights. | Citywide | In Construction | 21,192,050 | Yes |
| Street Lighting Division Facility | Design and construct a new Street Lighting Division facility. | N/A | Study Underway | 15,000,000 | Yes |
| Street Lighting Installation | Installation of street lights in various locations. | Citywide | Annual Program | 14,900,000 | No |
| Sullivan Square / Rutherford Avenue | Engineering and design services to provide for other transportation alternatives with the demolition of the overpass. State and federal funding anticipated. | Charlestown | In Design | 14,100,000 | No |
| Symphony Area Streetscape | Design roadway and sidewalk improvements adjacent to Symphony Hall. State and federal construction funding. | Fenway/Kenmore | In Design | 4,000,000 | No |
| Traffic Signals On-Call Repair and Maintenance | On call maintenance of traffic signals. | Citywide | Annual Program | 1,050,000 | No |
| Uphams Corner | Redesign the intersection of Columbia Road, Dudley Street, and Stoughton Road. | Dorchester | To Be Scheduled | 4,200,000 | No |
| West Roxbury Gateway | Create a new gateway to West Roxbury at the intersection of Spring Street and the VFW Parkway. | West Roxbury | To Be Scheduled | 100,000 | No |
| Woodbole Housing | Reconstruct roads, sidewalks, pedestrian ramps, and street lighting at the Woodbole / Gallivan housing development. | Mattapan | In Design | 3,000,000 | No |
| School Department | | | | | |
| Access Improvements At Beethoven School | Access improvements include the installation of a new elevator, bathroom upgrades, ramp access to the auditorium, installation of a new fire alarm system, as well as door and signage improvements. | West Roxbury | In Design | 2,595,667 | No |
| Access Improvements at Various Schools II | Provide access for persons with disabilities at various schools based on the facility assessment survey. | Citywide | Annual Program | 2,000,000 | No |
| Accreditation Improvements at Various Schools | Necessary upgrades and improvements to various schools including Brighton High in the accreditation review process. | Citywide | Annual Program | 2,000,000 | No |
| Alighieri School Building | Asset preservation of former Alighieri School includes new windows, masonry pointing and plumbing improvements. | East Boston | To Be Scheduled | 1,600,000 | No |
| ATE: BCLA/Mission High School | Renovate interior space to create additional science labs. | Hyde Park | In Construction | 1,665,000 | No |
| ATE: Boston Arts Academy | Upgrade and expand computer network. | Fenway/Kenmore | To Be Scheduled | 145,000 | No |
| ATE: Fenway High School | Renovate existing building including new fire safety systems and construction of an addition to support cafeteria/auditorium. | Jamaica Plain | In Design | 12,000,000 | No |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|---|---|-----------------------|-----------------|----------------------|------------------|
| School Department | | | | | |
| Boston Latin School | Replace lintels and repoint exterior masonry. | Fenway/Kenmore | In Construction | 2,925,701 | No |
| Charlestown High School | Replace HVAC system. Upgrade interior lighting, electrical system and controls, improve accessibility, and update student and faculty bathrooms. | Charlestown | In Construction | 32,550,000 | Yes |
| Cleveland HVAC | Install new roof top HVAC units. | Dorchester | New Project | 450,000 | No |
| Critical Facility Repairs | A critical repair fund for emergency repairs to school facilities including roofs, windows, masonry, electrical and HVAC systems. | Citywide | Annual Program | 4,536,475 | No |
| Data Center at Campbell Resource Center | Expand current back-up data center located at Campbell Resource Center. Scope includes code required enhancements and alterations. | Dorchester | To Be Scheduled | 350,000 | No |
| Dearborn School | Major renovation of the entire school facility to create a STEM 6-12 program. A statement of interest has been accepted by the MSBA for a feasibility study. | Roxbury | Study Underway | 865,000 | No |
| Door Replacement at Higginson/Lewis School | Replace doors and door hardware. | Roxbury | In Construction | 440,600 | No |
| Door Replacement at Various Schools | Replace interior and exterior doors, hardware and classroom partitions at various school locations, including the Ellis, Irving, Lewenburg, and Sumner. | Various neighborhoods | Annual Program | 5,628,894 | No |
| Electrical Improvements at Various Schools | Electrical improvements at various schools including the Cleveland, Condon, and McKay schools. Upgrade egress signage. | Various neighborhoods | New Project | 1,850,000 | No |
| Eliot School | Renovate North Bennett Street buildings which will provide additional classrooms to support the Eliot Schools' expansion as a K to 8 school. | North End | In Design | 25,400,000 | Yes |
| Email Upgrade and Archiving Implementation | Implement a new cloud-based email, messaging and collaboration solution for students and staff which incorporates archiving and e-discovery of email to ensure the department's compliance with City of Boston email retention policies. | N/A | To Be Scheduled | 500,000 | No |
| Exterior Renovations at the C.A.S.H. | Exterior masonry repairs at the Community Academy of Science and Health (C.A.S.H.). | Dorchester | In Construction | 2,436,100 | No |
| Exterior Renovations at Various Schools | Repair and replace exterior components including doors, lighting, or exterior site components such as stairs, walkways, and retaining walls at various schools including Harvard-Kent, Hernandez, McKinley, Rogers, and West Roxbury Ed. Complex. | Various neighborhoods | Annual Program | 3,916,162 | No |
| Fire Systems at Various Schools | Upgrade or replacement of the fire alarm and/or fire protection system at various school buildings including Mather, Edwards, Hale, Channing, McKinley, and O'Donnell. | Various neighborhoods | Annual Program | 8,661,189 | No |
| HVAC at Carter Center | Upgrade heating system. | South End | In Construction | 467,300 | No |
| HVAC at Jackson/Mann School | Replace the HVAC system. | Aliston/Brighton | To Be Scheduled | 4,000,000 | No |
| HVAC at Marshall School | Replace cooling tower. | Dorchester | In Construction | 69,290 | No |
| HVAC at Warren Prescott School | Upgrade existing HVAC system. | Various neighborhoods | In Construction | 808,300 | No |
| HVAC Improvements at Various Schools | Replace the DDC controls and HVAC units at various schools including the Carter. | Various neighborhoods | Annual Program | 10,502,929 | No |
| Interior Refurbishment at Blackstone School | Replace flooring. | South End | In Construction | 59,575 | No |
| Interior Refurbishments at Various Schools | Interior improvements at various schools including Boston Latin Academy, Brighton High, Edwards, Gawn, Holmes, Mary Lyon, and P.A. Shaw. | Various neighborhoods | Annual Program | 2,144,917 | No |
| Masonry at East Boston High School | Repair interior masonry walls. | East Boston | In Construction | 148,000 | No |
| Masonry Repairs at Various Schools | Exterior masonry restoration at the Holmes, and Marshall. | Various neighborhoods | Annual Program | 14,808,471 | No |
| New K-8 School | Purchase property located at 585 Commercial Street. Renovate facility to use as classroom space during the Eliot School expansion project and afterwards establish a new K-8 school program. | North End | New Project | 36,250,000 | No |
| Plumbing Improvements at Various Schools | Bathroom and other plumbing improvements at various schools including Fifield, Gardner, Mendell, Rogers, P.A. Shaw, Sumner, Trotter, West Roxbury Ed. Complex, and Warren-Prescott. | Various neighborhoods | New Project | 2,530,000 | No |
| Quality Improvement Fund for Schools | A multi-year capital investment program targeting facility improvements in schools designated as high support/Turnaround. | Various neighborhoods | New Project | 15,000,000 | No |
| Quincy Upper Pilot School / Boston Arts Academy | Design and construct a new school facility for the Quincy Upper Pilot School and the Boston Arts Academy. | Chinatown | Study Underway | 13,000,000 | No |
| Rogers School | Major renovation includes plaster and paint, refinishing/replacement of floors, replacement of windows, lighting, handicap access and electrical upgrade. | Hyde Park | To Be Scheduled | 3,965,000 | No |
| Roof at McKinley School | Replace roof. | Fenway/Kenmore | To Be Scheduled | 657,250 | No |
| Roof Replacement at Various Schools | Replace roofs at various school locations including the Dever School. | Various neighborhoods | Annual Program | 8,400,000 | No |
| School Yard at Haynes EEC | Design and construction of school yard improvements. | Roxbury | To Be Scheduled | 450,000 | No |
| School Yard at Higginson/Lewis | Design and construction of school yard improvements. | Roxbury | In Design | 400,000 | No |
| School Yard at King School | Redesign King School Play Area. | Roxbury | To Be Scheduled | 1,000,000 | No |
| School Yard at Mission K-8 School | Design and construction of an outdoor classroom. | Various neighborhoods | In Design | 150,000 | No |

| Project | Scope of Work | Neighborhood | Status | Total Project Budget | Operating Impact |
|--|--|---------------------------|-------------------------|----------------------|------------------|
| School Department | | | | | |
| School Yard at Umama School | Design and construction of school yard improvements. | East Boston | In Design | 550,000 | No |
| School Yard Improvements | Design and construction of school yard improvements through the Boston Schoolyard Initiative. | Various neighborhoods | Annual Program | 3,836,232 | No |
| School Yard Repairs | Repairs and refurbishment of previously completed Boston Schoolyard Initiative sites. | Various neighborhoods | Annual Program | 1,200,000 | No |
| Security Related Improvements at Various Schools | Install intercom and clock systems, re-key doors, expand card access, replace exterior and various smoke doors, install motion detectors and other security related improvements. | Various neighborhoods | New Project | 2,071,000 | No |
| Student Information System | Design and implementation of a new student information system that includes tracking attendance, grading/reporting, and student/parent communication. | Citywide | Implementation Underway | 6,000,000 | Yes |
| Technology Infrastructure | Upgrade school technology infrastructure including servers, wireless access points, routers, switches, network equipment, data drops, and electrical repairs. | Citywide | Implementation Underway | 9,000,000 | No |
| Umama School | Major building renovation including new roof and windows, fire suppression, electrical and mechanical upgrades, and bathrooms, doors, floors, kitchen, partitions, auditorium, and schoolyard improvements. | East Boston | To Be Scheduled | 33,300,000 | No |
| Window Replacement At Various Schools | Replace windows and balances at East Boston High, English High and other schools citywide. | Various neighborhoods | New Project | 2,500,000 | No |
| Windows at Marshall School | Replace windows. | Dorchester | To Be Scheduled | 1,900,000 | No |
| Windows at McKay School | Replace windows. | East Boston | To Be Scheduled | 1,195,000 | No |
| Transportation Department | | | | | |
| Accessible Pedestrian Signals | Purchase and install APS devices for new construction, major reconstructions, and by request as outlined in the City's response to the federal mandate. | Citywide | Annual Program | 1,000,000 | No |
| ARRA Intelligent Transportation | Install new or upgrade existing traffic signals, controls, communications, detection and monitoring equipment, and systems at multiple bundled locations. | Citywide | In Construction | 5,000,000 | No |
| BTD Enforcement Facility | Renovations and security improvements to the parking meter collection room. | South End | In Construction | 869,985 | No |
| Central Square | Urban redesign and improvements for Central Square including the intersections at Meridian and Saratoga Streets, and Porter and Bennington Streets. | East Boston | In Design | 6,000,000 | No |
| Centre Street / South Street | Redesign Centre Street and South Street in Jamaica Plain using a Complete Streets approach. | Jamaica Plain | To Be Scheduled | 400,000 | No |
| Dudley Street | Roadway improvements from Shawmut Avenue to Harrison Avenue including six key Dudley Square intersections. The scope of work includes geometric changes, new traffic signal equipment and timing, bike lanes, and streetscape improvements. | Roxbury | To Be Scheduled | 9,000,000 | No |
| Fenway Longwood Kenmore Improvements | Infrastructure improvements for Boylston Street and Audubon Circle. Develop a bicycle and pedestrian path connecting the Riverway with Fenway and Yawkey Stations. | Fenway/Kenmore | To Be Scheduled | 12,500,000 | No |
| Innovation District Mobility Action Plan | Design a network of bus/shuttle and bicycle points, car-share and bicycle share stations, electric vehicle charging stations, peak-time corridors, and information panels in the Innovation District. | South Boston | To Be Scheduled | 250,000 | No |
| Meineka Cass Boulevard | Reconstruct Meineka Cass Blvd. in conjunction with the South Bay Harbor Trail project. State and federal construction funding anticipated. | Roxbury | In Design | 4,450,000 | No |
| Mobility Improvement Corridors | Improve traffic flow along selected congested corridors. | Citywide | To Be Scheduled | 150,000 | No |
| Municipal Parking Lots | Lighting, paving, re-striping, and other upgrades to municipal parking lots citywide. | Citywide | In Construction | 1,850,000 | Yes |
| South Bay Harbor Trail | Design and construct an important link in the City's Greenway, connecting trails from the Fenway, the Southwest Corridor, Charles River Park, Broadway Bridge, and the Central Artery parks. | South End | In Design | 3,850,000 | No |
| Southampton Street Maintenance Yard | Repair roof. | Roxbury | New Project | 400,000 | No |
| Strategic Bicycle Network Project | Maximize usage in existing high volume bike lanes via construction of bike lane extensions and connections with the Esplanade, the Jamaica Way, the Southwest Corridor, and the future South Bay Harbor Trail into downtown Boston destinations. | Citywide | In Design | 6,400,000 | Yes |
| Traffic Signal Construction Projects | Install new or upgrade existing traffic signals and controls, and communications, detection and monitoring equipment and systems at multiple bundled locations. | Citywide | In Construction | 5,216,698 | No |
| Traffic Signal Control Boxes | Purchase and install traffic signal control boxes. | Citywide | Annual Program | 2,602,850 | No |
| Traffic Signal Corridor Re-Timing Program | Retime traffic signal equipment along arterial corridors to improve traffic flow. | Citywide | Annual Program | 1,250,000 | No |
| Traffic Signal Equipment On-Call | Install new or upgrade existing traffic signals and controls, and communications, detection and monitoring equipment and systems based on in-house design plans. | Citywide | Annual Program | 15,000,000 | No |
| Traffic Signals at 17 Locations | Upgrade traffic signal equipment at 17 locations. | Citywide | In Design | 299,839 | No |
| Traffic Signals Battery Backup | Design, procurement, and installation of battery backup equipment for traffic signal boxes. | Citywide | To Be Scheduled | 1,000,000 | No |
| Traffic Signals Design Services | Design services for traffic signals throughout the City. | Citywide | Annual Program | 2,600,000 | No |
| Transportation Planning | Develop neighborhood or strategic transportation action plans including traffic flow, major arterials, pedestrian safety, parking, bicycle access and regional project plans. | Citywide | Annual Program | 2,250,000 | No |
| Tremont Street | Develop design and engineering plans for roadway reconstruction including improvements to sidewalks and lighting. | Central Business District | To Be Scheduled | 350,000 | No |
| Warren Street and Blue Hill Avenue | Reconstruct Warren Street and Blue Hill Avenue (Dudley Square to Talbot Avenue) to improve connections to Grove Hall. State and federal construction funding anticipated. | Roxbury | In Design | 2,700,000 | No |

City of Boston
Outstanding Principal by Statute as of April 30, 2013

| Statute: | | Outstanding @ April 30, 2013 | Percent of Total Outstanding Debt |
|----------------------------------|--|---------------------------------|--|
| <u>General Purpose:</u> | | | |
| C44 s7 (13) | Acquisition of Fire or Police Boats | 2,115,719 | 0.184 |
| C44 s7 (20) | Acquisition of Land; Cemeteries | 200,479 | 0.017 |
| C44 s7 (22) | Engineering or Architectural Services | 4,042,810 | 0.352 |
| C44 s7 (25) | Acquisition of Land; Parks and Playgrounds | 70,792,427 | 6.156 |
| C44 s7 (28) | Computer Hardware | 45,686,669 | 3.973 |
| C44 s7 (29) | Computer Software | 12,412,679 | 1.079 |
| C44 s7 (9) | Departmental Equipment | 13,462,843 | 1.171 |
| C44 s7 (3B) | Energy Conserv., Alternative Energy Improvements | 1,945,043 | 0.169 |
| C659 Acts 1986 | BCH - Constr., Equipping, Furnishing | 26,945,000 | 2.343 |
| | | \$ 177,603,669 | 15.443 |
| <u>Urban Development:</u> | | | |
| C121B s20 | Urban Redevelopment and Renewal | \$ 9,057,067 | 0.788 |
| C1097 s11 Acts 1971 | Economic Development and Industrial Corp. | 4,380,340 | 0.381 |
| | | \$ 13,437,407 | 1.168 |
| <u>Schools:</u> | | | |
| C645 s8 Acts 1948 | School Project Loan | \$ 37,515,309 | 3.262 |
| C642 s7B Acts 1991 | Capital Improvements; Act of 1991 | 3,949,690 | 0.343 |
| C642 s7C Acts 1996 | Capital Improvements; Act of 1996 | 13,006,299 | 1.131 |
| | | \$ 54,471,297 | 4.736 |
| <u>Public Buildings:</u> | | | |
| C44 s7 (3) | Construction of Buildings; Acquisition Of Land | \$ 181,488,502 | 15.781 |
| C44 s7 (3A) | Remodeling and Extraordinary Repairs | 477,825,689 | 41.548 |
| C152, Act '97 | Convention Center Refunding Bond | 34,795,000 | 3.025 |
| C642 s7A Acts 1973 | Capital Improvements; Act of 1973 | 7,638,144 | 0.664 |
| C642 s7B Acts 1991 | Capital Improvements; Act of 1991 | 6,366,951 | 0.554 |
| C642 s7C Acts 1996 | Capital Improvements; Act of 1996 | 24,335,610 | 2.116 |
| | | \$ 732,449,896 | 63.688 |
| <u>Public Works:</u> | | | |
| C44 s7 (1) | Construct/Re-Construct of Surface Drains, Sewers, etc. | \$ 1,834,057 | 0.159 |
| C44 s7 (4) | Construction and/or Re-Construction of Bridges | 49,693,556 | 4.321 |
| C44 s7 (5) | Construction of Public Ways | 58,493,392 | 5.086 |
| C44 s7 (6) | Construction of Sidewalks | 6,192,477 | 0.538 |
| C44 s7 (7) | Construction of Walls or Dikes | 178,968 | 0.016 |
| C44 s7 (14) | Traffic Signal and Public Lighting Install., etc. | 44,447,080 | 3.865 |
| C44 s8 (4) | Reservoir Constr/Enlrg; Water Trmt Bldgs | 978,508 | 0.085 |
| C44 s8 (5) | Water Mains Laying, Re-Laying, Construct. | 4,143,600 | 0.360 |
| C44 s8 (7A) | Water Meter Purchase & Installation | 126,482 | 0.011 |
| C44 s8 (7C) | Water Dept. Equip.; Purchase, Replace., Rehab. | 942,950 | 0.082 |
| C44 s8 (24) C29C | Landfill; Closing, Opening, Improve. to (MWPAT) | 5,066,661 | 0.441 |
| | | \$ 172,097,731 | 14.964 |
| Grand Total = \$ | | 1,150,060,000 | 100.00 % |

**CITY OF BOSTON
BOND - GROSS DEBT SERVICE PAYMENTS**

@ April 30, 2013

- Stated in Five Year Intervals -
(\$ in thousands)

| DATE OF ISSUE | TYPE | AMOUNT ISSUED | @ 4/30/13 | | FY'19 through FY'23 | | FY'24 through FY'28 | | FY'29 through FY'33 | | @ 4/30/13 | |
|------------------|--------------|---------------|------------------|------------------|---------------------|------------------|---------------------|-----------------|---------------------|----------------|--------------------|------------------|
| | | | Principal | Interest | Principal | Interest | Principal | Interest | Principal | Interest | Principal | Interest |
| March 14, 2013 | GO | 109,095 | 33,580 | 20,614 | 31,955 | 12,631 | 21,290 | 6,012 | 22,270 | 2,088 | \$109,095 | \$41,345 |
| March 14, 2013 | GO/Dudley | 35,760 | 6,656 | 7,870 | 5,012 | 9,865 | 3,019 | 8,855 | 11,785 | 1,105 | \$35,760 | \$15,792 |
| March 14, 2013 | REF | 24,380 | 3,619 | 8,015 | 3,296 | 12,585 | 708 | 7,840 | 0 | 0 | \$24,380 | \$7,623 |
| October 12, 2012 | GO/Dudley | 28,865 | 5,390 | 4,350 | 3,158 | 7,480 | 1,896 | 9,050 | 685 | 685 | \$10,089 | \$28,865 |
| May 4, 2012 | BCH REF | 26,945 | 22,900 | 3,919 | 101 | 0 | 0 | 0 | 0 | 0 | \$26,945 | \$4,020 |
| April 2, 2012 | GO | 121,975 | 42,700 | 21,222 | 35,685 | 11,647 | 20,355 | 5,268 | 15,175 | 1,547 | \$113,915 | \$39,684 |
| April 2, 2012 | REF | 83,155 | 37,975 | 13,622 | 31,340 | 4,704 | 2,345 | 117 | 0 | 0 | \$18,443 | \$18,443 |
| April 1, 2011 | Conv Ctr Ref | 38,295 | 10,040 | 6,468 | 12,735 | 3,770 | 12,020 | 1,180 | 8,945 | 0 | \$34,795 | \$11,418 |
| April 1, 2011 | GO | 86,190 | 29,340 | 13,639 | 20,920 | 7,200 | 14,725 | 3,594 | 8,945 | 763 | \$73,930 | \$25,196 |
| April 1, 2011 | QSCB | 41,620 | 1,895 | 9,010 | 16,820 | 8,038 | 22,905 | 2,044 | 0 | 0 | \$41,620 | \$19,092 |
| April 1, 2011 | REF | 14,425 | 8,790 | 669 | 0 | 0 | 0 | 0 | 0 | 0 | \$8,790 | \$669 |
| April 1, 2010 | BAB | 30,905 | 0 | 7,505 | 8,945 | 7,110 | 15,430 | 4,021 | 6,530 | 524 | \$30,905 | \$19,160 |
| April 1, 2010 | GO | 39,995 | 18,145 | 3,425 | 5,615 | 596 | 635 | 103 | 235 | 13 | \$4,137 | \$4,137 |
| April 1, 2010 | QSCB | 17,415 | 0 | 4,423 | 6,970 | 4,256 | 10,445 | 1,093 | 0 | 0 | \$17,415 | \$9,772 |
| April 1, 2010 | Ref | 68,345 | 31,240 | 10,422 | 36,375 | 3,188 | 0 | 0 | 0 | 0 | \$67,615 | \$13,610 |
| April 1, 2010 | RZEDB | 16,685 | 6,715 | 3,214 | 6,600 | 1,476 | 2,520 | 564 | 850 | 68 | \$16,685 | \$5,322 |
| November 4, 2009 | QSCB | 20,000 | 0 | 0 | 0 | 0 | 20,000 | 0 | 0 | 0 | \$20,000 | \$0 |
| May 27, 2009 | REF | 31,485 | 25,635 | 2,400 | 0 | 0 | 0 | 0 | 0 | 0 | \$2,400 | \$2,400 |
| March 18, 2009 | GO | 100,000 | 26,980 | 14,984 | 22,245 | 8,738 | 21,585 | 4,049 | 4,740 | 225 | \$75,550 | \$27,996 |
| March 18, 2009 | REF | 8,940 | 4,485 | 1,726 | 4,435 | 177 | 0 | 0 | 0 | 0 | \$8,920 | \$1,903 |
| March 20, 2008 | GO | 126,185 | 31,820 | 19,524 | 27,655 | 11,966 | 30,730 | 4,760 | 0 | 0 | \$90,205 | \$36,250 |
| March 20, 2008 | REF | 28,155 | 5,390 | 312 | 0 | 0 | 0 | 0 | 0 | 0 | \$5,390 | \$312 |
| March 22, 2007 | GO | 100,000 | 26,320 | 8,150 | 4,030 | 3,548 | 17,750 | 1,658 | 0 | 0 | \$48,100 | \$13,356 |
| March 22, 2007 | REF | 85,425 | 34,090 | 15,774 | 49,285 | 4,562 | 0 | 0 | 0 | 0 | \$83,375 | \$20,336 |
| January 31, 2006 | GO | 80,000 | 15,460 | 1,859 | 0 | 0 | 0 | 0 | 0 | 0 | \$15,460 | \$1,859 |
| February 1, 2005 | GO | 75,000 | 11,435 | 1,082 | 0 | 0 | 0 | 0 | 0 | 0 | \$11,435 | \$1,082 |
| February 1, 2005 | REF | 52,775 | 24,940 | 2,800 | 0 | 0 | 0 | 0 | 0 | 0 | \$24,940 | \$2,800 |
| February 1, 2004 | GO | 65,000 | 3,630 | 181 | 0 | 0 | 0 | 0 | 0 | 0 | \$3,630 | \$181 |
| February 1, 2004 | REF | 35,870 | 4,880 | 366 | 0 | 0 | 0 | 0 | 0 | 0 | \$4,880 | \$366 |
| October 15, 1999 | MWPA | 13,389 | 3,840 | 948 | 1,695 | 87 | 0 | 0 | 0 | 0 | \$5,535 | \$1,035 |
| | | | \$477,635 | \$202,883 | \$349,820 | \$105,261 | \$243,025 | \$40,086 | \$79,580 | \$7,018 | \$1,150,060 | \$355,248 |
| | | | \$680,518 | \$455,081 | \$283,111 | \$96,598 | \$70,188 | \$86,598 | \$1,505,308 | | | |

% of Total Principal and Interest Retired in 5 Years: **41.5%**

% of Total Principal and Interest Retired in 10 Years: **57.1%**

% of Total Principal and Interest Retired in 15 Years: **71.9%**

% of Total Principal and Interest Retired in 20 Years: **93.1%**

% of Total Principal and Interest Retired in 25 Years: **100.0%**

CITY OF BOSTON - DEBT SERVICE REQUIREMENTS - FISCAL YEARS 2012 through 2018

| Gross Debt Service Requirements - Bonded Debt: | Actual FY12 | Projected FY13 | Projected FY14 | Projected FY15 | Projected FY16 | Projected FY17 | Projected FY18 |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Total Principal: | 97,265,000.00 | 100,135,000.00 | 104,395,000.00 | 113,465,000.00 | 121,180,000.00 | 126,850,000.00 | 130,785,000.00 |
| Total Interest: | 44,254,798.31 | 50,345,808.92 | 53,221,917.57 | 55,993,125.70 | 56,721,916.64 | 56,776,748.65 | 56,645,936.94 |
| (1) Total: | 141,519,798.31 | 150,480,808.92 | 157,616,917.57 | 169,458,125.70 | 177,901,916.64 | 183,626,748.65 | 187,430,936.94 |
| Less: Revenue Deemed Available from Related Sources: | | | | | | | |
| Boston Medical Center | 742,397.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Boston Public Health Commission | 661,374.13 | 527,203.26 | 211,477.71 | 182,393.13 | 0.00 | 0.00 | 0.00 |
| Water and Sewer Payments | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Premium, Subsidies, Other | 4,063,939.43 | 9,763,713.96 | 10,304,237.91 | 8,735,060.24 | 7,891,348.16 | 3,839,330.44 | 3,753,034.83 |
| Accrued Interest | 0.00 | 100,000.00 | 100,000.00 | 100,000.00 | 100,000.00 | 100,000.00 | 100,000.00 |
| (2) Irrigation Project | 231,495.12 | 223,246.26 | 214,914.96 | 206,501.24 | 199,022.83 | 190,284.93 | 116,364.90 |
| (3) 1010 Massachusetts Avenue Project | 1,809,579.00 | 1,856,743.00 | 1,886,304.00 | 2,285,656.00 | 2,265,029.00 | 2,220,937.00 | 2,168,217.00 |
| (4) Pension Management System | 2,443,307.13 | 2,693,958.90 | 1,858,098.43 | 1,858,296.67 | 1,859,214.08 | 1,859,140.89 | 1,857,900.22 |
| (5) Room Occupancy Excise Fund | 3,300,375.00 | 3,298,625.00 | 3,300,375.00 | 3,302,175.00 | 3,301,925.00 | 3,301,925.00 | 3,301,925.00 |
| Plus: Interest on Temporary Loan Notes and Additional Items: | | | | | | | |
| Revenue Anticipation | 0.00 | 1,075,280.00 | 3,000,000.00 | 3,000,000.00 | 3,000,000.00 | 3,000,000.00 | 3,000,000.00 |
| Cost of Issuance | 365,118.65 | 500,000.00 | 500,000.00 | 500,000.00 | 500,000.00 | 500,000.00 | 500,000.00 |
| Dudley Sq. Site / Sec. 108 | 505,000.00 | 505,000.00 | 505,000.00 | 505,000.00 | 505,000.00 | 505,000.00 | 505,000.00 |
| Sinking Fund for Nov., 2009 QSCB | 1,454,545.44 | 1,454,545.44 | 1,454,545.44 | 1,454,545.44 | 1,454,545.44 | 1,454,545.44 | 1,454,545.44 |
| School B.A.N.'s | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Debt Service/Budget Summary: | 130,591,994.84 | 135,552,123.98 | 145,201,055.00 | 158,247,588.86 | 167,744,923.01 | 177,574,675.83 | 181,593,040.43 |
| School Construction Assistance | 9,799,520.00 | 8,784,815.00 | 8,474,584.00 | 8,175,513.00 | 7,344,337.00 | 6,720,152.00 | 6,720,147.00 |
| Total Net Debt Service Requirements: | 120,792,474.84 | 126,767,308.98 | 136,726,471.00 | 150,072,075.86 | 160,400,586.01 | 170,854,523.83 | 174,872,893.43 |

Additional Adjustments:

Less:

NOTES:

- FY13 - the City issued:
 \$144.855 million in General Obligation Bonds with a 20-year maturity and an average coupon rate of 4.23%; closing date: March 14, 2013.
 \$24.380 million in General Obligation Refunding Bonds with a 13-year maturity and an average coupon rate of 3.63%; closing date: March 14, 2013.
 \$28.865 million in General Obligation Bonds with a 20-year maturity and an average coupon rate of 3.47%; closing date: October 12, 2012.
- Assumptions:
 FY14 - Assumes General Obligation debt issuance of \$140 million, plus \$37 million General Obligation debt issuance for the Dudley Project, each with a 20 year maturity and an interest rate of 4.5 %.
 FY15 - Assumes General Obligation debt issuance of \$140 million, with a 20 year maturity and an interest rate of 4.5 %.
 FY16 through FY17 - Assumes General Obligation debt issuance of \$120 million per year, each with a 20 year maturity and an interest rate of 5.0 %.
 FY18 - Assumes General Obligation debt issuance of \$120 million, with a 20 year maturity and an interest rate of 5.25 %.
- Debt Service Costs will be offset by the "Fund for Parks and Recreation".
- Debt Service Costs will be offset by charging City departments for the space they occupy.
- Debt Service Costs will be offset by semi-annual payments from the Retirement Board.
- On April 1, 2011, the City refunded the remaining balance of the April 15, 2002 Special Obligation Bonds for the Convention Center. Pledged revenues will be dedicated to the repayment of the debt service.

| |
|--|
| CITY of BOSTON RATE of PRINCIPAL RETIREMENT on GENERAL OBLIGATION BONDS |
|--|

Fiscal Years Ending June 30, 2013 - 2033
 @ APRIL 30, 2013

| <u>Fiscal Year Ended June 30,</u> | <u>Amount</u> | <u>Percentage of Total Principal Amount Retired:</u> |
|-----------------------------------|----------------------------|--|
| @ 4/30/13 | | |
| 2013 - 2018 | \$ 477,635,000.00 | 41.53 % |
| 2019 - 2023 | 349,820,000.00 | 30.42 % |
| 2024 - 2028 | 243,025,000.00 | 21.13 % |
| 2029 - 2033 | 79,580,000.00 | 6.92 % |
| | \$ 1,150,060,000.00 | 100.00 % |

