

Commonwealth of Massachusetts



FY2013-2017 Five-Year Capital Investment Plan

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Deval L. Patrick, Governor
Timothy P. Murray, Lt. Governor
Jay Gonzalez, Secretary of Administration & Finance



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Preface

Upon taking office in 2007, the Patrick-Murray Administration inherited a public infrastructure that had suffered a generation of underinvestment. Our roads and bridges, public colleges and university campuses, state hospitals and buildings all faced a maintenance backlog in the billions of dollars. And when the recession began in 2008, our ability to finance much-needed investments was challenged, even as the need for jobs increased.

The Patrick-Murray Administration's capital investment plan is designed to reverse decades of underinvestment, create jobs now and set the stage for a better economic future. This is accomplished by investing in public higher education, supporting our innovation industries and strengthening our infrastructure. At the same time, we have responsibly constrained the Commonwealth's borrowing through the first-ever Debt Affordability Policy.

In this, the sixth Patrick-Murray Administration five-year capital investment plan, we are pleased to report on the accomplishments of the last five years and our planned investments over the next five years.

We have invested in higher education, with projects currently underway or completed at 26 of the 29 public campuses, including laboratory facilities at the University of Massachusetts (UMass) Boston, UMass Lowell, UMass Amherst, Bridgewater State, Fitchburg State, Framingham State and Mass College of Liberal Arts; libraries at UMass Dartmouth, Salem State and Mass Maritime Academy; and classrooms at UMass Amherst and UMass Boston.

We have also strengthened our commitment to community colleges. In this plan, we announce five new community college projects which provide students with strong educational foundations and relevant workforce training opportunities that will prepare them for success in the local job market and/or further academic study.

We have supported our innovation industries, continuing Governor Patrick's commitment to support the life sciences with \$500 million of capital investment over ten years, including completion of the Sherman Center at UMass Medical School, UMass Dartmouth's biomanufacturing facility and UMass Lowell's Emerging Technology and Innovation Center, supporting cutting-edge nanotech research.

We have strengthened our infrastructure by repairing or replacing aging state facilities, roads and bridges, and we are working to provide broadband communication to the 123 cities and towns in Massachusetts that previously did not have high-speed internet.



Through the nation-leading Accelerated Bridge Program, we have reduced the number structurally-deficient bridges by almost 20%, and 17,000 jobs created have been created throughout the state. In this plan, we apply the same approach to energy efficiency at state facilities.

The new Accelerated Energy Program is a three-year initiative to “green” 700 sites in 700 working days encompassing over 4,000 state buildings throughout the Commonwealth. This program will create thousands of clean energy job opportunities across the Commonwealth and save over \$40 million annually through the conservation of energy and water.

The Patrick-Murray Administration’s capital investments have been ambitious and responsible. Through the state’s first-ever Debt Affordability Policy, we have limited new borrowing in a manner that has allowed us to both increase our level of investment, while improving the state’s credit. Massachusetts’ bond ratings are currently Aa1/AA+/AA+ by Moody’s, Standard & Poor’s, and Fitch, respectively – the highest ratings in the Commonwealth’s history.

Over the last five years, the Patrick-Murray Administration has done much to address the Commonwealth’s capital needs, improving the quality of life for our residents, the state’s economy, and the efficiency of our government. In this document, we present our plan for the next five years. Our plan continues to be ambitious, responsible, and focused on creating jobs now and in the future. While this plan represents the best use of the Commonwealth’s limited financial capacity, reversing decades of underinvestment and neglect will take more effort. Over the coming months, the Patrick-Murray Administration looks forward to working with the citizens of the Commonwealth and the Legislature on implementing this capital plan, and charting a path toward a sustainable future.



Introduction

The Commonwealth is responsible for maintaining a large inventory of capital assets, including transportation infrastructure, courts, correctional facilities, state hospitals, office buildings, parks and more. In addition, the Commonwealth makes targeted capital investments to support economic growth, strengthen communities and improve the quality of life in the Commonwealth. These investments include funding for public infrastructure to support private development and job growth, local infrastructure improvements and protection of our natural resources.

These capital investments are planned and funded through the Commonwealth's capital budget, which is separate and distinct from the annual operating budget. The capital budget is primarily funded by borrowing through the issuance of bonds. There are certain other sources of funding for the capital budget, the largest of which is federal funds, primarily to reimburse transportation infrastructure improvements. From fiscal year 2009 through 2012, the American Recovery and Reinvestment Act of 2009 ("ARRA") provided additional federal funds which targeted to specific capital purposes.

The issuance of bonds to fund the capital budget must be authorized by the Legislature. Pursuant to these legislative authorizations to borrow, the Governor determines the amount and timing of any authorized borrowing to fund capital investments. At the request of the Governor, the State Treasurer issues the bonds to borrow the funds. The Governor approves the use of the borrowed funds by agencies to pay for authorized and budgeted capital projects.

The primary factor constraining the amount of the Commonwealth's capital budget is affordability. The Commonwealth must pay principal and interest costs each year on the bonds it issues to fund its capital investment program. These annual debt service expenses on outstanding Commonwealth bonds are funded each year in the Commonwealth's annual operating budget. The Patrick-Murray Administration is the first to develop and publish an analysis of the amount of debt the state can afford in terms of its impact on debt service and the operating budget, and it is the first to develop a policy for determining the annual borrowing amount to fund the capital budget. This debt affordability analysis and policy, as updated to reflect current market and economic conditions, is included as Appendix A.

There are certain capital investments that are not funded by the Commonwealth through its capital budget and consequently are not reflected in this capital investment plan. There are a number of independent state authorities responsible for maintaining certain public infrastructure from revenues generated from those infrastructure assets or from dedicated state tax or other revenues that are not available to the Commonwealth for general budgeting purposes. Examples of these entities include the Massachusetts Bay Transit Authority, the Massachusetts Housing Finance Authority and the Massachusetts School Building Authority. Because these entities carry out their own capital projects and are solely responsible for financing them from their own funding sources, the capital investments made by these entities are not included in the state's capital investment plan. In addition, certain equipment purchases and information technology projects funded by state agencies through their operating budgets are not reflected in the capital investment plan.



Administration Accomplishments and Initiatives

Despite the overwhelming need for capital investments and the limited resources available to fund them, the Patrick-Murray Administration has made great progress in improving the Commonwealth's capital investment program since taking office in January 2007. The following highlights summarize some of the Administration's accomplishments in the areas of capital investments and capital finance generally.

First-Ever Debt Affordability Policy - The Patrick-Murray Administration developed and published the first-ever debt affordability policy, which has been positively reviewed by credit rating agencies. This analysis has been updated annually and the current analysis is presented in Appendix A.

First-Ever Five-Year Capital Investment Plan - The Administration published the first-ever comprehensive and transparent five-year capital investment plan based on the new debt affordability policy. This report represents the Administration's sixth annual five-year capital investment plan and has been developed within the parameters set forth in the debt affordability policy.

Bond Bills - After publication of its first five-year capital investment plan in the summer of 2007, the Governor filed a series of multi-year bond bills authorizing over \$16 billion in capital investments that, together with the \$1.8 billion Immediate Needs Bond Bill passed earlier in 2007, reflected the capital investment priorities for the Commonwealth included in the five-year plan. The legislature overwhelmingly approved each of the bond bills. In August 2010, the Governor signed into law an economic development bill that included new bond authorization for certain economic development programs. In 2011 and 2012, the Governor approved two \$200 million bond bills for local Chapter 90 road and bridge construction, and in 2012, an additional \$885 million in bond authorization to continue transportation projects through FY2013 and leverage federal funding. At this point, some of the bond authorization will be soon exhausted and the Administration will be seeking additional authorization over the next year. The bond bills are described in more detail in Appendix B.

Completion of Key Projects - A number of important new capital projects and programs have been initiated and completed by the Administration, including: the new Worcester Recovery Center project, the Emerging Technologies and Innovation Center at the Lowell campus of the University of Massachusetts, new courthouses in Taunton, Salem and Fall River, the Corrections Master Plan and many more. The Administration also initiated and continues to work on the Green Line Extension, South Coast Rail and the Accelerated Bridge Program. These and many other capital investment project highlights are described later in this report in the respective investment category sections.

Accelerated Bridge Program - The Administration, working with the legislature and the Treasurer, developed a \$3 billion Accelerated Bridge Program which is repairing hundreds of structurally-deficient bridges, creating new construction jobs, building conditions for long-term economic growth and saving the Commonwealth hundreds



of millions of dollars in avoided construction cost inflation and deferred maintenance costs. This program is well underway and is discussed in more detail in the Transportation section of this report.

State Facility Maintenance - The Administration has taken steps to improve maintenance and accessibility of state facilities. Funding in the capital budget is dedicated for small capital maintenance and repair projects. By dedicating more funding to these types of projects, the state will defer less of its capital investment needs and avoid larger, more expensive capital project needs in the future. The funding for these projects is allocated based on a need-based evaluation process through the Division of Capital Asset Management and Maintenance (DCAM). The Administration is committed to building on its efforts to improve the maintenance and accessibility of state facilities.

Energy Efficiency Requirements for State Building Projects - Governor Patrick issued Executive Order 484 which, among other things, established the Governor's "Leading By Example Program" requiring that all state agencies reduce their environmental impact by promoting energy conservation and clean energy practices. The Administration has also set high minimum "green building" standards for all new state building projects and aims to go above and beyond such standards wherever possible, including plans for certain buildings to be "energy neutral".

Clean Energy Investment Program – In January 2010, the Governor created the Clean Energy Investment Program as a means to affordably finance energy efficiency and renewable energy improvements to state facilities. These investments are crucial to achieving the goals of Executive Order 484.

Accelerated Energy Program – In this capital investment plan, the Patrick-Murray Administration has taken its commitment to energy efficiency use one step further with the launch of the Accelerated Energy Program. Modeled on the highly-successful Accelerated Bridge Program, and using the innovative funding mechanism of the Clean Energy Investment Program as well as assistance from energy utilities, the Accelerated Energy Program will "green" 700 sites in 700 working days.

Innovative Financing Initiatives – In addition to the Clean Energy Investment Program mentioned above, the Administration has pursued various other financing initiatives to more effectively leverage state resources to fund more capital project needs. These initiatives include: increased allocation of private activity bond volume cap to multi-family affordable housing projects to leverage related federal tax credits to fund millions of dollars of affordable housing projects, including improvements to our public housing supply; "I-Cubed" legislation to finance infrastructure improvements needed to support new private development with the new state tax revenues generated from the development; and the financing of the East-West Parkway project at the former South Weymouth Naval Air Base from new state tax revenues to be generated from private development at the base.



Oversight and More Transparency through the State Finance and Governance Board (formerly the Finance Advisory Board) - Through new gubernatorial appointments, staff support provided by the Executive Office for Administration and Finance (A&F), and greater oversight responsibilities included in recent legislation, the Administration has strengthened the role of the this board. With these improvements, the board ensures transparency, accountability and best practices among state entities that borrow, invest and manage public funds. In furtherance of promoting transparency, accountability and best practices, the Board has adopted regulations with respect to debt issuance and derivative transactions. In the context of the turmoil in the financial markets since 2008, this oversight is critical to ensure public confidence in the sound management of public funds.

Creation of MassWorks Infrastructure Program – The Administration created the MassWorks Infrastructure Program to consolidate state infrastructure grant programs that support economic development and to provide one-stop shopping for municipalities seeking to participate in these programs. This program coordinates state review of applications and decision-making.

American Recovery and Reinvestment Act of 2009 (ARRA)

Closely aligned with Governor Patrick’s priorities and initiatives, the federal American Recovery and Reinvestment Act of 2009 (ARRA) was enacted to preserve and create jobs and promote economic recovery; to assist those most impacted by the recession; to provide investments needed to increase economic efficiency by spurring technological advances in science and health; to invest in transportation, environmental protection and other infrastructure that will provide long-term benefits; and to stabilize state and local government budgets.

The Recovery Act has given Massachusetts the ability to fund \$7.5 billion in awards for projects throughout the Commonwealth. ARRA contributed to Governor Patrick’s job creation priority by putting 96,841 individuals to work on ARRA-funded projects since February 17, 2009. While significant ARRA funds have been critical in supporting state and local operating budgets, preserving healthcare, education and other vital safety net services, the Commonwealth also targeted ARRA funds for infrastructure investments which supplemented the Commonwealth’s fiscal years 2009 through 2012 capital budgets. Committed ARRA capital program funds for the Commonwealth included:

- Housing-related ARRA funds went to cleaning up properties in troubled neighborhoods, helping create new affordable housing, making homes more energy-efficient and supporting community development projects. Massachusetts received commitments of over \$291 million in housing and community development ARRA funding. The Recovery Act has weatherized over 20,000 homes, exceeding its initial goal of weatherizing 17,000 homes by the end of the program. Along with weatherizing homes, the program has provided over 3,000 people with ARRA-funded paychecks. ARRA helped kick start a number of stalled housing projects. In Wareham, for example, ARRA created an affordable housing project with 49 units



that helped low-income families and created construction jobs for the economy. The Recovery Act also allowed the Metropolitan Boston Housing Partnership to house 307 families, divert 35 families from homelessness and provide prevention resources to 92 families. ARRA funding has had a major impact on creating and maintaining housing across the Commonwealth.

- Transportation-related federal stimulus funds were directed toward "shovel-ready" state-wide road and bridge projects across the Commonwealth. Massachusetts received a commitment of \$437.9 million over four years for transportation projects from the Recovery Act. \$59.6 million was designated for transit-related projects, with the balance being used for road and bridge projects. One of the transit projects is the John W. Oliver Transit Center in Greenfield, which is now main transit center for the entirety of the Franklin County area. The facility is also a new Amtrak Vermonter high speed train station, and is the first public zero-net-energy transit building in the country. Additionally, 287 people have been paid through an ARRA-funded paycheck on this project which will be the hub of Franklin County's transportation program for years to come. In southeastern Massachusetts, the Fall River – Freetown Interchange is one of the largest, landmark ARRA projects. The project created a new interchange between exits 8 and 9 on Route 24 in Freetown and has helped reduce congestion for travelers. The project had 240 workers who received an ARRA paycheck and was completed on schedule in less than two years thanks to MassDOT's expedited design/build approach to construction.
- Energy-related ARRA funds were designated to increase energy efficiency, reduce energy costs and consumption and reduce reliance on imported energy. Massachusetts has managed \$55 million of ARRA funds under the State Energy Program. Projects that received funding included energy efficiency and renewable energy projects, such as solar and wind projects located at state office buildings and higher education facilities. Funding also went to projects such as the Boston Housing Authority's Armory Street Elderly/Disabled Housing Development which has created the largest solar hot water heating installations in the state. This 96-panel installation will cut the development's hot water costs by 40% or roughly \$13,000 a year. Additionally, funding went to the Castle Square Apartment Development, an ambitious project of a 500-unit affordable housing development with the aim of drastically reducing utilities bills. The project created 200 jobs, reduced overall energy consumption by 72% and decreased the annual utility costs for the entire development by \$227,578.
- Massachusetts received \$177.8 million under the Clean Water and Drinking Water State Revolving Fund through the U.S. Environmental Protection Agency (EPA). By distributing the funds to cities and towns as low-interest loans with 9% principal forgiveness, Massachusetts was able to leverage its State Revolving Fund allocation to finance \$770 million worth of construction in the Commonwealth – more waterworks construction than any other state in the nation. Through this assistance the Pittsfield Wastewater Treatment plant was able to fund the installation of a solar photovoltaic array, a combined heat and power system, an aeration system upgrade and the replacement of the plant's bar-rack filtration system. This project has



reduced the plant's energy costs by about 35% to 50%, saving the plant hundreds of thousands of dollars a year.

- The Commonwealth was awarded \$45.4 million in ARRA funding to expand broadband access in Western and North-Central Massachusetts. The Patrick-Murray Administration worked closely with federal and state elected leaders to help secure this significant federal award and dedicate Commonwealth bond funds, which will support long term economic growth, improve health care and education and strengthen public safety throughout the region. The Massachusetts Broadband Institute worked with Governor Patrick to create a 1,300-mile internet backbone network that will expand broadband to Western and North-Central Massachusetts, and provide direct connections to over 1,300 schools, hospitals, libraries and public safety facilities.

In addition to directly funding capital projects, ARRA also provided for the use of new or expanded tax credit bonds as alternative means of financing projects that are typically financed with traditional tax-exempt bonds issued by state and local governments. The Commonwealth created robust programs under the Recovery Zone Bonds, Clean Renewable Energy Bonds, Qualified School Construction Bonds and Qualified Energy Conservation Bonds programs and selectively used these programs when they provided a clear economic advantage over traditional tax-exempt bond financings.

Development of the FY13-17 Capital Investment Plan

The Fiscal Year 2013-2017 (FY13-17) Capital Investment Plan represents the sixth five-year plan since the Patrick-Murray Administration took office. As with the prior plans, the Administration engaged in a diligent, fiscally responsible and comprehensive process for developing this five-year capital investment plan. One common challenge shared by each of the previous five-year plans is the fact that demand for capital improvements far exceeds affordable funding capacity. The inevitable consequence is that many worthy projects will not receive funding.

In order to establish the total amount of the bond-funded capital program within an affordable level, the Administration conducted a rigorous review of the Commonwealth's debt capacity within its debt affordability policy. The debt affordability analysis underlying the FY13-17 Capital Investment Plan is attached as Appendix A.

Over 85 percent of the bond-funded FY13 capital investment plan is needed to fund previously-made commitments, including ongoing construction contracts, investments needed to leverage federal funds, legal commitments and personnel needed to carry out capital programs. This high level of commitments leaves limited budget capacity to start new projects in FY13.

The entire FY13 capital investment plan is presented in detail in Appendix C and descriptions of each project or program are included in Appendix D. The highlights of



the FY13-17 capital investment plan are provided in the discussions of investment categories below.

Affordability and Fiscal Responsibility

Because the capital program is funded primarily through bond proceeds, the total size of the capital program is determined primarily by the amount of debt the Commonwealth can afford to issue. Annually, the Executive Office for Administration and Finance (A&F) has established what is known as the “bond cap” as an administrative guideline for annual bond issuance in support of the capital program. For the sixth consecutive year, the Patrick-Murray Administration engaged in a rigorous analysis of the state’s outstanding debt to determine the affordable level of bond issuance. Based on this analysis, the Administration has established the FY13 at \$1.875 billion, \$2.0 billion for FY14, and \$2.125 billion for FY15 and beyond. A complete description of the Administration’s debt affordability analysis and policy is attached as Appendix A.

For purposes of its analysis of existing payment obligations, A&F takes into account not only debt service on general obligation bonds, but also debt service on certain special obligations, contract assistance obligations and certain capital lease payments. Although the Accelerated Bridge Program is being carried out in addition to the regular capital program in order to achieve savings from avoided cost inflation and deferred maintenance and to achieve the other objectives of the program, the debt service resulting from the bridge program is also taken into account within the 8% limit under the debt affordability analysis. (See description of the Accelerated Bridge Program, below.)

A&F also takes a conservative approach to projecting future budgeted revenues, basing its growth estimate on the lesser of 3% or the actual compound annual growth rate of the Commonwealth’s revenues over the last ten years – which included both economic booms and downturns. A&F models future debt issuance using fiscally conservative assumptions about interest rates, maturities, dates of issuance and market conditions.

Based on this analytic approach, A&F has projected the Commonwealth will have the capacity to accommodate steady increases in the bond cap over the next three years – albeit at lower base levels than planned prior to the recession – while maintaining the percentage of the Commonwealth’s budgeted revenues needed to pay debt service during that period comfortably below 8%.

The Patrick-Murray Administration intends to limit the total amount of virtually all future bond-funded capital projects to the bond cap. As described in Appendix A, however, there are certain, limited circumstances in which the Administration plans to undertake borrowing outside the bond cap when there is a sound policy justification for doing so. For example, there are certain projects for which a dedicated stream of new,



project-related revenues or savings can be identified to support debt service costs related to those projects.

The debt affordability analysis methodology is based on the Commonwealth's current available financing resources and mechanisms; changes in financing structures and resources in the future may impact how A&F examines the administrative bond cap and the state's capacity for additional borrowing. The Administration plans to revisit the debt capacity and affordability analysis every year, revising its estimates for future years by taking into account fluctuations in interest rates, budgeted revenues and other changes impacting the Commonwealth's debt capacity. In addition, the Administration will annually assess the appropriateness of the methodology and constraints for establishing the bond cap described above.

Impact of Capital Budget on the Operating Budget

Each year, as part of the annual development of the capital investment plan, the Executive Office for Administration and Finance evaluates the operating budget impacts for all requested projects. This year the Administration has taken steps to better evaluate the impact of capital investments on the operating budget. Starting in FY13, before investing in new IT projects, a private IT investment consultant will forecast the project's return on investment and long term operating impact. (More detail about this initiative can be found in the Information Technology capital investment category.)

Every state government capital spending request must show the incremental on-going annual operating costs/savings that are expected to be incurred upon completion of the project. Decisions on whether to fund the capital projects depend on A&F's assessment of not only the programmatic need for the project, but also the affordability of the related operating costs. The following capital budget construction projects are expected to result in an FY13 operating budget impact that exceeds \$500,000 per year:

- Hampden Sheriff's Department - Western MA Women's Correctional Facility
- New Middlesex Courthouse Project
- Greenfield Trial Court Project
- Worcester Recovery Center and Hospital
- Worcester State University - Wellness Center
- Framingham State University Hemenway Hall Science Center Modernization
- Bridgewater State University - Conant Building Modernization
- UMass Lowell - South Campus Academic Facilities
- Fitchburg State University - Science Facility Modernization
- UMass Amherst - New Academic Classroom Building
- UMass Amherst - New Laboratory Science Building
- UMass Boston - New Integrated Science Building

In addition, for construction projects that are starting study in FY13, those studies will project the operating cost impact and will be reported to A&F over the year. When



agencies are preparing their annual budget requests during A&F's spending plan process they are asked that the additional operational costs associated with capital projects are reflected in their projected funding requirements.

Aggregate FY13-17 Capital Investment Plan

The full five-year capital investment plan by major investment categories is presented below. All specific projects and programs expected to be funded in FY13 are identified in Appendix C, and descriptions of all of these projects and programs are included in Appendix D. It should be noted that many of the projects funded in FY13 are multi-year projects with costs that will be incurred in subsequent fiscal years; these projected future costs have been taken into account in making investment category reservations for future years. It is also important to note that projects will evolve and change, and A&F intends to adjust the capital investment plan during the fiscal year as circumstances dictate. Each new fiscal year, A&F will also undertake a formal reassessment of capital investment needs to develop an annual update to the five-year capital investment plan.

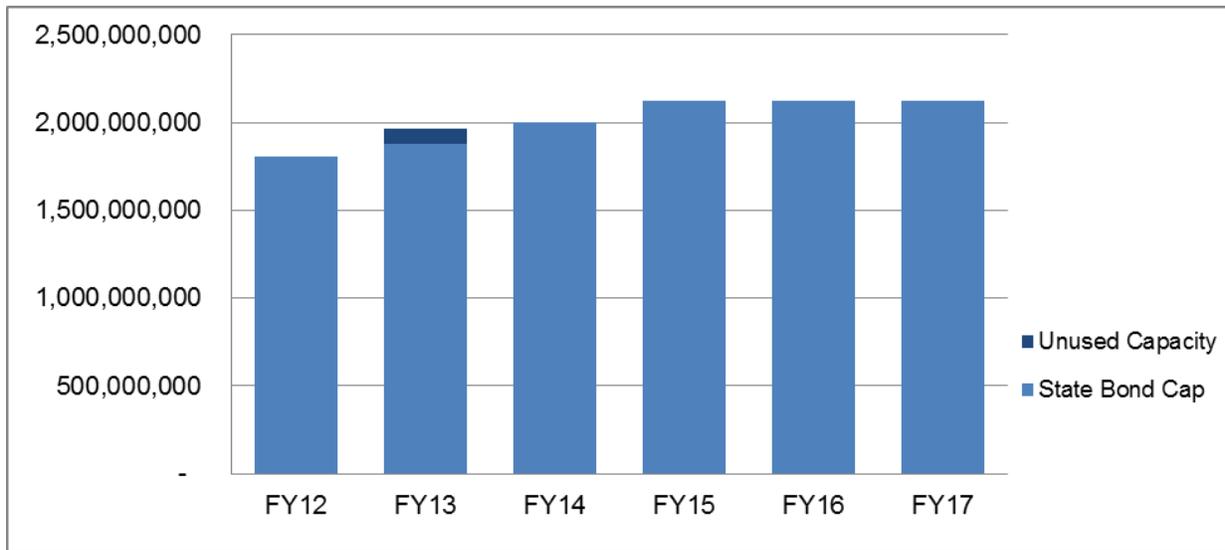


Commonwealth of Massachusetts
Five-Year Capital Investment Plan – FY2013-2017

Total Bond Cap by Year and by Major Investment Category

The following table and chart show the allocation of bond cap spending by year and then by major investment category. Note that FY13 includes \$93 million in unused capacity from the prior fiscal year. The Administration has conservatively constrained the bond cap in FY16 and FY17 at the FY15 level. Future debt affordability analysis may show sufficient revenue growth to allow increased bond cap in future plans.

FY13-17 Capital Investment Plan
Total Bond Cap



FY13-17 Capital Investment Plan
Total Bond Cap (In thousands)

	FY13	FY14	FY15	FY16	FY17	Five Year Total	% of 5-Year Total
Community Investments	291,743	285,456	277,117	273,286	273,212	1,400,813	14%
Corrections	37,384	55,350	56,500	63,500	76,500	289,234	3%
Courts	20,170	75,874	127,674	147,674	114,168	485,558	5%
Economic Development	138,240	128,920	138,500	150,000	148,000	703,659	7%
Energy And Environment	167,141	159,329	114,179	86,346	87,346	614,340	6%
Health And Human Services	27,582	37,615	69,575	75,400	102,000	312,172	3%
Higher Education	177,420	259,928	293,172	287,700	281,900	1,300,121	13%
Housing	179,500	169,500	169,500	169,500	169,500	857,500	8%
Information Technology	174,380	101,973	118,822	120,897	119,614	635,685	6%
Public Safety	28,083	37,530	66,780	66,930	51,180	250,503	2%
State Office Buildings	73,553	64,103	72,835	58,951	68,056	337,497	3%
Transportation	652,959	624,423	620,348	624,817	633,525	3,156,072	31%
Total Bond Cap	1,968,155	2,000,000	2,125,000	2,125,000	2,125,000	10,343,155	

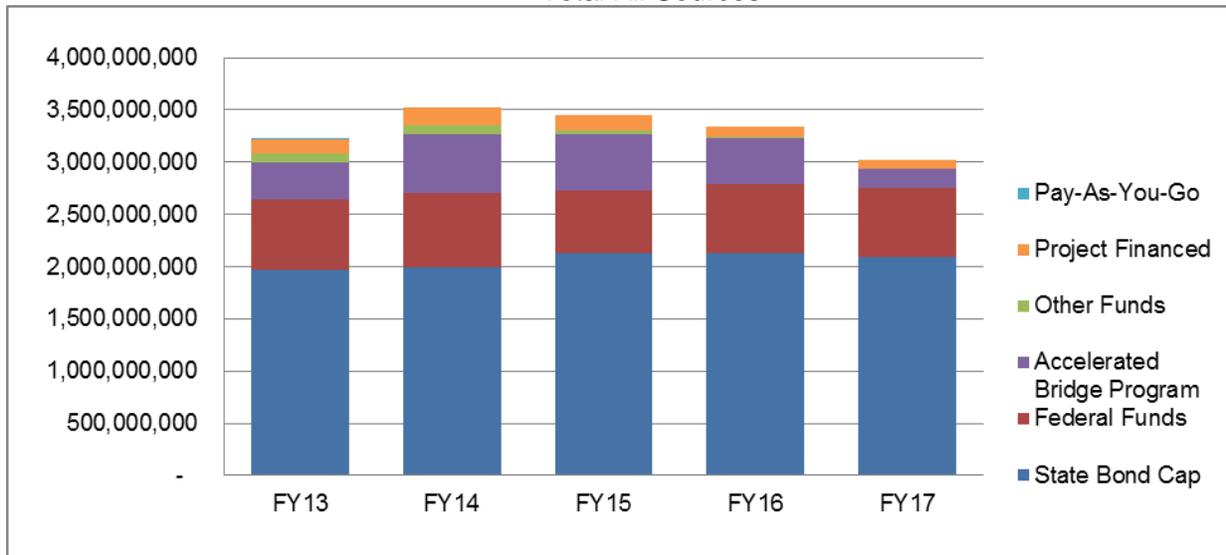


Commonwealth of Massachusetts
Five-Year Capital Investment Plan – FY2013-2017

Total Capital Spending by Year and by Major Investment Category

The following table shows the allocation of total capital spending from all sources by year and source and then by major investment category. A description of the sources of funding follows.

FY13-17 Capital Investment Plan
Total All Sources



FY13-17 Capital Investment Plan
Total All Sources (In thousands)

	FY13	FY14	FY15	FY16	FY17	Five Year Total	% of 5-Year Total
Community Investments	322,719	314,847	304,517	300,286	300,612	1,542,980	9%
Corrections	37,384	55,350	56,500	63,500	76,500	289,234	2%
Courts	20,170	75,874	132,674	162,674	119,168	510,558	3%
Economic Development	188,153	153,920	163,500	175,000	173,000	853,573	5%
Energy And Environment	266,791	287,279	221,129	143,296	132,546	1,051,040	6%
Health And Human Services	30,982	40,000	88,600	103,600	106,000	369,182	2%
Higher Education	247,720	326,071	309,872	290,700	285,400	1,459,763	9%
Housing	179,500	169,500	169,500	169,500	169,500	857,500	5%
Information Technology	236,744	210,945	177,923	177,040	139,811	942,462	6%
Public Safety	39,923	51,730	72,577	66,930	51,180	282,340	2%
State Office Buildings	73,553	64,103	72,835	58,951	68,056	337,497	2%
Transportation	1,630,874	1,776,138	1,686,300	1,647,732	1,430,563	8,171,607	49%
Total Bond Cap	3,274,513	3,525,755	3,455,925	3,359,209	3,052,335	16,667,737	



Description of Sources of Funds

- *State Bond Cap* – Commonwealth borrowing to support the regular capital program.
- *Federal Funds* – Federal reimbursements for capital expenditures.
- *Other Funds* – Contributions made by third-parties to capital projects being carried out by the Commonwealth.
- *Project Financed* – Self-supporting bonds payable by the Commonwealth from a new stream of project revenue, including the CEIP program where Commonwealth bonds are payable with savings to be achieved as a result of energy efficiencies.
- *Pay-As-You-Go* - Funding from current revenue for capital projects. In Appendix C, this Pay-As-You-Go is shown in the other funds category.
- *Accelerated Bridge Program (ABP)* – Commonwealth special obligation bonds secured by revenues credited to the Commonwealth Transportation Fund or federal grant anticipation notes issued to fund the Accelerated Bridge Program. In Appendix C, this ABP is shown in the other funds category.



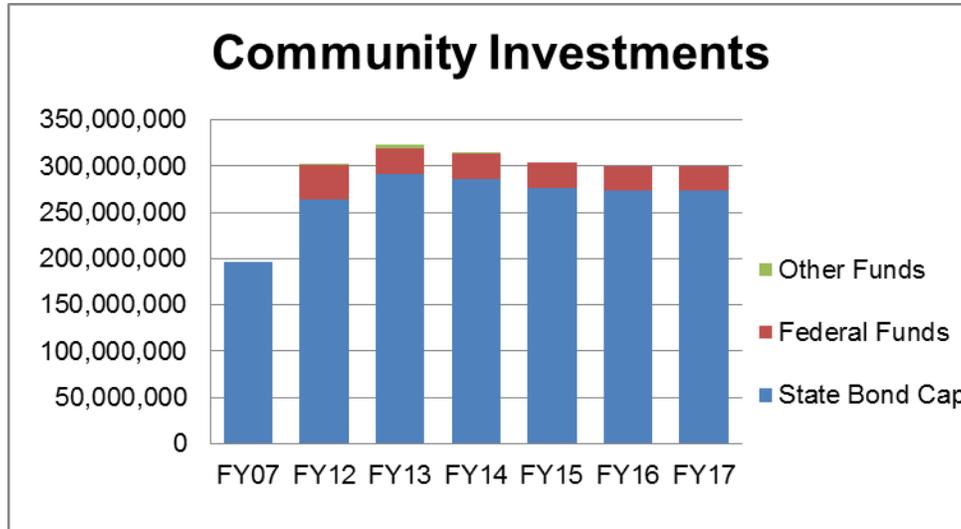
Capital Investments by Category

The five-year capital investment plan for each investment category is presented below with the Administration’s goals, accomplishments and highlights of fiscal year 2013 investments.

Community Investments

The Patrick-Murray Administration is committed to partnering with Massachusetts cities and towns to improve infrastructure, promote economic growth and make Massachusetts a convenient and attractive place to do business. The Administration is also committed to supporting municipal grant programs that make important local investments in public safety, affordable housing, smart growth development strategies and energy efficiency. Additional investments in historical, educational and recreational facilities will increase our residents’ quality of life and encourage tourism throughout the Commonwealth.

The following graph reflects the Administration’s estimated capital investment in community development projects and programs over the next five years, as compared to fiscal years 2007 and 2012 community development related spending.



Policy Goals

- 1. Subsidize Local Road and Bridge Maintenance Costs.** Through the Chapter 90 program, the Department of Transportation assists cities and towns in maintaining their local roads.



2. **Invest in Gateway Cities.** The Gateway Cities initiative aims to increase economic opportunities, foster and strengthen civic engagement and revitalize neighborhoods through targeted education and workforce development initiatives, increased diversity of housing options and investment in infrastructure.
3. **Provide Relief to Water and Sewer Ratepayers.** Through the provision of low cost capital financing to cities, towns and other eligible entities, the Commonwealth improves water quality and provides relief to ratepayers.
4. **Improve Local Resources and Promote Tourism.** The Commonwealth will develop the commercial maritime resources, contribute to library projects, boost historic preservation projects and improve facilities for 56 cultural organizations.

Administration Accomplishments to Date

- The Patrick-Murray Administration has provided a record level of Chapter 90 local road aid for cities and towns by currently providing \$200 million a year in aid compared to \$120 million when the Governor took office.
- The Administration has invested \$55 million in funding for 18 public library construction projects across the Commonwealth. Since 2008, these projects have generated approximately 740 jobs each year.
- Since 2006, the Water Pollution Abatement Trust has financed \$2.1 billion in approximately 550 construction loans to 172 cities, towns and authorities, which has created an estimated 12,597 construction jobs. The Trust has also distributed \$176 million in federal stimulus funding to construction projects to create jobs, jumpstart the economy and promote Massachusetts' "green" infrastructure. This federal funding is estimated to have created 1,058 jobs.
- The Seaport Council has supported \$50 million in investments to the coastal communities of Massachusetts. Over 95 seaport projects have been funded since the beginning of the Patrick-Murray Administration.
- The Administration has supported 137 completed historic preservation grant projects in 80 communities.
- Since the beginning of the Administration, the Cultural Facilities Fund has made 335 grants totaling \$50 million to cultural facilities for projects located in 86 cities and towns across the Commonwealth. A recent survey of grantees found that grantees employ more than 7,700 full-time equivalent employees.

FY13 Highlights

- The capital investment plan invests \$200 million for Chapter 90 municipal road and bridge projects. This is an \$80 million increase over the annual funding level when the Patrick-Murray Administration took office.



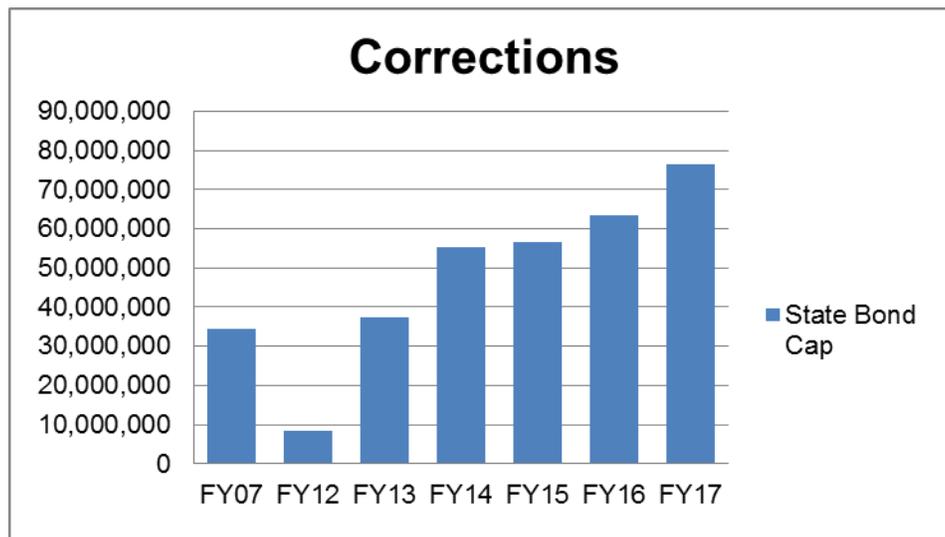
- The Patrick-Murray Administration announced \$41.8 million in grants to support 8 new library construction projects through an expansion to the Public Library Construction Program.
- The Boston Public Market project will convert a vacant state building adjacent to the Rose Kennedy Greenway into a public market to offer a variety of local and culturally significant food products. This project will create 100 construction jobs and 200 permanent jobs.
- The Administration will contribute \$5.4 million in FY13 for the Springfield Union Station Parking Garage. A 480-space parking garage will be constructed in conjunction with the proposed development of the Union Station Regional Intermodal Transportation Center, a \$45 million project with multiple funding sources.
- The capital investment plan invests \$2 million for the construction of the Westfield section of the Columbia Greenway Bike Trail.
- Governor Patrick has announced a \$5.6 million grant toward a public/private partnership to construct a \$15.8 million ice rink and recreation center at Jackson Square in the Roxbury neighborhood of Boston. This project is part of a \$104 million rehabilitation of the neighborhood. When completed, this facility will provide safe, supervised recreation for youths in Roxbury and Jamaica Plain, and will be operated by a private, nonprofit organization requiring no ongoing public subsidy.
- The Commonwealth will aid Worcester and surrounding communities with \$1.5 million in capital funding in FY13 for reforestation efforts after the longhorn beetle infestation forced communities to cut down trees.



Corrections

The Department of Corrections operates 18 institutions with five security levels ranging from contract pre-release to maximum security. These facilities house over 10,000 criminally sentenced inmates in the jurisdiction of the Department of Corrections, 650 incarcerated as civil offenders and 575 pre-trial or awaiting trial offenders. In addition to the correctional facilities managed by the Department of Corrections, the Commonwealth has 18 jails, houses of correction and related correctional facilities located in 14 Massachusetts counties and managed by sheriffs.

The following graph reflects that Administration's estimated capital investment in corrections capital projects over the next five years, as compared to fiscal years 2007 and 2012 corrections related spending. With the release of the Corrections Master Plan, the Administration plans to increase funding for corrections projects over five years.



Policy Goals

- 1. Alleviate overcrowding.** The Corrections Master Plan (CMP) makes a series of proposals to update existing facilities to add capacity and build targeted new investments. The Administration will update population projections based on sentencing reform to better assess the future need.
- 2. Reduce recidivism.** Rehabilitation and reintegration of offenders back into the community is critical to public safety and can decrease the projected incarcerated population. Disrupting the cycle of incarceration can most effectively be achieved by providing facilities and programs that provide effective support services to inmates while incarcerated as they prepare to return home. Additionally, strengthening existing stakeholder partnerships while cultivating new relationships with key community service providers will create a continuum of



- support services to inmates helping to ensure their successful and sustainable transition back to a crime free life at home.
3. **Maximize existing resources.** To maximize resources with limited funding, the Commonwealth is identifying the best use of existing facilities and identifying which entity is best suited for particular functions within the existing system.
 4. **Create a more integrated, efficient and cost-effective corrections system.** By considering the system as a whole and establishing more resource-sharing, a more integrated, flexible and effective system with potential cost-savings can be realized.

Administration Accomplishments to Date

- In 2012, Governor Patrick signed a balanced sentencing reform bill that will allow as many as 600 non-violent drug offenders to become immediately eligible for parole and eliminate parole eligibility for certain three-time violent offenders. In the long run, sentencing reform will help to mitigate the overcrowding problem and reduce the need for the Commonwealth to build new facilities, which was previously estimated to cost \$1.3 billion to \$2.3 billion.
- The Administration prepared and released the CMP in 2012 which builds on the Sentencing Reform and targets:
 - Improving existing correctional facilities.
 - Increasing bed space to alleviate overcrowding and improve access to programs and services that help prevent recidivism.
 - Creating regional approaches to housing inmates that facilitate reentry into society.
- Massachusetts is one of thirteen states partnering with The Pew Center on the States using their Results First Model to employ a cutting-edge cost benefit analysis to analyze our criminal justice policies.
- Massachusetts hosted a three day conference called "Rethinking Reentry: A Massachusetts Imperative". The outgrowth of this conference will be a statewide strategic plan on reentry for the Commonwealth, informed by and coordinated with the Criminal Justice Commission and the cost benefit analysis being done by The Pew Center. These efforts will help to guide our strategic investment in capital projects for corrections.

FY13 Highlights

- The Commonwealth is investing in projects that help alleviate overcrowding for women, including:



- Construction of the Regional Western Massachusetts Women's Facility in Hampden County
- Study for improvements at MCI Framingham that will better address the diverse needs of incarcerated women.

- Funding in this plan will provide for the relocation of inmates at the Middlesex Sheriff facility located in the Edward J. Sullivan Courthouse in Cambridge. The relocation of inmates will allow efforts to close and redevelop this property to proceed.

- In conjunction with the passage of sentencing reform, the Commonwealth will update population projections to ensure that the Commonwealth does not overbuild.

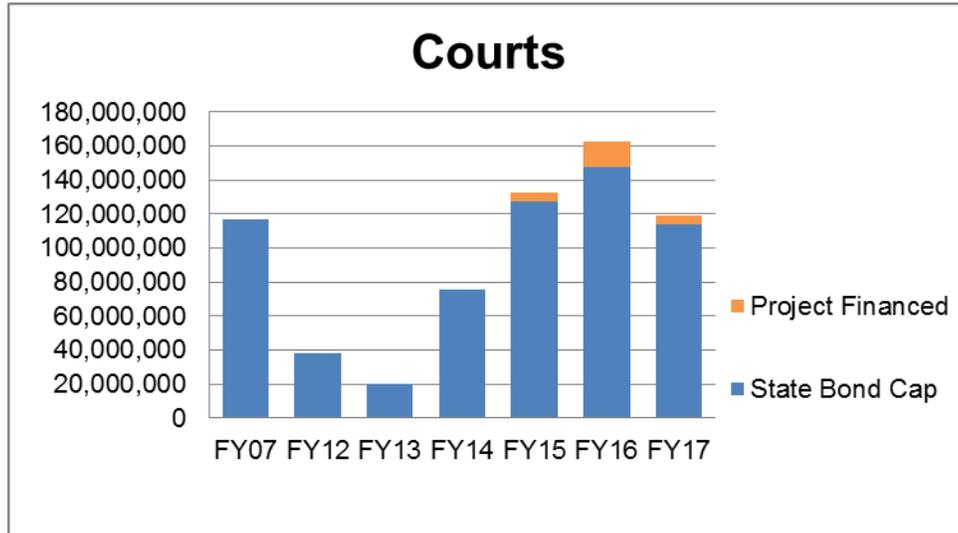
- Capital investments in FY13 are targeted to urgent repair needs, including the Suffolk County Jail building envelope and roof, water source upgrades to address issues at Norfolk DOC facilities and \$2 million for improvements to inmate cells to prevent suicide based on the recommendations of the Hayes Report.



Courts

The Commonwealth's judiciary operates over 100 active court facilities, with approximately 5.5 million gross square feet of space, in 60 communities across the Commonwealth. A majority of the facilities are state-owned and operated, but many are a combination of county and privately-leased facilities. Capital spending and leasing for judiciary projects is administered through DCAM, in collaboration with the Trial Court administration.

The following graph reflects the Administration's estimated capital investment in court capital projects over the next five years, as compared to fiscal years 2007 and 2012 courts related spending. Once the Trial Court finishes their strategic plan, the Administration plans to increase funding for court projects over five years.



Policy Goals

The Administration's goals for court capital investments include the following:

- 1. Support the Trial Court in their Strategic Planning Process.** The Trial Court's strategic plan will forecast the Court's future needs and priorities in serving the people of Massachusetts and develop strategies for effectively providing a high quality, widely accessible and technology supported justice system.
- 2. Continued investment in upgrading the capital facilities for the Judiciary.** The capital investment plan aims to build on significant progress that has been made towards upgrading the facilities of the Trial Court to ensure that security, life safety, accessibility and functionality needs are met.



Administration Accomplishments to Date

- The Trial Court leadership and DCAM have implemented a courts capital infrastructure improvement program centered on consolidated comprehensive justice centers and improvements to accessibility, energy efficiency and building conditions throughout the system. These multi-departmental justice centers provide one-stop service for the public and the legal community and offer opportunities for improved efficiencies and coordinated operations for the Trial Court.
- Since 2007, the following new state-of-the-art multi-departmental court facilities have been completed and opened, representing a total of 64 courtrooms, 1.1 million square feet and over \$500 million of capital investment in new or renovated space. Completed projects include:
 - A new Worcester Trial Court on Main Street in downtown Worcester for a total project cost of \$180 million;
 - The Plymouth Trial Court, a state-of-the-art facility containing Superior, District, Juvenile, Housing and Probate & Family court departments, with a total project cost of \$71 million;
 - The new Fall River Trial Court which provides space for the Bristol County Superior Court criminal sessions and Fall River District Court, with a total project cost of \$85 million;
 - The new Taunton Trial Court which contains eight courtrooms serving the District Court, Juvenile Court, Housing Court, and Probate & Family Court, with a total project cost of \$147 million; and
 - The Salem Trial Court, which consists of a new judicial facility that houses 11 court rooms with a large jury pool room, 12 detainee cells in the lower level, the District Attorney's offices with a Grand Jury room and administrative offices for 225 staff, security officers and judges, for a total project cost of \$106 million.

FY13 Highlights

- The Commonwealth will begin a study for a new Middlesex Judicial Complex which will replace the Edward J. Sullivan Judicial Complex and potentially consolidate several leases throughout Middlesex County.
- The Commonwealth will begin to study renovation of the historic Superior Court building in Taunton, which will upgrade facilities in Taunton and will connect it to the new facility.
- Construction will begin on the Greenfield Trial Court facility, which will house all five court department operations, a law library and the Registry of Deeds in one facility. It will replace the existing under-sized and outdated courthouse and currently leased Juvenile and Housing Court space.



Commonwealth of Massachusetts
Five-Year Capital Investment Plan – FY2013-2017

- The Commonwealth will repair, renovate and upgrade systems in the Haverhill District Court to provide accessibility, energy efficiency, a water tight building envelope and other improvements.
- DCAM will continue planning and design of the renovation of the Salem Probate and Family Court facility and the new Lowell Trial Court.

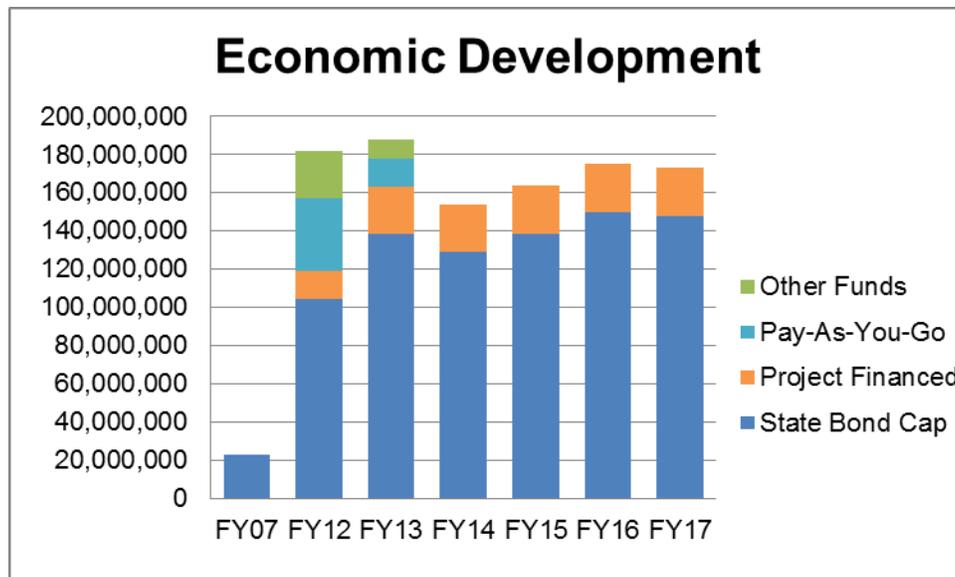


Economic Development

The Massachusetts economy is the largest in New England, and having a robust economy is important not only for the Commonwealth's own citizens, but also for the economic vitality of the region and the country. Our economic recovery has been fueled by support and investments in the innovation economy, advanced manufacturing and biosciences. As of August 2012, the unemployment rate was 6.4 percent, far below the national rate of 8.1 percent.

A critical component of the Governor's recovery plan for Massachusetts is not only to stimulate job creation today, but to make investments that support long-term economic growth. The Patrick-Murray Administration is focused on accomplishing this through strategically targeted capital investments that attract private investment and support the innovation economy of the future.

The following graph reflects the Administration's estimated capital investment in economic development projects and programs over the next five years, as compared to fiscal years 2007 and 2012 economic development related spending.



Policy Goals

The FY13-15 Preliminary Strategic Plan for the Executive Office of Housing and Economic Development (HED) sets forth four key overarching goals with a clear agenda for growing jobs and communities over the next three years.

1. **Accelerated Job Creation.** The plan calls for five broad strategies to drive economic growth:



- Advance education and workforce development for middle-skill jobs through coordination of education, economic development and workforce development programs;
 - Support regional development through infrastructure investments and local empowerment;
 - Support innovation and entrepreneurship;
 - Increase the ease of doing business; and
 - Address our cost competitiveness.
2. **Stabilized Housing.** HED aims to develop feasible and financially responsible approaches to ending homelessness and advancing the production and preservation of housing that is affordable across the income spectrum and that is consistent with Fair Housing Principles.
3. **Enhance Consumer Awareness.** The Commonwealth will empower and educate consumers to protect themselves against fraud and abuse by expanding the range of HED educational resources.
4. **Improved Business Climate.** In its mission to provide a fair and competitive marketplace, the Commonwealth institutes good adjudicatory standards that aim to help consumers without overburdening businesses in the process.

Administration Accomplishments to Date

- With the launch of the new START Matching Grant Program in FY12, MassVentures provided grants of up to \$100,000 each to 10 companies selected by a screening panel for a total of \$1 million of grant funds administered. It is anticipated that in year two of the program, five of the original companies from round one will receive an additional grant of \$200,000, with a second round of ten new companies being selected for a \$100,000 grant for a total cost of \$2 million in grants.
- The Massachusetts Broadband Institute (MBI) leveraged over \$40 million in state funds to receive over \$83 million in additional federal funds for broadband expansion throughout the state. The MBI has commenced construction on MassBroadband 123, a 1,100 mile fiber-optic network that will expand broadband access in more than 120 communities in western and north-central Massachusetts and provide direct connections to more than 1,300 schools, hospitals, libraries and public safety facilities that currently lack reliable, affordable internet service.
- Massachusetts has demonstrated its commitment to the life sciences community through investments in infrastructure to accelerate promising science as well as create a business friendly environment. To date, the Massachusetts Life Sciences Center has committed \$187 million to twelve capital projects and created 2,425 jobs in the building trades and in the life sciences. The Governor has committed to providing \$500 million in life sciences investment over ten



years. The Center's infrastructure investments have contributed to the creation of more than one million square feet of new life sciences research and manufacturing space across the Commonwealth.

- The Administration created the MassWorks Program, which is a consolidation of six grant programs combined under one program through Chapter 238 of the Acts of 2012. The MassWorks Infrastructure Program and the associated prior grant programs have supported over 100 infrastructure projects to advance housing, economic development and small town transportation safety improvements across the Commonwealth since 2007. MassWorks Infrastructure Projects represent not only thousands of construction jobs but also the creation of thousands of new full- and part-time jobs, hundreds of new housing units and millions of private funding investment which are leveraged through the strategic investment of the MassWorks Program funding.

FY13 Highlights

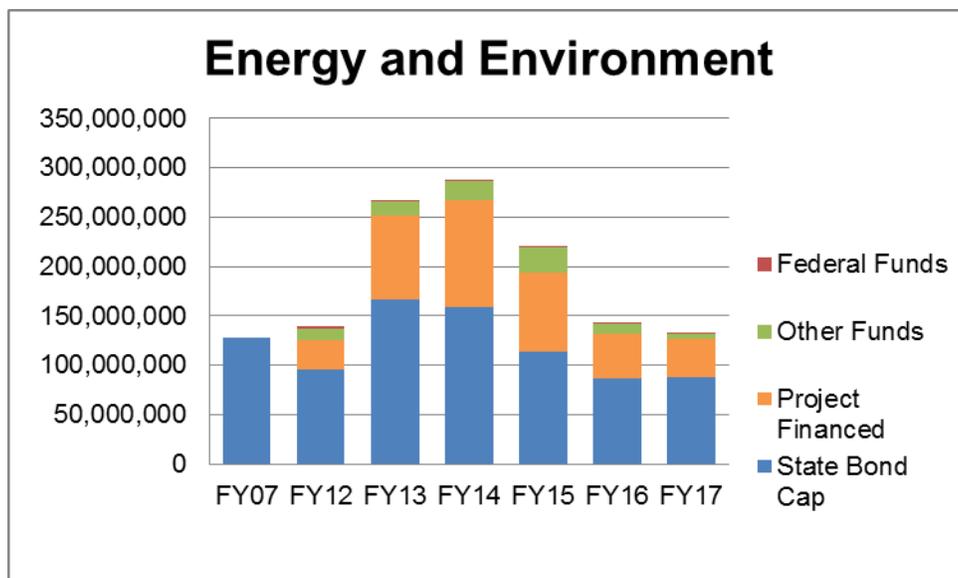
- \$55 million will be invested in Governor Patrick's Life Sciences Initiative capital program, an \$11.5 million increase over FY12. These capital investments provide funding for at least 12 projects including the construction of the Sherman Center at the University of Massachusetts Medical School – Worcester, University of Massachusetts Dartmouth's Biomanufacturing facility, and the Joslin Diabetes Center and the Dana Farber Cancer Institute.
- The Commonwealth will contribute \$2.1 million to MassVenture's START program which will continue to provide grants to help growing companies commercialize technologies developed under Small Business Innovation Research (SBIR) contracts.
- The Commonwealth will provide \$21.9 million to the Massachusetts Broadband Institute (MBI) in FY13 to invest capital funds in long-lived, carrier-neutral infrastructure assets to more adequately equip residents and businesses to compete in the 21st century global economy by bringing broadband internet access to all of Massachusetts.
- In FY13, the MassWorks Infrastructure Program will announce its second annual funding awards for public infrastructure projects. MassWorks also has a number of significant, ongoing projects that it will continue to support in FY13 including the construction of the new MBTA station at Assembly Square, the reconstruction of Acushnet Avenue in New Bedford, roadway infrastructure to support the redevelopment of the Ludlow Mills and many others.
- I-Cubed projects are underway at Assembly Square in Somerville and Fan Pier in Boston. These are expected to leverage \$1 Billion in private investment and create over 1,000 construction and 2,000 permanent jobs.



Energy and Environment

The Executive Office of Energy and Environmental Affairs (EEA) develops policies and targets capital investments that balance sustainable economic development, quality of life, and resource protection, in order to ensure that Massachusetts is a great place to live, work, learn and play for generations to come.

The following graph reflects the Administration's estimated capital investment in energy and environment projects and programs over the next five years, as compared to fiscal years 2007 and 2012 energy and environment related spending, including funding for the Accelerated Energy Program.



Policy Goals

- 1. Sustainable economic development.** The Commonwealth promotes innovative, clean and efficient energy resources and supports the Commonwealth's legacy, resource-based industries.
- 2. Improve quality of life.** EEA aims to protect public health by ensuring healthy air and safe drinking water; improve access to and the quality of outdoor recreational opportunities, and to locally-grown food, agriculture, wood and fisheries products; and ensure access to reliable, efficient and cost-effective energy while maintaining Massachusetts as the national leader in renewable and clean resource development.
- 3. Resource protection.** Through the land program, EEA conserves open space and working landscapes to provide clean air, clean water and wildlife habitat for



current and future generations. EEA agencies also aim to reduce greenhouse gas emissions 25% below 1990 levels by 2020, and 80% by 2050 and manage fresh water and ocean resources sustainably.

Administration Accomplishments to Date

- Since 2006, the Patrick-Murray Administration's conservation efforts have protected more than 100,000 acres of open space at an investment cost of over \$287 million. This legacy of land conservation is protecting our drinking water, sustaining communities' character, providing children with a place to play, conserving forests and natural habitat and supporting jobs in forestry, farming and tourism. The Administration has also:
 - Built and restored more than 150 parks, mostly in environmental justice neighborhoods;
 - Funded 10-year forest management agreements with 900 landowners to advance long-term forest conservation on 60,000 acres of private forest land; and
 - Protected more than 16,000 acres of mountain peaks, wild rivers and forests in ten unique intact ecosystems called Habitat Reserves, which provide species habitats and will buffer climate change impacts.
 - The Administration has invested \$57 million to protect 142 farms (8,400 acres), placed 11,000 acres under agricultural covenants and invested \$1.2 million in efficient conservation enhancements to agricultural operations.
 - Access to fishing and boating activities has been greatly increased with \$5.5 million for 16 boat ramp projects (including large construction projects in New Bedford and Fall River), 6 floating dock systems, 13 canoe/kayak access projects, 3 shore fishing/pier access projects and 22 statewide maintenance and engineering projects.
 - Department of Fish and Game (DFG) trout hatcheries have raised and stocked over 3.6 million trout to provide enhanced recreational opportunities for Massachusetts anglers since 2006.
 - \$7.1 million invested in smart growth environmental projects through the DFG Division of Ecological Resources has:
 - Restored 640 acres of wetlands and 250 river miles;
 - Created or sustained over 340 jobs;
 - Leveraged \$21.3 million in non-state funds; and
 - Generated \$49.8 million in economic activity within Massachusetts.
 - Massachusetts has bolstered capacity to ensure water quality across all 27 watersheds in the Commonwealth. 39 riverine and lake sites are now monitored on weekly rotation and are consistently evaluated to certify that cities and towns have access to clean water.
-



- The Administration has invested over \$200 million in Massachusetts parks, pools, parkways and other recreation facilities. An additional \$28 million was directed towards beach, bathhouse and comfort stations projects, including new structures at Salisbury, Nahant, Horseneck and Constitution Beaches.
- The Administration has repaired and restored critical dam and seawall infrastructure by investing more than \$25 million in over 25 dam and coastal improvement projects.

FY13 Highlights

- The Department of Conservation and Recreation will begin a four-year, \$1.75 million initiative to revitalize Heritage Parks. These parks, primarily located in urban areas, provide exhibits and historic information with an emphasis on the industrial history of the communities in which they are located.
- The Commonwealth will invest \$1.25 million in the nationally recognized river and wetland restoration program, administered by the Division of Ecological Restoration at the Department of Fish and Game. These restoration projects are expected to leverage an additional \$5 million in federal and private funds, in addition to creating over 75 jobs every year.
- The headquarters building for Division of Fisheries and Wildlife in Westborough will go into final design and initial construction. This will replace current outdated and overcrowded facilities and will be the Commonwealth's first net zero energy building.
- The Commonwealth will invest \$29 million in FY13 for the development of the New Bedford Marine Commerce Terminal, a unique seaport facility which will provide a staging ground for the development of offshore wind and spur hundreds of jobs on the South Coast of the Commonwealth.

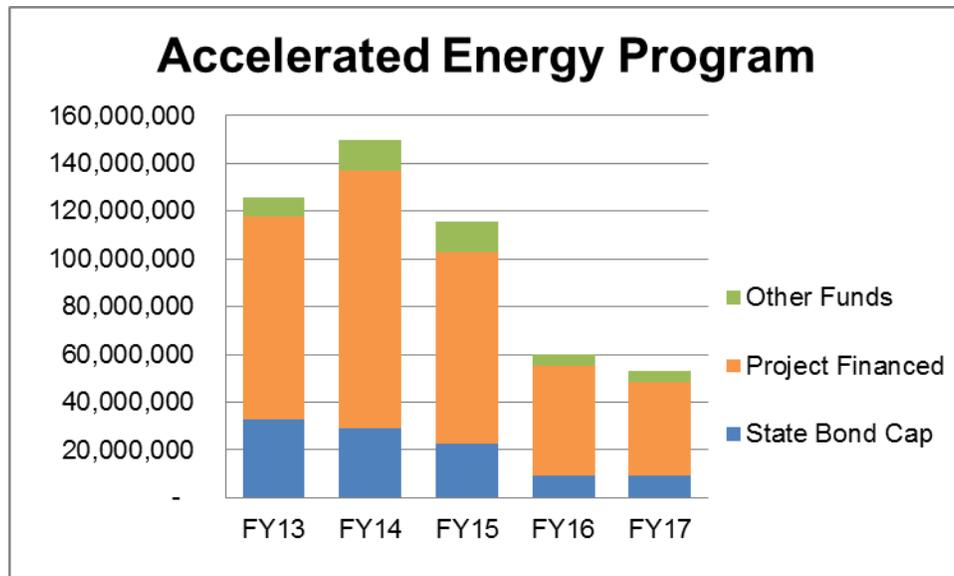
Accelerated Energy Program

The Patrick-Murray Administration is launching the Accelerated Energy Program ("AEP") to accelerate the implementation of energy and water projects across the Commonwealth and help the Commonwealth comply with E.O. 484 - Leading By Example, which requires state agencies to reduce greenhouse gas emissions, energy and water use by specified targets. As part of the program, DCAM plans to retrofit 700 sites in 700 working days, encompassing over 4,000 buildings throughout the Commonwealth which have not been retrofitted since 2000.

AEP is a three-year initiative that will create clean energy job opportunities across the Commonwealth and save over \$40 million annually through the conservation of energy and water. The program is estimated to cost \$427-\$480 million, using funds



primarily from the Clean Energy Investment Program (CEIP), which uses utilities savings from projects to repay the bonds used for the project. This is an innovative financing approach developed by the Executive Office for Administration and Finance (A&F) that allows these important projects to go forward without impacting the Commonwealth's bond cap. AEP also leverages \$44 million in utility incentives.



Policy Goals

The goals of the three-year program include:

1. **“Green” 700 sites in working 700 days.** DCAM plans to retrofit 700 sites in 700 working days encompassing over 4,000 buildings throughout the Commonwealth which have not been retrofitted since 2000.
2. **Support long term E.O. 484 targets.** E.O. 484 - Leading By Example requires state agencies to reduce greenhouse gas emissions, energy and water use by specified targets.
3. **Create sustainable job opportunities.** The program will create clean energy job opportunities and provide access and opportunities for small, minority and women owned businesses.
4. **Communicate effectively.** DCAM will engage with employees and the public about energy and water conservation.



- 5. Improve operation and maintenance.** The program will achieve long-term operating savings and contribute to addressing the Commonwealth's deferred maintenance backlog.

Administration Accomplishments to Date

- The Patrick Administration has already completed approximately \$156 million in energy investments, including 19 MW of clean energy projects. Savings from these projects total approximately \$12 million annually.
- During that same period, the Commonwealth retrofitted more than 90 sites encompassing in excess of 1,200 buildings.
- The Patrick-Murray Administration implemented the Clean Energy Investment Program (CEIP), which enables the use of project financing. Energy and water savings from improvement projects are used to pay General Obligation bond debt service.
- More than 100 sites have started audits or energy and water upgrades since January 2012. Projects at over 200 sites will be started by the end of 2012. Construction has been completed at seven sites.

FY13 Highlights

- Projects at over 100 sites will be completed by the end of FY13.
- The Commonwealth will spend \$70 million on AEP projects in FY13, nearly \$40 million in CEIP, \$22 million in G.O. bonds and leverage over \$7.8 million in utilities and other funds.
- Audits at over 300 sites will be completed in FY13.
- Several significant projects are starting in FY13, including:
 - At NCCI Gardner, DCAM will complete renovation of the boiler plant (estimated to cost \$9 million), converting it from oil-fired to gas-fired. Other measures include water conservation, insulation, windows upgrades and steam line improvements. This project is expected to start construction early in 2013.
 - At Northern Essex Community College in Haverhill and Lawrence, DCAM will convert the heating system from electric-to-gas, upgrade lighting, modify controls, install new hot water heaters and implement other measures, which is estimated to cost \$5.9 million.
 - At the McCormack and Lindemann buildings, DCAM will complete energy and water upgrades of both buildings, including controls, lighting, new air



handling units, internal windows at McCormack and water system upgrades, which is estimated to cost \$25 million.

- Other projects are expected to finish construction, including Middlesex Community College ground source heat pump, State House lighting project and the Department of Youth Services (DYS) Goss building energy upgrades at Taunton Hospital.

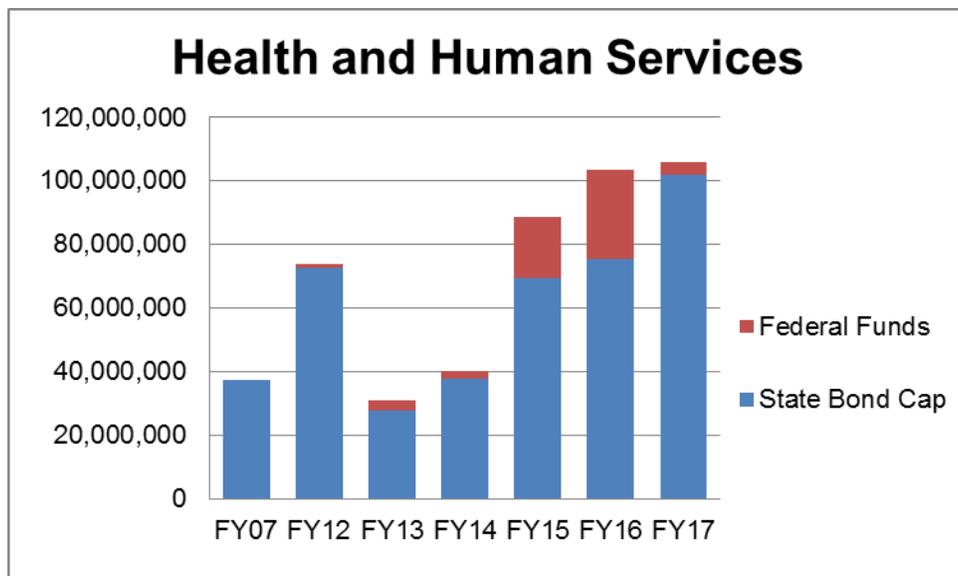


Health and Human Services

The Executive Office of Health and Human Services (HHS) provides the safety net for many of the Commonwealth's most vulnerable citizens. The sixteen agencies of HHS provide critical services for the Commonwealth, including but not limited to services to veterans, elders, immigrants and the mentally ill; to citizens suffering from developmental and other disabilities; and to children and youth. HHS agencies administer the Commonwealth's Medicaid program, its Department of Public Health, and the Department of Transitional Assistance.

HHS facilities are numerous: more than 750 buildings, encompassing over 10 million square feet of space, are spread over 38 state-owned properties. These structures include hospitals, clinics, long and short-term care facilities, offices, and support facilities such as power plants and garages. Many of these facilities operate 24 hours per day, 7 days per week, year-round.

The following graph reflects the Administration's estimated capital investment in health and human services capital projects and programs over the next five years, as compared to fiscal years 2007 and 2012 health and human services related spending. After the completion of the new Worcester Recovery Center and Hospital in FY12, the Administration is planning for the next round of projects in future years.



Policy Goals

- 1. Health Care Access, Quality, and Affordability.** HHS agencies provide acute and chronic medical care, mental health services and veterans' health services. Through MassHealth, HHS provides comprehensive health insurance to 1.3 million people. As the U.S. leader in near-universal access to health care,



Massachusetts agencies are pursuing innovative strategies to reduce health care costs.

2. **Encourage community first.** HHS agencies are committed to helping elders and individuals with disabilities to live with dignity and independence in their communities. In accordance with the 1999 U.S. Supreme Court Olmstead decision, which held that unnecessary institutionalization is a violation of the Americans with Disabilities Act, HHS is taking steps to close outdated residential campuses for disabled individuals and provide services in a community setting.
3. **Ensure safe communities.** HHS agencies play a leading role in efforts to reduce violence, abuse and neglect of vulnerable citizens, including children, youth and elders, through both prevention and intervention programs. HHS agencies also make a significant contribution to Massachusetts' emergency preparedness efforts.
4. **Promote self-sufficiency.** Agencies of HHS provide employment-related services to more than 25,000 persons each year. Working with people with disabilities, with veterans, with refugees and immigrants and with low-income individuals, HHS agencies help Massachusetts residents obtain meaningful employment.
5. **Ensure Children are Ready to Learn.** HHS agencies are taking steps which will allow all children to overcome or avoid mental or physical health issues, housing instability and family violence so they may have the best possible background to their education.

Administration Accomplishments to Date

- Balancing the rights of individuals with disabilities to receive services in their communities with the needs of some of the most severely challenged to receive intensive care, the Department of Mental Health's new Worcester Recovery Center and Hospital recently opened to mental health patients. This state-of-the-art facility exemplifies a model that fosters recovery instead of hospitalization. Moreover, the building has been designed to meet LEED Gold certification for its "green" design and construction.
- Improvements to HHS's information technology and business systems have resulted in better case management, integrated means testing and electronic health records for Medicaid clients. These improvements will result in lower health care costs.
- In order to serve individuals with disabilities in smaller, more personal settings, community-based residences have been or are being constructed to replace four large residential Department of Developmental Services' campuses. Twelve new state-supported residences have been opened to serve clients being relocated from the Monson Developmental Center.



FY13 Highlights

- Construction of the Worcester Recovery Center and Hospital has been completed.
- Life safety, room upgrades and other improvements to the Commonwealth's two Soldiers' Homes are ongoing, while coordinating with the VA to maximize federal reimbursement.
- To provide a safe and secure environment for Massachusetts youth who are in state custody, improvements to three Department of Youth Services (DYS) facilities are underway or being planned. Within these facilities, educational goals are pursued in accordance with the HHS educational and Community First priorities.
- In conjunction with DCAM, HHS will complete their Facilities Master Plan providing secretariat-wide recommendations for state-owned property.
- HHS will continue work with agencies and DCAM to properly close outdated campuses, consolidate any ongoing programs to other facilities and secure remaining properties for disposition.

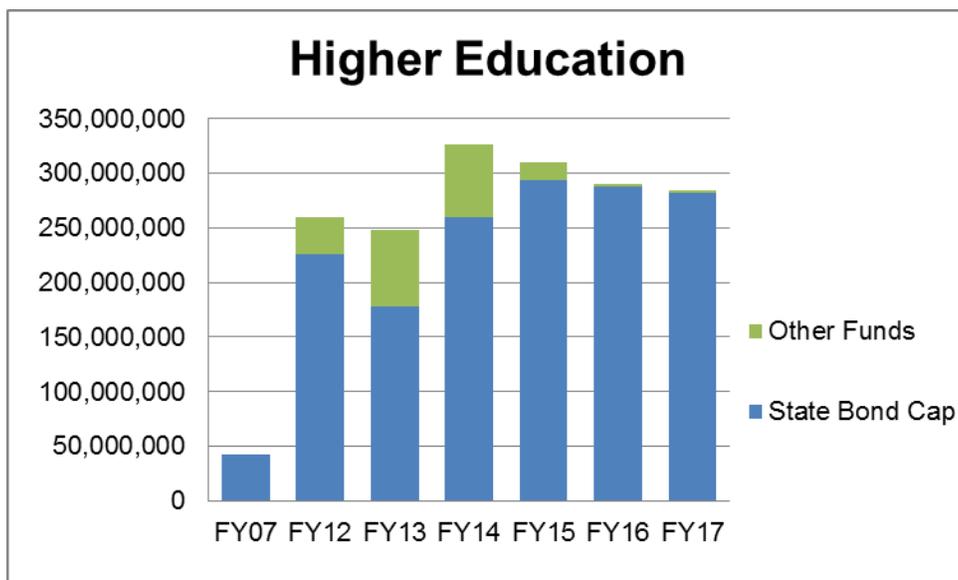


Higher Education

The Patrick-Murray Administration is committed to building an affordable, world-class system of public higher education in Massachusetts because the continued success of Commonwealth’s knowledge-based economy depends on a highly educated and well-skilled workforce.

The Commonwealth’s public higher education system, which serves approximately 260,000 students, is comprised of 29 campuses divided into three segments: fifteen community colleges; nine state universities; and five University of Massachusetts (UMass) campuses. In response to the alarming capital deficiencies at many of these institutions when he took office in 2007, Governor Patrick dramatically increased planned investments in higher education capital projects in the first five-year capital investment plan in FY08, and, working with the Legislature, obtained passage of a \$2.2 billion higher education bond bill in 2008 as a key component of his 10-year education reform initiative.

The following graph reflects the Administration’s estimated capital investment in higher education capital projects over the next five years as compared to fiscal years 2007 and 2012 spending on higher education projects. The Commonwealth accelerated funding for some higher education projects in FY12, which has impacted the level of funding for projects in FY13. Over the five years of the capital investment plan, the Administration has dedicated 13% of the bond cap to higher education, which includes almost \$1.16 billion in programmed projects and over \$100 million reserved for future projects or deferred maintenance.





Policy Goals

- 1. Improve affordability and access.** The Administration aims to strengthen the ability of the Commonwealth's public higher education system to improve affordability and access for all students.
- 2. Educate in STEM fields.** More of our students need to be well-educated in science, technology, engineering and mathematics (STEM) fields, which will enable them to pursue post-secondary degrees or careers in these high-growth job sectors in the Commonwealth.
- 3. Support research that strengthens our state and economy.** The Commonwealth supports high level research and development initiatives that strengthen the state and region as a whole.
- 4. Meet the workforce needs of the state.** Our workers' knowledge and skills must meet the requirements of business and our state's industries.

Administration Accomplishments to Date

- The Commonwealth's investment in public higher education has increased rapidly over the last five years as projects have moved from design into construction, and the level of investment will continue to grow over the next five years to be approximately six times higher than when the Governor took office.
- Working with the legislature, Governor Patrick signed a \$2.2 billion Higher Education Bond Bill.
- Construction is underway or completed at 26 of the 29 public campuses – all campuses are planned to have projects by FY14.
- Construction is complete on four major state university and community college facilities that provide over 400,000 square feet of new or renovated space at our community colleges and state universities. Additionally, design or construction is underway for another 625,000 square feet, bringing the total to more than 1 million square feet. Completed projects include:
 - A new science building at Bridgewater State University;
 - A new allied health science building at North Shore Community College, which is targeted for LEED gold certification and a net zero energy building;
 - A new library for Mass Maritime Academy, which includes a highly sophisticated ship's bridge simulator;
 - Expansion of the main building at Greenfield Community College, which enlarged the library and provided a new barrier free main entrance.



- The Commonwealth has supported UMass through partnerships with the University of Massachusetts Building Authority, the Life Sciences Center and private contributions to build or renovate over 1 million square feet of academic space. This investment includes:
 - Three new laboratory research facilities at UMass Boston, UMass Lowell and UMass Amherst, addressing the Governor’s focus on using science, technology, engineering and math (STEM) as an essential tool for academic, workforce and industry development.
 - Two new major classroom buildings are underway at UMass Lowell and UMass Amherst, bringing these universities to the forefront of academic delivery models with state-of-the-art teaching spaces.
 - Through Governor Patrick’s Life Sciences Initiative, the construction of the Sherman Center at the UMass Medical School – Worcester, the UMass Lowell’s Emerging Technology and Innovation Center and the UMass Dartmouth’s Biomanufacturing facility.

FY13 Highlights

Community Colleges

This plan includes the announcement of five new community college projects, which affirms the Governor’s commitment to investing in community colleges that provide students with strong educational foundations and relevant workforce training opportunities that will prepare them for success in the local job market and/or further academic study.

Over the five year plan, the Commonwealth will spend \$297 million on community college projects. New community college projects include:

- Massachusetts Bay Community College to study opportunities for a future Framingham campus and build a new Allied Health Academic Building in Framingham. This project includes \$22.1 million in Commonwealth bond cap funds, as well as contributions from the community college.
- Roxbury Community College, for renovations to the Academic and Media Arts building and plan for new infrastructure related to life science and allied health programing for \$20.7 million.
- Mount Wachusett Community College for modernization to the Haley building and a wet lab addition for \$37.9 million.
- Berkshire Community College for a renovation of the Hawthorne and Melville Halls, including exterior masonry repairs for \$21.1 million.
- Springfield Technical Community College for major envelope repairs and other renovations needed at the main classroom and student activity building for



\$6.8 million. The project scope will address serious water infiltration and resultant mold in the stairways and the auditorium.

Examples of ongoing projects include:

- Northern Essex Community College for a \$26 million new allied health building sited in a key location in downtown Lawrence.
- Quinsigamond Community College for study, design and construction of a new academic building for \$23.1 million.

State College and Universities

Over the five year plan, the Commonwealth has planned to invest \$259 million on state college and university projects. For FY13, the plan includes:

- Funding for Massachusetts College of Art to study a replacement for the existing façade at the main building to address water infiltration, structural issues and energy efficiency improvements.

Examples of ongoing projects include:

- Fitchburg State University for construction of a \$57 million science facility which includes an addition and renovation to the existing Condike Science Building. This project will provide new teaching labs, classrooms and offices and demolish the Parkinson Gymnasium.
- Massachusetts College of Liberal Arts for construction of a \$54.5 million new Science and Innovation Center for teaching labs, classrooms, offices, a greenhouse and labs for K-12 educators. This project also includes the renovation of Bowman Hall.
- Salem State University for construction a new \$74 million library and learning Commons. This project includes the demolition of the existing library which had to be closed due to structural deficiencies.
- Framingham State University for construction of major renovations to the existing Hemenway Hall and Annex, which includes the addition of wet labs. This project is funded by the bond bill and borrowing from MSCBA with a total cost of \$61 million.
- Worcester State University for a new Wellness Center, including the demolition of the existing gymnasium for \$50.7 million. This project will be funded by the higher education bond bill and borrowing from MSCBA.



University of Massachusetts

Over the five year plan, the Commonwealth has planned to spend \$607 million on University of Massachusetts projects with an additional \$50 million or more in new projects or deferred maintenance to be identified. New UMass projects include:

- A new physical science building UMass Amherst, currently estimated at \$85 million that will accommodate enrollment growth and higher demand in science programs.
- A new management building for the Manning School of Business at UMass Lowell, which leverages approximately \$10 million in private donations to support the \$35 million project.
- A new academic classroom building at UMass Boston, preliminarily estimated at \$100 million, which will address the demands of continued enrollment growth at the University and the drive to provide an academic setting in which cutting edge teaching pedagogy can be accommodated.

Examples of ongoing projects include:

- A new \$156.5 million cutting-edge research science building at UMass Amherst, which will support engineering and science research in both wet and dry laboratory space will be opening this fall.
- A new \$40 million Health and Social Sciences Building at UMass Lowell, which will provide new general classrooms and new state of the art teaching spaces for the Department of Criminal Justice, Nursing and Psychology.
- The \$43 million Carney Library expansion and renovation project at UMass Dartmouth, which will provide the campus with a renovated, state-of-the-art library.
- A new \$180 million integrated science center building at UMass Boston that will provide a state-of-the-art new laboratory, research and teaching space to support science programs and a signature building at the entrance to the campus.
- A new \$85 million academic building at the UMass Amherst campus, which will accommodate space for the Department of Communications and Journalism and the Department of Linguistics, along with classrooms to accommodate 1,800 seats.

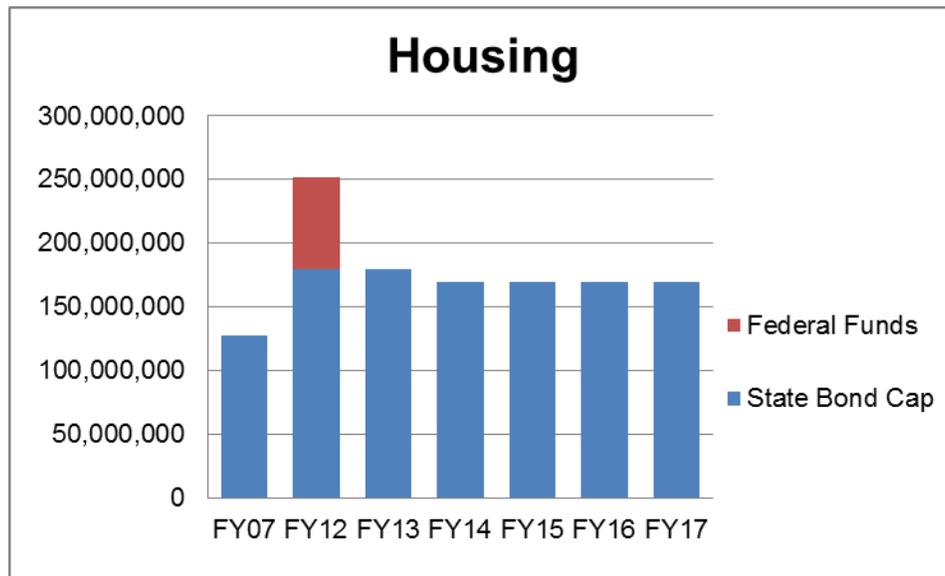


Housing

State spending for housing in Massachusetts includes state-supported public housing, private affordable housing development and rental voucher programs. The state public housing program is a key source of affordable housing for over 45,600 extremely low-income households, valued at \$8 billion. Its preservation ensures a source of workforce housing for low-wage workers, who support an essential part of the state's economy. The Department of Housing and Community Development (DHCD) works to create and implement new opportunities to help with the preservation of the public housing portfolio, including using state capital to leverage outside funding for public housing preservation and continuing to strategically invest in sustainability and energy programs.

Additionally DHCD administers eight bond programs all of which are critical to the Department's mission. All DHCD bond programs have the capacity to produce or preserve affordable units, create housing opportunities for special populations and reduce homelessness. Some of the programs focus on helping people with disabilities move from nursing homes or other institutions into comfortable settings with appropriate services. Other programs create housing for veterans who have served in combat and are re-adjusting to civilian life.

The following graph reflects the Administration's estimated capital investment in affordable housing projects and programs over the next five years, as compared to fiscal years 2007 and 2012 affordable housing related spending. The decline in federal funding is due to the completion of ARRA funded projects. In FY12 and FY13, Governor Patrick has dedicated an additional \$10 million expansion to housing infrastructure funding.





Policy Goals

These programs in every way support the housing and economic development goals of the Patrick-Murray Administration:

1. **Reduce homelessness.** By investing in new units and existing vacant units, DHCD aims to provide more low income housing opportunities to reduce homelessness.
2. **Create additional housing for special populations.** DHCD aims to support housing investments for veterans, homeless families, the elderly, individuals with disabilities and other priority individuals.
3. **Create housing for the workforce and support transit-oriented development.** When making investments, DHCD will build housing, wherever possible near transit, services, jobs and educational opportunities.
4. **Revitalize neighborhoods.** DHCD strengthens communities through targeted investments in Gateway communities.
5. **Preserve existing housing.** By investing in bringing existing vacant units back on line or preserving expiring use projects, the Commonwealth can preserve public housing and privately owned affordable units.

Administration Accomplishments to Date

Public Housing

- Governor Patrick inherited a neglected public housing system with a backlog of expired building systems and deferred maintenance, and he dramatically increased the Commonwealth's capital investment in public housing to begin to address this challenge.
- In June 2010, DHCD initiated a formula funding program to ensure that capital funds awarded to state-aided public housing are distributed in an equitable, transparent and predictable manner. Now, every local housing authority (LHA) annually receives a share of available funds proportional to its condition-based need.
- DHCD, with support from the LHAs, is currently in the process of federalizing 3,846 public housing units scattered across 48 sites and 19 LHAs at a cost of approximately \$38 million in capital funds. The federalization of these units will transfer \$100 million in capital liability to HUD and will increase operating funds to federalized units by at least 30%, as well as free up much needed state operating funds for the state's remaining public housing portfolio.



- Initiated in 2008, the Sustainability & Energy Program has infused “green” approaches into capital planning and construction standards, helped housing authorities address energy planning and leveraged substantial outside resources from utility energy efficiency programs, government agencies and innovative financing programs.
- DHCD has made significant strides in the capital planning process with technological improvements that include a comprehensive web-based system to target funding to greatest needs and measure the effectiveness of capital improvement projects.

Housing Development

- Over \$453 million in bond program funding has been awarded to 354 projects in 123 cities and towns across the Commonwealth.
- Approximately \$1.3 billion has been leveraged in other local, state and federal sources.
- 13,346 units of housing for individuals and families have been developed and/or preserved.
- Over 1,070 homes have been modified to increase accessibility and improve safety for households with persons with disabilities.
- 17,014 jobs have been created for Massachusetts workers.
- In FY12, the Patrick-Murray Administration announced an expansion of \$10 million for rental housing projects which enabled the Commonwealth fund up to an estimated nine additional projects for families, veterans and elderly people.

FY13 Highlights

In addition to the Commonwealth’s yearly \$170 million investment in housing, the Patrick-Murray Administration will provide a \$10 million expansion for housing funding in FY13 to support new investments in the following:

- Increase the Commonwealth’s investment in Public Housing Energy and Water Savings Initiatives by \$3 million. These initiatives produce energy, water and/or maintenance cost savings that allow LHAs to reduce operating subsidy or reallocate operating dollars to needed preventive maintenance. The \$3 million expansion will:
 - Replace high cost, all-electric heating systems that are about to expire and install innovative air source heat pump or other high efficiency technology;



- Make building envelopes more efficient by installing higher efficiency windows, insulation under replacement siding and energy-efficient roofs;
 - Address replacement of Federal Pacific electric panels that pose a safety hazard and waste electricity; and
 - Complete the conversion to low flow toilets in communities with high water and sewer costs or stressed septic systems.
-
- Repair an additional 150-200 vacant public housing units with a \$2 million investment in order for them to be brought back online and occupied.
 - Increase funding for the Housing Stabilization Fund by \$3 million to create and/or preserve an additional 150 units of housing for veterans, homeless families, the elderly and other family households with incomes ranging from 30% to 80% of area median.
 - Invest an additional \$2 million the Housing Innovations Fund (HIF) to create an additional 80 units of housing for special needs populations.



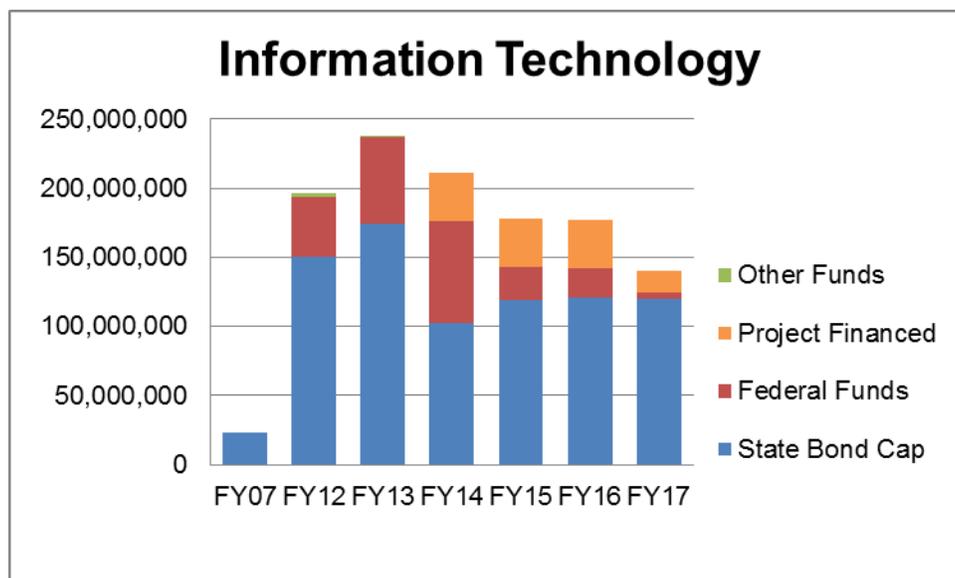
Information Technology

Information Technology (IT) enables the delivery of critical services to constituents in a better, faster and more efficient manner than would otherwise be possible. During the prolonged economic downturn, our nation and state have experienced an increased constituent demand for government services even while budgets have been cut. As a result, agencies have increasingly sought to take advantage of technology to meet constituent needs.

Between October 2008 and September 2012, over 3,134 full-time agency employees were eliminated across executive branch agencies, yet efficiencies gained through the use of technology enabled agencies to maintain program integrity and service delivery – in some cases at pre-recession levels – despite loss of staff. At the same time, business reforms are being implemented to help enable state government to operate in as lean a fashion as possible, while continuously improving service delivery to constituents. The positive impact technology has had – and will increasingly have – on delivering vital services to constituents cannot be overstated.

In today's environment, IT underlies almost everything we do. Over the years, the Commonwealth has come to rely more and more on IT for the operation of state government, and we have seen that IT can have a profoundly positive impact on making government more efficient, more accessible and more responsive to the public. Bringing our IT environment up to date will pave the way for future innovation.

The following graph reflects the Administration's estimated capital investment in information technology services capital projects and programs over the next five years, as compared to fiscal years 2007 and 2012 information technology related spending. FY12 and FY13 include the completion and outfitting of the Springfield Data Center.





Policy Goals

- 1. Support achievement of the Administration’s priorities** of getting people back to work, reducing health care costs, improving education and strengthening public safety.
- 2. Provide essential services and government information to citizens and businesses** in a responsive, secure and transparent manner through whatever means – computers, mobile apps – are most convenient and amenable to their needs and communication styles.
- 3. Invest in health information technology.** Investments will advance the Commonwealth’s leadership in affordable health care while leveraging available federal funding to stretch scarce state dollars.
- 4. Modernize, streamline and transform how government manages and does its work.** The Commonwealth must replace aged mission critical systems that have become too rigid and fragmented to support the Commonwealth’s evolving needs and too inefficient and labor intensive to maintain.
- 5. Identify and drive administrative efficiencies and cost savings.** The Commonwealth will provide up-front investments to projects that will drive significant recurring operating efficiencies and cost savings.

Administration Accomplishments to Date

- Implemented in 2011, the Juvenile Justice Enterprise Management System (JJEMS) enabled the Division of Youth Services (DYS) to implement an agency-wide, web-based enterprise system that allows DHS to effectively manage their resources and, most importantly, committed youths across the agency in real-time. Implementing JJEMS allowed DHS to claim a one-time Federal reimbursement of \$7.3M and on-going annual reimbursements of \$1.3M.
 - Implemented in 2011, I-CORI is a component of a broader joint effort between the Governor and the Legislature to reform Massachusetts’s criminal offender system by improving the accuracy and readability of records, ensuring proper and timely access to information by law enforcement, employers, housing authorities and the general public, and reducing recidivism by increasing employment opportunities for rehabilitated offenders.
 - Open Checkbook, launched in 2011, is a user-friendly, public facing tool containing comprehensive information on state government expenditures, down to “checkbook level”, for vendor spending on a near real-time basis. Interested parties can monitor spending quickly and easily, as well as compare expenditures over time.
 - The All Systems Integrated System Tracker (ASIST) integrates the Homeless Management Information System (HMIS) and provides critical functionality such as
-



availability of beds/units among all Emergency Assistance (EA) Shelter providers and the ability to search vacancies based on selected criteria such as shelter exit reporting, shelter placements and the length of the EA episode. The system has over 1,200 users and currently aids over 380,000 clients.

FY13 Highlights

- The capital investment plan will continue the development of MassTax2, which will be a secure, flexible, user-friendly system that will integrate all tax administration functions and allow for the proper accounting and collection of over \$22 billion annually in tax revenues in support of the financial requirements of the Commonwealth.
- The Commonwealth will invest \$8.9 million to continue re-building the Commonwealth's public safety information systems network, the public safety data center and provisioning public safety support services. The program will modernize the Commonwealth's criminal history system, procure a new fingerprint identification system to support the criminal history program and provide enhanced biometric identification services and forensics.
- \$14.6 million will be invested to continue IT projects that will implement health care cost containment and child welfare information initiatives including converting to the federally mandated ICD-10 diagnostic coding system, implementing a new eligibility determination system, completing the federally mandated analysis for the Medicaid Information Architecture and replacing the existing FamilyNet child welfare system.
- The capital investment plan provides \$3.7 million in FY13 to support the implementation of an enterprise system to manage licensing and permitting activities for many state agencies and ultimately, municipalities. The Division of Professional Licensure (DPL) and the Alcoholic Beverages Control Commission (ABCC) are collaborating on the initial deployment. This new system will help DPL provide high quality, low-cost services to its 330,000 license-holders in nearly 50 trades and professions. ABCC will use the system to manage the approval and issuance of over 13,000 retail licenses per year and 10,000 state licenses per year.
- The Commonwealth will begin the overhaul of the Commonwealth's procurement processes by implementing a single, transparent statewide system to provide vendor registration, procurement, purchasing, invoicing, payment and spend management that will be accessible to all state agencies, municipalities and other eligible public purchasing entities within the borders of Massachusetts.

Project Financed IT Investments

Investments in information technology have substantial impacts across all corners of state government. State agencies are able to provide increasingly higher levels of service in even the most challenging fiscal climates; municipalities are able to invest more local aid in programmatic needs instead of support systems; and health



care cost containment is in part made possible by the investments made in the Commonwealth's IT infrastructure. In addition to improving service, IT investments can produce a return on investment to the Commonwealth through new revenue or cost savings due to operational efficiencies.

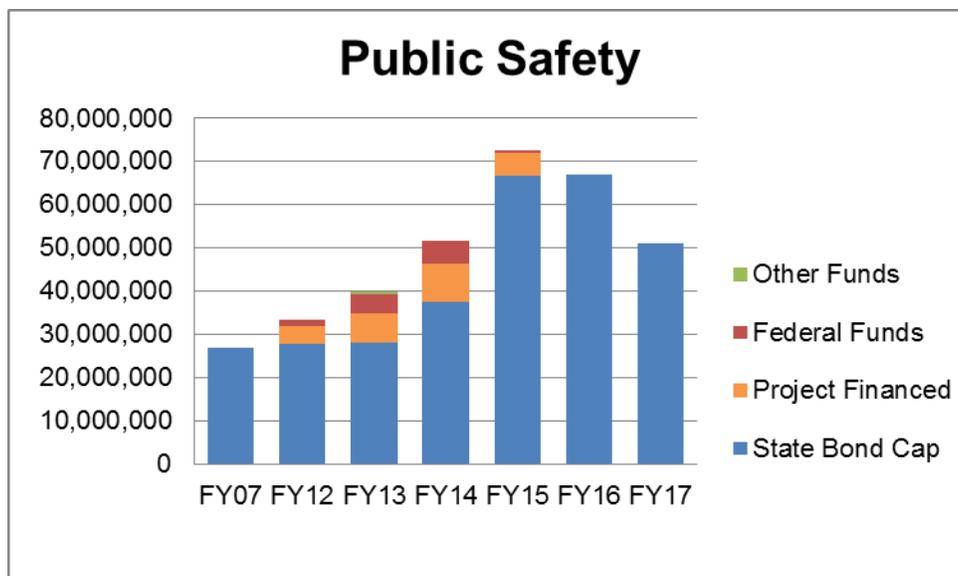
To ensure that the Commonwealth realizes this return on investment, the Administration is procuring a private IT investment consultant that will produce a methodology for creating, maintaining and monitoring the long term benefits and costs of IT capital projects. This methodology will then be used to verify new and existing projects' long term impact and drive investment decisions. In cases where all or part of the project cost will be paid back through operational savings or new revenue, the Commonwealth will use those funding streams to pay back the associated debt service.



Public Safety

The Commonwealth's capital spending supports important public safety projects and programs that ensure the safety of our citizens and communities. Public safety capital investments range from improvements to Massachusetts military facilities to addressing the equipment and facilities needs of the State Police, Chief Medical Examiner, homeland security and emergency response agencies.

The following graph reflects the Administration's estimated capital investment in public safety capital projects and programs over the next five years, as compared to fiscal years 2007 and 2012 public safety related spending.



Policy Goals

- 1. Increase homeland security capabilities and enhancing partnerships.** The Patrick-Murray Administration has recognized the need to standardize the fleet on a 'next generation' twin engine helicopter. The helicopters deploy on missions that aid in municipal response to natural or industrial disasters, wildfires, search and rescue and apprehension of suspects.
- 2. Maintain readiness at Military Bases.** The Commonwealth supports all military installations in Massachusetts in order to both protect them and explore opportunities to bring in new missions.
- 3. Improve public safety resources.** The Commonwealth creates and improves resources for the use of public safety agencies in the Commonwealth.



Administration Accomplishments to Date

- In 2012, the State Police took delivery of the second Eurocopter EC-135. This aircraft meets FAA standards for “Instrument Flight Rules”, allowing the State Police to operate during more adverse weather conditions. This improved aircraft allows the State Police to expand the number and type of missions it can undertake. The State Police is the only department with an airwing in the Commonwealth.
- The Administration completed construction of the Methuen National Guard Readiness Center, representing a \$15 million federal investment.
- The Administration completed construction on the \$43 million renovation and addition to the Massachusetts Firefighting Academy in Stow.

FY13 Highlights

- The \$15 million state and federally funded Natick National Guard Readiness Center will begin construction this fall.
- The Patrick-Murray Administration will announce roadway and utility improvements to strengthen security for the entry way of the US Army Natick Soldier Systems Center (NSSC), a recommendation from Lieutenant Governor Murray’s Military Asset and Security Strategy Task Force.
- The acquisition of the Springfield Firefighting Academy facility will be finalized and design will begin for an expansion to provide a convenient training location for the Western part of the state. The \$13.5 million project is expected to break ground in the fall of 2013.
- DCAM, DCR, MassDOT and the State Police are collaborating to relocate the State Police upper basin barracks and the DCR maintenance yard functions in order to make the site along Western Ave and Soldier’s Field Road available for the construction of the new Joseph M. Smith Community Health Center.
- The Commonwealth will begin siting and design of a new Massachusetts Chief Medical Examiner facility that will consolidate two leases and provide the department with a modern Western Massachusetts lab.



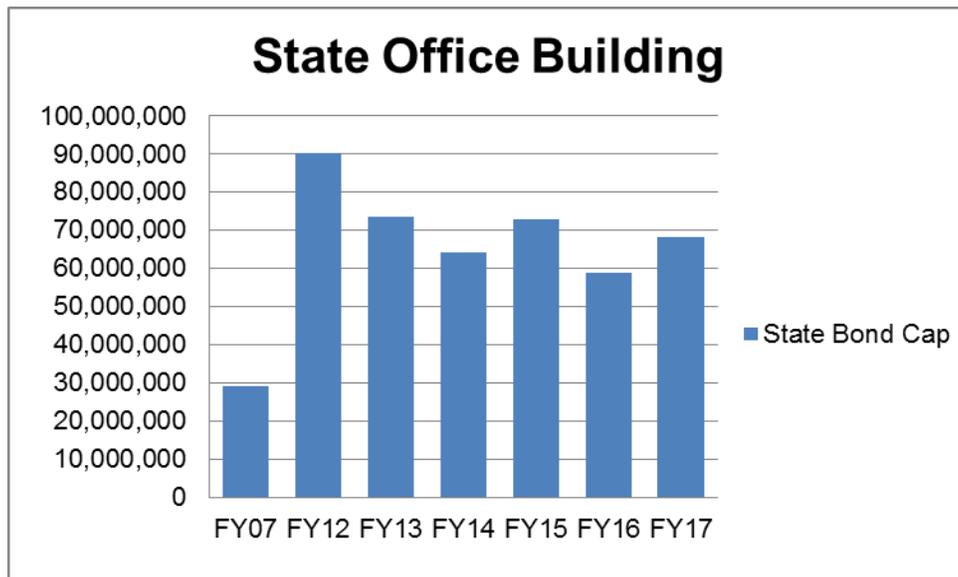
State Office Buildings and Facilities

Safe, convenient and accessible state office buildings and facilities are essential for the efficient and effective functioning of government and for providing programs and services for the citizens of the Commonwealth. They are also important venues for active civic engagement.

These buildings and facilities have important safety and accessibility needs for both workers and visitors. As a result of years of neglect, many state office buildings require structural improvements, as well as repairs to roofs and building envelopes to prevent leaks that lead to further structural damage.

This year Governor Patrick took a critical first step toward improving our stewardship of state assets by issuing Executive Order 543 – Implementing Integrated Facilities Management (IFM) in the Commonwealth.

The following graph reflects the Administration’s estimated capital investment in state office building projects and programs over the next five years, as compared to fiscal years 2007 and 2012 state office building related spending.



Policy Goals

- 1. Implement Integrated Facilities Management.** IFM will allow the Commonwealth to use facility resources in the most effective way to service the needs of agency customers and help them deliver on their mission. IFM will protect and improve the maintenance of the assets of the Commonwealth.



- 2. Reduce the backlog of deferred maintenance and underutilized state property.** The timely correction of maintenance deficiencies can have a tremendous impact on the life of a building asset. A key goal under the Division of Capital Asset Management's (DCAM's) IFM effort is to develop a more strategic approach to ensure that the backlog of deferred maintenance items is prioritized and implemented in the most effective way.
- 3. Improve the accessibility to the programs and services offered at all state facilities.** Working with A&F and the Mass Office on Disability, DCAM is supporting statewide efforts to improve access at state buildings.

Administration Accomplishments to Date

- The Governor signed Executive Order 543 - Implementing Integrated Facilities Management, which directs a shared services approach to reform facility management practices, enhance maintenance standards, use available space more strategically, modernize the workforce, improve the environment for employees, achieve cost-effectiveness and result in greater customer satisfaction for client agencies and the general public.
 - The Administration restructured the Bureau of State Buildings (BSB) and DCAM, and established of the Bureau of the State House. With the integration of most BSB buildings into the DCAM portfolio, DCAM is able to expand upon the existing BSB infrastructure to manage the new DCAM portfolio.
 - DCAM took on management of several state office buildings in order to establish a consistent standard and realize efficiencies across resources. The facilities coming under DCAM management in FY13 include:
 - State Transportation Building
 - Edward J. Sullivan Courthouse
 - Eastern States Exposition, Springfield
 - Pittsfield State Office Building
 - Wall Experimental Station, Department of Environmental Protection
 - ITD Springfield – 2nd Data Center
 - Worcester Campus
 - DCAM will complete of the extensive copper roofing replacement and photovoltaic cell installation at the State House.
 - DCAM completed the addition and renovation to the William X Wall Experiment Station in Lawrence, which includes a new 11,400 square foot state-of-the-art lab addition for air and water quality testing, as well as renovations to existing office space. This is the first update that the existing 1950s building has seen.
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FY13 Highlights

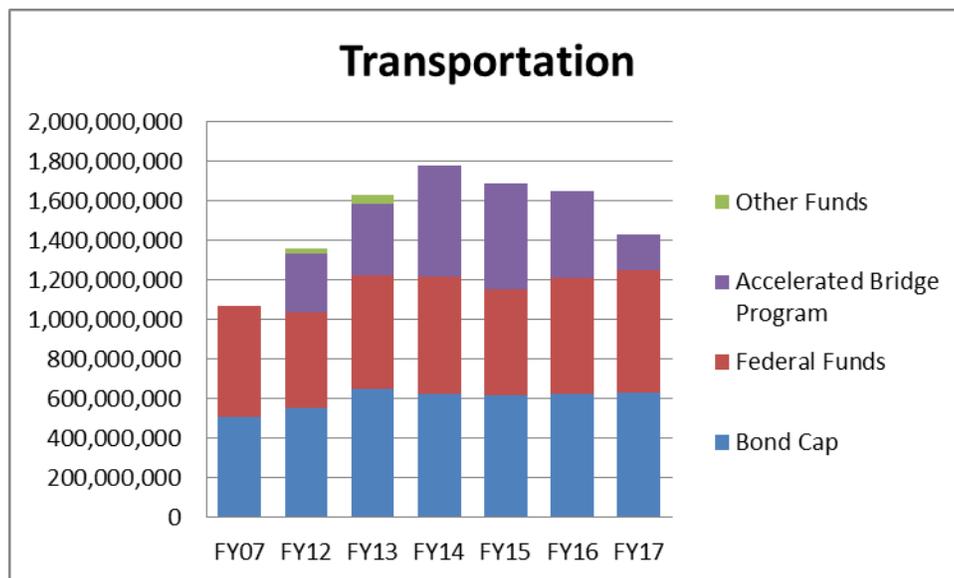
- The capital investment plan continues the \$5 million annual investment in ADA compliance and improvement in physical accessibility throughout the Commonwealth.
- DCAM will complete the comprehensive elevator upgrade and chiller replacement at the State Transportation Building.
- The capital investment plan includes completion of the critical life safety upgrade of the fire alarm and sprinkler system at the State House, which was the recommended the top priority of the 2008 State House Master Plan.
- DCAM will initiate study and design for a comprehensive renovation of the Gardner Auditorium, improvements to the historic House Chamber and preservation of additional State House offices.



Transportation

The Massachusetts Department of Transportation (MassDOT) is responsible for the management and oversight of the statewide transportation network of roads, bridges, tunnels and airports. The Department is organized into four divisions – Registry, Aeronautics, Transit and Highway. Investing in our transportation infrastructure creates thousands of jobs now and improves the environment for economic growth in the future. Over the past five years, the Patrick-Murray Administration has significantly increased investments in our roads, bridges, transit and other transportation system assets by allocating a larger portion of the capital budget and federal transportation funding to transportation investments, such as initiating the Accelerated Bridge Program and pursuing cost savings and reforms.

The following graph reflects the Administration’s estimated capital investment in transportation projects and programs over the next five years, as compared to fiscal years 2007 and 2012 transportation related spending. With the winding down of the Accelerated Bridge Program, overall transportation investment is projected to peak in FY14 then decline in the out years.



Policy Goals

1. **Ensure Safety.** MassDOT actively manages the transportation system to minimize risks and injuries through design, construction and oversight and empower employees to be responsible for their and the public’s safety.



2. **Promote Innovation.** The Administration is developing and deploying new, better approaches and create an environment where people can use their talents to create better ways of doing business and delivering services.
3. **Customer Service.** MassDOT treats the public valued customers and provide superb service that anticipates and responds to customer needs and constantly strives to improve their experience.
4. **Fiscal Responsibility.** MassDOT obtains, invests and manages funds wisely and in a manner that fosters economic development.

Administration Accomplishments to Date

- The Patrick-Murray Administration continues its historic level of investment in infrastructure. Over the past five years, the Administration has doubled the capital investment in our road and bridge program and created the \$3 billion Accelerated Bridge Program (ABP), the largest statewide infrastructure investment program ever.
- With the additional investment provided by the ABP, the number of structurally deficient bridges in the Commonwealth is being reduced, from 534 to 437 – a nearly 20% decline.
- Through the ABP, MassDOT has become a national leader in accelerated bridge construction. In July 2012, MassDOT hosted the Federal Highway Association's Northeast Peer-to-Peer Exchange on Prefabricated Bridge Elements. The attendees visited the River Street Heavy Lift project in Boston, as well as the Holloway Street and Bay Street prefabricated bridge element projects in Taunton, to learn how MassDOT has successfully implemented innovative technologies.
- MassDOT's overall construction program creates or sustains more than 30,000 direct construction jobs across the Commonwealth.
- The Administration has strategically invested close to \$1 billion in the state's rail system through competitive grants, public funds and private sector capital. These investments, some ongoing through this capital investment plan, represent the most significant improvements in the Commonwealth's rail system as a whole in decades.
- Bonds issued for ABP were rated AAA by Moody's and Standard & Poor's, reflecting the strength of the financing behind the program. The program also received the 'Deal of the Year' award from Bond Buyer magazine.



FY13 Highlights

- With \$51 million in FY13 funding, DOT will continue work currently underway on the Green Line Extension in Somerville.
- The capital investment plan funds continued design and permitting of the South Coast Rail project in FY13.
- The capital investment plan continues to fund record levels of investment in rail programs, including the completion of the Knowledge Corridor in Western Massachusetts, the continued development of the Industrial Rail Access Program and the completion of the CSX rail purchase. The purchase of the Boston Main Line from CSX Transportation, Inc. and investments to improve the line will allow the MBTA to own and operate a 44 mile long rail line that will transport passengers between Boston and Worcester to ensure the safety and efficiency of public transportation.
- \$106 million will be dedicated to federally-assisted statewide road and bridge projects, providing a state match to \$415 million in federal funds for road and bridge projects.
- The Commonwealth will invest \$121 million in non federally-assisted statewide road and bridge maintenance.

Challenges

As the Administration continues to pursue additional investments, savings and examine new ways of doing business, it is clear that these steps alone will not achieve the level of funding necessary to maintain the Commonwealth's transportation system at today's level – let alone enhanced or expanded services. The needs statewide are too great. In 2007, the Transportation Finance Commission (TFC) estimated that the level of investment at the time would fall between \$15-19 billion short of the amount needed to properly maintain our existing transportation infrastructure. While programs such as the Accelerated Bridge Program have had a dramatic impact on improving the Commonwealth's transportation infrastructure and making a dent in the TFC's projected deficit, the current level of available resources constrains the Patrick-Murray Administration's ability to address all of the needs. Despite these constraints, this capital investment plan continues to make the best use of available funds in supporting the Commonwealth's transportation needs.

Over the next several months, MassDOT will hold a series of public workshops to determine what the Commonwealth's transportation investment needs are – both now and in the future – and how the Commonwealth can pay for those projects and services. These workshops will culminate in a plan, published in January of 2013, which will chart a generational and sustainable path to finance improvements, both big and small, to the Commonwealth's transportation system.



Debt Affordability Analysis

The Patrick-Murray Administration's capital investment program continues to be guided by three key principles: (1) affordability, (2) strategic prioritization of capital investments, and (3) transparency. The Commonwealth faces a backlog of needed capital projects; at the same time, it faces the constraints of a challenging, albeit improving, economic climate and a high debt burden. In light of these challenges, it is as critical as ever that the Commonwealth take a disciplined approach to capital budgeting that is guided by the three principles stated above.

The Patrick-Murray Administration is the first Administration to develop a debt affordability analysis and policy to ensure that the amount of debt issued to fund the capital investment program is kept to affordable levels. The debt affordability analysis is formally updated each year. This report is the Administration's sixth publication of the debt affordability analysis and five-year capital investment plan. With respect to strategic prioritization of capital investments, the Patrick-Murray Administration is the first to engage in a thorough process of reviewing and prioritizing capital investment needs and developing a comprehensive five-year capital investment plan within the fiscal constraints prescribed by the debt affordability analysis and policy. Finally, with respect to transparency, the Administration publishes its debt affordability analysis and its five-year capital investment plan (www.mass.gov/eoaf) in order to enhance public understanding of the Commonwealth's capital investment program and thereby improve public discourse and accountability with respect to the capital budget.

This debt affordability analysis addresses the first of the key principles guiding the Administration's approach to capital budgeting – affordability. The debt affordability analysis detailed below is an update to the analysis published in November 2011. The Administration will continue to update this analysis at least annually to inform its annual capital budgeting process.

In setting the annual administrative bond cap, the Administration has established a policy which sets a cap that will ensure debt service does not exceed 8% of annual budgeted revenues. By keeping total annual debt service within this limit, the Administration will be able to maximize needed capital investments while ensuring that debt service levels remain affordable.

For purposes of constraining growth in debt, the Administration has placed another restriction on its debt capacity model: growth in the annual bond cap for the regular capital program is limited to not more than \$125 million each year (excluding carry forwards of unused bond cap from prior years). This limit will apply even if in some years the actual revenue growth projection provides capacity to issue a greater amount of debt. This additional constraint ensures stable and manageable growth and avoids taking on an unaffordable long-term debt burden on the basis of unusually robust short-term revenue growth.



In addition to reflecting the current fiscal environment, it is important that the debt affordability analysis continue to be based in part on longer-term, historic trends rather than simply being reactive to current economic conditions. Trends reflecting experience over time are particularly relevant in the context of evaluating the affordability of long-term debt issued to fund investments in long-lived capital assets pursuant to a multi-year capital investment plan.

This debt affordability analysis is consistent with the basic analytical approach presented in the debt affordability analyses published previously. All of the underlying assumptions have been reviewed and, where appropriate, updated to reflect new information and revised outlooks.

Based on the debt affordability analysis and policy described in more detail below, the Administration has set the annual borrowing limit - or “administrative bond cap” – to fund the Commonwealth’s regular capital budget for fiscal year 2013 at \$1.875 billion. This is the same bond cap level for fiscal year 2013 that was projected in the five-year capital investment plan published in November 2011. As this analysis demonstrates, the planned bond cap levels for fiscal years 2013 through 2017, together with the continuation of the planned borrowings for the Accelerated Bridge Program and self-supporting project financings, represent an affordable level of new debt that will allow the Commonwealth to responsibly invest in the general capital infrastructure needs of the state.

Introduction

The Commonwealth borrows funds through the issuance of bonds and notes to fund the large majority of its capital investments. The issuance of bonds and notes to fund capital projects must be approved by a two-thirds vote of each house of the Legislature. The Governor determines the timing and amount of any authorized debt issuances. At the request of the Governor and with his approval, the State Treasurer is responsible for the issuance of the debt. The Governor, through the Executive Office for Administration and Finance (A&F), approves and manages the capital budget and the allocation of debt proceeds to pay the costs of authorized projects.

In addition to direct debt,¹ the Commonwealth has a number of other debt-like, long-term liabilities. These liabilities include contract assistance payments and contingent liabilities. Contract assistance payments are made by the Commonwealth to some independent authorities and political subdivisions of the state to support all or a portion of the debt service on certain bonds issued by such entities. Some of these contract assistance payment liabilities of the Commonwealth are secured by a general obligation pledge of the Commonwealth and others are subject to annual appropriation

¹ “Direct” debt includes general obligation debt (secured by a pledge of the full faith and credit of the Commonwealth), special obligation debt (secured by a pledge of receipts credited either to the Commonwealth Transportation Fund, formerly the Highway Fund, or to the Convention Center Fund), and federal grant anticipation notes (secured by a pledge of federal highway construction grants).



by the Legislature.² Contingent liabilities of the Commonwealth exist with respect to certain debt issued by independent authorities and agencies of the Commonwealth. These obligations are expected to be paid by the issuing entities, but the Commonwealth has guaranteed payment of debt service or replenishment of reserves if expected payment sources are inadequate.³

Statutory Debt Limits

Legislation enacted in December 1989, and amended in August 2012, restricts the amount of the Commonwealth's outstanding direct debt.⁴ As recently amended, this legislation imposes a "statutory debt limit" of \$17.07 billion in fiscal year 2012 and set the limit for each subsequent year at 105% of the previous fiscal year's limit. The statutory debt limit is calculated according to certain rules⁵ and excludes several direct and contingent obligations of the Commonwealth.⁶ For fiscal year 2012, the Commonwealth's outstanding direct debt subject to that limit was \$16.713 billion.⁷

Legislation enacted in January 1990 imposed a limit on debt service appropriations in Commonwealth operating budgets.⁸ Under this limit, no more than 10% of total budgeted appropriations could be spent on debt service (both interest and principal) on Commonwealth general obligation debt in any fiscal year. Payments on debt not subject to the statutory debt limit described above were also excluded from the debt service limit. As of June 30, 2011, budgeted debt service on debt subject to this

² General obligation contract assistance liabilities (which, like general obligation debt, must receive two-thirds approval of the Legislature) include certain payments to the Massachusetts Water Pollution Abatement Trust, the Massachusetts Development Finance Agency and the Massachusetts Department of Transportation, as successor to the Massachusetts Turnpike Authority. Budgetary contract assistance liabilities (which are the result of certain capital leases and other contractual agreements) include payments on behalf of the Route 3 North Transportation Improvements Association and the Saltonstall Building Redevelopment Corporation Project.

³ Contingent liabilities of the Commonwealth exist with respect to certain debt obligations of the Massachusetts Bay Transportation Authority, the Woods Hole, Martha's Vineyard and Nantucket Steamship Authority, the University of Massachusetts Building Authority, the Massachusetts State College Building Authority, the Massachusetts Housing Finance Agency and regional transit authorities.

⁴ M.G.L. Chapter 29, Section 60A.

⁵ The statutory debt limit is calculated under the statutory basis of accounting, which, unlike GAAP, measures debt net of underwriters' discount, costs of issuance and other financing costs. In addition, the statutory debt limit excludes bonds that are refunded by the proceeds of Commonwealth refunding bonds once those refunding bonds have been issued.

⁶ Debt not counted in the calculation of the statutory debt limit includes: certain Commonwealth refunding and restructuring bonds issued in 1991, federal grant anticipation notes, special obligation bonds, debt issued by certain counties that has been assumed by the Commonwealth, bonds issued to pay operating notes of the Massachusetts Bay Transportation Authority or to reimburse the Commonwealth for advances to the Massachusetts Bay Transportation Authority, certain debt issued to fund costs of the Central Artery/Tunnel project, bonds issued to finance the Massachusetts School Building Authority and bonds and notes issued to finance the Accelerated Bridge Program. Contract assistance payments, lease payments, and contingent liabilities are also excluded.

⁷ Commonwealth of Massachusetts Information Statement, September 10, 2012.

⁸ M.G.L. Chapter 29, Section 60B.



limit was approximately \$1.398 billion, representing 3.9% of total budgeted expenditures, which were approximately \$35.5 billion.⁹

Administrative Bond Cap

The statutory debt limit represents only an upper limit on the amount of direct debt the Commonwealth may incur, and does not count many types of Commonwealth debt and debt-like obligations (e.g., contract assistance payment liabilities). Since fiscal year 1991, A&F has established an “administrative bond cap” to limit annual bond issuance to affordable levels. However, growth in the bond cap has not always been based on transparent, analytical measures of affordability. Prior to the Patrick-Murray Administration, certain bonds issued outside of the stated cap do not appear to have been taken into account in determining debt affordability or in setting the annual bond cap (e.g., \$1 billion of bonds issued during fiscal years 2005 and 2006 to support the Massachusetts School Building Authority).

Existing Debt Burden

Since the Patrick-Murray Administration instituted rigorous debt affordability policies, the Commonwealth’s rankings in terms of debt burden have improved by several measures from what the Administration inherited. Nevertheless, the Commonwealth’s debt burden remains among the highest in the nation by certain measures. Moody’s Investors Service ranks Massachusetts fifth in total net tax-supported debt, sixth in total gross tax-supported debt (down from third in 2007), second in net tax-supported debt as a percentage of personal income, and second in net tax-supported debt per capita (down from first in 2007).¹⁰ Standard and Poor’s Massachusetts rankings are similar: second in tax-supported debt per capita (down from first in 2007), third in tax-supported debt as a percentage of personal income (down from second in 2007), and fourth in total tax-supported debt.¹¹

It is important to note, however, that these measures include certain debt issued by entities other than the Commonwealth for which the Commonwealth is not liable (e.g., \$4.4 billion of outstanding debt issued by the Massachusetts School Building Authority, as of June 30, 2011). In addition, these measures favor other states that have stronger county governments and other political subdivisions that issue debt to finance capital improvements that are financed by state government in Massachusetts. In fact, in the most recent U.S. Census Bureau report on the matter, Massachusetts ranked 50th out of the 50 states in terms of local debt as a percent of total debt (local and state debt)¹², indicating that relative to other states, many of the capital needs of the entire state are borne by the Commonwealth itself. Based on this statistic, it is safe to assume that Massachusetts would likely rank lower when measuring debt as a

⁹ Commonwealth of Massachusetts Information Statement, May 8, 2012.

¹⁰ Moody’s Investors Service, “2012 State Debt Medians Report”, May 22, 2012.

¹¹ Standard and Poor’s, “2011 State Debt Review”, May 25, 2011.

¹² U.S. Census Bureau, “State and Local Government Finances by Level of Government and by State: 2008”.



percentage of personal income or per capita if both state and local debt were taken into account.

In light of the Commonwealth's large outstanding debt burden and significant need for capital investment, the Patrick-Murray Administration evaluated the administrative bond cap immediately after taking office in connection with the fiscal year 2008 capital planning process and the publication of the FY2008-2012 Five-Year Capital Investment Plan. This examination and analysis focused on the affordability of the Commonwealth's current obligations and its capacity to support additional debt obligations. This report represents the fifth annual update of the analysis and the results inform the FY2013-2017 Five-Year Capital Investment Plan.

Methodology and Model for Analysis

Consistent with prior years' analysis, this updated analysis evaluates the affordability of issuing new debt, taking into account the Commonwealth's existing debt service and contract assistance payment obligations. In this analysis, affordability is measured by determining the annual amount of debt service and other debt-like payment obligations as a percentage of budgeted revenues. This measure (debt service as a percent of budgeted revenues) is a commonly accepted standard for measuring debt capacity. It provides a true indication of the relative cost of Commonwealth debt by taking into account the actual payment obligations on Commonwealth debt and the amount of revenue available to pay those obligations and other budgetary obligations.

Existing Obligations and Liabilities

A&F's debt capacity analysis includes an examination of existing Commonwealth debt service and contract assistance payment obligations. The analysis includes only the interest payments on federal grant anticipation notes (GANs); principal payments are made with grants from the Federal Highway Administration that are legally dedicated to such purpose and are not available for general budgeting purposes. Special obligation bonds secured by gas tax and motor vehicle registry fees are included in the analysis. Special obligation bonds for the Massachusetts Convention Center Authority are not included; although these bonds are obligations of the Commonwealth, they are secured and paid directly by a pledge of dedicated tax and excise revenues related to the convention center projects financed with proceeds of the bonds. Massachusetts Bay Transportation Authority (MBTA) and Massachusetts School Building Authority (MSBA) bonds are also not included because they are obligations of the respective authorities, and, although secured in part by a portion of the Commonwealth's sales tax revenues, the Commonwealth is not liable for such bonds and such sales tax revenues are legally dedicated to the MBTA and MSBA. The revenues legally dedicated for the convention center bonds and for the MBTA and MSBA bonds are not available for general budgetary purposes and are consequently not included in the budgeted revenue figures taken into account in this analysis.



Commonwealth of Massachusetts
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Appendix A - Debt Affordability Analysis

The Commonwealth's existing direct debt service obligations for fiscal years 2012 through 2017 are presented in the following table.

Table 1
Existing Direct Debt Service Obligations
Fiscal Years 2012-2017
(\$000s)

Fiscal Year	General Obligations	Federal GANs Non ABP (interest only)	Special Obligations Non ABP (gas tax only)	Federal GANs ABP (interest only)	Special Obligations ABP	Total Existing Direct Debt Service Obligations
2012	1,822,001	27,989	58,939	2,774	7,465	1,919,168
2013	1,993,433	22,608	58,922	2,774	45,794	2,123,531
2014	1,909,664	13,183	52,704	2,774	46,558	2,024,883
2015	1,848,845	5,395	52,701	2,774	46,359	1,956,074
2016	1,943,953	0	51,382	2,664	46,484	2,044,483
2017	1,579,403	0	51,752	2,418	46,601	1,680,174

Contract assistance obligations, including certain capital lease obligations that relate to major capital projects, were also included in the examination of existing Commonwealth obligations.¹³ These obligations for fiscal years 2012 through 2017 are presented in the following table.

¹³ The analysis includes major capital lease obligations, such as lease payments that support the Route 3 North Transportation Improvements Association and the Saltonstall Building Redevelopment Corporation Project, each of which are large-scale capital projects that were funded outside of the bond cap by prior administrations. Contract assistance for infrastructure development-related bonds issued by Massachusetts Development Finance Agency are not included in this analysis as they will be fully reimbursed from incremental state tax revenues resulting from the development or from other sources (see Table 6). Minor capital costs, such as equipment lease purchases made by state agencies, are funded through their respective operating budgets and are not part of the state's capital budget and, accordingly, are not included in this analysis.



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Table 2
Existing Contract Assistance Obligations
Fiscal Years 2012-2017
(\$000s)

Fiscal Year	General Obligation		Budgetary		Total Contract Assistance Obligations
	Water Pollution Abatement Trust	MassDOT (Turnpike Authority)	Route 3 North Transportation Improvements Association	Saltonstall Building	
2012	64,987	125,000	5,409	9,398	204,794
2013	62,692	125,000	1,129	9,465	198,286
2014	59,731	125,000	1,130	9,533	195,394
2015	58,272	125,000	1,128	9,627	194,027
2016	53,414	125,000	1,129	9,699	189,242
2017	46,296	125,000	1,116	9,773	182,185

Exhibit A to this Debt Affordability Analysis lists the line items in the General Appropriations Act that provide for the debt service and contract assistance payment liabilities described above. It should be noted that the appropriated amounts may not match the amounts reflected in this Debt Affordability Analysis due to more conservative assumptions in this analysis with respect to the timing of bond issues and the resulting impact on fiscal year budgets and different assumptions regarding interest rates.

Revenue Projections

The debt affordability analysis is based on projections of budgeted revenue that will be available to support debt service and other budgetary needs. The budgeted revenue projection for fiscal year 2013 is \$33.611 billion. This estimate is based in part on the tax revenue estimate of \$22.011 billion, on which the fiscal year 2013 General Appropriations Act is based. This tax revenue estimate reflects projected baseline growth of 5.4% from fiscal year 2011, and 4.5% growth after adjusting for a tax law changes and the impact of a two-day sales tax holiday enacted by the Legislature. For purposes of projecting budgeted revenue in future fiscal years, 3.00% was applied to fiscal year 2014 revenues and to each year thereafter. This is consistent with established policy of applying the lesser of (a) the compound annual growth rate (CAGR) of historical budgeted revenues, which is 4.32%; and (b) 3%.

To ensure consistency, the budgeted revenue projection for fiscal year 2013 takes into account the same revenues included in the actual budgetary revenue amounts reported in the audited statutory basis financial statements. Specifically, budgeted revenue includes all Commonwealth taxes and other revenues available to pay Commonwealth operating expenses, including debt service, pensions and other budgetary obligations. These budgeted revenue amounts do not include off-budget revenues or tax or toll revenues dedicated to the Massachusetts Department of Transportation, the Massachusetts Bay Transportation Authority, the Massachusetts School Building Authority and the Massachusetts Convention Center Authority (the debt



service obligations of these entities payable from such dedicated revenues have also been excluded from the analysis) or inter-fund transfers from budgeted funds, such as the Stabilization Fund. Any one-time federal stimulus funding received (or expected to be received) pursuant to the American Recovery and Reinvestment Act of 2009 (ARRA) in fiscal years 2009, 2010 and 2011 has been excluded from the calculation of budgeted revenues for purposes of this debt affordability analysis.

Actual and projected budgeted revenues are shown in the table below.

Table 3
Actual and Projected Budgeted Revenues
 (\$000s)

Fiscal Year	Budgeted Revenues (Excluding ARRA Revenues)	Annual Growth Rate	Compound Annual Growth Rate
2002	21,174,800	n/a	4.32%
2003	21,987,200	3.84%	
2004	23,988,400	9.10%	
2005	24,373,400	1.60%	
2006	26,305,600	7.93%	
2007	28,615,900	8.78%	
2008	30,313,200	5.93%	
2009	28,412,300	-6.27%	
2010	29,125,400	2.51%	
2011	31,690,320	8.81%	
2012	32,314,700	1.97%	Projections
2013	33,610,700	4.01%	
2014	34,619,021	3.00%	
2015	35,657,592	3.00%	
2016	36,727,319	3.00%	
2017	37,829,139	3.00%	

As a starting point for the analysis of future debt capacity, the following table shows existing debt service and contract assistance payment obligations in fiscal year 2012 and in each of the next five fiscal years as a percentage of the budgeted revenue projection for each of those fiscal years.



Table 4
Existing Debt Obligations as Percentage of Budgeted Revenue
Fiscal Years 2012-2017
(\$000s)

Fiscal Year	Existing Direct Debt Service	Existing Contract Assistance	Total Existing Obligations	Projected Budgeted Revenue	Debt Service as % of Budgeted Revenue
2012	1,919,168	204,794	2,123,962	32,314,700	6.57%
2013	2,123,531	198,286	2,321,817	33,610,700	6.91%
2014	2,024,883	195,394	2,220,277	34,619,021	6.41%
2015	1,956,074	194,027	2,150,101	35,657,592	6.03%
2016	2,044,483	189,242	2,233,725	36,727,319	6.08%
2017	1,680,174	182,185	1,862,359	37,829,139	4.92%

Accelerated Bridge Program

In fiscal year 2009, the Commonwealth launched a new capital investment program known as the “Accelerated Bridge Program” (“ABP”). The Accelerated Bridge Program is a \$2.984 billion, eight-year program to rehabilitate and repair bridges in the Commonwealth that are structurally-deficient or that would otherwise become structurally-deficient within the next few years. The Accelerated Bridge Program is being financed with a combination of two sources: (1) special obligation bonds secured by the Commonwealth Transportation Fund and (2) federal grant anticipation notes.

The following table shows the cumulative to date and projected ABP spending between fiscal years 2009 and 2017. In December 2010, the Commonwealth issued the inaugural series of bonds to support ABP: \$100 million in grant anticipation notes and \$576.125 million in Commonwealth Transportation Fund special obligation revenue bonds. In May 2012, \$419.260 million in additional Commonwealth Transportation Fund special obligation bonds were issued.



Table 5
Accelerated Bridge Program Spending
Fiscal Years 2009-2017
(\$000s)

Fiscal Year	Actual Spending	Cumulative Spending	Bonds Issued To Date	Projected Financing Needs
2009	90,929	90,929	-	-
2010	206,819	297,748	-	-
2011	309,602	607,351	676,125	-
2012	298,292	905,642	1,095,385	-
2013	-	-	-	360,451
2014	-	-	-	560,537
2015	-	-	-	532,490
2016	-	-	-	435,088
2017	-	-	-	178,346

In addition to addressing the public safety and transportation concerns posed by the Commonwealth's backlog of structurally-deficient bridges, the Accelerated Bridge Program is an intentional effort on the part of the Commonwealth to generate hundreds of millions of dollars of cost savings by doing these needed bridge projects sooner than it otherwise would. These savings will result from avoided cost inflation and avoided costs of further deferring maintenance and repair of the bridges.

In an effort to achieve the public safety and cost savings benefits through the acceleration of investment in structurally-deficient bridges, the amounts borrowed and expended for ABP are in addition to the bond cap for the regular capital program. The debt service impact of the Accelerated Bridge Program financing is, however, taken into account for purposes of determining the affordable level of debt to fund the regular capital program each year within the 8% of budgeted revenue limit described herein. Specifically, the principal and interest payable on any Commonwealth Transportation Fund revenue bonds and the interest payable on any federal grant anticipation notes issued to finance ABP is included in the total debt service payment obligations that must be constrained within 8% of budgeted revenues (principal on the federal grant anticipation notes is payable from future federal grants which are not included in budgeted revenue). This treatment of the Accelerated Bridge Program Commonwealth Transportation Fund revenue bond and federal grant anticipation note debt service is consistent with the manner in which this debt affordability analysis treats the Commonwealth's other outstanding special obligation gas tax bonds and federal grant anticipation notes.



The impact of ABP will be to constrain the bond cap in future years. As the debt service impact of the debt issued to finance the program increases over the next few years, there will be less capacity than there otherwise would be to issue new debt to fund the regular capital program within the prescribed limits. The reduced future capacity will result in less funding for transportation capital projects in future years than there otherwise would be. However, by accelerating this future borrowing capacity (as well as accelerating the future federal grant spending capacity through the issuance of the federal grant anticipation notes) to invest in structurally-deficient bridge projects that must be undertaken throughout the Commonwealth, ABP will ensure that these projects are done cheaper and sooner than they otherwise would be.

Self-Supporting Project Financings

Unlike past practice in Commonwealth capital budgeting, the Patrick-Murray Administration is taking all debt service and debt-like payment obligations into account in determining the appropriate level of annual borrowing pursuant to the policy set forth in this report. The Administration recognizes, however, that exceptions to this policy may be justified in limited circumstances where a project financed with debt payable by the Commonwealth directly or indirectly generates new state revenue or budgetary savings that is targeted to the payment of such debt. In these limited circumstances, the Administration will exclude the debt from the annual bond cap and will exclude such debt service payment obligations from the debt affordability analysis. In the instances where such debt service is supported by a new or budgeted stream of state revenue, the related new revenue used to pay such obligations will also be excluded from the analysis set forth herein for purposes of determining the annual bond cap.

There are three examples of debt the Administration will exclude from the annual bond cap and debt affordability analysis. The first is debt that the Massachusetts Development Finance Agency issues for public infrastructure improvements necessary to support significant new private development, pursuant to the infrastructure investment incentive program known as “I-Cubed”. This debt will be excluded because the Commonwealth will ultimately be responsible for funding *only* the portion of the related debt service that is supported by new state tax revenue generated from the related private development. The second example of debt that will be excluded from the debt affordability analysis is debt the Administration issues to fund fire training facility projects as legislation authorizes the Commonwealth to raise the amounts needed to fund the related debt service costs for such projects through assessments on property insurance policies. The third example is debt associated with the Clean Energy Investment Program initiated by the Governor in January 2010 in which the Commonwealth issues general obligation bonds to fund energy efficiency and renewable energy projects at state facilities. These projects result in energy cost savings from less energy use and a portion of the related budgetary savings will be used to cover the debt service associated with the general obligation bonds issued to finance the projects. The table below shows the amounts of incremental tax revenue, assessments, and captured energy savings projected to be applied to pay debt service



on bonds issued to fund the construction of the infrastructure development projects, fire training facilities and energy efficiency projects, respectively.

Table 6
Self-Supporting Project Financings
Fiscal Years 2012-2017
(\$000s)

Fiscal Year	Infrastructure Development Projects Debt Service	DFS Insurance Assessments	Energy Efficiency Projects Debt Service	Total Self-Supporting Debt Service
2012	2,165	2,514	695	5,375
2013	3,286	2,747	3,825	9,858
2014	4,825	3,050	11,394	19,270
2015	6,067	3,158	18,437	49,371
2016	7,604	3,158	22,787	49,372
2017	9,138	3,158	25,817	49,373

Consistent with the approach described above, Table 8 excludes the above amounts listed for Infrastructure Development Projects Debt Service and DFS Insurance Assessments from both the debt service and the budgeted revenue estimates, and excludes Energy Efficiency Projects Debt Service from projected debt service estimates. The Commonwealth is currently exploring similar treatment for information technology projects where all or part of debt service costs could be paid from operating budget savings or increased revenue.

Fiscal Year 2013-2017 Debt Issuance Modeling

In analyzing potential levels of debt issuance to fund the Commonwealth’s capital spending plan for the next five years, the Patrick-Murray Administration has made the following conservative and fiscally responsible assumptions:

- Timing of Debt. All debt issued to fund the capital spending program, including the Accelerated Bridge Program, is assumed to be issued at the start of the fiscal year in which it will be spent. This assumption is conservative for modeling purposes, as it results in the debt service impact of bonds issued in a fiscal year being assumed as early as possible.
- Term of Debt. Although the Commonwealth has the statutory authority to issue virtually all of its authorized debt for a term of up to 30 years and the useful life of significantly more than one-third of the Commonwealth’s annual capital investments are for assets with a useful life of 30 years or longer, the Administration has adopted a policy of issuing not more than one-third of the debt it issues each year to fund the regular capital program for a term of 30 years. Consequently, this analysis assumes that one-third of the debt to be issued each year to fund the regular capital program will have a 30-year term and two-thirds of the debt to be issued each year will have a 20-year term. For the Accelerated



Bridge Program financing, all of the federal grant anticipation notes are expected to be paid by fiscal year 2027 and this analysis assumes that one-third of the special obligation Commonwealth Transportation Fund revenue bonds will have a 30-year term and two-thirds will have a 20-year term.

- Interest Rates. The interest rate used for 20-year debt and for the federal grant anticipation notes for the Accelerated Bridge Program is 4.25%, which is conservatively above the 3.97% average of the 24 month period ending September 20, 2012 of the Bond Buyer 11 Index.¹⁴ The interest rate used to model the 30-year debt is 4.50%, reflecting the approximate spread between 20 and 30-year general obligation bonds according to municipal market data published in The Bond Buyer.
- Principal Amortization. Consistent with past practice by the Commonwealth, the principal on bonds issued for a 20-year term is structured to result in level annual debt service payments over that 20-year period and the principal on bonds issued for a 30-year term is structured to result in level annual debt service payments over that 30-year period.

In setting the annual administrative bond cap, the Administration has established a policy which sets a cap that will ensure debt service does not exceed 8% of annual budgeted revenues. By keeping total annual debt service within this limit, the Administration will be able to maximize needed capital investments while ensuring that debt service levels remain affordable.

For purposes of constraining growth in debt, the Administration has placed another restriction on its debt capacity model: growth in the annual bond cap for the regular capital program is limited to not more than \$125 million each year (excluding carry forwards of unused bond cap from prior years). This limit will apply even if in some years the actual revenue growth projection provides capacity to issue a greater amount of debt. This additional constraint ensures stable and manageable growth and avoids taking on an unaffordable long-term debt burden on the basis of unusually robust short-term revenue growth.

The table below shows the level of annual bond funding planned to meet projected capital investment needs to be funded within the bond cap and Accelerated Bridge Program.

¹⁴ The Bond Buyer 11 Index tracks the interest rates of 11 issues of 20-year municipal debt with a double-A credit rating.



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Appendix A - Debt Affordability Analysis

Table 7
Capital Spending
Fiscal Years 2012-2017
(\$000s)

Fiscal Year	Bond Cap	ABP
2012	1,750,000	298,292
2013	1,875,000	360,451
2014	2,000,000	560,537
2015	2,125,000	532,490
2016	2,125,000	435,088
2017	2,125,000	178,346

As shown in Table 8, funding the annual bond cap and the Accelerated Bridge Program in the amounts shown above, together with the existing obligations, results in total projected annual debt service as a percent of budgeted revenues that is within the 8% limit described above.¹⁵

Table 8
Projected Annual Debt Service as a Percentage of Budgeted Revenues
Fiscal Years 2012-2017
(\$000s)

Fiscal Year	Debt Service				Budgeted Revenue Growth (Less Self Supporting Projects)	Total Annual Debt Service as % of Revenues
	Total Existing Obligations	Cumulative New Debt Service from Annual Bond Cap	Cumulative New Debt Service from ABP	Total Annual Debt Service		
2012	2,123,962		0	2,123,962	32,310,021	6.57%
2013	2,321,817	132,395	20,945	2,475,157	33,604,667	7.37%
2014	2,220,277	273,615	49,952	2,543,845	34,611,145	7.35%
2015	2,150,101	423,662	75,968	2,649,731	35,648,368	7.43%
2016	2,233,725	573,710	95,949	2,903,383	36,715,024	7.91%
2017	1,862,359	723,757	102,207	2,688,323	37,829,139	7.11%

¹⁵ Table 8 excludes debt service on infrastructure development projects, fire fighting academy projects and energy efficiency projects which are self-supporting and funded with incremental new tax revenues or assessments and budgetary savings, respectively. Table 8 also excludes an equal amount from Budgeted Revenue for those projects, excluding budgetary savings resulting from energy efficiency projects. (See Table 6.)



The Patrick-Murray Administration will revisit the assumptions underlying this affordability model each year as part of the development of the following fiscal year's capital investment plan to adjust the model's assumptions as needed to reflect new trends in revenue growth, interest rates, and other factors. The Administration will also reassess the debt capacity model as a whole, including the limitations of keeping debt service below 8% of budgeted revenues and of keeping maximum annual bond cap increases for the regular capital program to the levels prescribed in this report, to ensure that it continues to be an appropriate and responsible model for measuring the Commonwealth's debt capacity in the future.

Exhibit A

FY2013 General Appropriations Act

Debt Service and Contract Assistance Payment Line Items

Account	Description
0699-0015	Consolidated Long Term Debt Service
0699-0014	Accelerated Bridge Program Debt Service
0699-2005	CA/T Debt Service
0699-9101	Federal Grant Anticipation Notes
0699-0018	Agency Debt Service Programs
1599-0093	Water Pollution Abatement Trust Contract Assistance
1599-1970	Massachusetts Department of Transportation Contract Assistance
1599-0050	Route 3 North Contract Assistance
1599-1977	Commonwealth Infrastructure Investment Assistance Reserve
1102-3224	Saltonstall Building Lease



Commonwealth of Massachusetts
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Appendix B – Bond Bills

Bond Bills	
Immediate Needs	On March 23, 2007, the Governor approved a \$1.8 billion immediate needs bond authorization. The legislation provided for the completion of on-going capital projects, federal funding for transportation projects and funding for urgent capital investment needs of the Commonwealth including projects related to state buildings, energy and environment, public safety, health and human services, and transportation.
Transportation	On April 17, 2008, the Governor approved a \$1.6 billion bond bill for transportation improvements which will leverage an additional \$1.9 billion in federal reimbursements. This legislation included \$150 million for Chapter 90 grants to cities and towns for local roads and bridges in fiscal 2009 and \$700 million for certain mass transit improvements required as part of the state implementation plan. On August 8, 2008, the Governor approved a second transportation bond bill authorizing \$1.445 billion for road and bridge projects and other transportation-related capital investments. On April 11, 2011 and June 29, 2012 the Governor approved two \$200 million bond bills for local Chapter 90 road and bridge construction. On August 9, 2012 the Governor approved an additional \$885 million bond authorization in order to leverage federal funding for transportation improvement projects totaling \$1.5 billion. This authorization will provide the funding necessary to continue current transportation projects through FY2013.
Housing	On May 29, 2008, the Governor approved a \$1.275 billion affordable housing bond bill which includes \$500 million for the preservation and improvement of the Commonwealth's 50,000 units of state-owned public housing. The legislation also provides authorization for various programs that subsidize the development and preservation of privately owned affordable housing, including \$200 million for the Affordable Housing Trust Fund and \$125 million for the Housing Stabilization Fund.
Life Sciences	On June 16, 2008, the Governor approved legislation in support of the life sciences industry. Among other initiatives and provisions relating to the Massachusetts Life Sciences Center, the legislation authorizes borrowing \$500 million over a 10-year period to fund capital investments and infrastructure improvements around the state to support the life sciences industry.
Broadband	On August 4, 2008, the Governor approved legislation creating a Massachusetts Broadband Institute within the Massachusetts Technology Collaborative. The Institute is to administer a new Broadband Incentive Fund, to be capitalized by general obligation bonds in the amount of \$40 million, to invest in long-lived, publicly owned broadband infrastructure, enabling private firms to partner with the state to connect the Commonwealth's unserved and underserved communities to broadband services.
Bridges	On August 4, 2008, the Governor approved legislation authorizing \$2.984 billion in Commonwealth bonds to finance an accelerated structurally deficient bridge program. The program, which was developed in collaboration with the State Treasurer, is expected to finance over 250 bridge projects over the next eight years with approximately \$1.9 billion of special obligation bonds secured by a portion of the gas tax and \$1.1 billion of grant anticipation notes secured by future federal funds. By accelerating the investment in bridges, the Commonwealth expects to realize hundreds of millions of dollars of savings from avoided inflation and deferred maintenance costs.
Higher Education	On August 7, 2008, the Governor approved a \$2.2 billion higher education bond authorization. The legislation includes authorizations for new buildings, renovation projects and capital improvements at each of the Commonwealth's public higher education campuses. Of the \$2.2 billion total authorization, \$1.2 billion will be dedicated to capital investments at state and community colleges, and \$1 billion will be dedicated to capital investments at the University of Massachusetts. The authorized amounts are expected to be expended over a ten-year period.
General Government	On August 11, 2008, the Governor approved a \$3.3 billion general government bond bill making targeted investments in public safety, city and town facilities, state buildings, and information technology systems. Included in the bill is authorization to assist communities with local infrastructure needs, improvements to state and county correctional facilities, improvements to court facilities throughout Massachusetts and capital repairs, on-going maintenance and unforeseen emergency capital needs at state office buildings and facilities. The legislation also authorizes targeted infrastructure investments to spur economic development in our communities. To enhance government services provided to all citizens of the Commonwealth, the legislation includes funding to modernize critical state information technology systems, including funding to replace and upgrade the outdated and overburdened systems at the Department of Revenue and the Registry of Motor Vehicles.
Energy & Environment	On August 14, 2008, the Governor approved a \$1.64 billion land, parks and clean energy bond bill. This legislation includes funding for land protection and acquisition and funding to enhance state parks and rebuild related infrastructure. The legislation also includes authorization for new programs to address environmental challenges.



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Five-Year Capital Investment Plan – FY2013-2017
Appendix B – Bond Bills

**Economic
Development**

On August 5, 2010, the Governor approved an economic development bill, which, among other matters, provided for the recapitalization of key economic development programs financed through the Commonwealth's capital plan. On August 7, 2012 the Governor approved an economic development bill which formally creates the MassWorks Infrastructure Program, creates the Local Infrastructure Development Program, increases funding for the I-Cubed program, and creates new, innovative programs in order to spur investment and growth in manufacturing, business development, and the innovation economy.

					2013				
					Approved by Funding Source				
Cap Agency		Project Name	Location	Policy Area	State Bond Cap	Project Financed	Federal Funds	Other Funds (third party, ABP, etc)	Total
EOAF	A004	ARRA Matching Grant - Ware	Ware	Community Investments	700,000				700,000
EOAF	A005	Barnstable Bulkhead Reconstruction and Dredging	Barnstable	Community Investments	1,595,197			530,000	2,125,197
EOAF	A007	Board of Library Commissioners - Library Construction Grants	Statewide	Community Investments	16,500,000				16,500,000
EOAF	A010	Cultural Facilities Fund	Statewide	Community Investments	5,000,000				5,000,000
EOAF	A012	Equipment for Vocational Schools	Statewide	Community Investments	1,000,000				1,000,000
EOAF	A013	Haverhill Stadium Improvements	Haverhill	Community Investments	71,849				71,849
EOAF	A014	Historic Preservation Grants	Statewide	Community Investments	1,550,000				1,550,000
EOAF	A021	Thompson Street School Historic Renovation	New Bedford	Community Investments	460,000				460,000
EOAF	A022	Water Pollution Abatement Trust -- State Match	Statewide	Community Investments	12,943,400				12,943,400
EOAF	A023	Water Pollution Abatement Trust - Title V Community Septic Loan Program	Statewide	Community Investments	1,500,000				1,500,000
EOAF	A024	Springfield Union Station Parking Garage	Springfield	Community Investments	5,420,000			1,807,000	7,227,000
EOAF	A025	Levi Standish House	New Bedford	Community Investments				500,000	500,000
EOAF	D002	Seaport Council	Statewide	Community Investments	11,000,000				11,000,000
EOAF	D003	Zoo New England Capital Costs	Statewide	Community Investments	2,000,000				2,000,000
EOEA	E020	Salisbury Town Creek	Salisbury	Community Investments	185,000				185,000
EOEA	E022	Coastal Pollutant Remediation (CPR) Grants	Statewide	Community Investments	400,000		400,000		800,000
EOEA	E039	Boston Public Market	Boston	Community Investments	1,480,000				1,480,000
EOEA	E044	Urban Park Community Investment Grant Programs	Statewide	Community Investments	15,300,000				15,300,000
EOEA	E071	Columbia Greenway Bike Trail Design and Construction, Westfield	Westfield	Community Investments	2,000,000				2,000,000
DHCD	H005	Community Development Block Grant	Statewide	Community Investments			27,738,930		27,738,930
DHCD	H015	Urban Revitalization Development Grant Program (URDG)	Statewide	Community Investments	3,696,306				3,696,306
EOEA	R009	Ponkapoag Golf Course Irrigation Design Engineering and Construction	Canton	Community Investments	155,000				155,000
EOEA	R035	Canton Airport Site Remediation	Canton	Community Investments	4,300,000				4,300,000
EOEA	R042	Jackson Square Complex	Boston	Community Investments	1,886,333				1,886,333
EOEA	R053	Upper Bondsville Dam in Belchertown	Belchertown	Community Investments	350,000				350,000
EOEA	R054	Town Brook Dam in Plymouth	Plymouth	Community Investments	750,000				750,000
EOEA	R056	Longhorn Beetle Treeing Initiative	Worcester	Community Investments	1,500,000				1,500,000
EOTC	T009	Chapter 90 - Municipal Roads and Bridges	Statewide	Community Investments	200,000,000				200,000,000
Community Investments Total					291,743,085		28,138,930	2,837,000	322,719,015
DCAM	B056	Essex Sheriff's Department Intake Center	Middleton	Corrections	5,000,000				5,000,000
DCAM	B061	Middlesex Jail and House of Correction Project	Statewide	Corrections	4,500,000				4,500,000
DCAM	B067	Hampden Sheriff's Department - Western MA Women's Correctional Facility	Chicopee	Corrections	9,500,000				9,500,000
DCAM	B069	Hayes Report Retrofits for Suicide Prevention - Correctional Facilities	Walpole	Corrections	2,000,000				2,000,000
DCAM	B082	Facility Plan for MCI Framingham	Framingham	Corrections	300,000				300,000
DCAM	B120	Suffolk Sheriff's Department - Glazing and Sealant Repairs	Boston	Corrections	1,509,005				1,509,005
DCAM	B121	Suffolk Sheriff's Department Roof Reconstruction	Boston	Corrections	8,400,000				8,400,000
DCAM	B139	Worcester Sheriff's Department - Strategic and Facility Plan Study	West Boylston	Corrections	170,000				170,000

Cap Agency		Project Name	Location	Policy Area	State Bond Cap	Project Financed	Federal Funds	Other Funds (third party, ABP, etc)	Total
DCAM	B172	Norfolk DOC Potable Water and Conservation	Norfolk	Corrections	500,000				500,000
DCAM	B192	Relocation Costs for Middlesex Sheriff at EJS	Cambridge	Corrections	3,500,000				3,500,000
EOPS	S003	Department of Correction Equipment	Statewide	Corrections	1,500,000				1,500,000
EOPS	S010	Department of Correction Radio Replacement	Statewide	Corrections	505,000				505,000
Corrections Total					37,384,005				37,384,005
DCAM	B004	New Lowell Trial Court	Lowell	Courts	1,200,000				1,200,000
DCAM	B036	New Middlesex Justice Center Project	Cambridge	Courts	8,923,604				8,923,604
DCAM	B066	Greenfield Trial Court Renovation	Greenfield	Courts	4,800,000				4,800,000
DCAM	B072	Independent Heating Plant for 3rd District Court Cambridge	Cambridge	Courts	600,000				600,000
DCAM	B104	Various Construction Costs - Trial Court	Statewide	Courts	1,200,000				1,200,000
DCAM	B110	Salem Probate & Family Court Renovation	Salem	Courts	596,000				596,000
DCAM	B117	Strategic Master Plan for Courts	Statewide	Courts	500,000				500,000
DCAM	B119	Suffolk County Courthouse - Highrise Exterior Envelope	Boston	Courts	350,000				350,000
DCAM	B144	Taunton Superior Court Renovation	Taunton	Courts	1,000,000				1,000,000
DCAM	B198	Haverhill District Court Renovation	Haverhill	Courts	1,000,000				1,000,000
Courts Total					20,169,604				20,169,604
EOAF	A003	"I-cubed" Economic Development Projects	Statewide	Economic Development		25,000,000			25,000,000
EOAF	A008	Broadband Initiative	Statewide	Economic Development	21,599,706			10,293,393	31,893,099
EOAF	A009	Capital Improvements at Devens	Devens	Economic Development	3,000,000				3,000,000
EOAF	A016	Life Sciences Capital Program	Statewide	Economic Development	55,000,000				55,000,000
EOAF	D001	MassWorks - Infrastructure Grant Awards	Statewide	Economic Development	53,640,000				53,640,000
EOAF	D029	Economic Development Investments	Statewide	Economic Development	5,000,000				5,000,000
EOAF	D030	Infrastructure Development Fund Projects, St.2011, c.142	Statewide	Economic Development				14,620,000	14,620,000
Economic Development Total					138,239,706			24,913,393	188,153,099
EOAF	A017	New Bedford Marine Commerce Terminal	New Bedford	Energy And Environment	29,000,000			2,000,000	31,000,000
DCAM	B041	Accelerated Energy Program (AEP)	Statewide	Energy And Environment	32,700,000	85,000,000		8,000,000	125,700,000
DCAM	B043	New DCR Maintenance Facility in Cambridge	Cambridge	Energy And Environment	10,000			700,000	710,000
DCAM	B046	Division of Fish and Wildlife Headquarters	Westborough	Energy And Environment	8,100,000				8,100,000
DCAM	B181	Various Construction Costs - Environmental Affairs	Statewide	Energy And Environment	25,000				25,000
EOEA	E018	Wetlands Change/Protection Project	Statewide	Energy And Environment	200,000				200,000
EOEA	E019	Agricultural Environmental Enhancement Program (AEEP)	Statewide	Energy And Environment	250,000				250,000
EOEA	E021	Agricultural Project Operations	Statewide	Energy And Environment	350,000				350,000
EOEA	E023	Coastal Resource Protection Program Support	Statewide	Energy And Environment	450,000		450,000		900,000
EOEA	E024	Marine Fisheries Institute Facility Repair	Statewide	Energy And Environment	500,000				500,000
EOEA	E025	Boat Ramp Construction and Maintenance	Statewide	Energy And Environment	700,000				700,000
EOEA	E026	Ambient Air Monitoring	Statewide	Energy And Environment	736,000				736,000
EOEA	E027	Ludlow Mills Remediation	Ludlow	Energy And Environment	750,000				750,000
EOEA	E028	EEA Project Operations	Statewide	Energy And Environment	821,000				821,000

Cap Agency		Project Name	Location	Policy Area	State Bond Cap	Project Financed	Federal Funds	Other Funds (third party, ABP, etc)	Total
EOEA	E029	Sustainable Water Management Initiative (SWMI)	Statewide	Energy And Environment	1,634,000				1,634,000
EOEA	E030	Emergency Response Risk Reduction & Remediation	Statewide	Energy And Environment	1,000,000				1,000,000
EOEA	E031	Farm Viability Enhancement Program (FVEP)	Statewide	Energy And Environment	1,000,000				1,000,000
EOEA	E032	River Revitalization & Riverine Habitat Restoration	Statewide	Energy And Environment	1,250,000				1,250,000
EOEA	E034	Executive Office of Energy and Environment Land Planning	Statewide	Energy And Environment	1,200,000				1,200,000
EOEA	E035	Federal Superfund Site Restoration	Statewide	Energy And Environment	1,400,000				1,400,000
EOEA	E036	Solid Waste Management and Recycling Program	Statewide	Energy And Environment	1,564,000				1,564,000
EOEA	E038	Land and Habitat Programs	Statewide	Energy And Environment	2,000,000				2,000,000
EOEA	E040	EPA Match on Superfund Clean Up Sites	Statewide	Energy And Environment	3,000,000				3,000,000
EOEA	E041	Enforcement Support and Brownfields	Statewide	Energy And Environment	3,220,000				3,220,000
EOEA	E043	Land Protection Grant Programs	Statewide	Energy And Environment	4,700,000			2,750,000	7,450,000
EOEA	E045	EEA Agency Land Protection Programs	Statewide	Energy And Environment	17,000,000				17,000,000
EOEA	E074	Massachusetts Estuaries Project	Statewide	Energy And Environment	576,000				576,000
EOEA	R010	Campground Modernization Program	Statewide	Energy And Environment	200,000				200,000
EOEA	R013	Greylock Glen - Outdoor Recreation and Environmental Education Center	Adams	Energy And Environment	400,000				400,000
EOEA	R014	Recreational Facility Improvements	Statewide	Energy And Environment	800,000				800,000
EOEA	R015	Dam Maintenance and PL 566 Flood Control	Statewide	Energy And Environment	600,000				600,000
EOEA	R016	Landscape Improvements	Statewide	Energy And Environment	600,000				600,000
EOEA	R019	Working Forest Preservation Restriction	Statewide	Energy And Environment	750,000				750,000
EOEA	R020	Winthrop Shores Restoration - Design and Construction	Winthrop	Energy And Environment	10,000,000				10,000,000
EOEA	R022	Comfort Station Rehabilitation	Statewide	Energy And Environment	1,000,000				1,000,000
EOEA	R023	DCR Equipment	Statewide	Energy And Environment	1,000,000				1,000,000
EOEA	R025	Muddy River Flood Control and Historic Preservation Project	Boston	Energy And Environment	3,200,000				3,200,000
EOEA	R026	Rink Maintenance, Rehabilitation and Improvements	Statewide	Energy And Environment	1,000,000				1,000,000
EOEA	R029	Public Private Partnerships Program	Statewide	Energy And Environment	1,500,000		750,000		2,250,000
EOEA	R032	Environmental Remediation (Clean State)	Statewide	Energy And Environment	3,000,000				3,000,000
EOEA	R033	Storm Water Management Program	Statewide	Energy And Environment	3,500,000				3,500,000
EOEA	R036	Deferred Maintenance & Small Repairs DCR	Statewide	Energy And Environment	5,700,000				5,700,000
EOEA	R037	Pool Maintenance, Rehabilitation and Improvements	Statewide	Energy And Environment	6,000,000				6,000,000
EOEA	R040	DCR Project Operations	Statewide	Energy And Environment	13,505,000				13,505,000
EOEA	R045	Heritage Parks Rehabilitation and Upgrades	Statewide	Energy And Environment	250,000				250,000
Energy And Environment Total					167,141,000	85,000,000	1,200,000	13,450,000	266,791,000
DCAM	B023	EHS - Campus Consolidation and Closure Planning	Statewide	Health And Human Services	75,000				75,000
DCAM	B037	Chelsea Soldiers' Home - Improvements Study	Chelsea	Health And Human Services	250,000				250,000
DCAM	B038	Chelsea Soldiers' Home - Life Safety Upgrades	Chelsea	Health And Human Services	2,300,000		3,400,000		5,700,000
DCAM	B045	DYS Renovations at Goss Building, Taunton State Hospital	Taunton	Health And Human Services	700,000				700,000
DCAM	B058	EHS system-wide Master Plan	Statewide	Health And Human Services	147,000				147,000
DCAM	B088	DYS Middleton - Northeast Regional Youth Service Center	Middleton	Health And Human Services	4,000,000				4,000,000

Cap Agency		Project Name	Location	Policy Area	State Bond Cap	Project Financed	Federal Funds	Other Funds (third party, ABP, etc)	Total
DCAM	B092	Worcester Recovery Center and Hospital	Worcester	Health And Human Services	16,000,000				16,000,000
DCAM	B103	Various Construction Costs - Executive Office of Health & Human Services	Statewide	Health And Human Services	1,760,000				1,760,000
DCAM	B123	Tewksbury State Hospital Emergency Generators	Tewksbury	Health And Human Services	750,000				750,000
DCAM	B169	Hinton Lab Elevator and Accessibility Improvements	Boston	Health And Human Services	450,000				450,000
DCAM	B184	Holyoke Soldiers' Home Improvements	Holyoke	Health And Human Services	250,000				250,000
DCAM	B185	Shattuck Hospital Study and Review	Boston	Health And Human Services	750,000				750,000
DCAM	B195	Department of Youth Services Chelmsford Study	N. Chelmsford	Health And Human Services	150,000				150,000
Health And Human Services Total					27,582,000		3,400,000		30,982,000
DCAM	B032	Berkshire Community College - Exterior Masonry Repairs	Pittsfield	Higher Education	1,500,000				1,500,000
DCAM	B033	Bridgewater State University - Conant Building Modernization	Bridgewater	Higher Education	8,000,000				8,000,000
DCAM	B034	Bristol Community College Fall River Tech Building	Fall River	Higher Education	1,400,000				1,400,000
DCAM	B054	Essex North Shore Agricultural and Technical School	Danvers	Higher Education	5,902,441				5,902,441
DCAM	B062	Fitchburg State University - Science Facility Modernization	Fitchburg	Higher Education	13,494,324				13,494,324
DCAM	B063	Framingham State University Hemenway Hall Science Center Modernization	Framingham	Higher Education				5,850,000	5,850,000
DCAM	B076	Massachusetts College of Liberal Arts - Center for Science & Innovation	North Adams	Higher Education	25,000,000				25,000,000
DCAM	B079	Massachusetts College of Art - Center for Design & Media	Boston	Higher Education	5,000,000			1,000,000	6,000,000
DCAM	B080	Massachusetts Maritime Academy Library Photovoltaics	Bourne	Higher Education	1,700,000				1,700,000
DCAM	B083	State and Community College Master Plan Updates	Statewide	Higher Education				300,000	300,000
DCAM	B084	Massachusetts College of Liberal Arts - Bowman Hall Renovation	North Adams	Higher Education	605,000				605,000
DCAM	B087	Middlesex Community College - New Academic Arts Center	Lowell	Higher Education				150,000	150,000
DCAM	B096	Northern Essex Community College - Allied Health & Tech. Building	Lawrence	Higher Education	13,000,000				13,000,000
DCAM	B097	Quinsigamond Community College- Science and Technology Building	Worcester	Higher Education	989,250				989,250
DCAM	B106	Various Construction Costs - University of Massachusetts	Statewide	Higher Education	50,000				50,000
DCAM	B107	Various Construction Costs - State & Community Colleges	Statewide	Higher Education	1,005,000				1,005,000
DCAM	B111	Salem State University - Library and Learning Commons	Salem	Higher Education	26,250,000				26,250,000
DCAM	B124	UMass Amherst - New Academic Classroom Building	Amherst	Higher Education	1,000,000			20,000,000	21,000,000
DCAM	B125	UMass Amherst - New Laboratory Science Building	Amherst	Higher Education	31,000,000				31,000,000
DCAM	B126	UMass Boston - New Integrated Science Building	Dorchester	Higher Education	12,000,000			33,000,000	45,000,000
DCAM	B127	UMass Boston - Substructure Stabilization and Alternate Parking	Dorchester	Higher Education	1,050,500				1,050,500
DCAM	B128	UMass Dartmouth - Carney Library Renovation	Dartmouth	Higher Education	8,000,000				8,000,000
DCAM	B129	UMass Dartmouth - Marine Sciences Facility Improvements	Dartmouth	Higher Education				1,500,000	1,500,000
DCAM	B130	UMass Lowell - Emerging Technology & Innovation Center	Lowell	Higher Education	2,000,000				2,000,000
DCAM	B131	UMass Lowell - South Campus Academic Facilities	Lowell	Higher Education	12,000,000				12,000,000
DCAM	B134	UMass Boston - Study of Permanent Stabilization	Boston	Higher Education	750,000				750,000
DCAM	B137	Westfield State University - New Academic Building	Westfield	Higher Education	500,000				500,000
DCAM	B141	Worcester State University - Wellness Center	Worcester	Higher Education	648,750			3,000,000	3,648,750
DCAM	B145	Roxbury Community College - Academic & Media Arts Building	Boston	Higher Education	100,000				100,000
DCAM	B149	UMass Boston - New Academic Classroom Building	Boston	Higher Education	1,000,000				1,000,000

Cap Agency		Project Name	Location	Policy Area	State Bond Cap	Project Financed	Federal Funds	Other Funds (third party, ABP, etc)	Total
DCAM	B157	Berkshire Community College - Hawthorne and Melville Halls	Pittsfield	Higher Education	300,000				300,000
DCAM	B160	Mass Bay Community College - New Allied Health Academic Building	Wellesley	Higher Education	300,000				300,000
DCAM	B164	Mt Wachusett Community College - Haley Academic Center	Leominster	Higher Education	375,000				375,000
DCAM	B166	UMass Amherst - Physical Science Building	Amherst	Higher Education	800,000				800,000
DCAM	B167	UMass Lowell - New Management Building	Lowell	Higher Education	400,000				400,000
DCAM	B177	Holyoke Community College - Health Care Facility	Holyoke	Higher Education				2,700,000	2,700,000
DCAM	B178	Massachusetts Maritime Academy - Hurley Library Renovation	Bourne	Higher Education				2,800,000	2,800,000
DCAM	B179	Springfield Technical Community College - Envelope and Power Plant	Springfield	Higher Education	1,000,000				1,000,000
DCAM	B186	Massachusetts College of Art - Building Envelope Repair	Boston	Higher Education	300,000				300,000
Higher Education Total					177,420,265			70,300,000	247,720,265
DHCD	H002	Affordable Housing Trust Fund	Statewide	Housing	35,000,000				35,000,000
DHCD	H003	Capital Improvement and Preservation Fund	Statewide	Housing	5,000,000				5,000,000
DHCD	H004	Community Based Housing	Statewide	Housing	5,000,000				5,000,000
DHCD	H006	Facilities Consolidation Fund	Statewide	Housing	7,500,000				7,500,000
DHCD	H007	Housing at Transit Nodes	Statewide	Housing	2,000,000				2,000,000
DHCD	H008	Housing Innovations Fund	Statewide	Housing	10,000,000				10,000,000
DHCD	H009	Housing Stabilization Fund	Statewide	Housing	16,000,000				16,000,000
DHCD	H010	Mass Rehab's Home Modification Loan Program	Statewide	Housing	4,000,000				4,000,000
DHCD	H011	Public Housing - Affordable Housing Trust Fund	Statewide	Housing	5,000,000				5,000,000
DHCD	H012	Public Housing - General	Statewide	Housing	90,000,000				90,000,000
Housing Total					179,500,000				179,500,000
DCAM	B113	Second Data Center Construction	Springfield	Information Technology	25,000,000				25,000,000
DCAM	B114	Equipment for Springfield Data Center	Springfield	Information Technology	13,106,015				13,106,015
EOEA	E037	Environmental Information and Public Access System (EIPAS)	Statewide	Information Technology	1,897,000				1,897,000
ITD	I008	ANF IT Consolidation	Statewide	Information Technology	688,242				688,242
ITD	I010	AGO Business Improvement	Statewide	Information Technology	202,364				202,364
ITD	I011	Comprehensive Child Data System	Statewide	Information Technology	5,921,977				5,921,977
ITD	I012	DUA QUEST Project	Statewide	Information Technology	2,377,417		4,570,483		6,947,900
ITD	I013	e-Licensing	Statewide	Information Technology	3,700,000				3,700,000
ITD	I017	eProcurement Roadmap	Statewide	Information Technology	569,577				569,577
ITD	I020	ICJIS	Statewide	Information Technology	8,850,000				8,850,000
ITD	I021	i-FamilyNet	Statewide	Information Technology	1,600,000		784,230		2,384,230
ITD	I022	Integrated Eligibility System	Statewide	Information Technology	5,991,804		25,002,283		30,994,087
ITD	I023	IT Capital Portfolio Management & Technology Services	Statewide	Information Technology	1,800,000				1,800,000
ITD	I024	IT Consolidation	Statewide	Information Technology	6,000,000				6,000,000
ITD	I025	ITD Technology Plan	Statewide	Information Technology	7,945,098				7,945,098
ITD	I027	Lottery Study	Statewide	Information Technology	200,000				200,000
ITD	I028	MAGIC Modernization	Statewide	Information Technology	370,000				370,000

Cap Agency		Project Name	Location	Policy Area	State Bond Cap	Project Financed	Federal Funds	Other Funds (third party, ABP, etc)	Total
ITD	I030	Massachusetts Budgeting Application - Phase 2	Statewide	Information Technology	385,700				385,700
ITD	I031	Massachusetts Immunization Information System	Statewide	Information Technology	541,290		200,000		741,290
ITD	I033	MassGov 2.0	Statewide	Information Technology	750,000				750,000
ITD	I034	MassCourts	Statewide	Information Technology	500,000				500,000
ITD	I036	Mass GIS	Statewide	Information Technology	750,000				750,000
ITD	I037	MassTax2	Statewide	Information Technology	28,301,793				28,301,793
ITD	I038	MITA & Meditech	Statewide	Information Technology	1,700,000		3,000,000		4,700,000
ITD	I040	New MMIS 5010 and ICD10 Conversion	Statewide	Information Technology	5,323,811		5,720,309		11,044,120
ITD	I042	Shared Application Infrastructure	Statewide	Information Technology	1,050,750				1,050,750
ITD	I043	State Auditor's Performance and Transparency Initiative	Statewide	Information Technology	1,000,000				1,000,000
ITD	I047	Transparency Open Checkbook Initiative	Statewide	Information Technology	721,000				721,000
ITD	I049	Upgrade and Expand MassMail	Statewide	Information Technology	1,000,000				1,000,000
ITD	I050	Vitals Information Partnership System	Statewide	Information Technology	1,935,993			40,000	1,975,993
ITD	I051	MassHR	Statewide	Information Technology	18,699,492				18,699,492
ITD	I052	ANF Mass Goals	Statewide	Information Technology	2,996,600				2,996,600
ITD	I053	CSE COMETS HD	Statewide	Information Technology			23,046,489		23,046,489
ITD	I054	D-TAX Enhancements	Statewide	Information Technology	2,000,000				2,000,000
ITD	I057	Oracle ULA	Statewide	Information Technology	25,000				25,000
ITD	I058	State Library Retrospective Conversion	Statewide	Information Technology	200,000				200,000
ITD	I062	Massachusetts Budget Application - Phase 3	Statewide	Information Technology	4,265,000				4,265,000
ITD	I065	Virtual Gateway Infrastructure v4 Upgrade	Statewide	Information Technology	2,050,000				2,050,000
ITD	I070	Enterprise Identity Management	Statewide	Information Technology	1,000,000				1,000,000
ITD	I072	MassData	Statewide	Information Technology	200,000				200,000
ITD	I073	MassNET	Statewide	Information Technology	850,000				850,000
ITD	I077	eProcurement Solution	Statewide	Information Technology	5,000,000				5,000,000
ITD	I079	Springfield Data Center - Treasury	Statewide	Information Technology	635,600				635,600
ITD	I087	EOE Identity Management	Statewide	Information Technology	850,000				850,000
ITD	I088	DOR Critical Infrastructure Enhancements	Statewide	Information Technology	650,000				650,000
ITD	I090	HRCMS Upgrade	Statewide	Information Technology	1,278,563				1,278,563
ITD	I091	New IT Project Pilot Program	Statewide	Information Technology	2,500,000				2,500,000
ITD	I092	Third Party Verification of IT projects	Statewide	Information Technology	1,000,000				1,000,000
Information Technology Total					174,380,086		62,323,794	40,000	236,743,880
DCAM	B053	Essex County Regional Emergency Call Center	Middleton	Public Safety				750,000	750,000
DCAM	B086	MEMA Needs Assessment	Statewide	Public Safety	90,000				90,000
DCAM	B089	New National Guard Readiness Center	Natick	Public Safety	1,500,000		4,000,000		5,500,000
DCAM	B101	Replacement Facilities For Chief Med Examiner	Holyoke	Public Safety	800,000				800,000
DCAM	B105	Various Construction Costs - Public Safety	Statewide	Public Safety	235,000				235,000
DCAM	B136	Western Massachusetts Fire Training Facility	Springfield	Public Safety		2,950,000			2,950,000

Cap Agency		Project Name	Location	Policy Area	State Bond Cap	Project Financed	Federal Funds	Other Funds (third party, ABP, etc)	Total
DCAM	B187	State Police Lower Basin Barracks Renovation & Addition	Boston	Public Safety	1,250,000				1,250,000
DCAM	B191	National Guard Worcester Renovation, Plantation Drive	Worcester	Public Safety	200,000		200,000		400,000
EOAF	D004	Military Base Infrastructure Investment Program - Natick	Natick	Public Safety	1,000,000				1,000,000
ITD	I045	State Police 800 MHz Radio Project	Statewide	Public Safety	528,430	3,940,000			4,468,430
EOEA	R012	Dam Safety and Inspection Program	Statewide	Public Safety	390,000				390,000
EOEA	R017	Charles River Dam and Amelia Earhart Dam Lock Replacement Program	Statewide	Public Safety	625,000				625,000
EOEA	R018	US Geological Survey Cooperative Programs	Statewide	Public Safety	690,000				690,000
EOEA	R024	Flood Control Annual Maintenance	Statewide	Public Safety	1,000,000				1,000,000
EOEA	R030	Waterways Division Program	Statewide	Public Safety	1,650,000				1,650,000
EOEA	R031	Dam Rehabilitation Program	Statewide	Public Safety	2,325,000				2,325,000
EOEA	R041	Emergency Storm Reimbursements	Statewide	Public Safety	700,000				700,000
EOPS	S001	Cruiser Replacement	Statewide	Public Safety	7,300,000				7,300,000
EOPS	S005	Mobile Data Terminal Replacement	Statewide	Public Safety	1,500,000				1,500,000
EOPS	S007	Public Safety Equipment	Statewide	Public Safety	500,000				500,000
EOPS	S008	Bullet Proof Vest Replacement Program	Statewide	Public Safety	350,000				350,000
EOPS	S009	Purchase of New Helicopters	Statewide	Public Safety	5,450,000				5,450,000
Public Safety Total					28,083,430	6,890,000	4,200,000	750,000	39,923,430
EOAF	A019	Reasonable Accommodation Capital Reserve Account	Statewide	State Office Buildings	150,000				150,000
DCAM	B031	ADA and Universal Access Improvements	Statewide	State Office Buildings	5,000,000				5,000,000
DCAM	B042	DCAM Project Operations	Statewide	State Office Buildings	14,400,000				14,400,000
DCAM	B050	Elevator Modernization - Transportation Building	Boston	State Office Buildings	1,170,000				1,170,000
DCAM	B074	Life Safety and Fire Alarm at State House	Boston	State Office Buildings	2,916,000				2,916,000
DCAM	B075	Life Safety Improvements at Hurley Building - Fire Alarm & Sprinklers	Boston	State Office Buildings	1,200,000				1,200,000
DCAM	B078	Deferred Maintenance - Statewide	Statewide	State Office Buildings	30,000,000				30,000,000
DCAM	B085	Medfield State Hospital Remediation	Medfield	State Office Buildings	1,500,000				1,500,000
DCAM	B102	Various Construction Costs - BSOB and Surplus Property	Statewide	State Office Buildings	50,000				50,000
DCAM	B109	Roof and Exterior Repairs at the State House	Boston	State Office Buildings	900,000				900,000
DCAM	B116	State Transportation Building - Chiller Plant Upgrade	Boston	State Office Buildings	720,000				720,000
DCAM	B171	Worcester State Hospital & Bryan Building Investment	Worcester	State Office Buildings	6,700,000				6,700,000
DCAM	B176	State House Improvements	Boston	State Office Buildings	850,000				850,000
DCAM	B188	DCAM Surplus Property Management and Maintenance	Statewide	State Office Buildings	4,000,000				4,000,000
DCAM	B189	Government Center Facility Management	Boston	State Office Buildings	2,996,760				2,996,760
DCAM	B197	Treasurer's Office Renovations	Boston	State Office Buildings	1,000,000				1,000,000
State Office Buildings Total					73,552,760				73,552,760
EOEA	R038	DCR Parkway Maintenance	Statewide	Transportation	8,000,000				8,000,000
EOEA	R039	DCR Parkway Reconstruction	Statewide	Transportation	10,000,000				10,000,000
EOEA	R055	Blue Hills Parkway	Milton	Transportation	150,000				150,000
EOTC	T002	Statewide Road and Bridge Program Non Federal Aid Construction	Statewide	Transportation	108,863,487				108,863,487

Cap Agency		Project Name	Location	Policy Area	State Bond Cap	Project Financed	Federal Funds	Other Funds (third party, ABP, etc)	Total
EOTC	T005	Accelerated Bridge Program	Statewide	Transportation				360,451,359	360,451,359
EOTC	T007	Beverly Commuter Rail Station Parking Garage	Beverly	Transportation	11,379,368				11,379,368
EOTC	T008	Central Artery Tunnel Project	Statewide	Transportation				48,000,000	48,000,000
EOTC	T010	Industrial Rail Access Program	Statewide	Transportation	3,000,000				3,000,000
EOTC	T011	Intermodal Transportation	Statewide	Transportation	3,400,000				3,400,000
EOTC	T012	Rail Purchase	Statewide	Transportation	51,300,000				51,300,000
EOTC	T013	MassDOT - Highway Division Operations	Statewide	Transportation	159,926,832		57,110,410		217,037,242
EOTC	T014	Highway Division Utility Agreements	Statewide	Transportation	3,080,000		10,920,000		14,000,000
EOTC	T015	Knowledge Corridor High Speed Rail Improvements	Statewide	Transportation	1,499,000		48,501,000		50,000,000
EOTC	T016	Mass Transit Planning	Statewide	Transportation	1,500,000				1,500,000
EOTC	T017	MassDOT - Aeronautics Division	Statewide	Transportation	15,713,428				15,713,428
EOTC	T018	MassDOT- Office of Planning and Programming	Statewide	Transportation	52,272,245		24,566,319		76,838,564
EOTC	T019	South Station Rail Line Improvements	Boston	Transportation	3,401,149		10,528,851		13,930,000
EOTC	T020	Mobility Assistance Program	Statewide	Transportation	3,000,000				3,000,000
EOTC	T021	Rail Transportation	Statewide	Transportation	3,700,000				3,700,000
EOTC	T022	Regional Transit Authority Capital Assistance	Statewide	Transportation	7,200,000				7,200,000
EOTC	T023	Salem Commuter Rail Station Improvements	Salem	Transportation	4,255,970				4,255,970
EOTC	T024	Statewide Improvement Plan - Fairmount Commuter Rail	Hyde Park	Transportation	11,156,000				11,156,000
EOTC	T025	Statewide Improvement Plan - Green Line Subway Extension	Boston	Transportation	50,984,990				50,984,990
EOTC	T027	South Coast Rail	Statewide	Transportation	3,050,000				3,050,000
EOTC	T030	Statewide Road and Bridge Federally Assisted - Interstate	Statewide	Transportation	10,030,458		73,556,691		83,587,149
EOTC	T031	Statewide Road and Bridge Federally Assisted - Non Interstate	Statewide	Transportation	96,339,580		344,280,722		440,620,302
EOTC	T036	Research & Materials	Statewide	Transportation	596,174				596,174
EOTC	T037	ALARS Modernization	Statewide	Transportation	11,000,000				11,000,000
EOTC	T039	Snow Plow Purchase for Internal Savings Pilot	Statewide	Transportation	9,000,000				9,000,000
EOTC	T040	Maximo Asset Management IT Project	Statewide	Transportation	1,160,000				1,160,000
EOTC	T043	Worcester Framingham Line Track Improvements	Statewide	Transportation	8,000,000				8,000,000
Transportation Total					652,958,681	0	569,463,993	408,451,359	1,630,874,033
Grand Total					1,968,154,622	116,890,000	668,726,717	520,741,752	3,274,513,091



ARRA Matching Grant - Ware

Project ID# A004

Fiscal Year 2013 funding from all sources: \$700,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: EPS - Office of the Secretary of Public Safety and Security

This state grant to the town of Ware provides matching funds for a \$5 million federal grant to replace the fire station.

Barnstable Bulkhead Reconstruction and Dredging

Project ID# A005

Fiscal Year 2013 funding from all sources: \$2,125,197

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This funds emergency repairs to a 30-foot section of the timber bulkhead and dredging at Barnstable Harbor. The Commonwealth is funding a portion of this project.

Board of Library Commissioners - Library Construction Grants

Project ID# A007

Fiscal Year 2013 funding from all sources: \$16,500,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: BLC - Board of Library Commissioners

The Board of Library Commissioners assists communities in developing their public libraries through the renovation and expansion of existing buildings, or the construction of new facilities.

Cultural Facilities Fund

Project ID# A010

Fiscal Year 2013 funding from all sources: \$5,000,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This funds the planning, acquisition, rehabilitation and construction of cultural facilities in Massachusetts through the Massachusetts Cultural Council.

Equipment for Vocational Schools

Project ID# A012

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: EDU - Office of the Secretary of Education

This new, proposed grant program will assist vocational schools in purchasing modern laboratory and shop equipment.

Haverhill Stadium Improvements

Project ID# A013

Fiscal Year 2013 funding from all sources: \$71,849

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This funds improvements to Haverhill Stadium, including necessary ADA compliance requirements, new turf field and critical repairs to the historic stands to address safety concerns.



Historic Preservation Grants

Project ID# A014

Fiscal Year 2013 funding from all sources: \$1,550,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: SEC - Secretary of the Commonwealth

These grants preserve historic cultural resources through a competitive application process managed by the Secretary of the Commonwealth.

Thompson Street School Historic Renovation

Project ID# A021

Fiscal Year 2013 funding from all sources: \$460,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This funds critical improvements to the former Thompson Street School, a historic landmark and important community and cultural center.

Water Pollution Abatement Trust -- State Match

Project ID# A022

Fiscal Year 2013 funding from all sources: \$12,943,400

Project managed by: Executive Office for Administration and Finance

Project to benefit: TRE - Office of the Treasurer and Receiver-General

This program funds the Commonwealth's match to secure federal dollars for the Massachusetts State Revolving Fund (SRF) for water pollution abatement and drinking water projects.

Water Pollution Abatement Trust - Title V Community Septic Loan Program

Project ID# A023

Fiscal Year 2013 funding from all sources: \$1,500,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: TRE - Office of the Treasurer and Receiver-General

WPAT and DEP administer the Community Septic Loan Program to assist homeowners in complying with the revised state environmental code for subsurface disposal of sanitary waste, Title V.

Springfield Union Station Parking Garage

Project ID# A024

Fiscal Year 2013 funding from all sources: \$7,227,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This funding will construct a 480-space parking garage in conjunction with the proposed development of the Union Station Regional Intermodal Transportation Center.

Levi Standish House

Project ID# A025

Fiscal Year 2013 funding from all sources: \$500,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance



Funding for this project will be used for the preservation and expansion of the Levi Standish House in the city of New Bedford.

Seaport Council

Project ID# D002

Fiscal Year 2013 funding from all sources: \$11,000,000

Project managed by: Executive Office of Housing and Economic Development

Project to benefit: DCR - Department of Conservation and Recreation

The Seaport Council grant program, as created by Executive Order #376, enhances and develops the deep water commercial ports of the Commonwealth, with a focus on commercial aspects of the ports.

Zoo New England Capital Costs

Project ID# D003

Fiscal Year 2013 funding from all sources: \$2,000,000

Project managed by: Executive Office of Housing and Economic Development

Project to benefit: SEA - Department of Business Development

This funds capital costs for the Massachusetts Zoological Corporation.

Salisbury Town Creek

Project ID# E020

Fiscal Year 2013 funding from all sources: \$185,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: FWE - Department of Fish and Game

This is a grant to the Town of Salisbury that will serve as a 25% local match to a federal FEMA grant that will fund the Town Creek Flood Hazard Mitigation and Wetland Restoration Project.

Coastal Pollutant Remediation (CPR) Grants

Project ID# E022

Fiscal Year 2013 funding from all sources: \$800,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs

This project will address coastal and ocean water quality and will implement coastal pollutant remediation grants to cities and towns within the watersheds coastal zone.

Boston Public Market

Project ID# E039

Fiscal Year 2013 funding from all sources: \$1,480,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: AGR - Department of Agricultural Resources

This initiative will create a permanent year-round market that will provide greater access to local agricultural, seafood, dairy and specialty foods produced in Massachusetts.

Urban Park Community Investment Grant Programs

Project ID# E044

Fiscal Year 2013 funding from all sources: \$15,300,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs



This urban park grant program includes funding for the PARC and Gateway Cities grants, as well as LAND and Municipal Drinking Water Protection.

Columbia Greenway Bike Trail Design and Construction, Westfield *Project ID# E071*

Fiscal Year 2013 funding from all sources: \$2,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs

This funds the development of the Westfield section of the Massachusetts Central Rail Trail.

Community Development Block Grant *Project ID# H005*

Fiscal Year 2013 funding from all sources: \$27,738,930

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

This funds support for community development activities including housing, economic development and infrastructure efforts.

Urban Revitalization Development Grant Program (URDG) *Project ID# H015*

Fiscal Year 2013 funding from all sources: \$3,696,306

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

Grants to assist in the implementation of state approved urban renewal projects. The program makes grant awards to municipalities of up to 50% of net project costs and is paid in twenty equal annual installments.

Ponkapoag Golf Course Irrigation Design Engineering and Construction *Project ID# R009*

Fiscal Year 2013 funding from all sources: \$155,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This funds design and construction cost at Ponkapoag Golf Course for a restoration project to improve drainage and irrigation. Restoration will allow the course to open all 36 holes for public use.

Canton Airport Site Remediation *Project ID# R035*

Fiscal Year 2013 funding from all sources: \$4,300,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This project is environmental remediation for the 338 acre former airport in Canton which was acquired by the former MDC in the 1990's. In addition, park improvements will be constructed to allow the public use of the site for passive recreation.



Jackson Square Complex

Project ID# R042

Fiscal Year 2013 funding from all sources: \$1,886,333

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This funds investment in New Recreational Complex in the Jackson Square Area of Roxbury.

Upper Bondsville Dam in Belchertown

Project ID# R053

Fiscal Year 2013 funding from all sources: \$350,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This funding will repair the Upper Bondsville Dam in Belchertown, which has significant hazard potential and is in poor condition.

Town Brook Dam in Plymouth

Project ID# R054

Fiscal Year 2013 funding from all sources: \$750,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This funding will repair the Town Brook Dam in Plymouth. Failure of this dam has the potential to be hazardous to the surrounding communities.

Longhorn Beetle Treeing Initiative

Project ID# R056

Fiscal Year 2013 funding from all sources: \$1,500,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This initiative will assist with reforesting the City of Worcester and surrounding communities.

Chapter 90 - Municipal Roads and Bridges

Project ID# T009

Fiscal Year 2013 funding from all sources: \$200,000,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This municipal reimbursement program provides funding for maintaining, repairing, improving and constructing municipal roads and bridges.

Essex Sheriff's Department Intake Center

Project ID# B056

Fiscal Year 2013 funding from all sources: \$5,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: SDE - Essex Sheriffs Department

This funds an expansion to the undersized intake component for the Essex Sheriff's facility in Middleton.



Middlesex Jail and House of Correction Project

Project ID# B061

Fiscal Year 2013 funding from all sources: \$4,500,000

Project managed by: Division of Capital Asset Management

Project to benefit: SDM - Middlesex Sheriffs Department

This will support a facility investment to accommodate the relocation of the Cambridge Jail.

Hampden Sheriff's Department - Western MA Women's Correctional Facility

Project ID# B067

Fiscal Year 2013 funding from all sources: \$9,500,000

Project managed by: Division of Capital Asset Management

Project to benefit: SDH - Hampden Sheriffs Department

This funds the construction of a Western Regional Women's Correctional Facility in Chicopee, as recommended by the recent statewide Corrections Master Plan.

Hayes Report Retrofits for Suicide Prevention - Correctional Facilities

Project ID# B069

Fiscal Year 2013 funding from all sources: \$2,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: DOC - Department of Correction

This program funds improvements required to decrease potential for inmate self harm and suicide, including providing specialized segregated units in specific prisons designed to maximize the ability of staff to observe inmates identified as high risk.

Facility Plan for MCI Framingham

Project ID# B082

Fiscal Year 2013 funding from all sources: \$300,000

Project managed by: Division of Capital Asset Management

Project to benefit: DOC - Department of Correction

This funds a study for the future use of correctional facilities and services at the Framingham site to improve the environment for the female population.

Suffolk Sheriff's Department - Glazing and Sealant Repairs

Project ID# B120

Fiscal Year 2013 funding from all sources: \$1,509,005

Project managed by: Division of Capital Asset Management

Project to benefit: SDS - Suffolk Sheriffs Department

This funds glazing and sealant repairs at the Suffolk County House of Correction.

Suffolk Sheriff's Department Roof Reconstruction

Project ID# B121

Fiscal Year 2013 funding from all sources: \$8,400,000

Project managed by: Division of Capital Asset Management

Project to benefit: SDS - Suffolk Sheriffs Department

This funds roof reconstruction and HVAC repairs at the Suffolk County House of Correction.



Worcester Sheriff's Department - Strategic and Facility Plan Study *Project ID# B139*

Fiscal Year 2013 funding from all sources: \$170,000

Project managed by: Division of Capital Asset Management

Project to benefit: SDW - Worcester Sheriffs Department

This funds a study for the future facility and programmatic needs of the Worcester Jail and House of Correction.

Norfolk DOC Potable Water and Conservation *Project ID# B172*

Fiscal Year 2013 funding from all sources: \$500,000

Project managed by: Division of Capital Asset Management

Project to benefit: DOC - Department of Correction

This funds water source upgrades to address major problems at the Norfolk Department of Correction facilities.

Relocation Costs for Middlesex Sheriff at EJS *Project ID# B192*

Fiscal Year 2013 funding from all sources: \$3,500,000

Project managed by: Division of Capital Asset Management

Project to benefit: SDM - Middlesex Sheriffs Department

This funds the utilities, maintenance, elevator repairs and any other operational needs to run the building until the Jail is relocated.

Department of Correction Equipment *Project ID# S003*

Fiscal Year 2013 funding from all sources: \$1,500,000

Project managed by: Executive Office of Public Safety and Security

Project to benefit: DOC - Department of Correction

This project funds the ongoing cost for replacement of equipment at Department of Correction facilities.

Department of Correction Radio Replacement *Project ID# S010*

Fiscal Year 2013 funding from all sources: \$505,000

Project managed by: Executive Office of Public Safety and Security

Project to benefit: DOC - Department of Correction

This project will replace the outdated low band DOC radio system.

New Lowell Trial Court *Project ID# B004*

Fiscal Year 2013 funding from all sources: \$1,200,000

Project managed by: Division of Capital Asset Management

Project to benefit: TRC - Trial Court

This funds the study and design phase of the newly consolidated Trial Court facility in Lowell which will replace two separate, overcrowded, outdated facilities and one private lease.



New Middlesex Justice Center Project

Project ID# B036

Fiscal Year 2013 funding from all sources: \$8,923,604

Project managed by: Division of Capital Asset Management

Project to benefit: TRC - Trial Court

This project funds a study for a new Middlesex Justice Center and the temporary relocation costs for the Middlesex Superior and Trial Court services from the EJS courthouse.

Greenfield Trial Court Renovation

Project ID# B066

Fiscal Year 2013 funding from all sources: \$4,800,000

Project managed by: Division of Capital Asset Management

Project to benefit: TRC - Trial Court

This funds the planning, design and construction for a comprehensive renovation and new addition to secure circulation and to address current overcrowding for the Franklin County Trial Courts.

Independent Heating Plant for 3rd District Court Cambridge

Project ID# B072

Fiscal Year 2013 funding from all sources: \$600,000

Project managed by: Division of Capital Asset Management

Project to benefit: TRC - Trial Court

This project funds an Independent Heating Plant for 3rd District Court in Cambridge to disconnect it from the Edward J Sullivan building system.

Various Construction Costs - Trial Court

Project ID# B104

Fiscal Year 2013 funding from all sources: \$1,200,000

Project managed by: Division of Capital Asset Management

Project to benefit: TRC - Trial Court

This funds the outstanding payments for bills due for DCAM's previous work at court facilities.

Salem Probate & Family Court Renovation

Project ID# B110

Fiscal Year 2013 funding from all sources: \$596,000

Project managed by: Division of Capital Asset Management

Project to benefit: TRC - Trial Court

This funds a study for the renovation of the historic Probate and Family courthouse to complete the upgrades to the court facilities in Salem.

Strategic Master Plan for Courts

Project ID# B117

Fiscal Year 2013 funding from all sources: \$500,000

Project managed by: Division of Capital Asset Management

Project to benefit: TRC - Trial Court

This project funds the Strategic Master Plan currently underway for the Courts.



Suffolk County Courthouse - Highrise Exterior Envelope *Project ID# B119*

Fiscal Year 2013 funding from all sources: \$350,000

Project managed by: Division of Capital Asset Management

Project to benefit: TRC - Trial Court

This funds window replacement and envelope repairs to mitigate water intrusion issues.

Taunton Superior Court Renovation *Project ID# B144*

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: TRC - Trial Court

Study, design and construction for renovation of the historic Superior Court building, which will upgrade facilities in Taunton and will connect it to the new facility.

Haverhill District Court Renovation *Project ID# B198*

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: TRC - Trial Court

This project repairs, renovates and upgrades systems in the Haverhill District Court to provide accessibility, energy efficiency, a water tight building envelope and other improvements.

"I-cubed" Economic Development Projects *Project ID# A003*

Fiscal Year 2013 funding from all sources: \$25,000,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance

The Infrastructure Investment Incentive Program (or I-Cubed) will finance significant new public infrastructure improvements necessary to support major new private development.

Broadband Initiative *Project ID# A008*

Fiscal Year 2013 funding from all sources: \$31,893,099

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This funding will leverage private sector investment in broadband infrastructure throughout the Commonwealth.

Capital Improvements at Devens *Project ID# A009*

Fiscal Year 2013 funding from all sources: \$3,000,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This program funds ongoing capital costs related to the Devens economic development project and



reimbursement to MassDevelopment for building rehabilitation, engineering costs, environmental remediation, road construction and other infrastructure needs.

Life Sciences Capital Program

Project ID# A016

Fiscal Year 2013 funding from all sources: \$55,000,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This funds grants through the Massachusetts Life Science Center to promote job growth, business expansion, discovery and innovation in the industry and the larger Commonwealth economy.

MassWorks - Infrastructure Grant Awards

Project ID# D001

Fiscal Year 2013 funding from all sources: \$53,640,000

Project managed by: Executive Office of Housing and Economic Development

Project to benefit: EED - Office of the Secretary of Housing and Economic Development

The MassWorks Infrastructure Program provides a one-stop shop for municipalities and eligible public entities seeking public infrastructure funding to support economic development and job creation.

Economic Development Investments

Project ID# D029

Fiscal Year 2013 funding from all sources: \$5,000,000

Project managed by: Executive Office of Housing and Economic Development

Project to benefit: EED - Office of the Secretary of Housing and Economic Development

This funds capital grants to small businesses through the Massachusetts Growth Capital Corporation and also includes MassVenture's START grants.

Infrastructure Development Fund Projects, St.2011, c.142

Project ID# D030

Fiscal Year 2013 funding from all sources: \$14,620,000

Project managed by: Executive Office of Housing and Economic Development

Project to benefit: EED - Office of the Secretary of Housing and Economic Development

These are economic development projects throughout the Commonwealth, funded on a pay-as-you-go basis through the Infrastructure Development Fund established by Chapter 142 of the Acts of 2011.

New Bedford Marine Commerce Terminal

Project ID# A017

Fiscal Year 2013 funding from all sources: \$31,000,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs

The New Bedford Marine Commerce Terminal will serve as the staging point for offshore wind development, as well as a potential breakbulk and container port in the future.

Accelerated Energy Program (AEP)

Project ID# B041

Fiscal Year 2013 funding from all sources: \$125,700,000

Project managed by: Division of Capital Asset Management



Project to benefit: DCP - Division of Capital Asset Management and Maintenance

This program accelerates the implementation of energy and water projects across the Commonwealth to reduce greenhouse gas emissions, energy and water use and achieve operating savings.

New DCR Maintenance Facility in Cambridge

Project ID# B043

Fiscal Year 2013 funding from all sources: \$710,000

Project managed by: Division of Capital Asset Management

Project to benefit: DCR - Department of Conservation and Recreation

This funds a study for the construction of a new maintenance facility in the North Point area of Cambridge for DCR assets in the Charles River Basin.

Division of Fish and Wildlife Headquarters

Project ID# B046

Fiscal Year 2013 funding from all sources: \$8,100,000

Project managed by: Division of Capital Asset Management

Project to benefit: FWE - Department of Fish and Game

This project will provide funds to study, design & construct a new building for Field HQ for the Division of Fisheries and Wildlife.

Various Construction Costs - Environmental Affairs

Project ID# B181

Fiscal Year 2013 funding from all sources: \$25,000

Project managed by: Division of Capital Asset Management

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs

This funds the outstanding payments for bills due from DCAM's previous work at Environmental facilities.

Wetlands Change/Protection Project

Project ID# E018

Fiscal Year 2013 funding from all sources: \$200,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: EQE - Department of Environmental Protection

This funds wetlands protection. This project takes a two pronged approach: defining with certainty the resources at risk while at the same time providing direct technical resources to communities charged with implementing the Wetlands Protection Act.

Agricultural Environmental Enhancement Program (AEEP)

Project ID# E019

Fiscal Year 2013 funding from all sources: \$250,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: AGR - Department of Agricultural Resources

The AEEP supports farm capital projects that are intended to mitigate and/ or prevent negative impacts to natural resources that may result from agricultural activity.



Agricultural Project Operations

Project ID# E021

Fiscal Year 2013 funding from all sources: \$350,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: AGR - Department of Agricultural Resources

This program funds the ongoing costs of the Department of Agricultural Resources in carrying out its capital programs.

Coastal Resource Protection Program Support

Project ID# E023

Fiscal Year 2013 funding from all sources: \$900,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs

This fixed program funds technical and administrative staff and is the primary source of state match for a Coastal Zone Management federal grant.

Marine Fisheries Institute Facility Repair

Project ID# E024

Fiscal Year 2013 funding from all sources: \$500,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: FWE - Department of Fish and Game

This funds facility repairs and deferred maintenance at DFG district offices, fish hatcheries, the Marine Fisheries Institute and wildlife management areas.

Boat Ramp Construction and Maintenance

Project ID# E025

Fiscal Year 2013 funding from all sources: \$700,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: FWE - Department of Fish and Game

This provides funding for the maintenance and reconstruction of aging boat ramps and related facilities statewide to maintain safe public use and access to these areas.

Ambient Air Monitoring

Project ID# E026

Fiscal Year 2013 funding from all sources: \$736,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: EQE - Department of Environmental Protection

This funds the ambient air monitoring network to provide a comprehensive assessment of air quality. This monitoring is a critical part of our efforts to achieve and maintain healthy air for all of the Commonwealth's citizens.

Ludlow Mills Remediation

Project ID# E027

Fiscal Year 2013 funding from all sources: \$750,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs



This funds environmental remediation of former mill site in Ludlow, in preparation for future development of open space.

EEA Project Operations

Project ID# E028

Fiscal Year 2013 funding from all sources: \$821,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs

This line covers costs of developing and implementing the Secretariat capital plan. Costs include planning, legal review and program coordination of over 70 capital projects.

Sustainable Water Management Initiative (SWMI)

Project ID# E029

Fiscal Year 2013 funding from all sources: \$1,634,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: EQE - Department of Environmental Protection

These municipal grants are directed toward water-supply related mitigation and conservation.

Emergency Response Risk Reduction & Remediation

Project ID# E030

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: EQE - Department of Environmental Protection

This provides the capital resources needed to respond to emergency situations.

Farm Viability Enhancement Program (FVEP)

Project ID# E031

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: AGR - Department of Agricultural Resources

FVEP provides capital to farmers to expand, upgrade and modernize their existing operations in exchange for an agricultural covenant on the farm property for a fixed term of five or ten years.

River Revitalization & Riverine Habitat Restoration

Project ID# E032

Fiscal Year 2013 funding from all sources: \$1,250,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: FWE - Department of Fish and Game

This provides funding for Division of Ecological Restoration (DER) projects including dam removal, culvert replacement, stream naturalization and other physical restoration techniques.

Executive Office of Energy and Environment Land Planning

Project ID# E034

Fiscal Year 2013 funding from all sources: \$1,200,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs



This provides essential staff and associated costs necessary to implement ENV municipal land grant programs and Secretariat-wide open space oversight. Funding for the program also includes comprehensive planning activities and systems.

Federal Superfund Site Restoration

Project ID# E035

Fiscal Year 2013 funding from all sources: \$1,400,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: EQE - Department of Environmental Protection

The Commonwealth is required to perform remedial actions at federal Superfund sites in order to satisfy federal CERCLA obligations. This project funds the required remedial actions.

Solid Waste Management and Recycling Program

Project ID# E036

Fiscal Year 2013 funding from all sources: \$1,564,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: EQE - Department of Environmental Protection

This project funds solid waste management activities; assessment and closure of landfills, review and site supervision of ongoing closure activities and assistance to local solid waste staff.

Land and Habitat Programs

Project ID# E038

Fiscal Year 2013 funding from all sources: \$2,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: FWE - Department of Fish and Game

This program funds the ongoing costs of the Department of Fish and Game land and habitat protection capital programs.

EPA Match on Superfund Clean Up Sites

Project ID# E040

Fiscal Year 2013 funding from all sources: \$3,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: EQE - Department of Environmental Protection

Massachusetts has 34 hazardous waste sites and is contractually responsible for 10% of the costs of Superfund assessments. For these sites, Massachusetts have leveraged hundreds of millions of dollars of assessment and cleanup work by the federal government.

Enforcement Support and Brownfields

Project ID# E041

Fiscal Year 2013 funding from all sources: \$3,220,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: EQE - Department of Environmental Protection

This project provides technical, scientific and financial support to enable the Department to cleanup hazardous waste sites, pursue enforcement activities against polluters and to recover costs and secure revenue to maintain ongoing program activities.



Land Protection Grant Programs

Project ID# E043

Fiscal Year 2013 funding from all sources: \$7,450,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs

This consolidated funding program is administered by the Secretary of Energy and Environment for grants to cities, towns and other partners for the purpose of protecting open space.

EEA Agency Land Protection Programs

Project ID# E045

Fiscal Year 2013 funding from all sources: \$17,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: ENV - Office of the Secretary of Energy and Environmental Affairs

This consolidated funding program is administered by the Sec. of Energy and Environment for land protection activities at the DCR, Division of Fish and Game and Department of Agriculture.

Massachusetts Estuaries Project

Project ID# E074

Fiscal Year 2013 funding from all sources: \$576,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: EQE - Department of Environmental Protection

This project will provide water quality, nutrient loading and hydrodynamic information for 89 estuaries in Southeastern Massachusetts.

Campground Modernization Program

Project ID# R010

Fiscal Year 2013 funding from all sources: \$200,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program funds improvements to DCR campgrounds, including updating water and electrical systems and the toilet and shower facilities.

Greylock Glen - Outdoor Recreation and Environmental Education Center

Project ID# R013

Fiscal Year 2013 funding from all sources: \$400,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This project provides funds for project infrastructure, art and nature facilities, trails and other outdoor recreation amenities in the development of the Greylock Glen site.

Recreational Facility Improvements

Project ID# R014

Fiscal Year 2013 funding from all sources: \$800,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation



This program funds improvements to playgrounds and replacement of bituminous concrete tennis and basketball court surfaces. These facilities are throughout the Commonwealth and are in high demand particularly in the urban areas.

Dam Maintenance and PL 566 Flood Control

Project ID# R015

Fiscal Year 2013 funding from all sources: \$600,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This project funds assistance for inspecting, maintaining and repairing 150 DCR-owned dams. It also provide inspections, maintenance and repair of 25 flood control facilities.

Landscape Improvements

Project ID# R016

Fiscal Year 2013 funding from all sources: \$600,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program funds tree and flower planting, benches and other landscape components. This program is critical to maintaining a healthy tree stock and protecting tree canopy in urban areas.

Working Forest Preservation Restriction

Project ID# R019

Fiscal Year 2013 funding from all sources: \$750,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program has dual goals of protecting high-quality forest land and supporting rural economic development via sustainable forestry.

Winthrop Shores Restoration - Design and Construction

Project ID# R020

Fiscal Year 2013 funding from all sources: \$10,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

The Winthrop Shores Restoration will improve shore protection, storm drainage, landscaping, parkways, benches and shade shelter for Winthrop Shores.

Comfort Station Rehabilitation

Project ID# R022

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This project funds the repair and reconstruction of comfort stations throughout DCR facilities. DCR has used these funds to replace comfort stations such as Clarksburg and Houghton's Pond and to rehabilitate comfort stations such as Scussett Beach.



DCR Equipment

Project ID# R023

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program funds the purchase of equipment including marine, heavy equipment, rolling stock and forestry equipment, which help DCR do their work effectively.

Muddy River Flood Control and Historic Preservation Project

Project ID# R025

Fiscal Year 2013 funding from all sources: \$3,200,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

The Muddy River Restoration Project will improve flood control, improve water quality, enhance the aquatic and riparian habitat and rehabilitate the landscape and historic resources.

Rink Maintenance, Rehabilitation and Improvements

Project ID# R026

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program funds activities necessary to open and operate the 13 DCR ice skating rinks as well as any major improvements which are required to keep the rinks in operation.

Public Private Partnerships Program

Project ID# R029

Fiscal Year 2013 funding from all sources: \$2,250,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program matches private contributions focused on capital improvements to deteriorated DCR facilities. Private individuals and groups provide funds to leverage programs or desired improvements at specific locations.

Environmental Remediation (Clean State)

Project ID# R032

Fiscal Year 2013 funding from all sources: \$3,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This project funds DCR properties that are undergoing active investigation / remediation under the Massachusetts Contingency Plan (MCP); and other abatement projects which require environmental remediation for health and a safety.

Storm Water Management Program

Project ID# R033

Fiscal Year 2013 funding from all sources: \$3,500,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation



The Storm Water Management program improves critical waterways throughout Massachusetts and assures compliance with all the necessary requirements for water discharges from DCR facilities.

Deferred Maintenance & Small Repairs DCR

Project ID# R036

Fiscal Year 2013 funding from all sources: \$5,700,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program funds projects that include design, construction and, where required, demolition cost for deferred maintenance projects at parks, forests, reservations, beaches, pools and rinks statewide.

Pool Maintenance, Rehabilitation and Improvements

Project ID# R037

Fiscal Year 2013 funding from all sources: \$6,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program funds improvements to DCR pools which must be upgraded to current safety standards. It also includes funding necessary for annual open close activities, design services, facility repairs and renovations at currently closed facilities.

DCR Project Operations

Project ID# R040

Fiscal Year 2013 funding from all sources: \$13,505,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program funds the ongoing costs of the Department of Conservation and Recreation to carry out its capital programs.

Heritage Parks Rehabilitation and Upgrades

Project ID# R045

Fiscal Year 2013 funding from all sources: \$250,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This new program will improve the physical plants of Heritage parks, while also upgrading the exhibits and displays at each facility.

EHS - Campus Consolidation and Closure Planning

Project ID# B023

Fiscal Year 2013 funding from all sources: \$75,000

Project managed by: Division of Capital Asset Management

Project to benefit: EHS - Office of the Secretary of Health and Human Services

This funds the planning and campus closure activities for some EHS campuses.

Chelsea Soldiers' Home - Improvements Study

Project ID# B037

Fiscal Year 2013 funding from all sources: \$250,000

Project managed by: Division of Capital Asset Management



Project to benefit: CHE - Soldiers Home in Massachusetts

This funds a study on improvements and on public-private partnership opportunities for the Chelsea Soldiers' Home.

Chelsea Soldiers' Home - Life Safety Upgrades

Project ID# B038

Fiscal Year 2013 funding from all sources: \$5,700,000

Project managed by: Division of Capital Asset Management

Project to benefit: CHE - Soldiers Home in Massachusetts

This funds necessary upgrades to the fire safety sprinkler system at the Chelsea Soldiers' Home.

DYS Renovations at Goss Building, Taunton State Hospital

Project ID# B045

Fiscal Year 2013 funding from all sources: \$700,000

Project managed by: Division of Capital Asset Management

Project to benefit: DMH - Department of Mental Health

This funds renovations to the Goss building at Taunton State Hospital to provide temporary relocation for DYS.

EHS system-wide Master Plan

Project ID# B058

Fiscal Year 2013 funding from all sources: \$147,000

Project managed by: Division of Capital Asset Management

Project to benefit: EHS - Office of the Secretary of Health and Human Services

This funds a strategic, comprehensive facilities capital master plan to address statewide Executive Office of Health and Human Services facility needs.

DYS Middleton - Northeast Regional Youth Service Center

Project ID# B088

Fiscal Year 2013 funding from all sources: \$4,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: DYS - Department of Youth Services

This project will provide a new 32-45 bed boys facility on the DYS Middleton site to replace existing temporary modular facilities.

Worcester Recovery Center and Hospital

Project ID# B092

Fiscal Year 2013 funding from all sources: \$16,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: DMH - Department of Mental Health

This project funds the first new construction of a major mental health hospital in 100 years.

Various Construction Costs - Executive Office of Health & Human Services

Project ID# B103

Fiscal Year 2013 funding from all sources: \$1,760,000

Project managed by: Division of Capital Asset Management



Project to benefit: EHS - Office of the Secretary of Health and Human Services

This funds the outstanding payments for bills due of DCAM's previous work at EHS facilities.

Tewksbury State Hospital Emergency Generators

Project ID# B123

Fiscal Year 2013 funding from all sources: \$750,000

Project managed by: Division of Capital Asset Management

Project to benefit: DPH - Department of Public Health

This project funds Tewksbury State Hospital emergency generators and boiler replacement.

Hinton Lab Elevator and Accessibility Improvements

Project ID# B169

Fiscal Year 2013 funding from all sources: \$450,000

Project managed by: Division of Capital Asset Management

Project to benefit: DPH - Department of Public Health

This project will address failing elevators and IT, and will provide accessibility upgrades to the lab building.

Holyoke Soldiers' Home Improvements

Project ID# B184

Fiscal Year 2013 funding from all sources: \$250,000

Project managed by: Division of Capital Asset Management

Project to benefit: HLY - Soldiers Home in Holyoke

This project will study upgrades to the Holyoke Soldiers' Home to satisfy federal standards. The project will be reimbursed by 65% matched federal funding.

Shattuck Hospital Study and Review

Project ID# B185

Fiscal Year 2013 funding from all sources: \$750,000

Project managed by: Division of Capital Asset Management

Project to benefit: DPH - Department of Public Health

This study will address immediate needs for relocations at the Shattuck Hospital as well as long range planning for existing programs at the aged facility.

Department of Youth Services Chelmsford Study

Project ID# B195

Fiscal Year 2013 funding from all sources: \$150,000

Project managed by: Division of Capital Asset Management

Project to benefit: DYS - Department of Youth Services

This project is to evaluate relocation options and address the population currently served at Chelmsford.

Berkshire Community College - Exterior Masonry Repairs

Project ID# B032

Fiscal Year 2013 funding from all sources: \$1,500,000

Project managed by: Division of Capital Asset Management



Commonwealth of Massachusetts
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Appendix D – Project and Program Descriptions, by Project ID#

Project to benefit: BCC - Berkshire Community College

This funds the much needed exterior masonry repairs to address water infiltration at Berkshire Community College.

Bridgewater State University - Conant Building Modernization

Project ID# B033

Fiscal Year 2013 funding from all sources: \$8,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: BSC - Bridgewater State University

This funds the renovation and expansion of the Conant Building to provide a state-of-the-art facility for the biological, earth, chemical and computer sciences, along with math and physics.

Bristol Community College Fall River Tech Building

Project ID# B034

Fiscal Year 2013 funding from all sources: \$1,400,000

Project managed by: Division of Capital Asset Management

Project to benefit: BRC - Bristol Community College

This project will fund the much needed modernization to outdated science facilities.

Essex North Shore Agricultural and Technical School

Project ID# B054

Fiscal Year 2013 funding from all sources: \$5,902,441

Project managed by: Division of Capital Asset Management

Project to benefit: DOE - Department of Elementary and Secondary Education

This funds the Commonwealth's contribution to the construction of a new regional agricultural and vocational school on the campus of Essex Agricultural and Technical Institute in Danvers/Middleton.

Fitchburg State University - Science Facility Modernization

Project ID# B062

Fiscal Year 2013 funding from all sources: \$13,494,324

Project managed by: Division of Capital Asset Management

Project to benefit: FSC - Fitchburg State University

This funds improvements to science labs through a combination of new construction and renovation.

Framingham State University Hemenway Hall Science Center Modernization

Project ID# B063

Fiscal Year 2013 funding from all sources: \$5,850,000

Project managed by: Division of Capital Asset Management

Project to benefit: FRC - Framingham State University

This project will modernize the Hemenway Hall Science Center at Framingham State University.

Massachusetts College of Liberal Arts - Center for Science & Innovation

Project ID# B076

Fiscal Year 2013 funding from all sources: \$25,000,000

Project managed by: Division of Capital Asset Management



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Appendix D – Project and Program Descriptions, by Project ID#

Project to benefit: NAC - Massachusetts College of Liberal Arts

This funds a new science facility and improvements to existing facilities at Massachusetts College of Liberal Arts.

Massachusetts College of Art - Center for Design & Media

Project ID# B079

Fiscal Year 2013 funding from all sources: \$6,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: MCA - Massachusetts College of Art

This funds the renovation to provide a new entry, new common areas, simplified circulation and improved key studio spaces.

Massachusetts Maritime Academy Library Photovoltaics

Project ID# B080

Fiscal Year 2013 funding from all sources: \$1,700,000

Project managed by: Division of Capital Asset Management

Project to benefit: MMA - Massachusetts Maritime Academy

This funds installation of photovoltaic solar cells for the recently completed new library that will replace an outdated facility.

State and Community College Master Plan Updates

Project ID# B083

Fiscal Year 2013 funding from all sources: \$300,000

Project managed by: Division of Capital Asset Management

Project to benefit: RGT - Department of Higher Education

Update of master plans for state universities and community colleges at Westfield, Bridgewater, Mt. Wachusett and Worcester.

Massachusetts College of Liberal Arts - Bowman Hall Renovation

Project ID# B084

Fiscal Year 2013 funding from all sources: \$605,000

Project managed by: Division of Capital Asset Management

Project to benefit: NAC - Massachusetts College of Liberal Arts

This funds the design and construction of Bowman Hall Renovation at the Mass College of Liberal Arts.

Middlesex Community College - New Academic Arts Center

Project ID# B087

Fiscal Year 2013 funding from all sources: \$150,000

Project managed by: Division of Capital Asset Management

Project to benefit: MCC - Middlesex Community College

This funds continued work on the new Middlesex Community College New Academic Arts Center, using outside funding.

Northern Essex Community College - Allied Health & Tech. Building

Project ID# B096

Fiscal Year 2013 funding from all sources: \$13,000,000

Project managed by: Division of Capital Asset Management



Project to benefit: NEC - Northern Essex Community College

This funds the study phase for a new allied health facility in downtown Lawrence to address expansion of the program.

Quinsigamond Community College- Science and Technology Building *Project ID# B097*

Fiscal Year 2013 funding from all sources: \$989,250

Project managed by: Division of Capital Asset Management

Project to benefit: QCC - Quinsigamond Community College

This funds a new academic building at Quinsigamond Community College.

Various Construction Costs - University of Massachusetts *Project ID# B106*

Fiscal Year 2013 funding from all sources: \$50,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This funds the outstanding payments for bills due from DCAM's previous work at UMass facilities.

Various Construction Costs - State & Community Colleges *Project ID# B107*

Fiscal Year 2013 funding from all sources: \$1,005,000

Project managed by: Division of Capital Asset Management

Project to benefit: RGT - Department of Higher Education

This funds the outstanding payments for bills due from DCAM's previous work at higher education facilities.

Salem State University - Library and Learning Commons *Project ID# B111*

Fiscal Year 2013 funding from all sources: \$26,250,000

Project managed by: Division of Capital Asset Management

Project to benefit: SSA - Salem State University

This funds the construction of a new library building to accommodate all library and related learning resources at Salem State University.

UMass Amherst - New Academic Classroom Building *Project ID# B124*

Fiscal Year 2013 funding from all sources: \$21,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This funds the study, design and construction of a new academic and classroom building that will provide additional classroom space in response to increased enrollments at the Amherst campus.

UMass Amherst - New Laboratory Science Building *Project ID# B125*

Fiscal Year 2013 funding from all sources: \$31,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts



This funds the study, design and construction of Phase II of an integrated sciences complex intended to consolidate major science programs in a single location at the Amherst campus.

UMass Boston - New Integrated Science Building *Project ID# B126*

Fiscal Year 2013 funding from all sources: \$45,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This funds the study, design and construction of a new science facility at the Boston campus, as recommended by a recent master plan. This project will be funded by both University of Massachusetts contributions and Commonwealth bond funds.

UMass Boston - Substructure Stabilization and Alternate Parking *Project ID# B127*

Fiscal Year 2013 funding from all sources: \$1,050,500

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This funds interim structural stabilization of the areas formerly used for parking, including support for gravity loads, lateral loads, safe passage through the garage and MEP relocation, support, and repair.

UMass Dartmouth - Carney Library Renovation *Project ID# B128*

Fiscal Year 2013 funding from all sources: \$8,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This project adds a new entry space to the existing library, provides a renovated and updated collegiate library for UMass Dartmouth.

UMass Dartmouth - Marine Sciences Facility Improvements *Project ID# B129*

Fiscal Year 2013 funding from all sources: \$1,500,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This funds the Marine Sciences Facility for the School of Marine Science and Technology at the UMass campus in Dartmouth.

UMass Lowell - Emerging Technology & Innovation Center *Project ID# B130*

Fiscal Year 2013 funding from all sources: \$2,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This funds a state of the art, 84,000 square foot research facility developed by UMass with a combination of funding sources.

UMass Lowell - South Campus Academic Facilities *Project ID# B131*

Fiscal Year 2013 funding from all sources: \$12,000,000



Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This funds the study, design and construction for a new academic building on the South Campus at UMass Lowell which consolidates currently fragmented programs in a single facility.

UMass Boston - Study of Permanent Stabilization

Project ID# B134

Fiscal Year 2013 funding from all sources: \$750,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This funds a study of substructure demo, permanent stabilization and quad development at UMass Boston.

Westfield State University - New Academic Building

Project ID# B137

Fiscal Year 2013 funding from all sources: \$500,000

Project managed by: Division of Capital Asset Management

Project to benefit: WSC - Westfield State University

This funds a study to determine the program, scope of construction, cost and implementation for a new academic building at Westfield State University. This study will also address life safety and accessibility renovations to the Dever Auditorium building.

Worcester State University - Wellness Center

Project ID# B141

Fiscal Year 2013 funding from all sources: \$3,648,750

Project managed by: Division of Capital Asset Management

Project to benefit: WOR - Worcester State University

Design and construction of a Wellness facility, which will feature athletic space, instructional space, studio space, student health facilities and community space.

Roxbury Community College - Academic & Media Arts Building

Project ID# B145

Fiscal Year 2013 funding from all sources: \$100,000

Project managed by: Division of Capital Asset Management

Project to benefit: RCC - Roxbury Community College

This project will begin to study upgrades to the existing building including a life science and allied health addition.

UMass Boston - New Academic Classroom Building

Project ID# B149

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This project funds a new academic classroom building at UMass Boston.



Berkshire Community College - Hawthorne and Melville Halls

Project ID# B157

Fiscal Year 2013 funding from all sources: \$300,000

Project managed by: Division of Capital Asset Management

Project to benefit: BCC - Berkshire Community College

This project will renovate Hawthorne and Melville Halls, including their exterior masonry repairs, at Berkshire Community College.

Mass Bay Community College - New Allied Health Academic Building

Project ID# B160

Fiscal Year 2013 funding from all sources: \$300,000

Project managed by: Division of Capital Asset Management

Project to benefit: MBC - Massachusetts Bay Community College

This project will study opportunities for a future Framingham campus and a new allied health academic building.

Mt Wachusett Community College - Haley Academic Center

Project ID# B164

Fiscal Year 2013 funding from all sources: \$375,000

Project managed by: Division of Capital Asset Management

Project to benefit: MWC - Mount Wachusett Community College

This project funds the modernization of existing Haley Academic Center at Mt. Wachusett Community College.

UMass Amherst - Physical Science Building

Project ID# B166

Fiscal Year 2013 funding from all sources: \$800,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This funds the study, design and construction of a new Physical Sciences Laboratory Building at UMass Amherst.

UMass Lowell - New Management Building

Project ID# B167

Fiscal Year 2013 funding from all sources: \$400,000

Project managed by: Division of Capital Asset Management

Project to benefit: UMS - University of Massachusetts

This funds the study, design and construction of a new college of management building at UMass Lowell using a combination of Commonwealth bond funds and UMass funding.

Holyoke Community College - Health Care Facility

Project ID# B177

Fiscal Year 2013 funding from all sources: \$2,700,000

Project managed by: Division of Capital Asset Management

Project to benefit: HCC - Holyoke Community College



This project is to acquire a relatively new existing office building adjacent to the Holyoke Community College campus to renovate into a health care training facility.

Massachusetts Maritime Academy - Hurley Library Renovation *Project ID# B178*

Fiscal Year 2013 funding from all sources: \$2,800,000

Project managed by: Division of Capital Asset Management

Project to benefit: MMA - Massachusetts Maritime Academy This project includes the renovation of the existing library which was recently replaced by the new learning commons. The renovated facility will be used for classrooms, faculty offices and conference space.

Springfield Technical Community College - Envelope and Power Plant *Project ID# B179*

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: STC - Springfield Technical Community College

This project funds major envelope repairs needed at the main classroom and student activity building at STCC. Project scope will address serious water infiltration in the stairways and the auditorium.

Massachusetts College of Art - Building Envelope Repair *Project ID# B186*

Fiscal Year 2013 funding from all sources: \$300,000

Project managed by: Division of Capital Asset Management

Project to benefit: MCA - Massachusetts College of Art

This funds a study to provide a replacement for the existing façade at the main building and address water infiltration, structural issues and energy efficiency improvements.

Affordable Housing Trust Fund *Project ID# H002*

Fiscal Year 2013 funding from all sources: \$35,000,000

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

The Affordable Housing Trust Fund (AHTF) provides resources to create or preserve affordable housing for households whose incomes are not more than 110% of area median income.

Capital Improvement and Preservation Fund *Project ID# H003*

Fiscal Year 2013 funding from all sources: \$5,000,000

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

The Capital Improvement and Preservation Fund (CIPF) was developed in response to the need to preserve current privately owned affordable housing projects.

Community Based Housing *Project ID# H004*

Fiscal Year 2013 funding from all sources: \$5,000,000

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development



The Community Based Housing (CBH) program is an initiative to support appropriate housing for persons with disabilities.

Facilities Consolidation Fund

Project ID# H006

Fiscal Year 2013 funding from all sources: \$7,500,000

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

Created in 1993, the Facilities Consolidation Funds supports the development of appropriate community-based housing for DMH and DDS clients.

Housing at Transit Nodes

Project ID# H007

Fiscal Year 2013 funding from all sources: \$2,000,000

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

The Commercial Area Transit Node Housing Program supports the development of small to medium-scale housing near public transit and shopping, employment, recreation and other amenities.

Housing Innovations Fund

Project ID# H008

Fiscal Year 2013 funding from all sources: \$10,000,000

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

Since its initial authorization by the Massachusetts Legislature in 1987, the Housing Innovations Fund (HIF) has supported the creation of thousands of affordable rooms and apartments for populations with special needs.

Housing Stabilization Fund

Project ID# H009

Fiscal Year 2013 funding from all sources: \$16,000,000

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

The Housing Stabilization Fund (HSF) was created in the 1993 Housing Bond Bill as a response and supplement to the federal government's creation of the HOME program in 1992.

Mass Rehab's Home Modification Loan Program

Project ID# H010

Fiscal Year 2013 funding from all sources: \$4,000,000

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

Mass Rehab's Home Modification Loan Program provides funding to modify homes of disabled individuals or families so that they may maintain residency or allow them to return home from more institutional settings.



Public Housing - Affordable Housing Trust Fund

Project ID# H011

Fiscal Year 2013 funding from all sources: \$5,000,000

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

This program funds the repair, rehabilitation and modernization of existing public housing units.

Public Housing - General

Project ID# H012

Fiscal Year 2013 funding from all sources: \$90,000,000

Project managed by: Department of Housing and Community Development

Project to benefit: OCD - Department of Housing and Community Development

This program supports over 45,600 public housing units located in 244 separate cities and towns across the Commonwealth, serving approximately 80,000 citizens.

Second Data Center Construction

Project ID# B113

Fiscal Year 2013 funding from all sources: \$25,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: ITD - Information Technology Division

This funds the Second Data Center project, which entered the construction phase in 2010. The new facility will provide expanded capacity as well as redundancy for statewide information technology needs.

Equipment for Springfield Data Center

Project ID# B114

Fiscal Year 2013 funding from all sources: \$13,106,015

Project managed by: Division of Capital Asset Management

Project to benefit: ITD - Information Technology Division

This funds equipment purchases to fit-out the new Springfield Data Center.

Environmental Information and Public Access System (EIPAS)

Project ID# E037

Fiscal Year 2013 funding from all sources: \$1,897,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: EQE - Department of Environmental Protection

This IT investment will replace existing outdated siloed legacy systems with a highly functional and tightly integrated online system for the Department of Environmental Protection.

ANF IT Consolidation

Project ID# I008

Fiscal Year 2013 funding from all sources: \$688,242

Project managed by: Information Technology Division

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This project will examine the IT work, services and resources (staff & assets) and take active steps to define and implement solutions to better support IT and Commonwealth needs.



AGO Business Improvement

Project ID# I010

Fiscal Year 2013 funding from all sources: \$202,364

Project managed by: Information Technology Division

Project to benefit: AGO - Office of the Attorney General

This project re-engineers all business applications, the supporting IT infrastructure and any usability components of the AGO's web service.

Comprehensive Child Data System

Project ID# I011

Fiscal Year 2013 funding from all sources: \$5,921,977

Project managed by: Information Technology Division

Project to benefit: EEC - Department of Early Education and Care

This project provides the DEEC with a web-based system to facilitate and streamline early education business processes, improve child and family data and manage annual financial assistance.

DUA QUEST Project

Project ID# I012

Fiscal Year 2013 funding from all sources: \$6,947,900

Project managed by: Information Technology Division

Project to benefit: EOL - Department of Workforce Development

This project streamlines all Unemployment Insurance processes. Web access will be provided to employers and their agents to secure unemployment assistance, report wage detail and pay unemployment taxes and insurance.

e-Licensing

Project ID# I013

Fiscal Year 2013 funding from all sources: \$3,700,000

Project managed by: Information Technology Division

Project to benefit: REG - Division of Professional Licensure

This project replaces a mainframe legacy system with a web-enabled e-Commerce application that is easy to configure and modify, less expensive to operate, enhances the user experience and increases staff productivity.

eProcurement Roadmap

Project ID# I017

Fiscal Year 2013 funding from all sources: \$569,577

Project managed by: Information Technology Division

Project to benefit: OSD - Operational Services Division

This project is to develop an eProcurement Roadmap that provides a strategic plan for achieving a fully integrated eProcurement System, along with an approach for addressing the expiring Comm-PASS managed services and hosting agreements.

ICJIS

Project ID# I020

Fiscal Year 2013 funding from all sources: \$8,850,000



Project managed by: Information Technology Division

Project to benefit: CHS - Criminal History Systems Board

The Integrated Criminal Justice Information System includes projects to facilitate rebuilding of information systems, network and data center applications and exchange services at EOPSS.

i-FamilyNet

Project ID# I021

Fiscal Year 2013 funding from all sources: \$2,384,230

Project managed by: Information Technology Division

Project to benefit: EHS - Office of the Secretary of Health and Human Services

The i-FamilyNet project continues the development and implementation of a new web-based Statewide Automated Child Welfare Information System (SACWIS system) and a Data Warehouse to replace the existing FamilyNet client/server system.

Integrated Eligibility System

Project ID# I022

Fiscal Year 2013 funding from all sources: \$30,994,087

Project managed by: Information Technology Division

Project to benefit: EHS - Office of the Secretary of Health and Human Services

This project integrates Medicaid eligibility processing with the MA Health Insurance Exchange (HIX) and current legacy processes.

IT Capital Portfolio Management & Technology Services

Project ID# I023

Fiscal Year 2013 funding from all sources: \$1,800,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

This project funds the IT Capital PMO which is responsible for oversight, assistance and technology services for capital projects.

IT Consolidation

Project ID# I024

Fiscal Year 2013 funding from all sources: \$6,000,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

This is a multi-pronged effort to consolidate IT services and infrastructure across the Commonwealth to improve efficiency, effectiveness and information security.

ITD Technology Plan

Project ID# I025

Fiscal Year 2013 funding from all sources: \$7,945,098

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

The purpose of this project is to purchase IT equipment for IT projects as they are completed and brought into operation.



Lottery Study

Project ID# I027

Fiscal Year 2013 funding from all sources: \$200,000

Project managed by: Information Technology Division

Project to benefit: TRE - Office of the Treasurer and Receiver-General

This project will evaluate the State Lottery's options to determine the best model for a new system and ultimately produce one or more RFRs to replace the Lottery's current on-line gaming system.

MAGIC Modernization

Project ID# I028

Fiscal Year 2013 funding from all sources: \$370,000

Project managed by: Information Technology Division

Project to benefit: GIC - Group Insurance Commission

This is a phased project to update GIC's antiquated MAGIC claims processing system to address long standing inadequacies. The goal is to build a more efficient process that will allow the GIC to better serve its clientele and grow future needs.

Massachusetts Budgeting Application - Phase 2

Project ID# I030

Fiscal Year 2013 funding from all sources: \$385,700

Project managed by: Information Technology Division

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This project extends the MA Budget Application (MBA) to achieve a common budget platform for Commonwealth. It also enhances the MBA to support capital budgeting and develops additional enhancements.

Massachusetts Immunization Information System

Project ID# I031

Fiscal Year 2013 funding from all sources: \$741,290

Project managed by: Information Technology Division

Project to benefit: DPH - Department of Public Health

This project will allow the Commonwealth's 3,000 providers of state-supplied vaccine to place vaccine orders online and manage their inventory.

MassGov 2.0

Project ID# I033

Fiscal Year 2013 funding from all sources: \$750,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

This project replaces the Mass.Gov content management system (CMS) and performs a user experience redesign.

MassCourts

Project ID# I034

Fiscal Year 2013 funding from all sources: \$500,000

Project managed by: Information Technology Division



Project to benefit: TRC - Trial Court

MassCourts is a case management system and provides the infrastructure for automated case filing and document management services to the public and registered users. There are also interfaces with other state agencies.

Mass GIS

Project ID# I036

Fiscal Year 2013 funding from all sources: \$750,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

This project provides a new Geographic Information System hardware center, creates and enhances the structure, parcel, street and address data for the Commonwealth's towns and E911 communities and enhances the public and government GIS web sites.

MassTax2

Project ID# I037

Fiscal Year 2013 funding from all sources: \$28,301,793

Project managed by: Information Technology Division

Project to benefit: DOR - Department of Revenue

This project implements a secure, flexible, user-friendly system that will integrate all tax administration functions and enable the proper accounting and collection of over \$22 billion annually in tax revenues in support of the Commonwealth.

MITA & Meditech

Project ID# I038

Fiscal Year 2013 funding from all sources: \$4,700,000

Project managed by: Information Technology Division

Project to benefit: EHS - Office of the Secretary of Health and Human Services

This project continues the work to comply with the Federal Centers for Medicare and Medicaid Service's (CMS) mandated analysis for the Medicaid Information Technology Architecture 2.0 (MITA).

New MMIS 5010 and ICD10 Conversion

Project ID# I040

Fiscal Year 2013 funding from all sources: \$11,044,120

Project managed by: Information Technology Division

Project to benefit: EHS - Office of the Secretary of Health and Human Services

This project continues work to upgrade the state's Medicaid system. The New MMIS complies with federal mandates to upgrade to the International Classification of Diseases, 10th Edition.

Shared Application Infrastructure

Project ID# I042

Fiscal Year 2013 funding from all sources: \$1,050,750

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

The Shared Application Infrastructure project will build the infrastructure to enable both technology and information sharing between Commonwealth agencies.



State Auditor's Performance and Transparency Initiative *Project ID# I043*

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Information Technology Division

Project to benefit: SAO - Office of the State Auditor

This project funds technology required to enhance the Auditor's ability to audit large programs, revitalize business processes and identify, track and publicize performance metrics.

Transparency Open Checkbook Initiative *Project ID# I047*

Fiscal Year 2013 funding from all sources: \$721,000

Project managed by: Information Technology Division

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This project implements Open Checkbook, an online reporting of all Massachusetts spending. It will be the technology foundation for future implementation of all transparency requirements.

Upgrade and Expand MassMail *Project ID# I049*

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

This project will consolidate and migrate Commonwealth agencies E-mail systems. It will also implement and configure the necessary infrastructure enhancements to support consolidation efforts.

Vitals Information Partnership System *Project ID# I050*

Fiscal Year 2013 funding from all sources: \$1,975,993

Project managed by: Information Technology Division

Project to benefit: DPH - Department of Public Health

This project will implement a vital record system for the Registry of Vital Records & Statistics and stakeholders (cities, towns, hospitals and funeral homes).

MassHR *Project ID# I051*

Fiscal Year 2013 funding from all sources: \$18,699,492

Project managed by: Information Technology Division

Project to benefit: HRD - Human Resources Division

MassHR moves the Commonwealth to a consolidated HRIS system using Oracle/PeopleSoft software to include Self-Service Time and Attendance and begin a Shared Services Center.

ANF Mass Goals *Project ID# I052*

Fiscal Year 2013 funding from all sources: \$2,996,600

Project managed by: Information Technology Division

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This project will establish Performance Management throughout all Commonwealth secretariats and



agencies and develop a framework and a step-by-step approach for planning, developing and implementing performance management systems for the executive branch.

CSE COMETS HD

Project ID# I053

Fiscal Year 2013 funding from all sources: \$23,046,489

Project managed by: Information Technology Division

Project to benefit: DOR - Department of Revenue

This project will implement a secure, user-friendly child support system integrating all child support functions, which is scalable and adaptable to changing needs and meets all requirements.

D-TAX Enhancements

Project ID# I054

Fiscal Year 2013 funding from all sources: \$2,000,000

Project managed by: Information Technology Division

Project to benefit: DOR - Department of Revenue

This project will enhance the DiscoverTax application and warehouse to increase delinquent tax collections and improve tax compliance operations in the Commonwealth.

Oracle ULA

Project ID# I057

Fiscal Year 2013 funding from all sources: \$25,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

This project will provide Oracle Unlimited License Agreement software suite to various IT capital projects.

State Library Retrospective Conversion

Project ID# I058

Fiscal Year 2013 funding from all sources: \$200,000

Project managed by: Information Technology Division

Project to benefit: LIB - George Fingold Library

This project will convert the State Library's manual card catalog into machine-readable records for addition to the existing C/W MARS online book catalog.

Massachusetts Budget Application - Phase 3

Project ID# I062

Fiscal Year 2013 funding from all sources: \$4,265,000

Project managed by: Information Technology Division

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This project leverages and extends MBA's functionality to implement program hierarchy budgeting and high-priority MBA enhancements.

Virtual Gateway Infrastructure v4 Upgrade

Project ID# I065

Fiscal Year 2013 funding from all sources: \$2,050,000

Project managed by: Information Technology Division



Project to benefit: EHS - Office of the Secretary of Health and Human Services

This project will upgrade the Virtual Gateway (VG), which provides a centrally managed platform of services for online systems used by EOHHS departments, providers and recipients.

Enterprise Identity Management

Project ID# I070

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

The goal of this project is to design, configure and implement as an enterprise service the Identity Management Solution, a set of services that coordinate and manage user identities in order to control access to Commonwealth browser-based applications.

MassData

Project ID# I072

Fiscal Year 2013 funding from all sources: \$200,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

This project will result in the next generation of the Enterprise Information Warehouse service. The mission is to organize the Commonwealth's information and make it available and usable to enhance decision making, collaboration and innovation.

MassNET

Project ID# I073

Fiscal Year 2013 funding from all sources: \$850,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

The objective of the MassNET project is to create a shared, multi-use network that will connect all Commonwealth government agencies at a lower cost and with improved services than current network connections today.

eProcurement Solution

Project ID# I077

Fiscal Year 2013 funding from all sources: \$5,000,000

Project managed by: Information Technology Division

Project to benefit: OSD - Operational Services Division

This project implements an end-to-end eProcurement Solution that improves efficiency, increases organizational effectiveness and facilitates collaboration with suppliers.

Springfield Data Center - Treasury

Project ID# I079

Fiscal Year 2013 funding from all sources: \$635,600

Project managed by: Information Technology Division

Project to benefit: TRE - Office of the Treasurer and Receiver-General

This project funds equipment in both the existing Chelsea (MITC) and new (Spring 2013) Springfield



Data Center to support backup/disaster recovery for Treasury operations on a separate power grid from Boston/Chelsea operations.

EOE Identity Management

Project ID# I087

Fiscal Year 2013 funding from all sources: \$850,000

Project managed by: Information Technology Division

Project to benefit: EDU - Office of the Secretary of Education

This project will develop an Identity Management System for education systems.

DOR Critical Infrastructure Enhancements

Project ID# I088

Fiscal Year 2013 funding from all sources: \$650,000

Project managed by: Information Technology Division

Project to benefit: DOR - Department of Revenue

The Department of Revenue must replace critical end-of-life firewalls and other critical infrastructure.

HRCMS Upgrade

Project ID# I090

Fiscal Year 2013 funding from all sources: \$1,278,563

Project managed by: Information Technology Division

Project to benefit: HRD - Human Resources Division

The project will upgrade HR/CMS to the latest supported Oracle/PeopleSoft software release.

Maintaining a supported version is necessary to continue receiving regulatory Tax Updates, Application Bundles, Patches/Fixes and functionality support.

New IT Project Pilot Program

Project ID# I091

Fiscal Year 2013 funding from all sources: \$2,500,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

This project will fund new innovative projects that will improve the Commonwealth consumer experience.

Third Party Verification of IT projects

Project ID# I092

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Information Technology Division

Project to benefit: ITD - Information Technology Division

This project will develop a methodology to evaluate the proposed returns on investment for eligible new IT projects.

Essex County Regional Emergency Call Center

Project ID# B053

Fiscal Year 2013 funding from all sources: \$750,000

Project managed by: Division of Capital Asset Management



Project to benefit: SDE - Essex Sheriffs Department

This funds the design and construction for Essex County Regional Emergency Communication Center.

MEMA Needs Assessment

Project ID# B086

Fiscal Year 2013 funding from all sources: \$90,000

Project managed by: Division of Capital Asset Management

Project to benefit: CDA - Massachusetts Emergency Management Agency

This funds a study of MEMA facilities to determine future need.

New National Guard Readiness Center

Project ID# B089

Fiscal Year 2013 funding from all sources: \$5,500,000

Project managed by: Division of Capital Asset Management

Project to benefit: MIL - Military Division

This funds a new facility for the National Guard Readiness Center in Natick. This project leverages federal funds.

Replacement Facility for Chief Medical Examiner

Project ID# B101

Fiscal Year 2013 funding from all sources: \$800,000

Project managed by: Division of Capital Asset Management

Project to benefit: CME - Office of the Chief Medical Examiner

This funds design and construction of a regional Medical Examiner facility to replace antiquated leased facilities in Central Massachusetts (Worcester) and Western Massachusetts (Holyoke).

Various Construction Costs - Public Safety

Project ID# B105

Fiscal Year 2013 funding from all sources: \$235,000

Project managed by: Division of Capital Asset Management

Project to benefit: EPS - Office of the Secretary of Public Safety and Security

This funds the outstanding payments for bills due from DCAM's previous work at public safety facilities.

Western Massachusetts Fire Training Facility

Project ID# B136

Fiscal Year 2013 funding from all sources: \$2,950,000

Project managed by: Division of Capital Asset Management

Project to benefit: DFS - Department of Fire Services

This funds the study, design and construction to acquire and convert the existing Springfield Fire Department Training Center into the Western Massachusetts site for Department of Fire Services.

State Police Lower Basin Barracks Renovation & Addition

Project ID# B187

Fiscal Year 2013 funding from all sources: \$1,250,000

Project managed by: Division of Capital Asset Management

Project to benefit: POL - Department of State Police



This funds planning, design and construction for renovations and an addition to the state police Lower Basin barracks.

National Guard Worcester Renovation, Plantation Drive *Project ID# B191*

Fiscal Year 2013 funding from all sources: \$400,000

Project managed by: Division of Capital Asset Management

Project to benefit: MIL - Military Division

This funds renovations to support the relocation of National Guard facilities in Worcester. The funding will leverage 75% federal contribution.

Military Base Infrastructure Investment Program - Natick *Project ID# D004*

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Executive Office of Housing and Economic Development

Project to benefit: EED - Office of the Secretary of Housing and Economic Development

This funds roadway and utility improvements from the Kansas Street intersection to the gated US Army Natick Soldier Systems Center (NSSC) entry way.

State Police 800 MHz Radio Project *Project ID# I045*

Fiscal Year 2013 funding from all sources: \$4,468,430

Project managed by: Information Technology Division

Project to benefit: POL - Department of State Police

This project implements the 800MHz digital wireless public safety radio network for the State Police in Western Massachusetts, which is also compatible with the existing radio infrastructure.

Dam Safety and Inspection Program *Project ID# R012*

Fiscal Year 2013 funding from all sources: \$390,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program conducts inspections, studies and emergency remedial work on dams across the Commonwealth. It also provides technical assistance to municipalities as requested.

Charles River Dam and Amelia Earhart Dam Lock Replacement Program *Project ID# R017*

Fiscal Year 2013 funding from all sources: \$625,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

DCR will rehabilitate six locks at the Charles River Dam and Amelia Earhart Dam. If the locks fail, DCR will not be able to manage the water levels.

US Geological Survey Cooperative Programs *Project ID# R018*

Fiscal Year 2013 funding from all sources: \$690,000



Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program leverages federal funds to provide essential basic water resources information to the Commonwealth, including stream gauging at 73 sites across the state, which provide data crucial to regulators for managing watersheds.

Flood Control Annual Maintenance

Project ID# R024

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program funds the annual repairs program for Flood Control Facilities including the Charles River Dam, the Amelia Earhart Dam and associated flood control structures in the Metropolitan Boston Area.

Waterways Division Program

Project ID# R030

Fiscal Year 2013 funding from all sources: \$1,650,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program supports design, permitting, maintenance of waterways, maintenance of four state piers and maintenance of the Cape Cod Disposal Site.

Dam Rehabilitation Program

Project ID# R031

Fiscal Year 2013 funding from all sources: \$2,325,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This funds repairs to DCR dams that are rated high hazard potential, poor condition, significant hazard potential dam and failing condition.

Emergency Storm Reimbursements

Project ID# R041

Fiscal Year 2013 funding from all sources: \$700,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This provides funding to complete DCR projects which address previous declared disasters.

Cruiser Replacement

Project ID# S001

Fiscal Year 2013 funding from all sources: \$7,300,000

Project managed by: Executive Office of Public Safety and Security

Project to benefit: POL - Department of State Police

This program funds the ongoing cost for the replacement of high mileage State Police vehicles.

Mobile Data Terminal Replacement

Project ID# S005

Fiscal Year 2013 funding from all sources: \$1,500,000



Project managed by: Executive Office of Public Safety and Security

Project to benefit: POL - Department of State Police

This program will fund the ongoing cost for the purchasing and installation of laptop, printers, scanners and mounting brackets into new State Police vehicles.

Public Safety Equipment

Project ID# S007

Fiscal Year 2013 funding from all sources: \$500,000

Project managed by: Executive Office of Public Safety and Security

Project to benefit: EPS - Office of the Secretary of Public Safety and Security

This program funds the facility and equipment needs for agencies within the Executive Office of Public Safety.

Bullet Proof Vest Replacement Program

Project ID# S008

Fiscal Year 2013 funding from all sources: \$350,000

Project managed by: Executive Office of Public Safety and Security

Project to benefit: DOC - Department of Correction

This program supports the purchase of bullet proof vests for police officers.

Purchase of New Helicopters

Project ID# S009

Fiscal Year 2013 funding from all sources: \$5,450,000

Project managed by: Executive Office of Public Safety and Security

Project to benefit: POL - Department of State Police

This funds the purchase of one helicopter under the scheduled replacement of the current State Police patrol aircraft fleet.

Reasonable Accommodation Capital Reserve Account

Project ID# A019

Fiscal Year 2013 funding from all sources: \$150,000

Project managed by: Executive Office for Administration and Finance

Project to benefit: ANF - Office of the Secretary of Administration and Finance

This will fund necessary assets and improvements as identified through the Access and Opportunity initiative at the Executive Office for Administration and Finance.

ADA and Universal Access Improvements

Project ID# B031

Fiscal Year 2013 funding from all sources: \$5,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: DCP - Division of Capital Asset Management and Maintenance

In collaboration with A&F and the Office on Disability, DCAM is supporting statewide efforts to improve ADA/Universal Access improvements at state buildings.

DCAM Project Operations

Project ID# B042

Fiscal Year 2013 funding from all sources: \$14,400,000



Project managed by: Division of Capital Asset Management

Project to benefit: DCP - Division of Capital Asset Management and Maintenance

This program funds the ongoing costs of the Division of Capital Asset Management and Maintenance to carry out its capital programs.

Elevator Modernization - Transportation Building

Project ID# B050

Fiscal Year 2013 funding from all sources: \$1,170,000

Project managed by: Division of Capital Asset Management

Project to benefit: BSB - Bureau of State Office Buildings

This funds the design and construction to modernize the twelve elevators in the state transportation building.

Life Safety and Fire Alarm at State House

Project ID# B074

Fiscal Year 2013 funding from all sources: \$2,916,000

Project managed by: Division of Capital Asset Management

Project to benefit: BSB - Bureau of State Office Buildings

This funds emergency life safety and fire alarm improvements at the State House as identified in a recent master plan.

Life Safety Improvements at Hurley Building - Fire Alarm & Sprinklers

Project ID# B075

Fiscal Year 2013 funding from all sources: \$1,200,000

Project managed by: Division of Capital Asset Management

Project to benefit: BSB - Bureau of State Office Buildings

This funds the planning, design and construction of the installation of an updated fire suppression and alarm system and associated improvements at the Hurley building.

Deferred Maintenance - Statewide

Project ID# B078

Fiscal Year 2013 funding from all sources: \$30,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: DCP - Division of Capital Asset Management and Maintenance

This funds small repairs and maintenance projects at statewide facilities. The Office of Facilities Maintenance within DCAM manages this funding for the preservation of capital assets.

Medfield State Hospital Remediation

Project ID# B085

Fiscal Year 2013 funding from all sources: \$1,500,000

Project managed by: Division of Capital Asset Management

Project to benefit: DCP - Division of Capital Asset Management and Maintenance

This project funds the environmental evaluation, clean up, demolition of Clark Building and containment of demolition debris at the former Medfield State hospital.



Various Construction Costs - BSOB and Surplus Property *Project ID# B102*

Fiscal Year 2013 funding from all sources: \$50,000

Project managed by: Division of Capital Asset Management

Project to benefit: DCP - Division of Capital Asset Management and Maintenance

This funds the outstanding payments for bills due for DCAM's previous work at state facilities.

Roof and Exterior Repairs at the State House *Project ID# B109*

Fiscal Year 2013 funding from all sources: \$900,000

Project managed by: Division of Capital Asset Management

Project to benefit: BSB - Bureau of State Office Buildings

This funds repairs to the House Chamber necessary due to damage caused by the water infiltration that occurred prior to the roof replacement as well as some miscellaneous additional repairs.

State Transportation Building - Chiller Plant Upgrade *Project ID# B116*

Fiscal Year 2013 funding from all sources: \$720,000

Project managed by: Division of Capital Asset Management

Project to benefit: BSB - Bureau of State Office Buildings

This funds an upgrade of chiller plant at the State Transportation Building.

Worcester State Hospital & Bryan Building Investment *Project ID# B171*

Fiscal Year 2013 funding from all sources: \$6,700,000

Project managed by: Division of Capital Asset Management

Project to benefit: DMH - Department of Mental Health

This project funds the improvements to and maintenance of vacant space in the former DMH buildings on the Worcester State Hospital Campus so they can be reused for other state needs.

State House Improvements *Project ID# B176*

Fiscal Year 2013 funding from all sources: \$850,000

Project managed by: Division of Capital Asset Management

Project to benefit: BSB - Bureau of State Office Buildings

This funds a comprehensive renovation of the Gardner Auditorium, some miscellaneous improvements to the House Chamber and other office improvements.

DCAM Surplus Property Management and Maintenance *Project ID# B188*

Fiscal Year 2013 funding from all sources: \$4,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: DCP - Division of Capital Asset Management and Maintenance

This funds DCAM's continuing role in managing surplus properties that are closed but not yet dispositioned for alternative use.



Government Center Facility Management

Project ID# B189

Fiscal Year 2013 funding from all sources: \$2,996,760

Project managed by: Division of Capital Asset Management

Project to benefit: BSB - Bureau of State Office Buildings

This funds annual maintenance and improvement contracts for the Government Center buildings.

Treasurer's Office Renovations

Project ID# B197

Fiscal Year 2013 funding from all sources: \$1,000,000

Project managed by: Division of Capital Asset Management

Project to benefit: TRE - Office of the Treasurer and Receiver-General

This project will provide necessary renovations to the Office of the Massachusetts Treasurer and Receiver General.

DCR Parkway Maintenance

Project ID# R038

Fiscal Year 2013 funding from all sources: \$8,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This project funds ongoing maintenance efforts for the parkways under the control of DCR including resurfacing, guardrail and fence installation, street lighting improvements, traffic signal repair and sidewalk improvements.

DCR Parkway Reconstruction

Project ID# R039

Fiscal Year 2013 funding from all sources: \$10,000,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This program constructs and rehabilitates parkways under DCR control. The program will fund Memorial Drive Phase II and several new designs.

Blue Hills Parkway

Project ID# R055

Fiscal Year 2013 funding from all sources: \$150,000

Project managed by: Executive Office of Energy and Environment

Project to benefit: DCR - Department of Conservation and Recreation

This project funds a study and improvements to traffic circulation at the Blue Hills Parkway in Milton.

Statewide Road and Bridge Program Non Federal Aid Construction

Project ID# T002

Fiscal Year 2013 funding from all sources: \$108,863,487

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program funds transportation projects that are not eligible for reimbursement by the federal government.



Accelerated Bridge Program

Project ID# T005

Fiscal Year 2013 funding from all sources: \$360,451,359

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program will greatly reduce the number of structurally deficient bridges in the state system, while creating thousands of construction jobs on bridge projects.

Beverly Commuter Rail Station Parking Garage

Project ID# T007

Fiscal Year 2013 funding from all sources: \$11,379,368

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This project provides funding for a 500 vehicle garage at Beverly Depot Station.

Central Artery Tunnel Project

Project ID# T008

Fiscal Year 2013 funding from all sources: \$48,000,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This provides funding for settlements related to the Central Artery Tunnel Project.

Industrial Rail Access Program

Project ID# T010

Fiscal Year 2013 funding from all sources: \$3,000,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program is designed to encourage economic development and increased use of the rail transportation mode.

Intermodal Transportation

Project ID# T011

Fiscal Year 2013 funding from all sources: \$3,400,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program funds the ongoing cost for improvement grants to RTAs for planning, design and construction of Intermodal Transportation Centers.

Rail Purchase

Project ID# T012

Fiscal Year 2013 funding from all sources: \$51,300,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This funds the acquisition of a rail line that will facilitate expanded commuter rail service to Worcester, as well as provide greater control over the maintenance and dispatching of the line.



MassDOT - Highway Division Operations

Project ID# T013

Fiscal Year 2013 funding from all sources: \$217,037,242

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program funds the ongoing costs of the Highway Division at MassDOT to carry out transportation capital projects.

Highway Division Utility Agreements

Project ID# T014

Fiscal Year 2013 funding from all sources: \$14,000,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This funds the utility agreement costs associated with transportation construction projects.

Knowledge Corridor High Speed Rail Improvements

Project ID# T015

Fiscal Year 2013 funding from all sources: \$50,000,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

Amtrak's intercity passenger train service is restored to its original route by relocating the Vermonter from the New England Central Railroad to its former route on the Pan Am Southern.

Mass Transit Planning

Project ID# T016

Fiscal Year 2013 funding from all sources: \$1,500,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This funds the study and planning phases for future rail expansion projects for the Rail and Transit Division of the Massachusetts Department of Transportation.

MassDOT - Aeronautics Division

Project ID# T017

Fiscal Year 2013 funding from all sources: \$15,713,428

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program is focused on aviation investments, airport improvements, safety and security.

MassDOT- Office of Planning and Programming

Project ID# T018

Fiscal Year 2013 funding from all sources: \$76,838,564

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program funds the ongoing costs of the Office of Planning and Programming at MassDOT to carry out transportation capital projects.



South Station Rail Line Improvements

Project ID# T019

Fiscal Year 2013 funding from all sources: \$13,930,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This funds an expansion of Boston South Station, creates a new layover facility and plans for the relocation of an existing U.S. Postal Service General Mail Facility.

Mobility Assistance Program

Project ID# T020

Fiscal Year 2013 funding from all sources: \$3,000,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This funds financial assistance for transportation services planned, designed and carried out to meet the special transportation needs of elderly individuals and individuals with disabilities.

Rail Transportation

Project ID# T021

Fiscal Year 2013 funding from all sources: \$3,700,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program funds the ongoing costs for grants to municipalities and other public entities for projects that preserve or upgrade rail infrastructure.

Regional Transit Authority Capital Assistance

Project ID# T022

Fiscal Year 2013 funding from all sources: \$7,200,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

The Regional Transit Authority Capital Assistance Program provides matching funds for capital projects to the network of Regional Transit Authorities.

Salem Commuter Rail Station Improvements

Project ID# T023

Fiscal Year 2013 funding from all sources: \$4,255,970

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This project provides funding for an improved Salem Station and a new 553 parking space parking garage.

Statewide Improvement Plan - Fairmount Commuter Rail

Project ID# T024

Fiscal Year 2013 funding from all sources: \$11,156,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This project upgrades two rail stations, reconstructs six bridges, constructs a new track interlocking switching system and upgrades the existing signal system.



Statewide Improvement Plan - Green Line Subway Extension

Project ID# T025

Fiscal Year 2013 funding from all sources: \$50,984,990

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This project funds the extension of the Green subway line as required under the 2006 State Implementation Plan settlement agreement.

South Coast Rail

Project ID# T027

Fiscal Year 2013 funding from all sources: \$3,050,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This project will restore passenger rail transportation from South Station in Boston to the South Coast of Massachusetts (Taunton, Fall River and New Bedford).

Statewide Road and Bridge Federally Assisted - Interstate

Project ID# T030

Fiscal Year 2013 funding from all sources: \$83,587,149

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program funds the Commonwealth's share for federally assisted transportation projects on Interstate roads and bridges. These projects receive over 80% of the costs reimbursed by the federal government.

Statewide Road and Bridge Federally Assisted - Non Interstate

Project ID# T031

Fiscal Year 2013 funding from all sources: \$440,620,302

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program funds the Commonwealth's share for federally assisted transportation projects on Non - Interstate roads and bridges. These projects receive around 90% of the costs reimbursed by the federal government.

Research & Materials

Project ID# T036

Fiscal Year 2013 funding from all sources: \$596,174

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This program funds new research and materials for the Department of Transportation.

ALARS Modernization

Project ID# T037

Fiscal Year 2013 funding from all sources: \$11,000,000

Project managed by: Department of Transportation

Project to benefit: RMV - Registry of Motor Vehicles



This project replaces of the ALARS (Automatic License & Registration System) application suite initially deployed in 1986.

Snow Plow Purchase for Internal Savings Pilot

Project ID# T039

Fiscal Year 2013 funding from all sources: \$9,000,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

DOT will procure 30 trucks or heavy equipment to improve snow and ice removal, street sweeping, tree-trimming, sign installation, traffic control and other maintenance activities.

Maximo Asset Management IT Project

Project ID# T040

Fiscal Year 2013 funding from all sources: \$1,160,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This project creates an asset management database as required by the General Court.

Worcester Framingham Line Track Improvements

Project ID# T043

Fiscal Year 2013 funding from all sources: \$8,000,000

Project managed by: Department of Transportation

Project to benefit: DOT - Department of Transportation

This project improves the recently purchased rail track to enhance commuter rail service to Worcester.
