

# Commonwealth of Massachusetts

The seal of the Commonwealth of Massachusetts is faintly visible in the background. It features a shield with a Native American figure holding a bow and arrow, a five-pointed star above his right shoulder, and a crest above the shield showing a bent arm holding a broadsword. A ribbon scrolls around the shield with the Latin motto: "ENSE PETIT PLACIDAM SVB LIBERTATE QUIETEM".

## FY2011-2015 Five-Year Capital Investment Plan

October 2010

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



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## ***I. Preface***

A key component of the Patrick-Murray Administration's strategy for long-term economic growth is continued investment in the Commonwealth's capital assets. Improving the safety and condition of our roads and bridges; building new classroom and academic buildings; restoring our public housing stock; and investing in clean and renewable energy sources improves economic opportunity in communities across Massachusetts and creates thousands of new jobs.

As Massachusetts begins to emerge from the worst global economic recession since the Great Depression, the Patrick-Murray Administration is delivering on its promise to reverse decades of neglect. In a targeted, fiscally responsible way, the Administration is making lasting improvements that will ensure we emerge from the economic downturn faster and stronger than before, while improving our infrastructure Commonwealth-wide.

In continued response to the need for bold action to stimulate job creation and to support long-term economic growth, the Patrick-Murray Administration is proud to release this five-year capital investment plan for fiscal years 2011-2015. This plan is built on the foundation of the Administration's work with the Legislature over the past three and a half years to begin reinvesting in our state's infrastructure in a fiscally responsible, targeted and transparent manner. Since the Patrick-Murray Administration took office, there have been eleven bond bills enacted into law, authorizing funding for the capital investments reflected in this five-year plan and, in some instances, for years beyond this plan. The capital investments authorized by the bond bills reflect Governor Patrick's priorities, including investments in schools, infrastructure to support economic development, roads and bridges, affordable housing, parks and a clean environment. These capital investments have created thousands of jobs and ensure that Massachusetts will continue to be a great place to live, work, start a business and raise a family for years to come.

This capital investment plan continues to implement the vision and priorities established in each of the Administration's first three capital plans. In large part, the investments included in this fiscal year 2011-2015 plan continue projects launched in prior years or commence projects anticipated by the prior years' five-year plans.

There is strong evidence that the worst of the economic crisis is now behind us. Nevertheless, we still face economic challenges, and it is as important as ever that we prioritize our capital investments in a way that will maximize our ability to spur economic growth. Significant investments in higher education, transportation and housing continue to be high on the Patrick-Murray Administration's list of priorities. And investments in the innovation economy – including expanded broadband, the life

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sciences and clean energy – will ensure that Massachusetts is ready to compete in the 21<sup>st</sup> Century.

This capital investment plan is fiscally responsible. Three years ago, the Administration developed and published a debt affordability analysis and policy to ensure that the annual borrowing needed to support the capital investment plan is set at affordable levels. This debt affordability analysis and policy was a first for the Commonwealth, and it was positively reviewed by the credit rating agencies. The Administration has updated and republished the debt affordability analysis with this capital investment plan, and the borrowing levels used to develop this plan were determined based on the debt affordability policy. Due to the stressed economic and fiscal condition of the Commonwealth over the last three years reflected in the debt affordability analysis and policy, planned borrowing to support this five-year capital investment plan has been reduced by over \$1 billion since the original five-year capital plan published by the Administration three years ago.

This capital investment plan provides for the Commonwealth to invest significant resources in infrastructure and other public assets that are critical to our quality of life, the strength of our economy, and the efficient functioning of government at every level. Among other things, these investments will continue to attract private investment and support long-term economic growth that creates sustainable jobs for our citizens; build and maintain roads, bridges and rail we use for our daily commutes; improve public college facilities that educate our workforce and nurture our innovation economy; and create and preserve safe, affordable housing for the people of Massachusetts. Through the investments included in this plan, we will create thousands of jobs in the near term and we will create the environment needed to support job creation and economic growth over the long term.



## **II. 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 funded mainly by borrowing through the issuance of bonds. Other sources of funding for the capital budget include federal funds to primarily reimburse transportation infrastructure improvements; federal funds pursuant to the American Recovery and Reinvestment Act of 2009 which are targeted to specific capital purposes; and other sources of funding available to finance certain capital investment projects.

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

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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, small equipment purchases and information technology projects funded by state agencies through their operating budgets are not reflected in the capital investment plan.

### **III. 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 three and a half years ago. The following highlights summarize some of the Administration's accomplishments in the areas of capital investments and capital finance generally.

- *Unprecedented Commitment to Capital Investments* – From fiscal year 2008 through fiscal year 2011, the Patrick-Murray Administration will have made over \$10 billion in capital investments into the Massachusetts economy.
  - Fiscal year 2011 capital spending will be over \$3.4 billion – *twice* the amount of state capital investments in fiscal year 2007, when the Administration took office.
  - \$2.4 billion or 69% of the total fiscal year 2011 capital budget will fund infrastructure construction costs. The balance will fund studies and designs for new construction projects, personnel needed to carry out the capital programs, IT project costs, equipment and land purchases, and other costs.
- *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 fourth annual five-year capital investment plan and has been developed within the parameters set forth in the debt affordability policies.



- **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. All of the bond bills are described in more detail in Appendix B.
  - **Initiation of Key Projects** - A number of important new capital projects and programs have been initiated by the Administration, including: the accelerated bridge program, the South Coast Rail project, the new Worcester State Psychiatric Hospital project, the Emerging Technologies and Innovation Center at the Lowell campus of the University of Massachusetts, new courthouse projects in Taunton, Salem and Fall River, the correctional facilities master plan, the transit projects legally-required as mitigation for the Central Artery project and many more. 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 will repair hundreds of structurally-deficient bridges, create new construction jobs, build conditions for long-term economic growth, and save the Commonwealth hundreds of millions of dollars in avoided construction cost inflation and deferred maintenance costs. This program is underway and is discussed in more detail in the Transportation section of this report.
  - **Transportation Reform** - On June 26, 2009, the Governor signed legislation to reform the Commonwealth's transportation system. The legislation, which took effect November 1, 2009, consolidated various transportation agencies into a new authority called the Massachusetts Department of Transportation (MassDOT). The consolidation and the reforms in the legislation have already resulted in significant savings and increased capacity for investments in transportation infrastructure improvements.
  - **State Facility Maintenance** - The Administration has taken steps to improve maintenance 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 new, need-based evaluation process through the Division of Capital Asset Management and Maintenance. The
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Administration is committed to building on its efforts to improve the maintenance 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. 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 – such investments being crucial to achieving the goals of Executive Order 484. The Administration has also set high minimum "green building" standards for all new state building projects and is striving to go above and beyond such standards wherever possible, including plans for certain buildings to be "energy neutral".
  - *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 Finance Advisory Board* - Through new gubernatorial appointments, staff support provided by the Executive Office for Administration and Finance, and greater oversight responsibilities included in recent legislation, the Administration has strengthened the role of the Finance Advisory Board in ensuring transparency, accountability and best practices among state entities that borrow, invest and manage public funds. For the first time in the Board's history, the Board, with Administration assistance, complied with its statutory obligation to gather information about and to report on outstanding debt of the Commonwealth and other debt-issuing state entities. 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 over the last two years, 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
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for municipalities seeking to participate in these programs. This program will coordinate state review of applications and decision-making.

#### ***IV. 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.

While most of the ARRA funds have been critical in supporting state and local operating budgets, preserving healthcare, education and other vital safety net services, the Commonwealth has received targeted ARRA funds for infrastructure investments which have supplemented the Commonwealth's capital budget. Committed ARRA capital program funds for the Commonwealth include:

- Housing-related ARRA funds to clean up properties in troubled neighborhoods, help create new affordable housing, make our homes more energy-efficient, and support community development projects. Massachusetts has received commitments for over \$291 million in housing and community development ARRA funding.
- Transportation-related federal stimulus funds for "shovel-ready" state-wide road and bridge projects across the Commonwealth. Massachusetts received authority under ARRA to commit \$437.9 million over four years on road and bridge projects, except for \$59.6 million of this amount which will be applied to transit-related projects.
- Energy-related ARRA funds to increase energy efficiency to reduce energy costs and consumption and to reduce reliance on imported energy. Massachusetts is managing \$55 million of ARRA funds under the State Energy Program. Projects to receive funding include energy efficiency and renewable energy projects, such as solar and wind projects located at state office buildings and higher education facilities.
- 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 nine percent principle forgiveness, Massachusetts has been 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.

- The Commonwealth has been awarded \$45.4 million in federal stimulus 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, which will support long term economic growth, improve health care and education and strengthen public safety throughout the region. The state capital bond cap funds will be providing \$26.2 million in matching funds, bringing the total investment in the project to \$71.6 million.

It should be noted that the ARRA funding amounts reflected in this plan are only the amounts that have been awarded to the Commonwealth for capital investments to date. The Commonwealth may receive additional ARRA funding for infrastructure investments pursuant to competitive grant programs to be awarded at future dates. In addition, ARRA funding for infrastructure investments included in this report are only amounts that are awarded directly to the Commonwealth and do not include amounts awarded directly to the municipalities, independent authorities or other entities in Massachusetts.

In addition to funds that can be applied directly to capital projects, ARRA also provides 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 has created robust programs under the Recovery Zone Bonds, Clean Renewable Energy Bonds, Qualified School Construction Bonds, and Qualified Energy Conservation Bonds programs and selectively uses such programs when they provide a clear economic advantage over traditional tax-exempt bond financings.

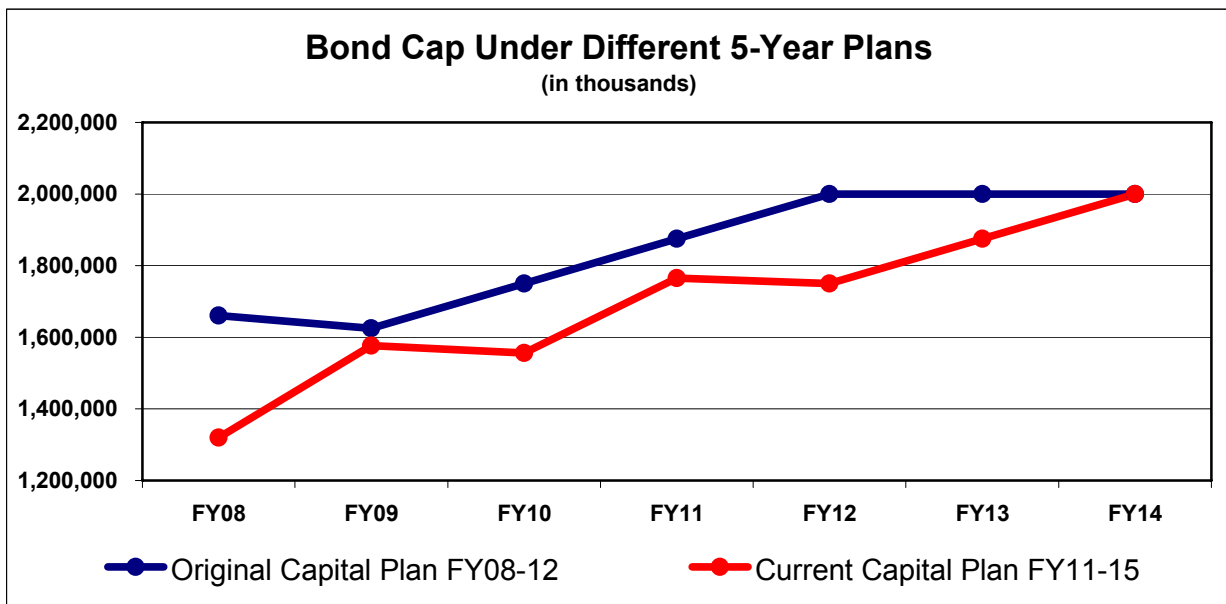
## ***V. Development of the FY11-15 Capital Investment Plan***

The FY11-15 Capital Investment Plan represents the fourth five-year plan since the Patrick-Murray Administration took office. As with the prior plans, the Administration has 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.



Development of last year's capital budget was distinguished by the historic decline in budgeted revenues over the prior year due to the economic downturn. By all accounts, the Massachusetts economy has stabilized and is recovering faster and stronger than the rest of the nations. Nevertheless, this year's capital plan is constrained by a lower base of revenues this year when compared to prior year's revenue growth expectations. The effect of a lower revenue base is exacerbated by the fact that the vast majority of the capital budget is committed to ongoing projects, which reduces our ability to introduce new or discretionary spending. Finally, increased cost estimates for the large transit projects associated with environmental mitigation relating to the Central Artery/Tunnel project and to which the Commonwealth is legally committed are crowding out other worthy projects.

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 FY11-15 capital investment plan is attached as Appendix A. As indicated in that analysis and illustrated below, the Administration has set the bond cap for fiscal year 2011 and the projected bond caps for future fiscal years at lower levels than it had previously planned in order to ensure that the amount of debt issued to fund the capital program is kept within affordable levels consistent with the Administration's debt affordability policy. Between the FY08-12 Plan and the FY11-15 Plan, planned bond-funded capital investments have been reduced by over \$1 billion during the period covered by those plans.





A full 90 percent of the bond-funded fiscal year 2011 capital budget is needed to fund “hard” commitments, including ongoing construction contracts, investments needed to generate federal matching 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 fiscal year 2011.

The entire fiscal year 2011 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 FY11-15 capital investment plan are provided in the discussions of investment categories below.

## ***VI. 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. Since FY91, A&F has established what is known as the “bond cap” to limit annual bond issuance in support of the capital program to affordable levels. For the fourth consecutive year, the Patrick-Murray Administration engaged in a rigorous analysis of the state’s outstanding debt within affordable levels. Based on this analysis, the Administration has established the FY11 bond cap at \$1.625 billion, \$1.75 billion for FY12, \$1.875 billion for FY13, \$2.0 billion for FY14 and \$2.125 billion for FY15. A complete description of the Administration’s debt affordability analysis and policy is attached as Appendix A.

In summary, the Administration takes a fiscally responsible approach to setting the annual bond cap, analyzing the Commonwealth’s capacity for debt issuance from the point of view of affordability. Specifically, the Executive Office for Administration and Finance (A&F) sets annual constraints on both the size of the bond cap and its future rate of growth.

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

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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 that the Commonwealth will have the capacity to accommodate steady increases in the bond cap over the next four years – albeit at lower base levels than originally planned due to economic conditions – while maintaining the percentage of the Commonwealth's budgeted revenues needed to pay debt service during that period 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 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.

## ***VII. Aggregate FY11-15 Capital Investment Plan***

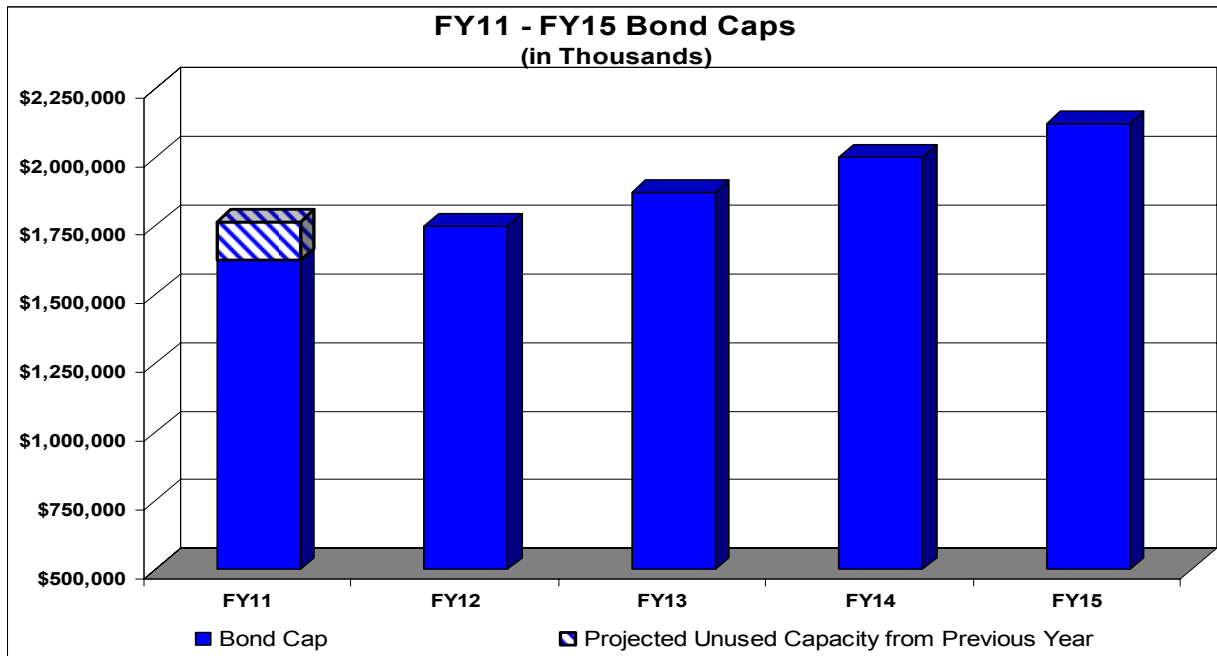
The full five-year capital investment plan by major investment categories is presented below. All specific projects and programs expected to be funded in fiscal year 2011 are identified in Appendix C, and descriptions of all of these projects and programs are included in Appendix D. It should be noted that many of the projects funded in fiscal year 2011 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 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 plan.

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**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 fiscal year 2011 includes \$140 million in unused capacity from the prior fiscal year.

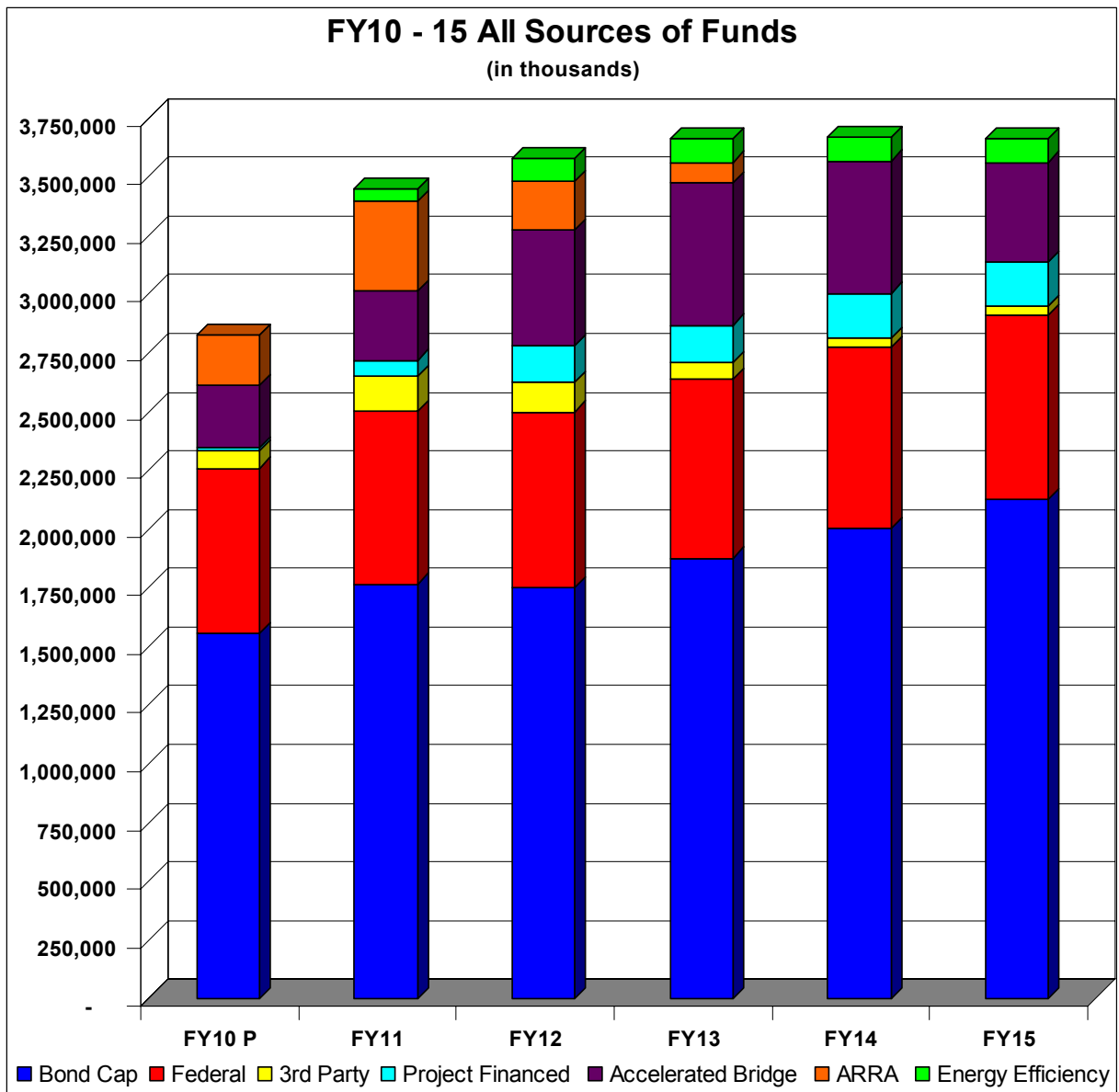


<b>FY11 - 15 Capital Investment Plan Total Bond Cap (In Thousands)</b>							
	FY11	FY12	FY13	FY14	FY15	5-year total	% of 5-year total
Community Investments	235,224	237,746	239,084	239,767	239,796	1,191,617	13%
Corrections	17,236	31,000	52,000	74,750	80,550	255,536	3%
Courts	75,438	50,621	52,750	107,100	131,100	417,008	4%
Economic Development	118,328	118,951	131,094	132,499	134,500	635,372	7%
Energy & Environment	109,653	101,431	104,051	105,451	107,851	528,437	6%
Health & Human Services	99,890	86,300	46,500	58,646	63,000	354,336	4%
Higher Education	134,095	166,425	262,000	258,900	258,900	1,080,320	11%
Housing	168,000	168,000	171,000	173,000	178,000	858,000	9%
Information Technology	97,194	83,192	84,337	87,005	89,013	440,741	5%
Public Safety	18,518	20,303	27,100	44,275	49,954	160,151	2%
State Office Buildings & Facilities	102,219	112,212	66,809	49,650	56,150	387,040	4%
Transportation	589,205	573,820	638,275	668,957	736,186	3,206,443	34%
<b>Totals</b>	<b>1,765,000</b>	<b>1,750,000</b>	<b>1,875,000</b>	<b>2,000,000</b>	<b>2,125,000</b>	<b>9,515,000</b>	



**Total Capital Spending by Year and by Major Investment Category**

The following chart and table show 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.





Commonwealth of Massachusetts  
Five-Year Capital Investment Plan – FY2011-2015

<b>FY11 - 15 Capital Investment Plan All Sources of Funding (In Thousands)</b>							
	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>5-year total</b>	<b>% of 5-year total</b>
Community Investments	299,460	283,746	278,084	277,267	275,796	1,414,353	8%
Corrections	17,236	31,000	52,000	74,750	80,550	255,536	1%
Courts	75,438	50,621	71,321	122,671	143,921	463,970	3%
Economic Development	203,792	193,639	191,388	182,499	184,500	955,817	5%
Energy & Environment	214,688	201,431	204,345	205,745	208,145	1,034,354	6%
Health & Human Services	99,890	88,300	53,500	63,846	68,000	373,536	2%
Higher Education	191,445	240,725	276,850	258,900	258,900	1,226,820	7%
Housing	322,499	240,216	171,000	173,000	178,000	1,084,715	6%
Information Technology	100,794	83,192	84,337	87,005	89,013	444,341	2%
Public Safety	33,318	30,328	38,550	48,900	49,954	201,051	1%
State Office Buildings & Facilities	102,219	112,212	66,809	49,650	56,150	387,040	2%
Transportation	1,762,515	2,022,838	2,172,017	2,123,094	2,067,900	10,148,365	56%
<b>Totals</b>	<b>3,423,294</b>	<b>3,578,248</b>	<b>3,660,200</b>	<b>3,667,327</b>	<b>3,660,829</b>	<b>17,989,898</b>	

**Description of Sources of Funds**

- Bond Cap – Commonwealth borrowing to support the regular capital program
- Federal – federal reimbursements for capital expenditures, primarily for transportation projects
- Third-party – contributions made by third-parties to capital projects being carried out by the Commonwealth
- Project-Financed Bonds – self-supporting bonds payable by the Commonwealth from a new stream of project-related revenue
- 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
- American Recovery and Reinvestment Act of 2009 (ARRA) – funds provided by the federal stimulus bill directly to the Commonwealth for targeted capital investments
- Energy Efficiency – self-supporting Commonwealth general obligation bonds payable with savings to be achieved as a result of energy efficiencies





**Comparison of FY10 Capital Spending and FY11 Capital Budget**

The first table below shows a comparison of FY10 projected bond cap spending to FY11 budgeted bond cap spending by major investment category. The second table shows a comparison of the total spending from all funding sources of fiscal year 2010 projected results and the fiscal year 2011 budget. The detailed fiscal year 2011 capital spending plan attached as Appendix C shows both the spending agency and major investment category for each project and notes the agency that will benefit from each capital investment.

<b>FY10 v FY11 Bond Cap Major Investment Category (In Thousands)</b>				
	<b>FY10</b>	<b>FY11</b>	<b>Difference</b>	<b>% Change</b>
Community Investments	220,669	235,224	14,555	7%
Corrections	17,470	17,236	(234)	-1%
Courts	104,903	75,438	(29,466)	-28%
Economic Development	94,124	118,328	24,203	26%
Energy & Environment	110,775	109,653	(1,123)	-1%
Health & Human Services	68,968	99,890	30,922	45%
Higher Education	76,077	134,095	58,019	76%
Housing	168,960	168,000	(960)	-1%
Information Technology	75,183	97,194	22,011	29%
Public Safety	19,003	18,518	(485)	-3%
State Office Buildings & Facilities	72,723	102,219	29,496	41%
Transportation	527,552	589,205	61,653	12%
<b>Totals</b>	<b>1,556,408</b>	<b>1,765,000</b>	<b>208,592</b>	<b>13%</b>

<b>FY10 v FY11 Total Spending Major Investment Category (In Thousands)</b>				
	<b>FY10</b>	<b>FY11</b>	<b>Difference</b>	<b>% Change</b>
Community Investments	273,836	299,460	25,624	9%
Corrections	17,470	17,236	(234)	-1%
Courts	104,903	75,438	(29,466)	-28%
Economic Development	94,124	203,792	109,667	117%
Energy & Environment	124,517	214,688	90,171	72%
Health & Human Services	69,968	99,890	29,922	43%
Higher Education	76,361	191,445	115,085	151%
Housing	273,217	322,499	49,282	18%
Information Technology	92,850	100,794	7,944	9%
Public Safety	42,180	33,318	(8,862)	-21%
State Office Buildings & Facilities	72,723	102,219	29,496	41%
Transportation	1,580,839	1,762,515	181,676	11%
<b>Totals</b>	<b>2,822,989</b>	<b>3,423,294</b>	<b>600,306</b>	<b>21%</b>



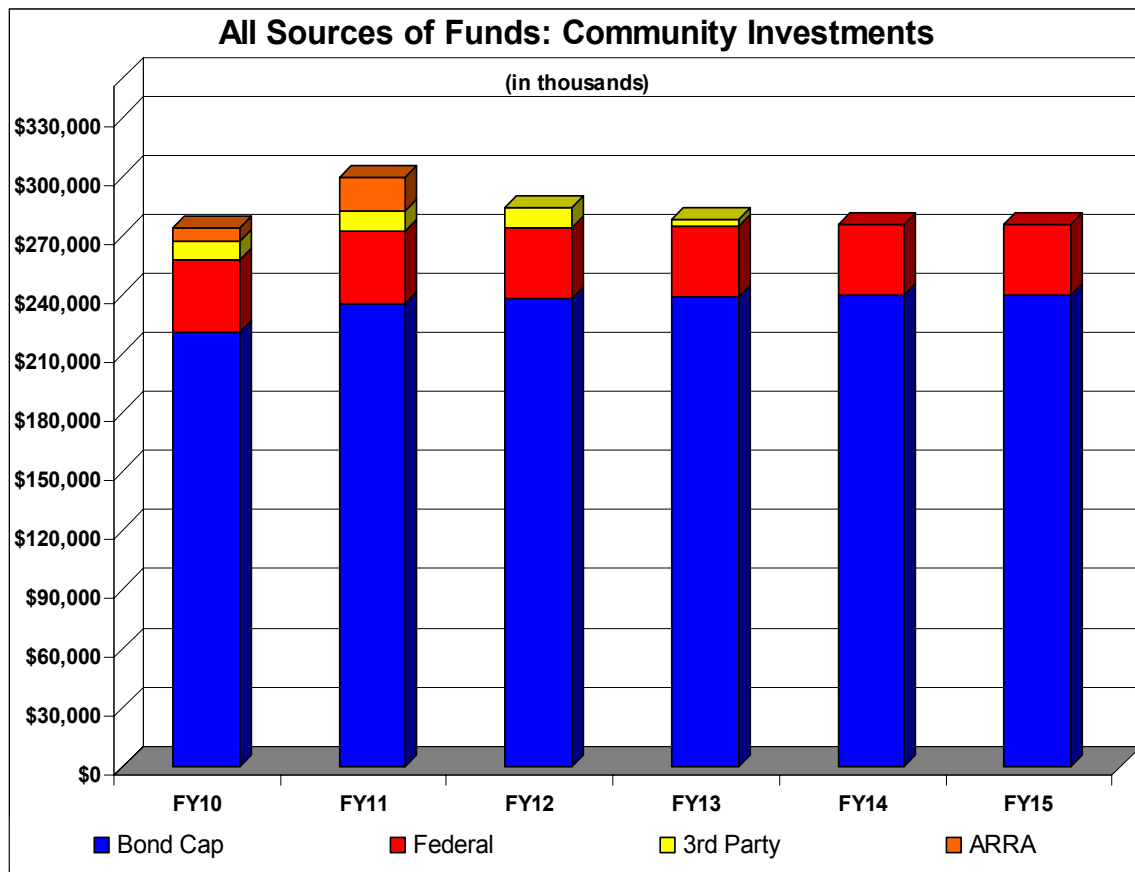
### VIII. Capital Investments by Investment Category

The five-year capital investment plan for each investment category is presented below with highlights of FY11 spending.

#### 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.

The following chart reflects the Administration’s total planned five-year capital investments in Community Investment programs, as compared to projected FY10 spending.





### ***FY11 Highlights***

- \$155 million funding level for Chapter 90 municipal road and bridge projects, a \$35 million increase over the annual funding level when the Patrick-Murray Administration took office.
- \$7 Million to support the Cultural Facilities Fund, for improvements and renovations of community-based cultural organizations across the state.
- Budgeted the Commonwealth's share of the \$125 million Essex Agricultural and Vocational Technical School project. This new facility will merge the North Shore Regional Vocational Technical School, the state-owned Essex Agricultural and Technical School and the vocational component of Peabody High School, which will serve 20 communities
- \$9 million for Library Construction Grants to match municipal and private contributions for the construction of new municipal libraries.
- Continuing waterfront improvement and repair projects in Beverly and Barnstable, in addition to \$8 million of other harbor-related investments through the Seaport Council.
- Through the state's investment of \$10 million, the Water Pollution Abatement Trust will access federal funds and bond funds to provide \$400 million of investment in local water infrastructure.
- Funding to 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.

Massachusetts was also recognized nationally for having obligated and broken ground on all 110 of its ARRA waterworks projects. The Massachusetts Water Pollution Abatement Trust has been awarded \$133.1 million of ARRA funding for local wastewater infrastructure projects and \$52.2 million for local drinking water projects. In FY11, the Trust expects to expend \$68 million and \$20 million of these amounts on wastewater and drinking water projects, respectively. These funds have not been reflected in this capital plan, since they are awarded directly to the Trust and do not flow through the Commonwealth.

### **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. The total custody overcrowding rate is approximately

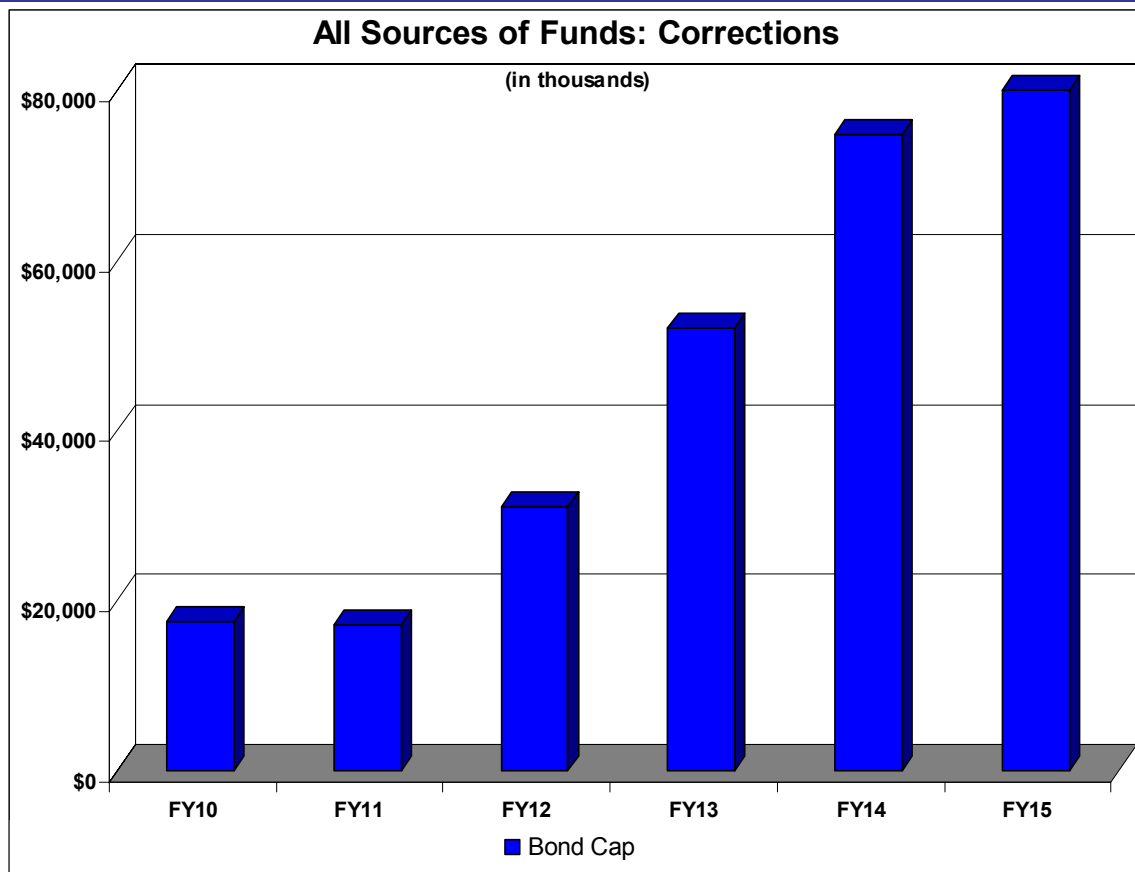
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140% of design capacity. In addition to the correctional facilities managed by the Department of Corrections, the Commonwealth has eighteen jails, houses of correction and related correctional facilities located in fourteen Massachusetts counties and managed by county sheriffs.

The age of the correctional facilities and the changing needs of the prison population create significant systemic and capital facility challenges. To address these issues, the Patrick-Murray Administration initiated a system-wide master planning process which began in late 2007. The master planning process has resulted in a complete assessment of the conditions and needs of the correctional system and makes recommendations with respect to programs and strategic capital investment opportunities for correctional facilities statewide. Although certain facilities have compelling needs when evaluated in isolation, it is critical that our limited capital investment resources be invested in a thoughtful and cost-effective manner to meet the programmatic demands and objectives of the entire correction system.

In fiscal year 2011, capital investments in our correctional facilities include the initiation and completion of studies for several projects recommended through the master planning process. Particular emphasis will be made on regional multi-jurisdictional facilities and special populations in order to develop a more coordinated and efficient approach to addressing the capital needs of the correctional system. The following chart shows the planned investments from all sources in correctional facilities from FY11-15, as compared to projected fiscal year 2010 spending for correctional facilities.



### ***FY11 Highlights***

- Implementation of the Corrections Master Plan for study and design of highest priority projects. As these projects move to the construction phase, funding levels increase over the course of the five-year plan.
- Funding for six separate projects, as recommended by the Corrections Master Plan, including:
  - Western Massachusetts Women's Facility in Hamden County
  - Eastern Massachusetts Women's Facility in Suffolk County
  - Pre-release & Intake Center in Essex County
  - Pre-release Center at Hampshire County
  - Department of Correction Medical & Mental Health Facility
  - Multi-Jurisdictional Correctional Facility

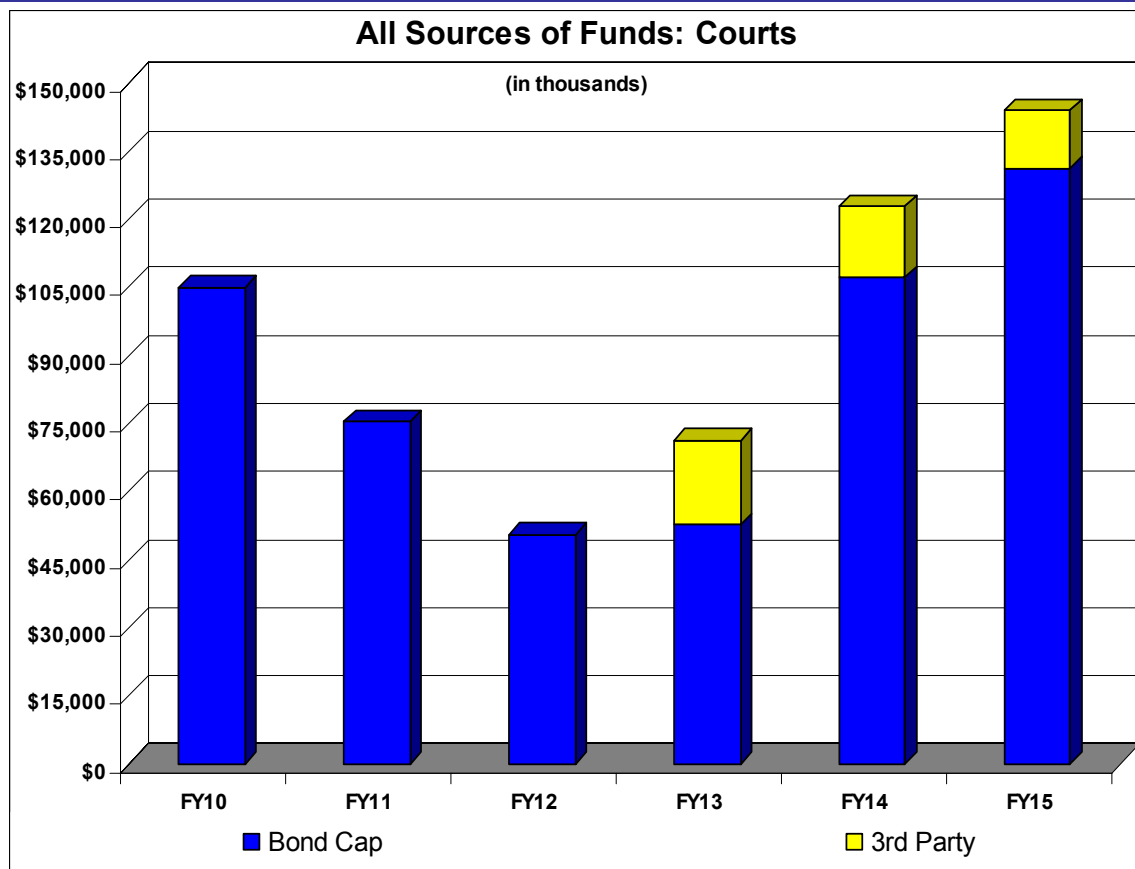


- Capital investments in FY11 are targeted to urgent repair needs, including \$3.7 million to complete renovated water treatment plants at correctional facilities at Plymouth and Norfolk, \$1.5 million for emergency repairs at Worcester County Jail & House of Correction, \$1.8 million for replacement of the central locking system at Essex County Jail & House of Correction, and \$2 million for improvements to inmate cells based on the recommendations of the Hayes Report.

## **Courts**

The Commonwealth's judiciary operates out of 105 active court facilities, with over 5.5 million gross square feet of space, in 60 communities across the state. Sixty of the facilities are state-owned and operated and 45 are a combination of county and privately-leased facilities. Capital spending for judiciary projects is administered through DCAM, which has spent approximately \$496 million on courts projects over the past five years, 32% of its total capital spending. DCAM and the Trial Court leadership have implemented a program centered on consolidated comprehensive justice centers. These multi-departmental buildings provide one-stop service for the public and the legal community and offer opportunities for improved efficiencies and coordinated operations for the Trial Court.

The following chart shows projected fiscal year 2010 spending and the Administration's expected five-year capital investments in courts. Lower spending in fiscal years 2011 and 2012 reflect the completion of the three major court projects currently underway and the initiation of the next wave of court projects, including projects in Greenfield and Lowell.



### ***FY11 Highlights***

- \$26 million for completion of the Fall River Justice Center, an \$85 million state-of-the-art courthouse which is the first LEED certified silver-designed courthouse in the state.
- \$26.6 million for continued construction of the new \$106 million courthouse in Salem, co-locating four trial court departments in a new building in historic downtown Salem and incorporating an historic former church building as the law library.
- \$25 million for completion of the new \$86 million Taunton trial court facility, also co-locating four trial court departments and creating a public plaza while providing for a future connection to the historic Superior Court building on the Taunton Green.
- Additional site preparation work and environmental remediation will continue on the new Lowell courthouse. This work will ready the site for the design phase scheduled to start in FY12.



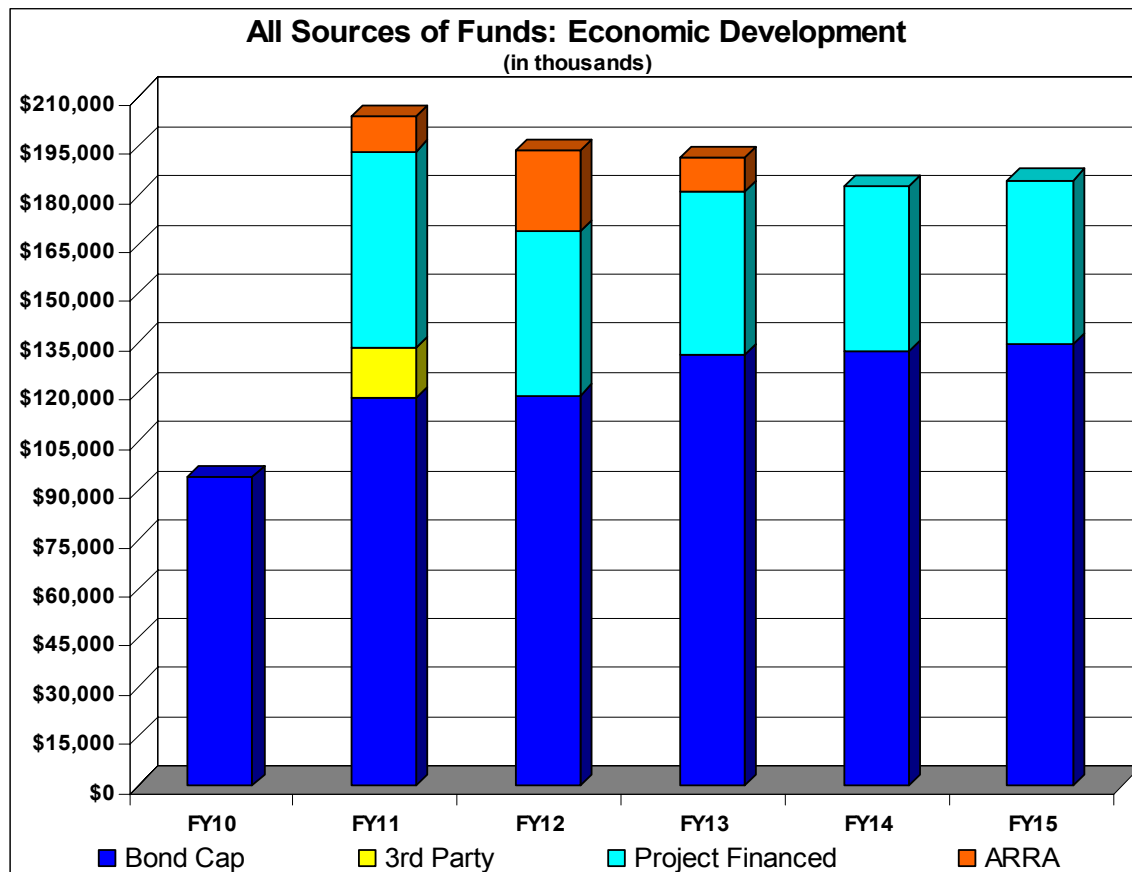
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- Design will begin on the \$60 million Greenfield trial court facility to consolidate all five trial court departments in a new building on the site of the existing courthouse.
  - In collaboration with the City of Northampton, DCAM will be developing a master plan for the future of the court facilities in that city.

### **Economic Development**

The Massachusetts economy is the largest in New England, and having such 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. Although the Massachusetts economy is recovering faster and stronger than the rest of the nation, the Commonwealth has been hit hard by the recession and unemployment is still at 8.8 percent today. 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 doing just that through strategically targeted capital investments that attract private investment and support the innovation economy of the future.

The following graph reflects the Administration's planned capital investments in economic development projects and programs over the next five years, as compared to fiscal year 2010 economic development-related spending.





### ***FY11 Highlights***

- The first round of funding from the Innovative Infrastructure Investment Incentive Program (I-Cubed) to finance public improvements at Assembly Square Project in Somerville.
- \$30 million in state-supported bonds to fund infrastructure improvements for the redevelopment project at the former naval air force base in South Weymouth.
- \$10 million for the Massachusetts Broadband Institute (MBI) to invest capital funds in long-lived, carrier-neutral infrastructure assets to more adequately equip residents and businesses to compete in the 21<sup>st</sup> century global economy. In July 2010, MBI received an ARRA award of \$45.4 million to be invested in a robust, fiber-optic network that will connect communities in the western and north-central regions of the Commonwealth.
- Creation of the MassWorks Infrastructure Program to provide a one-stop shop for municipalities seeking public infrastructure funding to support economic development and job creation. The Program represents an administrative consolidation of six grant programs:



- Public Works Economic Development (PWED) Grant
- Community Development Action Grant (CDAG)
- Growth District Initiative (GDI) Grants
- Massachusetts Opportunity Relocation and Expansion Program (MORE)
- Small Town Rural Assistance Program (STRAP)
- Transit Oriented Development (TOD) Program.

Management and oversight of these grants will be led by the MassWorks infrastructure team within the Executive Office for Housing and Economic Development.

- \$34 million will be invested in Governor Patrick’s Life Sciences Initiative capital program, which supports continued growth in one of Massachusetts key industries. These capital investments include funding for the construction of the Sherman Center at the University of Massachusetts Medical School - Worcester.

It should be noted that the capital investments reflected above in the Economic Development investment category include only the projects and programs in the FY11-15 capital investment plan that are designed first and foremost for the purpose of supporting economic development. There are, however, hundreds of millions of dollars more in planned investments reflected in the Transportation, Community Investment and other investment categories in the capital investment plan that will support economic development and the creation of jobs in the Commonwealth.

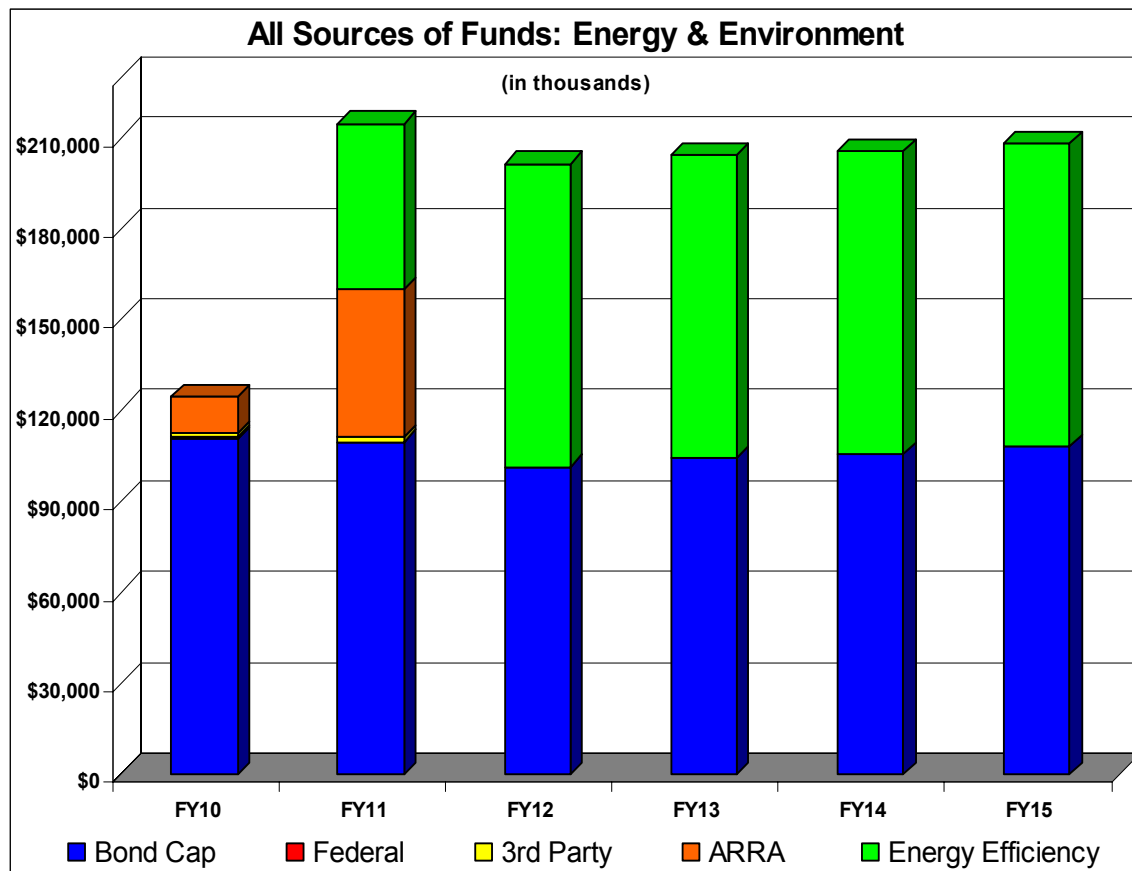
### **Energy and Environment**

The Executive Office of Energy and Environmental Affairs (EOEEA) stewards an incredible diversity of natural resources and infrastructure for the Commonwealth. Ten percent of the Commonwealth’s land mass is in state parks, forests and other conservation lands – including 450,000 acres of state forest and park systems. In addition to state parks and forests, the Department of Conservation and Recreation (DCR) manages 29 campgrounds, 87 beaches, 340 dams, 524 miles of urban parkways and 2,000 miles of trails. The Department of Fish and Game oversees over 186,000 acres of Wildlife Management Areas, Natural Heritage Areas and Wildlife Conservation Easements and maintains over 275 boat ramps and public access fishing and boating sites.



Managing these resources requires significant investments from both the operating and capital budgets. In particular, capital funds pay for important infrastructure projects, such as flood control measures, dam rehabilitation, improvements to recreational facilities, wildlife habitat protection, environmental hazard remediation, park and trail maintenance, and open space acquisition. Other agencies within EOEEA invest capital resources in projects and programs that contribute to clean water, clean air, clean energy, natural resources, agricultural resources and more.

The Administration's FY11-15 capital investments in energy and the environment are shown on the following graph and compared to projected FY10 investments.



### ***FY11 Highlights***

- The capital investment plan provides for \$45 million in fiscal year 2011 dedicated to open space protection. Some of these land protection investments are in the form of grants to municipalities and are reflected in the Community Investment category described above. In the aggregate these



land protection investments are being targeted to three main objectives: (1) the creation of urban parks, (2) the preservation of natural landscapes and habitats; and (3) the preservation of working landscapes.

- In January 2010, the Governor launched the Clean Energy Investment Program (CEIP) that will use general obligation bond funds to fund the installation of energy and water conservation measures that will yield sufficient annual savings in energy costs which will be applied to pay the associated debt service.
    - This program will create a permanent, low-cost funding program for financing sustainable energy efficiency projects. DCAM has a pipeline of approximately \$237 million for 32 ready-or near ready-to-go energy efficiency projects, which would generate \$22 million in annual savings and execution of which is a necessary step toward achieving Executive Order # 484 goals. These have been funded through leases in the past, which are not currently available, are more expensive than state bonds, and not transparent.
    - ARRA funds have been directed to accelerate the implementation of a five-year statewide energy project plan into a two-year period.
  - Maintain robust swimming pool program to complete rehabilitation of five urban pools by FY13.
  - Invest \$3 million towards the replacement of the Community Boating Dock system at the DCR Charles River Reservation in Boston in support of the valuable Learn To Sail program. Work will also include replacing the existing dock house and sail shed structures, replacing the boat ramp and making accessibility improvements to the boathouse entrance.
  - \$2 million to redevelop the currently closed Melnea A. Cass ice skating rink in Roxbury into a year-round, multi-use recreation center. This project will provide a safe, clean and accessible community-based facility and provide opportunities for expanded recreational activities, educational programming, shared arts and cultural experiences and economic benefits to the community.
  - Over \$2 million to commence the construction phase of the project to rehabilitate the Upper Mystic Lake Dam. This project will replace the Civil War era dam in Medford and Arlington and provide for improved operability of the water level controls, operational safety, upstream and downstream fish and eel passage while retaining the historic character of the site and enhance recreational opportunities.
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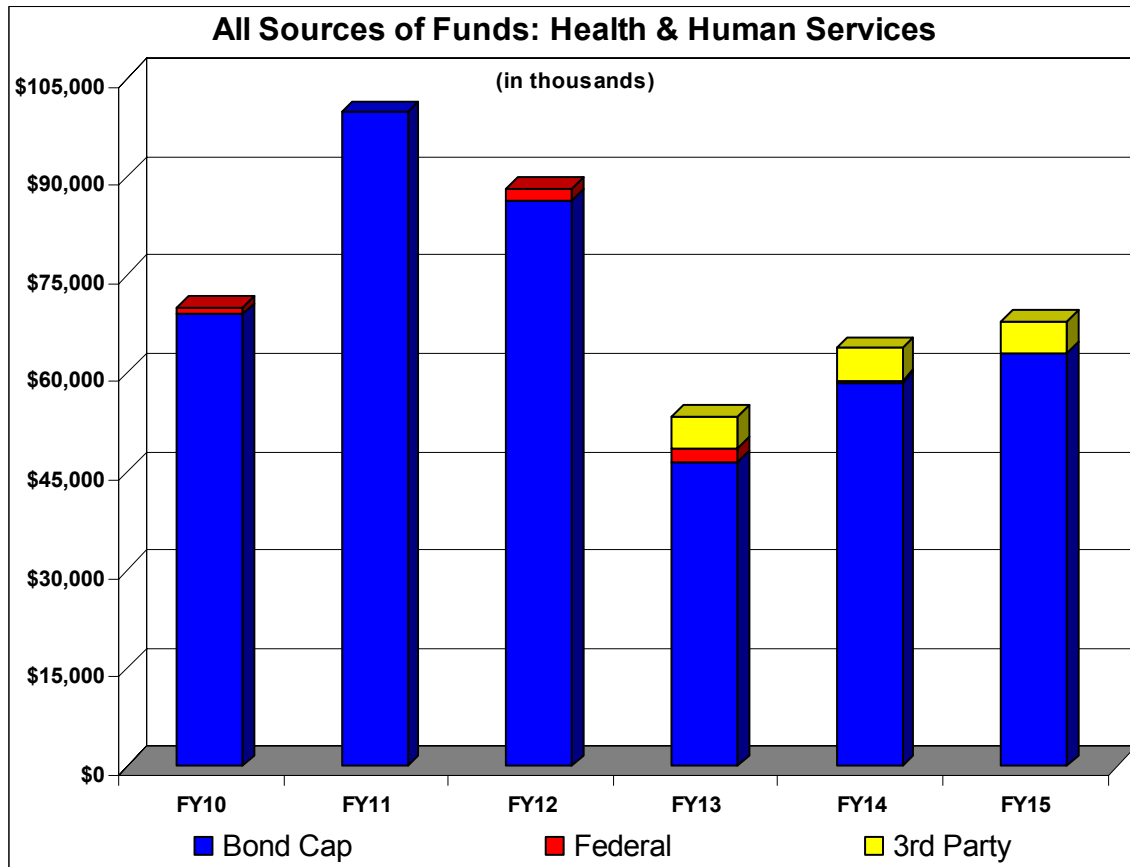
In addition to direct state funds noted above, the Commonwealth has been awarded \$74 million in energy-related ARRA funds. Key infrastructure components focus on building improvements to reduce energy use and costs. The ARRA programs for which the state has received funds include the State Solar Program, the High Performance Buildings Program, the Energy Efficiency and Conservation Block Grant program and the Leaking Underground Storage Tank Trust Fund Program.

It should be noted that the five-year capital plan contains a number of other energy and environment investments reflected in other spending categories. For example, repairs and reconstruction of Department of Conservation and Recreation (DCR) parkways are reflected in the Transportation category in recognition of the fact that these and other DCR roads are infrastructure projects for improvements in transportation service. In addition, the energy and environment investments shown in the chart above do not reflect energy and environment-related community investments, particularly in the area of land conservation programs for which the Administration significantly increased funding beginning in FY08. There are also amounts budgeted for energy efficiency improvements in various state facilities reflected in the State Office Buildings and Facilities category described below that are not reflected in the chart above.

### **Health and Human Services**

The Executive Office of Health and Human Services (HHS) provides critical services for the Commonwealth and is the largest segment of the executive branch, accounting for nearly half of the Commonwealth's operating budget each year. HHS facilities are numerous: more than 750 buildings, encompassing over 10 million square feet of space, are spread over 39 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 level of funding for health and human services capital projects over the next five years compared to projected fiscal year 2010 spending is reflected in the chart below.



### ***FY11 Highlights***

Investments in FY11 are highlighted below and continue to be concentrated in the construction of a new hospital, while advancing the Administration’s efforts toward addressing the backlog of physical plant needs in the state’s health and human service facilities.

- \$72 million of construction spending will continue on the new 320 bed state-of-the-art psychiatric facility on the grounds of Worcester State Hospital – a \$302 million project that will replace and consolidate two outdated existing Department of Mental Health facilities. The project has been designed to achieve Leadership in Energy and Environmental Design (LEED) Gold certification under the rating system for New Construction and Major Renovations. The new facility’s design is a national model that fosters recovery and rehabilitation with a 260-bed adult hospital, a 30-bed adolescent inpatient facility and 30 adolescent intensive residential treatment beds.



- Fast-track renovations to two buildings at Wrentham Developmental Center for the Department of Developmental Services to provide residential facilities in support of the closure of the Fernald Developmental Center in Waltham.
- \$20 million for urgent repair and replacement needs at various HHS facilities, including oxygen delivery, fire safety upgrades, ventilation, and heating and cooling systems.
- Continuation of a strategic master plan to assess HHS's needs for state-owned assets and community-based services. The master plan seeks to better match the state assets with the agencies' missions and to reduce capital repairs and operating costs in order to target HHS dollars to the provision of programs and services.

### **Higher Education**

The Commonwealth's higher education system, which serves approximately 260,000 students, is comprised of 29 campuses divided into three segments: 15 community colleges, nine state colleges and universities, as well as five University of Massachusetts campuses. In response to the alarming capital deficiencies at many of these institutions when he took office, Governor Patrick dramatically increased planned spending for higher education capital projects in the first five-year capital plan in FY08, and he obtained passage of a \$2.2 billion, 10-year higher education bond bill in 2008 as a key component of his 10-year education reform initiative.

The following graph reflects the Administration's capital commitment to public higher education over the next five years as compared to projected fiscal 2010 capital spending for higher education. The state's capital investment in higher education is increasing dramatically, and by 2013 higher education investments will represent 14% of the total bond-cap funded capital budget, compared to just 3% in fiscal year 2007. When Governor Patrick filed the higher education bond bill, he committed to making spending on higher education 10% of bond cap spending within 5 years; in this capital plan we will reach that level by 2012, the 4<sup>th</sup> year of the higher education bond bill.

The Patrick-Murray Administration commitment to public higher education will exceed \$1 billion in the FY11-15 plan, a historic level of funding. Other important figures include:

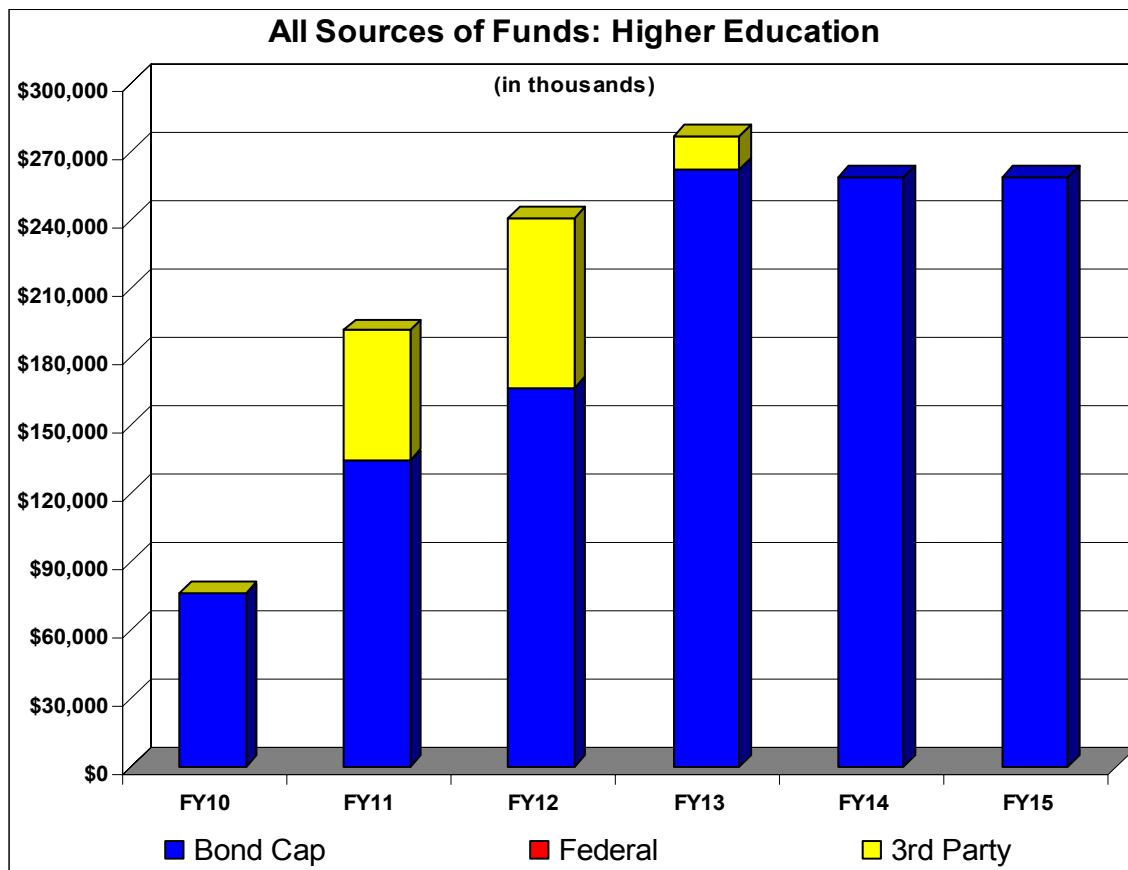
- Bond cap spending for higher education will increase by 76% between FY10 and FY11.



- All-Sources of spending for higher education will increase by over 151% between FY10 and FY11, as some of our projects are funded with contributions from UMass for a few of the larger projects.
- A new building at each UMass campus will be in construction in 2010.
- A second major project at each UMass campus is planned to begin in the second half of the five year plan.
- For State, University, and Community Colleges, there will be over \$100 Million in funding in every year of the five year plan; a level never before reached in the history of the Commonwealth.
- For State, University, and Community Colleges, there will be 18 different projects from the Higher Education Bond Bill completed or in construction by the end of this five year plan.

This significant capital investment in higher education is exclusive of additional amounts that will be invested in public higher education facilities as a part of the Life Sciences Initiative capital program included in the Economic Development investment category described above. In addition, while the chart below reflects amounts the university and college campuses are contributing to projects being carried out and primarily funded by the Commonwealth, it does not reflect additional amounts of campus funding and ARRA funding received directly by the campuses that the campuses invest in capital projects that they carry out.





### ***FY11 Highlights***

- Complete design and break ground for construction of a new \$152 million integrated science building at UMass Boston. This building will provide approximately 220,000 gross square feet of new laboratory, research and teaching space to support science programs.
- Continue construction of a \$144 million cutting-edge, 300,000 gross square feet science building at UMass Amherst, which will support engineering and science research in both wet and dry laboratory space.
- Acceleration of a new academic building at the UMass Amherst campus, to meet the anticipated academic space needs in 2014.
- Continue the construction phase of the Emerging Technology Center at UMass Lowell.
- Break ground for construction of a new \$40 million classroom building at UMass Lowell. The 63,000 gross square foot building will provide new general classrooms, new state of the art teaching spaces and faculty offices for the departments of Criminal Justice, Nursing and Psychology.



- Begin construction on the \$43 million Carney Library expansion and renovation project at UMass Dartmouth.
- Continue the construction phase of the \$98.6 million Bridgewater State University science building modernization and expansion.
- Continue the construction phase of the \$25.1 million library project at Massachusetts Maritime Academy. This project incorporates sustainable design and includes geothermal heating and other techniques to conserve energy.
- Continue construction phase of the \$31 million project to modernize the campus core, including expansion and improvements to the library, dining and assembly space, at Greenfield Community College.
- Continue construction phase of the \$34.4 million Allied Health Building at the Danvers campus of North Shore Community College, which will be the Commonwealth's first zero net energy building.
- Certify study and begin design for \$30 million project at Massachusetts College of Art and Design for the Center for Design Innovation.
- Start construction on \$2.9 million building stabilization project at Springfield Community College.
- Start construction on \$57.2 million project to renovate and add to the Condike Science Building at Fitchburg State University.
- Start demolition of vacant library and begin construction of the \$74.1 million project to build a new library and learning commons at Salem State University.
- Initiate several studies for various projects at Worcester State University, and Bristol, Middlesex, North Shore and Quinsigamond Community Colleges for projects to begin construction beyond FY11.

## **Housing**

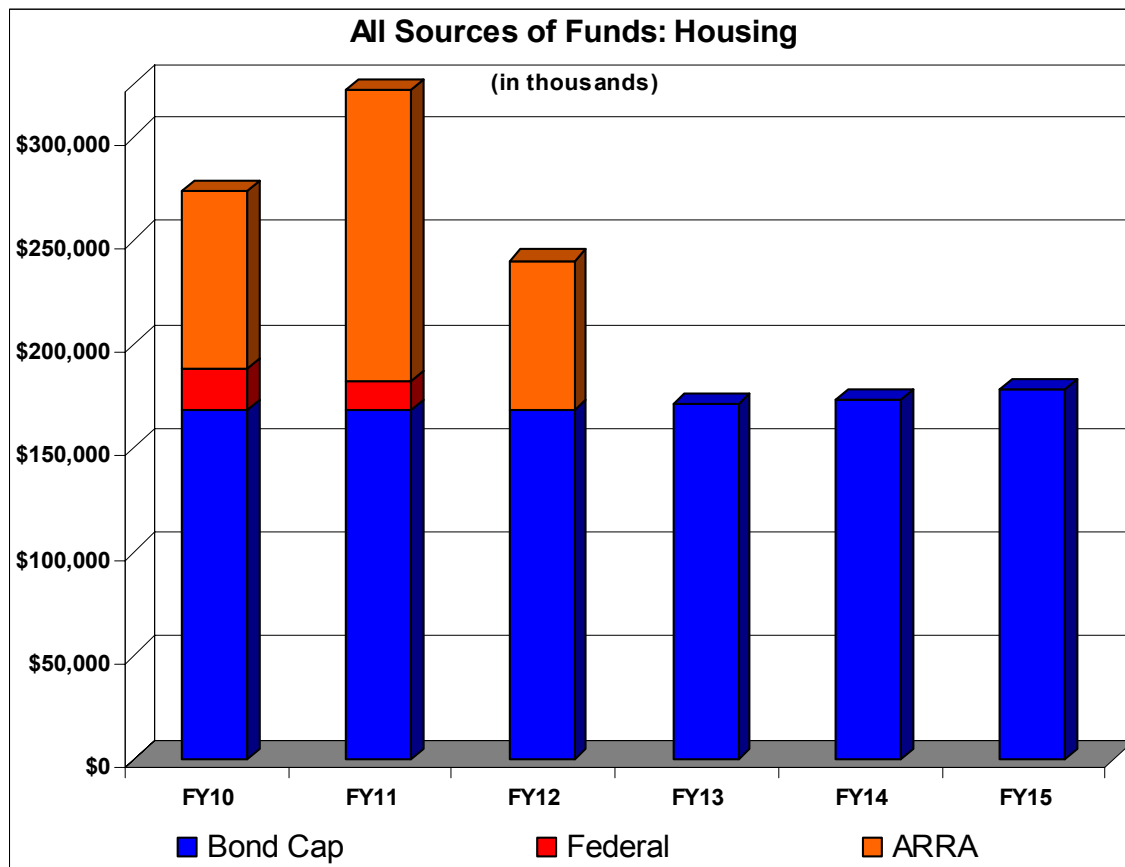
State spending for housing in Massachusetts includes both state-supported public housing, private affordable housing development, and rental voucher programs. The Commonwealth's state-supported public housing is a unique and valuable resource, consisting of 49,092 units in 242 cities and towns. The state's public housing portfolio supports some of our most vulnerable citizens and includes more than 32,000 units of housing for the elderly, 12,200 family units preferenced for veterans, 3,100 very low-density scattered site family housing, and 1,800 units primarily for disabled clients of DDS and DMH – in all, providing homes for more than 80,000 residents. The portfolio suffered neglect for the 16 years prior to this Administration assuming office, resulting in an inherited backlog of expired building systems and significant components that

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need replacement. As a way to offset the negative effects of the high costs of private housing in Massachusetts, both for renters and owners, the Commonwealth's private affordable housing development programs use a variety of financing resources, ranging from grants and loans to tax-credits, to support the production and preservation of affordable private housing.

The following graph reflects the Administration's estimated capital investment in affordable housing over the next five years, as compared to projected fiscal year 2010 affordable housing-related capital spending.



### ***FY11 Highlights***

- \$109.5 million (including \$5 million through the Affordable Housing Trust Fund and \$19.5 million in ARRA funds through the Weatherization Assistance Program) invested in public housing. Continuing Governor Patrick's commitment to public housing, this is over a 99% increase in funding for public housing compared to funding levels prior to the Patrick-Murray Administration. In addition to these investments through the state capital



budget, the Administration intends to continue to leverage affordable housing tax credits to increase investment in public housing.

- \$81 million in total spending for various private affordable housing development programs, including \$35 million into the Affordable Housing Trust Fund (which is net of the \$5 million in the Fund statutorily dedicated to public housing), one of the Department of Housing and Community Development's (DHCD) most flexible funding sources and a key means of supporting affordable home ownership and affordable rental housing.

In addition to direct investments, the Commonwealth has been awarded \$300 million of ARRA funds for capital investments to support affordable housing under a few different programs.

- In fiscal year 2011, DHCD expects to spend \$148 million of these ARRA funds. Of this amount, \$80 million in the aggregate will be funded from (i) the Tax Credit Exchange Program to exchange unused 2008 low-income housing tax credits and up to 40% of 2009 tax credits for affordable housing production subsidies and (ii) the Tax Credit Assistance Program to restart low-income housing tax credit projects that were stalled due to the financial crisis.
- Through the Weatherization Assistance Program, \$60 million will be expended in fiscal year 2011 to aid homeowners and local groups' efforts to make homes more energy-efficient, including investments in the Commonwealth's public housing stock referenced above. In addition to these ARRA amounts for affordable housing reflected in this Housing investment category, the Community Investment category includes \$7.5 million of ARRA funds in fiscal year 2011 from the Community Development Block Grant program to support housing-related community development activities.

### **Information Technology**

The Commonwealth's Information Technology Division (ITD) is a central provider of information technology (IT) services for the executive branch agencies, and provides shared services and policy guidance for non-executive branch agencies at their choosing. These services include internet access, enterprise applications, wide-area network, the official public-facing web portal ([www.mass.gov](http://www.mass.gov)), central e-mail system, and web and application hosting hardware, software and facilities. ITD sets IT policies and standards for all executive branch agencies and supports the Information Technology Advisory Board, the Chief Information Officer Cabinet, and other interagency IT

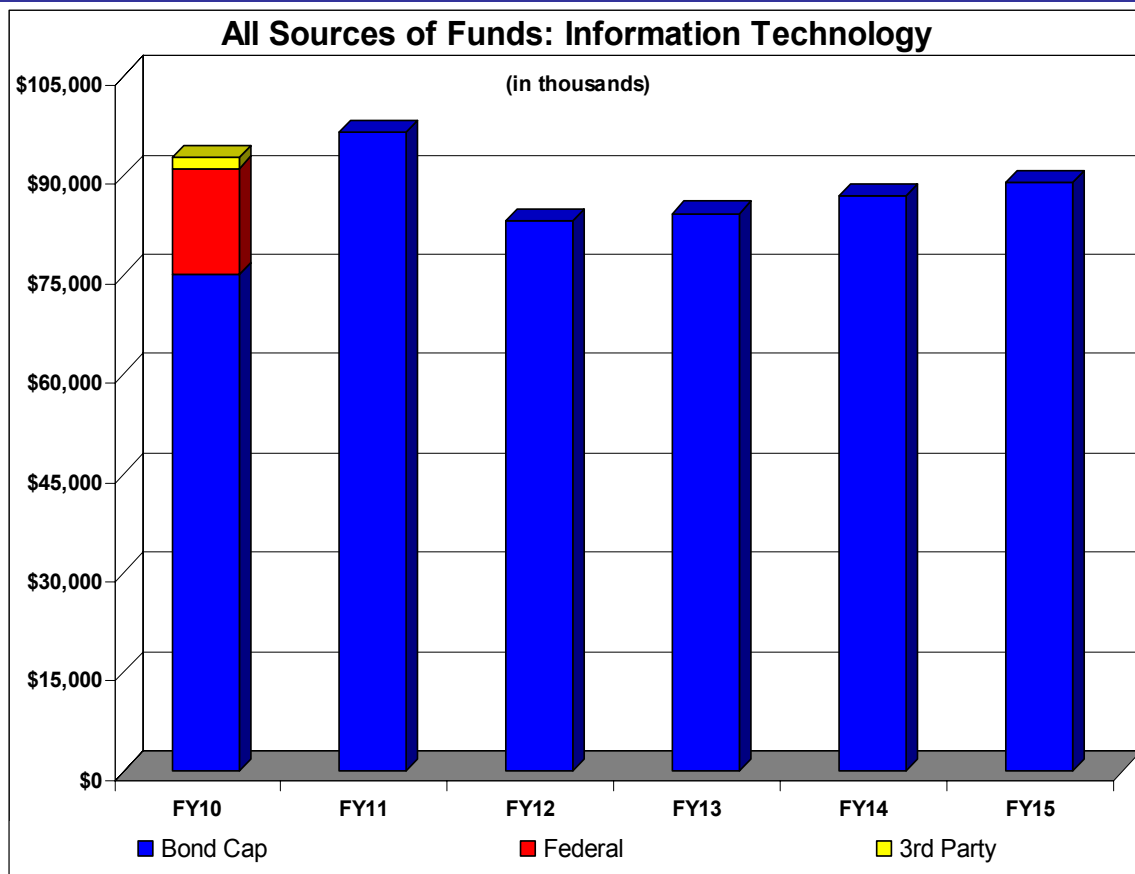
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governance groups. ITD also coordinates the development and annual update of the Commonwealth's IT Strategic Plan.

The Commonwealth's IT infrastructure consists of a wide array of information systems: 183 data centers, 100 phone systems, 24 e-mail systems and 15 data networks – many of which are aging and no longer meet all the modern-day business needs of state government. These vast and decentralized systems are too complex and fragmented to manage efficiently and are very challenging to maintain securely. In addition, these systems often cannot work and communicate effectively together, limiting the ability of agencies to collaborate and share resources to provide the kinds of information and services the public has come to expect in the internet age.

The FY11-15 capital plan makes investments to modernize major enterprise information systems, advance the strategic goal of consolidating statewide information technology to promote efficiency, effectiveness and security, and implement shared IT solutions to improve the operations of state government and provide better services to citizens, businesses and others. The following chart shows the Administration's total planned five-year capital investments in information technology, as compared to projected fiscal year 2010 spending.



### ***FY11 Highlights***

- \$20 million to 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.
- \$10 million for the Automated Licensing and Registration System (ALARS) modernization project for the Registry of Motor Vehicles, which is estimated to take five years to be fully completed. ALARS will implement internet based services to reduce customer branch visits and wait times, improve inter-agency collaboration through appropriate data sharing and exchanges and reduce costs and time for implementing system changes.
- \$9.5 million to continue re-building the Commonwealth's public safety information systems network, the public safety data center, and provisioning public safety applications and support services. The program will modernize the Commonwealth's criminal history system; procure a new fingerprint



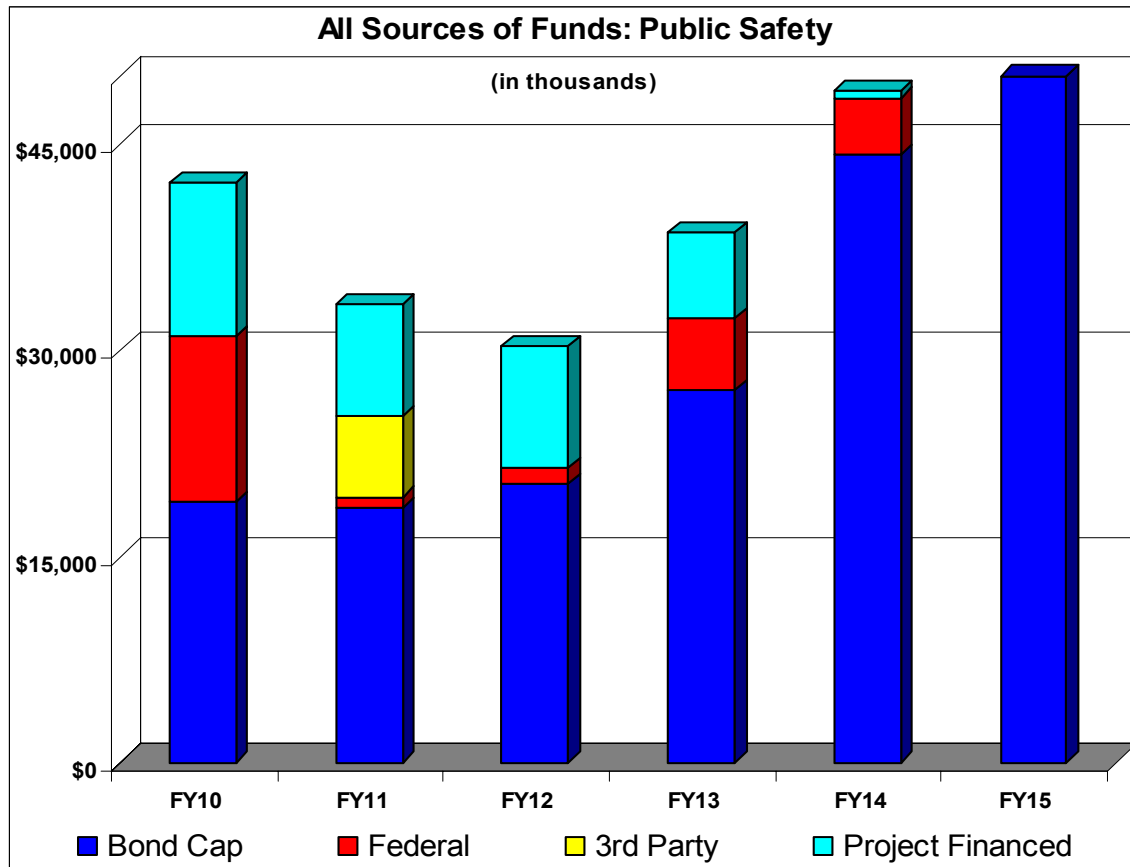
identification system to support the criminal history program and provide enhanced biometric identification services and forensics; and rebuild the Commonwealth's public safety data network to support day-to-day law enforcement and public safety operations and information sharing.

- \$8 million to launch the human resources modernization project to enable the Commonwealth to efficiently deliver an expanded array of enhanced human resources services to employees, deploy employee self-service to help lower operational costs, improve how the Commonwealth manages its workforce, and effectively leverage investments in related technologies and applications.
- \$8 million to continue the deployment of the new Quest Unemployment Insurance (UI) system, which integrates all UI processes, including revenue, benefits, program integrity and economic research. The new system will replace manual processes where appropriate with self-service interfaces and will facilitate attaining operational and financial measures such as timely employer status determination, on-time payments, and over payments fraud detection.
- \$2.5 million as a portion of the Commonwealth's matching contribution that leveraged an award of \$45.4 million in federal stimulus funding to expand broadband access in the western and northern central areas of Massachusetts, which is described in more detail in the Economic Development investment category above.

### **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 carrying out projects at Massachusetts military facilities to addressing the equipment and facilities needs of the state police, chief medical examiner, homeland security and emergency response agencies.

The chart below shows the planned five-year capital investments in public safety, as compared to projected fiscal year 2010 spending.



### ***FY11 Highlights***

- \$15 million to continue the implementation of the State Police digital wireless public safety radio network in western Massachusetts. This project will facilitate wide-area communications for public safety agencies operating in western Massachusetts, and will integrate seamlessly into the existing legacy 800 MHz network in place throughout the Commonwealth.
- \$6 million for completion of Phase II of the expansion of the Massachusetts Firefighting Academy at Stow. Funding is also allocated to acquire an existing City of Springfield Fire Training Academy and develop it into a western regional facility to supplement the Stow facility. Both of these projects are funded through assessments on property insurance policies and are thus reflected as “project financed” in the table above.
- Completion of the \$15.3 million Methuen National Guard Readiness Center for the Military Division. This project was fully federally funded, but managed by DCAM in collaboration with the local National Guard.





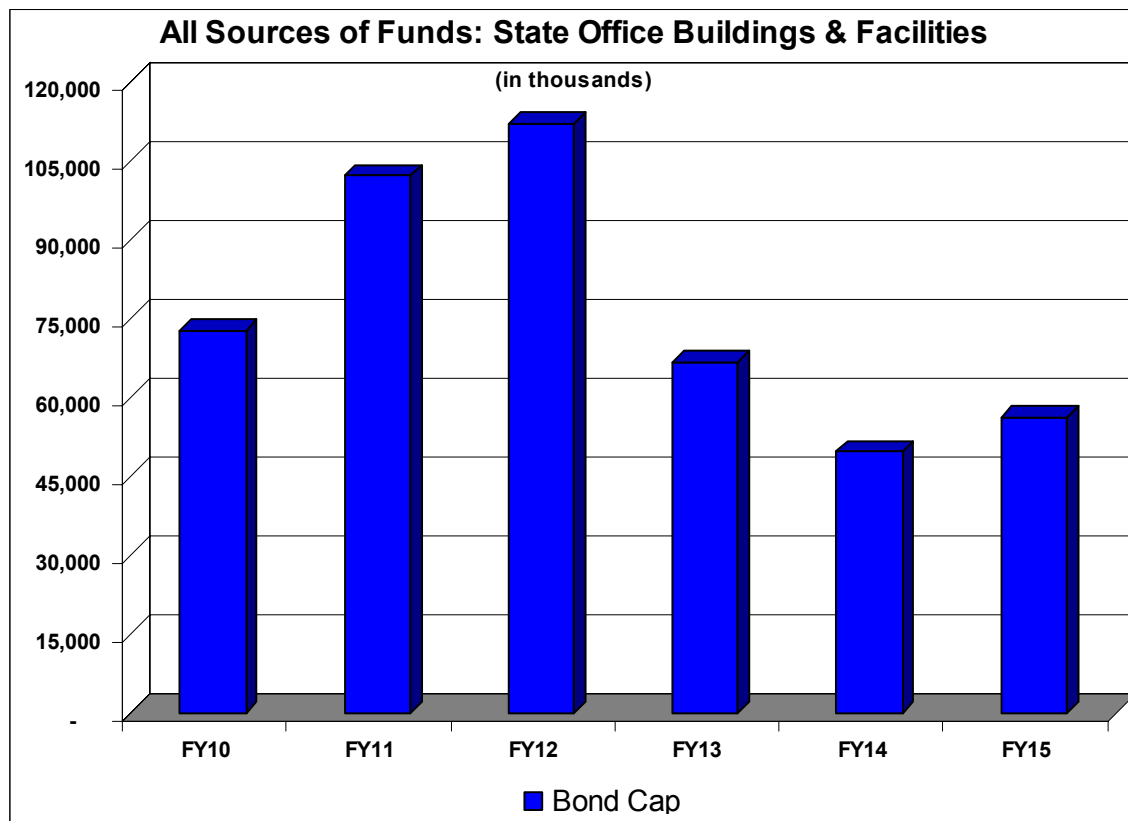
- The strategic master plan for the State Police will be finalized. This comprehensive study identifies capital investments which will better align the facilities infrastructure of the State Police with the needs of modern operations. The majority of barracks, for example, were constructed in the 1920's and 1930's and state policing operations have significantly changed since that era.
- Planning will begin for two replacement facilities for the medical examiner in the Worcester and western regions of the state.
- Planning and design for the \$13.5 million National Guard Readiness Center in Natick will commence. This project will be partially federally funded, but managed by DCAM in collaboration with the National Guard.

It should be noted that the investments shown above do not include public-safety related information technology investments or investments in correctional facilities, which instead are included in the Information Technology and Corrections categories described elsewhere in this report.

### **State Office Buildings and Facilities**

Safe, convenient and accessible state office buildings and facilities are necessary for the efficient and effective functioning of government and for providing programs and services. 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. Several state office buildings require elevator replacements and other improvements necessary to comply with building codes and American Disabilities Act (ADA) accessibility requirements. Fire alarms, sprinkler systems, power plants and HVAC systems must also be updated.

The FY11-15 capital investment plan builds on the progress made over the last three years to improve state office buildings and facilities. The following chart reflects expected capital spending over the next five years, as compared to projected fiscal year 2010 spending.



### ***FY11 Highlights***

- ***Energy Conservation and Renewable Energy:*** To meet the aggressive goals established by the Administration in Executive Order #484, the Commonwealth has made a strong commitment to improving energy efficiency and the use of renewable energy at state facilities.
  - Energy projects funded include conservation measures at Bristol Community College, a geothermal system as part of the new library at Massachusetts Maritime Academy, and photovoltaic panels for North Shore Community College, to assist in achieving a zero net energy building project for the college's new Allied Health building.
- \$33 million is allocated for continued design and construction activity for the second data center in Springfield, which broke ground this past spring. This mission critical facility will be an active back-up to the current data center in Chelsea and will run concurrently with that facility. The new facility will have higher levels of security and reliability and will enable data center consolidation as outlined in Executive Order #510.



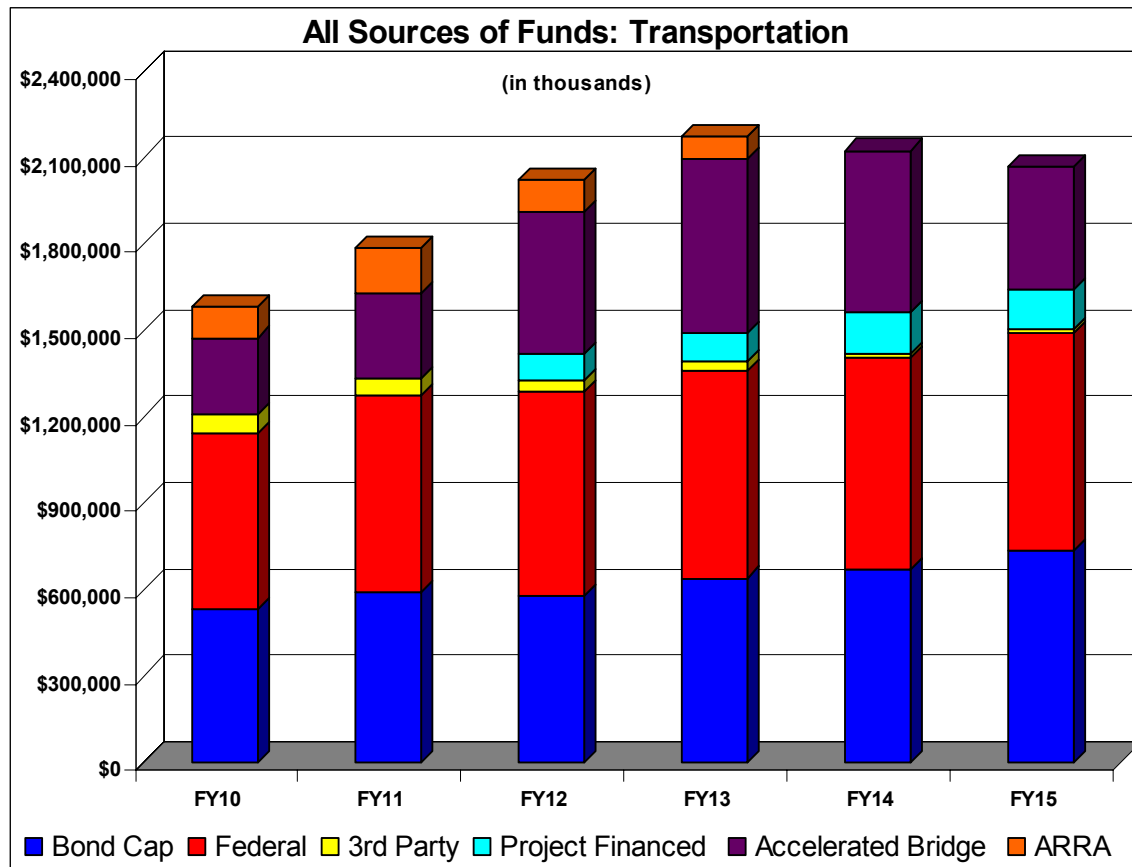
- An additional \$3 million is budgeted to complete the elevator modernization project in the 21-story McCormack State Office Building.
- Over \$11 million will be applied to completing the roof improvements and ongoing modernization of the fire alarm system of the State House.
- ***Deferred Maintenance:*** The continuation of a competitive process managed by DCAM to distribute \$32 million to state agencies for small deferred maintenance projects at 63 state-owned facilities in 34 agencies and covering over seven million square feet of property. Most deferred maintenance projects address roof, electrical and mechanical systems repairs.
  - Funding decisions are made by scoring secretariat requests according to a set of criteria that weighs, among other things, life safety, ability to provide critical client services and meeting new building code requirements.
  - Agencies prioritize repair needs into the statewide Capital Asset Management Information System (CAMIS).
  - To ensure that cost and spending estimates are accurate, agencies perform feasibility studies that are reviewed prior to funding the design and implementation of identified requests.
  - Agencies provide quarterly reports on the status of project implementation to allow for re-distribution of funds if projects are delayed or if an emergency project needs to take precedence.

### **Transportation**

The Commonwealth's transportation investment needs are extraordinary. The Patrick-Murray Administration has significantly increased investments to improve our roads, bridges, transit and other transportation system assets by allocating a larger portion of the capital budget over the last few years to transportation investments, initiating the Accelerated Bridge Program, and securing additional revenue dedicated to transportation. This trend of increased investment in transportation infrastructure continues in this updated five-year capital investment plan. In addition, the recently enacted transportation reform legislation will result in significant operating cost savings from reforms and consolidation of our transportation agencies into the new Massachusetts Department of Transportation and thereby free up additional funds for needed infrastructure investments.



The chart below shows the expected transportation-related capital investments from all sources for the next five years, as compared to the projected fiscal year 2010 transportation-related spending.



### ***FY11 Highlights***

- \$149 million for federally-assisted statewide road and bridge projects, up from \$136 million last year and leveraging nearly four times that amount in federal funds for road and bridge projects.
- \$95 million to the Statewide Road and Bridge Non-Federally Assisted Maintenance Fund for maintenance of Commonwealth-owned roads and bridges.
- Approximately \$71 million to address the State Implementation Plan (SIP) transit project commitments, including nearly \$40 million for the Fairmount Commuter Rail project and \$31 million for the Green Line extension. In addition, the Commonwealth is funding the SIP commitment for new parking spaces with a M.O.R.E. grant and ARRA funds.



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- In addition to the \$20 million from the federal TIGER grant award described below, \$10.3 million will be invested to continue the planning phase of the South Coast Rail project, which will extend the MBTA's commuter rail service to Fall River and New Bedford.
  - \$7 million for the Wachusett Mountain State Reservation Parkway and Summit improvement project, including the full rehabilitation of both up and down roads leading to the mountain summit, replacement of existing electric and telecommunication lines, and summit site work improvements.
  - Continue work on the \$17.5 million Nahant Beach Reservation rehabilitation project to enhance recreational opportunities, protect the natural resources and improve pedestrian and vehicular safety.

Effective November 1, 2009, the Highway Division of the MassDOT assumed responsibility for all of the former MassHighway road and bridge assets, the DCR bridge assets and certain parkway assets, the former Turnpike Authority assets and the Tobin Bridge, which have all been consolidated for operating purposes to achieve efficiencies in the management and operation of the state's road and bridge assets.

Under ARRA's Surface Transportation Program and Highway Infrastructure Investment Program, the Commonwealth was awarded \$437.9 million for restoration, repair and construction of the Commonwealth's state-wide road and bridge assets. Of this amount, MassDOT has transferred an aggregate of \$59.6 million in ARRA funds to support transit projects managed by the Massachusetts Bay Transportation Authority (MBTA) and regional transit authorities, leaving \$378.2 million for road and bridge improvements. The Commonwealth expects to expend \$138.6 million of this amount on projects in fiscal year 2011, compared to a total of \$83.3 million spent in fiscal year 2010. In addition, the MBTA has been apportioned \$232.2 million of ARRA funding under the Urbanized Area and Fixed Guideway Modernization program. Because this ARRA funding goes directly to the MBTA and does not flow through the Commonwealth, it is not reflected in this capital plan.

In a major milestone for South Coast Rail, the Obama Administration awarded MassDOT \$20 million in competitive stimulus funding through the Transportation Investment Generating Economic Recovery (TIGER) discretionary ARRA grant program. These grants are awarded to projects which improve transportation infrastructure while promoting innovation and energy efficiency/environmental sustainability. These funds will be applied towards replacing the deteriorating railroad bridges in New Bedford, which will enable bridge construction to begin in the fall.



### ***Accelerated Bridge Program***

On August 4, 2008, Governor Patrick signed into law a \$3 billion bond bill, known as the Accelerated Bridge Program bond bill. The Accelerated Bridge Program will repair bridges across the Commonwealth that are currently structurally deficient or would otherwise become structurally deficient during the next eight years. Instead of seeing the number of structurally deficient bridges increase by approximately 30% over the next eight years, the number will be reduced by approximately 15% during that time. Major bridge repair projects across the state will be accelerated, including the Longfellow Bridge over the Charles River, the Fore River Bridge in Quincy, the Whittier Bridge in Amesbury and the Route 9 Bridge over Lake Quinsigamond in Shrewsbury and Worcester, as part of the program.

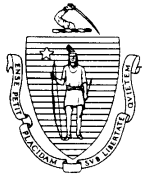
The goals and objectives of the Accelerated Bridge Program are to:

- Improve the safety and condition of bridges across the Commonwealth, with a focus on structurally deficient bridges and on bridges projected to become structurally deficient in the next eight years, so that by the end of the Program, the number of structurally deficient bridges will be approximately 250 fewer than would be the case under existing revenue streams.
- Create thousands of construction-related jobs and maintain the critical infrastructure necessary for the long-term economic growth of the Commonwealth.
- Generate significant cost savings by accelerating projects now, thereby avoiding construction cost inflation and cost increases due to deterioration caused by deferred maintenance.
- Complete projects on time and on budget and with minimum disruption to people and commerce. Innovative means of contracting and construction techniques have been employed.
- Conduct the entire Program with transparency and accountability by providing frequent and detailed reports to the public on the progress of the Program, develop project controls to ensure adherence to project schedules and budgets, and measure agency performance in streamlining design and construction schedules against benchmarks.

As of June 30, 2010, 23 bridge repair projects were completed, 52 were in construction and another 20 were in procurement. The total amount expected to be spent for the program in fiscal year 2011 is \$293.7 million.

A description of how the Accelerated Bridge Program is being financed is included in the Debt Affordability Analysis attached as Appendix A.

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# Commonwealth of Massachusetts Debt Affordability Analysis

Executive Office for Administration & Finance  
October 2010

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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 an extraordinarily challenging, albeit improving, economic climate and a high debt burden. In light of this challenge, it is more critical than 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 fourth 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](http://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 September 2009. 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.

State tax revenues declined at an historic rate over the last two years due to the economic downturn. Fiscal year 2009 state tax revenues were ultimately \$2.7 billion less than the original fiscal year consensus revenue forecast, and fiscal year 2010 revenues were revised downward a net of \$419 million from the original fiscal year consensus revenue forecast. Recent tax collection data suggest that the Massachusetts economy is growing faster and stronger than the rest of the nation, yet it is still unclear how robust growth in state tax revenues will be.

It is important that this debt affordability analysis take into account the impacts of the current challenging fiscal environment. It is also important, however, 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 2011 at \$1.625 billion. This is the same bond cap level for fiscal year 2011 that was projected in the five-year capital investment plan published in September 2009. When compared to the first five-year capital investment plan published by the Patrick-Murray Administration in July 2007, this updated debt affordability analysis results in a reduction of \$250 million of planned borrowing for fiscal year 2011 and a reduction of over \$1 billion of planned borrowing through fiscal year 2015, reflecting the changed economic conditions. (See Table 9.) As this analysis demonstrates, the planned bond cap levels for fiscal years 2011 through 2015, 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<sup>1</sup>, 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 by the Legislature.<sup>2</sup> 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.<sup>3</sup>

## **Statutory Debt Limits**

Legislation enacted in December 1989 restricts the amount of the Commonwealth's outstanding direct debt.<sup>4</sup> This legislation imposed a "statutory debt limit" of \$6.8 billion in fiscal year 1991 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 rules<sup>5</sup> and excludes several direct and contingent obligations of the

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<sup>1</sup> "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).

<sup>2</sup> General obligation contract assistance liabilities (which, like general obligation debt, must receive two-thirds approval of the Legislature) include 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, the Plymouth County Correctional Facilities Corporation, and the Saltonstall Building Redevelopment Corporation Project.

<sup>3</sup> 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.

<sup>4</sup> M.G.L. Chapter 29, Section 60A.

<sup>5</sup> 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



Commonwealth.<sup>6</sup> The statutory debt limit on “direct” debt during fiscal year 2010 was approximately \$17.2 billion,<sup>7</sup> and the Commonwealth’s outstanding direct debt subject to that limit was \$14.7 billion.<sup>7</sup>

Legislation enacted in January 1990 imposes a limit on debt service appropriations in Commonwealth operating budgets.<sup>8</sup> No more than 10% of total budgeted appropriations may 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 are also excluded from the debt service limit. As of June 30, 2009, budgeted debt service on debt subject to this limit was approximately \$1.58 billion, representing 5.2% of total budgeted expenditures, which were approximately \$30.6 billion.<sup>9</sup>

### ***Administrative Bond Cap***

The statutory debt limit and debt service limits represent only an upper limit on the amount of direct debt the Commonwealth may incur, and they do 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 been 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 fourth in total net tax-supported debt, fourth in total gross tax-supported debt (down from third in 2007),

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excludes bonds that are refunded by the proceeds of Commonwealth refunding bonds once those refunding bonds have been issued.

<sup>6</sup> 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.

<sup>7</sup> Commonwealth of Massachusetts Information Statement, June 8, 2010.

<sup>8</sup> M.G.L. Chapter 29, Section 60B.

<sup>9</sup> Commonwealth of Massachusetts Information Statement, June 8, 2010.



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).<sup>10</sup> 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.<sup>11</sup>

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., \$4.45 billion of debt issued by the Massachusetts School Building Authority). 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 49<sup>th</sup> out of the 50 states in terms of local debt as a percent of total debt (local and state debt)<sup>12</sup>, 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 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 third annual update of the analysis and the results inform the FY2011-2015 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.

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<sup>10</sup> Moody's Investors Service, "2010 State Debt Medians Report", May 2010.

<sup>11</sup> Standard and Poor's, "2009 State Debt Review: Significant Challenges Lie Ahead", December 16, 2009.

<sup>12</sup> U.S. Census Bureau, "State and Local Government Finances by Level of Government and by State: 2007".



### 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 receipts 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.

The Commonwealth's existing direct debt service obligations for fiscal years 2010 through 2015 are presented in the following table.

Table 1  
Existing Direct Debt Service Obligations  
Fiscal Years 2010-2015  
(\$000s)

Fiscal Year	General Obligations	Federal GANs (interest only)	Special Obligations (gas tax only)	Total Existing Direct Debt Service Obligations
2010	1,799,564	45,752	58,931	1,904,247
2011	1,878,364	44,957	58,932	1,982,253
2012	1,753,084	36,880	58,938	1,848,902
2013	1,768,952	28,933	58,922	1,856,807
2014	1,609,381	16,727	52,704	1,678,812
2015	1,560,147	5,641	52,701	1,618,489

As part of the comprehensive plan to address fiscal year 2011 budgetary challenges, the Commonwealth authorized a refinancing of up to \$300 million of the \$1.02 billion in principal due in fiscal year 2011. The Administration has already refinanced \$200 million of this authorized amount, primarily to smooth an unusual spike in debt service. The remaining \$100 million of restructuring debt was also issued, but it will only be applied to restructure debt later in the fall to the extent necessary based on tax revenue performance. If deemed not to be necessary for budgetary reasons, the \$100 million will be applied to fund authorized capital projects. This analysis assumes the full \$300 million in debt restructuring, the impact of which is shown in the following table.



**Table 1a**  
**Impact of**  
**Fiscal Year 2011 Debt Restructuring**  
(\$000s)

Fiscal Year	Refunded Debt Service	Refunding Debt Service	Savings
2010	0	0	0
2011	308,563	3,567	304,996
2012	0	10,578	-10,578
2013	0	10,578	-10,578
2014	0	101,143	-101,143
2015	0	101,099	-101,099
2016	0	101,125	-101,125

Table 1b adjusts the General Obligations Existing Debt Service Obligations by reducing fiscal year 2011 debt service and increasing fiscal year 2012 through 2015 by the amount of the debt service reflected in the “Savings” column, above.

**Table 1b**  
**Existing Direct Debt Service Obligations Including Fiscal Year 2011 Restructure**  
**Fiscal Years 2010-2015**  
(\$000s)

Fiscal Year	General Obligations Including FY11 Restructure	Federal GANs (interest only)	Special Obligations (gas tax only)	Total Existing Direct Debt Service Obligations
2010	1,799,564	45,752	58,931	1,904,247
2011	1,573,368	44,957	58,932	1,677,257
2012	1,763,662	36,880	58,938	1,859,480
2013	1,779,530	28,933	58,922	1,867,385
2014	1,710,524	16,727	52,704	1,779,955
2015	1,661,246	5,641	52,701	1,719,588

Contract assistance obligations, including certain capital lease obligations that relate to major capital projects, were also included in the examination of existing Commonwealth obligations.<sup>13</sup> These obligations for fiscal years 2010 – 2015 are presented in the following table.

<sup>13</sup> The analysis includes major capital lease obligations, such as lease payments that support the Route 3 North Transportation Improvements Association, the Plymouth County Correctional Facilities Corporation, and the Saltonstall Building Redevelopment Corporation Project, all of which are large-scale capital projects that were funded outside of the bond cap by prior administrations. For the Massachusetts Department of Transportation as successor to the Massachusetts Turnpike Authority, the contract assistance payment obligations reflect an increase of \$100 million annually beginning in fiscal year 2010 pursuant to comprehensive transportation reform legislation. Contract assistance for infrastructure development related bonds issued by Massachusetts Development Finance Agency (MassDevelopment) are not included in this analysis as they are expected to be fully reimbursed by incremental state tax revenues resulting from the development or 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.



Table 2  
Existing Contract Assistance Obligations  
Fiscal Years 2010-2015  
(\$000s)

Fiscal Year	General Obligation		Budgetary			Total Contract Assistance Obligations
	Water Pollution Abatement Trust	MassDOT (Turnpike Authority)	Route 3 North Transportation Improvements Association	Plymouth County Correctional Facility	Saltonstall Building	
2010	67,262	125,000	9,618	10,244	9,437	221,561
2011	70,000	125,000	9,618	10,225	9,509	224,352
2012	70,000	125,000	5,409	10,240	9,578	220,227
2013	70,000	125,000	1,129	10,245	9,649	216,023
2014	70,000	125,000	1,130	10,244	9,723	216,097
2015	70,000	125,000	1,128	10,250	9,840	216,218

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 2011 is \$29.99 billion. This estimate is based in part on a tax revenue estimate of \$19.078 billion, which consists of the consensus tax revenue estimate of \$19.05 billion as determined by the Secretary of Administration and Finance and the chairs of the House and Senate Committees on Ways and Means on January 13, 2010, \$48 million of additional tax revenue expected as a result of enhanced collection initiatives included in the budget for fiscal year 2011, less \$20 million in reduced sales taxes to be collected as a result of the sales tax holiday in August 2010. For purposes of projecting budgeted revenue in future fiscal years, the compound annual growth rate (CAGR) in budgeted revenues from fiscal years 2001 through 2011 of 2.75% was applied to fiscal year 2012 revenues and to each year thereafter. This is consistent with past practice of applying the lesser of (a) the CAGR of historical budgeted revenues, which is 2.75%; and (b) 3%.

To ensure consistency, the budgeted revenue projection for fiscal year 2011 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. The fiscal year 2011-2015 budgeted revenue amounts are projections, as described above.

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

Fiscal Year	Budgeted Revenues (Excluding ARRA Revenues)	Annual Growth Rate	Compound Annual Growth Rate
2001	22,860,700	n/a	
2002	21,174,800	-7.37%	} 2.75%
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%	} Projections
2008	30,313,200	5.93%	
2009	28,412,300	-6.27%	
2010	29,125,400	2.51%	
2011	29,995,500	2.99%	
2012	30,821,429	2.75%	
2013	31,670,099	2.75%	
2014	32,542,138	2.75%	
2015	33,438,188	2.75%	

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 2010 and in each of the next five fiscal years as a percentage of the budgeted revenue projection for each of those fiscal years. The existing obligations include the effect of the debt restructuring described above.

**Table 4**  
**Existing Debt Obligations as Percentage of Budgeted Revenue**  
Fiscal Years 2010-2015  
(\$000s)

Fiscal Year	Existing Direct Debt Service Including FY11 Restructure	Existing Contract Assistance	Total Existing Obligations	Projected Budgeted Revenue	Debt Service as % of Budgeted Revenue
2010	1,904,247	221,561	2,125,808	29,125,400	7.30%
2011	1,677,257	224,352	1,901,609	29,995,500	6.34%
2012	1,859,480	220,227	2,079,707	30,821,429	6.75%
2013	1,867,385	216,023	2,083,408	31,670,099	6.58%
2014	1,779,955	216,097	1,996,052	32,542,138	6.13%
2015	1,719,588	216,218	1,935,806	33,438,188	5.79%



### Accelerated Bridge Program

In fiscal year 2009, the Commonwealth launched a new capital investment program known as the “Accelerated Bridge Program” (the Bridge Program). The 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 Bridge Program will be financed with a combination of two sources: (1) special obligation gas tax bonds of the Commonwealth, and (2) federal grant anticipation notes.

The following table shows the current estimate of annual Bridge Program spending between fiscal years 2010 and 2015 to be funded with a combination of gas tax bonds and federal grant anticipation notes.

**Table 5**  
**Accelerated Bridge Program Spending Schedule**  
**Fiscal Years 2010-2015**  
(\$000s)

Fiscal Year	Gas Tax Bond Bridges Spending	Federal GANs Bridges Spending	Projected
			Accelerated Bridge Program Spending
2010	206,872	0	206,872
2011	275,333	18,406	293,739
2012	378,798	114,166	492,964
2013	327,097	277,760	604,857
2014	269,410	295,322	564,732
2015	212,846	212,567	425,413
	1,670,356	918,221	2,588,577

In addition to addressing the public safety and transportation concerns posed by the Commonwealth’s backlog of structurally-deficient bridges, the 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 to be borrowed and expended for the Bridge Program over the next few years will be in addition to the bond cap for the regular capital program. The debt service impact of the 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 special obligation gas tax bonds and the interest payable on any federal grant anticipation notes issued to finance the Bridge Program will be included in the total debt service payment obligations that must be constrained within 8% of budgeted revenues (principal on the federal grant anticipation notes will be payable from future federal grants which are not included within budgeted revenue). This treatment of the Bridge Program gas tax 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 gas tax bonds and federal grant anticipation notes.

The impact of the Bridge Program will be to constrain the bond cap in future years. As the debt service impact of the debt issued to finance the Bridge 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 8% limit. 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, the Bridge Program 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, and the related new revenue used to pay such obligations, 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 will 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 in fiscal year 2010 and the subsequent five fiscal years 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 2010-2015  
(\$000s)

Fiscal Year	Infrastructure Development Projects Debt Service	DFS Insurance Assessments	Energy Efficiency Projects Debt Service	Total Self-Supporting Debt Service
2010	0	1,648	0	1,648
2011	2,602	2,288	1,100	5,989
2012	6,576	2,646	7,222	16,443
2013	9,479	2,901	14,943	27,323
2014	12,680	3,072	22,664	38,416
2015	15,873	3,092	30,385	49,350

Table 8 excludes such amounts from both the debt service and the budgeted revenue estimates.

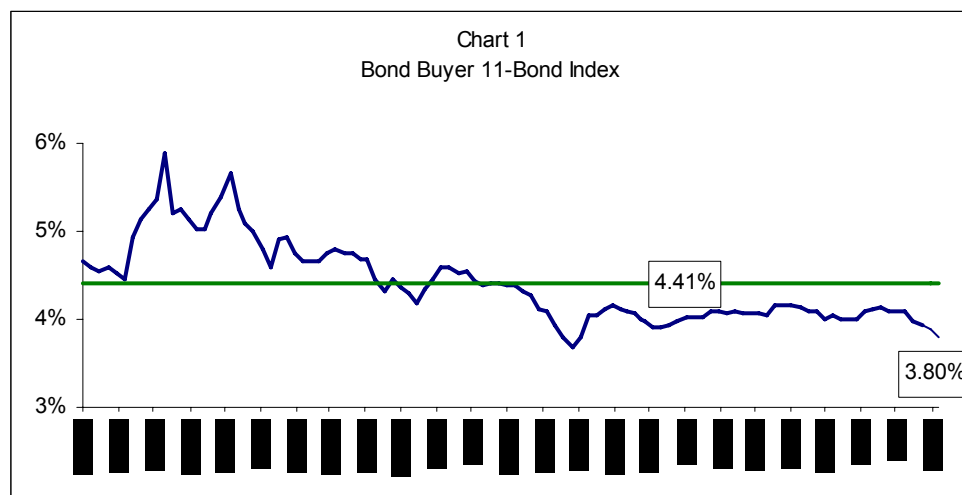
### ***Fiscal Year 2011-2015 Debt Issuance Modeling***

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 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 Bridge Program financing, all of the federal grant anticipation notes are expected to be paid by fiscal year 2022 and this analysis assumes that one-third of the special obligation gas tax 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 Bridge Program is 4.55%, which was the rate used in the Debt Affordability Analysis performed last year, and which reflected the average of the prior 24 months of the Bond Buyer 11 Index<sup>14</sup>. Due to existing economic conditions and actions of the Federal Reserve, current interest rates are very low compared to historical averages, and we decided to use the higher and more conservative rate. (The chart below tracks the Bond Buyer 11 Index for the 24-month period ending August 12, 2010; the average during that period was 4.41 %, and the rate at the end of the period was 3.80 %.) The interest rate used to model the 30-year debt is 4.85%, 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. The principal on the federal grant anticipation notes issued to finance a portion of the Bridge Program is assumed to be payable in the aggregate amount of \$150 million each year in fiscal years 2015 through 2022.
- Unused Bond Cap. This analysis assumes that there will be no unused bond cap in fiscal year 2011 or any future fiscal year that will be carried forward and available for spending in a subsequent year.

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

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



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 Bridge Program.

Table 7  
Capital Spending  
Fiscal Years 2010-2015  
(\$000s)

Fiscal Year	Bond Cap	Bridge Program
2010	1,650,000	206,872
2011	1,625,000	293,739
2012	1,750,000	492,964
2013	1,875,000	604,857
2014	2,000,000	564,732
2015	2,125,000	425,413

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

<sup>15</sup> 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, assessments and budgetary savings, respectively. Table 8 also excludes an equal amount from Budgeted Revenue. (See Table 6.)



**Commonwealth of Massachusetts**  
**Debt Affordability Analysis – FY2011-2015**

**Table 8**  
**Projected Annual Debt Service as a Percentage of Budgeted Revenues**  
**Fiscal Years 2010-2015**  
(\$000s)

Fiscal Year	Debt Service				Budgeted Revenue Growth 2.75% per year after FY11	
	Total Existing Obligations	Cumulative New Debt Service from Annual Bond Cap Less Self Supporting Projects	Cumulative New Debt Service from Bridge Program	Total Annual Debt Service	Less Self Supporting Projects	Total Annual Debt Service as % of Revenues
2010	2,125,808	-1,648	0	2,124,160	29,123,752	7.29%
2011	1,901,609	31,792	14,211	1,947,612	29,989,511	6.49%
2012	2,079,707	142,525	56,707	2,278,939	30,804,986	7.40%
2013	2,083,408	261,930	95,715	2,441,053	31,642,776	7.71%
2014	1,996,052	390,221	131,619	2,517,892	32,503,722	7.75%
2015	1,935,806	527,769	159,586	2,623,161	33,388,838	7.86%

The annual bond cap amounts reflected in the table above are less than had been previously projected in FY08-12 and the FY09-13 Plans published by the Patrick-Murray Administration. The reduction in the annual bond caps is a function of the Administration's disciplined approach to debt management through its formal debt affordability analysis and policy. The debt affordability analysis and policy ensure that planned borrowing to fund capital investments is periodically adjusted to take into account the Commonwealth's fiscal condition and capacity to pay debt. The following table shows the reductions in the annual bond caps from the Administration's original five-year capital spending plan resulting from the application of the Administration's debt affordability analysis and policy.

**Table 9**  
**Bond Cap Compared with Prior Capital Investment Plans**  
(\$000s)

Fiscal Year	FY08-12 Plan	FY11-15 Plan	Difference Between FY11 and FY08 Plans
2008	1,661,000	1,319,600	-341,400
2009	1,625,000	1,521,000	-104,000
2010	1,750,000	1,650,000	-100,000
2011	1,875,000	1,625,000	-250,000
2012	2,000,000	1,750,000	-250,000
2013	2,000,000	1,875,000	-125,000
2014	2,000,000	2,000,000	0
2015	2,000,000	2,125,000	125,000
			-1,045,400

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 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.

**FY2011 General Appropriations Act**

**Debt Service and Contract Assistance Payment Line Items**

<b>Account</b>	<b>Description</b>
0699-0015	Consolidated Long Term Debt Service
0699-0016	Accelerated Structurally Deficient Bridge Program Debt Service
0699-2004	CA/T Debt Service
0699-9101	Federal Grant Anticipation Notes
1599-0093	Water Pollution Abatement Trust
1599-1970	Massachusetts Turnpike Authority Contract Assistance
1599-0050	Route 3 North Contract Assistance
8910-0000	Plymouth County Correctional Facilities (included in County Sheriffs' joint line item)
1102-3224	Saltonstall Building Lease
1599-1977	MassDevelopment Infrastructure Development Contract Assistance



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2011-2015

Appendix B

### Bond Bills

<b>Immediate Needs</b>	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.
<b>Transportation</b>	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.
<b>Housing</b>	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.
<b>Life Sciences</b>	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.
<b>Broadband</b>	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 un-served and underserved communities to broadband services.
<b>Bridges</b>	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.
<b>Higher Education</b>	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.
<b>General Government</b>	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.
<b>Energy &amp; Environment</b>	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.
<b>Economic Development</b>	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.



Appendix C - FY11 Capital Investment Plan

Commonwealth of Massachusetts

						2011				
						Approved				
						1,765,000,000	733,394,061	381,502,151	293,738,587	249,659,339
Cap Agy	Dept	Project Name	Description in Appendix D	Location	ANF Spending Category Name	Bond-Cap	Federal	ARRA - Federal Stimulus	Accelerated Bridge Program	Other (Third-Party, Project-Financed Bonds, Clean Energy)
DCAM	ANF	Essex North Shore Agricultural and Technical School	Page 1	Essex County Reg. School District	Community Investment Program	500,000	-	-	-	-
DHCD	OCD	Community Development Block Grant	Page 1	Statewide	Community Investment Program	-	36,000,000	7,575,000	-	-
DHCD	OCD	Urban Revitalization Development Grant Program (URDG)	Page 1	Statewide	Community Investment Program	3,696,306	-	-	-	-
EOAF	ANF	Peabody Flood Control Project	Page 1	Peabody	Community Investment Program	76,992	-	-	-	-
EOAF	ANF	Zoo New England Capital Costs	Page 1	Boston	Community Investment Program	2,000,000	-	-	-	-
EOAF	ART	Cultural Facilities Fund	Page 1	Statewide	Community Investment Program	7,000,000	-	-	-	-
EOAF	BLC	Board of Library Commissioners - Library Construction Grants	Page 2	Statewide	Community Investment Program	9,000,000	-	-	-	-
EOAF	MUN	Barnstable Bulkhead Reconstruction	Page 2	Barnstable	Community Investment Program	2,400,000	-	-	-	-
EOAF	MUN	Beverly Waterfront Infrastructure Improvements	Page 2	Beverly	Community Investment Program	1,400,000	-	-	-	-
EOAF	MUN	Hamilton Community Center Restoration	Page 2	Newton	Community Investment Program	500,000	-	-	-	-
EOAF	MUN	Haverhill Stadium Improvements	Page 2	Haverhill	Community Investment Program	1,350,000	-	-	-	-
EOAF	MUN	New Salem Academy Historic Renovation	Page 2	New Salem	Community Investment Program	173,000	-	-	-	177,480
EOAF	MUN	Thompson Street Historic Renovation	Page 2	New Bedford	Community Investment Program	500,000	-	-	-	-
EOAF	SEA	Seaport Council	Page 2	Statewide	Community Investment Program	8,100,000	-	-	-	-
EOAF	SEC	Historic Preservation Grants	Page 2	Statewide	Community Investment Program	1,550,000	-	-	-	-
EOAF	TRE	Water Pollution Abatement Trust - Title V Community Septic Loan Program	Page 2	Statewide	Community Investment Program	1,500,000	-	-	-	-
EOAF	TRE	Water Pollution Abatement Trust -- State Match	Page 3	Statewide	Community Investment Program	8,896,000	-	-	-	10,000,000
EOEA	AGR	Boston Public Market	Page 3	Boston	Community Investment Program	1,000,000	1,000,000	-	-	-
EOEA	AGR	Three County Fairgrounds Improvements	Page 3	Northampton	Community Investment Program	2,000,000	-	-	-	-
EOEA	DCR	Muddy River Flood Control and Historic Preservation Project	Page 3	Brookline	Community Investment Program	7,168,229	-	-	-	-
EOEA	DCR	Public Private Partnerships Program	Page 3	Statewide	Community Investment Program	1,350,000	-	-	-	-
EOEA	ENE	Energy Efficiency & Conservation Block Grants	Page 3	Statewide	Community Investment Program	-	-	9,483,535	-	-
EOEA	ENV	Coastal Pollutant Remediation (CPR) Grants	Page 3-4	Statewide	Community Investment Program	360,000	-	-	-	-
EOEA	ENV	Cohasset Outfall Channel Wall Repair	Page 4	Cohasset	Community Investment Program	450,000	-	-	-	-
EOEA	ENV	LAND	Page 4	Statewide	Community Investment Program	4,653,848	-	-	-	-
EOEA	ENV	PARC (formerly Urban Self Help)	Page 4	Statewide	Community Investment Program	6,717,484	-	-	-	-
EOEA	ENV	Park Improvements along the Mystic River	Page 4	Medford	Community Investment Program	250,000	-	-	-	-
EOEA	ENV	Urban Signature Parks	Page 4	Statewide	Community Investment Program	6,232,023	-	-	-	-
EOEA	EQE	Municipal Drinking Water Protection	Page 4	Statewide	Community Investment Program	700,000	-	-	-	-
EOEA	FWE	New Bedford Board Ramp Repair	Page 5	New Bedford	Community Investment Program	600,000	-	-	-	-
EOPS	EPS	Municipal Public Safety Grants	Page 5	Statewide	Community Investment Program	100,000	-	-	-	-
EOTC	DOT	Chapter 90 - Municipal Roads and Bridges	Page 5	Statewide	Community Investment Program	155,000,000	-	-	-	-
DCAM	DOC	DOC / Sheriffs - Medical & Mental Health Facility	Page 6	Statewide	Corrections	427,500	-	-	-	-
DCAM	DOC	Hayes Report Recommendations - Retrofits for Suicide Prevention	Page 6	Statewide	Corrections	2,000,000	-	-	-	-
DCAM	DOC	Master Plan for MCI Framingham	Page 6	Framingham	Corrections	250,000	-	-	-	-
DCAM	DOC	Multi-jurisdictional Correctional Facility	Page 6	Statewide	Corrections	427,500	-	-	-	-
DCAM	DOC	Waste Water Package Treatment Plant - MCI Norfolk	Page 6	Norfolk	Corrections	3,600,000	-	-	-	-
DCAM	DOC	Waste Water Package Treatment Plant - MCI Plymouth	Page 6	Plymouth	Corrections	100,000	-	-	-	-

Appendix C - FY11 Capital Investment Plan

Commonwealth of Massachusetts

						2011				
						Approved				
						1,765,000,000	733,394,061	381,502,151	293,738,587	249,659,339
Cap Agy	Dept	Project Name	Description in Appendix D	Location	ANF Spending Category Name	Bond-Cap	Federal	ARRA - Federal Stimulus	Accelerated Bridge Program	Other (Third-Party, Project- Financed Bonds, Clean Energy)
DCAM	HSD	Hampshire Sheriff Department - Pre-Release / Re-Entry Center - Expansion	Page 6	Northampton	Corrections	332,500	-	-	-	-
DCAM	SDE	Essex Sheriff's Department - Pre-Release Facility / Intake Center	Page 6	Essex County	Corrections	712,500	-	-	-	-
DCAM	SDE	Essex Sheriff's Department - Central Control Locking System Replacement	Page 6	Middleton	Corrections	1,800,000	-	-	-	-
DCAM	SDH	Hamden Sheriff's Department - Western MA Regional Women's Correctional Center Expansion	Page 7	Chicopee	Corrections	1,140,000	-	-	-	-
DCAM	SDS	Suffolk Sheriff's Department - Eastern MA Women's Correctional Facility - Renovation	Page 7	Boston	Corrections	350,000	-	-	-	-
DCAM	SDS	Suffolk Sheriff's Department - Glazing and Sealant Repairs	Page 7	Boston	Corrections	1,805,000	-	-	-	-
DCAM	SDS	Suffolk Sheriff's Department - Roof Reconstruction	Page 7	Boston	Corrections	1,940,000	-	-	-	-
DCAM	SDW	Worcester Sheriff's Department - Strategic and Facility Plan Study	Page 7	West Boylston	Corrections	80,750	-	-	-	-
DCAM	SDW	Worcester Sheriff's Department - Emergency Repairs	Page 7	West Boylston	Corrections	1,520,000	-	-	-	-
EOPS	DOC	Dept. of Corrections Equipment	Page 7	Statewide	Corrections	750,000	-	-	-	-
DCAM	TRC	Access Improvements and Roof Replacements, Pittsfield Superior Court	Page 8	Pittsfield	Courts	1,164,000	-	-	-	-
DCAM	TRC	Cambridge Sullivan Courthouse project - Temporary Relocation Costs	Page 8	Middlesex County	Courts	12,820,542	-	-	-	-
DCAM	TRC	Greenfield Trial Court Renovation	Page 8	Greenfield	Courts	1,710,000	-	-	-	-
DCAM	TRC	Lowell Superior Court Access Improvements	Page 8	Lowell	Courts	1,000,000	-	-	-	-
DCAM	TRC	New Fall River Trial Court	Page 8	Fall River	Courts	4,000,000	-	-	-	-
DCAM	TRC	New Lowell Trial Court	Page 8	Lowell	Courts	1,425,000	-	-	-	-
DCAM	TRC	New Lowell Trial Court - Site Acquisition and Preparation	Page 8	Lowell	Courts	1,440,000	-	-	-	-
DCAM	TRC	New Taunton Trial Court	Page 8	Taunton	Courts	25,000,000	-	-	-	-
DCAM	TRC	Northampton Court Master Plan	Page 8	Northampton	Courts	228,000	-	-	-	-
DCAM	TRC	Salem/J.M. Ruane Judicial Center	Page 8	Salem	Courts	26,600,000	-	-	-	-
DCAM	TRC	Various Construction Contract Settlements	Page 8	Statewide	Courts	50,000	-	-	-	-
DCAM	ANF	Clean Energy Investment Program	Page 9	Statewide	Energy and Environment	-	-	-	-	55,000,000
DCAM	ENV	Wall Experiment Station	Page 9	Lawrence	Energy and Environment	5,200,000	-	-	-	-
EOEA	AGR	Agricultural Environmental Enhancement Program (AEEP)	Page 9	Statewide	Energy and Environment	225,000	-	-	-	-
EOEA	AGR	Agricultural Preservation Restriction (APR)	Page 9	Statewide	Energy and Environment	8,500,000	-	-	-	-
EOEA	AGR	Agricultural Project Operations	Page 9	Statewide	Energy and Environment	350,000	-	-	-	-
EOEA	AGR	Farm Viability Enhancement Program (FVEP)	Page 9	Statewide	Energy and Environment	900,000	-	-	-	-
EOEA	DCR	Campground Modernization Program	Page 9	Statewide	Energy and Environment	200,000	-	-	-	-
EOEA	DCR	Canton Airport Site Remediation	Page 9	Canton	Energy and Environment	4,000,000	-	-	-	-
EOEA	DCR	Comfort Station Rehabilitation	Page 9-10	Statewide	Energy and Environment	1,000,000	-	-	-	-
EOEA	DCR	Community Boating Dock Replacement	Page 10	Boston	Energy and Environment	2,500,000	-	-	-	500,000
EOEA	DCR	Connors Pool Renovation	Page 10	Waltham	Energy and Environment	6,000,000	-	-	-	-
EOEA	DCR	Dam Maintenance and Operation / PL 566 Flood Control	Page 10	Statewide	Energy and Environment	600,000	-	-	-	-
EOEA	DCR	Dam Rehabilitation Program	Page 10	Statewide	Energy and Environment	2,000,000	-	-	-	-
EOEA	DCR	Dam Safety and Inspection Program	Page 10	Statewide	Energy and Environment	380,000	-	-	-	-
EOEA	DCR	DCR Equipment	Page 10	Statewide	Energy and Environment	1,000,000	-	-	-	-
EOEA	DCR	DCR Land Protection	Page 10	Statewide	Energy and Environment	7,000,000	-	-	-	-
EOEA	DCR	DCR Project Operations	Page 10	Statewide	Energy and Environment	13,500,000	-	-	-	-

Appendix C - FY11 Capital Investment Plan

Commonwealth of Massachusetts

						2011				
						Approved				
						1,765,000,000	733,394,061	381,502,151	293,738,587	249,659,339
Cap Agy	Dept	Project Name	Description in Appendix D	Location	ANF Spending Category Name	Bond-Cap	Federal	ARRA - Federal Stimulus	Accelerated Bridge Program	Other (Third-Party, Project- Financed Bonds, Clean Energy)
EOEA	DCR	Deferred Maintenance & Small Repairs DCR	Page 10	Statewide	Energy and Environment	4,600,000	-	-	-	-
EOEA	DCR	Environmental Remediation (Clean State)	Page 10	Statewide	Energy and Environment	2,400,000	-	-	-	-
EOEA	DCR	Flood Control Annual Maintenance	Page 11	Greater Boston	Energy and Environment	1,000,000	-	-	-	-
EOEA	DCR	Georges Island Pier	Page 11	Boston	Energy and Environment	1,600,000	-	-	-	-
EOEA	DCR	Greylock Glen -Outdoor Recreation and Environmental Education Center	Page 11	North Adams	Energy and Environment	400,000	-	-	-	-
EOEA	DCR	Landscape Improvements	Page 11	Statewide	Energy and Environment	600,000	-	-	-	-
EOEA	DCR	Melnea Cass Rink Renovation	Page 11	Boston	Energy and Environment	2,000,000	-	-	-	-
EOEA	DCR	Nantasket Beach Seawall/Beach Renourishment Flood Control Project	Page 11	Hull	Energy and Environment	45,000	-	-	-	-
EOEA	DCR	Playground Improvements	Page 11	Statewide	Energy and Environment	500,000	-	-	-	-
EOEA	DCR	Pool Maintenance, Rehabilitation and Improvements	Page 11	Statewide	Energy and Environment	1,200,000	-	-	-	-
EOEA	DCR	Rink Maintenance, Rehabilitation and Improvements	Page 11	Statewide	Energy and Environment	1,000,000	-	-	-	-
EOEA	DCR	Short Beach Infrastructure Improvements	Page 11-12	Winthrop	Energy and Environment	2,200,000	-	-	-	-
EOEA	DCR	Storm Water Services	Page 12	Statewide	Energy and Environment	3,500,000	-	-	-	-
EOEA	DCR	Tennis & Basketball Court Rehabilitation	Page 12	Statewide	Energy and Environment	300,000	-	-	-	-
EOEA	DCR	Upper Mystic Lake Dam	Page 12	Arlington	Energy and Environment	2,045,000	-	-	-	-
EOEA	DCR	US Geological Survey Cooperative Programs	Page 12	Statewide	Energy and Environment	690,000	-	-	-	-
EOEA	DCR	Waterways Division Program	Page 12	Statewide	Energy and Environment	1,650,000	-	-	-	-
EOEA	DCR	Winthrop Shores Restoration - Design and Construction	Page 12	Winthrop	Energy and Environment	570,000	-	-	-	-
EOEA	DCR	Working Forest Preservation Restriction	Page 12	Statewide	Energy and Environment	700,000	-	-	-	-
EOEA	ENE	State Energy Program - Transformation Grants	Page 13	Statewide	Energy and Environment	-	-	43,822,863	-	-
EOEA	ENV	Coastal Resource Protection Program Support	Page 13	Statewide	Energy and Environment	450,000	-	-	-	-
EOEA	ENV	Conservation Partnership	Page 13	Statewide	Energy and Environment	996,645	-	-	-	-
EOEA	ENV	Diesel Emissions Reductions Program	Page 13	Statewide	Energy and Environment	-	-	324,988	-	-
EOEA	ENV	Diesel Emissions Reductions Program	Page 13	Statewide	Energy and Environment	-	-	1,561,246	-	-
EOEA	ENV	ENV Program	Page 13	Statewide	Energy and Environment	821,000	-	-	-	-
EOEA	ENV	FEMA Port Security Program -- New Bedford State Pier	Page 13	New Bedford	Energy and Environment	-	-	203,030	-	-
EOEA	ENV	FEMA Port Security Program -- Regional Response Readiness	Page 13	Statewide	Energy and Environment	-	-	484,196	-	-
EOEA	ENV	Leaking Underground Storage Tank Trust Fund Program	Page 14	Statewide	Energy and Environment	-	-	2,304,317	-	-
EOEA	ENV	Ludlow Mills Remediation	Page 14	Ludlow	Energy and Environment	400,000	-	-	-	-
EOEA	EQE	Ambient Air Monitoring	Page 14	Statewide	Energy and Environment	736,000	-	-	-	-
EOEA	EQE	Baird and McGuire Groundwater Treatment System	Page 14	Holbrook	Energy and Environment	1,400,000	-	-	-	-
EOEA	EQE	Emergency Response Risk Reduction & Remediation	Page 14	Statewide	Energy and Environment	1,000,000	-	-	-	-
EOEA	EQE	Enforcement Support and Brownfields	Page 14	Statewide	Energy and Environment	3,220,000	-	-	-	-
EOEA	EQE	EPA 10% Match on Superfund Clean Up Sites	Page 14-15	Statewide	Energy and Environment	3,000,000	-	-	-	-
EOEA	EQE	Existing Water Quality Preservation	Page 15	Statewide	Energy and Environment	-	-	-	-	294,000
EOEA	EQE	Infrastructure & GIS Program	Page 15	Statewide	Energy and Environment	2,000,000	-	-	-	-
EOEA	EQE	Solid Waste Management and Recycling Technical Assistance and Regulatory Development Program	Page 15	Statewide	Energy and Environment	1,564,000	-	-	-	-
EOEA	EQE	Wetlands Change/Protection Project	Page 15	Statewide	Energy and Environment	200,000	-	-	-	-

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EOEA	FWE	Bird Island Coastal Habitat Restoration	Page 15	Marion	Energy and Environment	100,000	-	-	-	541,000
EOEA	FWE	Boat Ramp Construction/Maintenance	Page 15	Statewide	Energy and Environment	682,500	-	-	-	-
EOEA	FWE	Department of Fish and Game - Land Protection	Page 16	Statewide	Energy and Environment	9,500,000	-	-	-	-
EOEA	FWE	Land and Habitat Programs	Page 16	Statewide	Energy and Environment	2,000,000	-	-	-	-
EOEA	FWE	Marine Fisheries Institute/Facility Repair	Page 16	Statewide	Energy and Environment	227,500	-	-	-	-
EOEA	FWE	River Revitalization & Riverine Habitat Restoration	Page 16	Statewide	Energy and Environment	1,000,000	-	-	-	-
EOAF	ANF	"I-cubed" Economic Development Projects	Page 17	Statewide	Economic Development	-	-	-	-	60,000,000
EOAF	ANF	Capital Improvements at Devens	Page 17	Devens	Economic Development	2,000,000	-	-	-	-
EOAF	ANF	Life Sciences Capital Program	Page 17	Statewide	Economic Development	34,000,000	-	-	-	-
EOAF	ANF	Massachusetts Growth Capital Corporation	Page 17	Statewide	Economic Development	5,000,000	-	-	-	15,000,000
EOAF	EED	Broadband Initiative	Page 17	Statewide	Economic Development	9,617,864	-	10,463,813	-	-
EOAF	MUN	MassWorks - Infrastructure Grant Awards	Page 17	Statewide	Economic Development	67,710,000	-	-	-	-
DCAM	DMR	DDS Fernald - Closure / Disposition	Page 18	Waltham	Health and Human Services	3,104,000	-	-	-	-
DCAM	DMR	DDS Templeton - Campus Closure Plan	Page 18	Templeton	Health and Human Services	47,500	-	-	-	-
DCAM	DMR	DDS Wrentham - Heffron A / B - Various - Upgrade	Page 18	Wrentham	Health and Human Services	600,000	-	-	-	-
DCAM	DPH	DPH Tewksbury State Hospital - Demolition of Multiple Buildings	Page 18	Tewksbury	Health and Human Services	456,000	-	-	-	-
DCAM	DYS	DYS Connelly Improvements	Page 18	Boston	Health and Human Services	1,000,000	-	-	-	-
DCAM	DYS	Structural/HVAC/Sprinkler Improvements at DYS in Springfield, MA	Page 18	Springfield	Health and Human Services	8,500,000	-	-	-	-
DCAM	EHS	Chelsea Soldiers Home Water Tank Repair	Page 18	Chelsea	Health and Human Services	800,000	-	-	-	-
DCAM	EHS	Demolition at Taunton State Hospital	Page 18	Taunton	Health and Human Services	1,000,000	-	-	-	-
DCAM	EHS	DMH Westborough - Multiple Buildings - Boilers	Page 18	Westborough	Health and Human Services	2,813,000	-	-	-	-
DCAM	EHS	EOHHS - Campus Consolidation/Closures - Miscellaneous	Page 18	Statewide	Health and Human Services	142,500	-	-	-	-
DCAM	EHS	Executive Office of Health and Human Services - Capital Programmatic Needs	Page 18	Statewide	Health and Human Services	600,000	-	-	-	-
DCAM	EHS	Executive Office of Health and Human Services Master Plan	Page 19	Statewide	Health and Human Services	1,045,000	-	-	-	-
DCAM	EHS	Hogan Boiler Replacement	Page 19	Danvers	Health and Human Services	1,358,000	-	-	-	-
DCAM	EHS	Medfield State Hospital	Page 19	Medfield	Health and Human Services	1,700,000	-	-	-	-
DCAM	EHS	New Psychiatric Care Facility	Page 19	Worcester	Health and Human Services	72,000,000	-	-	-	-
DCAM	EHS	Roof & Building Envelope Repairs, Mass Hospital School	Page 19	Canton	Health and Human Services	3,104,000	-	-	-	-
DCAM	EHS	Various Construction Contract Settlements	Page 19	Statewide	Health and Human Services	50,000	-	-	-	-
DCAM	EHS	Western MA Hospital, Main Building - Oxygen/Suction, HVAC, Etc	Page 19	Westfield	Health and Human Services	1,000,000	-	-	-	-
DCAM	VET	CHE - Life Safety - Upgrade	Page 19	Chelsea	Health and Human Services	570,000	-	-	-	-
DCAM	RGT	Berkshire Community College - Exterior Masonry Repairs	Page 20	Pittsfield	Higher Education	2,716,000	-	-	-	-
DCAM	RGT	Bridgewater State University - Conant Science Building Modernization & Expansion	Page 20	Bridgewater	Higher Education	33,500,000	-	-	-	-
DCAM	RGT	Bristol Community College - Fall River Tech Building	Page 20	Fall River	Higher Education	100,000	-	-	-	-
DCAM	RGT	Bunker Hill Community College - Health and Wellness Center	Page 20	Boston	Higher Education	200,000	-	-	-	-
DCAM	RGT	Fitchburg State University - Science Facility Modernization	Page 20	Fitchburg	Higher Education	4,365,000	-	-	-	-
DCAM	RGT	Greenfield Community College - Campus Core Modernization	Page 20	Greenfield	Higher Education	14,558,200	-	-	-	-
DCAM	RGT	Greenfield Community College - Handicapped Accessibility in North & South Wings	Page 20	Greenfield	Higher Education	400,000	-	-	-	-

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DCAM	RGT	Holyoke Community College - Interior Building Renovations	Page 20	Holyoke	Higher Education	1,940,000	-	-	-	-
DCAM	RGT	MA College of Liberal Arts - New Center for Science & Innovation/Bowman Hall	Page 20	North Adams	Higher Education	2,375,000	-	-	-	-
DCAM	RGT	Massachusetts College of Art - Center for Design Innovation	Page 20	Boston	Higher Education	600,000	-	-	-	-
DCAM	RGT	Massachusetts Maritime Academy - Library Modernization	Page 20	Bourne	Higher Education	11,500,000	-	-	-	-
DCAM	RGT	Massasoitt Community College - Roof and HVAC repairs	Page 20	Brockton	Higher Education	1,235,000	-	-	-	-
DCAM	RGT	Middlesex Community College - New Academic Arts Center Study	Page 21	Lowell	Higher Education	-	250,000	-	-	-
DCAM	RGT	North Shore CC - Study for the Expansion of the College in Lynn	Page 21	Lynn	Higher Education	-	-	-	-	300,000
DCAM	RGT	North Shore Community College - New Allied Health & Science Building	Page 21	Danvers	Higher Education	15,500,000	-	-	-	-
DCAM	RGT	Northern Essex Community College - New Lawrence Campus	Page 21	Lawrence	Higher Education	3,680,000	-	-	-	-
DCAM	RGT	Quinsigamond Community College - New Academic Building	Page 21	Worcester	Higher Education	75,000	-	-	-	-
DCAM	RGT	Quinsigamond Community College - North Wing Interim Improvements	Page 21	Worcester	Higher Education	-	-	-	-	800,000
DCAM	RGT	Salem State University - Library Building Modernization	Page 21	Salem	Higher Education	8,245,000	-	-	-	-
DCAM	RGT	Springfield Technical Community College - Building 19 - Structure - Repair - Phase I	Page 21	Springfield	Higher Education	2,522,000	-	-	-	-
DCAM	RGT	Various Construction Contract Settlements	Page 21	Statewide	Higher Education	200,000	-	-	-	-
DCAM	UMS	UMass Amherst - New Academic Classroom Building	Page 21	Amherst	Higher Education	3,700,000	-	-	-	-
DCAM	UMS	UMass Amherst - New Laboratory Science Building	Page 21	Amherst	Higher Education	-	-	-	-	18,000,000
DCAM	UMS	UMass Amherst - Web Dubois Library Improvements	Page 21	Amherst	Higher Education	800,000	-	-	-	-
DCAM	UMS	UMass Boston - Integrated Science Complex	Page 22	Boston	Higher Education	-	-	-	-	18,000,000
DCAM	UMS	UMass Boston - Substructure Stabilization and Alternate Parking Improvements	Page 22	Boston	Higher Education	8,000,000	-	-	-	-
DCAM	UMS	UMass Dartmouth - Library Renovations & Infrastructure Repairs	Page 22	Dartmouth	Higher Education	8,924,000	-	-	-	-
DCAM	UMS	UMass Lowell - Emerging Technology & Innovation Center	Page 22	Lowell	Higher Education	-	-	-	-	20,000,000
DCAM	UMS	UMass Lowell - New South Academic Building	Page 22	Lowell	Higher Education	2,910,000	-	-	-	-
DCAM	UMS	UMass Medical - Institute of Labs Life Safety Improvements	Page 22	Boston	Higher Education	6,000,000	-	-	-	-
DCAM	UMS	Various Construction Contract Settlements	Page 22	Statewide	Higher Education	50,000	-	-	-	-
DHCD	OCD	Affordable Housing Trust Fund	Page 23	Statewide	Housing	35,000,000	-	-	-	-
DHCD	OCD	Capital Improvement and Preservation Fund	Page 23	Statewide	Housing	5,000,000	-	-	-	-
DHCD	OCD	Community Based Housing	Page 23	Statewide	Housing	5,000,000	-	-	-	-
DHCD	OCD	Facilities Consolidation Fund	Page 23	Statewide	Housing	7,500,000	-	-	-	-
DHCD	OCD	Housing at Transit Nodes	Page 23	Statewide	Housing	1,000,000	-	-	-	-
DHCD	OCD	Housing Innovations Fund	Page 24	Statewide	Housing	6,000,000	-	-	-	-
DHCD	OCD	Housing Stabilization Fund	Page 24	Statewide	Housing	13,000,000	-	-	-	-
DHCD	OCD	Mass. Rehab's Home Modification Loan Program	Page 24	Statewide	Housing	4,000,000	-	-	-	-
DHCD	OCD	Neighborhood Stabilization Program - HERA	Page 24	Statewide	Housing	-	14,000,000	-	-	-
DHCD	OCD	Public Housing - Affordable Housing Trust Fund	Page 24	Statewide	Housing	5,000,000	-	-	-	-
DHCD	OCD	Public Housing - General	Page 24	Statewide	Housing	85,000,000	-	-	-	-
DHCD	OCD	Tax Credit Assistance Program	Page 24	Statewide	Housing	-	-	27,637,340	-	-
DHCD	OCD	Tax Credit Exchange	Page 24	Statewide	Housing	-	-	52,861,844	-	-
DHCD	OCD	Weatherization Assistance Program	Page 25	Statewide	Housing	-	-	60,000,000	-	-

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Cap Agy	Dept	Project Name	Description in Appendix D	Location	ANF Spending Category Name	Bond-Cap	Federal	ARRA - Federal Stimulus	Accelerated Bridge Program	Other (Third-Party, Project- Financed Bonds, Clean Energy)
EOTC	OCD	DHCD - Transit Oriented Development Housing	Page 25	Statewide	Housing	1,500,000	-	-	-	-
EOAF	ITD	HR Modernization Systems & Technology	Page 26	Statewide	Information Technology	8,000,000	-	-	-	-
	AGO	Attorney General's Office Business Improvement	Page 26	Statewide	Information Technology	1,125,000	-	-	-	-
	ANF	Administration & Finance Budgeting System	Page 26	Statewide	Information Technology	3,845,136	-	-	-	-
	DOE	Grants Information System	Page 26	Statewide	Information Technology	1,000,000	-	-	-	-
	DOE	Student Education Connection program	Page 26	Statewide	Information Technology	1,116,000	-	-	-	-
	DOR	E- Health Records Planning	Page 26	Statewide	Information Technology	-	-	3,600,000	-	-
	DOR	MassTax System	Page 26	Statewide	Information Technology	20,000,000	-	-	-	-
	DOT	Automated Licensing and Registration System	Page 27	Statewide	Information Technology	10,000,000	-	-	-	-
	DYS	Juvenile Justice System	Page 27	Statewide	Information Technology	928,852	-	-	-	-
	EEC	Comprehensive Child Data System	Page 27	Statewide	Information Technology	3,089,297	-	-	-	-
	EHS	Next Generation Communications for HHS (VOIP)	Page 27	Statewide	Information Technology	2,697,583	-	-	-	-
	EHS	Vitals Information Processing (VIP)	Page 27	Statewide	Information Technology	1,333,848	-	-	-	-
	EOL	DUA QUEST Project	Page 27	Statewide	Information Technology	8,017,200	-	-	-	-
	EPS	Massachusetts Public Safety Network (MASSNet)	Page 27	Statewide	Information Technology	9,530,000	-	-	-	-
	GIC	MAGIC Modernization	Page 27	Statewide	Information Technology	1,114,880	-	-	-	-
	HRD	Human Resources Compensation Management System (HRCMS) 9.0 Upgrade	Page 27	Statewide	Information Technology	67,680	-	-	-	-
	ITD	Department of Revenue - DTax Technology Enhancements	Page 28	Statewide	Information Technology	2,000,000	-	-	-	-
	ITD	Enterprise Service Desk	Page 28	Statewide	Information Technology	175,000	-	-	-	-
	ITD	IT Capital Program Management Office	Page 28	Statewide	Information Technology	1,098,491	-	-	-	-
	ITD	IT Consolidation	Page 28	Statewide	Information Technology	500,000	-	-	-	-
	ITD	ITD Infrastructure Enhancement	Page 28	Statewide	Information Technology	8,000,000	-	-	-	-
	ITD	Mass.Gov 2.0	Page 28	Statewide	Information Technology	1,426,000	-	-	-	-
	ITD	Massachusetts Inter-Agency Network	Page 28	Statewide	Information Technology	2,500,000	-	-	-	-
	ITD	MassGIS Infrastructure Hosting @ MITC	Page 28	Statewide	Information Technology	1,400,000	-	-	-	-
	ITD	Maximizing Massmail Efficiencies	Page 28	Statewide	Information Technology	3,904,000	-	-	-	-
	ITD	Shared Application Infrastructure	Page 28	Statewide	Information Technology	1,530,000	-	-	-	-
	OCD	All Service Integrated System Tracker (ASIST)	Page 29	Statewide	Information Technology	450,000	-	-	-	-
	OSC	Cash, Investment Management to MMARS	Page 29	Statewide	Information Technology	545,825	-	-	-	-
	REG	eLicensing	Page 29	Statewide	Information Technology	400,000	-	-	-	-
	TRC	MassCourts	Page 29	Statewide	Information Technology	1,399,150	-	-	-	-
DCAM	CME	Replacement Facilities For Chief Medical Examiner	Page 30	Statewide	Public Safety	95,000	-	-	-	-
DCAM	DFS	Massachusetts Firefighting Academy - Phase II Expansion	Page 30	Stow	Public Safety	-	-	-	-	6,000,000
DCAM	DFS	Western MA Fire Training Facility	Page 30	Springfield	Public Safety	-	-	-	-	1,500,000
DCAM	EPS	Building Security Improvements - Department of Public Safety, Statewide	Page 30	Statewide	Public Safety	700,000	-	-	-	-
DCAM	EPS	Improvements for State Police Master plan	Page 30	Statewide	Public Safety	475,000	-	-	-	-
DCAM	EPS	Methuen National Guard Readiness Center	Page 30	Methuen	Public Safety	-	800,000	-	-	-
DCAM	EPS	State Police Master Plan	Page 30	Statewide	Public Safety	152,000	-	-	-	-

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DCAM	EPS	Various Construction Contract Settlements	Page 30	Statewide	Public Safety	400,000	-	-	-	-
DCAM	MIL	National Guard Readiness Center - New Facility	Page 30	Natick	Public Safety	300,000	-	-	-	-
DCAM	SDE	Essex County Regional Emergency Communication Center	Page 30	Middleton	Public Safety	-	-	-	-	500,000
DCAM	SDP	Plymouth County Regional Emergency Communication Center Study	Page 31	Plymouth	Public Safety	-	-	-	-	100,000
EOPS	EPS	Cruiser replacement	Page 31	Statewide	Public Safety	5,000,000	-	-	-	-
EOPS	EPS	Mobile data terminal replacement	Page 31	Statewide	Public Safety	1,500,000	-	-	-	-
ITD	EPS	State Police 800 Mhz Radio Project	Page 31	Western Massachusetts	Public Safety	9,896,492	-	-	-	5,900,000
DCAM	ANF	Rooftop HVAC Unit Replacements at MA Information Technology Center	Page 32	Chelsea	State Office Buildings and Facilities	855,000	-	-	-	-
DCAM	BSB	Executive Office of Labor and Workforce Development renovations	Page 32	Brockton	State Office Buildings and Facilities	475,000	-	-	-	-
DCAM	BSB	Life Safety Improvements at Hurley Building	Page 32	Boston	State Office Buildings and Facilities	760,000	-	-	-	-
DCAM	DCP	DCAM Project Operations	Page 32	Statewide	State Office Buildings and Facilities	14,000,000	-	-	-	-
DCAM	DCP	Elevator Modernization - McCormack State Office Bldg	Page 32	Boston	State Office Buildings and Facilities	3,000,000	-	-	-	-
DCAM	DCP	Elevator Modernization - Transportation Office Bldg	Page 32	Boston	State Office Buildings and Facilities	970,000	-	-	-	-
DCAM	DCP	Energy Conservation Retrofits and Renewable Energy at State Facilities	Page 32	Statewide	State Office Buildings and Facilities	2,000,000	-	-	-	-
DCAM	DCP	Life Safety & Fire Alarm Improvements at State House	Page 32	Boston	State Office Buildings and Facilities	2,375,000	-	-	-	-
DCAM	DCP	Maintenance Transfers Total	Page 32	Statewide	State Office Buildings and Facilities	32,103,385	-	-	-	-
DCAM	DCP	Roof and Exterior Repairs - State House	Page 32	Boston	State Office Buildings and Facilities	9,000,000	-	-	-	-
DCAM	DCP	Rutland State Hospital - Roadway Construction	Page 32	Rutland	State Office Buildings and Facilities	950,000	-	-	-	-
DCAM	DCP	Various Construction Contract Settlements	Page 32	Statewide	State Office Buildings and Facilities	350,000	-	-	-	-
DCAM	DOT	Transportation Building Fire Alarm Restoration	Page 33	Boston	State Office Buildings and Facilities	2,000,000	-	-	-	-
DCAM	EOL	DWD Brockton - Envelope - Repair	Page 33	Brockton	State Office Buildings and Facilities	47,500	-	-	-	-
DCAM	ITD	Second Data Center	Page 33	Springfield	State Office Buildings and Facilities	33,183,347	-	-	-	-
EOAF	ANF	Reasonable Accommodation Capital Reserve Account	Page 33	Statewide	State Office Buildings and Facilities	150,000	-	-	-	-
EOEA	DCR	DCR Parkway Maintenance	Page 34	Statewide	Transportation	8,000,000	-	-	-	-
EOEA	DCR	DCR Parkway Reconstruction	Page 34	Statewide	Transportation	10,000,000	-	-	-	-
EOTC	DOT	Accelerated Bridge Program - MassDOT	Page 34	Statewide	Transportation	-	-	-	293,738,587	-
EOTC	DOT	ARRA - Federal Transit	Page 34	Statewide	Transportation	-	-	8,252,140	-	-
EOTC	DOT	ARRA - Highway Infrastructure Investments	Page 34	Statewide	Transportation	-	-	142,762,367	-	-
EOTC	DOT	Beverly Commuter Rail Station Parking Garage	Page 34	Beverly	Transportation	4,000,000	-	-	-	-
EOTC	DOT	Intermodal Transportation	Page 34	Statewide	Transportation	2,000,000	-	-	-	-
EOTC	DOT	MassDOT - Equipment and Facilities	Page 34	Statewide	Transportation	596,174	-	-	-	-
EOTC	DOT	MassDOT - Highway Division Project Operations	Page 34	Statewide	Transportation	144,887,270	58,972,295	-	-	-
EOTC	DOT	MassDOT - Highway Division Utility Agreements	Page 34	Statewide	Transportation	3,000,000	14,000,000	-	-	-
EOTC	DOT	MassDOT - Mass Transit Planning	Page 34	Statewide	Transportation	1,000,000	-	-	-	-
EOTC	DOT	MassDOT - Massachusetts Aeronautics Division	Page 34	Statewide	Transportation	16,721,010	-	-	-	37,046,859
EOTC	DOT	MassDOT - Office of Planning and Programming	Page 35	Statewide	Transportation	50,094,222	19,280,560	-	-	-
EOTC	DOT	Mobility Assistance Program	Page 35	Statewide	Transportation	1,500,000	-	-	-	-
EOTC	DOT	Rail Transportation	Page 35	Statewide	Transportation	1,500,000	-	-	-	-

						2011				
						Approved				
						1,765,000,000	733,394,061	381,502,151	293,738,587	249,659,339
Cap Agcy	Dept	Project Name	Description in Appendix D	Location	ANF Spending Category Name	Bond-Cap	Federal	ARRA - Federal Stimulus	Accelerated Bridge Program	Other (Third-Party, Project-Financed Bonds, Clean Energy)
EOTC	DOT	Regional Transit Authority Capital Assistance	Page 35	Statewide	Transportation	6,000,000	-	-	-	-
EOTC	DOT	Salem Commuter Rail Station Improvements	Page 35	Salem	Transportation	2,000,000	-	-	-	-
EOTC	DOT	SIP - Fairmount Commuter Rail Improvements	Page 35	Greater Boston	Transportation	39,713,569	-	-	-	-
EOTC	DOT	SIP - Green Line Subway Extension	Page 35	Greater Boston	Transportation	31,000,000	-	-	-	-
EOTC	DOT	SIP - Red-Blue Subway Line Connector Study	Page 35	Boston	Transportation	4,000,000	-	-	-	-
EOTC	DOT	Statewide Road and Bridge (NFA) Maintenance	Page 35	Statewide	Transportation	95,000,000	-	-	-	-
EOTC	DOT	Statewide Road and Bridge Program (NFA) Construction	Page 35	Statewide	Transportation	7,924,000	-	-	-	-
EOTC	DOT	Statewide Road and Bridge Program Federally Assisted Construction (FA) - Interstate	Page 35	Statewide	Transportation	12,683,302	96,677,547	-	-	-
EOTC	DOT	Statewide Road and Bridge Program Federally Assisted Construction (FA) - Non Interstate	Page 35-36	Statewide	Transportation	136,385,904	492,413,659	-	-	-
EOTC	DOT	Water Transportation	Page 36	Statewide	Transportation	900,000	-	-	-	-
EOTC	DPW	South Coast Rail	Page 36	Southeastern Mass	Transportation	10,300,000	-	10,165,472	-	-





# Commonwealth of Massachusetts

## FY 2011 Capital Budget

### Appendix D - Project and Program Descriptions

#### Executive Office for Administration & Finance

#### October 2010

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#### Community Investment Program

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*Projects Managed by:* **Division of Capital Asset Management and Maintenance (DCAM)**

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*Projects to Benefit:* **Office of the Secretary of Administration and Finance (ANF)**

Essex North Shore Agricultural and Technical School - Essex Cnty Reg Schl - DOE0301  
\$500,000

This program funds the Commonwealth's contribution to the development of a new regional agricultural and vocational high school on the campus of Essex Agricultural and Technical Institute in Danvers/Middleton. This is a multi-year commitment from the Commonwealth, assuming local contributions are approved.

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*Projects Managed by:* **Department of Housing and Community Development (DHCD)**

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*Projects to Benefit:* **Department of Housing and Community Development (OCD)**

Community Development Block Grant - Statewide - \$43,575,000

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

Urban Revitalization Development Grant Program (URDG) - Statewide - \$3,696,306 OCD\_\_010

The URDG Program provides 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. Therefore, it is not possible to identify direct job creation for specific/individual projects.

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*Projects Managed by:* **Office of the Secretary of Administration and Finance (EOAF)**

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*Projects to Benefit:* **Office of the Secretary of Administration and Finance (ANF)**

Peabody Flood Control Project - Peabody - \$76,992 PLAN0061

This project funds payments for phase 2 of the flood control mitigation plan to improve drainage along the North River in downtown Peabody. This project will reduce the frequency of flooding in Peabody Square and is being financed by state, municipal, and federal funding. This funding represents the final payment from a commitment of a \$2M award the Commonwealth made in the beginning of FY08.

Zoo New England Capital Costs - Boston - \$2,000,000 ZOOCAPITAL

This funds capital costs for the Massachusetts Zoological Corporation.

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*Projects to Benefit:* **Massachusetts Cultural Council (ART)**

Cultural Facilities Fund - Statewide - \$7,000,000 ART09CAP

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



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## Community Investment Program

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### *Projects Managed by: Office of the Secretary of Administration and Finance (EOAF)*

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#### *Projects to Benefit: Board of Library Commissioners (BLC)*

Board of Library Commissioners - Library Construction Grants - Statewide - BLC\_\_001  
\$9,000,000

This program provides matching grants to assist municipalities with improvements to their public library facilities by providing technical assistance in planning and carrying out construction projects, and through grants for planning, designing and constructing public libraries.

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#### *Projects to Benefit: (MUN)*

Barnstable Bulkhead Reconstruction - Barnstable - \$2,400,000 BARPIER10  
This funds emergency repairs to a 30-foot section of the timber bulkhead at Barnstable Harbor. The Commonwealth is funding a portion of this project.

Beverly Waterfront Infrastructure Improvements - Beverly - \$1,400,000 GGBB09  
This funding will assist in the development of the waterfront area in Beverly, including repairing a seawall, improvements to the public pier and ADA access.

Hamilton Community Center Restoration - Newton - \$500,000 PLAN0227  
This funds renovations and building repairs at the Hamilton Community Center.

Haverhill Stadium Improvements - Haverhill - \$1,350,000 CH304HVL  
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.

New Salem Academy Historic Renovation - New Salem - \$350,480 CH304NSAL  
This provides matching grant funds for the restoration of the historic New Salem Academy Building.

Thompson Street Historic Renovation - New Bedford - \$500,000 PLAN0238  
This funds critical improvements to the former Thompson Street School, a historic landmark and important community and cultural center.

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#### *Projects to Benefit: Department of Business Development (SEA)*

Seaport Council - Statewide - \$8,100,000 SEA\_\_001  
The Seaport Council grant program, as created by Executive Order #376, enhances and develops the deep water commercial ports of the Commonwealth, with the emphasis on commercial aspects of the ports - cargo, cruise ships, and commercial/industrial maritime support.

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#### *Projects to Benefit: Secretary of the Commonwealth (SEC)*

Historic Preservation Grants - Statewide - \$1,550,000 SEC\_\_001  
This program provides funding assistance to preserve historic cultural resources through an application process with the Secretary of the Commonwealth.



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## Community Investment Program

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### *Projects Managed by: Office of the Secretary of Administration and Finance (EOAF)*

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#### *Projects to Benefit: Office of the Treasurer and Receiver-General (TRE)*

Water Pollution Abatement Trust - Title V Community Septic Loan Program - TITLE V  
Statewide - \$1,500,000

The Water Pollution Abatement Trust administers, in partnership with Mass DEP, the Community Septic Loan Program pursuant to section two of chapter eighty-five of the Acts of 1994, to assist homeowners in complying with the revised state environmental code for subsurface disposal of sanitary waste, Title V. Under this program, loans are made to cities and towns enabling them to loan funds to individual homeowners with payment received through a betterment program.

Water Pollution Abatement Trust -- State Match - Statewide - \$18,896,000 WPATCLEAN

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. This program provides a low-cost funding mechanism to assist municipalities in complying with federal and state water quality requirements. The SRF Program is jointly administered by the Division of Municipal Services of the Department of Environmental Protection (Mass DEP) and the Massachusetts Water Pollution Abatement Trust. Each year Mass DEP solicits projects from Massachusetts municipalities to be considered for subsidized loans.

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### *Projects to Benefit: Department of Agricultural Resources (AGR)*

Boston Public Market - Boston - \$2,000,000 PLAN0221

This funds the conversion of 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. In FY11 federal funds will assist with the planning efforts, while state capital dollars will improve the building for future use.

Three County Fairgrounds Improvements - Northampton - \$2,000,000 PLAN0240

This funds facility improvements at the Three County Fairgrounds.

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#### *Projects to Benefit: Department of Conservation and Recreation (DCR)*

Muddy River Flood Control and Historic Preservation Project - Brookline - DCR2004303  
\$7,168,229

This funding is the Commonwealth's share of a US Army Corps of Engineer \$84 million project in Boston and Brookline. This project restores the existing infrastructure of the Muddy River to its original design capacity to prevent future flooding such as the \$60 million worth of flood damage in 1996.

Public Private Partnerships Program - Statewide - \$1,350,000 DCR\_\_007

This program matches private contributions focused on capital improvements to deteriorated DCR facilities. Private individuals, friends, groups, foundations, financial institutions, academic institutions and municipalities provide funds to leverage programs or desired improvements at specific locations.

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#### *Projects to Benefit: Department of Energy Resources (ENE)*

Energy Efficiency & Conservation Block Grants - Statewide - \$9,483,535

This program provides grants to communities with less than 35,000 to implement projects to reduce fossil fuel use and emissions.



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## Community Investment Program

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### *Projects to Benefit: Office of the Secretary of Energy and Environmental Affairs (ENV)*

**Coastal Pollutant Remediation (CPR) Grants - Statewide - \$360,000** ENV2008015

This project will address coastal and ocean water quality and will implement coastal pollutant remediation grants to cities and towns to construct, re-construct, and otherwise improve boat pump out facilities and storm water drainage facilities along roads, highways, and bridges within the watersheds of the Massachusetts coastal zone. Additionally, this project will implement a program of coastal non-point source pollution grants to public entities to identify and implement solutions to control or eliminate non-point source pollution in coastal watersheds. Nonpoint source (NPS) pollution is the leading cause of water quality degradation in Massachusetts. Nonpoint source pollution from roadways, boat sewage discharge, septic systems, lawn care products, pet waste, and other sources of contaminated runoff causes beach closures, shellfish bed contamination, and many other water quality impairments. The Metropolitan Beaches Commission Report identifies stormwater contamination as a major concern along several area beaches and recommends an increase in state funding for stormwater remediation efforts. In addition, the Commonwealth has made a recent commitment to reducing boat waste discharges by achieving a statewide No Discharge Area designation by 2010. The Coastal Pollutant Remediation (CPR) Grant Program will make awards available to coastal cities and towns and regional planning agencies for the purpose of assessing and remediating these nonpoint sources of pollution. This grant program will focus on the remediation of stormwater pollution from paved municipal surfaces, as well as the design and installation of boat waste pumpout facilities. CPR will also provide funding for identifying nonpoint sources of pollution at the watershed scale, developing non-structural best management practices (BMPs), developing innovative, transferable NPS management tools, and conducting follow-up monitoring in areas where pollution remediation efforts have been initiated or completed. Each spring, eligible local conservation and public work offices and planning organizations will receive an announcement of the next grant round. Proposals are due to CZM in mid to late summer, and grants are awarded in the fall. The grants are reimbursable upon project completion and pay for 75 percent of the total project cost. Project proponents may solicit input from CZM on proposal development prior to the release of the request for responses.

**Cohasset Outfall Channel Wall Repair - Cohasset - \$450,000** PLAN0195  
This funds the rehabilitation of a channel wall in Jacobs Meadow.

**LAND - Statewide - \$4,653,848** ENV\_\_002  
This program assists municipalities in acquiring conservation land based on Open Space and Recreation Plans approved by EOEEA. This program complements state agency acquisition programs by focusing on the best quality, highest priority local conservation acquisition projects. This program focuses on the best habitat, outdoor recreation, and other resource values on a local basis and is critical to helping to meet our Statewide Land Conservation Plan goals.

**PARC (formerly Urban Self Help) - Statewide - \$6,717,484** ENV\_\_001  
This program funds the restoration and creation of new city parks and outdoor recreation facilities, often in under-served neighborhoods, and is a vital part of improving the quality of life in cities and of the smart growth initiative. Cities and towns must have an Open Space and Recreation Plan approved by EEA in order to apply for this grant and the need for the project must be ranked highly in the plan in order for the municipality to gain significant points in the EEA evaluation. Grants are evaluated by a panel of park experts.

**Park Improvements along the Mystic River - Medford - \$250,000** PLAN0302  
This funds improvements to new parkland and open space along the Mystic River.

**Urban Signature Parks - Statewide - \$6,232,023** ENV2008062  
This program will provide funding to create 10-15 large signature parks in cities to provide open space and recreation opportunities in underserved areas. This program allows for the assessment and clean up of brownfields in locations appropriate for parks as well as the design and construction of the parks.



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## Community Investment Program

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*Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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*Projects to Benefit: Department of Environmental Protection (EQE)*

Municipal Drinking Water Protection - Statewide - \$700,000 ENV2008054

This program offers grants to municipalities to protect high priority surface and ground water drinking water sources. This program is a water supply protection program first and an open space protection program as a secondary benefit.

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*Projects to Benefit: Department of Fish and Game (FWE)*

New Bedford Board Ramp Repair - New Bedford - \$600,000 FWE\_\_002

This funds the repair and reconstruction of both the East and West Rodney French Blvd Boat Ramps in New Bedford.

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*Projects Managed by: Executive Office of Public Safety (EOPS)*

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*Projects to Benefit: Office of the Secretary of Public Safety and Security (EPS)*

Municipal Public Safety Grants - Statewide - \$100,000 EPS\_\_002

This funding represents previous year commitments from grants approved by the Executive Office of Public Safety two years ago. No new awards will occur in FY11.

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*Projects Managed by: Office of the Secretary of Transportation (EOTC)*

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*Projects to Benefit: Department of Transportation (DOT)*

Chapter 90 - Municipal Roads and Bridges - Statewide - \$155,000,000 CH90000

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

*Total Community Investment Program 299,459,897*



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## Corrections

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### *Projects Managed by: Division of Capital Asset Management and Maintenance (DCAM)*

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#### *Projects to Benefit: Department of Correction (DOC)*

##### DOC / Sheriff's - Medical & Mental Health Facility - Statewide - \$427,500

This funds the initial needs assessment and planning for Medical/Mental Health facilities needs for the system, with the potential for development of a future facility, as recommended by the recent statewide corrections master plan.

##### Hayes Report Recommendations - Retrofits for Suicide Prevention - Statewide - DOC0901 \$2,000,000

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 ability of staff to observe inmates identified as high risk.

##### Master Plan for MCI Framingham - Framingham - \$250,000 PLAN0316

This funds a master plan study for the future use of correctional facilities and services at the Framingham site.

##### Multi-jurisdictional Correctional Facility - Statewide - \$427,500

This funds the planning for a Regional Multi-jurisdictional Correctional Facility for men to address overcrowding issues in Middlesex, Norfolk and Worcester counties as well as for DOC as recommended by the recent statewide corrections master plan.

##### Waste Water Package Treatment Plant - MCI Norfolk - Norfolk - \$3,600,000 DOC0802

This funds the rehabilitation of two existing clarifiers and the addition of a clarifier to the waste water treatment plant at the facility.

##### Waste Water Package Treatment Plant - MCI Plymouth - Plymouth - \$100,000 DOC0803

This funds the replacement of existing waste water treatment plant system at the facility. This improvement is necessary to comply with the administrative consent order between DOC and DEP.

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#### *Projects to Benefit: Hampshire Sheriff's Department (HSD)*

##### Hampshire Sheriff Department - Pre-Release / Re-Entry Center - Expansion - Northampton - \$332,500

This funds the planning and design for expansion of regional minimum/pre-release capacity to promote improved re-entry programming for both Sheriffs and the DOC in western MA, as recommended by the recent statewide corrections master plan.

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#### *Projects to Benefit: Essex Sheriff's Department (SDE)*

##### Essex Sheriff's Department - Pre-Release Facility / Intake Center - Essex County - \$712,500

This funds the planning and design for expansion of regional minimum/pre-release capacity to promote improved re-entry programming for both Sheriffs and the DOC in eastern MA, as recommended by the recent statewide corrections master plan, as well as upgrades to Middleton intake facility.

##### Essex Sheriff's Department - Central Control Locking System Replacement - SDE0802 Middleton - \$1,800,000

This project funds the replacement of a failing locking system, including a new PLC system, replacement of control systems, and the installation of additional cameras and monitors.



**Corrections**

*Projects Managed by: **Division of Capital Asset Management and Maintenance (DCAM)***

*Projects to Benefit: **Hampden Sheriff's Department (SDH)***

Hampden Sheriff's Department - Western MA Regional Women's Correctional Center Expansion - Chicopee - \$1,140,000

This funds the planning and design for the development of an Western Regional Women's Correctional Facility in Chicopee, as recommended by the recent statewide corrections master plan.

*Projects to Benefit: **Suffolk Sheriff's Department (SDS)***

Suffolk Sheriff's Department - Eastern MA Women's Correctional Facility - Renovation - Boston - \$350,000

This funds the planning for the development of an Eastern Regional Women's Correctional Facility in Boston, as recommended by the recent statewide corrections master plan.

Suffolk Sheriff's Department - Glazing and Sealant Repairs - Boston - \$1,805,000

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

Suffolk Sheriff's Department - Roof Reconstruction - Boston - \$1,940,000

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

*Projects to Benefit: **Worcester Sheriff's Department (SDW)***

Worcester Sheriff's Department - Strategic and Facility Plan Study - West Boylston - \$80,750

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

Worcester Sheriff's Department - Emergency Repairs - West Boylston - \$1,520,000 SDW0601

This funds emergency facility repairs and deferred maintenance at the Worcester County Jail and House of Correction.

*Projects Managed by: **Executive Office of Public Safety (EOPS)***

*Projects to Benefit: **Department of Correction (DOC)***

Dept. of Corrections Equipment - Statewide - \$750,000

PSFM05

This project funds the ongoing cost for replacement of equipment at department of correction facilities.

*Total Corrections*      17,235,750



**Courts**

*Projects Managed by: Division of Capital Asset Management and Maintenance (DCAM)*

*Projects to Benefit: Trial Court (TRC)*

Access Improvements and Roof Replacements, Pittsfield Superior Court - Pittsfield - TRC0701  
 \$1,164,000

This project will address accessibility issues at the historic Superior Court in Pittsfield. Relocation of the main entrance, upgrade or replacement of an interior elevator, accessible restrooms and other improvements are required by ADA.

Cambridge Sullivan Courthouse project - Temporary Relocation Costs - Middlesex TRC\_\_002  
 County - \$12,820,542

This project funds the temporary relocation costs for the Middlesex Superior and Trial Court services due to the health violations in the EJS courthouse in Cambridge.

Greenfield Trial Court Renovation - Greenfield - \$1,710,000 TRC0606

This funds the design and construction for comprehensive renovation and addition to address holding cells, secure circulation and to address current overcrowding.

Lowell Superior Court Access Improvements - Lowell - \$1,000,000 TRC0801

This funds the study, design, and construction for repair of the existing handicapped ramp and to add a vertical lift as required by the Access Board, at the Lowell Superior Court. The scope will also include studying the feasibility of a "LULA" lift to provide access from the 1st to 2nd floor as required by the MAAB.

New Fall River Trial Court - Fall River - \$4,000,000 J9810

This funds the construction of new District and Superior court facility on South Main Street in downtown Fall River. It replaces two out-dated, overcrowded and disparate facilities currently leased from the county.

New Lowell Trial Court - Lowell - \$1,425,000 PLAN0010

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

New Lowell Trial Court - Site Acquisition and Preparation - Lowell - \$1,440,000 TRC0105

This funds the land acquisition and site preparation in advance of the new courthouse construction in Lowell.

New Taunton Trial Court - Taunton - \$25,000,000 TRC\_\_001

This funds the construction of a new Taunton Trial Court replacing three separate overcrowded, outdated facilities.

Northampton Court Master Plan - Northampton - \$228,000 TRCTBD3

This funds a master plan for Northampton Courts in conjunction with City of Northampton with a focus on evaluating feasibility of an intermodal facility on the parking lot of the existing probate & family court.

Salem/J.M. Ruane Judicial Center - Salem - \$26,600,000 TRC9910

This funds the construction of new 11-courtroom consolidated justice facility, in downtown Salem adjacent to the existing Probate and Family Court building. The new court facility will incorporate a relocated historic church building with new construction.

Various Construction Contract Settlements - Statewide - \$50,000 TRC\_\_003

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

*Total Courts* 75,437,542





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## Energy and Environment

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### *Projects Managed by: Division of Capital Asset Management and Maintenance (DCAM)*

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#### *Projects to Benefit: Office of the Secretary of Administration and Finance (ANF)*

Clean Energy Investment Program - Statewide - \$55,000,000 PLAN0310  
This program, created in 2010 by Governor Patrick is a means to affordably finance energy efficiency and renewable energy improvements to state facilities - such investments being crucial to achieving the goals of Executive Order 484. To be eligible for this program, DCAM must confirm that operating budget savings from the energy efficiency improvements will be greater than the cost of debt service costs to finance the projects.

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#### *Projects to Benefit: Office of the Secretary of Energy and Environmental Affairs (ENV)*

Wall Experiment Station - Lawrence - \$5,200,000 DEP0501  
This funds the full renovation of the existing 3 story building and the development of a 10,000 square foot addition to house lab functions and a small storage facility.

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### *Projects to Benefit: Department of Agricultural Resources (AGR)*

Agricultural Environmental Enhancement Program (AEEP) - Statewide - \$225,000 AGR2008227  
The purpose of AEEP is to support the mitigation and prevention of negative impacts to natural resources that may result from agricultural practices. While primarily a water quality program, AEEP will also fund practices that promote energy efficiency, conserve water and reduce greenhouse gas emissions. Eligible practices include the installation of buffers, animal waste systems, pesticide storage facilities, fencing, culverts, seed and gutters.

Agricultural Preservation Restriction (APR) - Statewide - \$8,500,000 AGR2008225  
This program offers a non-development alternative to farmers and other owners of "prime" and "state important" agricultural land who are faced with a decision regarding the future use and disposition of their farms. Towards this end, the program offers to pay farmers the difference between the "fair market value" and the "agricultural value" of their farmland in exchange for a permanent deed restriction which precludes any use of the property that will have a negative impact on its agricultural viability.

Agricultural Project Operations - Statewide - \$350,000 AGR2004425  
This program funds the ongoing costs of the Department of Agricultural Resources in carrying out its capital programs.

Farm Viability Enhancement Program (FVEP) - Statewide - \$900,000 AGR2008226  
The Farm Viability Enhancement Program (FVEP) is intended to provide support toward the development and implementation of initiatives that are designed to address agricultural economic and environmental sustainability, research, industry promotion, technology transfer, education and to facilitate improvements to agricultural infrastructure, energy conservation and efficiency, as well as renewable energy projects.

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#### *Projects to Benefit: Department of Conservation and Recreation (DCR)*

Campground Modernization Program - Statewide - \$200,000 DCR2008663  
This program funds improvements to DCR campgrounds, including updating water and electrical systems and the toilet and shower facilities.

Canton Airport Site Remediation - Canton - \$4,000,000 DCR2005012  
This project is environmental remediation for the 338 acre former airport in Canton, acquired by the former MDC in the 1990's. In addition, upon completion of the remediation of this site, park improvements will be constructed to allow the public use of the site for passive recreation.



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## Energy and Environment

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### *Projects to Benefit: Department of Conservation and Recreation (DCR)*

Comfort Station Rehabilitation - Statewide - \$1,000,000 DCR2007727

This program funds the ongoing cost for annual project repairs and reconstruction of comfort stations throughout DCR facilities. DCR has developed prototypes for three sizes of Comfort Stations which will be used as the model for each rehabilitation or replacement.

Community Boating Dock Replacement - Boston - \$3,000,000 PLAN0163

This project will replace the Community Boating, Inc. dock system on the Charles River in Boston. The dock system is in dire need of replacement. Community Boating runs a valuable Learn To Sail youth program, charging \$1 for the spring through fall season and replacement of the dock system is imperative for the program to continue. The replacement of the dock system is 95% designed and fully permitted and will soon be ready to be bid for construction.

Connors Pool Renovation - Waltham - \$6,000,000 DCR\_\_009

This funds the renovation of existing pool and pool building.

Dam Maintenance and Operation / PL 566 Flood Control - Statewide - \$600,000 DCR2004089

The Dam Operation and Maintenance program is responsible for assisting non-technical caretakers with inspecting, maintaining and repairing 150 DCR-owned dams throughout the state forests and parks system. It is also responsible for inspecting, maintaining and repairing 25 flood control facilities built in cooperation with the USDA Natural Resources Conservation Service under PL-566.

Dam Rehabilitation Program - Statewide - \$2,000,000 DCR\_\_001

This program funds repairs to DCR dams that are rated high hazard potential, poor condition, significant hazard potential dam, and poor/failing condition. Dams repaired or replaced under this program are the responsibility of the Commonwealth and failure to make the necessary repairs will negatively impact public safety and the local economy.

Dam Safety and Inspection Program - Statewide - \$380,000 DCR2004027

This program conducts inspections, studies & emergency remedial work on dams that have been abandoned by dam owners and have been determined to be a threat to public safety in their current condition. It also provides technical assistance to municipalities as requested.

DCR Equipment - Statewide - \$1,000,000 DCR2007744

This program funds the purchase of equipment and related materials to be used by the agency to allow DCR staff to do their work efficiently and effectively. This program funds marine, heavy equipment, staff equipment, rolling stock and forestry equipment.. The asset type does not reflect the breadth of the use of this item, it includes shore, watercourse, historic, recreation and building.

DCR Land Protection - Statewide - \$7,000,000 DCR\_\_008

This program funds the Department of Conservation and Recreation (DCR) Land Protection program to acquire and develop parcels of environmentally significant land for both conservation and recreation functions throughout the state.

DCR Project Operations - Statewide - \$13,500,000 DCR2004090

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

Deferred Maintenance & Small Repairs DCR - Statewide - \$4,600,000 DCR\_\_002

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



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## Energy and Environment

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### *Projects to Benefit: Department of Conservation and Recreation (DCR)*

Environmental Remediation (Clean State) - Statewide - \$2,400,000 DCR\_\_003

On a statewide basis, DCR has approximately 80 active projects involving asbestos, lead and hazardous materials remediation. This project funds 15 of these DCR properties that are undergoing active investigation / remediation under the Massachusetts Contingency Plan (MCP); many other sites are former urban defense (FUD) sites which may involve cost sharing arrangements with US Army Corps of Engineers when federal funding is available.

Flood Control Annual Maintenance - Greater Boston - \$1,000,000 DCR\_\_004

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.

Georges Island Pier - Boston - \$1,600,000 PLAN0086

This project is for the design and repair or replacement of the Georges Island Pier which is the primary access point to this important historic site in the Boston Harbor Islands Region. This work will allow for continued visitor access to this facility.

Greylock Glen -Outdoor Recreation and Environmental Education Center - North Adams - \$400,000 DCR2006542

The funding will used for project infrastructure (roads, utilities), art and nature facilities, trails and other outdoor recreation amenities in the development of the Greylock Glen site. The project embodies the state's sustainable development principles and has the potential to leverage almost \$35 million in non-state money.

Landscape Improvements - Statewide - \$600,000 DCR\_\_005

This project funds tree planting, annual flower planting, and other related landscape components including benches efforts. This program is critical to maintaining a healthy tree stock by replacing aged trees throughout the system. This program is an important environmental program as it provides for the maintenance of the tree canopy in particular in the urban area.

Melnea Cass Rink Renovation - Boston - \$2,000,000 DCR2010CAS

This funds the renovation of the former Melnea Cass Rink to create a year-round multi-use recreation center for activities such as rollerblading, gymnastics, and soccer.

Nantasket Beach Seawall/Beach Renourishment Flood Control Project - Hull - \$45,000 DCR2004045

This funds design, permit and construct shore protection improvements and develops a master plan for the Nantasket Beach Reservation in Hull. This is a multiphase project for which emergency repairs and Phase I have been completed and the Phase 2 improvements to beach access ways including AAB compliant ramp construction are underway. Remaining work includes: Alternative Analysis, Development of the Master Plan, Environmental Permitting and final construction.

Playground Improvements - Statewide - \$500,000 DCR2004492

This program funds improvements to playgrounds within the DCR statewide system in need of rehabilitation. This includes, if necessary, new playground structures, new ground cover which meets safety standards, accessibility requirements and security requirements.

Pool Maintenance, Rehabilitation and Improvements - Statewide - \$1,200,000 DCR2008660

This program funds improvements to DCR pools which must be upgraded to present safety standards. It also includes funding necessary for annual open close activities, design services, repair and renovation currently closed facilities. This program has allowed DCR to reopen or improve pools in areas of heavy demand.

Rink Maintenance, Rehabilitation and Improvements - Statewide - \$1,000,000 DCR\_\_006

DCR has responsibility for 13 ice skating rinks. This program funds activities necessary to open and operate the DCR Ice



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## Energy and Environment

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### **Projects to Benefit: Department of Conservation and Recreation (DCR)**

Skating Rinks each season as well as any major improvements which are required to keep the Rinks in operation. These improvements include but are not limited to the replacement of chillers and boards.

#### **Short Beach Infrastructure Improvements - Winthrop - \$2,200,000** PLAN0202

The Short Beach project in Winthrop includes replacement of deteriorated seawall cap and beach access ramps, new trail head and pathway plus footbridge into Belle Isle Marsh Reservation, reconfiguration of intersection of Winthrop Parkway and Revere Street, repaving of Winthrop Parkway, pedestrian safety improvements, sidewalk work, and improved amenities include seating, shower/foot wash, drinking fountain, bike racks and mutt-mitt dispensers.

#### **Storm Water Services - Statewide - \$3,500,000** DCR2006992

The Stormwater Management Program is designed to meet requirements of NPDES General Permit for stormwater discharges from DCR beaches, state forests, parks, parkways, and water supply facilities where those facilities have drainage systems that meet definitions for small municipal separate storm sewer systems (MS4s) The program establishes best management practices (BMPs) for public education, public participation, illicit discharge detection and elimination, construction and post-construction site monitoring, good municipal housekeeping practices and pollutant discharge limits for those waterways where EPA has established total maximum daily loads (TMDLs).

#### **Tennis & Basketball Court Rehabilitation - Statewide - \$300,000** DCR2004722

This program funds the replacement of bituminous concrete court surfaces, line striping, and net assemblies for various tennis and basketball courts throughout DCR facilities. These facilities are throughout the Commonwealth and are in high demand particularly in the urban areas.

#### **Upper Mystic Lake Dam - Arlington - \$2,045,000** DCR2005521

This funds the full rehabilitation of the Upper Mystic Lake Dam. The dam is classified as a significant hazard dam in poor condition and the spillway capacity does not meet dam safety standards. This is a safety concern and this dam is in a watershed area that experiences flooding.

#### **US Geological Survey Cooperative Programs - Statewide - \$690,000** DCR2004103

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.

#### **Waterways Division Program - Statewide - \$1,650,000** DCR2004091

For the Division of Waterways design, permitting, and small projects related to the operation and maintenance of inland and coastal waterways. This also includes the operation and maintenance of four state piers at New Bedford, Fall River, Gloucester, and Plymouth and the operation and maintenance of the Cape Cod Disposal Site (CCDS). It is the ocean disposal location for dredged materials from Public and Private dredging jobs in Cape Cod.

#### **Winthrop Shores Restoration - Design and Construction - Winthrop - \$570,000** DCR2004134

This project funds improvements to Winthrop Beach Reservation including Winthrop Shore Drive, including beach nourishment for shore protection, full depth parkway reconstruction, reconstruction of storm drainage, landscaping, improved lighting, water fountains, sand showers, benches, & shade shelter.

#### **Working Forest Preservation Restriction - Statewide - \$700,000** DCR2009632

This program has dual goals of protecting high quality forest land and supporting rural economic development via sustainable forestry. It is modeled after the nationally renowned MA Agricultural Preservation Restriction Program. Like APR, Working FPR would be an application program for landowners and with a committee of forest landowners and forestry experts reviewing applications based on the quality of the forest resource and the viability of the land to support sustainable forest businesses. Working FPR easements would be held by DCR or DAR. Funding from the new bond bill will enable both agencies to develop projects. This program fills a needed niche in the land conservation matrix by reducing state



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## Energy and Environment

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### *Projects to Benefit: Department of Conservation and Recreation (DCR)*

management costs via private ownership and enhancing sustainable forest and forest conservation via a voluntary, application program.

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#### *Projects to Benefit: Department of Energy Resources (ENE)*

State Energy Program - Transformation Grants - Statewide - \$43,822,863

PLAN0191

This program funds energy efficiency projects for the expansion of private sector efficiency programs.

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#### *Projects to Benefit: Office of the Secretary of Energy and Environmental Affairs (ENV)*

Coastal Resource Protection Program Support - Statewide - \$450,000

ENV2004026

This fixed program funds technical and administrative staff and is the primary source of state match for CZM's NOAA federal grant. As part of the national Coastal Program, CZM's funding is a split between federal funds from the National Oceanic and Atmospheric Administration (NOAA) and state sources (required 1:1 non-federal match). Although the CZM is predominately federally funded, capital funds help to cover staff costs for specific project and costs which cannot be covered under the main NOAA grant. This funding provides a one to one match for federal funding. EOEEA (through its Office of Coastal Zone Management) receives a yearly federal grant from NOAA totaling approximately \$2.4M per year and smaller federal grants from EPA, totaling roughly \$1.2M per year. In order to receive the federal funds, the Commonwealth must provide a detailed application to the federal program documenting the specific activities the state will carry out in support of the grant. These activities are reviewed by the feds and if they are accepted they are counted as the state's match. Funding supports staff that provide technical and regulatory assistance on coastal seawalls, revetments, groins, telecommunication and electric cables, gas pipelines, and energy facilities, and the overall restoration of environmentally sensitive coastal areas critical marine and shore habitats, wetlands and water resources, and cultural and historic landscapes.

Conservation Partnership - Statewide - \$996,645

ENV\_\_003

This program funds grants to land trusts to assist with the acquisition of priority land and requires a conservation easement to be held by an EEA agency and at least a 1:1 match is required. Grants are reviewed by a panel of land experts.

Diesel Emissions Reductions Program - Statewide - \$324,988

This supports the implementation of verified and certified diesel emission reduction technologies.

Diesel Emissions Reductions Program - Statewide - \$1,561,246

PLAN0311

This ARRA program funds reduction in diesel pollution from locomotives, truck fleets and fishing boats, as awarded by the Environmental Protection Agency.

ENV Program - Statewide - \$821,000

ENV2005606

This program funds the ongoing costs of the Executive Office of Energy and Environmental Affairs to carry out its capital programs. This includes funds for Water Policy and Sustainable Growth to consolidate energy and environment program activity in one line at Secretariat.

FEMA Port Security Program -- New Bedford State Pier - New Bedford - \$203,030

PLAN0312

The Massachusetts Environmental Police will use funds awarded by the Department of Homeland Security Federal Emergency Management Agency to upgrade dockage capabilities at the state-owned New Bedford Pier. Upgrades will include the installation of float and finger piers as well as security fencing, lighting, and cameras. Awarded under the Port Security Grant Program, funds are to enhance port and maritime infrastructure to prevent, protect, and respond to and recover from acts of terrorism.



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## Energy and Environment

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### *Projects to Benefit: Office of the Secretary of Energy and Environmental Affairs (ENV)*

FEMA Port Security Program -- Regional Response Readiness - Statewide - PLAN0313  
\$484,196

This ARRA program funds catastrophic incident preparedness in selected high-risk, high-consequence urban areas and their surrounding regions, as determined by the Federal Emergency Management Agency.

Leaking Underground Storage Tank Trust Fund Program - Statewide - \$2,304,317

This funds the remediation of known storage tanks buried underground that are or have been compromised, leaking petroleum into the environment.

Ludlow Mills Remediation - Ludlow - \$400,000 PLAN0199

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

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#### *Projects to Benefit: Department of Environmental Protection (EQE)*

Ambient Air Monitoring - Statewide - \$736,000 EQE2004117

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. The Air Assessment Branch (AAB), located at the Wall Experimental Station in Lawrence, operates 139 instruments at 30 locations across the state as well as laboratory equipment in Lawrence. AAB also oversees a separate industry-funded network (required by the permits for those facilities) of six stations located at industries in 3 municipalities.

Baird and McGuire Groundwater Treatment System - Holbrook - \$1,400,000 EQE2004572

Baird and McGuire is the site of a former manufacturing facility with several classes of contaminants - pesticides, volatile organic compounds, pah's and dioxin. The contamination caused the shut down of municipal water supply wells. This site is formerly a superfund site and the remediation has been done by EPA, with a 10% match from the state. The approximate \$160 million cost of remediation included incineration of contaminated soils on site, groundwater recovery and treatment, dredging of contaminated sediments from the Cochato River and evaluation of options to replace lost water supplies. Per the terms of the superfund agreement, EPA turned the groundwater treatment system over to DEP to manage in on June 23, 2004. Because this groundwater recovery and treatment system is one of the largest of its kind, it was agreed that EPA would run it first for 10 years before turning it over to the state. It is expected that this treatment system will be needed for at least another thirty years.

Emergency Response Risk Reduction & Remediation - Statewide - \$1,000,000 EQE2004120

The Emergency Response & Risk Reduction program is one of the most visible and critical in the Department, as it successfully leverages cleanups by private parties in almost all cases, but the DEP's Risk Reductions capabilities are a crucial backstop if a responsible party cannot or will not perform needed cleanup activities in the timeframe required. Other core services such as risk reduction activities and operation and maintenance services follow up the initial work conducted at spills and other releases to the environment. Emergency situations include responses to incidents involving weapons of mass destruction, roadway spills, explosive levels of vapor in indoor air, spills to coastal ocean waters, lakes and rivers, and explosions at manufacturing facilities, and other sudden releases of oil and or hazardous materials to the environment.

Enforcement Support and Brownfields - Statewide - \$3,220,000 EQE2004771

These services and contracts provide crucial technical, scientific and financial support to enable the Department to pursue enforcement activities against polluters and to recover costs and secure revenue to maintain ongoing program activities. This program funds the Financial Assurance for Pollution Remediation Liabilities of the Commonwealth under Chapter 21E of the MGL. The universe of liability for the Commonwealth of Massachusetts for known projects is \$131,796,404. In these cases the Commonwealth is legally obligated to fund cleanup activities or other remedial actions.



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## Energy and Environment

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### *Projects to Benefit: Department of Environmental Protection (EQE)*

**EPA 10% Match on Superfund Clean Up Sites - Statewide - \$3,000,000** EQE2004119

The Commonwealth is contractually responsible for 10% of the costs expended by EPA on Superfund assessments. Massachusetts has 34 hazardous waste sites on the National Priority List (NPL), also known as Federal Superfund sites. Match funds paid by the Commonwealth have leveraged tens if not hundreds of millions of dollars of assessment and cleanup work by the federal government at these sites. The Department, on behalf of the Commonwealth, provides State-level review, oversight and management at NPL (Superfund) sites, and fulfills the Operation & Maintenance (O&M) obligation at fund lead (government funded) Superfund Sites once the sites have reached that stage of cleanup. The Commonwealth is responsible by the Federal statute known as The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) for 10% of the costs expended by EPA on Superfund assessments and remedial actions throughout the state, and for 100% of operation and maintenance costs once treatment systems are operational. This program funds the Financial Assurance for Pollution Remediation Liabilities of the Commonwealth under the Federal Superfund Program. The universe of liability for the Commonwealth of Massachusetts for known projects is \$18,402,180.

**Existing Water Quality Preservation - Statewide - \$294,000** EQE2004699

This program seeks to assess and develop solutions to the lack of water in the most severely impacted rivers in the state, to develop the network needed to monitor and establish the water quality in water statewide and to develop the detailed solution needed to restore the dirtiest of these waterways. This project provides the basic understanding needed to determine where development can be sustained and which water resources need certain levels of protection. This project is needed if the Smart Growth agenda is to be successfully implemented.

**Infrastructure & GIS Program - Statewide - \$2,000,000** EQE2004116

This funds the maintenance and electronic management of DEP's environmental resource data, permit applications, certifications and facility specific data and compliance data. DEP's ability to meet its core mission to protect public health and the environment relies heavily on the efficiencies that arise from robust and responsive data management systems. This project provides the funds necessary to enable the Department to commit to greater reliance on automated systems as the alternative to higher levels of staff.

**Solid Waste Management and Recycling Technical Assistance and Regulatory Development Program - Statewide - \$1,564,000** EQE2004052

This project is the funding for core solid waste management activities: technical assistance and administrative procedures for assessment and closure of landfills; review and site supervision of ongoing closure activities; technical and management assistance to municipal and regional solid waste staff. This program funds the Financial Assurance for costs associated with closure and post closure care for municipal solid waste landfills under Government Accounting Standards Board Statement number 34. Closure and post closure activities are considered a liability of the Commonwealth and need to be reported and funded. This program supports work done at Wendall, BFI, Crow Lane, Holt Road and Maple Meadows.

**Wetlands Change/Protection Project - Statewide - \$200,000** EQE2004843

This funds wetlands protection in the Commonwealth. 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. The restoration of the wetland circuit rider program will provide the tools needed to limit ongoing wetland loss while the redesign of the wetlands long term program is underway. The project will identify the extent and reasons for wetlands loss and reduce future losses by proactively addressing sectors and geographic areas that contribute the most to loss and reduce future unlawful wetlands alteration by targeting enforcement and compliance work toward identified concentration of unlawful activity. Funding supports the Wetlands Conservancy Mapping Program, an on-going effort to complete an accurate wetlands mapping of the entire state.



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## Energy and Environment

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### *Projects to Benefit: Department of Fish and Game (FWE)*

Bird Island Coastal Habitat Restoration - Marion - \$641,000 PLAN0200

This joint state-federal collaboration is a partnership between DFG and the Army Corps of Engineers New England Division and will restore critical coastal habitat for the Roseate Tern, a state and federally listed Endangered Species, on Bird Island - the second largest Roseate Tern nesting colony in North America and the largest in Massachusetts.

Boat Ramp Construction/Maintenance - Statewide - \$682,500 FWE2008840

This program funds the maintenance and reconstruction of aging boat ramps and related facilities to maintain safe public use of these areas. The facilities include public boat ramps, handicapped-accessible sport fishing piers, shore fishing access areas, associated parking areas, and access roads.

Department of Fish and Game - Land Protection - Statewide - \$9,500,000 FWE2008854

This program funds the Department of Fish and Game's land protection program which acquires parcels of environmentally significant land for protection of important species throughout the state and to provide recreational opportunities to the public.

Land and Habitat Programs - Statewide - \$2,000,000 FWE2006927

This program funds the ongoing costs of the EOEEA land and habitat protection capital programs.

Marine Fisheries Institute/Facility Repair - Statewide - \$227,500 DFG2010866

This program funds the Massachusetts Marine Fisheries Institute (MFI) and priority DFG facility repairs to maintain public health, safety, and work environments.

River Revitalization & Riverine Habitat Restoration - Statewide - \$1,000,000 FWE2008843

This program funds the activities of DFG's Division of Ecological Restoration (DER) to restore degraded aquatic habitats and improve habitat and ecosystem functions and services. Projects include dam removals, culvert replacements, and physical restoration of rivers and wetlands.

*Total Energy and Environment* 214,688,285





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## Economic Development

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### *Projects Managed by: Office of the Secretary of Administration and Finance (EOAF)*

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#### *Projects to Benefit: Office of the Secretary of Administration and Finance (ANF)*

"I-cubed" Economic Development Projects - Statewide - \$60,000,000 ANF\_\_002

The Infrastructure Investment Incentive Program or I-Cubed, will finance significant new public infrastructure improvements necessary to support major new private development. These investments will be financed through an innovative cost and risk sharing arrangement among the Commonwealth, the Municipality and the private developer. The new private development will result in new jobs and tax revenue for the Commonwealth and in increased commercial property values and real estate tax revenue for the Municipality.

Capital Improvements at Devens - Devens - \$2,000,000 MDFADEVENS

This program funds ongoing capital costs related to the Devens economic development project authorized by chapter 23 of the acts of 1997 this includes reimbursement to MassDevelopment for building rehabilitation, engineering costs, environmental remediation, road construction and other infrastructure needs.

Life Sciences Capital Program - Statewide - \$34,000,000 ANF\_\_001

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.

Massachusetts Growth Capital Corporation - Statewide - \$20,000,000 PLAN0326

This funds capital grants to small businesses through the MA Growth Capital Corporation, created in the 2010 Economic Development legislation.

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#### *Projects to Benefit: Office of the Secretary of Housing and Economic Development (EED)*

Broadband Initiative - Statewide - \$20,081,677 EED\_\_001

This funding will leverage private sector investment in broadband infrastructure throughout the Commonwealth. Through the plans established by the Massachusetts Broadband Institute, these funds will invest in long-lived infrastructure assets, such as fiber, conduits and wireless towers, in unserved and underserved areas. State funds are matching a federal stimulus award to expand broadband access in Western and North-Central Massachusetts.

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#### *Projects to Benefit: (MUN)*

MassWorks - Infrastructure Grant Awards - Statewide - \$67,710,000 PLAN0320

This funds the MassWorks Infrastructure Program, which is a consolidation of six grant programs (Public Works Economic Development (PWED) Grant, Community Development Action Grant (CDAG), Growth District Initiative (GDI) Grants, Massachusetts Opportunity Relocation and Expansion Program (MORE), Small Town Rural Assistance Program (STRAP), and the Transit Oriented Development (TOD) Program.

*Total Economic Development 203,791,677*



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## Health and Human Services

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### *Projects Managed by: Division of Capital Asset Management and Maintenance (DCAM)*

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#### *Projects to Benefit: Department of Developmental Services (DMR)*

DDS Fernald - Closure / Disposition - Waltham - \$3,104,000 DMR0906

This funding includes re-use planning and separation of remaining buildings from the central plant and utilities. This work is essential to the successful closing of Fernald and the potential operating cost savings that closure will mean for DDS.

DDS Templeton - Campus Closure Plan - Templeton - \$47,500

This funds a study for the closure plan at the DDS Templeton campus.

DDS Wrentham - Heffron A / B - Various - Upgrade - Wrentham - \$600,000 DMRTBD

This project is related to the 2010 closure of Fernald. DDS has identified two currently unoccupied existing buildings - Heffron A and B - at Wrentham as the best option for placement of Fernald residents.

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#### *Projects to Benefit: Department of Public Health (DPH)*

DPH Tewksbury State Hospital - Demolition of Multiple Buildings - Tewksbury -  
\$456,000

This funds the demolition of multiple buildings at the Tewksbury State Hospital campus.

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#### *Projects to Benefit: Department of Youth Services (DYS)*

DYS Connelly Improvements - Boston - \$1,000,000

This funds immediate repairs to mitigate extreme temperature control, generator exhaust, fire alarm repairs and asbestos abatement.

Structural/HVAC/Sprinkler Improvements at DYS in Springfield, MA - Springfield - DYS0801  
\$8,500,000

This funds structural, HVAC, electrical, sprinkler improvements related to a utility company energy project., in addition to reinstallation of rooftop HVAC units previously removed under emergency project.

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#### *Projects to Benefit: Office of the Secretary of Health and Human Services (EHS)*

Chelsea Soldiers Home Water Tank Repair - Chelsea - \$800,000 CHE0602

This funds emergency repairs to a leaking water storage tank.

Demolition at Taunton State Hospital - Taunton - \$1,000,000 EHS\_\_004

This funds the demolition of buildings damaged by fire in 2007. The fire damaged buildings are close to or contiguous to an operating DYS facility and represent a severe safety hazard.

DMH Westborough - Multiple Buildings - Boilers - Westborough - \$2,813,000

This funds the installation of new boilers on the Westborough campus as part of an effort to close an inefficient and costly central heating plant.

EOHHS – Campus Consolidation/Closures - Miscellaneous - Statewide - \$142,500

This funds planning and campus closure activities for miscellaneous EHS campuses in the process of being closed, including Monson, Templeton, and Glavin for DDS, Worcester State Hospital for DMH.

Executive Office of Health and Human Services - Capital Programmatic Needs - PLAN0322  
Statewide - \$600,000

This provides capital funding for small non-deferred maintenance projects that meet programmatic needs in the Executive Office of Health and Human Services.



**Health and Human Services**

*Projects Managed by: Division of Capital Asset Management and Maintenance (DCAM)*

*Projects to Benefit: Office of the Secretary of Health and Human Services (EHS)*

Executive Office of Health and Human Services Master Plan - Statewide - EHS0901  
 \$1,045,000

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

Hogan Boiler Replacement - Danvers - \$1,358,000 EHS\_\_002

This funds the replacement of oversized central power plant with smaller, more efficient local system.

Medfield State Hospital - Medfield - \$1,700,000 DCP0505

This project funds the environmental evaluation, clean up, and containment of demolition debris at the former Medfield State hospital.

New Psychiatric Care Facility - Worcester - \$72,000,000 EHS\_\_001

This project funds the first new construction of a major mental health hospital in 100 years. This project follows a 2006 special commission report on the future of the Department of Mental Health's inpatient psychiatric care in Massachusetts.

Roof & Building Envelope Repairs, Mass Hospital School - Canton - \$3,104,000 DPH0705

This funds the study, design, and construction of building envelope and roof repairs at this school for severely physically handicapped children.

Various Construction Contract Settlements - Statewide - \$50,000 EHS\_\_003

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

Western MA Hospital, Main Building - Oxygen/Suction, HVAC, Etc - Westfield - DPH0203  
 \$1,000,000

This project addresses fire safety systems - providing sprinklers throughout the facility - and creates the code required accessible entrance, toilets, drinking fountain.

*Projects to Benefit: Department of Veterans' Services (VET)*

CHE - Life Safety - Upgrade - Chelsea - \$570,000 CHETBD1

This funds necessary upgrades to fire safety sprinkler system at the facility.

*Total Health and Human Services 99,890,000*



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## Higher Education

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### *Projects Managed by: Division of Capital Asset Management and Maintenance (DCAM)*

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#### *Projects to Benefit: Department of Higher Education (RGT)*

- Berkshire Community College - Exterior Masonry Repairs - Pittsfield - \$2,716,000 BCC0701  
This funds the much needed exterior masonry repairs to address water infiltration.
- Bridgewater State University - Conant Science Building Modernization & Expansion BSC0401  
- Bridgewater - \$33,500,000  
This funds the comprehensive renovation and expansion of the Conant Building to provide a state-of-the-art teaching facility for the biological, earth, chemical, and computer sciences, along with math and physics.
- Bristol Community College - Fall River Tech Building - Fall River - \$100,000 BRCTBD1  
This project will fund the much needed modernization to outdated science facilities.
- Bunker Hill Community College - Health and Wellness Center - Boston - \$200,000 BHC0401  
This funds the final payments of a new two story Health and Wellness Center with utilities and an elevator connected to Building E. The project also includes construction of a double height Lower Level Lobby addition to Building B.
- Fitchburg State University - Science Facility Modernization - Fitchburg - \$4,365,000 FSC0501  
This funds study and design phase for future improvements to science labs through a combination of new construction and renovation.
- Greenfield Community College - Campus Core Modernization - Greenfield - GCC0601  
\$14,558,200  
This funds the complete renovation and an addition to the Core Section of the Main Building at Greenfield Community College. A 16,000 SF addition will house a cafeteria and an expanded library as well as provide a new accessible main entrance to the college. The renovated core will include a one stop enrollment center, a multicultural center, a cafeteria and a library/learning commons, and administrative spaces.
- Greenfield Community College - Handicapped Accessibility in North & South Wings GCC0801  
- Greenfield - \$400,000  
The scope was originally intended to be part of the Campus Core Modernization project but is being broken out as a separate package in order to accelerate the work. The addresses high priority handicapped accessibility issues in the North and South Wings of the Main Building and the East Building at the college.
- Holyoke Community College - Interior Building Renovations - Holyoke - \$1,940,000 HCC0801  
This funds renovation and expansion including building envelope repairs for Building G.
- MA College of Liberal Arts - New Center for Science & Innovation/Bowman Hall - MCLATBD1  
North Adams - \$2,375,000  
This funds a new science facility and improvements to existing facilities at MCLA.
- Massachusetts College of Art - Center for Design Innovation - Boston - \$600,000 MCA0602  
This funds the renovation to provide new entry, common areas, simplified circulation and improved key studio spaces.
- Massachusetts Maritime Academy - Library Modernization - Bourne - \$11,500,000 MMA0701  
This funds the construction of a new library that will replace an outdated facility.
- Massasoitt Community College - Roof and HVAC repairs - Brockton - \$1,235,000  
This funds improvements to HVAC units and various roof repairs at Massasoitt Community College.



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## Higher Education

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### *Projects Managed by: Division of Capital Asset Management and Maintenance (DCAM)*

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#### *Projects to Benefit: Department of Higher Education (RGT)*

Middlesex Community College - New Academic Arts Center Study - Lowell -  
\$250,000

This funds a study for the potential future site for the Middlesex Community College New Academic Arts Center, using federal money.

North Shore CC - Study for the Expansion of the College in Lynn - Lynn - \$300,000 PLAN0314

This funds a study for the possible expansion of North Shore Community College in Lynn.

North Shore Community College - New Allied Health & Science Building - Danvers - NSC0601  
\$15,500,000

This funds the construction of a 58,700 GSF three story building at the Danvers campus. The building will consolidate the College's Health Profession programs and will include five academic spaces, and associated laboratory areas.

Northern Essex Community College - New Lawrence Campus - Lawrence - NEC0801  
\$3,680,000

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

Quinsigamond Community College - New Academic Building - Worcester - \$75,000 QCCTBD1

This funds the study phase for a new academic building at Quinsigamond Community College.

Quinsigamond Community College - North Wing Interim Improvements - Worcester  
- \$800,000

This funds improvements to the North Wing at Quinsigamond Community College.

Salem State University - Library Building Modernization - Salem - \$8,245,000 SSA0701

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

Springfield Technical Community College - Building 19 - Structure - Repair - Phase I STCTBD1  
- Springfield - \$2,522,000

This funds Building 19 repairs and stabilization costs at Springfield Technical Community College.

Various Construction Contract Settlements - Statewide - \$200,000 RGT\_\_001

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

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#### *Projects to Benefit: University of Massachusetts (UMS)*

UMass Amherst - New Academic Classroom Building - Amherst - \$3,700,000 UMA0801

This funds the design phase of a comprehensive academic and classroom facilities plan to provide additional classroom space in response to increased enrollments at the Amherst campus. This project will be funded by both University of Massachusetts contributions and Commonwealth bond funds.

UMass Amherst - New Laboratory Science Building - Amherst - \$18,000,000 UMA0803

This funds Phase II of an integrated sciences complex intended to consolidate major science programs in a single location at the Amherst campus. This project will be funded by both University of Massachusetts contributions and Commonwealth bond funds.

UMass Amherst - Web Dubois Library Improvements - Amherst - \$800,000 UMA0102

This funds HVAC upgrades, removal, and replacement of five air handling units (AHUs) serving the Main and Plaza Levels



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## Higher Education

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### *Projects Managed by: Division of Capital Asset Management and Maintenance (DCAM)*

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#### *Projects to Benefit: University of Massachusetts (UMS)*

of the Du Bois Library at the Amherst campus.

UMass Boston - Integrated Science Complex - Boston - \$18,000,000 UMB0802

This funds the 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 Improvements - Boston - \$8,000,000 UMS\_\_001

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

UMass Dartmouth - Library Renovations & Infrastructure Repairs - Dartmouth - \$8,924,000 UMD0802

This funds both add a new entry space to the existing library, and provide a renovated and updated state-of-the-art collegiate library for UMass Dartmouth.

UMass Lowell - Emerging Technology & Innovation Center - Lowell - \$20,000,000 UMLTBD1

This funds a state-of-the-art, 84,000-square-foot research facility developed by UMass with a combination of funding sources. This will be home to experts in cutting-edge fields including nanotechnology, plastics engineering, biomedicine and electro-optics.

UMass Lowell - New South Academic Building - Lowell - \$2,910,000 UML0802

This funds the study for a new academic building on the south campus at UMass Lowell intended to consolidate currently fragmented programs in a single state of the art facility.

UMass Medical - Institute of Labs Life Safety Improvements - Boston - \$6,000,000 DPH0702

This funds plan for renovations, and potential addition and/or replacement to accommodate upgrades to facilities for DPH and UMass operations at the State Lab site in Jamaica Plain.

Various Construction Contract Settlements - Statewide - \$50,000 UMS\_\_002

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

*Total Higher Education* 191,445,200



## Housing

### *Projects Managed by: Department of Housing and Community Development (DHCD)*

#### *Projects to Benefit: Department of Housing and Community Development (OCD)*

##### Affordable Housing Trust Fund - Statewide - \$35,000,000 OCD\_\_006

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. Funds are available to rental, home ownership and mixed-use projects, as well as housing for special populations. AHTF funds are used primarily to support private housing projects that provide for the acquisition, construction or preservation of affordable housing.

##### Capital Improvement and Preservation Fund - Statewide - \$5,000,000 OCD\_\_003

The Capital Improvement and Preservation Fund (CIPF) was developed in response to the need to preserve current privately owned affordable housing projects where sponsors have the option of pre-paying or selling or where the Section 8 contract has or will expire. Detailed data, by community, on these expiring use projects can be found at CHAPA's web site. The Department, in partnership with the Community Economic Development Assistance Corporation was recently awarded a grant from MacArthur Foundation to assist in the creation of a preservation acquisition pool. CIPF is a financially effective initiative for the Commonwealth; the cost of developing one new unit of affordable rental housing - especially in eastern Massachusetts and metropolitan Boston - is much higher than the cost of preserving and rehabilitating an existing affordable unit. CIPF is the only program in the Commonwealth's funding arsenal specifically targeted to address the expiring use issue. It is also one of the few funding resources available on a "rolling" basis. This allows the sponsor of an expiring use project to apply to DHCD at any time.

##### Community Based Housing - Statewide - \$5,000,000 OCD\_\_007

The Community Based Housing (CBH) program is an initiative to support appropriate housing for persons with disabilities. CBH supports the development of non-profit rental housing for persons with disabilities, including frail elders or those either in nursing homes or at risk of becoming institutionalized. A primary goal is to integrate a relatively small number of CBH units into a larger multi-family project. To be eligible for CBH, a disabled person must be low to moderate income and must have a chronic disability certified by a physician or other designated health care professional. Most CBH units are integrated into larger housing developments with proximity to a range of goods and services. Also, since most CBH residents require services to maintain their tenancy, the units/projects are typically located in or near town and city centers. Also, because CBH residents are typically physically disabled, CBH developments have a special emphasis on universal design and visitability. Finally, DHCD actively promotes green building in all projects, scoring them based on how efficiently they use land, energy, water, and building material resources.

##### Facilities Consolidation Fund - Statewide - \$7,500,000 OCD\_\_005

Created in 1993, the Facilities Consolidation Funds supports the development of appropriate community-based housing for DMH and DMR clients. DHCD has worked in partnership with the Departments of Mental Retardation and Mental Health to fund FCF projects developed by experienced non-profit sponsors and service providers. The primary housing models supported by FCF are small-scale group homes and apartments, as well as apartments integrated into larger privately-owned rental housing projects. Individuals with a range of disabilities live in FCF homes and apartments. Many FCF residents are capable of participating in day programs and job training opportunities; some are employed and living semi-independently; a minority are severely disabled and in need of 24-hour care.

##### Housing at Transit Nodes - Statewide - \$1,000,000 OCD\_\_008

Initially authorized in 2002, the Commercial Area Transit Node Housing Program (CATNHP) supports the development of small to medium-scale housing near public transit and shopping, employment, recreation, and other amenities. All new housing produced under CATNHP must be located in a downtown or commercial area within ¼ mile of public transit nodes. The program is flexible; both rental and ownership projects are eligible. Municipalities are interested in CATNHP projects because they use existing infrastructure and encourage residents to use public transportation rather than cars. Developers are interested in CATNHP funds because the projects are in strong locations and have the marketing advantage of proximity to transit and services.



## Housing

### *Projects Managed by: Department of Housing and Community Development (DHCD)*

#### *Projects to Benefit: Department of Housing and Community Development (OCD)*

##### Housing Innovations Fund - Statewide - \$6,000,000 OCD\_\_004

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. DHCD awards HIF monies to projects serving battered women, individuals with physical or mental disabilities, homeless persons in recovery from substance abuse. DHCD also awards HIF to projects serving the frail elderly and projects serving veterans. Most HIF projects provide services to eligible tenants. The program is a national model of a state-funded housing initiative designed to aid special populations. Almost half of all HIF projects since 1987 have been SRO projects serving many very low-income individuals at risk of homelessness.

##### Housing Stabilization Fund - Statewide - \$13,000,000 OCD\_\_002

The Housing Stabilization Fund (HSF) was created by the Commonwealth in the 1993 Housing Bond Bill as a response and supplement to the federal government's creation of the HOME program in 1992. HSF received additional bond authorization in 1998, 2002 and 2005. Using these resources, HSF has become one of the most versatile tools in support of sustainable housing production, both rental and homeownership, and housing preservation projects. HSF is tailored to match federal HOME funding and is therefore highly flexible. HSF does not trigger prevailing wage, and use of HSF in projects locks in long term affordability requirements. Due to its inherent flexibility, HSF is an ideal funding tool for a wide variety of projects. HSF enables for-profit developers to receive funding for projects targeted to homeless or at-risk of homelessness populations (other DHCD programs are restricted to non-profit developers). It has already proven critical in DHCD's efforts to help mitigate fallout from the foreclosure crisis. Changes to the program included in the 2008 bond bill will enhance HSF's already substantial flexibility, extending its usefulness by providing homeownership funding opportunities in weak markets (reducing the required term to 10 years at the director's discretion) and for the workforce segment (up to 135% of AMI, again at the director's discretion). HSF is also the logical source for creating and funding employer-assisted housing opportunities.

##### Mass. Rehab's Home Modification Loan Program - Statewide - \$4,000,000 MRC05001

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.

##### Neighborhood Stabilization Program - HERA - Statewide - \$14,000,000

The Neighborhood Stabilization Program (NSP1) created by The Housing and Economic Recovery Act (HERA) of 2008 provides formula-based grants to states for the purpose of stabilizing communities that have suffered from foreclosures and abandonment.

##### Public Housing - Affordable Housing Trust Fund - Statewide - \$5,000,000 PHAHTF09

This program funds the repair, rehabilitation and modernization of existing public housing units. The fund shall expend for this purpose not less than \$5 million per year as stated in section 8 of Chapter 121D of the Massachusetts General Laws.

##### Public Housing - General - Statewide - \$85,000,000 OCD\_\_009

This program supports over 50,000 public housing units located in 242 separate cities and towns across the Commonwealth, serving approximately 80,000 citizens.

##### Tax Credit Assistance Program - Statewide - \$27,637,340

This program, administered through HUD, TCA is designed to restart stalled low-income housing tax credit projects that were delayed by equity market conditions.

##### Tax Credit Exchange - Statewide - \$52,861,844

This program, administered through US Treasury, TCE provides funds for states to finance construction or acquisition and rehabilitation of qualified low-income housing in lieu of low-income housing tax credits.





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## Housing

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*Projects Managed by:* **Department of Housing and Community Development (DHCD)**

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*Projects to Benefit:* **Department of Housing and Community Development (OCD)**

Weatherization Assistance Program - Statewide - \$60,000,000

This ARRA program funds aid to homeowners and local groups working to make homes more energy efficient.

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*Projects Managed by:* **Office of the Secretary of Transportation (EOTC)**

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*Projects to Benefit:* **Department of Housing and Community Development (OCD)**

DHCD - Transit Oriented Development Housing - Statewide - \$1,500,000

OCD\_\_001

This program funds the development of housing units at transit hubs or commercial/downtown areas through a joint effort by the Massachusetts Department of Transportation and the Department of Housing and Community Development.

*Total Housing* 322,499,184



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## Information Technology

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### *Projects Managed by: Office of the Secretary of Administration and Finance (EOAF)*

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#### *Projects to Benefit: Information Technology Division (ITD)*

HR Modernization Systems & Technology - Statewide - \$8,000,000 HRD018  
This funds an Executive Branch Enterprise-Wide Integrated HR and Shared Services System. HR Modernization project in which the HR communities, our agencies and our workforce will become strategic partners in defining and responding to business needs, fully leveraging recently acquired technology, reducing costs and increasing the productivity of our employees.

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### *Projects Managed by: Information Technology Division (ITD)*

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#### *Projects to Benefit: Office of the Attorney General (AGO)*

Attorney General's Office Business Improvement - Statewide - \$1,125,000 AGO099  
This multi-year project will re-engineer the business and supporting IT infrastructure of the Office of Attorney General. This includes improving and automating all input sources of data to the Office, consolidating and modernizing all case and event tracking as well as digitizing paper documents and creating electronic interfaces between data sources and case/event tracking.

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#### *Projects to Benefit: Office of the Secretary of Administration and Finance (ANF)*

Administration & Finance Budgeting System - Statewide - \$3,845,136 ANF008  
Replace existing Excel-based budget tool with a comprehensive web-based budget development and spending plan application that supports advanced analytics and reporting.

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#### *Projects to Benefit: Department of Elementary and Secondary Education (DOE)*

Grants Information System - Statewide - \$1,000,000 DOE035  
The goal of the project is to replace the current grants management system with a fully integrated web-based grants management solution.

Student Education Connection program - Statewide - \$1,116,000 DOE036  
To collect student course, completion, and mark information to be used for analysis by educators, students, and parents. It will also address federal and state reporting and grant requirements.

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#### *Projects to Benefit: Department of Revenue (DOR)*

E- Health Records Planning - Statewide - \$3,600,000 PLAN0329  
This ARRA project funds the development of the Commonwealth's State Medicaid Information Technology Plan (SMHP) and the Health Information Technology Implementation Advance Planning Document (HIT IAPD), both of which are required for the Commonwealth to receive 90% Federal matching funds to administer the Medicaid Electronic Health Records (EHR) program. These plans lay out the process States will use to implement and oversee the Medicaid EHR incentive program, and help States construct a Health IT roadmap to develop the systems necessary to support providers in their adoption and meaningful use of certified EHR technology.

MassTax System - Statewide - \$20,000,000 DOR032  
MASSTAX2 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.



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## Information Technology

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### *Projects Managed by: Information Technology Division (ITD )*

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#### *Projects to Benefit: Department of Transportation (DOT)*

Automated Licensing and Registration System - Statewide - \$10,000,000 RMV008  
This funds the replacement of the ALARS (Automatic License & Registration System) application suite initially deployed in 1986 at the Massachusetts Registry of Motor Vehicles.

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#### *Projects to Benefit: Department of Youth Services (DYS)*

Juvenile Justice System - Statewide - \$928,852 DYS011  
Build a Web based system to track services provided to approximately 3000 youths in residential and community based programs

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#### *Projects to Benefit: Department of Early Education and Care (EEC)*

Comprehensive Child Data System - Statewide - \$3,089,297 EEC001  
Develop a browser-based application to streamline statewide early education and care business processes, improve child data, and manage over \$500M in annual financial assistance.

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#### *Projects to Benefit: Office of the Secretary of Health and Human Services (EHS)*

Next Generation Communications for HHS (VOIP) - Statewide - \$2,697,583 ITD103  
Migration of HHS to a Voice over IP system to include transitioning of 160 sites and 22000 handsets.

Vitals Information Processing (VIP) - Statewide - \$1,333,848 EHS020  
Implement a vital record system for the Registry of Vital Records and Statistics and additional stakeholders such as city and town clerks, hospitals, and funeral homes.

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#### *Projects to Benefit: Department of Workforce Development (EOL)*

DUA QUEST Project - Statewide - \$8,017,200 EOL010  
This is a multi-phased, multi-year project to replace the unemployment insurance (UI) and revenue applications.

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#### *Projects to Benefit: Office of the Secretary of Public Safety and Security (EPS)*

Massachusetts Public Safety Network (MASSNet) - Statewide - \$9,530,000 EPS010  
MaSSNet is an EOPSS Secretariat wide effort to re-build, deploy and maintain the Commonwealth's public safety information systems network, the public safety data center, and the provisioning of public safety applications and support services.

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#### *Projects to Benefit: Group Insurance Commission (GIC)*

MAGIC Modernization - Statewide - \$1,114,880 GIC002  
The GIC is undertaking a phased project to update its legacy system (MAGIC) and ancillary systems. The goal is to build a more efficient process that will allow the GIC to better serve its clientele and grow future needs.

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#### *Projects to Benefit: Human Resources Division (HRD)*

Human Resources Compensation Management System (HRCMS) 9.0 Upgrade - HRD\_\_001  
Statewide - \$67,680  
Move the Commonwealth to a consolidated HRIS system under Oracle / Peoplesoft to include e-Service, e-Performance, Enterprise Learning Management, and Talent acquisition.



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## Information Technology

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### *Projects Managed by: Information Technology Division (ITD )*

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#### *Projects to Benefit: Information Technology Division (ITD)*

Department of Revenue - DTax Technology Enhancements - Statewide - PLAN0328  
\$2,000,000

DTax is an electronic data warehouse that enables DOR to identify tax non-filers, non-registrants, and under-reporters and supports revenue forecasting, tax policy analysis, and refined statistical data mining. This project will fund critical enhancements to the DTAX system including driver's license suspension, automation of Notice of Intent to Lien; improved auditing and collections, developing strategic and benefits measurements and system performance and capacity improvements.

Enterprise Service Desk - Statewide - \$175,000 ITD166  
Deployment of new service desk platform for retirement of existing E2E system for alignment in ITD consolidation efforts.

IT Capital Program Management Office - Statewide - \$1,098,491 ITD151  
This project funds the IT Capital PMO to meet legislative requirements by providing oversight, assistance & technology services for capital projects, ensuring the Commonwealth receives best return on its investment by selecting the right projects and helping these projects utilize consistent practices for successful delivery, comply with technology standards and leverage shared services.

IT Consolidation - Statewide - \$500,000 ITD161  
Multi pronged effort to consolidate IT services and infrastructure across the Commonwealth to improve efficiency, effectiveness, and information security.

ITD Infrastructure Enhancement - Statewide - \$8,000,000 PLAN0327  
This project will enable ITD to modernize and refresh data center hardware and software to support current and future technology needs of its state and public customers. In FY11, ITD will be making major investments in such areas as telecommunications and data networks, security and data integrity and protection, server and data storage virtualization, and backup and recovery systems.

Mass.Gov 2.0 - Statewide - \$1,426,000 ITD143  
This funds the replacement of the Mass.Gov content management toolset & perform a user experience redesign to improve the public's experience while making web publishing easier and less costly.

Massachusetts Inter-Agency Network - Statewide - \$2,500,000 PLAN0220  
Implement an enterprise network architecture that addresses voice/data convergence, reduces duplication and redundancy, and accommodates scalability for future needs.

MassGIS Infrastructure Hosting @ MITC - Statewide - \$1,400,000 PLAN0204  
Procure and install hardware and software at MITC to support MassGIS and other Commonwealth agency GIS workgroup activities, to provide access to GIS Web Services including web mapping and data collection and to support storage and download of GIS data from shared Mass Spatial Data Infrastructure repository.

Maximizing Massmail Efficiencies - Statewide - \$3,904,000 ITD006  
Consists of two primary goals. Upgrade the 32,000 current MS Exchange 2003 mailbox's to Exchange 2007. Migrate all non-MassMail agencies to the Exchange 2007 system.

Shared Application Infrastructure - Statewide - \$1,530,000 ITD149  
SAI project will build the infrastructure to enable both technology and information sharing between Commonwealth Agencies.



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## Information Technology

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### *Projects Managed by: Information Technology Division (ITD)*

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#### *Projects to Benefit: Department of Housing and Community Development (OCD)*

All Service Integrated System Tracker (ASIST) - Statewide - \$450,000 PLAN0222  
Integrated web-based software that combines the Emergency Assistance (EA) eligibility system with the Homeless Management Information System (HMIS) allowing a client to be followed throughout the shelter/housing stabilization process with access by multiple users/organizations for the provision of wrap around services: One client-One record.

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#### *Projects to Benefit: Office of the Comptroller (OSC)*

Cash, Investment Management to MMARS - Statewide - \$545,825 OSC020  
This project will replace TRE legacy systems and integrate Treasury Accounting functionality into the Commonwealth's central accounting system, MMARS.

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#### *Projects to Benefit: Division of Professional Licensure (REG)*

eLicensing - Statewide - \$400,000 REG\_001  
Replace a mainframe legacy licensing system with an e-Commerce web-enabled application that is easy to configure and modify, less expensive to operate, enhances the user experience, increases staff productivity, and is available to other agencies that wish to use it.

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#### *Projects to Benefit: Trial Court (TRC)*

MassCourts - Statewide - \$1,399,150 TRC001  
The multi-year MassCourts project is providing an integrated statewide case management system to Massachusetts that will handle case initiation, case disposition and post adjudication requirements. The system will also allow the standardization of common business processes across the various departments and offices and support automated case filing and document management services to the public and registered users (attorneys, judges, agencies). MassCourts will also be capable of accommodating future interfaces with external agencies with which the Trial Court does business. The resulting system will replace the legacy and interim applications in place in the Trial Court and is intended to be a fully functional, uniform statewide application.

*Total Information Technology* 100,793,942



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## Public Safety

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### *Projects Managed by: Division of Capital Asset Management and Maintenance (DCAM)*

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#### *Projects to Benefit: Office of the Chief Medical Examiner (CME)*

Replacement Facilities For Chief Medical Examiner - Statewide - \$95,000 CME0903  
This funds the study phase for regional Medical Examiner facilities to replace antiquated leased facilities in Central mass (Worcester), and Western mass (Holyoke).

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#### *Projects to Benefit: Department of Fire Services (DFS)*

Massachusetts Firefighting Academy - Phase II Expansion - Stow - \$6,000,000 DFS991  
This funds the expansion of the academy by creating a new administration building, demolition of existing modular building, new roadways, new walkways, additional parking spaces, a new water line to a connection, and an on-site wastewater disposal system.

Western MA Fire Training Facility - Springfield - \$1,500,000 DFS0901  
This funds the study, design and construction to acquire and convert the existing Springfield Fire Department Training Center into the western MA site for Department of Fire Services.

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#### *Projects to Benefit: Office of the Secretary of Public Safety and Security (EPS)*

Building Security Improvements - Department of Public Safety, Statewide - EPS0401  
Statewide - \$700,000  
This funds security improvements at various Dept. of Public Safety facilities as part of Homeland Security and includes security upgrades to Barracks at Concord, Danvers, Holden, Middleboro, Northampton, S. Boston & Shelburne Falls.

Improvements for State Police Master plan - Statewide - \$475,000 POLTBD2  
A program for major projects identified in the Master Plan process as priorities to be studied, designed and constructed to address major program needs for the MA State police.

Methuen National Guard Readiness Center - Methuen - \$800,000 MIL0303  
This funds the completion of a new Massachusetts National Guard Readiness Center including; locker rooms; kitchen; elevator; loading docks; & storage vaults at a 5.5 acre site, located in Methuen.

State Police Master Plan - Statewide - \$152,000 POL0901  
This funds a master plan for facility condition assessment and development of a strategic analysis to identify capital priorities needs. The study will include feasibility of consolidation and potential disposition of some existing properties.

Various Construction Contract Settlements - Statewide - \$400,000 EPS\_\_001  
This funds the outstanding payments for bills due of DCAM's previous work at public safety facilities.

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#### *Projects to Benefit: Military Division (MIL)*

National Guard Readiness Center - New Facility - Natick - \$300,000  
This funds a new facility for the National Guard Readiness Center in Natick. This project will be partially federally funded, but managed by DCAM in collaboration with the National Guard.




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**Public Safety**

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*Projects Managed by: **Division of Capital Asset Management and Maintenance (DCAM)***

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*Projects to Benefit: **Essex Sheriff's Department (SDE)***

Essex County Regional Emergency Communication Center - Middleton - \$500,000  
 This funds the initial planning for a future Essex County Regional Emergency Communication Center.

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*Projects to Benefit: **Plymouth Sheriff's Department (SDP)***

Plymouth County Regional Emergency Communication Center Study - Plymouth - \$100,000  
 This funds the initial planning for a future Regional Emergency Communication Center in Plymouth County.

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*Projects Managed by: **Executive Office of Public Safety (EOPS)***

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*Projects to Benefit: **Office of the Secretary of Public Safety and Security (EPS)***

Cruiser replacement - Statewide - \$5,000,000 MO01  
 This program funds the ongoing cost for the replacement of high mileage State Police vehicles.

Mobile data terminal replacement - Statewide - \$1,500,000 CO01  
 This program will fund the ongoing cost for the purchase and installation of laptop, printers, scanners, and mounting brackets into new State Police vehicles.

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*Projects Managed by: **Information Technology Division (ITD )***

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*Projects to Benefit: **Office of the Secretary of Public Safety and Security (EPS)***

State Police 800 Mhz Radio Project - Western Massachusetts - \$15,796,492 POL020  
 This funds the final phases of expansion of a state-of-the art digital wireless public safety radio network in western Massachusetts, designed to be compatible with the existing radio infrastructure statewide.

*Total Public Safety*      33,318,492



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## State Office Buildings and Facilities

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### *Projects Managed by: Division of Capital Asset Management and Maintenance (DCAM)*

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#### *Projects to Benefit: Office of the Secretary of Administration and Finance (ANF)*

Rooftop HVAC Unit Replacements at MA Information Technology Center - Chelsea  
- \$855,000

This funds the replacement of either rooftop HVAC units at MITC.

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#### *Projects to Benefit: Bureau of State Office Buildings (BSB)*

Executive Office of Labor and Workforce Development renovations - Brockton - EOLWTBD  
\$475,000

This funds ADA improvements and other HVAC repairs.

Life Safety Improvements at Hurley Building - Boston - \$760,000 BSB0901

This funds the installation of an updated fire alarm system at the Hurley building.

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#### *Projects to Benefit: Division of Capital Asset Management and Maintenance (DCP)*

DCAM Project Operations - Statewide - \$14,000,000 DCP\_\_002  
This program funds the ongoing costs of the Division of Capital Asset Management and Maintenance to carry out its capital programs.

Elevator Modernization - McCormack State Office Bldg - Boston - \$3,000,000 DCP0607  
This funds the design and construction to modernize the elevators and escalators in the McCormack state office building.

Elevator Modernization - Transportation Office Bldg - Boston - \$970,000 G0801  
This funds the design and construction to modernize the twelve elevators in the state transportation building.

Energy Conservation Retrofits and Renewable Energy at State Facilities - Statewide DCP\_\_003  
- \$2,000,000  
This program funds several components of Executive Order 484 – Clean Energy and Efficient Buildings. This will identify and implement low-cost and no cost energy conservation measures at state facilities.

Life Safety & Fire Alarm Improvements at State House - Boston - \$2,375,000 BSB0902  
This funds emergency life safety and fire alarm improvements at the State House as identified in a recent master plan.

Maintenance Transfers Total - Statewide - \$32,103,385 DCP\_\_004  
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 through the development of comprehensive and cost-effective maintenance and management strategies.

Roof and Exterior Repairs - State House - Boston - \$9,000,000 G0502  
This funds the repair and replacement of multiple roof conditions at the State House to address water infiltration problems.

Rutland State Hospital - Roadway Construction - Rutland - \$950,000 PLAN0167  
This funds the construction of a roadway to improve/replace the existing main driveway area off of Main Street at the former state hospital site.

Various Construction Contract Settlements - Statewide - \$350,000 DCP\_\_001  
This funds the outstanding payments for bills due of DCAM's previous work at ANF facilities.





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## State Office Buildings and Facilities

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*Projects Managed by:* **Division of Capital Asset Management and Maintenance (DCAM)**

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*Projects to Benefit:* **Department of Transportation (DOT)**

Transportation Building Fire Alarm Restoration - Boston - \$2,000,000 DCP0915  
This funds urgent, life-safety repairs and restoration to the fire alarm system at the MA Transportation building in Boston.

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*Projects to Benefit:* **Department of Workforce Development (EOL)**

DWD Brockton - Envelope - Repair - Brockton - \$47,500 DWDTBD  
The Division of Workforce Development has a small facility in Brockton that has significant building envelope improvements needs. The study will identify the program, scope of construction, cost and implementation for the needed envelope repairs.

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*Projects to Benefit:* **Information Technology Division (ITD)**

Second Data Center - Springfield - \$33,183,347 ITD\_\_001  
This funds the Second Data Center project, which entered the construction phase in 2010. The new facility will provide expansion capacity as well as redundancy for statewide information technology needs.

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*Projects Managed by:* **Office of the Secretary of Administration and Finance (EOAF)**

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*Projects to Benefit:* **Office of the Secretary of Administration and Finance (ANF)**

Reasonable Accommodation Capital Reserve Account - Statewide - \$150,000 CAPACC2010  
This will fund necessary assets and improvements as identified through the Access and Opportunity initiative at the Executive Office for Administration and Finance.

*Total State Office Buildings and Facilities* 102,219,232



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## Transportation

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### *Projects Managed by: Office of the Secretary of Environmental Affairs (EOEA)*

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#### *Projects to Benefit: Department of Conservation and Recreation (DCR)*

- DCR Parkway Maintenance - Statewide - \$8,000,000 DCR2009801  
This funds the ongoing maintenance efforts for the parkways under the control of DCR.
- DCR Parkway Reconstruction - Statewide - \$10,000,000 DCR2009807  
This funds the construction and significant renovations of parkways under the control of DCR.
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### *Projects Managed by: Office of the Secretary of Transportation (EOTC)*

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#### *Projects to Benefit: Department of Transportation (DOT)*

- Accelerated Bridge Program - MassDOT - Statewide - \$293,738,587 PLAN0303  
This funds the accelerated bridge program to fast-track the repair bridges across the Commonwealth that are currently structurally deficient, or will become structurally deficient during the next eight years.
- ARRA - Federal Transit - Statewide - \$8,252,140 PLAN0325  
This ARRA program funds federal transit awards for projects at the Massachusetts Department of Transportation.
- ARRA - Highway Infrastructure Investments - Statewide - \$142,762,367 DOT\_\_015  
This ARRA program funds restoration, repair, construction and other activities under the Surface Transportation Program.
- Beverly Commuter Rail Station Parking Garage - Beverly - \$4,000,000 TPBEVERLY  
This funds the creation of a new parking garage at the Beverly commuter rail station, as part of the state's initiative to increase parking capacity at transit stations.
- Intermodal Transportation - Statewide - \$2,000,000 DOT\_\_002  
This program funds the ongoing cost for improvement grants to Regional Transit Authorities (RTAs) for planning, design and construction of Intermodal transportation centers. These grants are a 20% match leveraging 80% federal funds for these projects, which are developed to provide convenient links between travel modes – local and intercity bus, commuter rail, Amtrak, water and air services, bicycles and pedestrians in combinations appropriate at the particular geographic location. These projects not only create or restore vital transportation services but also provide significant local economic benefits.
- MassDOT - Equipment and Facilities - Statewide - \$596,174 DOT\_\_014  
This funds computer and security equipment at transportation facilities, as directed by the Massachusetts Department of Transportation.
- MassDOT - Highway Division Project Operations - Statewide - \$203,859,565 PLAN0332  
This program funds the ongoing costs of the Highway Division at MassDOT to carry out transportation capital projects.
- MassDOT - Highway Division Utility Agreements - Statewide - \$17,000,000 PLAN0331  
This funds the utility agreement costs associated with transportation construction projects.
- MassDOT - Mass Transit Planning - Statewide - \$1,000,000 PLAN0059  
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 - Massachusetts Aeronautics Division - Statewide - \$53,767,869 DOT\_\_007  
This program funds the capital program at the Massachusetts Aeronautics Division of MassDOT for grants to public use airports for airport development and improvements, aviation safety, aircraft accident investigation, navigational aids and



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## Transportation

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### *Projects Managed by: Office of the Secretary of Transportation (EOTC)*

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#### *Projects to Benefit: Department of Transportation (DOT)*

statewide aviation planning.

MassDOT - Office of Planning and Programming - Statewide - \$69,374,782 PLAN0333

This program funds the ongoing costs of the Office of Planning and Programming at MassDOT to carry out transportation capital projects.

Mobility Assistance Program - Statewide - \$1,500,000 DOT\_\_003

This program assists Regional Transit Authorities (RTAs), Councils on Aging (COAs), and municipal organizations. MAP funds are used to purchase vehicles (vans and mini-buses) and related equipment for provision of transportation services specifically for the elderly, persons with disabilities, and others on a seats-available basis. These services are provided to individuals for whom existing public and/or private mass transit is unavailable, insufficient, or inappropriate.

Rail Transportation - Statewide - \$1,500,000 DOT\_\_004

This program funds the ongoing cost for grants to municipalities and other public entities for projects that preserve or upgrade rail infrastructure. Eligible projects include right-of-way acquisition, construction of public intermodal freight facilities and safety improvements. Funds can also be utilized for technology development or to perform feasibility studies for new or expanded rail services and facilities.

Regional Transit Authority Capital Assistance - Statewide - \$6,000,000 DOT\_\_005

This program funds the ongoing cost to acquire and maintain transit vehicles for the Commonwealth's fifteen regional transit authorities. This program also provides support for other equipment and facility needs.

Salem Commuter Rail Station Improvements - Salem - \$2,000,000 PLAN0319

This funds the creation of a new parking garage at the Salem commuter rail station, as part of the state's initiative to increase parking capacity at transit stations.

SIP - Fairmount Commuter Rail Improvements - Greater Boston - \$39,713,569 DOT\_\_008

This project funds improvements to the Fairmount commuter rail line in Boston as required under the 2006 State Implementation Plan settlement agreement.

SIP - Green Line Subway Extension - Greater Boston - \$31,000,000 DOT\_\_009

This project funds the extension of the Green subway line as required under the 2006 State Implementation Plan settlement agreement.

SIP - Red-Blue Subway Line Connector Study - Boston - \$4,000,000 DOT\_\_010

This project funds a study on the possible connection of the Red and Blue subway lines in Boston, as required under the 2006 State Implementation Plan settlement agreement.

Statewide Road and Bridge (NFA) Maintenance - Statewide - \$95,000,000 PLAN0150

This funds the ongoing maintenance efforts for the roads and bridges controlled by MassDOT.

Statewide Road and Bridge Program (NFA) Construction - Statewide - \$7,924,000 DOT\_\_013

This program funds transportation projects that are not eligible for reimbursement by the federal government.

Statewide Road and Bridge Program Federally Assisted Construction (FA) - DOT\_\_011

Interstate - Statewide - \$109,360,849

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 reimbursement by the federal government.



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## Transportation

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### *Projects Managed by: Office of the Secretary of Transportation (EOTC)*

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#### *Projects to Benefit: Department of Transportation (DOT)*

Statewide Road and Bridge Program Federally Assisted Construction (FA) - Non Interstate - Statewide - \$628,799,563 DOT\_\_012

This program funds the Commonwealth's share for federally assisted transportation projects on Non-Interstate roads and bridges. These projects receive over 70% of the costs reimbursement by the federal government.

Water Transportation - Statewide - \$900,000 DOT\_\_006

This program funds planning, design, and construction of water transportation infrastructure. Eligible projects consist chiefly of new or expanded commuter-based transportation and accessibility improvements. Pier expansion projects (Provincetown and New Bedford), accessibility improvements (Salem and Hull), and berth dredging (Boston) have received funding through this Program. MassDOT has sponsored studies to investigate the viability of new routes and to develop watershed management plans. MassDOT also coordinates water transportation policy among other agencies and represents the Secretary at key regional transportation initiatives.

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#### *Projects to Benefit: Highway Department (DPW)*

South Coast Rail - Southeastern Mass - \$20,465,472 DPW\_\_001

This project funds the expansion of commuter rail line from Boston to the South Coast of the Commonwealth. State capital funds are paying for planning and permitting costs and federal stimulus funds through the TIGER grant program will be used to replace the deteriorating railroad bridges along the route.

*Total Transportation 1,762,514,937*

*Capital Budget Grand Total 3,423,294,138*