

# Commonwealth of Massachusetts

## FY2012-2016 Five-Year Capital Investment Plan

November 2011

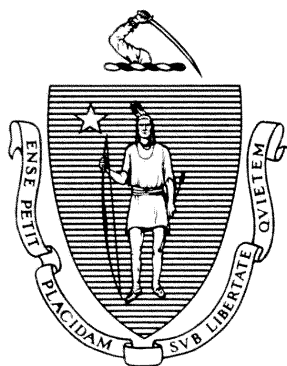
Deval L. Patrick, Governor  
Timothy P. Murray, Lt. Governor  
Jay Gonzalez, Secretary of Administration & Finance





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## Preface

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On January 6, 2011, in his second inaugural address, Governor Patrick stated his and Lieutenant Governor Murray's priorities for their second term. Their top priority has been and will continue to be to create jobs and improve the economy. The key strategies pursued by this Administration in furtherance of this goal are: 1) investing in public education, 2) supporting our innovation industries, 3) and strengthening our infrastructure

The Patrick-Murray Administration FY 2012 Capital Investment Plan funds these strategies to create jobs and economic growth. By investing in the Commonwealth's public assets – our roads and bridges; classrooms and academic buildings, and public housing -- and investing in industries of the future such as clean and renewable energy and life sciences, we create thousands of jobs now, and set the stage for future economic growth.

Massachusetts is emerging from the worst global economic recession since the Great Depression stronger and faster than most other states. This is in part a result of the Patrick-Murray Administration's commitment to reverse decades of neglect of our capital assets. For the past four years, the Administration has made lasting improvements through responsible, targeted investments that will ensure we emerge from the economic downturn stronger than before.

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 2012-2016. This plan is built on the foundation of the Administration's work with the Legislature over the past four 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 four plans. In large part, the investments included in this fiscal year 2012-2016 plan continue projects launched in prior years or commence projects anticipated by the prior years' five-year plans.



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

This capital investment plan is fiscally responsible. Four 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 viewed 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.

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 university 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.



## Introduction

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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, primarily to reimburse transportation infrastructure improvements; from fiscal year 2009 through 2012 the American Recovery and Reinvestment Act of 2009 ("ARRA") provided federal funds which were 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 of these entities include the Massachusetts Bay Transit Authority, the Massachusetts Housing Finance Authority, and the Massachusetts School Building Authority. Because these entities carry out their own capital projects and are solely responsible for financing them from their own funding sources, the capital investments made by these entities are not included in the state's capital investment plan. In addition, certain equipment purchases and information technology projects funded by state agencies through their operating budgets are not reflected in the capital investment plan.



## Administration Accomplishments and Initiatives

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

- *Unprecedented Commitment to Capital Investments* – From fiscal year 2008 through fiscal year 2012, the Patrick-Murray Administration will have made over \$13 billion in capital investments into the Massachusetts economy.
  - Fiscal year 2012 capital spending will be nearly \$3.4 billion – *twice* the amount of state capital investments in fiscal year 2007, when the Administration took office.
  - \$2.4 billion or 70% of the total fiscal year 2012 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, local government grant programs, 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 fifth 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. At this point, some of the bond authorization has been exhausted and the Administration will be seeking additional authorization over the next year. 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 courthouses in Taunton, Salem and Fall River,





the correctional facilities master plan, the Green Line Extension 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 is repairing 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 well underway and is discussed in more detail in the Transportation section of this report.
- *State Facility Maintenance* - The Administration has taken steps to improve maintenance 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 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. 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".
- *Clean Energy Investment Program* – In January 2010, the Governor created the Clean Energy Investment Program as a means to affordably finance energy efficiency and renewable energy improvements to state facilities – such investments being crucial to achieving the goals of Executive Order 484.
- *Innovative Financing Initiatives* – In addition to the Clean Energy Investment Program mentioned above, the Administration has pursued various other financing initiatives to more effectively leverage state resources to fund more capital project needs. These initiatives include: increased allocation of private activity bond volume cap to multi-family affordable housing projects to leverage related federal tax credits to fund millions of dollars of affordable housing projects, including improvements to our public housing supply; "I-Cubed" legislation to finance infrastructure improvements needed to support new private development with the new state tax revenues generated from the development; and the financing of the East-West Parkway project at the former South Weymouth Naval Air Base from new state tax revenues to be generated from private development at the base.
- *Oversight and More Transparency through 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. In furtherance of promoting transparency, accountability and best practices, the Board has adopted regulations with respect to debt issuance and derivative transactions. In the context of the turmoil in the financial markets since 2008, this oversight is critical to ensure public confidence in the sound management of public funds.

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

### **American Recovery and Reinvestment Act of 2009 (ARRA)**

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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 received targeted ARRA funds for infrastructure investments which supplemented the Commonwealth's fiscal years 2009 through 2012 capital budgets. Committed ARRA capital program funds for the Commonwealth included:

- Housing-related ARRA funds to clean up properties in troubled neighborhoods, help create new affordable housing, make our homes more energy-efficient, and support community development projects. Massachusetts received commitments 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 \$378.3 million of ARRA funds over four years for road and bridge projects and \$59.6 million of ARRA funds for 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 managed \$55 million of ARRA funds under the State Energy Program.



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- 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 was 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. State capital bond funds will be providing \$26.2 million in matching funds, bringing the total investment in the project to \$71.6 million.

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 created robust programs under the Recovery Zone Bonds, Clean Renewable Energy Bonds, Qualified School Construction Bonds, and Qualified Energy Conservation Bonds programs and selectively used such programs when they provided a clear economic advantage over traditional tax-exempt bond financings.

### **Development of the FY12-16 Capital Investment Plan**

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The FY12-16 Capital Investment Plan represents the fifth five-year plan since the Patrick-Murray Administration took office. As with the prior plans, the Administration engaged in a diligent, fiscally responsible, and comprehensive process for developing this five-year capital investment plan. One common challenge shared by each of the previous five-year plans is the fact that demand for capital improvements far exceeds affordable funding capacity. The inevitable consequence is that many worthy projects will not receive funding.

By all accounts, Massachusetts economy is recovering faster and stronger than most other states, as reflected in the recent bond rating upgrade to AA+ by Standard & Poor's. Nevertheless, this year's capital plan is constrained 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.

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 FY12-16 capital investment plan is attached as Appendix A.



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A full 90 percent of the bond-funded fiscal year 2011 capital budget is needed to fund previously-made commitments, including ongoing construction contracts, investments needed to leverage federal funds, legal commitments and personnel needed to carry out capital programs. This high level of commitments leaves limited budget capacity to start new projects in fiscal year 2012.

The entire fiscal year 2012 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 FY12-16 capital investment plan are provided in the discussions of investment categories below.

### **Affordability and Fiscal Responsibility**

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Because the capital program is funded primarily through bond proceeds, the total size of the capital program is determined primarily by the amount of debt the Commonwealth can afford to issue. Annually, the Executive Office for Administration and Finance (A&F) has established what is known as the “bond cap” as an administrative guideline for annual bond issuance in support of the capital program. For the fifth consecutive year, the Patrick-Murray Administration engaged in a rigorous analysis of the state’s outstanding debt to determine the affordable level of bond issuance. Based on this analysis, the Administration has established the fiscal year 2012 bond cap at \$1.75 billion, \$1.875 billion for fiscal year 2013, \$2.0 billion for fiscal year 2014, \$2.125 billion for fiscal year 2015 and \$2.250 billion for fiscal year 2016. A complete description of the Administration’s debt affordability analysis and policy is attached as Appendix A.

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

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

Based on this analytic approach, A&F has projected the Commonwealth will have the capacity to accommodate steady increases in the bond cap over the next four years – albeit at lower base levels than planned prior to the recession – while maintaining the



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percentage of the Commonwealth's budgeted revenues needed to pay debt service during that period comfortably below 8%.

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

### **Aggregate FY12-16 Capital Investment Plan**

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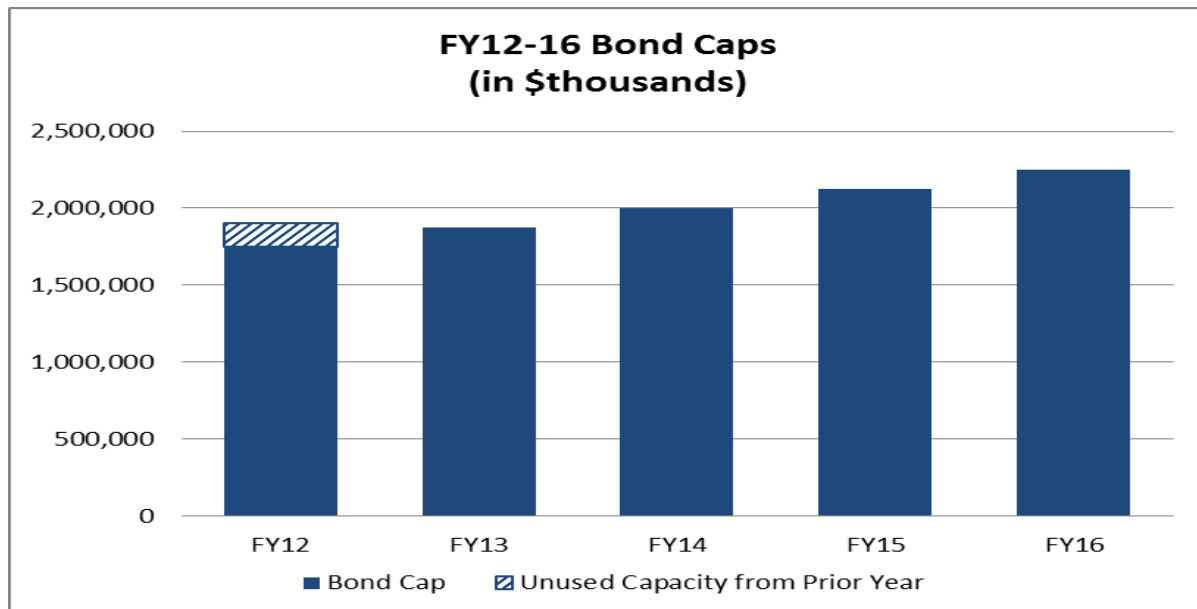
The full five-year capital investment plan by major investment categories is presented below. All specific projects and programs expected to be funded in fiscal year 2012 are identified in Appendix C, and descriptions of all of these projects and programs are included in Appendix D. It should be noted that many of the projects funded in fiscal year 2012 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 2012 includes \$148 million in unused capacity from the prior fiscal year.



FY12-16 Capital Investment Plan Total Bond Cap (in \$thousands)							
	FY12	FY13	FY14	FY15	FY16	5-Year Total	% of 5-Year Total
Community Investments	275,339	256,706	273,576	266,038	264,926	1,336,585	13%
Corrections	28,456	48,323	74,450	80,900	88,000	320,129	3%
Courts	31,513	44,774	66,500	114,300	90,550	347,637	3%
Economic Development	120,630	128,810	134,340	138,500	138,500	660,780	7%
Energy and Environment	138,005	125,851	102,924	92,819	92,600	552,198	5%
Health and Human Services	99,926	60,284	63,473	65,278	68,345	357,305	4%
Higher Education	205,911	208,400	255,300	275,500	286,100	1,231,211	12%
Housing	168,500	169,500	172,500	177,500	177,500	865,500	9%
Information Technology	125,034	88,507	77,963	80,123	83,748	455,375	4%
Public Safety	21,078	24,431	40,500	42,200	49,100	177,310	2%
State Office Buildings	112,599	70,950	65,950	47,150	52,000	348,649	3%
Transportation	571,174	648,464	672,524	744,693	858,631	3,495,486	34%
<b>Total Bond Cap</b>	<b>1,898,165</b>	<b>1,875,000</b>	<b>2,000,000</b>	<b>2,125,000</b>	<b>2,250,000</b>	<b>10,148,165</b>	





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

The following table and chart 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.

FY12-16 Capital Investment Plan All Sources of Funding (in \$thousands)							
	FY12	FY13	FY14	FY15	FY16	5-Year Total	% of 5-Year Total
Community Investments	313,339	292,706	309,576	302,038	300,926	1,518,585	9%
Corrections	28,456	48,323	74,450	80,900	88,000	320,129	2%
Courts	31,513	44,774	78,574	122,974	99,224	377,058	2%
Economic Development	248,218	189,103	184,340	188,500	188,500	998,662	6%
Energy and Environment	203,774	190,936	180,674	195,569	195,350	966,302	6%
Health and Human Services	144,999	132,385	136,162	130,559	106,315	650,421	4%
Higher Education	280,127	240,150	294,782	290,500	296,100	1,401,659	8%
Housing	240,716	169,500	172,500	177,500	177,500	937,716	5%
Information Technology	125,034	100,000	100,000	100,000	100,000	525,034	3%
Public Safety	39,275	38,730	52,359	46,163	49,100	225,627	1%
State Office Buildings	112,599	70,950	65,950	47,150	52,000	348,649	2%
Transportation	1,610,243	1,824,328	1,913,809	1,842,873	1,890,406	9,081,658	52%
<b>Total All Sources</b>	<b>3,378,293</b>	<b>3,341,885</b>	<b>3,563,176</b>	<b>3,524,725</b>	<b>3,543,420</b>	<b>17,351,499</b>	

### Description of Sources of Funds

- *Bond Cap* – Commonwealth borrowing to support the regular capital program
- *Federal* – federal reimbursements for capital expenditures
- *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
- *Pay-As-You-Go* - funding from current revenue for capital projects.
- *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 (CEIP)* – self-supporting Commonwealth general obligation bonds payable with savings to be achieved as a result of energy efficiencies



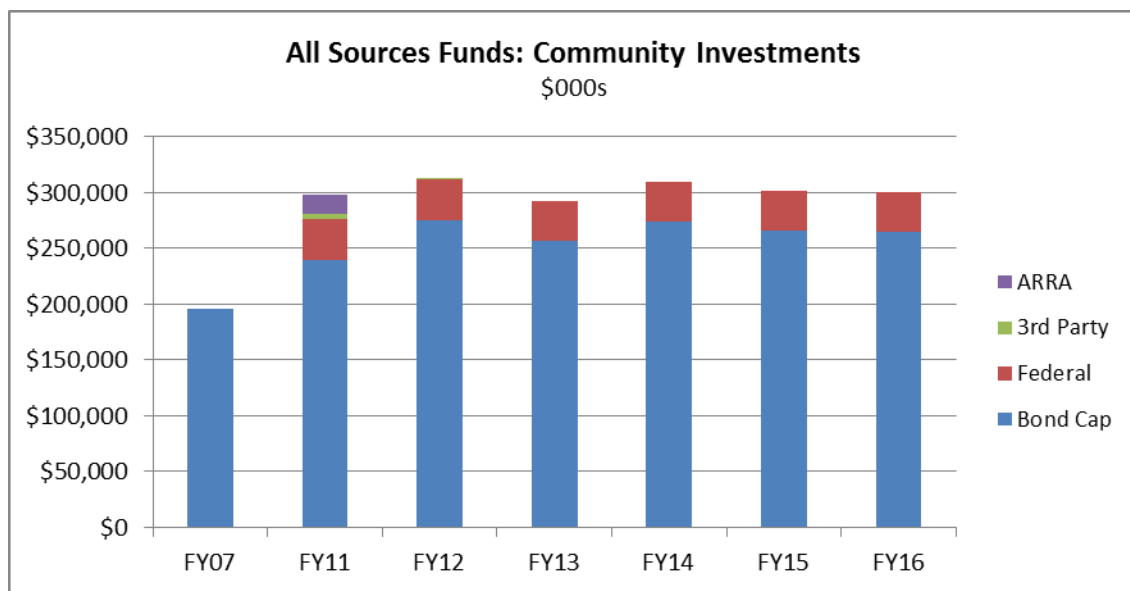
## Capital Investments by Investment Category

The five-year capital investment plan for each investment category is presented below with highlights of fiscal year 2012 investments.

### *Community Investments*

The Patrick-Murray Administration is committed to partnering with Massachusetts cities and towns to improve infrastructure, promote economic growth, and make Massachusetts a convenient and attractive place to do business. The Administration is also committed to supporting municipal grant programs that make important local investments in public safety, affordable housing, smart growth development strategies, and energy efficiency.

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



### FY12 Highlights

- \$200 million funding level for Chapter 90 municipal road and bridge projects, a \$45 million increase from FY11 and an \$80 million increase over the annual funding level when the Patrick-Murray Administration took office.
- \$5 Million to support the Cultural Facilities Fund, for improvements and renovations of community-based cultural organizations across the state.
- \$2.4 million for 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

- \$10 million for Library Construction Grants to match municipal and private contributions for the construction of new municipal libraries.
- \$11 million for waterfront infrastructure projects approved by the Seaport Council, an increase of \$3 million from FY11. These funds will be used to improve port facilities state-wide.
- Through the state's investment of \$13 million, the Water Pollution Abatement Trust will access federal funds and bond funds to provide \$400 million of investment in local water infrastructure.
- \$1 million for the Town of Ware, to provide matching funds for a \$5 million federal grant to rebuild their aging fire station.
- Funding for the Boston Public Market, which will convert a vacant state building adjacent to the Rose Kennedy Greenway into a public market to offer a variety of local and culturally significant food products.
- Beginning in FY13, this budget will provide \$5.6 million toward a public/private partnership to construct a \$15.8 million ice rink and recreation center at Jackson Square in the Jamaica Plain neighborhood of Boston. This project is part of a \$104 million rehabilitation of the neighborhood. When completed, this facility will provide safe, supervised recreation for youths in Roxbury and Jamaica Plain, and will be operated by a private, nonprofit organization requiring no ongoing public subsidy.

### *Corrections*

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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 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

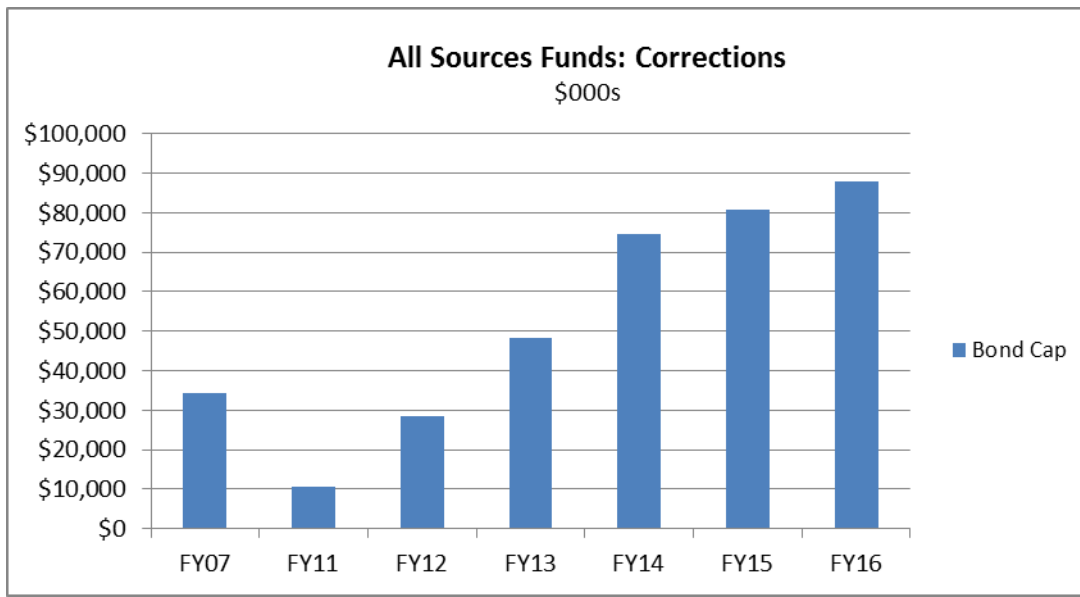
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investment resources be invested in a thoughtful and cost-effective manner to meet the programmatic demands and objectives of the entire correction system.

In fiscal year 2012, 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 FY12-16, as compared to projected fiscal year 2011 spending for correctional facilities.



### FY12 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 projects recommended by the Corrections Master Plan, including:
  - Western Massachusetts Women's Facility in Hampden County
  - Pre-release & Intake Center in Essex County
  - Department of Correction Medical & Mental Health Facility
  - Multi-Jurisdictional Correctional Facility
- Funding that will allow the relocation of inmates currently held at the Middlesex Sheriff facility located in the Sullivan Courthouse in Cambridge, which will allow the closing and redevelopment of that property.



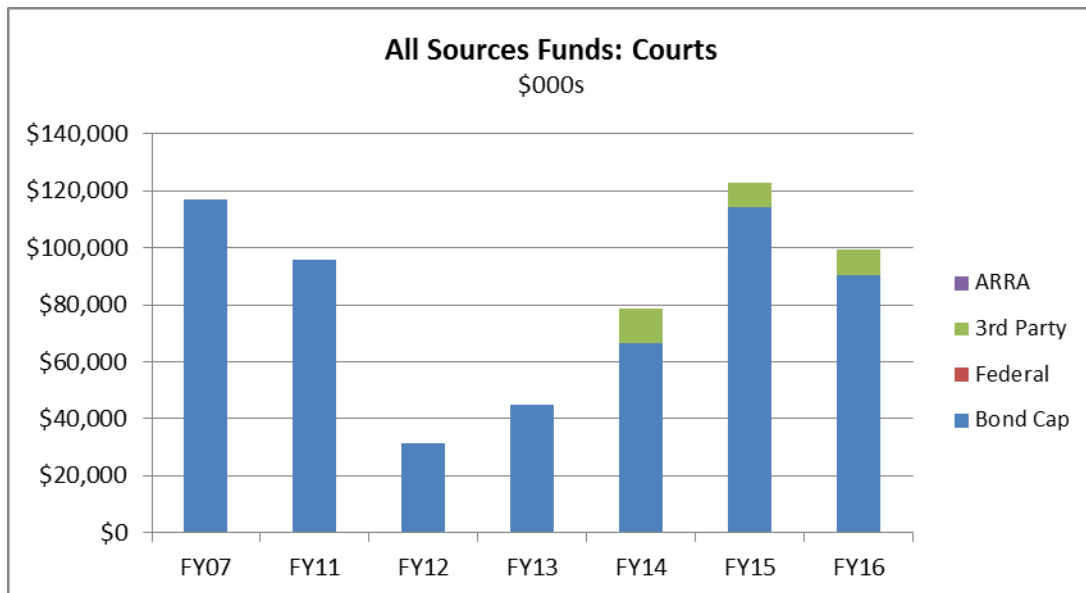
## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016

- Capital investments in FY12 are targeted to urgent repair needs, including the Suffolk County Jail building envelope, emergency repairs at Worcester County Jail, and \$2 million for improvements to inmate cells to prevent suicide based on the recommendations of the Hayes Report.

### Courts

The Commonwealth's judiciary operates 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. 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 fiscal year 2011 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.





### FY12 Highlights

- \$1 million to begin planning and design for the renovation of the Probate and Family Court in Salem. This renovation follows the completed construction of the new \$106 million J. Michael Ruane Judicial Center in Salem, which co-located four trial court departments in a new building in historic downtown Salem and incorporates an historic former church building as the law library.
- \$3.2 million to begin work 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.
- \$4.2 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.
- Continued funding to support the closure and redevelopment of the Edward J. Sullivan Courthouse property in Cambridge.
- 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

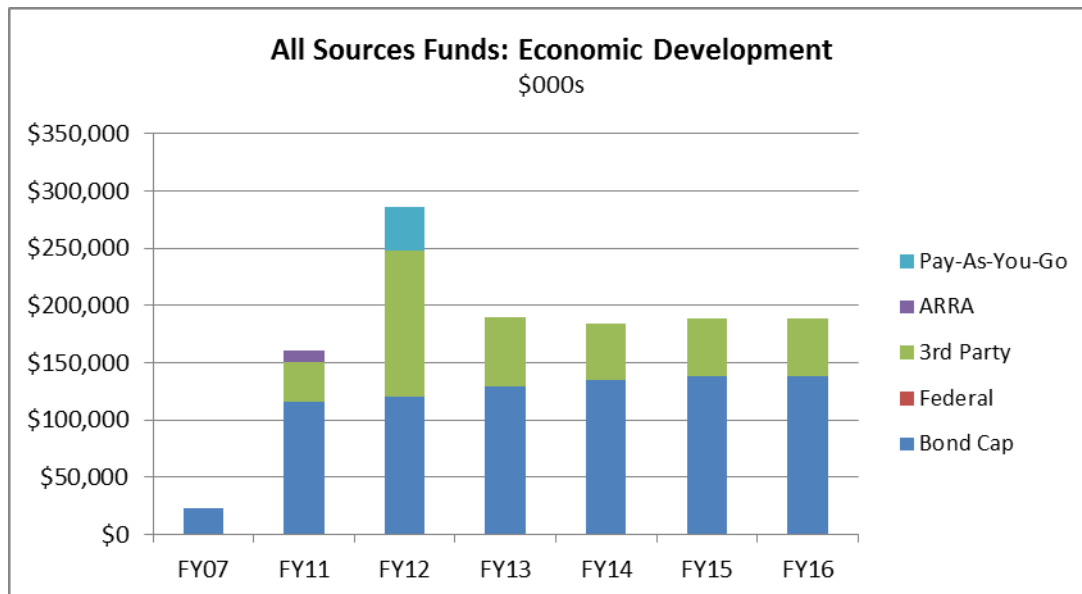
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The Massachusetts economy is the largest in New England, and having such a robust economy is important not only for the Commonwealth's own citizens, but also for the economic vitality of the region and the country. Although the Massachusetts economy 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 7.3% 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 2011 economic development-related spending.



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016



### FY12 Highlights

- For FY12, I-Cubed projects totaling \$60 million are underway at Assembly Square in Somerville and Fan Pier in Boston. These are expected to leverage \$1 Billion in private investment and create over 1,000 construction and 2,000 permanent jobs.
- \$29 million in state-supported bonds to fund infrastructure improvements for the redevelopment project at the former naval air force base in South Weymouth.
- \$21.8 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.
- \$44.7 million for the MassWorks Infrastructure Program, which provides 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 is led by the MassWorks infrastructure team within the Executive Office for Housing and Economic Development.

- \$44.7 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.
- \$37.9 million in pay-as-you-go local economic development projects through the Infrastructure Development Fund created by the Legislature this fall.

It should be noted that the capital investments reflected above in the Economic Development investment category include only the projects and programs in the FY12-16 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 create thousands of jobs in the Commonwealth.

### *Energy and Environment*

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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.

Since taking office nearly five years ago, the Patrick/Murray Administration has made an historic, \$230 million investment in land conservation. Focusing on three goals – investing in urban parks, preserving working farms and forests, and protecting large natural landscapes for habitat - EEA and its agencies have permanently protected more than 85,000 acres of land. This Administration has led a renaissance in land

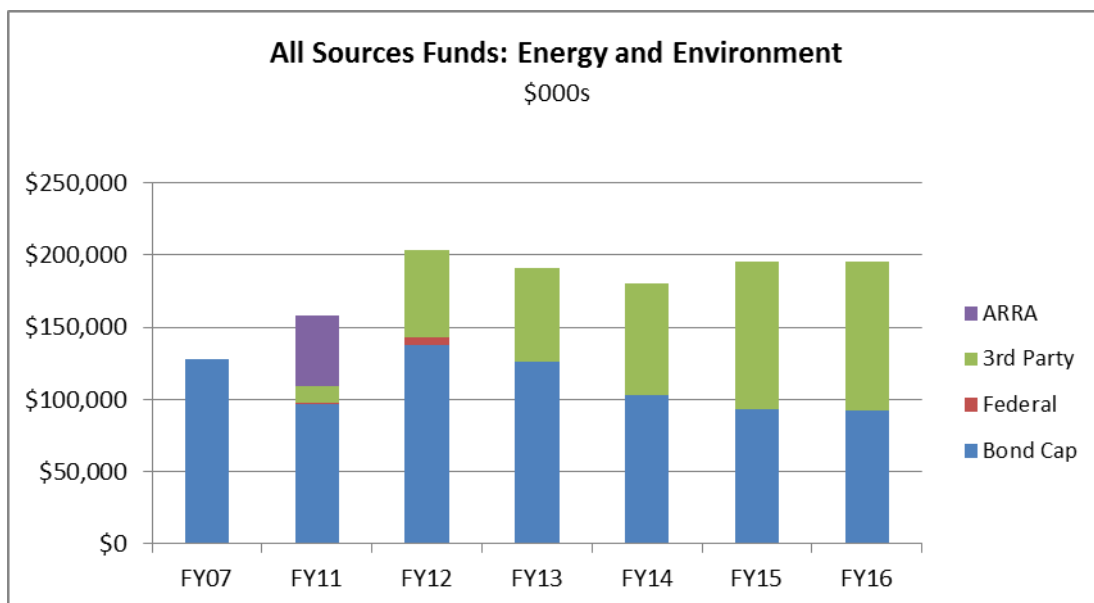


## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016

conservation and park creation by leveraging nearly \$200 million in additional, non-state funds and taking advantage of a down real estate market to maximize its investment.

While Massachusetts' economy is recovering stronger and faster than the rest of the nation's, too many people remain unemployed. This capital plan reorients certain areas of investment toward greater job creation. Included in this reorientation are certain programs for land and open space protection. Massachusetts will continue to be a national leader in land conservation and going forward, state investments will concentrate on partnerships that leverage outside resources and on acquisitions that contribute to rural and urban economies while advancing conservation values.

The Administration's FY12-16 capital investments in energy and the environment are shown on the following graph and compared to actual FY11 investments.



### FY12 Highlights

- Reorientation of priorities towards job-creating investments such as alternative energy development and construction of environmental facilities and parks in urban areas and Gateway Cities.
- \$29 million in FY12 for the development of the New Bedford Marine Commerce Terminal, a unique seaport facility which will provide a staging ground for the development of offshore wind and spur hundreds of jobs on the South Coast of the Commonwealth.
- \$2 million to begin design and construction of a headquarters building for the Division of Fisheries and Wildlife in Westboro. This will replace current outdated and overcrowded facilities, and will be the Commonwealth's first net zero energy building.



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016

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- \$13.7 million for parks in urban areas and Gateway Cities, a 12% increase from fiscal year 2012.
- \$25 million in fiscal year 2012 dedicated to open space protection. While this is a reduction from fiscal year 2011, accounts will be consolidated at the Executive Office of Energy and Environmental Affairs into two new accounts that will allow greater flexibility to invest dollars in the best projects to support the working farms and forests at the center of Massachusetts' rural economy, protect clean water and clean air, provide habitat for plants and wildlife, and ensure outdoor recreation opportunities for all.
- In January 2010, the Governor launched the Clean Energy Investment Program (CEIP) that uses general obligation bond funds to fund the installation of energy and water conservation measures in state facilities that yield sufficient annual budgetary savings to pay the associated debt service.
  - To-date, this program has funded projects at 101 state facilities. DCAM has a pipeline of approximately \$261 million for 74 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.

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.

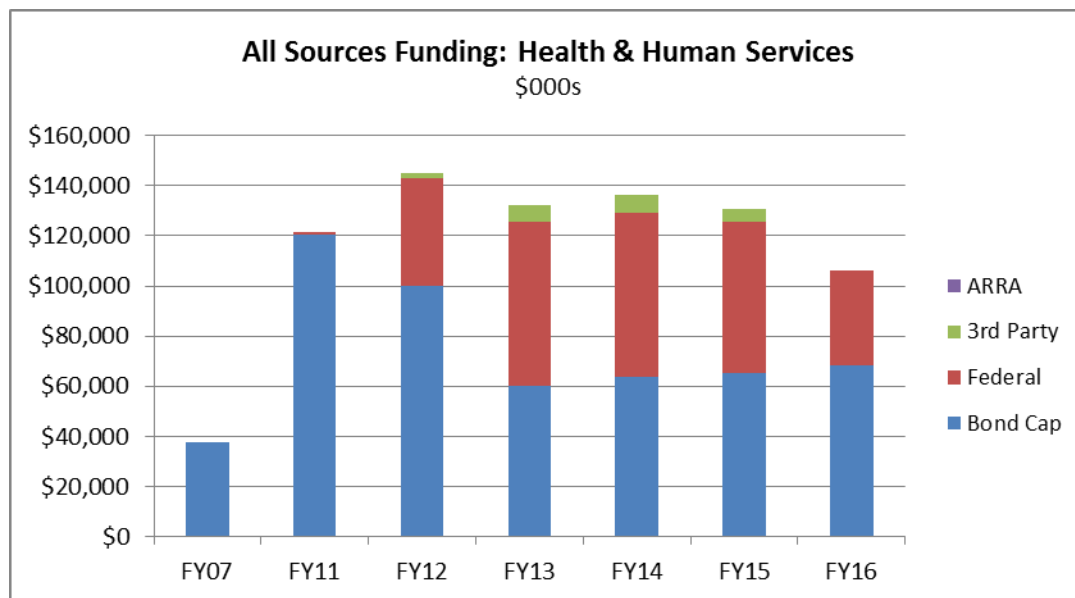




## Health and Human Services

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 more than half of the Commonwealth's operating budget in fiscal year 2012. 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 fiscal year 2011 spending is reflected in the chart below.



### FY12 Highlights

Investments in Health and Human services reflect the following priorities: 1) completion of construction of the new Worcester Mental Health Hospital, 2) improvement of HHS information technology and business systems in order to reduce the cost of healthcare, and 3) address the backlog of physical plant needs in the state's health and human service facilities. For FY12, the plan includes:

- \$65 million for construction 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



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016

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rehabilitation with a 260-bed adult hospital, a 30-bed adolescent inpatient facility and 30 adolescent intensive residential treatment beds. At its peak, more than 400 construction jobs will be created on this site.

- \$9.5 million, which will leverage \$28.8 million of federal funding, for improvements to Health and Human Services' information technology and business systems. These improvements will provide better case management, integrated means-testing, and electronic health records for Medicaid, and will result in lower health care costs.
- \$1.8 million to improvements to the Chelsea Soldiers' Home.
- Continued funding for demolition and environmental remediation at state facilities that may be redeveloped in the future, such as Wrentham, Medfield, and Fernald.
- \$13.8 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*

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A system of affordable, accessible higher education is necessary to the economic well-being of the Commonwealth, and is a cornerstone of the Patrick/Murray Administration's jobs agenda.

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, working with the Legislature, 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 2011 capital spending for higher education. The state's capital investment in higher education is increasing dramatically, and in fiscal year 2013 higher education investments will represent 13% 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



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016

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making spending on higher education 10% of bond cap spending within 5 years; in this capital plan we will reach that level in 2012, the 4<sup>th</sup> year of the higher education bond bill.

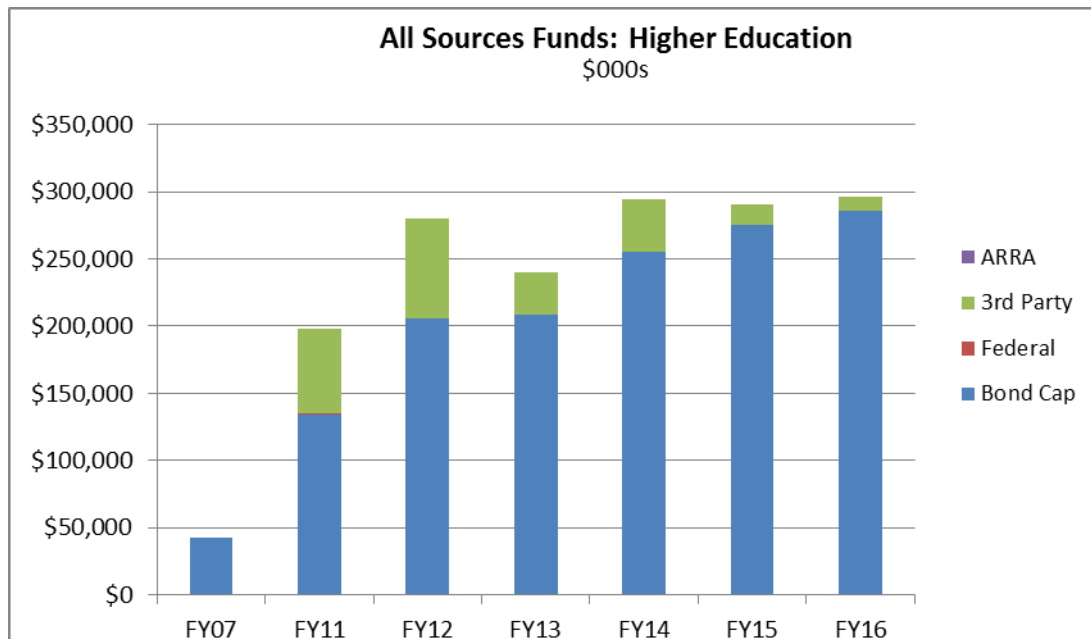
The Patrick-Murray Administration commitment to public higher education will exceed \$1.2 billion in the FY12-16 plan, a historic level of funding. Other important figures include:

- Bond cap spending for higher education will increase by 577% from FY07, when Governor Patrick took office, to FY16.
- As the higher education capital program continues to ramp-up, all-sources of spending for higher education will increase by 54% between FY11 and FY12.
- Construction is occurring at every UMass campus, improving higher education and creating construction jobs in every corner the Commonwealth.
- 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 of funding in every year of the five year plan; an historic level of investment for 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.



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016



### FY12 Highlights

- 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 of the Emerging Technology Center at UMass Lowell.
- 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.
- Construction of 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.
- Complete 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.



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016

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- 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.
- Begin construction of the \$30 million project at Massachusetts College of Art and Design for the Center for Design Innovation.
- Complete the \$2.9 million building stabilization project at Springfield Community College.
- Start construction on \$57.2 million project to renovate and add to the Condiike Science Building at Fitchburg State University.
- Continue construction of the \$74.1 million project to build a new library and learning commons at Salem State University.
- Study and design work for projects at Worcester State University, and Bristol, Middlesex, Northern Essex, and Quinsigamond Community Colleges for projects to begin construction beyond FY12.

### *Housing*

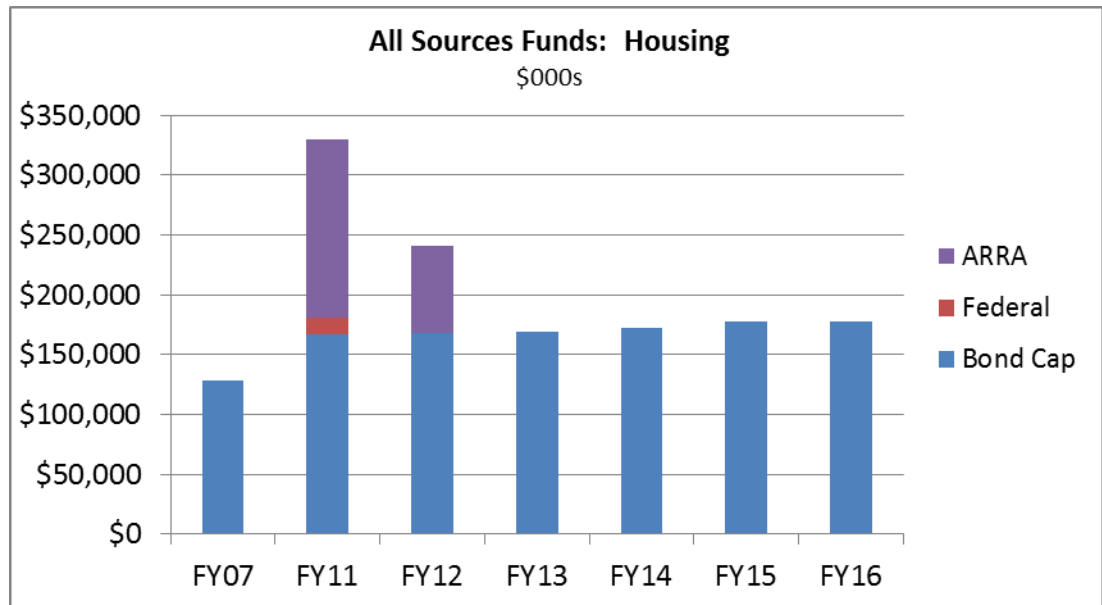
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State spending for housing in Massachusetts includes state-supported public housing, private affordable housing development, and rental voucher programs. The Commonwealth's state-supported public housing is a unique and valuable resource, consisting 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 the Patrick/Murray Administration, resulting in an inherited backlog of expired building systems and significant components that 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.



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016

The following graph reflects the Administration's estimated capital investment in affordable housing over the next five years, as compared to projected fiscal year 2011 affordable housing-related capital spending.



### FY12 Highlights

- \$90 million (including \$5 million through the Affordable Housing Trust Fund) for improvements to 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.
- \$78.5 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.
- \$8 million for the Housing Innovations Fund, an increase of \$2 million from FY11, to support the production of "innovative and alternative" forms of rental housing, including single person occupancy units, transitional and permanent housing for homeless people, battered women's shelters, supportive housing for seniors and veterans, and housing for substance abuse recovery.



### *Information Technology*

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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 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.

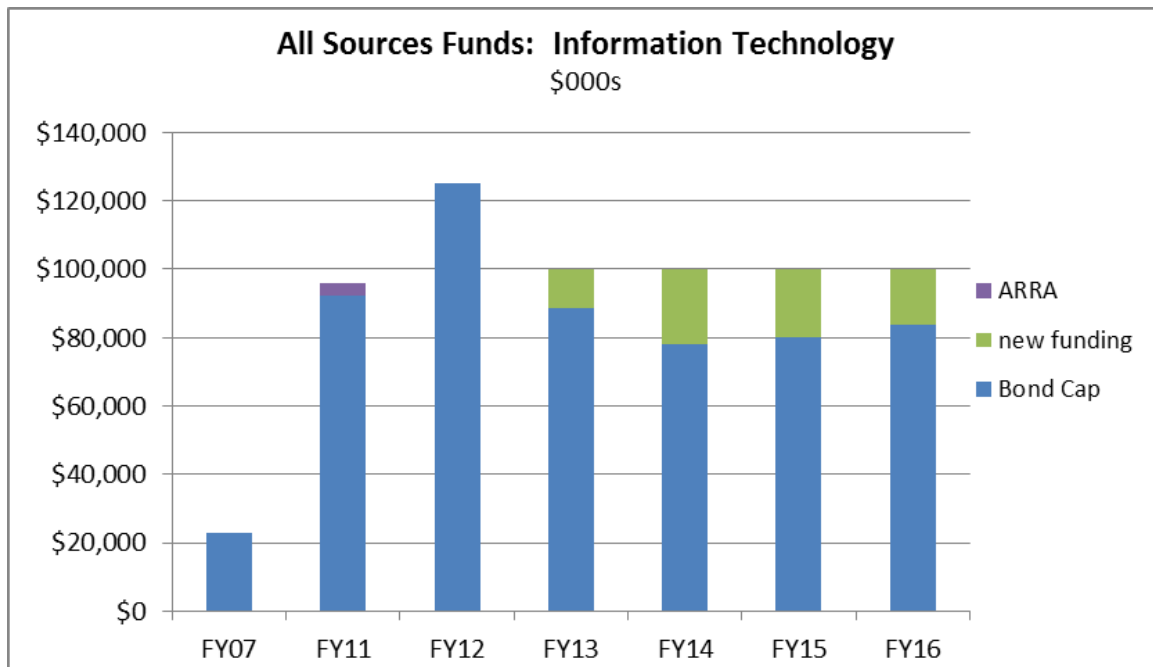
This Administration is committed to modernizing the Commonwealth's information technology infrastructure and changing the way government does business. This capital plan makes significant investments to major enterprise information systems, advance the strategic goal of consolidating statewide information technology to promote efficiency, effectiveness and security, and implement shared IT solutions to improve the operations of state government and provide better services and more transparency to citizens, businesses and others.

For FY12, we have sharply increased spending on IT, funded from unspent capital funds from FY11. For FY13 and beyond, we are in the process of developing a sustainable funding model for information technology investment that we will propose in the Fiscal Year 2013 Governor's Budget Recommendation. Funding from this new program is shown in the chart below as "new funding."

The following chart shows the Administration's total planned five-year capital investments in information technology.



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016



### FY12 Highlights

- \$27.6 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.
- \$10 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.
- \$17.3 million to continue the human resources modernization project to enable the Commonwealth to manage its more than 80,000 employees with the same tools as the best private-sector employers. This software will 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.





## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016

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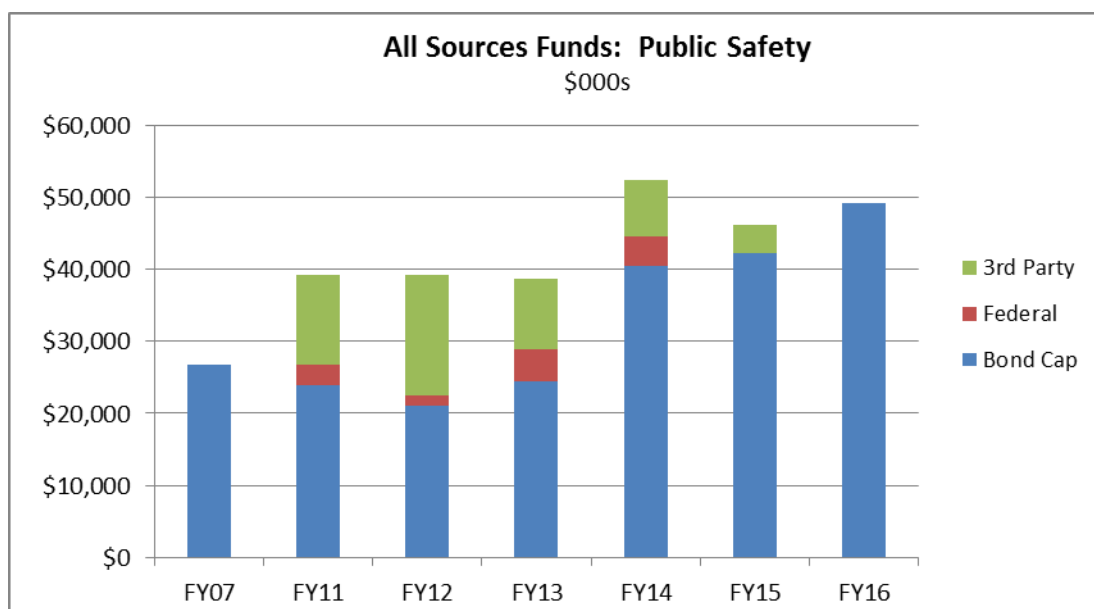
- \$4 million to complete the deployment of the new Quest Unemployment Insurance (UI) system, which integrates all UI processes, including revenue, benefits, program integrity and economic research. The new system will replace manual processes where appropriate with self-service interfaces and will facilitate attaining operational and financial measures such as timely employer status determination, on-time payments, and over payments fraud detection.
- \$3.1 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.
- \$1.5 million to upgrade the system used by the Group Insurance Commission to manage state employee health insurance in order to provide more efficient service and reduce healthcare costs.
- \$1.7 million for software improvements that will enable agencies to make more efficient use of Mass.gov to provide better service and more transparency to citizens.
- \$2 million for an eLicensing system that will allow the Division of Professional Licensure to provide a single on-line platform for high quality, low-cost service to its 330,000 license-holders through 31 boards of registration in nearly 50 trades and professions.



## 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 2011 spending.



### FY12 Highlights

- \$4 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.
- Planning will be completed for two replacement facilities for the medical examiner in the Worcester and western regions of the state.
- Design will be completed for the \$13.5 million National Guard Readiness Center in Natick. This project will be partially federally funded, but managed by DCAM in collaboration with the National Guard.



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016

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- \$6.7 million for the State Police Airwing helicopter replacement program. This purchase is the second in a program to replace four aging single-engine helicopters with modern twin-engine helicopters that will provide greater safety and more sophisticated instrumentation, allowing them to fly in inclement weather.
- \$6.6 million for the State Police cruiser replacement program, allowing replacement of vehicles with over 150,000 miles on them.

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

### *State Office Buildings and Facilities*

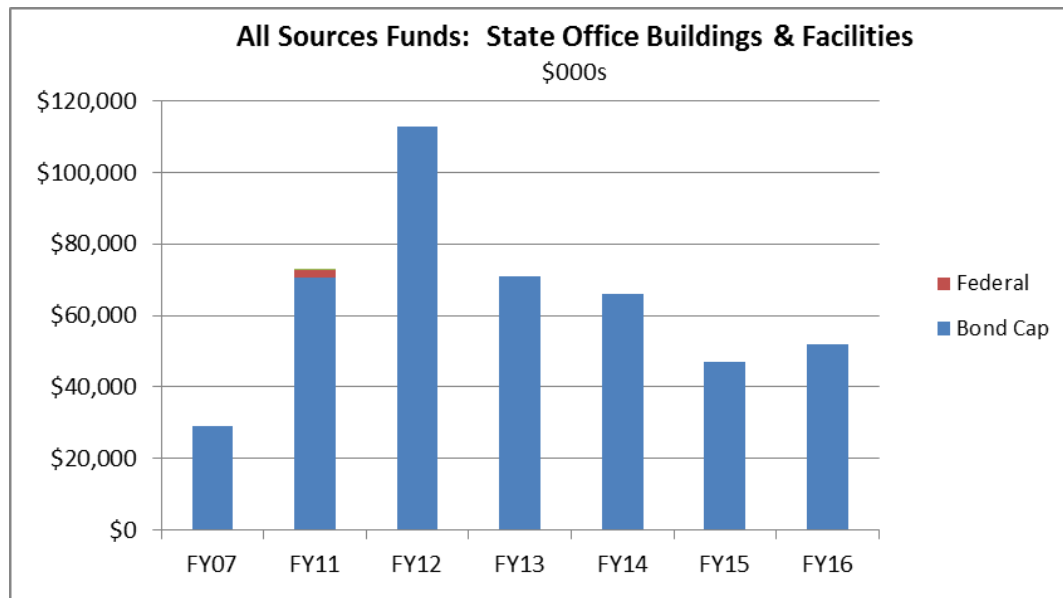
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Safe, convenient and accessible state office buildings and facilities are necessary for the efficient and effective functioning of government and for providing programs and services. They are also important venues for active civic engagement. These 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 FY12-16 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 2011 spending.



## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016



### FY12 Highlights

- \$45.5 million is allocated for continued construction activity of the second data center in Springfield. 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.
- \$3 million to complete the roof improvements and ongoing modernization of the fire alarm system of the State House.
- \$30 million to address deferred maintenance statewide. This continues a competitive process managed by DCAM to distribute funds 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.
- \$5 million for a new program to specifically address ADA compliance and to improve physical accessibility in state buildings throughout the Commonwealth. These funds will be disbursed to agencies pursuant to an overall strategy to be developed and implemented pursuant to Executive Office for Administration and Finance Administrative Bulletin #19, *Enhancing Coordination and Integration to Promote Greater Accessibility at State Facilities and to State Programs, Services And Activities*.

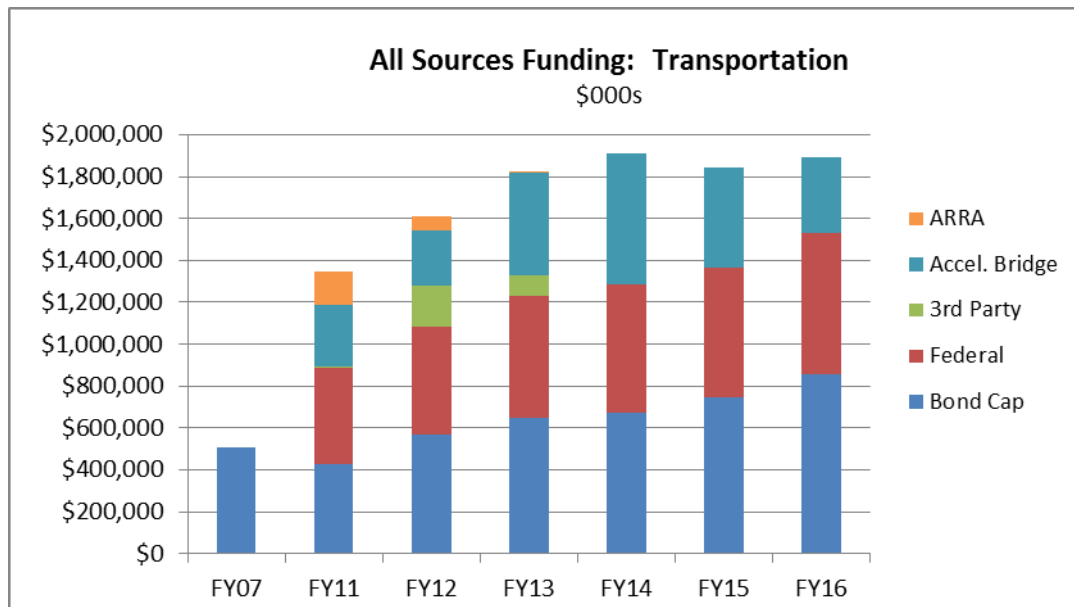


## Transportation

Investing in our transportation infrastructure creates thousands of jobs now, and improves the environment for economic growth in the future. Over the past five years, the Patrick-Murray Administration has significantly increased investments 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.

The Administration's focus on strategic improvements to our transportation network, including innovative funding techniques and accelerated project development, expands the Commonwealth's economic attractiveness and improves the quality of life for residents. Transportation projects create thousands of jobs in the construction trades. This plan also includes targeted road, transit and service improvements supporting economic development, that include Somerville Assembly Square, road and transit investments, South Coast Rail, Green Line Extension, and in cooperation with the Department of Agriculture, the development of the Boston Public Market.

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.





### FY12 Highlights

- \$86 million for federally-assisted statewide road and bridge projects, providing a state match to \$308 million in federal funds for road and bridge projects.
- \$108 million to the Statewide Road and Bridge Non-Federally Assisted Maintenance Fund for maintenance of Commonwealth-owned roads and bridges.
- \$58 million to for State Implementation Plan (SIP) transit project commitments, including \$36 million for the Fairmount Commuter Rail project and \$20 million for the Green Line extension.
- \$8.3 million to continue the planning and permitting phase of the South Coast Rail project, which will extend the MBTA's commuter rail service to Fall River and New Bedford.
- \$18 million for improvements to parkways managed by the Department of Conservation and Recreation.

### Accelerated Bridge Program

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On August 4, 2008, Governor Patrick signed into law a \$3 billion bond bill, creating the Accelerated Bridge Program. The Accelerated Bridge Program is repairing bridges across the Commonwealth that are currently structurally deficient or would otherwise become structurally deficient. As a result of this program, 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% over 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.



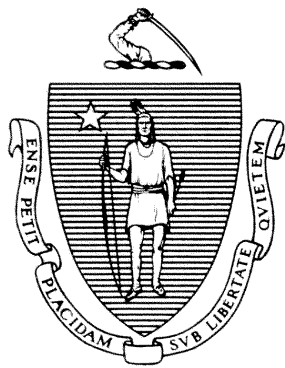
## Commonwealth of Massachusetts Five-Year Capital Investment Plan – FY2012-2016

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- 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.

The Accelerated Bridge Program has been a success, taking advantage of the current low-cost, low-interest rate environment to put people to work fixing the Commonwealth's bridges. Results to-date include:

- The Program has advertised 163 construction projects with a estimated construction budget of \$1.3 Billion.
- ABP has reduced the number of structurally deficient bridges in the Commonwealth from 543 to 450, a decline of 17%.
- ABP projects have created or sustained more than 12,000 direct construction jobs.
- Reducing construction delays for the residents, commuters, and businesses. For example, the "93Fast14" project successfully replaced 14 bridge structures over 10 weekends on Interstate 93, attracting national attention for its engineering ingenuity that avoided years of construction.
- The Accelerated Bridge Program received the 2011 Francis B. Francois Award for Innovation by the American Association of State Highway and Transportation Officials (AASHTO) for "innovative program management, project development, and construction technologies and methods."
- Bonds issued for ABP were rated AAA by Moody's and Standard & Poor's, reflecting the strength of the financing behind the program. A description of how the Accelerated Bridge Program is being financed is included in the Debt Affordability Analysis attached as Appendix A.







## Debt Affordability Analysis

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

The Patrick-Murray Administration is the first Administration to develop a debt affordability analysis and policy to ensure that the amount of debt issued to fund the capital investment program is kept to affordable levels. The debt affordability analysis is formally updated each year. This report is the Administration's fifth 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 2010. 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 course of the recession. 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. While fiscal year 2011 tax collections were relatively robust, total tax revenues were still less than the fiscal year 2008 level.

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

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

Based on the debt affordability analysis and policy described in more detail below, the Administration has set the annual borrowing limit - or “administrative bond cap” – to fund the Commonwealth’s regular capital budget for fiscal year 2012 at \$1.75 billion. This is the same bond cap level for fiscal year 2012 that was projected in the five-year capital investment plan published in September 2010. When compared to the five-year capital investment plan published by the Patrick-Murray Administration in December 2008, this updated debt affordability analysis results in a reduction of \$250 million of planned borrowing for fiscal year 2012, reflecting the changed economic conditions. As this analysis demonstrates, the planned bond cap levels for fiscal years 2012 through 2016, 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 Commonwealth.<sup>6</sup> The statutory debt limit on "direct" debt during fiscal year 2011 was

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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 certain payments to the Massachusetts Water Pollution Abatement Trust, the Massachusetts Development Finance Agency, and the Massachusetts Department of Transportation, as successor to the Massachusetts Turnpike Authority. Budgetary contract assistance liabilities (which are the result of certain capital leases and other contractual agreements) include payments on behalf of the Route 3 North Transportation Improvements Association and the Saltonstall Building Redevelopment Corporation Project.

<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 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.



approximately \$18.0 billion, and the Commonwealth's outstanding direct debt subject to that limit was \$15.6 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, 2010, budgeted debt service on debt subject to this limit was approximately \$1.89 billion, representing 6.2% of total budgeted expenditures, which were approximately \$30.4 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 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, sixth in total gross tax-supported debt (down from third in 2007), second in net tax-supported debt as a percentage of personal income, and second in net tax-supported debt per capita (down from first in 2007).<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>

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<sup>7</sup> Commonwealth of Massachusetts Information Statement, March 15, 2011.

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

<sup>9</sup> Commonwealth of Massachusetts Information Statement, March 15, 2011.

<sup>10</sup> Moody's Investors Service, "2011 State Debt Medians Report", May 25, 2011.

<sup>11</sup> Standard and Poor's, "2011 State Debt Review", May 25, 2011.



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., \$4.7 billion of outstanding debt issued by the Massachusetts School Building Authority, as of June 30, 2010). 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 50<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 fourth annual update of the analysis and the results inform the FY2012-2016 Five-Year Capital Investment Plan.

### ***Methodology and Model for Analysis***

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

### ***Existing Obligations and Liabilities***

A&F's debt capacity analysis includes an examination of existing Commonwealth debt service and contract assistance payment obligations. The analysis includes only the interest payments on federal grant anticipation notes (GANs); principal payments are made with grants from the Federal Highway Administration that are legally dedicated to such purpose and are not available for general budgeting purposes.

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<sup>12</sup> U.S. Census Bureau, "State and Local Government Finances by Level of Government and by State: 2008".





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Special obligation bonds secured by gas tax and motor vehicle registry fees are included in the analysis. Special obligation bonds for the Massachusetts Convention Center Authority are not included; although these bonds are obligations of the Commonwealth, they are secured and paid directly by a pledge of dedicated tax and excise revenues related to the convention center projects financed with proceeds of the bonds. Massachusetts Bay Transportation Authority (MBTA) and Massachusetts School Building Authority (MSBA) bonds are also not included because they are obligations of the respective authorities, and, although secured in part by a portion of the Commonwealth's sales tax revenues, the Commonwealth is not liable for such bonds and such sales tax revenues are legally dedicated to the MBTA and MSBA. The revenues legally dedicated for the convention center bonds and for the MBTA and MSBA bonds are not available for general budgetary purposes and are consequently not included in the budgeted revenue figures taken into account in this analysis.

The Commonwealth's existing direct debt service obligations for fiscal years 2011<sup>13</sup> through 2016 are presented in the following table.

**Table 1**  
**Existing Direct Debt Service Obligations**  
**Fiscal Years 2011-2016**  
(\$000s)

<b>Fiscal Year</b>	<b>General Obligations</b>	<b>Federal GANs Non Bridge Program (interest only)</b>	<b>Special Obligations Non Bridge Program (gas tax only)</b>	<b>Federal GANs Bridge Program (interest only)</b>	<b>Special Obligations Bridge Program</b>	<b>Total Existing Direct Debt Service Obligations</b>
2011	1,573,368	35,390	58,932	1,326	8,913	1,677,929
2012	1,810,064	27,989	58,939	2,774	20,309	1,920,075
2013	1,890,938	22,608	58,922	2,774	20,309	1,995,551
2014	1,826,341	13,183	52,704	2,774	20,309	1,915,311
2015	1,755,552	5,395	52,701	2,774	20,309	1,836,731
2016	1,771,220	-	51,382	2,664	20,309	1,845,575

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>14</sup> These obligations for fiscal years 2011 – 2016 are presented in the following table.

<sup>13</sup> As part of the comprehensive plan to address fiscal year 2011 budgetary challenges, the Commonwealth authorized and executed a refinancing of \$305 million of the \$1.02 billion in general obligation principal due in fiscal year 2011.

<sup>14</sup> The analysis includes major capital lease obligations, such as lease payments that support the Route 3 North Transportation Improvements Association and the Saltonstall Building Redevelopment Corporation Project, each of which are large-scale capital projects that were funded outside of the bond cap by prior administrations. Contract assistance for infrastructure development-related bonds issued by Massachusetts Development Finance Agency are not included in this analysis as they will be fully reimbursed from incremental state tax revenues resulting from the development or from other sources (see Table 6). Minor capital costs, such as equipment lease purchases made by state agencies, are funded through their respective operating budgets and are not part of the state's capital budget and, accordingly, are not included in this analysis.



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Table 2  
Existing Contract Assistance Obligations  
Fiscal Years 2011-2016  
(\$000s)

Fiscal Year	General Obligation		Budgetary		Total Contract Assistance Obligations
	Water Pollution Abatement Trust	MassDOT (Turnpike Authority)	Route 3 North Transportation Improvements Association	Saltonstall Building	
2011	66,093	125,000	9,618	9,398	210,109
2012	64,986	125,000	5,409	9,464	204,859
2013	62,536	125,000	1,129	9,532	198,197
2014	59,420	125,000	1,130	9,602	195,152
2015	57,988	125,000	1,128	9,698	193,814
2016	53,156	125,000	1,129	9,772	189,057

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 2012 is \$32.273 billion. This estimate is based in part on a revised tax revenue estimate of \$21.010 billion, as announced by the Secretary of Administration and Finance on October 17, 2011, based on available data on tax revenue collections and economic trends. This fiscal year 2012 tax revenue estimate includes the estimated loss of tax revenue from a two day sales tax holiday in August 2011 (\$20.5 million) and the estimated impact of the state income tax rate reduction triggered by certain conditions which are expected to be met (\$54 million). Fiscal year 2013 projected revenues have also been reduced by \$114 million, which is the estimated full year impact of the expected income tax rate reduction. For purposes of projecting budgeted revenue in future fiscal years, 3.00% was applied to fiscal year 2013 revenues (before reducing them by \$114 million, as explained above) and to each year thereafter. This is consistent with established policy of applying the lesser of (a) the compound annual growth rate (CAGR) of historical budgeted revenues, which is 4.30%; and (b) 3%.

To ensure consistency, the budgeted revenue projection for fiscal year 2012 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



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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.

<b>Table 3</b>			
<b>Actual and Projected Budgeted Revenues</b>			
(\$000s)			
<b>Fiscal Year</b>	<b>Budgeted Revenues (Excluding ARRA Revenues)</b>	<b>Annual Growth Rate</b>	<b>Compound Annual Growth Rate</b>
2002	21,174,800	n/a	4.30%
2003	21,987,200	3.84%	
2004	23,988,400	9.10%	
2005	24,373,400	1.60%	
2006	26,305,600	7.93%	
2007	28,615,900	8.78%	
2008	30,313,200	5.93%	
2009	28,412,300	-6.27%	
2010	29,125,400	2.51%	Projections
2011	31,690,320	8.81%	
2012	32,272,700	1.84%	
2013	33,126,881	2.65%	
2014	34,120,687	3.00%	
2015	35,144,308	3.00%	
2016	36,198,637	3.00%	

As a starting point for the analysis of future debt capacity, the following table shows existing debt service and contract assistance payment obligations in fiscal year 2011<sup>15</sup> and in each of the next five fiscal years as a percentage of the budgeted revenue projection for each of those fiscal years.

<sup>15</sup> As part of the comprehensive plan to address fiscal year 2011 budgetary challenges, the Commonwealth authorized and executed a refinancing of \$305 million of the \$1.02 billion in general obligation principal due in fiscal year 2011.





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**Table 4**  
**Existing Debt Obligations as Percentage of Budgeted Revenue**  
**Fiscal Years 2011-2016**  
(\$000s)

<b>Fiscal Year</b>	<b>Existing Direct Debt Service</b>	<b>Existing Contract Assistance</b>	<b>Total Existing Obligations</b>	<b>Projected Budgeted Revenue</b>	<b>Debt Service as % of Budgeted Revenue</b>
2011	1,677,929	210,109	1,888,038	31,690,320	5.96%
2012	1,920,075	204,859	2,124,934	32,272,700	6.58%
2013	1,995,551	198,197	2,193,748	33,126,881	6.62%
2014	1,915,311	195,152	2,110,463	34,120,687	6.19%
2015	1,836,731	193,814	2,030,545	35,144,308	5.78%
2016	1,845,575	189,057	2,034,632	36,198,637	5.62%

### ***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 is being financed with a combination of two sources: (1) special obligation bonds secured by the Commonwealth Transportation Fund and (2) federal grant anticipation notes.

The following table shows the cumulative to date and projected Bridge Program spending between fiscal years 2009 and 2016. In December 2010, the Commonwealth issued the inaugural series of bonds to support the Bridge Program: \$100 million in grant anticipation notes and \$576.125 million in Commonwealth Transportation Fund special obligation revenue bonds.

**Table 5**  
**Bridge Program Spending**  
**Fiscal Years 2009-2016**  
(\$000s)

<b>Fiscal Year</b>	<b>Actual Spending (FY11 Estimated)</b>	<b>Cumulative Spending</b>	<b>Bonds Issued To Date</b>	<b>Projected Financing Needs</b>
2009	90,929	90,929	-	-
2010	206,819	297,748	-	-
2011	292,183	589,931	676,125	-
2012	-	-	-	264,371
2013	-	-	-	488,721
2014	-	-	-	627,468
2015	-	-	-	474,638
2016	-	-	-	360,248



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 borrowed and expended for the Bridge Program are 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 Commonwealth Transportation Fund revenue bonds and the interest payable on any federal grant anticipation notes issued to finance the Bridge Program is included in the total debt service payment obligations that must be constrained within 8% of budgeted revenues (principal on the federal grant anticipation notes is payable from future federal grants which are not included in budgeted revenue). This treatment of the Bridge Program Commonwealth Transportation Fund revenue bond and federal grant anticipation note debt service is consistent with the manner in which this debt affordability analysis treats the Commonwealth's other outstanding special obligation gas tax bonds and federal grant anticipation notes.

The impact of 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 prescribed limits. The reduced future capacity will result in less funding for transportation capital projects in future years than there otherwise would be. However, by accelerating this future borrowing capacity (as well as accelerating the future federal grant spending capacity through the issuance of the federal grant anticipation notes) to invest in structurally-deficient bridge projects that must be undertaken throughout the Commonwealth, 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,



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the Administration will exclude the debt from the annual bond cap and will exclude such debt service payment obligations from the debt affordability analysis. In the instances where such debt service is supported by a new or budgeted stream of state revenue, the related new revenue used to pay such obligations will also be excluded from the analysis set forth herein for purposes of determining the annual bond cap.

There are three examples of debt the Administration will exclude from the annual bond cap and debt affordability analysis. The first is debt that the Massachusetts Development Finance Agency issues for public infrastructure improvements necessary to support significant new private development, pursuant to the infrastructure investment incentive program known as “I-Cubed”. This debt will be excluded because the Commonwealth will ultimately be responsible for funding *only* the portion of the related debt service that is supported by new state tax revenue generated from the related private development. The second example of debt that will be excluded from the debt affordability analysis is debt the Administration issues to fund fire training facility projects as legislation authorizes the Commonwealth to raise the amounts needed to fund the related debt service costs for such projects through assessments on property insurance policies. The third example is debt associated with the Clean Energy Investment Program initiated by the Governor in January 2010 in which the Commonwealth issues general obligation bonds to fund energy efficiency and renewable energy projects at state facilities. These projects 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 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 2011-2016**  
(\$000s)

<b>Fiscal Year</b>	<b>Infrastructure Development Projects Debt Service</b>	<b>DFS Insurance Assessments</b>	<b>Energy Efficiency Projects Debt Service</b>	<b>Total Self-Supporting Debt Service</b>
2011	1,389	2,254	1,100	4,743
2012	3,379	2,514	7,222	13,114
2013	6,282	2,747	14,943	23,971
2014	10,817	3,050	22,664	36,531
2015	15,829	3,158	30,385	49,371
2016	17,221	3,158	35,831	56,210

Consistent with the approach described above, Table 8 excludes the above amounts listed for Infrastructure Development Projects Debt Service and DFS Insurance Assessments from both the debt service and the budgeted revenue



estimates, and excludes Energy Efficiency Projects Debt Service from projected debt service estimates.

### ***Fiscal Year 2012-2016 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 2027 and this analysis assumes that one-third of the special obligation Commonwealth Transportation Fund revenue bonds will have a 30-year term and two-thirds will have a 20-year term.
- Interest Rates. The interest rate used for 20-year debt and for the federal grant anticipation notes for the Bridge Program is 4.25%, which is conservatively above the 4.16% average of the 24 month period ending October 14, 2011 of the Bond Buyer 11 Index<sup>16</sup>. The interest rate used to model the 30-year debt is 4.50%, reflecting the approximate spread between 20 and 30-year general obligation bonds according to municipal market data published in The Bond Buyer.
- Principal Amortization. Consistent with past practice by the Commonwealth, the principal on bonds issued for a 20-year term is structured to result in level annual debt service payments over that 20-year period and the principal on bonds issued for a 30-year term is structured to result in level annual debt service payments over that 30-year period.

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<sup>16</sup> The Bond Buyer 11 Index tracks the interest rates of 11 issues of 20-year municipal debt with a double-A credit rating.



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**Appendix A - Debt Affordability Analysis**

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

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

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

**Table 7**  
**Capital Spending**  
**Fiscal Years 2011-2016**  
(\$000s)

<b>Fiscal Year</b>	<b>Bond Cap</b>	<b>Bridge Program</b>
2011	1,625,000	292,183
2012	1,750,000	264,371
2013	1,875,000	488,721
2014	2,000,000	627,468
2015	2,125,000	474,638
2016	2,250,000	360,248

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 projected annual debt service as a percent of budgeted revenues that is within the 8% limit described above<sup>17</sup>.

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<sup>17</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**  
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**Appendix A - Debt Affordability Analysis**

**Table 8**  
**Projected Annual Debt Service as a Percentage of Budgeted Revenues**  
**Fiscal Years 2011-2016**  
(\$000s)

Fiscal Year	Debt Service				Budgeted Revenue Growth (Less Self Supporting Projects)	Total Annual Debt Service as % of Revenues
	Total Existing Obligations	Cumulative New Debt Service from Annual Bond Cap	Cumulative New Debt Service from Bridge Program	Total Annual Debt Service		
2011	1,888,038	0	0	1,888,038	31,685,577	5.96%
2012	2,124,934	24,817	5,750	2,155,501	32,266,808	6.68%
2013	2,193,748	140,076	28,964	2,362,788	33,117,853	7.13%
2014	2,110,463	262,448	62,196	2,435,106	34,106,820	7.14%
2015	2,030,545	393,353	92,226	2,516,124	35,125,321	7.16%
2016	2,034,632	539,075	111,892	2,685,599	36,178,258	7.42%

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.

### Exhibit A

#### FY2012 General Appropriations Act

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

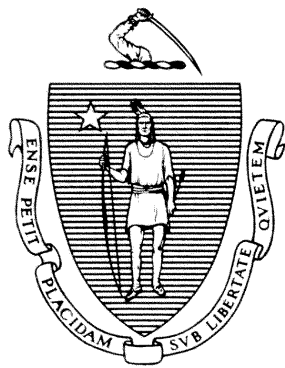
Account	Description
0699-0015	Consolidated Long Term Debt Service
0699-0016	Accelerated Structurally Deficient Bridge Program Debt Service
0699-2004	CA/T Debt Service
0699-9101	Federal Grant Anticipation Notes
1599-0093	Water Pollution Abatement Trust
1599-1970	Massachusetts Turnpike Authority Contract Assistance
1599-0050	Route 3 North Contract Assistance
1102-3224	Saltonstall Building Lease
1599-1977	MassDevelopment Infrastructure Development Contract Assistance
0699-0018	Agency Debt Service Programs





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**Appendix B – Bond Bills**

<b>Bond Bills</b>	
<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 unserved 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.





**Commonwealth of Massachusetts**  
**Five-Year Capital Investment Plan – FY2012-2016**  
**Appendix C – Project List, by Investment Category**

					2012				
					Approved Funding by Source				
Cap Agy	Project Name	Proj ID#	Location	Investment Category	State Bond Cap	Federal	ARRA	Other (Third Party, Accelerated Bridge, etc)	Total
DCAM	Essex North Shore Agricultural and Technical School	651	Essex Cnty Reg Schl	Community Investments	2,498,301				2,498,301
DHCD	Urban Revitalization Development Grant Program (URDG)	350	Statewide	Community Investments	3,696,306				3,696,306
DHCD	Community Development Block Grant	696	Statewide	Community Investments		36,000,000			36,000,000
EOAF	New Salem Academy Historic Renovation	750	New Salem	Community Investments	48,675				48,675
EOAF	Beverly Waterfront Infrastructure Improvements	674	Beverly	Community Investments	107,311				107,311
EOAF	Barnstable Bulkhead Reconstruction	748	Barnstable	Community Investments	300,000				300,000
EOAF	Thompson Street Historic Renovation	762	New Bedford	Community Investments	487,446				487,446
EOAF	Haverhill Stadium Improvements	749	Haverhill	Community Investments	755,977				755,977
EOAF	ARRA Matching Grant - Ware	850	Ware	Community Investments	1,000,000				1,000,000
EOAF	Equipment for Vocational Schools	956	Statewide	Community Investments	1,000,000				1,000,000
EOAF	Water Pollution Abatement Trust - Title V Community Septic Loan Program	552	Statewide	Community Investments	1,500,000				1,500,000
EOAF	Historic Preservation Grants	352	Statewide	Community Investments	1,550,000				1,550,000
EOAF	Zoo New England Capital Costs	707	Boston	Community Investments	2,000,000				2,000,000
EOAF	Cultural Facilities Fund	639	Statewide	Community Investments	5,000,000				5,000,000
EOAF	Board of Library Commissioners - Library Construction Grants	354	Statewide	Community Investments	10,000,000				10,000,000
EOAF	Seaport Council	299	Statewide	Community Investments	11,000,000				11,000,000
EOAF	Water Pollution Abatement Trust -- State Match	357	Statewide	Community Investments	13,482,800			2,000,000	15,482,800
EOEA	Salisbury Town Creek	964	Salisbury	Community Investments	262,000				262,000
EOEA	Coastal Pollutant Remediation (CPR) Grants	254	Statewide	Community Investments	400,000				400,000
EOEA	Muddy River Flood Control and Historic Preservation Project	181	Brookline	Community Investments	1,000,000				1,000,000
EOEA	Three County Fairgrounds Improvements	764	Northampton	Community Investments	1,000,000				1,000,000
EOEA	Public Private Partnerships Program	252	Statewide	Community Investments	1,500,000				1,500,000
EOEA	Boston Public Market (BPM)	739	Boston	Community Investments	3,000,000				3,000,000
EOEA	Urban Park Community Investment Grant Programs	961	Statewide	Community Investments	13,650,000				13,650,000
EOPS	Municipal Public Safety Grants	389	Statewide	Community Investments	100,000				100,000
EOTC	Chapter 90 - Municipal Roads and Bridges	312	Statewide	Community Investments	200,000,000				200,000,000

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					Approved Funding by Source				
Cap Agy	Project Name	Proj ID#	Location	Investment Category	State Bond Cap	Federal	ARRA	Other (Third Party, Accelerated Bridge, etc)	Total
<b>Community Investments Total</b>					<b>275,338,816</b>	<b>36,000,000</b>		<b>2,000,000</b>	<b>313,338,816</b>
DCAM	DOC / Sheriff's - Medical & Mental Health Facility	768	Statewide	Corrections	100,000				100,000
DCAM	Hampshire Sheriff Department - Pre-Release / Re-Entry Center - Expansion	769	Northampton	Corrections	1,415,000				1,415,000
DCAM	Essex Sheriff Pre-Release Facility	925	Essex County	Corrections	195,000				195,000
DCAM	Worcester Sheriff's Department - Strategic and Facility Plan Study	774	West Boylston	Corrections	271,780				271,780
DCAM	Master Plan for MCI Framingham	841	Framingham	Corrections	300,000				300,000
DCAM	Worcester Sheriff's Department - Emergency Repairs	518	West Boylston	Corrections	550,174				550,174
DCAM	Repairs in Correctional Facilities as per Master Plan	84	Statewide	Corrections	1,000,000				1,000,000
DCAM	Energy Project Worcester Sheriff's Department - HVAC	945	Worcester	Corrections	1,000,000				1,000,000
DCAM	Worcester Jail and HOC Cameras	863	Worcester	Corrections	1,500,000				1,500,000
DCAM	Suffolk Sheriff's Department - Roof Reconstruction	822	Boston	Corrections	1,868,673				1,868,673
DCAM	Hayes Report Recommendations - Retrofits for Suicide Prevention	68	Statewide	Corrections	2,000,000				2,000,000
DCAM	Suffolk Sheriff's Department - Glazing and Sealant Repairs	823	Boston	Corrections	2,041,600				2,041,600
DCAM	Essex Sheriff's Department Intake Center	770	Essex County	Corrections	3,585,000				3,585,000
DCAM	Facility Improvements to Middlesex County Correctional Facilities	598	Billerica	Corrections	4,890,000				4,890,000
DCAM	Hampden Sheriff's Department - Western MA Regional Women's Correctional Center Expansion	771	Chicopee	Corrections	5,738,551				5,738,551
EOPS	Public Safety Facility Equipment	880	Statewide	Corrections	500,000				500,000
EOPS	Dept. of Corrections Equipment	390	Statewide	Corrections	1,500,000				1,500,000
<b>Corrections Total</b>					<b>28,455,778</b>				<b>28,455,778</b>
DCAM	Northampton Court Master Plan	526	Northampton	Courts	134,250				134,250
DCAM	Independent Heating Plant for 3rd District Court Cambridge	805	Cambridge	Courts	200,000				200,000
DCAM	Study for New Middlesex Trial Courthouse	681	Middlesex County	Courts	250,000				250,000
DCAM	Suffolk County Courthouse - Highrise - Exterior Envelope	930	Boston	Courts	250,000				250,000
DCAM	Strategic Master Plan for Courts	931	Statewide	Courts	500,000				500,000
DCAM	New Lowell Trial Court - Site Acquisition and Preparation	49	Lowell	Courts	781,020				781,020
DCAM	Salem PFC Renovation project	63	Salem	Courts	1,000,000				1,000,000

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					2012				
					Approved Funding by Source				
Cap Agy	Project Name	Proj ID#	Location	Investment Category	State Bond Cap	Federal	ARRA	Other (Third Party, Accelerated Bridge, etc)	Total
DCAM	Reserve for Construction Contract Settlements	65	Statewide	Courts	1,000,000				1,000,000
DCAM	Greenfield Trial Court Renovation	67	Greenfield	Courts	3,199,533				3,199,533
DCAM	New Taunton Trial Court	47	Taunton	Courts	4,200,000				4,200,000
DCAM	Salem/J.M. Ruane Judicial Center	48	Salem	Courts	7,800,000				7,800,000
DCAM	Cambridge Sullivan Courthouse project - Temporary Relocation Costs	51	Middlesex County	Courts	12,198,282				12,198,282
<b>Courts Total</b>					<b>31,513,085</b>				<b>31,513,085</b>
EOAF	Capital Improvements at Devens	358	Devens	Economic Development	3,000,000				3,000,000
EOAF	Economic Development Recapitalization	852	Statewide	Economic Development	5,000,000				5,000,000
EOAF	Southfield East West Parkway	591	Weymouth	Economic Development				15,000,000	15,000,000
EOAF	Infrastructure Development Fund Projects, St.2011, c.142	959	Statewide	Economic Development				37,900,000	37,900,000
EOAF	Life Sciences Capital Program	360	Statewide	Economic Development	44,650,000				44,650,000
EOAF	MassWorks - Infrastructure Grant Awards	846	Statewide	Economic Development	46,100,000				46,100,000
EOAF	Broadband Initiative	353	Statewide	Economic Development	21,880,000			24,688,238	46,568,238
EOAF	"I-cubed" Economic Development Projects	363	Statewide	Economic Development				50,000,000	50,000,000
<b>Economic Development Total</b>					<b>120,630,000</b>			<b>127,588,238</b>	<b>248,218,238</b>
DCAM	DCR Cambridge/North Pt - New Maintenance Facility Study	918	Cambridge	Energy and Environment				130,000	130,000
DCAM	Wall Experiment Station	104	Lawrence	Energy and Environment	1,443,431				1,443,431
DCAM	Division of Fish and Wildlife Headquarters	103	Westborough	Energy and Environment	2,000,000				2,000,000
DCAM	Clean Energy Investment Program	835	Statewide	Energy and Environment				50,000,000	50,000,000
EOAF	New Bedford Marine Commerce Terminal	832	New Bedford	Energy and Environment	29,000,000			7,000,000	36,000,000
EOEA	Walden Pond Visitors Center	465	Concord	Energy and Environment	50,000				50,000
EOEA	Ponkapoag Golf Course Irrigation Design Engineering and Construction	731	Canton	Energy and Environment	115,000				115,000
EOEA	Campground Modernization Program	235	Statewide	Energy and Environment	200,000				200,000
EOEA	Wetlands Change/Protection Project	281	Statewide	Energy and Environment	200,000				200,000
EOEA	Agricultural Environmental Enhancement Program (AEEP)	178	Statewide	Energy and Environment	250,000				250,000
EOEA	Tennis & Basketball Court Rehabilitation	218	Statewide	Energy and Environment	300,000				300,000

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Cap Agy	Project Name	Proj ID#	Location	Investment Category	State Bond Cap	Federal	ARRA	Other (Third Party, Accelerated Bridge, etc)	Total
EOEA	Agricultural Project Operations	176	Statewide	Energy and Environment	350,000				350,000
EOEA	Dam Safety and Inspection Program	194	Statewide	Energy and Environment	390,000				390,000
EOEA	Greylock Glen -Outdoor Recreation and Environmental Education Center	180	North Adams	Energy and Environment	400,000				400,000
EOEA	Emergency Storm Reimbursements	860	Statewide	Energy and Environment	403,000				403,000
EOEA	Coastal Resource Protection Program Support	260	Statewide	Energy and Environment	450,000				450,000
EOEA	Playground Improvements	206	Statewide	Energy and Environment	500,000				500,000
EOEA	Marine Fisheries Institute/Facility Repair	293	Statewide	Energy and Environment	500,000				500,000
EOEA	Dam Maintenance and Operation / PL 566 Flood Control	192	Statewide	Energy and Environment	600,000				600,000
EOEA	Landscape Improvements	202	Statewide	Energy and Environment	600,000				600,000
EOEA	Charles River Dam and Amelia Earhart Dam Lock Replacement program.	876	Boston	Energy and Environment	625,000				625,000
EOEA	Boat Ramp Construction/Maintenance	287	Statewide	Energy and Environment	675,000				675,000
EOEA	US Geological Survey Cooperative Programs	240	Statewide	Energy and Environment	690,000				690,000
EOEA	Ambient Air Monitoring	278	Statewide	Energy and Environment	736,000				736,000
EOEA	Working Forest Preservation Restriction	311	Statewide	Energy and Environment	750,000				750,000
EOEA	Ludlow Mills Remediation	715	Ludlow	Energy and Environment	750,000				750,000
EOEA	ENV Program	266	Statewide	Energy and Environment	821,000				821,000
EOEA	Winthrop Shores Restoration - Design and Construction	228	Winthrop	Energy and Environment	910,000				910,000
EOEA	Sustainable Water Management Initiative (SWMI)	873	Statewide	Energy and Environment	960,000				960,000
EOEA	Farm Viability Enhancement Program (FVEP)	177	Statewide	Energy and Environment	1,000,000				1,000,000
EOEA	Comfort Station Rehabilitation	190	Statewide	Energy and Environment	1,000,000				1,000,000
EOEA	Flood Control Annual Maintenance	198	Greater Boston	Energy and Environment	1,000,000				1,000,000
EOEA	Rink Maintenance, Rehabilitation and Improvements	210	Statewide	Energy and Environment	1,000,000				1,000,000
EOEA	DCR Equipment	222	Statewide	Energy and Environment	1,000,000				1,000,000
EOEA	Emergency Response Risk Reduction & Remediation	282	Statewide	Energy and Environment	1,000,000				1,000,000
EOEA	River Revitalization & Riverine Habitat Restoration	290	Statewide	Energy and Environment	1,000,000				1,000,000
EOEA	Columbia Greenway Bike Trail Design and Construction, Westfield	726	Westfield	Energy and Environment	1,000,000				1,000,000

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EOEA	Short Beach Infrastructure Improvements	718	Winthrop	Energy and Environment	1,100,000				1,100,000
EOEA	Georges Island Pier	456	Boston	Energy and Environment	1,200,000				1,200,000
EOEA	EOEEA Land Planning	703	Statewide	Energy and Environment	1,200,000				1,200,000
EOEA	Federal Superfund Site Restoration	273	Holbrook	Energy and Environment	1,400,000				1,400,000
EOEA	Solid Waste Management and Recycling Technical Assistance and Regulatory Development Program	271	Statewide	Energy and Environment	1,564,000				1,564,000
EOEA	Waterways Division Program	221	Statewide	Energy and Environment	1,650,000				1,650,000
EOEA	Dam Rehabilitation Program	193	Statewide	Energy and Environment	2,000,000				2,000,000
EOEA	Land and Habitat Programs	291	Statewide	Energy and Environment	2,000,000				2,000,000
EOEA	Consolidated IT Program	834	Statewide	Energy and Environment	2,000,000				2,000,000
EOEA	Environmental Remediation (Clean State)	196	Statewide	Energy and Environment	2,400,000				2,400,000
EOEA	EPA 10% Match on Superfund Clean Up Sites	274	Statewide	Energy and Environment	3,000,000				3,000,000
EOEA	Enforcement Support and Brownfields	283	Statewide	Energy and Environment	3,220,000				3,220,000
EOEA	Storm Water Services	215	Statewide	Energy and Environment	3,500,000				3,500,000
EOEA	Bird Island Coastal Habitat Restoration	716	Marion	Energy and Environment	100,000	2,774,590		1,321,000	4,195,590
EOEA	Connors Pool Renovation	503	Waltham	Energy and Environment	4,353,000				4,353,000
EOEA	Deferred Maintenance & Small Repairs DCR	195	Statewide	Energy and Environment	5,700,000				5,700,000
EOEA	Canton Airport Site Remediation	238	Canton	Energy and Environment	5,700,000				5,700,000
EOEA	Pool Maintenance, Rehabilitation and Improvements	209	Statewide	Energy and Environment	6,200,000				6,200,000
EOEA	Land Protection Grant Programs	963	Statewide	Energy and Environment	6,050,000			2,750,000	8,800,000
EOEA	DCR Project Operations	230	Statewide	Energy and Environment	13,500,000				13,500,000
EOEA	EEA Agency Land Protection Programs	962	Statewide	Energy and Environment	17,000,000				17,000,000
ITD	MassDEP Env, Information and Public Access System	892	Statewide	Energy and Environment	500,000	1,792,531			2,292,531
<b>Energy and Environment Total</b>					<b>138,005,431</b>	<b>4,567,121</b>		<b>61,201,000</b>	<b>203,773,552</b>
DCAM	DDS Fernald - Closure / Disposition	647	Waltham	Health and Human Services	22,100				22,100
DCAM	Tewksbury State Hospital - Improvements to Saunders Building - study	929	Tewksbury	Health and Human Services	50,000				50,000
DCAM	Chelsea Soldiers Home - Improvements Study	661	Chelsea	Health and Human Services	100,000				100,000

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Cap Agy	Project Name	Proj ID#	Location	Investment Category	State Bond Cap	Federal	ARRA	Other (Third Party, Accelerated Bridge, etc)	Total
DCAM	Executive Office of Health and Human Services - Capital Programmatic Needs	848	Statewide	Health and Human Services	250,000				250,000
DCAM	Reserve for Construction Contract Settlements	33	Statewide	Health and Human Services	500,000				500,000
DCAM	Chelsea Soldiers Home Water Tank Repair	509	Chelsea	Health and Human Services	696,050				696,050
DCAM	Executive Office of Health and Human Services Master Plan	512	Statewide	Health and Human Services	699,469				699,469
DCAM	MA Mental Health Center Furn & Equip	973	Statewide	Health and Human Services	729,696				729,696
DCAM	Facility Improvements Based on EOHHS Master Plan	32	Boston	Health and Human Services	1,000,000				1,000,000
DCAM	EHS - Campus Closures - Demo, remediation and Ongoing Costs	924	Statewide	Health and Human Services	1,000,000				1,000,000
DCAM	Demolition at Taunton State Hospital	510	Taunton	Health and Human Services	1,500,000				1,500,000
DCAM	Repairs, demolition and addition at DYS Springfield	516	Springfield	Health and Human Services	2,133,100				2,133,100
DCAM	Chelsea Soldiers Home - Life Safety - Upgrade	660	Chelsea	Health and Human Services	1,000,000	1,440,000			2,440,000
DCAM	Hogan Boiler Replacement	28	Danvers	Health and Human Services	2,500,000				2,500,000
DCAM	DYS Connelly Improvements	684	Boston	Health and Human Services	3,242,305				3,242,305
DCAM	Tewksbury State Hospital Emergency Generators & Boiler Replacement	928	Tewksbury	Health and Human Services	3,500,000				3,500,000
DCAM	Medfield State Hospital	585	Medfield	Health and Human Services	3,700,000				3,700,000
DCAM	New Worcester Psychiatric Care Facility	18	Worcester	Health and Human Services	65,000,000				65,000,000
DCAM	Middleton DYS Facility	977	Middleton	Health and Human Services	1,000,000				
HHS	Federal Stimulus Technology Infrastructure	902	Statewide	Health and Human Services	2,031,500	21,033,667		2,031,500	25,096,667
ITD	i-FamilyNet: Enterprise Children and Families Case Management System	896	Statewide	Health and Human Services	1,470,330	1,925,955			3,396,285
ITD	Integrated Eligibility System for Enterprise Means Based Programs	900	Statewide	Health and Human Services	4,505,000	3,499,445			8,004,445
ITD	NewMMIS HIPAA 5010 Upgrade	887	Statewide	Health and Human Services	1,846,352	12,772,055			14,618,407
ITD	Medicaid Information Technology Architecture (MITA)	901	Statewide	Health and Human Services	1,450,000	2,370,960			3,820,960
<b>Health and Human Services Total</b>					<b>99,925,902</b>	<b>43,042,082</b>		<b>2,031,500</b>	<b>143,999,484</b>
DCAM	Massasoitt Community College - Roof and HVAC repairs	796	Brockton	Higher Education	2,104				2,104
DCAM	Quinsigamond Community College - New Academic Building	168	Worcester	Higher Education	127,500				127,500
DCAM	North Shore CC - Study for the Expansion of the College in Lynn	839	Lynn	Higher Education				175,000	175,000
DCAM	Bristol Community College - Fall River Tech Building	145	Fall River	Higher Education	212,272				212,272

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					Approved Funding by Source				
Cap Agy	Project Name	Proj ID#	Location	Investment Category	State Bond Cap	Federal	ARRA	Other (Third Party, Accelerated Bridge, etc)	Total
DCAM	Middlesex Community College - New Academic Arts Center	808	Lowell	Higher Education				223,481	223,481
DCAM	MCLA - Bowman Hall Renovation	916	North Adams	Higher Education	360,000				360,000
DCAM	Reserve for Construction Contract Settlements	174	Statewide	Higher Education	371,648				371,648
DCAM	Master Plan Updates (Westfield, Bridgewater, Mt. Wachusett, Worcester)	919	Statewide	Higher Education	50,000			400,000	450,000
DCAM	Institute of Labs Future Comprehensive Phased Renovations Study	921	Boston	Higher Education	451,200				451,200
DCAM	Reserve for Construction Contract Settlements	142	Statewide	Higher Education	500,000				500,000
DCAM	Westfield State University - New Academic Building	659	Westfield	Higher Education	500,000				500,000
DCAM	Umass-Boston Substructure Demo, Permanent Stabilization and Quad Development Study	922	Boston	Higher Education	500,000				500,000
DCAM	UMass Dartmouth - New Marine Sciences Facility	812	Dartmouth	Higher Education				500,000	500,000
DCAM	Worcester State University - Health Science & Athletic Center Modernization	501	Worcester	Higher Education				700,000	700,000
DCAM	UMass Medical - Shriver Campus Improvements	141	Waltham	Higher Education	1,158,301				1,158,301
DCAM	Greenfield Community College - Campus Core Modernization	154	Greenfield	Higher Education	1,300,000				1,300,000
DCAM	Springfield Technical Community College - Building 19 - Structure - Repair - Phase I	646	Springfield	Higher Education	1,429,000				1,429,000
DCAM	Holyoke Community College - Interior Building Renovations	411	Holyoke	Higher Education	1,430,000				1,430,000
DCAM	UMass Medical - Institute of Labs Life Safety Improvements	137	Boston	Higher Education	2,019,846				2,019,846
DCAM	Northern Essex Community College - New Lawrence Campus	167	Lawrence	Higher Education	2,167,708				2,167,708
DCAM	North Shore Community College - New Allied Health & Science Building	166	Danvers	Higher Education	2,383,252				2,383,252
DCAM	Framingham State University - Hemenway Hall Science Center Modernization	801	Framingham	Higher Education				2,500,000	2,500,000
DCAM	Berkshire Community College - Exterior Masonry Repairs	413	Pittsfield	Higher Education	3,004,790				3,004,790
DCAM	Massachusetts College of Art - Center for Design Innovation	159	Boston	Higher Education	3,032,950				3,032,950
DCAM	UMass Amherst - New Academic Classroom Building	109	Amherst	Higher Education				3,051,000	3,051,000
DCAM	Massachusetts Maritime Academy - Library Modernization	488	Bourne	Higher Education	3,080,708				3,080,708
DCAM	Greenfield Community College - roof repair	944	Greenfield	Higher Education	2,875,000			625,000	3,500,000
DCAM	UMass Boston - Substructure Stabilization and Alternate Parking Improvements	118	Boston	Higher Education	4,000,000			3,000,000	7,000,000
DCAM	MA College of Liberal Arts - New Center for Science & Innovation	487	North Adams	Higher Education	7,150,000				7,150,000
DCAM	Fitchburg State University - Science Facility Modernization	148	Fitchburg	Higher Education	11,813,236				11,813,236

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DCAM	UMass Lowell - Emerging Technology & Innovation Center	128	Lowell	Higher Education	14,000,000				14,000,000
DCAM	UMass Lowell - New South Academic Building	129	Lowell	Higher Education	16,650,000				16,650,000
DCAM	UMass Dartmouth - Library Renovations & Infrastructure Repairs	123	Dartmouth	Higher Education	18,000,000				18,000,000
DCAM	Salem State University - Library Building Modernization	170	Salem	Higher Education	26,679,000				26,679,000
DCAM	Bridgewater State University - Conant Science Building Modernization & Expansion	144	Bridgewater	Higher Education	28,662,204				28,662,204
DCAM	UMass Boston - Integrated Science Complex	500	Boston	Higher Education				42,541,339	42,541,339
DCAM	UMass Amherst - New Laboratory Science Building	110	Amherst	Higher Education	52,000,000			20,500,000	72,500,000
<b>Higher Education Total</b>					<b>205,910,719</b>			<b>74,215,820</b>	<b>280,126,539</b>
DHCD	Housing at Transit Nodes	344	Statewide	Housing	1,000,000				1,000,000
DHCD	Mass. Rehab's Home Modification Loan Program	346	Statewide	Housing	4,000,000				4,000,000
DHCD	Public Housing - Affordable Housing Trust Fund	348	Statewide	Housing	5,000,000				5,000,000
DHCD	Capital Improvement and Preservation Fund	339	Statewide	Housing	5,000,000				5,000,000
DHCD	Community Based Housing	343	Statewide	Housing	5,000,000				5,000,000
DHCD	Facilities Consolidation Fund	341	Statewide	Housing	7,500,000				7,500,000
DHCD	Housing Innovations Fund	340	Statewide	Housing	8,000,000				8,000,000
DHCD	Housing Stabilization Fund	338	Statewide	Housing	13,000,000				13,000,000
DHCD	Tax Credit Assistance Program	692	Statewide	Housing			14,901,408		14,901,408
DHCD	Tax Credit Exchange	691	Statewide	Housing			26,430,922		26,430,922
DHCD	Weatherization Assistance Program	694	Statewide	Housing			30,883,748		30,883,748
DHCD	Affordable Housing Trust Fund	342	Statewide	Housing	35,000,000				35,000,000
DHCD	Public Housing - General	347	Statewide	Housing	85,000,000				85,000,000
<b>Housing Total</b>					<b>168,500,000</b>		<b>72,216,078</b>		<b>240,716,078</b>
DCAM	Second Data Center Construction	807	Springfield	Information Technology	8,862,700				8,862,700
EOAF	MassHR	719	Statewide	Information Technology	17,269,194				17,269,194
ITD	EOHHS Enterprise PC Refresh Strategy	939	Statewide	Information Technology	50,000				50,000
ITD	Student Educator Connector Project	590	Statewide	Information Technology	68,835				68,835



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					Approved Funding by Source				
Cap Agy	Project Name	Proj ID#	Location	Investment Category	State Bond Cap	Federal	ARRA	Other (Third Party, Accelerated Bridge, etc)	Total
ITD	Grants Information System	643	Statewide	Information Technology	68,835				68,835
ITD	Treasury Technology Infrastructure	971	Statewide	Information Technology	144,000				144,000
ITD	ANF IT Consolidation	912	Statewide	Information Technology	200,000				200,000
ITD	MassCourts	386	Statewide	Information Technology	200,000				200,000
ITD	Mass DPH Immunization Information System (MIIS)	899	Statewide	Information Technology	200,000				200,000
ITD	ELIPSYS Replacement Project	886	Statewide	Information Technology	204,000				204,000
ITD	Mass Budget Application (MBA)	366	Statewide	Information Technology	219,946				219,946
ITD	EOE Unified Communications	905	Statewide	Information Technology	280,492				280,492
ITD	Lottery Study	955	Statewide	Information Technology	400,000				400,000
ITD	State Library - Virtual Library	638	Statewide	Information Technology	400,000				400,000
ITD	State Auditor's Performance and Transparency Initiative	903	Statewide	Information Technology	500,000				500,000
ITD	Transparency/Open Checkbook Initiative	884	Statewide	Information Technology	643,100				643,100
ITD	Juvenile Justice System	600	Statewide	Information Technology	725,000				725,000
ITD	MassGIS	721	Statewide	Information Technology	857,896				857,896
ITD	Attorney General's Office Business Improvement	364	Statewide	Information Technology	900,000				900,000
ITD	eProcurement Roadmap	891	Statewide	Information Technology	953,800				953,800
ITD	MAGIC Modernization	385	Statewide	Information Technology	1,479,512				1,479,512
ITD	Next Generation Communications for HHS (VOIP)	379	Statewide	Information Technology	1,500,000				1,500,000
ITD	Shared Application Infrastructure	563	Statewide	Information Technology	1,550,000				1,550,000
ITD	Mass.Gov 2.0	407	Statewide	Information Technology	1,659,611				1,659,611
ITD	IT Capital Portfolio Management & Technology Services	564	Statewide	Information Technology	2,000,000				2,000,000
ITD	eLicensing	644	Statewide	Information Technology	2,000,000				2,000,000
ITD	Upgrade and Expand MassMail	408	Statewide	Information Technology	2,000,000				2,000,000
ITD	Vitals Information Partnership System (VIP)	557	Statewide	Information Technology	2,000,000				2,000,000
ITD	Mass. Broadband 123 - ITD	738	Statewide	Information Technology	3,100,000				3,100,000
ITD	Comprehensive Child Data System	374	Statewide	Information Technology	3,400,000				3,400,000

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					Approved Funding by Source				
Cap Agy	Project Name	Proj ID#	Location	Investment Category	State Bond Cap	Federal	ARRA	Other (Third Party, Accelerated Bridge, etc)	Total
ITD	ANF Technology Enhancements	904	Statewide	Information Technology	3,900,000				3,900,000
ITD	DUA QUEST Project	380	Statewide	Information Technology	4,091,900				4,091,900
ITD	Mass Budget Application (MBA) - Phase 2	882	Statewide	Information Technology	6,400,000				6,400,000
ITD	ITD Technology Plan	833	Statewide	Information Technology	9,200,000				9,200,000
ITD	IT Consolidation	601	Statewide	Information Technology	10,000,000				10,000,000
ITD	ICJIS	381	Statewide	Information Technology	10,000,000				10,000,000
ITD	MassTax System	373	Statewide	Information Technology	27,605,492				27,605,492
<b>Information Technology Total</b>					<b>125,034,313</b>				<b>125,034,313</b>
DCAM	MEMA Needs Assessment	927	Statewide	Public Safety	100,000				100,000
DCAM	Replacement Facilities For Chief Medical Examiner	86	Statewide	Public Safety	220,000				220,000
DCAM	Reserve for Future Projects per State Police Master Plan	584	Statewide	Public Safety	300,000				300,000
DCAM	Reserve for Construction Contract Settlements	90	Statewide	Public Safety	500,000				500,000
DCAM	National Guard Readiness Center - New Facility	797	Natick	Public Safety	180,000	540,000			720,000
DCAM	Renovation & Relocation of the Dukes County Sheriff's Office	915		Public Safety				1,167,200	1,167,200
DCAM	Chicopee Armory Repairs	861	Chicopee	Public Safety	800,000	850,000			1,650,000
DCAM	Western MA Fire Training Facility	517	Springfield	Public Safety				2,922,750	2,922,750
DCAM	Essex County Regional Emergency Communication Center	798	Middleton	Public Safety				6,691,832	6,691,832
EOPS	Public Safety Equipment	396	Statewide	Public Safety	500,000				500,000
EOPS	Fire Services Facility Equipment Upgrades	392	Statewide	Public Safety				575,000	575,000
EOPS	Mobile data terminal replacement	394	Statewide	Public Safety	1,200,000				1,200,000
EOPS	Department of Fire Services - Equipment	881	Statewide	Public Safety				5,450,000	5,450,000
EOPS	Cruiser replacement	393	Statewide	Public Safety	6,600,000				6,600,000
EOPS	Purchase of new Helicopters	395	Statewide	Public Safety	6,650,000				6,650,000
ITD	State Police 800 Mhz Radio Project	383	Western Mass	Public Safety	4,028,430				4,028,430
<b>Public Safety Total</b>					<b>21,078,430</b>	<b>1,390,000</b>		<b>16,806,782</b>	<b>39,275,212</b>
DCAM	Life Safety Improvements at Hurley Building	581	Boston	State Office Buildings & Facilities	350,000				350,000

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					Approved Funding by Source				
Cap Agy	Project Name	Proj ID#	Location	Investment Category	State Bond Cap	Federal	ARRA	Other (Third Party, Accelerated Bridge, etc)	Total
DCAM	Reserve for Construction Contract Settlements	4	Statewide	State Office Buildings & Facilities	500,000				500,000
DCAM	Roof and Exterior Repairs - State House	9	Boston	State Office Buildings & Facilities	1,057,000				1,057,000
DCAM	Executive Office of Labor and Workforce Development renovations	583	Brockton	State Office Buildings & Facilities	1,263,104				1,263,104
DCAM	Elevator Modernization - Transportation Office Bldg	12	Boston	State Office Buildings & Facilities	1,829,500				1,829,500
DCAM	Energy Conservation Retrofits and Renewable Energy at State Facilities	14	Statewide	State Office Buildings & Facilities	2,000,000				2,000,000
DCAM	Life Safety & Fire Alarm Improvements at State House	10	Boston	State Office Buildings & Facilities	2,021,000				2,021,000
DCAM	BSOB Mechanical Contract	820	Statewide	State Office Buildings & Facilities	2,996,760				2,996,760
DCAM	State Transportation Building - Chiller Plant Upgrade	917	Boston	State Office Buildings & Facilities	4,923,451				4,923,451
DCAM	ADA/Access Improvements, statewide	974	Statewide	State Office Buildings & Facilities	5,000,000				5,000,000
DCAM	DCAM Project Operations	5	Statewide	State Office Buildings & Facilities	14,000,000				14,000,000
DCAM	Maintenance Transfers Total	398	Statewide	State Office Buildings & Facilities	31,000,000				31,000,000
DCAM	Second Data Center	7	Springfield	State Office Buildings & Facilities	45,508,000				45,508,000
EOAF	Reasonable Accommodation Capital Reserve Account	580	Statewide	State Office Buildings & Facilities	150,000				150,000
<b>State Office Buildings and Facilities Total</b>					<b>112,598,815</b>				<b>112,598,815</b>
EOEA	DCR Parkway Maintenance	575	Statewide	Transportation	8,000,000				8,000,000
EOEA	DCR Parkway Reconstruction	568	Statewide	Transportation	10,000,000				10,000,000
EOTC	Salem Commuter Rail Station Improvements	844	Salem	Transportation	875,000				875,000
EOTC	MassDOT - Mass Transit Planning	331	Statewide	Transportation	1,500,000				1,500,000
EOTC	SIP - Red-Blue Subway Line Connector Study	332	Boston	Transportation	2,000,000				2,000,000
EOTC	Industrial Rail Access Program	933	Statewide	Transportation	2,000,000				2,000,000
EOTC	Intermodal Transportation	320	Statewide	Transportation	3,000,000				3,000,000
EOTC	Mobility Assistance Program	321	Statewide	Transportation	3,000,000				3,000,000
EOTC	Rail Transportation	322	Statewide	Transportation	3,000,000				3,000,000
EOTC	Beverly Commuter Rail Station Parking Garage	845	Beverly	Transportation	4,500,000				4,500,000
EOTC	State Infrastructure Bank	969	Statewide	Transportation	5,000,000				5,000,000
EOTC	Regional Transit Authority Capital Assistance	323	Statewide	Transportation	6,200,000				6,200,000

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EOTC	South Coast Rail	333	Southeastern Mass	Transportation	8,374,095				8,374,095
EOTC	MassDOT - Massachusetts Aeronautics Division	326	Statewide	Transportation	15,193,983				15,193,983
EOTC	MassDOT - Highway Division Utility Agreements	857	Statewide	Transportation	3,000,000	14,000,000			17,000,000
EOTC	MassDOT - South Station Rail Line Improvements	934	Boston	Transportation	3,000,000	15,000,000			18,000,000
EOTC	SIP - Green Line Subway Extension	330	Greater Boston	Transportation	19,690,000				19,690,000
EOTC	SIP - Fairmount Commuter Rail Improvements	328	Greater Boston	Transportation	36,407,815				36,407,815
EOTC	MassDOT - Knowledge Corridor High Speed Rail Improvements	932	Western Mass.	Transportation	8,000,000	32,000,000			40,000,000
EOTC	ARRA - Highway Infrastructure Investments	697	Statewide	Transportation			66,250,081		66,250,081
EOTC	Statewide Road and Bridge Program Federally Assisted Construction (FA) - Interstate	334	Statewide	Transportation	8,769,583	64,310,274			73,079,857
EOTC	MassDOT - Office of Planning and Programming	859	Statewide	Transportation	54,016,235	19,135,560			73,151,795
EOTC	Central Artery Tunnel Project	337	Boston	Transportation				102,000,000	102,000,000
EOTC	Statewide Road and Bridge (NFA) Maintenance	576	Statewide	Transportation	108,086,617				108,086,617
EOTC	MassDOT - Highway Division Project Operations	858	Statewide	Transportation	160,576,666	60,462,322		6,948,988	227,987,976
EOTC	Accelerated Bridge Program - MassDOT	828	Statewide	Transportation				350,564,810	350,564,810
EOTC	Statewide Road and Bridge Program Federally Assisted Construction (FA) - Non Interstate	335	Statewide	Transportation	86,983,768	308,396,998			395,380,766
ITD	New Automated Licensing and Registration System (ALARs) - RMV	384	Statewide	Transportation	10,000,000				10,000,000
<b>Transportation Total</b>					<b>571,173,762</b>	<b>513,305,154</b>	<b>66,250,081</b>	<b>459,513,798</b>	<b>1,610,242,795</b>
<b>Grand Total</b>					<b>1,898,165,051</b>	<b>598,304,357</b>	<b>138,466,159</b>	<b>743,357,138</b>	<b>3,377,292,705</b>



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

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**Reserve for Construction Contract Settlements**

*Project ID# 4*

*Fiscal Year 2012 funding from all sources: \$500,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Division of Capital Asset Management and Maintenance

This funds a reserve against potential claims for construction costs on previous projects.

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**Second Data Center**

*Project ID# 7*

*Fiscal Year 2012 funding from all sources: \$45,508,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Information Technology Division

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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**Life Safety & Fire Alarm Improvements at State House**

*Project ID# 10*

*Fiscal Year 2012 funding from all sources: \$2,021,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Division of Capital Asset Management and Maintenance

This funds emergency life safety and fire alarm improvements at the State House as identified in a recent master plan.

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**Energy Conservation Retrofits and Renewable Energy at State Facilities**

*Project ID# 14*

*Fiscal Year 2012 funding from all sources: \$2,000,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Division of Capital Asset Management and Maintenance

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.

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**Hogan Boiler Replacement**

*Project ID# 28*

*Fiscal Year 2012 funding from all sources: \$2,500,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

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

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

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**Reserve for Construction Contract Settlements**

*Project ID# 33*

*Fiscal Year 2012 funding from all sources: \$500,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

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

This funds a reserve against potential claims for construction costs on previous projects.

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**Salem/J.M. Ruane Judicial Center**

*Project ID# 48*

*Fiscal Year 2012 funding from all sources: \$7,800,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Trial Court*

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.

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**Cambridge Sullivan Courthouse project - Temporary Relocation Costs**

*Project ID# 51*

*Fiscal Year 2012 funding from all sources: \$12,198,282*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Trial Court*

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.

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**Reserve for Construction Contract Settlements**

*Project ID# 65*

*Fiscal Year 2012 funding from all sources: \$1,000,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Trial Court*

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

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**Hayes Report Recommendations - Retrofits for Suicide Prevention**

*Project ID# 68*

*Fiscal Year 2012 funding from all sources: \$2,000,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Correction*

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

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**Replacement Facilities For Chief Medical Examiner**

*Project ID# 86*

*Fiscal Year 2012 funding from all sources: \$220,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Office of the Chief Medical Examiner*

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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**Division of Fish and Wildlife Headquarters**

*Project ID# 103*

*Fiscal Year 2012 funding from all sources: \$2,000,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Fish and Game*



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Study, design & construction of new building and renovation to existing Cronin Building for Field HQ for the Division of Fisheries and Wildlife. This will replace and expand the outdated, severely overcrowded facilities and has potential to be Commonwealth's first net zero energy building.

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**UMass Amherst - New Academic Classroom Building**

*Project ID# 109*

*Fiscal Year 2012 funding from all sources: \$3,051,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* University of Massachusetts

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.

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**UMass Boston - Substructure Stabilization and Alternate Parking Improvements**

*Project ID# 118*

*Fiscal Year 2012 funding from all sources: \$7,000,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* University of Massachusetts

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.

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**UMass Lowell - Emerging Technology & Innovation Center**

*Project ID# 128*

*Fiscal Year 2012 funding from all sources: \$14,000,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* University of Massachusetts

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

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**UMass Medical - Institute of Labs Life Safety Improvements**

*Project ID# 137*

*Fiscal Year 2012 funding from all sources: \$2,019,846*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* University of Massachusetts

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.

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**Reserve for Construction Contract Settlements**

*Project ID# 142*

*Fiscal Year 2012 funding from all sources: \$500,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* University of Massachusetts

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

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**Bristol Community College - Fall River Tech Building**

*Project ID# 145*

*Fiscal Year 2012 funding from all sources: \$212,272*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Higher Education*

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

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**Greenfield Community College - Campus Core Modernization**

*Project ID# 154*

*Fiscal Year 2012 funding from all sources: \$1,300,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Higher Education*

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.

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**North Shore Community College - New Allied Health & Science Building**

*Project ID# 166*

*Fiscal Year 2012 funding from all sources: \$2,383,252*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Higher Education*

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.

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**Quinsigamond Community College - New Academic Building**

*Project ID# 168*

*Fiscal Year 2012 funding from all sources: \$127,500*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Higher Education*

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

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**Reserve for Construction Contract Settlements**

*Project ID# 174*

*Fiscal Year 2012 funding from all sources: \$371,648*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Higher Education*

This funds a reserve against potential claims for construction costs on previous projects.

---

**Farm Viability Enhancement Program (FVEP)**

*Project ID# 177*

*Fiscal Year 2012 funding from all sources: \$1,000,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Agricultural Resources*

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

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**Greylock Glen -Outdoor Recreation and Environmental Education Center**

*Project ID# 180*

*Fiscal Year 2012 funding from all sources: \$400,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

The funding will be 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.

---

**Comfort Station Rehabilitation**

*Project ID# 190*

*Fiscal Year 2012 funding from all sources: \$1,000,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

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

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**Dam Rehabilitation Program**

*Project ID# 193*

*Fiscal Year 2012 funding from all sources: \$2,000,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

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. DCR as the regulatory agency for Dams must work toward addressing the agencies High Hazard and Significant hazard dams.

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**Deferred Maintenance & Small Repairs DCR**

*Project ID# 195*

*Fiscal Year 2012 funding from all sources: \$5,700,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

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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**Flood Control Annual Maintenance**

*Project ID# 198*

*Fiscal Year 2012 funding from all sources: \$1,000,000*

*Project managed by: Office of the Secretary of Environmental Affairs*



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*Project to benefit:* Department of Conservation and Recreation

This program funds the major 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.

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**Playground Improvements**

**Project ID# 206**

*Fiscal Year 2012 funding from all sources:* \$500,000

*Project managed by:* Office of the Secretary of Environmental Affairs

*Project to benefit:* Department of Conservation and Recreation

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.

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**Rink Maintenance, Rehabilitation and Improvements**

**Project ID# 210**

*Fiscal Year 2012 funding from all sources:* \$1,000,000

*Project managed by:* Office of the Secretary of Environmental Affairs

*Project to benefit:* Department of Conservation and Recreation

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

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**Tennis & Basketball Court Rehabilitation**

**Project ID# 218**

*Fiscal Year 2012 funding from all sources:* \$300,000

*Project managed by:* Office of the Secretary of Environmental Affairs

*Project to benefit:* Department of Conservation and Recreation

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.

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**DCR Equipment**

**Project ID# 222**

*Fiscal Year 2012 funding from all sources:* \$1,000,000

*Project managed by:* Office of the Secretary of Environmental Affairs

*Project to benefit:* Department of Conservation and Recreation

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.

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**DCR Project Operations**

**Project ID# 230**

*Fiscal Year 2012 funding from all sources:* \$13,500,000

*Project managed by:* Office of the Secretary of Environmental Affairs

*Project to benefit:* Department of Conservation and Recreation

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

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**Canton Airport Site Remediation**

*Project ID# 238*

*Fiscal Year 2012 funding from all sources: \$5,700,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

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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**Public Private Partnerships Program**

*Project ID# 252*

*Fiscal Year 2012 funding from all sources: \$1,500,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

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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**Coastal Resource Protection Program Support**

*Project ID# 260*

*Fiscal Year 2012 funding from all sources: \$450,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

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

This fixed program funds the 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. 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.

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**Solid Waste Management and Recycling Technical Assistance and Regulatory Development Program**

*Project ID# 271*

*Fiscal Year 2012 funding from all sources: \$1,564,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Environmental Protection*

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

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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.

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**EPA 10% Match on Superfund Clean Up Sites**

*Project ID# 274*

*Fiscal Year 2012 funding from all sources: \$3,000,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Environmental Protection*

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.

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**Wetlands Change/Protection Project**

*Project ID# 281*

*Fiscal Year 2012 funding from all sources: \$200,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Environmental Protection*

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 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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**Enforcement Support and Brownfields**

*Project ID# 283*

*Fiscal Year 2012 funding from all sources: \$3,220,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Environmental Protection*

This project provides crucial technical, scientific and financial support to enable the Department to cleanup hazardous waste sites, pursue enforcement activities against polluters and to recover costs and secure revenue to maintain ongoing program activities. This program funds the Financial Assurance mechanism needed to comply with the Pollution Remediation Liabilities of the Commonwealth under Chapter 21E of the MGL. and the Government Accounting Standards Board (GASB) Rule 49. 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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**River Revitalization & Riverine Habitat Restoration**

**Project ID# 290**

*Fiscal Year 2012 funding from all sources: \$1,000,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Fish and Game*

Funding for Division of Ecological Restoration (DER) projects including dam removal, culvert replacement, stream naturalization, and other physical restoration techniques. These projects restore degraded aquatic habitats, improve habitat for commercial and recreational fish species, improve water quality, reduce flooding, and protect water supplies. Engineering and construction jobs are created through this investment.

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**Marine Fisheries Institute/Facility Repair**

**Project ID# 293**

*Fiscal Year 2012 funding from all sources: \$500,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Fish and Game*

For facility repairs and deferred maintenance at DFG district offices, fish hatcheries, Marine Fisheries Institute, and wildlife management areas to maintain public health, safety, and work environments and to address public safety issues at DFG facilities. Engineering and construction jobs are created through this investment.

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**Working Forest Preservation Restriction**

**Project ID# 311**

*Fiscal Year 2012 funding from all sources: \$750,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

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 is 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 are held by DCR or DAR. This program fills a needed niche in the land conservation matrix by reducing state management costs via private ownership and enhancing sustainable forest and forest conservation via a voluntary, application program.

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**Intermodal Transportation**

**Project ID# 320**

*Fiscal Year 2012 funding from all sources: \$3,000,000*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

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.



**Rail Transportation**

*Project ID# 322*

*Fiscal Year 2012 funding from all sources: \$3,000,000*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

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.

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**MassDOT - Massachusetts Aeronautics Division**

*Project ID# 326*

*Fiscal Year 2012 funding from all sources: \$15,193,983*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

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 statewide aviation planning.

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**SIP - Green Line Subway Extension**

*Project ID# 330*

*Fiscal Year 2012 funding from all sources: \$19,690,000*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

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

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**SIP - Red-Blue Subway Line Connector Study**

*Project ID# 332*

*Fiscal Year 2012 funding from all sources: \$2,000,000*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

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.

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**Statewide Road and Bridge Program Federally Assisted Construction  
(FA) - Interstate**

*Project ID# 334*

*Fiscal Year 2012 funding from all sources: \$73,079,857*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

This program funds the Commonwealth's share for federally assisted transportation projects on Interstate roads and bridges. These projects receive over 80% of the costs reimbursement by the federal government.





**Central Artery Tunnel Project**

*Project ID# 337*

*Fiscal Year 2012 funding from all sources: \$102,000,000*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

This project funds the Commonwealth's share of the Central Artery Tunnel Project.

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**Capital Improvement and Preservation Fund**

*Project ID# 339*

*Fiscal Year 2012 funding from all sources: \$5,000,000*

*Project managed by: Department of Housing and Community Development*

*Project to benefit: Department of Housing and Community Development*

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

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**Facilities Consolidation Fund**

*Project ID# 341*

*Fiscal Year 2012 funding from all sources: \$7,500,000*

*Project managed by: Department of Housing and Community Development*

*Project to benefit: Department of Housing and Community Development*

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.

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**Community Based Housing**

*Project ID# 343*

*Fiscal Year 2012 funding from all sources: \$5,000,000*

*Project managed by: Department of Housing and Community Development*

*Project to benefit: Department of Housing and Community Development*

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.

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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.

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**Mass. Rehab's Home Modification Loan Program**

*Project ID# 346*

*Fiscal Year 2012 funding from all sources: \$4,000,000*

*Project managed by:* Department of Housing and Community Development

*Project to benefit:* Department of Housing and Community Development

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

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**Public Housing - Affordable Housing Trust Fund**

*Project ID# 348*

*Fiscal Year 2012 funding from all sources: \$5,000,000*

*Project managed by:* Department of Housing and Community Development

*Project to benefit:* Department of Housing and Community Development

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.

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**Historic Preservation Grants**

*Project ID# 352*

*Fiscal Year 2012 funding from all sources: \$1,550,000*

*Project managed by:* Office of the Secretary of Administration and Finance

*Project to benefit:* Secretary of the Commonwealth

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

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**Board of Library Commissioners - Library Construction Grants**

*Project ID# 354*

*Fiscal Year 2012 funding from all sources: \$10,000,000*

*Project managed by:* Office of the Secretary of Administration and Finance

*Project to benefit:* Board of Library Commissioners

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.





**Capital Improvements at Devens**

*Project ID# 358*

*Fiscal Year 2012 funding from all sources: \$3,000,000*

*Project managed by: Office of the Secretary of Administration and Finance*

*Project to benefit: Office of the Secretary of Administration and Finance*

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.

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**"I-cubed" Economic Development Projects**

*Project ID# 363*

*Fiscal Year 2012 funding from all sources: \$50,000,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Office of the Secretary of Administration and Finance*

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

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**Mass Budget Application (MBA)**

*Project ID# 366*

*Fiscal Year 2012 funding from all sources: \$219,946*

*Project managed by: Information Technology Division*

*Project to benefit: Office of the Secretary of Administration and Finance*

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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**Comprehensive Child Data System**

*Project ID# 374*

*Fiscal Year 2012 funding from all sources: \$3,400,000*

*Project managed by: Information Technology Division*

*Project to benefit: Department of Early Education and Care*

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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**DUA QUEST Project**

*Project ID# 380*

*Fiscal Year 2012 funding from all sources: \$4,091,900*

*Project managed by: Information Technology Division*

*Project to benefit: Department of Workforce Development*

This is a multi-phased, multi-year project to replace the unemployment insurance (UI) and revenue applications.



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**State Police 800 Mhz Radio Project**

*Project ID# 383*

*Fiscal Year 2012 funding from all sources: \$4,028,430*

*Project managed by: Information Technology Division*

*Project to benefit: Department of State Police*

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.

---

**MAGIC Modernization**

*Project ID# 385*

*Fiscal Year 2012 funding from all sources: \$1,479,512*

*Project managed by: Information Technology Division*

*Project to benefit: Group Insurance Commission*

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 reduce healthcare costs.

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**Municipal Public Safety Grants**

*Project ID# 389*

*Fiscal Year 2012 funding from all sources: \$100,000*

*Project managed by: Executive Office of Public Safety*

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

This funding represents previous year commitments from grants approved by the Executive Office of Public Safety three years ago.

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**Fire Services Facility Equipment Upgrades**

*Project ID# 392*

*Fiscal Year 2012 funding from all sources: \$575,000*

*Project managed by: Executive Office of Public Safety*

*Project to benefit: Department of Fire Services*

This program funds the ongoing cost for facility and equipment needs for the Department of Fire Services.

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**Mobile data terminal replacement**

*Project ID# 394*

*Fiscal Year 2012 funding from all sources: \$1,200,000*

*Project managed by: Executive Office of Public Safety*

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

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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**Public Safety Equipment**

*Project ID# 396*

*Fiscal Year 2012 funding from all sources: \$500,000*

*Project managed by: Executive Office of Public Safety*

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

This program funds the ongoing cost for facility and equipment needs for the Dept of Public Safety.

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**Mass.Gov 2.0**

*Project ID# 407*

*Fiscal Year 2012 funding from all sources: \$1,659,611*

*Project managed by: Information Technology Division*

*Project to benefit: Information Technology Division*

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.

---

**Holyoke Community College - Interior Building Renovations**

*Project ID# 411*

*Fiscal Year 2012 funding from all sources: \$1,430,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Higher Education*

This funds renovation and expansion including building envelope repairs for Building G.

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**Georges Island Pier**

*Project ID# 456*

*Fiscal Year 2012 funding from all sources: \$1,200,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

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.

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**MA College of Liberal Arts - New Center for Science & Innovation/Bowman Hall**

*Project ID# 487*

*Fiscal Year 2012 funding from all sources: \$7,150,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Higher Education*

This funds a new science facility and improvements to existing facilities at MCLA.

---

**UMass Boston - Integrated Science Complex**

*Project ID# 500*

*Fiscal Year 2012 funding from all sources: \$42,541,339*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: University of Massachusetts*

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.

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**Connors Pool Renovation**

*Project ID# 503*

*Fiscal Year 2012 funding from all sources: \$4,353,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

This funds the renovation of existing pool and pool building.

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**Demolition at Taunton State Hospital**

*Project ID# 510*

*Fiscal Year 2012 funding from all sources: \$1,500,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

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

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.

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**Repairs, demolition and addition at DYS Springfield**

*Project ID# 516*

*Fiscal Year 2012 funding from all sources: \$2,133,100*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Youth Services*

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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**Worcester Sheriff's Department - Emergency Repairs**

*Project ID# 518*

*Fiscal Year 2012 funding from all sources: \$550,174*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Worcester Sheriff's Department*

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

---

**Water Pollution Abatement Trust - Title V Community Septic Loan Program**

*Project ID# 552*

*Fiscal Year 2012 funding from all sources: \$1,500,000*

*Project managed by: Office of the Secretary of Administration and Finance*

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

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

---

**Shared Application Infrastructure**

*Project ID# 563*

*Fiscal Year 2012 funding from all sources: \$1,550,000*

*Project managed by: Information Technology Division*

*Project to benefit: Information Technology Division*

SAI project will build the infrastructure to enable both technology and information sharing between Commonwealth Agencies.

---

**DCR Parkway Reconstruction**

*Project ID# 568*

*Fiscal Year 2012 funding from all sources: \$10,000,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

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This funds the construction and significant renovations of parkways under the control of DCR. At the present time this program is funding Nahant Causeway and Reservation, Wachusett Mountain Road and Summitt and will fund Memorial Drive Phase II and several new designs.

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**Statewide Road and Bridge (NFA) Maintenance**

*Project ID# 576*

*Fiscal Year 2012 funding from all sources: \$108,086,617*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

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

---

**Life Safety Improvements at Hurley Building**

*Project ID# 581*

*Fiscal Year 2012 funding from all sources: \$350,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Bureau of State Office Buildings*

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

---

**Reserve for Future Projects per State Police Master Plan**

*Project ID# 584*

*Fiscal Year 2012 funding from all sources: \$300,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

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

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.

---

**Student Educator Connector Project**

*Project ID# 590*

*Fiscal Year 2012 funding from all sources: \$68,835*

*Project managed by: Information Technology Division*

*Project to benefit: Office of the Secretary of Education*

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.

---

**Facility Improvements to Middlesex County Correctional Facilities**

*Project ID# 598*

*Fiscal Year 2012 funding from all sources: \$4,890,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Office of the Secretary of Administration and Finance*

This funds facility upgrades at the Billerica Jail and House of Correction in order to accommodate the acquisition of new inmates.

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**IT Consolidation**

*Project ID# 601*

*Fiscal Year 2012 funding from all sources: \$10,000,000*

*Project managed by: Information Technology Division*

*Project to benefit: Information Technology Division*

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Multi pronged effort to consolidate IT services and infrastructure across the Commonwealth to improve efficiency, effectiveness, and information security.

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**Cultural Facilities Fund**

*Project ID# 639*

*Fiscal Year 2012 funding from all sources: \$5,000,000*

*Project managed by:* Office of the Secretary of Administration and Finance

*Project to benefit:* Massachusetts Cultural Council

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

---

**eLicensing**

*Project ID# 644*

*Fiscal Year 2012 funding from all sources: \$2,000,000*

*Project managed by:* Information Technology Division

*Project to benefit:* Division of Professional Licensure

Replace a mainframe legacy professional 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.

---

**DDS Fernald - Closure / Disposition**

*Project ID# 647*

*Fiscal Year 2012 funding from all sources: \$22,100*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Department of Developmental Services

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.

---

**Westfield State University - New Academic Building**

*Project ID# 659*

*Fiscal Year 2012 funding from all sources: \$500,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Department of Higher Education

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

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**Chelsea Soldiers Home - Improvements Study**

*Project ID# 661*

*Fiscal Year 2012 funding from all sources: \$100,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Department of Veterans' Services

This project will address the building envelope problems at the several buildings at the Chelsea Soldier's home. All of the masonry buildings have significant water intrusion issues and are poorly insulated with single pane windows.

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**Study for New Middlesex Trial Courthouse**

*Project ID# 681*

*Fiscal Year 2012 funding from all sources: \$250,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Trial Court

This funds a study for the long-term disposition and replacement of the Edward J. O'Brien Courthouse in Cambridge.

---

**Tax Credit Exchange**

*Project ID# 691*

*Fiscal Year 2012 funding from all sources: \$26,430,922*

*Project managed by:* Department of Housing and Community Development

*Project to benefit:* Department of Housing and Community Development

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.

---

**Weatherization Assistance Program**

*Project ID# 694*

*Fiscal Year 2012 funding from all sources: \$30,883,748*

*Project managed by:* Department of Housing and Community Development

*Project to benefit:* Department of Housing and Community Development

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

---

**ARRA - Highway Infrastructure Investments**

*Project ID# 697*

*Fiscal Year 2012 funding from all sources: \$66,250,081*

*Project managed by:* Office of the Secretary of Transportation

*Project to benefit:* Department of Transportation

This ARRA program funds restoration, repair, construction and other activities under the Surface Transportation Program.

---

**Zoo New England Capital Costs**

*Project ID# 707*

*Fiscal Year 2012 funding from all sources: \$2,000,000*

*Project managed by:* Office of the Secretary of Administration and Finance

*Project to benefit:* Office of the Secretary of Administration and Finance

This funds capital costs for the Massachusetts Zoological Corporation.

---

**Bird Island Coastal Habitat Restoration**

*Project ID# 716*

*Fiscal Year 2012 funding from all sources: \$4,195,590*

*Project managed by:* Office of the Secretary of Environmental Affairs

*Project to benefit:* Department of Fish and Game

This Army Corps of Engineers authorized project will repair a seawall and replace lost fill on Bird Island. ACOE will fund 65% of the \$4,268,600 construction project which will create dozens of jobs. This

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project will restore critical coastal habitat for the Roseate Tern, a state and federally listed Endangered Species. Bird Island is the second largest Roseate Tern nesting colony in North America and the largest in Massachusetts.

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**MassHR**

*Project ID# 719*

*Fiscal Year 2012 funding from all sources: \$17,269,194*

*Project managed by: Office of the Secretary of Administration and Finance*

*Project to benefit: Human Resources Division*

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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**Columbia Greenway Bike Trail Design and Construction, Westfield**

*Project ID# 726*

*Fiscal Year 2012 funding from all sources: \$1,000,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

*Project to benefit: Department of Conservation and Recreation*

Development of the Westfield section of the MA Central Rail Trail. Design is 90% complete and DCR will work cooperatively with the City of Westfield on construction of this important section of the MA Central Rail Trail.

---

**Mass. Broadband 123  
- ITD**

*Project ID# 738*

*Fiscal Year 2012 funding from all sources: \$3,100,000*

*Project managed by: Information Technology Division*

*Project to benefit: Information Technology Division*

Implement an enterprise network architecture that addresses voice/data convergence, reduces duplication and redundancy, and accommodates scalability for future needs.

---

**Barnstable Bulkhead Reconstruction**

*Project ID# 748*

*Fiscal Year 2012 funding from all sources: \$300,000*

*Project managed by: Office of the Secretary of Administration and Finance*

*Project to benefit: Municipality*

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.

---

**New Salem Academy Historic Renovation**

*Project ID# 750*

*Fiscal Year 2012 funding from all sources: \$48,675*

*Project managed by: Office of the Secretary of Administration and Finance*

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*Project to benefit:* Municipality

This provides matching grant funds for the restoration of the historic New Salem Academy Building.

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**Three County Fairgrounds Improvements**

*Project ID# 764*

*Fiscal Year 2012 funding from all sources:* \$1,000,000

*Project managed by:* Office of the Secretary of Environmental Affairs

*Project to benefit:* Department of Agricultural Resources

Improvements at the Three County Fairgrounds in Northampton including demolition of existing building, site preparation, and construction of a three (3) 100-stall horsebarn with fixtures. 11.5 construction jobs created in FY12.

---

**Hampshire Sheriff Department - Pre-Release / Re-Entry Center - Expansion**

*Project ID# 769*

*Fiscal Year 2012 funding from all sources:* \$1,415,000

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Hampshire Sheriff's Department

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.

---

**Hampden Sheriff's Department - Western MA Regional Women's Correctional Center Expansion**

*Project ID# 771*

*Fiscal Year 2012 funding from all sources:* \$5,738,551

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Hampden Sheriff's Department

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.

---

**Massasoitt Community College - Roof and HVAC repairs**

*Project ID# 796*

*Fiscal Year 2012 funding from all sources:* \$2,104

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Department of Higher Education

This funds improvements to HVAC units and various roof repairs at Massasoitt Community College.

---

**Essex County Regional Emergency Communication Center**

*Project ID# 798*

*Fiscal Year 2012 funding from all sources:* \$6,691,832

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Essex Sheriff's Department

This funds the initial planning for a future Essex County Regional Emergency Communication Center.

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**Independent Heating Plant for 3rd District Court Cambridge**

*Project ID# 805*

*Fiscal Year 2012 funding from all sources: \$200,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Trial Court*

Temporary Boilers/Steam Disconnect for 3 Cambridge Cts & Permanent Boilers at Cambridge

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**Middlesex Community College - New Academic Arts Center**

*Project ID# 808*

*Fiscal Year 2012 funding from all sources: \$223,481*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Higher Education*

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

---

**BSOB Mechanical Contract**

*Project ID# 820*

*Fiscal Year 2012 funding from all sources: \$2,996,760*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Office of the Secretary of Administration and Finance*

BSOB Mechanical Contract

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**Suffolk Sheriff's Department - Glazing and Sealant Repairs**

*Project ID# 823*

*Fiscal Year 2012 funding from all sources: \$2,041,600*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Suffolk Sheriff's Department*

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

---

**New Bedford Marine Commerce Terminal**

*Project ID# 832*

*Fiscal Year 2012 funding from all sources: \$36,000,000*

*Project managed by: Office of the Secretary of Administration and Finance*

*Project to benefit: Municipality*

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

---

**Consolidated IT Program**

*Project ID# 834*

*Fiscal Year 2012 funding from all sources: \$2,000,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

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

EEA IT design, development, enhancement, and maintenance of applications for EEA and its agencies under the consolidated IT model. These systems are critical to the successful implementation of energy and environmental programs and public access to information.

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**North Shore CC - Study for the Expansion of the College in Lynn**

*Project ID# 839*

*Fiscal Year 2012 funding from all sources: \$175,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Higher Education*

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

---

**Salem Commuter Rail Station Improvements**

*Project ID# 844*

*Fiscal Year 2012 funding from all sources: \$875,000*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

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.

---

**MassWorks - Infrastructure Grant Awards**

*Project ID# 846*

*Fiscal Year 2012 funding from all sources: \$46,100,000*

*Project managed by: Office of the Secretary of Administration and Finance*

*Project to benefit: Municipality*

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.

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**ARRA Matching Grant - Ware**

*Project ID# 850*

*Fiscal Year 2012 funding from all sources: \$1,000,000*

*Project managed by: Office of the Secretary of Administration and Finance*

*Project to benefit: Municipality*

State grant to the town of Ware to provide matching funds for \$5 million federal grant to replace fire station.

---

**MassDOT - Highway Division Utility Agreements**

*Project ID# 857*

*Fiscal Year 2012 funding from all sources: \$17,000,000*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

This funds the utility agreement costs associated with transportation construction projects.

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**MassDOT - Office of Planning and Programming**

*Project ID# 859*

*Fiscal Year 2012 funding from all sources: \$73,151,795*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

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

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**Chicopee Armory Repairs**

*Project ID# 861*

*Fiscal Year 2012 funding from all sources: \$1,650,000*

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Military Division

Deferred maintenance of the Chicopee Armory.

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**Sustainable Water Management Initiative (SWMI)**

*Project ID# 873*

*Fiscal Year 2012 funding from all sources: \$960,000*

*Project managed by:* Office of the Secretary of Environmental Affairs

*Project to benefit:* Department of Environmental Protection

Municipal grants directed toward Water supply related mitigation and conservation (including new device installation at municipal buildings, internal plumbing fixtures retrofits and outdoor watering restrictions); Physical stream/ habitat mitigation and connectivity improvements such as a) fish ladders b) replacing and re-sizing culverts, c) dam removals; and Water quality mitigation such as adopting ms4 requirements where not required (in "rest of town" or in town not subject to ms4 requirements) and enacting Low Impact Development (LID) stormwater bylaws.

---

**Public Safety Facility Equipment upgrades**

*Project ID# 880*

*Fiscal Year 2012 funding from all sources: \$500,000*

*Project managed by:* Executive Office of Public Safety

*Project to benefit:* Department of Correction

Funding from 8000-2011 for non-DIC equipment needs

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**Mass Budget Application (MBA) - Phase 2**

*Project ID# 882*

*Fiscal Year 2012 funding from all sources: \$6,400,000*

*Project managed by:* Information Technology Division

*Project to benefit:* Office of the Secretary of Administration and Finance

Extend MA Budget Application (MBA) to House/Senate Ways and Means to achieve common budget platform for Commonwealth; enhance MBA to support capital budgeting; implement OBIEE-supported budget publication/executive level dashboards; collect user feedback and develop additional enhancements.

---

**ELIPSYS Replacement Project**

*Project ID# 886*

*Fiscal Year 2012 funding from all sources: \$204,000*

*Project managed by:* Information Technology Division

*Project to benefit:* Human Resources Division

The ELIPSYS application replacement will mitigate the risk of service interruptions, foster effective

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business procedures and allow for Civil Service administrative activities to be conducted within a usable, stable and supportable software deployment.

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**eProcurement Roadmap**

*Project ID# 891*

*Fiscal Year 2012 funding from all sources: \$953,800*

*Project managed by: Information Technology Division*

*Project to benefit: Operational Services Division*

Development of a strategic plan for achieving a fully integrated eProcurement System, along with an approach for addressing the expiring Comm-PASS managed services and hosting agreements.

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**i-FamilyNet: Enterprise Children and Families Case Management System**

*Project ID# 896*

*Fiscal Year 2012 funding from all sources: \$3,396,285*

*Project managed by: Information Technology Division*

*Project to benefit: Department of Children and Families*

The i-Familynet project involves developing and implementing a new web-based SACWIS system and a Data Warehouse to replace the FamilyNet client/server system currently in use. A new system is needed to support the defense of the Connor B. lawsuit, meet requirements of Commonwealth's 2008 Act to Protect Children & the federal Fostering Connections Act, and reduce current system's risk of failure.

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**Integrated Eligibility System for Enterprise Means Based Programs**

*Project ID# 900*

*Fiscal Year 2012 funding from all sources: \$8,004,445*

*Project managed by: Information Technology Division*

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

The Patient Protection Affordable Care Act of 2010 (PPACA) requires integration of Medicaid eligibility processing with a state's Health Insurance Exchange (HIX). Phase 1 will integrate the HIX with current legacy processes. Phase 2 will replace legacy processes and promote a single entry point for citizens of Massachusetts to the Commonwealth's services.

---

**Federal Stimulus Technology Infrastructure**

*Project ID# 902*

*Fiscal Year 2012 funding from all sources: \$25,096,667*

*Project managed by: Information Technology Division*

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

This project will develop and deploy technology enhancements to support federal stimulus initiatives under ARRA and healthcare processing system including changes to the Medicaid processing systems and related HHS system enhancements.

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**ANF Technology Enhancements**

*Project ID# 904*

*Fiscal Year 2012 funding from all sources: \$3,900,000*

*Project managed by: Information Technology Division*

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*Project to benefit:* Office of the Secretary of Administration and Finance  
Create roadmap for a statewide executive-level data collection and analysis system.

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**ANF IT Consolidation**

*Project ID# 912*

*Fiscal Year 2012 funding from all sources:* \$200,000  
*Project managed by:* Information Technology Division  
*Project to benefit:* Office of the Secretary of Administration and Finance  
Provide hardware, software, and support necessary to continue the statewide IT consolidation effort.

---

**MCLA - Bowman Hall Renovation**

*Project ID# 916*

*Fiscal Year 2012 funding from all sources:* \$360,000  
*Project managed by:* Division of Capital Asset Management and Maintenance  
*Project to benefit:* Department of Higher Education  
Bowman Hall Renovation at the Mass College of Liberal Arts.

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**DCR Cambridge/North Pt - New Maintenance Facility (STUDY ONLY)**

*Project ID# 918*

*Fiscal Year 2012 funding from all sources:* \$130,000  
*Project managed by:* Division of Capital Asset Management and Maintenance  
*Project to benefit:* Department of Conservation and Recreation  
This funds a study for the construction of a new maintenance facility in the North Point area of Cambridge for DCR assets in the Charles River Basin.

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**Institute of Labs Future Comprehensive Phased Renovations Study**

*Project ID# 921*

*Fiscal Year 2012 funding from all sources:* \$451,200  
*Project managed by:* Division of Capital Asset Management and Maintenance  
*Project to benefit:* University of Massachusetts  
Institute of Labs Future Comprehensive Phased Renovations Study

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**EHS - Campus Closures - Demo, remediation and Ongoing Costs**

*Project ID# 924*

*Fiscal Year 2012 funding from all sources:* \$1,000,000  
*Project managed by:* Division of Capital Asset Management and Maintenance  
*Project to benefit:* Department of Mental Health  
This funds the capital costs associated with the closure of Health and Human Services campuses, such as demolition and remediation, as well as ongoing costs necessary to secure facilities during the disposition process.

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**MEMA Needs Assessment**

*Project ID# 927*

*Fiscal Year 2012 funding from all sources:* \$100,000  
*Project managed by:* Division of Capital Asset Management and Maintenance  
*Project to benefit:* Mass Emergency Management Agency  
Needs Assessment for MEMA facilities.

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**Tewksbury State Hospital - Improvements to Saunders Building - study** *Project ID# 929*

*Fiscal Year 2012 funding from all sources: \$50,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Department of Mental Health*

Tewksbury State Hospital - Improvements to Saunders Building - study

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**Strategic Master Plan for Courts** *Project ID# 931*

*Fiscal Year 2012 funding from all sources: \$500,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Trial Court*

Strategic Master Plan for Courts

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**Industrial Rail Access Program** *Project ID# 933*

*Fiscal Year 2012 funding from all sources: \$2,000,000*

*Project managed by: Office of the Secretary of Transportation*

*Project to benefit: Department of Transportation*

This program funds improvements to rail infrastructure in order to provide businesses access to freight rail.

---

**EOHHS Enterprise PC Refresh Strategy** *Project ID# 939*

*Fiscal Year 2012 funding from all sources: \$50,000*

*Project managed by: Information Technology Division*

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

Procure hardware necessary for EOHHS IT.

---

**Energy Project Worcester Sheriff's Department - HVAC** *Project ID# 945*

*Fiscal Year 2012 funding from all sources: \$1,000,000*

*Project managed by: Division of Capital Asset Management and Maintenance*

*Project to benefit: Worcester Sheriff's Department*

Energy efficiency improvements at the Worcester Sheriff's Department

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**Equipment for Vocational Schools** *Project ID# 956*

*Fiscal Year 2012 funding from all sources: \$1,000,000*

*Project managed by: Office of the Secretary of Administration and Finance*

*Project to benefit: Municipality*

New proposed grant program to assist vocational schools' purchases of modern laboratory and shop equipment.

---

**Urban Park Community Investment Grant Programs** *Project ID# 961*

*Fiscal Year 2012 funding from all sources: \$13,650,000*

*Project managed by: Office of the Secretary of Environmental Affairs*

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*Project to benefit:* Municipality

Grants to cities and towns to improve urban parks, particularly in Gateway Cities. Includes funding formerly for the PARC program and the Gateway Cities park program.

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**Land Protection Grant Programs**

*Project ID# 963*

*Fiscal Year 2012 funding from all sources:* \$8,800,000

*Project managed by:* Office of the Secretary of Environmental Affairs

*Project to benefit:* Municipality

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

---

**State Infrastructure Bank**

*Project ID# 969*

*Fiscal Year 2012 funding from all sources:* \$5,000,000

*Project managed by:* Office of the Secretary of Transportation

*Project to benefit:* Municipality

This proposed program will provide loans to eligible borrowers to improve local transportation infrastructure.

---

**MA Mental Health Center Furn & Equip**

*Project ID# 973*

*Fiscal Year 2012 funding from all sources:* \$729,696

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Department of Mental Health

Procurement of furniture and equipment for the Mass Mental Health Center

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**Middleton DYS Facility**

*Project ID# 977*

*Fiscal Year 2012 funding from all sources:* \$1,000,000

*Project managed by:* Division of Capital Asset Management and Maintenance

*Project to benefit:* Department of Youth Services

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



