



**SENATE FISCAL OFFICE
REPORT**

GOVERNOR'S FY2017 CAPITAL BUDGET

2016-H-7454

BUDGET ANALYSIS

MAY 3, 2016

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Department of Administration

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Accessibility	\$1.6	\$1.0	\$1.0	\$1.0	\$1.0	\$1.0	\$1.0	\$7.6
Big River Management Area	0.7	0.1	0.1	0.1	0.1	0.1	0.1	1.2
Cannon Building	1.6	1.0	0.4	0.4	0.3	0.3	-	3.9
Chapin Health Laboratory	0.1	0.6	2.0	2.0	2.0	0.5	-	7.2
Cranston Street Armory	2.2	1.5	0.4	2.0	-	-	-	6.1
DOA Virks Building Renovation	0.8	3.3	13.4	3.5	-	-	-	21.0
DoIT Enterprise Operations Center	9.9	0.4	0.5	0.5	0.5	0.5	-	12.3
Dunkin' Donuts Center	0.6	1.7	2.8	1.9	1.9	1.9	1.9	12.5
Energy Conservation - Pastore Campus/Zambarano	48.4	4.7	-	-	-	-	-	53.1
Environmental Compliance	1.3	0.1	0.2	0.2	0.2	0.2	0.2	2.4
Harrington Hall Renovations	1.7	1.9	-	-	-	-	-	3.6
Information Technology Investment Fund	17.8	10.0	10.0	10.0	10.0	10.0	-	67.8
ITI - Information Technology Infrastructure	4.5	0.2	-	-	-	-	-	4.7
ITI - Integrated eLicensing and Consolidation	0.7	0.3	-	-	-	-	-	1.0
Ladd Center Building Demolition	2.6	0.2	-	-	-	-	-	2.8
Mathias Building Renovation	1.1	2.4	-	-	-	-	-	3.5
McCoy Stadium Repairs	1.8	0.2	-	-	-	-	-	1.9
Old Colony House	1.2	0.5	0.1	0.1	0.1	-	-	2.0
Old State House	0.6	1.0	0.5	0.9	0.2	0.2	-	3.3
Pastore Center Building Demolition	4.0	0.2	-	-	-	-	-	4.2
Pastore Center Parking	2.4	0.2	1.3	-	-	-	-	3.9
Pastore Center Rehab - DOA Portion	6.2	2.5	7.7	2.5	2.1	2.5	2.5	26.0
Pastore Cottages Rehabilitation	2.0	0.2	-	-	-	-	-	2.1
Pastore Power Plant Rehabilitation	32.2	0.6	0.6	-	-	-	-	33.4
Pastore Strategic Plan	-	-	0.5	-	-	-	-	0.5
Pastore Utilities Upgrade	2.8	1.0	2.5	2.2	-	-	-	8.5
Pastore Utility Systems Water Tanks and Pipes	0.4	0.4	0.4	0.3	0.3	-	-	1.7
Replacement of Fueling Tanks	1.8	0.6	0.4	0.3	0.3	0.3	0.3	4.0
Rhode Island Convention Center Asset Protection	1.8	1.5	1.0	1.0	1.0	1.0	1.0	8.3
South County Groundwater Site Acquisition Program	4.0	1.0	1.0	1.0	0.5	-	-	7.5
State House Energy Management Improvement Project	0.3	0.5	-	-	-	-	-	0.8
State House Renovations	4.8	0.6	0.6	0.5	0.1	0.3	-	6.8
State Office Building	2.3	2.1	1.5	0.4	0.4	1.0	1.0	8.7
Statewide Emergency Water Interconnections	2.6	0.7	0.4	-	-	-	-	3.7
The VETS	16.5	0.3	0.2	0.2	0.2	0.1	0.2	17.7
Veterans Auditorium Land Purchase	3.4	1.0	-	-	-	-	-	4.4
Washington County Government Center	2.6	0.4	0.5	0.5	0.5	0.5	0.5	5.5
William Powers Building (Administration)	4.6	2.4	1.5	1.5	1.5	1.5	1.5	14.5
Zambarano Utilities and Infrastructure	3.4	2.5	3.0	3.1	1.6	1.1	1.5	16.2
Zambarano Wood Chip Boiler	0.7	0.1	-	-	-	-	-	0.8
Total	\$198.0	\$49.6	\$54.4	\$35.9	\$24.6	\$22.8	\$11.6	\$396.9
Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Certificates of Participation	\$82.7	\$5.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$88.0
Federal Funds	0.3	-	-	-	-	-	-	0.3
Information Technology Investment Fund	17.8	10.0	10.0	10.0	10.0	10.0	-	67.8
Interest Earnings	0.8	-	-	-	-	-	-	0.8
Other Funds	-	0.1	-	-	-	-	-	0.1
P.L. 2004 Ch. 595 - Issued	6.6	1.7	1.4	1.0	0.5	-	-	11.2
RI Capital Plan Fund	89.9	32.5	43.0	24.9	14.1	12.8	11.6	228.8
Total	\$198.0	\$49.6	\$54.4	\$35.9	\$24.6	\$22.8	\$11.6	\$396.9

\$ in millions. Totals may vary due to rounding.

The Divisions of Facilities Management and Capital Projects and Property Management within the Department of Administration are responsible for the management or oversight of most capital projects undertaken by state agencies and departments in Rhode Island. The Department of Administration FY2016 - FY2021 Capital Budget consists of 40 separate projects.

Accessibility – Facility Renovations

The project involves accessibility renovations to State structures to comply with the federal Americans with Disabilities Act. The project and funds were originally under the Governor's Commission of Disabilities budget.

Project Status: The Budget includes \$7.6 million in RICAP funds, \$1.6 million appropriated before FY2016, \$1.0 million in FY2016 and in FY2017, and \$1.0 million each fiscal year from FY2018 to FY2021.

Big River Management Area (BRMA)

The BRMA is an 8,400 acre public drinking water source. The Department of Administration is tasked with the long-term planning and management of this area. Capital funds are used to maintain 13 rental properties, 3 commercial structures, a 79-pad mobile home park, and a nine-hole golf course as well as 7 miles of roadway, 3 bridges, 8 drainage culverts, and over 30 security gates. Capital funds are used to demolish vacant structures and to return the area to an environmentally sound condition. One item under this project is remediation of an old dump site in cooperation with the Department of Environmental Management.

Project Status: The Budget includes \$1.2 million in RICAP funds, \$664,755 appropriated before FY2016, \$120,000 in FY2016, and \$100,000 in FY2017. The Budget includes \$300,000 spread between FY2018 and FY2021.

Cannon Building

The Cannon Building is a 40-year old structure on Capital Hill in Providence housing the Department of Health. The aging structure requires new carpeting, expansion of the delivery area for vehicles, restroom renovations, an assessment of the structure's electrical system, renovations of the cooling tower, and exterior joint repairs.

Project Status: The Budget includes \$3.9 million in Rhode Island Capital Plan (RICAP) funds with \$1.6 million appropriated before FY2016. The Budget includes \$1.0 million in FY2016 and \$400,000 in FY2017, and includes \$900,000 spread between FY2018 and FY2020.

Chapin Health Laboratory

The Chapin Health Laboratory in Providence houses the State Medical Examiner. The structure requires renovations and updates to the HVAC and electrical systems, a new boiler, installation of efficiency lighting, new ventilation for the decomposition room, and retrofitting the laboratory exhaust.

Project Status: The Budget includes \$7.1 million in RICAP funds including \$550,000 in FY2016 which includes a \$500,000 in RICAP funds and \$50,000 from a grant awarded by National Grid for infrastructure improvements. The Budget also includes \$2.0 million in RICAP funds for FY2017 and out-year funding of \$4.5 million in RICAP funds spread between FY2018 and FY2020.

Cranston Street Armory

The Cranston Street Armory is a former Rhode Island National Guard Armory built in 1907. The Guard vacated the structure in the 1990's and the structure was partially reused as the State Fire Marshal's office and for storage by the Board of Elections and the Department of Health. The State Fire Marshal has moved out of the structure due to safety concerns, but the State continues to use the structure's basement level for storage. The project requires extensive interior and exterior renovations to secure the stability of the structure. Portions of the structure are in such a critical state that without preventive stabilization, these sections could collapse into the public areas. The primary stabilization work will focus on the "envelope" of the structure to prevent further structural deterioration caused by the climate. Other work involves electrical upgrades, fire safety, and accessibility issues.

Project Status: The Budget includes \$3.9 million in RICAP funds for the new building stabilization projects including \$1.5 million in FY2016, \$350,000 in FY2017, and \$2.0 million in FY2018. An additional \$2.2 million in RICAP funds were appropriated for the stabilization of the structure prior to FY2016. At present, there is no planned use of the structure. Peregrine Group, LLC completed a feasibility study on the structure showing that a complete restoration of the structure would cost approximately \$100.0 million and would create a State asset worth no more than \$25.0 million. In addition, the cost to demolish the structure is \$5.5 million and the projected cost to stabilize the unused structure is \$1.2 million, not including \$500,000 for annual utility costs.

DOA Virks Building Renovation

The project involves the complete renovation of the Virks Building located on the Pastore Campus in Cranston. The proposed work includes roof repairs, stabilization of the exterior masonry and building envelope, upgrading and repairs to the utility systems, and general interior repairs required due to the age of the structure and water penetration. The renovated structure is planned to provide needed State office space for the Executive Office of Health and Human Services and failure to make these renovations will require the Virks Building to be demolished.

Project Status: The Budget includes \$21.0 million in RICAP funds, including \$3.3 million in FY2016, \$13.4 million in FY2017, and \$3.5 million in FY2018. The construction will take two years to complete.

DoIT Enterprise Operations Center

The structure, located at 50 Service Avenue in Warwick, houses the State Data Center, as well as the Treasury Department, and State Police cyber unit staff. The State completed the initial renovation work in December 2011. Since 2011, there are additional items requested for the facility including the installation of a unisex handicap accessible restroom on the first floor, the installation of a new generator, and the replacement of a HVAC roof unit. The property purchase costs and initial renovation costs incurred prior to FY2016 totaled \$9.9 million.

Project Status: The Budget includes \$2.4 million in RICAP funds for the new projects including \$400,000 in FY2016 and \$500,000 in FY2017. Additional out-year appropriations total \$1.5 million spread between FY2018 and FY2020.

Dunkin Donuts Center

Built in 1972, the Dunkin Donuts Center (formerly the Providence Civic Center) was purchased by the Rhode Island Convention Center Authority (RICCA) in 2005 and significant renovations to the facility were completed in 2010. The facility is leased to the State through a sublease agreement. The 2006 Series A Bonds that were used to purchase and renovate the facility contained a bond covenant requiring the creation of a renewal and replacement fund to ensure that the facility is maintained in optimal conditions. Since RICCA is incapable of providing the required funding, the State utilizes RICAP to fulfill the requirements for a renewal and replacement fund.

Project Status: The Budget includes \$11.9 million in RICAP funds with \$1.7 million in FY2016 and \$2.8 million in FY2017. The Budget includes annual appropriations of \$1.9 million spread between FY2018 and FY2021. Expenditures prior to FY2016 were \$622,914. The immediate projects include upgrading the back parking lot, installing a new cooling tower, and concourse repainting and flooring. Out-year projects include the replacement of the scoreboard, renovations to the main exhibit hall, and upgrades to the restaurant and arena seating.

Energy Conservation – Pastore Center and Zambarano Hospital

The project involves the expenditure of \$53.1 million from Certificates of Participation (COPs) to complete energy conservation projects at the Pastore Center Complex in Cranston and at the Eleanor Slater Hospital at the Zambarano Campus in Burrillville. The work includes replacing the Howard Avenue steam line at the Pastore Center and replacing obsolete and energy inefficient equipment.

Heating, cooling, and other energy-related equipment (including windows) have been upgraded. The savings in increased energy efficiency pays for the contract with the Energy Service Company (ESCO).

Project Status: The Budget includes \$4.7 million in COPs to complete the project in FY2016.

Environmental Compliance

This is a maintenance program for groundwater and soil monitoring sites that are located at various State facilities that have, or previously have had, underground fuel storage tanks. The project allows the State to maintain compliance with Department of Environmental Management and federal Environmental Protection Agency regulations.

Project Status: The Budget includes \$1.1 million in RICAP funds with \$82,796 in FY2016 and \$200,000 in FY2017. The Budget includes annual appropriations of \$200,000 spread between FY2018 and FY2021.

Harrington Hall

The project involves extensive renovations to Harrington Hall located at the Pastore Center Complex in Cranston. Harrington Hall is an overnight homeless shelter owned by the State. Constructed in 1936, the interior conditions have deteriorated to a point that they are unhealthy and require immediate attention. The proposed work includes correction of waste water/sewer backup issues, new restrooms, flooring, fire safety items, full plumbing, electrical, mechanical, and HVAC renovations.

Project Status: The Budget includes \$1.9 million in FY2016 to complete the renovation project.

Information Technology Investment Fund

The Information Technology Investment Fund (ITIF) is a restricted receipt program to fund the State's technology initiatives and improvement projects. The ITIF derives funding through the sale of state property as well as from two additional sources. The FY2015 Budget as Enacted authorized the Tobacco Settlement Financing Trust to transfer an estimated \$10.0 million to the ITIF from proceeds of the recent issuance of bonds by the Tobacco Settlement Financing Corporation. In addition, beginning July 1, 2015, 10.0 percent of the \$1.00 surcharge levied on each residence and business telephone line collected to support the E-911 Uniform Emergency Telephone System is deposited into the ITIF. The surcharge revenues are projected to generate an additional \$1.5 million annually for the ITIF.

As of October 8, 2015, the ITIF available cash balance is \$29.7 million excluding obligations and approved projects. The following table illustrates projects proposed by the Department:

ITIF Projects	Agency Impact	FY2016	FY2017	FY2018	FY2019	FY2020	Total
Office 365 Implementation	Executive Branch	\$500,000	\$0	\$0	\$0	\$500,000	\$1,000,000
	DOA-Building Commissioner, State						
ePermit - Statewide Platform	Fire Marshal, 10 Municipalities	750,000	500,000	500,000	500,000	500,000	2,750,000
Judicial Case Management System	Judiciary	940,500	-	-	-	-	940,500
2nd Internet Feed	All	150,000	-	-	150,000	-	300,000
Time, Leave, Attendance, Scheduling	DOA, DOC, BHDDH	1,500,000	1,500,000	1,000,000	1,000,000	250,000	5,250,000
Tech Project Management	All	250,000	250,000	250,000	250,000	250,000	1,250,000
Data Center Upgrades	All	500,000	400,000	250,000	100,000	100,000	1,350,000
Cyber Security Upgrades	All	250,000	100,000	100,000	100,000	100,000	650,000
Queue Management System	DOR - RMV	500,000	500,000	500,000	-	-	1,500,000
RIFANS Upgrades - DOA	All	250,000	500,000	500,000	-	-	1,250,000
DLT Unemployment Insurance	Labor and Training	1,900,000	-	-	-	-	1,900,000
UHIP	UHIP - HSRI, DHS, EOHHS	2,400,000	2,400,000	-	-	-	4,800,000
Facilities Asset Management Software	DOA	500,000	250,000	-	-	-	750,000
Content Management System	All	500,000	1,000,000	-	-	250,000	1,750,000
Cost Allocation System	All	350,000	-	-	-	-	350,000
Disaster Recovery Upgrades	All	400,000	100,000	100,000	100,000	100,000	800,000
PC Refresh	All	400,000	250,000	200,000	250,000	-	1,100,000
SAN Storage	All	500,000	500,000	250,000	-	-	1,250,000
Telecom Consolidation and Upgrades	All	400,000	250,000	250,000	-	-	900,000
Core Network Upgrade	All	300,000	-	-	-	-	300,000
Virtual Desktop Initiative	All	-	600,000	-	-	-	600,000
RIFANS Upgrades - DOT	Transportation	-	1,500,000	-	-	-	1,500,000
HRIS	DOS - Human Resources	-	500,000	1,500,000	1,500,000	-	3,500,000
Payroll System	All	-	250,000	1,500,000	1,500,000	500,000	3,750,000
Grants System	Legislature	-	500,000	500,000	-	-	1,000,000
Budget System	Legislature	-	500,000	2,000,000	-	-	2,500,000
Total		\$13,240,500	\$12,350,000	\$9,400,000	\$5,450,000	\$2,550,000	\$42,990,500

Source: Department of Administration FY2017 Capital Budget Request

Project Status: The Budget includes \$50.0 million in restricted receipts for the IT Investment Fund with annual appropriations of \$10.0 million spread between FY2016 to FY2020.

Information Technology Infrastructure

The project modernizes the State's Information Technology (IT) infrastructure, including standardizing the executive branch email, consolidating computer system servers statewide, deploying a centralized service desk, and enhancing network cyber security capabilities.

Project Status: The Budget includes \$195,463 derived from Certificates of Participation (COPs) for FY2016. There is no further funding recommended beyond FY2016.

Integrated eLicensing and Consolidation

The project completes the new licensing software for the Department of Business Regulation's common interface that can be used by multiple agencies and licensing programs. The goal is to establish a single point of use for external license renewal services and license status checks.

Project Status: The project is complete. The Budget includes \$335,221 in Certificates of Participation (COPs) in FY2016.

Ladd Center Building Demolition

The project demolishes and removes debris of structures at the former Ladd School Property in Exeter. The structures were declared unsafe and have been in disrepair and decay for numerous years, becoming a liability risk to the State.

Project Status: The Budget includes \$204,523 in RICAP funds for FY2016. There is no further funding recommended beyond FY2016.

Mathias Building Renovation

The project involves renovating the Mathias Building located on the Pastore Campus in Cranston. The structure was built in 1958 and requires extensive roof repairs and utility upgrades. The Providence Center is in the process of relocating its facility from the Zambarano Complex in Burrillville, to the

Mathias Building. In addition, the sterile storage unit for BHDDH will also relocate to this structure. The proposed work includes roof repairs, HVAC repairs, and utility system upgrades.

Project Status: The Budget includes \$3.5 million in RICAP funding with \$1.1 million spent pre-FY2016 and \$2.4 million included for FY2016. There is no further funding recommended beyond FY2016. The repairs include replacing the entire roof, HVAC system and cooling tower upgrades, and installation of communication and data lines. The building is currently occupied by Regan Hospital personnel and the remaining vacant space will be used to house occupants of the Varley Building once that structure is demolished.

McCoy Stadium

The project renovates and funds asset protection at McCoy Stadium in Pawtucket. Although the facility is owned by the City of Pawtucket, the State first assisted the City with \$11.0 million in stadium renovations during FY1998 and FY1999 in order for the facility to meet minor league baseball standards. Funding for the renovations was derived from Economic Development Revenue Bonds. In return, the owner of the Pawtucket Red Sox signed a lease to keep the team in Rhode Island. The current lease has been extended to January 31, 2021, with a 5-year optional extension. The initial renovation work is over ten years old and as the facility continues to age (built in 1942) additional attention will be required to maintain the condition of the 10,000 seat facility up to minor league baseball standards.

Project Status: The Budget includes \$150,000 in RICAP funds in FY2016 for asset protection projects. There is no further funding recommended beyond FY2016.

Old Colony House

Built from 1739 to 1743, the Old Colony House in Newport is the 4th oldest statehouse in the United States. The structure is owned by the State and managed by the Newport Historical Society. The structure serves as a tourist site and houses a Gilbert Stuart portrait of George Washington. Renovations to the Old Colony House have been ongoing since 2000 and included security and environmental system upgrades, fire code renovations, window replacement, restroom renovations, carpet and painting renovations, exterior re-pointing, a new elevator, a new HVAC system, an emergency generator, and electrical renovations. Continued funding for the project is required for repairs and repointing to the brownstone exterior, stair replacement, and renovation to the basement bathrooms. The sewer system had malfunctioned prohibiting the use of the basement restrooms. Currently, only one unisex ADA compliant restroom is operating. Renovations and a new sewer line are required to reopen the basement restrooms.

Project Status: The Budget includes \$500,000 in RICAP funds for FY2016, \$100,000 for FY2017 and FY2018, and \$50,000 in FY2019.

Old State House

The Old State House located on Benefit Street in Providence, was built in 1760 and housed state government until 1901. Currently the structure is used as office space for the Rhode Island Historic Preservation and Heritage Commission. The project consists of exterior and interior repair work, including replacing the boiler and heating system, installing a fire sprinkler system to meet the fire codes, upgrading the HVAC and electrical systems, roof replacement, floor restoration, asbestos abatement, window replacement, painting and brick repairs.

Project Status: The Budget includes \$990,000 in RICAP funds for FY2016 and \$500,000 for FY2017. The Budget includes out-year funding of \$1.2 million in RICAP funds spread between FY2018 and FY2020.

Pastore Center – Building Demolition

The Department is in the process of demolishing several structures at the Pastore Center in Cranston, including, the Welcome Arnold building #96, three small maintenance buildings, and the old power plant. These structures have either been vacant for several years or are structurally unsound. Each structure contains hazardous materials requiring mitigation prior to the structure's removal.

Project Status: The Budget includes \$170,000 in RICAP funds for the project in FY2016. There is no further funding recommended beyond FY2016.

Pastore Center – Parking

The project involves the improvement of traffic flow, parking, sidewalks, and drainage projects for employees and visitors at the Pastore Center in Cranston. The parking upgrades will follow the Pastore Parking Plan that was developed under Phase I of this project. Phase I illustrated that the current parking at the Pastore Center is poorly positioned with inadequate drainage, crosswalk designations, signage, and Americans with Disability Act (ADA) compliant curb cuts. Phase II of the project includes resurfacing of Howard Avenue that transects the Campus Complex; realigning the Howard Avenue and West Road intersection; installing curbing, sidewalks, and landscaping along Howard Avenue; and resurfacing parking lots behind the Regan and Mathias buildings and opposite of Minimum Security. Additional projects include a redesign of the parking lot servicing the Department of Labor and Training, a new parking area next to Minimum Security, and a rainwater runoff study.

Project Status: The Budget includes \$170,000 for FY2016 and \$1.3 million in FY2017 in RICAP funds.

Pastore Center – Rehabilitation DOA Portion

The project involves asset protection maintenance and capital repairs to seven buildings at the Pastore Center Complex. The buildings currently house a variety of state agencies including the State Hospital and the Division of Motor Vehicles. The ongoing projects include sewer system, roof replacement, masonry re-pointing, HVAC upgrades, interior painting, elevator upgrades, and window replacements.

Project Status: The Budget includes \$26.0 million in RICAP funds with \$6.2 million appropriated before FY2016. The Budget includes \$2.5 million in FY2016 and \$7.7 million in FY2017, and includes out-year funding of \$9.6 million spread between FY2018 and FY2021.

Pastore Center - Cottages Rehabilitation

This project involved the renovation of three cottages at the Pastore Center Complex in Cranston. The renovations were required to meet an agreement with the Historic Preservation and Heritage Commission requiring the cottages to be preserved and reused. To meet this requirement, the cottages were renovated to comply with State building, fire, and accessibility codes for use as office space. The Governor's Commission on Disabilities occupies one of the cottages, one is occupied by DCYF's juvenile probation office, and the third is occupied by the State's Health Benefit Exchange. Construction is complete.

Project Status: The Budget includes \$166,991 in RICAP funds in FY2016. The project is complete.

Pastore Center – Power Plant Rehabilitation

This project rehabilitates and provides asset protection for the power plant at the Pastore Center in Cranston. The Pastore Center has a central power plant capable of co-generating steam and electricity for the state agencies housed at the Center. The renovation and installation of new generators was completed over ten years ago. The project also includes installing a "black start" generator to restart the power plant when the main electrical grid goes offline and to assist the plant generators during peak load periods.

Project Status: The Budget includes \$575,000 in RICAP funds for FY2016, and \$640,000 in RICAP funds in FY2017.

Pastore Center – Strategic Plan (new)

The Department of Administration plans to create a strategic master plan for the future development and maintenance of the Pastore Center Campus. The Pastore Campus includes numerous State agencies and operations serving various government functions within 86 structures. The proposal divides the long range planning into two parts:

- Part I - Building/Capital Asset Management will develop a database on the State's assets at the Pastore Campus to better understand the condition of the existing structures, detail various building maintenance needs, develop maintenance cost estimates and capital budget needs over a period of time to implement work.
- Part 2 - Comprehensive Campus Infrastructure Master Plan will create a detailed physical and financial plan for the revitalization and redevelopment of the Pastore Center Campus. The plan will consider the needs of State agencies currently located on the Campus as well as plan for relocating other State agencies to the Campus that may be compatible to the Campus space and are currently leasing space.

Project Status: The Budget includes \$475,500 in RICAP funds for FY2017.

Pastore Center – Utility Upgrade

The project repairs and replaces outdated electrical switch gear, upgrading generators at the Pastore and Zambarano complexes, replacing electric conduit for the Pastore campus lighting work, replacement of steam condensation pumps at various building at Pastore, and funds a storm-water runoff study for the Pastore Complex.

Project Status: The Budget includes \$1.0 million in RICAP funds for FY2016 and \$2.5 million for FY2017, and \$2.2 million in FY2018. Current projects include storm-water upgrades, new power line construction, and generator upgrades.

Pastore Center – Water Tanks and Pipes

The project involves improvements to the water supply and distribution system at the Pastore Center Complex in Cranston. A recent engineering analysis using a computerized hydraulic model indicated that 80.0 percent of the existing fire hydrants failed to provide sufficient water pressure or volume for firefighting. The project includes upgrading the underground pipe network for firefighting, installing hydrants, and cleaning and re-lining existing mains. In addition, a line stop will be installed in the main water line completely separating the Pastore Center Water System from nearby retail shopping area.

Project Status: The Budget includes \$380,000 in RICAP funds in FY2016 and in FY2017. The Budget also includes appropriations of \$280,000 in RICAP funds in FY2018 and FY2019 for future water main asset protection projects. The cleaning, re-lining, and piping replacement work is underway.

Replacement of Fuel Tanks

The State owns 15 fueling stations for state vehicles. In order for the State to remain in compliance with RIDEM and federal EPA requirements, fuel tanks must be replaced every 15 years, essentially making this a continuous project that began in FY1999. Lack of compliance will cause the State to incur penalties and fines.

Project Status: The Budget includes \$2.2 million in RICAP funds for this project, with \$640,000 in FY2016 and \$400,000 in FY2017. The Budget includes out-year funding of \$1.2 million spread between FY2018 to FY2021.

Rhode Island Convention Center Authority

The Rhode Island Convention Center (RICC) in Providence is owned and operated by the Rhode Island Convention Center Authority (RICCA), but leased to the State through a sublease agreement implemented in November 1991. The Convention Center opened in December 1993 and as the facility ages into its third decade, an asset protection and preventive maintenance program is required to maintain the facility. Current projects include replacing granite on exterior walkways, upgrading restrooms, replacing the electric receptacles in the main exhibition hall, upgrading the HVAC system, upgrading the food and beverage equipment, refurbishing exhibit hall floors, replacing main sprinkler piping and control valves,

upgrading fire alarm panel, replacing the concourse connector doors, and installing a new roof overlay for the facility.

Project Status: The Budget includes \$6.5 million in RICAP funds with \$1.5 million for FY2016 and \$1.0 million per year from FY2017 to FY2021.

South County Groundwater Protection/Acquisition

The project involves the preservation and protection of existing public water supply groundwater well sites, and for funds for land acquisition to establish new sites.

Project Status: The Budget includes \$3.5 million from issued general obligation bond proceeds with appropriations of \$1.0 million in FY2016, \$1.0 million in FY2017 and FY2018, and \$516,586 in FY2019. The Water Resources Board has identified several sites including ones located on Block Island and in the towns of Richmond and Charlestown.

State House Energy Management Improvement Project

The State House Energy Management Improvement Project (SHEMIP) repairs or replaces the mechanical systems in the State House. This includes replacing the 100-year-old heating system, installing a centralized air conditioning system, installing sprinkler systems in the remaining areas of the structure that are not covered by a fire suppression system, creating a secure data server room, and extensively renovating the separate boiler house located on Gaspee Street next to the State House.

Analyst's Note: This project originally included items that are more in line with general asset protection projects. However the project has since changed to separate the renovation projects from the extensive heating and air conditioning item.

Project Status: The Budget includes \$496,324 in RICAP funds in FY2016 to complete the architecture and design work needed to replace the 100-year-old heating system and to install a centralized air conditioning system.

State House Renovations

The State House Renovation project involves replacing exterior lighting, repairing interior areas damaged by water leakage through the State House dome, plumbing and electrical upgrades, and to evaluate exterior walkways, terraces, and stairways to develop a schedule for repairs.

Analyst's Note: This project originally included replacing the 100-year-old heating system and installing a centralized air conditioning system. However the project has since changed to limit the renovations to projects that are more in line with asset protection projects and moving the heating and air conditioning items to a new capital project titled State House Energy Management Improvement projects.

Project Status: The Budget includes RICAP appropriations of \$580,905 in FY2016 and \$550,000 in FY2017, and out-year appropriations of \$865,000 in RICAP funds spread between FY2018 to FY2020, to reflect the revised project scope.

State Office Building

This project involves renovations to the Department of Transportation State Office Building. The building constructed in 1928, contains 97,986 sq. ft. of space. This has been an ongoing project since 1999, involving fire and safety code compliance projects, bathroom renovations, electrical work, elevator renovations, and interior finish repairs.

Project Status: The Budget includes RICAP appropriations of \$2.1 million in FY2016 and \$1.5 million in FY2017, and out-year appropriations of \$2.8 million in RICAP funds spread between FY2018 to FY2021.

Statewide Emergency Water Interconnect Projects

The Water Resources Board administers the Water Facilities Assistance Grant Program to assist communities with establishing emergency water connections. The grants reimburse water suppliers 25.0 percent of the cost if the connection benefits one community or 50.0 percent if the connection benefits two communities.

Project Status: The Budget includes \$741,962 in FY2016 and \$371,202 in FY2017 from previously issued general obligation bond proceeds to fund projects. The Greenville/Smithfield interconnection is almost complete and the Woonsocket/Cumberland interconnection is approximately 50.0 percent complete. The South Kingstown South Shore/United Water interconnection requested funds for the interconnection in Matunuck, but there may not be sufficient funds remaining in the bond proceeds for this project.

The VETS (Veterans' Memorial Auditorium)

Constructed in the 1920's, the Veterans' Memorial Auditorium (VMA) was part of the Grand Masonic Temple complex. Both the Masonic Temple and the VMA remained unfinished until after World War II, when both structures became the property of the State. In the late 1940's, local groups rallied to urge the completion of the Auditorium, which was dedicated to the State's war veterans in 1950. The VMA became a center for the arts in Providence, and was a popular venue for three decades.

The Veteran's Memorial Auditorium Foundation (VMAF) took over management of the facility in the early 1990's, with the intention to renovate and promote the venue. The renovation and resurgence of the VMA by the VMAF was hampered by limited donations and management issues. Due to the failure of the VMAF to move forward with a renovation and management plan, the State assumed full management of the VMA facility in July 2008. Due to the Rhode Island Convention Center Authority's (RICCA) management expertise of event venues, the Governor tasked the RICCA to operate and manage the VMA. A lease agreement was signed between the State and the Authority to manage the VMA.

Renovations to the facility included repairing roof leaks, upgrading the HVAC system, new handicap accessible restrooms, new fire safety systems and equipment, security systems, concession equipment, stage and electrical equipment, and a new addition encompassing an enclosed loading dock, and public venue space on the second level.

Project Status: Renovations to the facility began in FY2012. Since then, \$16.5 million in RICAP funds have been used to renovate the structure. The Budget continues funding for asset protection of the facility and includes \$252,033 in FY2016 and \$245,000 in FY2017. The Budget includes out-year funding of \$680,000 spread between FY2018 to FY2021.

Veterans' Memorial Auditorium Land Purchase

The project involves the purchase and improvement of 1.03 acres of vacant land on Francis Street between the Veterans Memorial Auditorium and Smith Street. The State purchased the property for \$3.2 million and is using the remaining RICAP funds to grade and improve the property to create additional parking spaces around the Capital Complex.

Project Status: The Budget includes \$955,750 in RICAP funds for FY2016. The State purchased the property on September 16, 2013, for \$3.2 million and expended \$60,000 for architectural and engineering work.

Washington County Government Center

The Oliver Stedman Government Center (a/k/a/ the Washington County Government Center) project involves HVAC replacement, window replacement, restroom renovations, and an evaluation of the exterior masonry at the Government Center located in South Kingstown. Several State agencies including the Department of Labor and Training, Department of Human Services, DCYF, Coastal Resources Management Council (CRMC), the Division of Motor Vehicles, Judiciary have offices located in the structure.

Project Status: The Budget includes \$2.9 million in RICAP funds with \$425,000 in FY2016 and \$500,000 in FY2017, and out-year funding of \$2.0 million spread evenly between FY2018 to FY2021.

William Powers Building

The William Powers Building located in Providence houses the Department of Administration, the Department of Revenue, and some smaller state agencies. The project involves roof and skylight replacement, repairs of window leaks, painting, HVAC upgrades, and renovations to the former daycare area.

Project Status: The Budget includes \$9.9 million in RICAP funds with \$2.4 million in FY2016 and \$1.5 million in FY2017. The Budget includes annual appropriations of \$1.5 million in RICAP funds spread between FY2018 to FY2021. The kitchen/cafeteria renovations are complete and construction on the new roof, cooling tower, and skylights is underway. The replacement of the service elevator is underway, as well as renovation has begun on the former daycare area.

Zambarano - Utilities and Infrastructure

The project repairs and upgrades services and structures located at the Zambarano Hospital campus in Burrillville. Originally founded in 1905 as a tuberculosis sanatorium, the Zambarano facility was folded into the Eleanor Slater Hospital system in 1994. Although the facility is administered by the Department of Behavioral Healthcare, Developmental Disabilities and Hospitals (BHDDH), the Department of Administration is responsible for conducting and monitoring the major improvements to the facility. The projects include general asset protection on the buildings, upgrading the water and wastewater treatment facilities, roof repairs, window replacements, and HVAC upgrades.

Project Status: The Budget includes \$12.8 million in RICAP funds with \$2.5 million in FY2016 and \$3.0 million in FY2017. The Budget includes out-year appropriations of \$7.3 million in RICAP funds spread between FY2018 to FY2021.

Zambarano Wood Chip Boiler

The project involves the purchase and installation of a 200Hp wood chip boiler to heat over 70.0 percent of the Zambarano campus. The project also includes installation of a centralized wood chip storage and conveyor delivery system that automatically moves the stored wood chips from the bin to the boiler.

Project Status: The Budget includes \$13,841 in RICAP funds for FY2016. The project is complete and the boiler went into operation in April 2014. The balance included paid in FY2016 reflected retainage held until final certification of the project is complete.

Department of Labor and Training

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Center General Asset Protection	\$0.5	\$1.5	\$1.9	\$1.1	\$0.5	\$0.5	-	\$6.1
Center General Building Roof	0.1	2.1	-	-	-	-	-	2.2
Total	\$0.6	\$3.6	\$1.9	\$1.1	\$0.5	\$0.5	-	\$8.3

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Funds	\$0.0	\$0.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.3
Other Funds	-	0.3	-	-	-	-	-	0.3
Restricted Receipt Funds	-	0.3	-	-	-	-	-	0.3
RI Capital Plan Fund	0.6	2.7	1.9	1.1	0.5	0.5	-	7.4
Total	\$0.6	\$3.6	\$1.9	\$1.1	\$0.5	\$0.5	-	\$8.3

\$ in millions. Totals may vary due to rounding.

Center General Asset Protection

This project includes eleven capital repairs as asset protection for the Center General Complex and one repair to the Donley Center. The projects include carpet replacement, connecting roof replacement, walkway repairs, HVAC replacement, painting, fire alarms, drainage repairs, and building “envelope” repairs.

Project Status: The Budget includes \$6.1 million to fund the asset protection projects spread between FY2016 to FY2020. Generally, the capital appropriation is made as a single appropriation, not specific to any single asset protect project, thereby providing the Department with its own discretion as to which projects are worked on in a particular fiscal year.

Center General Building Roof

The project involves the replacement of 28,500 sq. ft. of slate roofs on buildings 68, 69, and 71 of the Center General Complex within the Pastore Center. The buildings house the Department of Labor and Training and the Department of Business Regulation. The roofs are failing and water is penetrating into the structures. In addition, some of the slates are loose and have become hazardous projectiles. The project includes the complete removal of the slate, repairs to the sheathing, new flashings and under roofing, and replacement of the slate.

Project Status: The Budget includes \$2.1 million in FY2016, of which \$1.3 million is RI Capital Plan (RICAP) funds, to complete the replacement of the slate roof in the current fiscal year.

Department of Revenue

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
DMV Modernization Project	\$14.7	\$3.3	\$2.7	\$0.6	\$0.6	-	-	\$22.0
Integrated Tax System	13.7	6.1	5.2	-	-	-	-	25.0
Lottery Building Renovations	0.3	0.3	-	-	-	-	-	0.6
Total	\$28.7	\$9.7	\$7.9	\$0.6	\$0.6	-	-	\$47.5

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Certificates of Participation	\$22.3	\$8.4	\$5.2	-	-	-	-	\$36.0
Federal Funds	0.4	-	-	-	-	-	-	0.4
General Revenue	1.2	0.4	0.6	0.6	0.6	-	-	3.5
Restricted Receipt Funds	4.5	0.5	2.1	-	-	-	-	7.1
RI Capital Plan Fund	0.3	0.3	-	-	-	-	-	0.6
Total	\$28.7	\$9.7	\$7.9	\$0.6	\$0.6	-	-	\$47.5

\$ in millions. Totals may vary due to rounding.

DMV Modernization Project

The Division of Motor Vehicles (DMV) is implementing the Rhode Island Motor Vehicle System (RIMS), a database designed to provide a new, real-time, and customer-centric computer system to replace the DMV's current legacy system. RIMS will provide efficient processing, tracking, payment, and security upgrades. The replacement of the legacy system is required due to outdated technology which cannot respond to legislative changes, federal mandates, nor incorporate the hundreds of interfaces with outside entities. The project began in FY2007.

The project has been funded by certificates of participation (COPs), restricted receipts, and general revenue. Restricted receipts are generated through a \$1.50 surcharge on all DMV customer service transactions which pays for the COPs debt service. The DMV surcharge has a sunset date of FY2017 at which time the debt service is anticipated to be paid off.

Project Status: Prior to 2016, \$14.7 million had been spent on developing this system. In FY2016, the Budget includes \$2.3 million in COPs, \$449,280 in general revenue, and \$520,000 in restricted receipts from the customer surcharge to support the continuing development of the system, including hardware and software updates. In FY2017, the Budget includes \$2.1 million in restricted receipts and \$600,000 in general revenue. The project has experienced repeated delays due to an inability of the vendor to complete the system. The new system is projected to be fully operational by September 2016.

Analyst's Note: The debt service associated with the COPs is scheduled to be paid off by FY2016, leaving the surcharge account with a surplus of \$491,071 in FY2016 and \$2.7 million in FY2017.

Integrated Tax System

The goal of this project is to acquire and implement a modern tax information technology system that centralizes all taxpayer information in one computer system. The Division of Taxation is the primary revenue collecting agency for the State, responsible for administering 57 different taxes and fees amounting to nearly \$3.0 billion annually. The Division of Taxation currently operates a number of software systems, with the most critical of these systems being 40 years old. According to the Department, this antiquated system is expensive to maintain and the Division of Information Technology (DoIT) is not able to support staff training on this technology. Also, staff must evaluate multiple systems to determine a taxpayer's balance, which includes status of bankruptcies, audits, and license renewals, in order to monitor and enforce tax compliance.

This five-year project began in FY2013 and is expected to be completed in three phases, which includes purchasing hardware, designing software infrastructure, and transferring taxpayer collections data to the new system. The project is funded entirely through Certificates of Participation (COPs), which are

authorized up to \$25.0 million. Completed projects include procurement and installation of software and hardware, and transferring 36 different tax types to the new system.

Project Status: The Budget includes \$6.1 million of COPs in FY2016 and \$5.2 million in FY2017. Prior to FY2016, \$13.7 million had been issued. Phase I of the project went live in 2014, Phase II went live in September 2015, and Phase III, the final phase, is anticipated to go live in September 2016.

Lottery Building Renovations

This project includes repairs at the Division of Lottery's headquarters on Pontiac Avenue in Cranston, including replacement of carpeting (complete), repairs to the parking lot surface (complete), and HVAC replacement.

Project Status: The Budget includes \$258,697 in RICAP funds in FY2016. Prior to FY2016, \$320,303 in RICAP funds had been spent, for \$579,000 in total costs. The project will be completed in FY2016; upgrades to the HVAC system will finalize the project.

Secretary of State

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
State Archives	-	-	\$0.1	-	-	-	-	\$0.1
RI Charter Preservation	0.0	0.5	-	-	-	-	-	0.5
Total	\$0.0	\$0.5	\$0.1	-	-	-	-	\$0.6

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Restricted Receipt Funds	-	-	-	-	-	-	-	-
RI Capital Plan Fund	0.0	0.5	0.1	-	-	-	-	0.6
Total	\$0.0	\$0.5	\$0.1	-	-	-	-	\$0.6

\$ in millions. Totals may vary due to rounding.

State Archives (New)

This project funds a feasibility study to identify and recommend options for a permanent facility for the Rhode Island State Archives. Millions of historically significant documents, images, and past records dating back to 1638 are currently housed in leased office space that is susceptible to severe flooding. The aim of this study is to provide information (type of structure to be built, location, and costs) to seek voter approval of general obligation bond funds in 2018 to construct a new, permanent facility. Architectural and engineering costs of a new facility are also included in this project.

Project Status: The Budget includes Rhode Island Capital Plan (RICAP) funding of \$100,000 in FY2017 for the architectural and engineering study.

RI Charter Preservation

This project funds the preservation, security, and lighting for the State Charter, an appraisal to determine its value, decorative enclosures for the encasements, and transportation of the Charter via professional art movers to the Charter Museum in the State House.

The Secretary of State is the custodian of the Rhode Island Royal Charter of 1663, issued by King Charles II of England. This document marked the first time in modern history that a monarch signed a charter declaring religious freedom for individuals within a society without interference from the government. The Charter was housed in Newport until it was moved to the State House in 1900. In April 2014, the Secretary of State and the Governor signed a memorandum of agreement declaring that the State Charter was in need of both restoration and display overhauls.

Project Status: The Budget includes Rhode Island Capital Plan (RICAP) funding of \$462,921 in FY2016 to complete the restoration and preservation work associated with the encasement of the Charter. In FY2015 \$37,079 in RICAP funds was spent on the project. Total funding is consistent with the enacted capital plan; however, funds are shifted to FY2016 due to a revised project timeline.

Division of Public Utilities and Carriers & Public Utilities Commission

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Public Utilities Commission Asset Protection	\$0.0	\$0.2	\$0.1	\$0.2	\$0.1	\$0.1	\$0.0	\$0.6
Total	-	\$0.2	\$0.1	\$0.2	\$0.1	\$0.1	-	\$0.6

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Funds	\$0.0	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.1
Restricted Receipt Funds	-	0.0	0.1	0.2	0.1	0.1	-	0.5
Total	-	\$0.2	\$0.1	\$0.2	\$0.1	\$0.1	-	\$0.6

\$ in millions. Totals may vary due to rounding.

Division of Public Utilities and Carriers and Public Utilities Commission Asset Protection

RIGL 39-1-23 authorizes the Administrator of the Division of Public Utilities and Carriers to assess all regulated public utility corporations an amount necessary to conduct the operations of the Division and Commission. The amount assessed each regulated utility is based on a utility's gross reported revenue. Currently, the Administrator sets the aggregate capital amount at \$300,000 per fiscal year, based on past annual capital expenditures of the Division. Assessments are placed into a restricted receipt account and used for capital projects for the Public Utilities Commission and the Division of Public Utilities and Carriers.

Asset protection funds are used for capital repairs on the facility located at 89 Jefferson Boulevard in the City of Warwick. The structure has been used by the Division of Public Utilities and Carriers/Public Utilities Commission since 2002 for office and public hearing space. In addition, the Division continues to replace older vehicles at the Agency. The SUVs are used by the Division's investigators to conduct highway safety programs in conjunction with the Rhode Island State Police, Unified Carrier Registration (UCR) inspections. The investigators use both vehicles to travel around the state for taxi, ferry, pipeline safety and other regulatory inspections. The project continues past practices of scheduling the replacement of the older vehicles over a period of fiscal years.

Project Status: The Budget includes \$613,963, comprising of \$490,705 in restricted receipts and \$123,258 in federal funds, consistent with the enacted capital plan, to fund the four asset protection projects between FY2016 and FY2020, including the replacement of windows, membrane roof, handicap railings and ramp, and to resurface the parking lot.

Executive Office of Commerce

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Affordable Housing	\$59.3	\$15.7	\$0.0	\$20.0	\$20.0	\$0.0	\$0.0	\$115.0
I-195 Relocation	0.8	0.3	0.3	-	-	-	-	1.4
Innovation Centers	-	-	-	5.0	5.0	5.0	5.0	20.0
Quonset Point/Davisville Pier	-	-	-	45.0	45.0	-	-	90.0
Total	\$60.1	\$16.0	\$0.3	\$70.0	\$70.0	\$5.0	\$5.0	\$226.4

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
G.O. New Referenda	\$0.0	\$0.0	\$0.0	\$60.0	\$60.0	\$5.0	\$5.0	\$130.0
P.L. 2006 Ch. 246 - Issued	50.0	-	-	-	-	-	-	50.0
P.L. 2012 Ch. 241 Issued	9.3	15.7	-	-	-	-	-	25.0
Revenue Bonds	-	-	-	10.0	10.0	-	-	20.0
RI Capital Plan Fund	0.8	0.3	0.3	-	-	-	-	1.4
Total	\$60.1	\$16.0	\$0.3	\$70.0	\$70.0	\$5.0	\$5.0	\$226.4

\$ in millions. Totals may vary due to rounding.

The Executive Office of Commerce was created by the 2013 General Assembly to be the principal agency of the executive branch of State government for managing the promotion of commerce and the economy within the State. The Secretary of Commerce oversees the Executive Office of Commerce. The Secretary is charged with coordinating a cohesive direction of the State's economic development activities and be the State's lead agency for economic development throughout Rhode Island.

Affordable Housing

The Governor recommends \$40.0 million in bond proceeds to promote affordable housing programs through redevelopment of existing structures, new construction, and/or foreclosure assistance. The funding will be allocated through Building Homes Rhode Island for the development of apartments, for-sale homes and supportive housing. The bond is expected to finance the development of 800 homes for low-income Rhode Islanders with special needs, working families and provide home ownership opportunities.

Previous affordable housing bond referenda were approved in the amount of \$25.0 million in FY2012 and \$50.0 million in FY2006. These previous bond issuances have financed the development of 1,944 homes in 30 communities.

Project Status: The Budget includes \$40.0 million in new bond proceeds with \$20.0 million to be appropriated in FY2018 and \$20.0 million in FY2019. The Budget also includes the expenditure of \$15.7 million in FY2016 from the \$25.0 million general obligation bond (P.L. 2012 Chapter 241) to fund the Building Homes Rhode Island (BHRI) program.

I-195 Redevelopment District Commission

The enacted capital plan includes funds for permitting, modeling, and architectural and engineering costs incurred by the I-195 Redevelopment District Commission to prepare the parcels for development. The Commission was created to acquire and administer the development of over 40 acres of former I-195 highway land. To assist with this task, the Commission requires architectural and engineering and other professional services.

Project Status: The Budget includes \$311,240 for FY2016 and \$300,000 for FY2017 in RICAP funds for projected engineering, planning, modeling, and permitting costs.

Innovation Centers

The Budget includes a proposal to build one or more innovation campuses through a university-business collaboration for cutting-edge research, product, service and business development. The proposal is based on recommendations from the 2016 Brookings “Rhode Island Innovates” report. The State will conduct a competitive process to determine the location and type of campus or campuses. Minimal proposal requirements include the involvement of a Rhode Island-based university, a greater investment of private or federal funds than state funds, at least one business partner, and the creation of a substantial number of jobs at a variety of skill levels. Priority will be given to proposals that include a state university as a sponsor.

Project Status: The Budget includes \$20.0 million in new bond proceeds evenly appropriated at \$5.0 million per year from FY2018 to FY2021 to build one or more innovation campuses through a university-business collaboration for cutting-edge research, product, service and business development.

Quonset Point/Davisville Pier

The Budget includes a \$70.0 million bond referendum for infrastructure modernization and repairs at the Port, including Pier 2. This Budget also includes a joint resolution for the issuance of up to \$20.0 million in debt required pursuant to RIGL 35-18-1, commonly known as the Kushner Act, for the proposed pier and port improvements to Pier 2 at the Quonset Davisville Port in the Town of North Kingstown. The total project cost is \$82.0 million for the Pier 2 Improvements, and \$8.0 million for port improvements, including work to Pier 1.

Pier 2 was built in 1956 and has outlived its original design lifespan of 50 years. According to the Quonset Development Corporation, the improvements will add another 50 years of design lifespan to the pier and create an additional berth capable of docking the auto carriers, allowing an additional 100,000 more units per year. The Corporation projects the auto carrier business will increase by 4.5 percent per year over the next 6 years, with import volumes growing to 295,600 units. In addition to autos, the Port handles various cargoes, including timber pilings from South America, wind turbine components, defense industry manufactured goods, and cogeneration equipment.

The remaining \$20.0 million is provided through Budget Article 6 which authorizes the Rhode Island Commerce Corporation to issue special obligation bonds of not more than \$20.0 million in General Assembly approved debt.

Project Status: The Budget includes \$70.0 million in new general obligation bond proceeds evenly appropriated at \$35.0 million per year in FY2018 and FY2019; and includes the expenditure of \$20.0 million in proposed revenue bond proceeds at \$10.0 million per year in FY2018 and FY2019.

Department of Children, Youth, and Families

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Fire Code Upgrades - Youth Group Homes	\$2.2	\$0.6	-	-	-	-	-	\$2.8
Groden Center - Fire Towers	-	0.1	-	-	-	-	-	0.1
NAFI Center	0.7	0.1	-	-	-	-	-	0.8
Training School - Generators	0.0	0.4	-	-	-	-	-	0.5
Training School - Maintenance Building	-	0.5	-	-	-	-	-	0.5
Training School - Repairs	0.5	0.8	0.3	-	-	-	-	1.5
Total	\$3.4	\$2.6	\$0.3	-	-	-	-	\$6.2

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
RI Capital Plan Fund	3.4	2.6	0.3	-	-	-	-	6.2
Total	\$3.4	\$2.6	\$0.3	-	-	-	-	\$6.2

\$ in millions. Totals may vary due to rounding.

Fire Code Upgrades – Youth Group Homes

The Department of Children, Youth, and Families (DCYF) assesses and upgrades fire protection systems to all 111 privately owned and operated youth group homes and facilities throughout the State. The upgrades ensure facilities are compliant with current fire code. Project components include architectural design plans and approvals, installation of sprinkler systems, installation of hardwired smoke detectors, alternative egress stairs installation, enclosure of heating systems, and well-water booster systems installation.

Project Status: The Department indicates that some of this work is being undertaken by individual providers and is working to complete a thorough assessment of youth group homes to ensure that upgrades are completed. DCYF is also working closely with the two System of Care networks to inventory all group homes to prioritize remaining upgrades. The FY2016 Budget as Enacted included \$590,000 concluding the expenditures for this project. Expenditures toward the project totaled \$2.8 million in Rhode Island Capital Plan (RICAP) funds.

Groden Center – Fire Towers

This project replaces two existing exterior steel fire ladders with enclosed brick stair towers at the Groden Center in Providence. The existing fire ladders were determined to be deficient by the State Fire Marshal, and as a result, there is no point of egress in the event of a fire from the second floor. Replacement of the ladders with new, enclosed stairs will ensure fire code compliance.

Project Status: The Budget includes \$127,500 in RICAP funds in FY2016 to complete this project. The funding level is consistent with the enacted capital plan; however, the project completion timeline is shifted out one year to reflect project delays.

NAFI Center

This asset protection project repairs electrical and fire safety systems at the North American Family Institute (NAFI) State-owned group home facility. The facility houses a residential treatment program for up to 22 youth. Repairs include a new boiler and hot water heater, painting, driveway and parking lot replacement, installation of a new sprinkler system, fire pump, fire alarm system, HVAC upgrades, and drainage pipe repairs.

Project Status: The Budget includes the final \$132,857 in FY2016 to complete the project. The following projects have been completed to date: boiler and hot water heater replacement, painting, driveway and parking lot replacement, and the replacement of sprinklers and fire alarms. Projects to be completed include the upgrade of generator and air conditioning systems and repair to drainage pipes.

Training School - Generators

This project permits DCYF to purchase two generators for the Rhode Island Training School (RITS), which consists of two facilities - the Youth Assessment Center (YAC) and the Youth Detention Center (YDC). One of the generators will be located at the YAC and one of the generators will be located at the YDC. The YDC is the larger of the two facilities and houses its kitchen operations. Any power failure will compromise the safety of food storage and preparation. Additionally, in an event of a power failure or emergency situation, youth detained at the RITS within the YAC, can be temporarily located within the gymnasium in the YDC. This purchase will replace rental generators currently being used to provide backup power to the RITS.

Currently, the generators in both facilities are “life/safety” generators that power only lights and a portion of the computer and security systems. If power is lost at either facility, some facilities and systems become inoperable or fail to function properly, including the HVAC system and kitchen facilities. The Pastore Complex has a system in place for renting generators in the event of power failures, however, this protocol has proven to be problematic in the past.

Project Status: The Budget includes \$427,000 in FY2016 in RICAP funds for this project. Total funding is consistent with the enacted level. The Department is working with the DOA Division of Capital Asset Management and Maintenance (DCAMM) and an electrical engineer to complete an electrical assessment to guide specifications for the bid to replace the generators. The project is expected to be complete by the end of FY2016.

Training School – Maintenance Building

This project permits DCYF to renovate two existing, vacant buildings at the Pastore Complex to house maintenance operations for the RITS. Upon construction of the new RITS and closure of the old training school facility, maintenance operations were moved to a separate building at the Pastore Complex as the new RITS did not have space for these operations. According to the Department, this move was intended to be temporary as the building being used was slated for demolition. The Department is now using rented storage containers and a vacated pod at the RITS for storage as correctional standards dictate that deliveries should be made to a separate warehouse to prevent contraband from entering a secure facility.

These renovated buildings establish space for maintenance operations and creates shop and warehouse areas needed to operate the correctional facility. Shop areas will be used to store filters, light bulbs, ceiling tiles, and supplies for repairs and warehouse areas will be used to store items such as food supplies, paper supplies, clothing, and shoes. These buildings will also provide space for carpentry, welding, and other functions to maintain the RITS.

Project Status: The Budget includes \$535,000 in RICAP funds in FY2016, consistent with the current, enacted capital plan. The Department completed an assessment with DCAMM over the last several months and decided to use a pre-fabricated building to complete this project. This will result in a more cost efficient and safer facility to maintain the general supplies of the Training School.

Training School Repairs

This project repairs defects at the RITS, which initially appeared to be the results of poor design of this facility. However, the Department, in conjunction with the Department of Administration (DOA) and the Office of the Attorney General, unsuccessfully attempted to recuperate costs associated with the defects through legal remedy. According to documentation provided by DOA, it was determined that the State’s claim could not be substantiated. Specific repairs include:

- Replacement of the flashing to prevent water damage to the roof and insulation. This includes architectural and engineering services, which have already begun, and construction, beginning in FY2015, to remediate building leaks.
- A new generator power conduit.

- Two new cement pads to address sewer odors.

Project Status: The Budget includes \$750,000 in RICAP funds in FY2016 and \$250,000 in FY2017 to complete repairs. Contractor bids were received and a contractor was selected. Despite its inclusion in its capital budget for FY2016, DCYF indicated that the repairs to the roof will be complete by the end of FY2016. However, the remaining elements of this project are on hold until a better work plan to facilitate this project is determined.

Department of Human Services

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Blind Vending Facilities	\$0.9	\$0.2	\$0.2	\$0.2	\$0.2	\$0.2	\$0.2	\$1.9
Veterans' Cemetery Survey of Burial Fields	-	0.1	-	-	-	-	-	0.1
Veterans' Home: New Construction	6.6	36.9	42.5	35.0	-	-	-	121.0
Total	\$7.5	\$37.2	\$42.7	\$35.2	\$0.2	\$0.2	\$0.2	\$123.0

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Funds	\$0.0	\$10.0	\$42.5	\$8.0	-	-	-	\$60.5
G.O. New Referenda	-	-	-	27.0	-	-	-	27.0
General Revenue	0.0	-	-	-	-	-	-	0.0
P.L. 2012 Ch. 241 Issued	6.6	11.9	-	-	-	-	-	18.5
P.L. 2012 Ch. 241 Unissued	-	15.0	-	-	-	-	-	15.0
Restricted Receipt Funds	-	0.1	-	-	-	-	-	0.1
RI Capital Plan Fund	0.8	0.2	0.2	0.2	0.2	0.2	0.2	1.9
Total	\$7.5	\$37.2	\$42.7	\$35.2	\$0.2	\$0.2	\$0.2	\$123.0

\$ in millions. Totals may vary due to rounding.

Blind Vending Facilities

The Department of Human Services (DHS) constructs and renovates vending facilities at state buildings as part of the Department's Business Enterprises Program, a federal-state vocational rehabilitation program for the blind. This project ensures that a least one vending location operated by the legally blind can be created or renovated each year. The newest vending facility opened in 2010 at the RI Registry of Motor Vehicles in Cranston.

Project Status: The Budget includes \$165,000 per year from FY2017 through FY2021 to fund on-going upgrades.

Veterans' Cemetery – Burial Fields Survey

Several acres of land have been identified for use as burial plots at the Rhode Island Veterans' Memorial Cemetery. This project permits the Department to conduct a survey of the land to determine the specific number of plots, site the plots, and identify the number of additional burials that would be permissible within the unused acreage.

Project Status: The Budget includes \$75,000 in restricted receipts to fund this project in FY2016. Currently the project is on hold because the Veterans' Cemetery has applied for a grant that requires them to have a certain amount of funds on hand to qualify as a grantee. The Veterans' Cemetery is holding onto the funds dedicated to the Burial Fields Survey while they await notification about the status of their grant application.

Veterans' Home - New Construction

In November 2012, voters approved the issuance of \$94.0 million in general obligation bonds to construct a new Veterans' Home on the grounds of the existing home in Bristol. In FY2017 the Governor recommends an additional \$27.0 million in bond proceeds for the project; however, due to an increased federal reimbursement, the cost to the State will decrease by \$12.4 million. This new facility will include 192 nursing beds for veterans who require specialized care services and an additional 16 beds for veterans who require only some assisted living care, bringing the total capacity to 208.

The original design was estimated to cost approximately \$94.0 million; consequently, the 2012 bond referendum was written to allow the full use of the \$94.0 million, net federal reimbursement, in case federal funds were not awarded. After voter approval of the 2012 referendum, the federal Veterans' Administration (VA) approved a different design with a community living center and clusters of private rooms arrayed around the common areas, instead of the semi-private rooms included in the original design. This new design is consistent with modern VA nursing home standards, and is estimated to cost

\$121.0 million, of which \$60.5 million will be federally funded. The Governor's recommendation assumes the receipt of \$10.0 million in federal funds in FY2016, \$42.5 million in FY2017, and \$8.0 million in FY2018. The language of the 2012 bond referendum, however, only allows the State to issue \$33.5 million (\$94.0 million minus the \$60.5 million federal reimbursement) leaving a shortfall of \$27.0 million. The new bond referendum will address this shortfall to fully fund the new Veterans' Home at a reduced cost to the State.

Project Status: Groundbreaking ceremonies for the Veterans' Home occurred in May 2015, construction is anticipated to be completed in FY2018.

It was initially projected that the new facility would consist of three phases: a new 225 bed nursing facility, the construction of a new 75 bed assisted living facility, and the renovation of a portion of the existing facility to address the needs of spouses, homeless veterans, and those requiring rehabilitation. However, following discussions with the VA, the projected capacity of the new home was revised downward to a total of 208 beds to maintain eligibility for all available federal funds. This includes the federal reimbursement for a portion of the construction of new home as well as a per diem reimbursement DHS receives for each resident of the Veterans' Home, which averages \$7.0 million annually. Federal regulation limits Rhode Island to 157 nursing beds, however, the State was granted a waiver permitting the addition of 35 more nursing beds, and 16 assisted living beds, bringing the total capacity, including nursing (192) and assisted living beds (16), to 208.

Department of Behavioral Healthcare, Developmental Disabilities and Hospitals

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
BHDDH Administration Buildings Renovation	\$3.7	\$2.5	\$5.6	\$0.3	\$0.3	\$0.3	\$0.3	\$12.8
Community Facilities - Capital Repair	4.3	1.0	1.0	1.0	0.8	0.8	0.8	9.6
Community Facilities - Fire Code	2.0	0.4	0.4	0.4	0.4	0.2	-	3.7
DD Private Waiver Comm. Facilities Fire Code Upgrades	4.0	0.6	0.4	0.2	0.2	-	-	5.4
DD Regional Center Repair/Rehabilitation	2.5	0.4	-	-	-	-	-	2.9
DD Residential Development	4.2	0.7	0.5	0.5	0.5	0.5	0.5	7.5
Hospital Equipment	-	0.3	0.3	0.3	0.3	0.3	0.3	1.8
Hospital Reorganization	-	-	1.0	-	-	-	-	1.0
Mental Health Community Facilities/Capital Repair	1.9	0.5	0.4	0.4	0.4	0.4	0.4	4.3
Mental Health Residences (Housing Development)	4.3	0.8	0.8	0.8	0.8	0.8	0.8	9.1
Regan Building Renovations	3.6	0.3	0.3	0.3	0.3	0.3	0.3	5.1
Substance Abuse - Asset Protection	0.4	0.1	0.1	0.1	0.1	0.1	0.1	1.1
Zambarano Buildings	0.8	0.4	0.4	0.3	0.1	0.1	0.1	2.3
Total	\$31.7	\$7.9	\$11.1	\$4.5	\$4.1	\$3.7	\$3.5	\$66.5

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Funds	\$2.5	\$0.3	\$0.2	\$0.1	\$0.1	-	-	\$3.2
RI Capital Plan Fund	29.2	7.6	10.9	4.4	4.0	3.7	3.5	63.3
Total	\$31.7	\$7.9	\$11.1	\$4.5	\$4.1	\$3.7	\$3.5	\$66.5

\$ in millions. Totals may vary due to rounding.

BHDDH Administration Buildings Renovation

Barry and Simpson Halls, built in the 1930's as nurse dormitories are currently being used as BHDDH's administrative offices, are renovated by this project. Renovations include new windows, an HVAC system, replacement of asbestos pipe insulation and new carpets and a new roof. Additional planned projects include renovations to make the exteriors and bathrooms handicap accessible.

Project Status: The Budget includes \$12.8 million RICAP funds, including \$5.6 million in FY2017. Expenditures prior to FY2017 total \$6.2 million.

Community Facilities – Capital Repair

This project provides RICAP funds for emergency repairs and asset protection of 270 State-owned group homes that serve as community residences for those with developmental disabilities. The State operates 149 of these locations, while 121 are privately operated. As part of the contracts with providers to operate the community residences, the State is obligated to maintain all of the facilities.

Typical projects include HVAC, boiler systems, exterior and interior painting, flooring, and electrical and septic repairs. These repairs are funded as requested by private operators of group homes on an ad hoc basis, no comprehensive assessment of the homes' conditions has been undertaken. The average State-owned group home is 67 years old.

Project Status: The Budget include \$9.6 million in RICAP funding for asset protection; including \$1.0 million annually from FY2016 through FY2018, and \$750,000 annually thereafter. The projects will secure the building envelope of 15 homes, replace septic systems at 3 homes, and install emergency generators in 20 homes.

Community Facilities – Fire Code Upgrades

This project upgrades the existing fire alarm and sprinkler systems in 111 day program and residential behavioral healthcare facilities licensed by the Department. The upgrades are required under the state fire code as previously granted waivers to the code were revoked in February 2004. Unlike the project which provides for fire code upgrades to group homes for the developmentally disabled, there is no federal Medicaid match available for these behavioral health facilities, so the project will be funded entirely with RICAP funds.

Project Status: To date, 67 facilities have been upgraded and are fully fire code compliant. Work has begun on 16 other facilities. The Budget includes RICAP funds of \$400,000 in FY2017 through FY2019, consistent with the FY2016 enacted capital plan.

DD Private Waiver Community Facilities Fire Code Upgrades

This project installs new and upgraded fire alarm and sprinkler systems as required under the State fire code in community residences operated by private providers and licensed by the Division of Developmental Disabilities. These residences had been grandfathered or had been granted permanent variances under prior fire codes but the new code eliminated these allowances. These upgrades qualify for Medicaid matching funds.

In FY2013, the Department worked with the Fire Safety Code Board to develop a plan for completing the fire alarm and sprinkler upgrades concurrently, whereas there had been separate plans for each in previous capital plans.

Project Status: Upgrades to 165 homes have been completed and 10 are in process. The Budget includes \$400,000 in FY2017, which includes a \$200,000 federal match, and includes \$200,000 per year through FY2019. Expenditures prior to FY2016 were \$1.5 million in RICAP funds.

DD Regional Center Repair/Rehabilitation

This project funds routine maintenance of 11 State-owned facilities such as the Trudeau Center in Warwick, the Olean Center in Westerly, and the Fogarty Center in North Providence that are used for privately-operated day workshop programs for the developmentally disabled. Repairs typically include parking lot repaving and restriping, window, bathroom, and HVAC upgrades.

Project Status: The Budget includes total funding of \$2.9 million and \$400,000 in RICAP funds in FY2016 enacted to complete proposed projects. Expenditures prior to FY2016 were \$2.5 million.

DD Residential Development

This project funds the development of community-based housing for developmentally-disabled individuals as part of two programs: Thresholds and Access to Independence, both of which are administered by Rhode Island Housing. Funds are used to provide one-time adaptations and modifications so that children can remain in the family home as well as to purchase new units as the Department moves away from its current group home model where the State purchases and maintains residences.

Project Status: The Budget includes \$7.5 million in RICAP funding including \$500,000 annually through FY2021. Expenditures prior to FY2017 total \$4.9 million.

Hospital Equipment

Phase I of this project provides for the purchase hospital beds and medical equipment such as infusion pumps, defibrillators, vital sign monitors, and Stryker beds. It also funds upgrades to the Eleanor Slater Hospital respiratory unit's ventilation management system that monitors breathing of patients on ventilators.

Phase II will move the hospital's access control to the State of RI Enterprise Access Control System. Card readers and access cards will be added to provide authorized entry and exit to patient floors. The hospital's video surveillance system will be upgraded.

Project Status: The Budget includes of \$1.8 million in RICAP funds for this project began in FY2016 and is funded through FY2021 allocating \$300,000 in FY2017 and each year thereafter.

Hospital Reorganization

This project replaces the Hospital Consolidation project which included demolition of the Pinel Building and the Adolf Meyer Building, which house about 100 psychiatric and geriatric psychiatric patients. The Budget includes funding for a study to assess the needs of the hospital and prepare better estimates of the cost associated with the Hospital Consolidation project.

Project Status: The Budget includes \$1.0 million one-time funding in FY2017.

Mental Health Community Facilities/Capital Repair

Emergency repairs and asset protection at the 22 state-owned behavioral health group homes and 7 outpatient facilities are funded by this project. Types of repairs include HVAC, boiler systems, exterior and interior painting, flooring, and electrical and septic repairs.

Project Status: The Budget includes \$4.3 million in RICAP funding, expending \$1.9 million prior to FY2016 and \$500,000 in FY2016 for this project. The Budget includes \$400,000 of RICAP funds annually from FY2017 to FY2021.

Mental Health Residences (Housing Development)

Ongoing RICAP funding maintains housing for those with serious and persistent mental illness as part of a program known as Thresholds, which is administered with Rhode Island Housing on behalf of BHDDH. The Thresholds program helps non-profit groups purchase and rehabilitate apartments and homes and provide mental health and supportive services that enable those with mental illness to live in the community rather than in an institution.

Project Status: FY2014 funding of \$800,000 was allocated to Opportunities Unlimited for housing in South Kingston, Valley Affordable Housing Corporation for housing in Cumberland, and Fellowship Health Resources for Housing in Providence and Cranston. The Budget includes \$9.1 million in RICAP funding, \$800,000 in FY2016 through FY2020, consistent with the enacted plan.

Regan Building Renovations

This project funds the continued maintenance of BHDDH's Mathias and Regan buildings of the Eleanor Slater Hospital, including upgrades to the HVAC, electrical, and elevator systems. Renovation of four Regan nursing stations and replacement of windows at Mathias is also included.

Project Status: The Budget includes total funding of \$5.1 million in RICAP funds allocating \$250,000 in FY2017 through FY2021. Expenditures prior to FY2017 total \$3.9 million.

Substance Abuse Facilities Asset Protection

This project funds the maintenance and renovation of the 12 community facilities that house substance abuse clients and programs and typically have 12 to 16 beds. Projects include exterior envelope repairs, HVAC upgrades, and bathroom and kitchen renovations.

Project Status: The Budget includes \$1.1 million in RICAP funding, allocating \$100,000 annually through FY2021. Expenditures prior to FY2017 total \$500,000. Current projects include the replacement of an

emergency generator and exterior painting of a facility in Richmond and the installation of a wastewater treatment system at the Phoenix House on the Zambarano campus.

Zambarano Buildings

This project renovates the Beasley Building at the Zambarano Unit of the Eleanor Slater Hospital, including renovation of the oxygen system, a new roof, a central HVAC system, and improvements to the exterior envelope including windows and masonry pointing. Buildings at the Zambarano Hospital Campus in Burrillville range in age from 50 years to 80 years. In prior years, this project has replaced 612 windows and repointed the masonry of the Wallum Lake House.

Project Status: The Budget includes total funding of \$2.3 million in RICAP funds, allocating \$400,000 in FY2017. Expenditures prior to FY2017 total \$1.2 million.

Elementary and Secondary Education

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Davies Career and Tech. School Asset Protection	\$1.0	\$0.8	\$0.2	\$0.2	\$0.2	\$0.2	\$0.2	\$2.5
Davies Career and Tech. School HVAC	2.1	0.5	1.4	1.1	-	-	-	5.1
ITI - Comprehensive Education Information System	7.2	0.2	0.2	-	-	-	-	7.6
LEA Technology Infrastructure	7.9	11.9	-	-	-	-	-	19.8
Met School Asset Protection	0.2	0.1	0.1	0.3	0.3	0.3	0.3	1.4
Metropolitan Career and Tech HVAC	2.4	3.8	-	-	-	-	-	6.2
School Building Authority	-	-	-	10.0	10.0	10.0	10.0	40.0
Shepard's Building Air Quality	-	-	0.1	0.1	-	-	-	0.2
Warwick Career & Tech. Projects	1.0	1.8	0.4	-	-	-	-	3.1
Woonsocket Career & Tech. Projects	0.0	1.2	2.0	-	-	-	-	3.2
Total	\$21.8	\$20.3	\$4.3	\$11.6	\$10.4	\$10.4	\$10.4	\$89.2

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Certificates of Participation	\$10.4	\$12.2	\$0.2	-	-	-	-	\$22.8
Federal Funds	4.6	-	-	-	-	-	-	4.6
G.O. New Referenda	-	-	-	10.0	10.0	10.0	10.0	40.0
RI Capital Plan Fund	6.8	8.2	4.0	1.6	0.4	0.4	0.4	21.8
Total	\$21.8	\$20.3	\$4.3	\$11.6	\$10.4	\$10.4	\$10.4	\$89.2

\$ in millions. Totals may vary due to rounding.

Davies Career and Technical School - Asset Protection

The asset protection project provides funding for the most pressing capital needs on a year-to-year basis. The facility was built 1972 and has experienced wear and tear over time. In FY2014, Davies was granted a final extension to correct fire code violations. The deadline was extended until the opening of school in September 2014: this deadline was met. Other anticipated projects include waterproofing and sealing, paving of the access road and parking lot, and window replacement.

Project Status: The Budget includes \$770,000 in RICAP funds in FY2016 and \$150,000 in FY2017. Davies will complete a long-term master plan in FY2017.

Davies Career and Technical School – HVAC

This project replaces and repairs the HVAC system at the Davies Career and Technical Center. The existing equipment is over 30 years old, is inefficient, and is contributing to air quality issues in a number of areas in the building. In FY2010, architectural and engineering work led to a change in the scope of the project from an electric-based heating/cooling solution to an energy-efficient hydronic heating and split cooling system.

Project Status: The Budget includes \$500,000 in FY2016, \$1.4 million in FY2017, and \$1.1 million to complete this project in FY2018; however, much of the project will be delayed until the master plan is completed. Also, due to the conditions in the freshman wing, work will need to be done in the summer of 2016, prior to the completion of the masterplan. The cost of the necessary work will be determined based on a professional assessment.

ITI - Comprehensive Education Information System

The Comprehensive Education Information System (CEIS) innovative schools initiative integrates state and local school information systems to comply with the mandates of No Child Left Behind and to assess how well Rhode Island schools are meeting their mandates for student achievement. The project has provided for the building of a data enterprise, license and support of the data warehouse, revisions to the uniform

chart of accounts, and enhancements to eRIDE, a secure portal where districts and schools submit data to the statewide data collection system. Improvements include making the data more user-friendly and providing more stream-lined access with the new Single Sign On (SSO) portal. This system uses nationally recognized standards in educational data elements to allow different databases to communicate with each other for the purposes of transferring and verifying data.

Funding has also been used to construct a data warehouse to be the Department's repository for electronically stored data, as well as a statewide directory for the data warehouse, the Adult Basic Education Information System, and a dry fire suppression system for the technology room at the Shepard Building.

Project Status: This project, now dubbed "RIDEMAP", is scheduled for completion in FY2017. In FY2015, this project provided additional data backup requirements and a feasibility analysis of cloud storage. In FY2016 and FY2017 the project will include replacing remaining infrastructure systems, and database systems that are reaching the end of life.

The total project cost of \$7.6 million includes \$3.0 million in certificates of participation and \$4.6 million in federal funds. The Budget includes \$220,940 in certificates of participation in FY2016 and \$220,385 in FY2017.

LEA Technology Infrastructure

This project provides technological upgrades to school district buildings that are needed to meet the requirements of the federal Race to the Top grant, such as student/teacher information systems, virtual learning, and technology in the classroom. The proceeds from certificates of participation are being used primarily to extend the wireless access in classrooms across the State through the installation of switches, routers and wiring. The proposal also includes a matching request for private funds for the purchase of electronic devices, computer labs, mobile computer carts, and other equipment.

Project Status: As of March 2016, \$17.6 million in grants have been issued and \$11.5 million in payments have been made. A small group of schools in Providence were able to leverage federal E-Rate funding for the project. This project is funded with \$19.8 million in certificates of participation, the Budget includes \$11.9 million to complete this project in FY2016. The Department is aiming for a completion date of June 30, 2016; however, the Department may need until September 30, 2016, to complete all the associated paperwork.

Metropolitan Regional Career and Technical Center – Asset Protection

The Metropolitan Regional Career and Technical Center (MET) consists of three campuses: East Bay, Peace Street, and Public Street with a total of eight buildings and a storage facility totaling over 100,000 square feet. The Gallagher building is over 50 years old and in need of improvements to adequately function as a school facility. The MET previously funded asset protection projects out of the operating budget; however, due to budget reductions and restrictions, asset protection projects have been delayed, resulting in a backlog of maintenance items that need repair.

Project Status: The project focuses on work at the East Bay campus such as replacing and repairing doors, door hardware and locks; mending cracks and frost heaves in the walkways and basketball court; and other code-required repairs. The Budget includes \$100,000 in RICAP funds in FY2016 and FY2017. Beginning in FY2018, the annual allocation increases to \$250,000 to reflect the square footage of the Newport Campus, including the Paul Crowley East Bay Met Center and the Gallagher building.

Metropolitan Regional Career and Technical School – HVAC

This project replaces and repairs the HVAC systems for five buildings at the MET School’s Peace Street and Public Street campuses. The HVAC equipment at the Public Street campus was installed in 2000-2001. Due to the “value engineering” of the system’s original design and balancing, many of the controls and systems are unable to work together efficiently. Despite measures to correct problems, heating, cooling and air quality issues persist. RISE Engineering, in conjunction with the State of Rhode Island Office of Energy Resources, conducted a preliminary audit of the HVAC systems in 2009 and the audit confirmed that the systems were inefficient and that units were operating 24/7 with no ability to control them. In FY2011, the MET School procured an investment grade audit of the HVAC systems that identified \$4.2 million in necessary repairs. The Department has since issued a contract with Building Engineering Resources (BER), Inc. to design a full system upgrade/replacement and to estimate total costs.

Project Status: Phase I of the project, addressing two of the five buildings, is complete. The contract was awarded to the lowest bidder for \$2.1 million, 18.7 percent higher than the cost as estimated by BER. The construction costs along with design and contingency costs exhausted the \$2.5 million originally budgeted for the five buildings. An additional \$3.7 million was budgeted in Phase II for the remaining three buildings, including the construction estimate calculated by BER plus an 18.7 percent contingency that was calculated based on previous bid experience. The project is currently in the design phase with the request for proposals expected by May. The Budget includes \$3.8 million in FY2016 to complete the \$6.2 million project; however, the Department anticipates that only \$100,000 will be spent in FY2016 with the balance needed in early FY2017 since the construction will be done over the summer.

School Building Authority (new)

Article 9 of the FY2016 Budget as Enacted designated the Department of Elementary and Secondary Education (Department) as the State’s School Building Authority and charged the Department with implementing a system of state funding for school facilities, managing the school housing aid program, and developing a project priority system. The Authority oversees two distinct funding mechanisms for school facilities: the foundation program, as enumerated in RIGL 16-7-35 through 16-7-47, and the school building authority capital fund (Capital Fund), as created through the article.

Article 5 of the FY2017 Budget proposes \$257.5 million in ballot referenda to go before Rhode Island voters for their approval in November. Included in the proposal are six questions including \$40.0 million in bond proceeds to fund the School Building Authority Capital Fund. The proceeds would be used to repair, upgrade, and modernize public schools, focusing on projects that demonstrate an urgent health and safety need or an investment in science, technology, engineering, arts/design, and math (STEAM), as well as career and technical education learning spaces.

Project Status: The Budget provides \$10.0 million in general obligation bond proceeds annually in FY2018 through FY2021.

Shepard’s Building Air Quality (new)

This project replaces duct work in the HVAC system for the sixth floor office area of the Shepard Building containing offices for the Department of Elementary and Secondary Education. Recent indoor air quality testing indicates the potential presence of mold in the rooftop ductwork. About \$300,000 in RICAP funds was spent between FY2009 and FY2010 to install a supplemental air conditioning system for the sixth floor office area to remediate air quality issue. The ductwork was not replaced at that time, however, due to budget constraints.

Project Status: The Budget provides \$95,000 annually in FY2017 and FY2018 for a total project cost of \$190,000.

Warwick Career and Technical School Projects

This project replaces the roofing system at the state-owned, Warwick Career and Technical Center. The existing membrane roofing system is over 20 years old, and water leaks have compromised the structural integrity of the roof framing system. The project also includes other repairs identified through a 2014 feasibility study needed to induce the district to take ownership of the facility.

Project Status: The State Properties Committee approved the transfer of the property to the City on March 3, 2015. Pursuant to the transfer agreement, the first payment of \$950,000 was made in FY2015. The Budget includes \$1.8 million in FY2016 and \$350,000 in FY2017 for the final payment, at which time the transfer will be completed.

Woonsocket Career and Technical School Projects

This project replaces the roofing system and makes other improvements to meet building code requirements at the state-owned, Woonsocket Career and Technical Center. Both the roof and the HVAC system are original to the building and over 40 years old. The roof has been patched multiple times but continues to leak, damaging ceilings, flooring, furniture, fixtures and equipment. Although the Department did not have an agreement with Woonsocket to transfer ownership of the facility, \$56,950 was spent on feasibility study in 2012 focusing on the roof and HVAC system.

Project Status: The City has completed a facility assessment to determine the cost of repairing the building. The City Council and School Committee voted to accept the transfer agreement in early FY2016 and the Council on Elementary and Secondary Education is expected to approve the transfer at the April 5, 2016, meeting. The transfer will be presented to the State Properties Committee in May. The Budget includes \$1.2 million in RICAP funds in FY2016 and \$2.0 million in FY2017.

Public Higher Education

The capital budget for Higher Education totals \$765.5 million between FY2016 and FY2021 and will allocate funding between 64 projects, 56 of which are classified as continuing projects and 8 of which are new. Of the 64 projects, 45 are located or managed at the University of Rhode Island (URI), 13 at Rhode Island College (RIC), 6 at the Community College of Rhode Island (CCRI). Asset Protection funds are requested at all three institutions. The following analysis is divided into sections by institution, and organized according to the priority ranking of the project.

General Obligation Bonds

The Budget includes requests for eight new projects to be funded by general obligation bond referenda totaling \$416.8 million, including \$237.8 million for four projects at URI and \$179.0 million for four projects at RIC. The Budget does not include any new general obligation bond proposals for CCRI. These new general obligation bonds would require voter approval in a general election.

School	Proposed Bond Referenda	Nov 2016	Nov 2018	Nov 2020	Total
URI	College of Engineering - Phase 2	\$25.5			\$25.5
URI	Historic Quadrangle Building Renovations - Phase 1		105.4		105.4
URI	Fine Arts Center		68.0		68.0
URI	Ocean Engineering		38.9		38.9
RIC	Academic Building Phase II - Horace Mann, Adams Library		80.0		80.0
RIC	Academic Building Phase III - Whipple Hall			16.5	16.5
RIC	Academic Building Phase IV - Clarke Science, Henry Barnard			62.5	62.5
RIC	East Campus Improvements			20.0	20.0
Total		\$25.5	\$292.3	\$99.0	\$416.8

\$ in millions.

Project Status: Of the two projects requested for November 2016, only the College of Engineering project is recommended by the Governor. The Fine Arts Center was shifted to the 2018 election. The Budget does not include referenda language for the out-year projects; however, the projects requested for the 2018 ballot are included in the capital project schedule with funding beginning in FY2020 or FY2021. The projects requested for the November 2020 ballot do not appear in the project schedule at this time, as funding would not be expected to begin before FY2022.

UNIVERSITY OF RHODE ISLAND

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Asset Protection	\$50.2	\$7.7	\$13.6	\$8.0	\$8.2	\$8.4	\$8.5	\$104.6
Athletic & Recreation Facilities Advanced Planning	-	-	0.3	-	-	-	-	0.3
Biological Resources Lab	-	-	-	-	-	2.2	21.5	23.7
Biological Resources Renovation- Advanced Planning	-	-	0.2	-	-	-	-	0.2
Butterfield Dining Hall Expansion	6.8	4.2	-	-	-	-	-	11.0
College of Pharmacy Building	69.3	1.1	-	-	-	-	-	70.3
Combined Health & Counseling Center	-	-	-	-	2.3	11.5	7.2	21.0
Edwards Hall Renovation	-	-	-	0.4	3.4	-	-	3.8
Electric Utility Substation Replacement	2.8	4.2	-	-	-	-	-	7.0
Energy Conservation/Performance Contract. Phase II	5.6	-	5.2	1.8	-	-	-	12.6
Energy Conservation/Performance Contract. Phase III	-	-	-	-	7.0	4.6	-	11.6
Engineering - Building Renovations	-	7.5	25.0	35.0	35.0	22.5	-	125.0
Engineering - Building Renovations Phase 2	-	-	-	1.2	1.2	12.0	11.1	25.5
Facilities Services Sector Upgrade	-	-	-	-	-	-	1.1	1.1
Fine Arts Center Renovation - Advanced Planning	0.6	0.1	0.1	-	-	-	-	0.7
Fine Arts Center Renovation & Addition	-	-	-	-	-	15.0	38.0	53.0
Fire Safety & Protection Academic & Administrative	20.4	5.5	-	-	-	-	-	25.8
Fire Safety & Protection Auxiliary Enterprises	8.3	2.0	5.9	2.0	-	-	-	18.2
Fraternity Circle Infrastructure	-	0.4	3.7	1.0	-	-	-	5.1
Fraternity Circle Master Plan Implementation	-	-	-	0.2	2.7	-	-	2.9
Gateway to URI (welcome center)	-	0.6	4.6	2.1	-	-	-	7.3
Historic Quadrangle Buildings Renovations	-	-	-	-	-	-	1.5	1.5
Hope Commons Expansion	-	-	0.2	1.8	-	-	-	2.0
Morrill Hall Renovation	-	-	-	-	-	2.5	10.0	12.6
NBC Campus Building Renovation - Advanced Planning	-	0.4	-	-	-	-	-	0.4
NBC Hazmat Storage	-	-	0.7	-	-	-	-	0.7
New Chemistry Building	57.2	17.9	1.9	-	-	-	-	77.1
North District Infrastructure & Program Support	9.4	0.9	-	-	-	-	-	10.3
Nursing Education Center	0.4	0.7	10.7	-	-	-	-	11.8
Ocean Engineering	-	-	-	-	-	6.0	6.0	12.0
Public Safety Building	-	-	-	-	-	-	0.6	0.6
Ranger Hall Renovation Phase I	2.0	3.4	-	-	-	-	-	5.4
Repaving & Road Construction	8.1	3.1	3.1	-	-	-	-	14.4
Repaving, Hardscape & Landscape	-	-	-	3.3	3.1	3.6	-	10.0
Roger Williams Complex - Advanced Planning	0.2	3.7	1.9	-	-	-	-	5.8
Shepard Building Upgrades	-	-	-	0.3	0.5	2.0	2.0	4.8
Storm Water Management	-	-	-	-	-	-	0.1	0.1
Upper College Road Multiuse Development	0.1	0.4	-	-	-	-	-	0.5
URI Biotechnology Center	4.9	0.2	-	-	-	-	-	5.1
Utility Infrastructure Upgrade Phase I	-	-	1.7	4.8	-	-	-	6.5
Utility Infrastructure Upgrade Phase II	-	-	-	-	7.1	6.6	4.6	18.4
White Hall Renovations	0.9	0.5	1.5	-	-	-	-	3.0
Total	\$247.3	\$64.4	\$80.2	\$61.8	\$70.6	\$96.9	\$112.4	\$733.6

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Certificates of Participation	\$5.6	\$0.0	\$15.7	\$1.8	\$7.0	\$4.6	\$ -	\$34.7
Federal Stimulus Funding	12.5	-	-	-	-	-	-	12.5
G.O. New Referenda	-	-	-	1.2	1.2	27.0	50.6	80.0
P.L. 1996 Ch. 100 - Issued	1.5	2.1	-	-	-	-	-	3.6
P.L. 2006 Ch. 246 - Issued	64.1	0.9	-	-	-	-	-	65.0
P.L. 2010 Ch. 23 - Issued	49.6	10.0	1.4	-	-	-	-	61.0
P.L. 2014 Ch. 145 - Unissued	-	7.5	25.0	35.0	35.0	22.5	-	125.0
Private Funding	4.8	4.7	0.2	0.2	2.7	3.0	9.8	25.4
RI Capital Plan Fund	72.2	22.8	13.8	8.3	8.7	10.4	10.5	146.6
RIHEBC Bonds	25.2	6.4	14.5	11.0	10.2	21.1	12.4	100.8
Third Party Financing	0.4	0.0	0.0	-	-	2.2	21.5	24.2
University/College Funds	11.3	10.1	9.6	4.3	5.7	6.2	7.6	54.8
Total	\$247.3	\$64.4	\$80.2	\$61.8	\$70.6	\$96.9	\$112.4	\$733.6

\$ in millions. Totals may vary due to rounding.

Asset Protection

Asset Protection projects are budgeted from Rhode Island Capital Plan (RICAP) funds and are used to maintain and repair facilities, including roads, buildings, and infrastructure. The asset protection program includes a number of projects at various facilities, and allows the school to shift funding based on current priorities. The University's project list includes roof replacements/repairs at Davis and Roosevelt Halls, Ranger Hall renovations, utility upgrades, window and screen replacements, and HVAC improvements and masonry repairs at the Carothers Library.

Project Status: The Budget includes \$54.4 million in RICAP funds for asset protection for FY2016 through FY2021, including \$7.7 million in FY2016 and \$13.6 million in FY2017.

Athletic & Recreation Facilities Advanced Planning (New)

The University recognizes several areas within the Athletic Complex that need rehabilitation or replacement, including the rehabilitation of the Slade Outdoor Track and Field, the reconstruction of the Meade Stadium Grandstands, and the replacement of the 45-year-old Tootell Aquatics Center. The University will undertake a study to determine the most effective solution to these issues.

Project Status: The Budget includes \$250,000 in University/College funds in FY2017 to fund this advanced planning study.

Biological Resources Lab

Construction of a new small, lab animal care facility that meets current federal standards will allow URI to centralize and replace older facilities. It will be constructed on the lower two floors in the University's new College of Pharmacy. It will contain animal Bio Safety Level 2 laboratories, lab animal holding rooms, cage washing facilities, and redundant emergency HVAC and electrical systems for secure care of the animals and research work.

Project Status: The Budget includes \$23.7 million in third-party funding, beginning with \$2.2 million in FY2020 for this project.

Biological Resources Renovation – Advanced Planning

This project provides advanced planning for a facility that meets current federal standards to allow URI to centralize and replace older facilities. It will contain animal Bio Safety Level 2 laboratories, lab animal holding rooms, cage washing facilities, and redundant emergency HVAC and electrical systems for secure care of the animals and research work.

Project Status: The Budget includes \$200,000 in University funds for advanced planning in FY2017 to perform a needs analysis and feasibility study for the renovation and consolidation of existing animal facilities.

Butterfield Dining Hall Expansion

This project involves renovations and additions to the Butterfield Hall Dining facility to accommodate an increase in student population from the new Hillside Residence Hall. The project renovates 10,000 square feet of the existing facility, and adds a 5,900 square foot addition, increasing seating by approximately 200 seats. The project also includes a 1,500 square foot second floor addition and 950 square feet of renovations to the Butterfield Hall common areas.

Project Status: This project was completed and the dining hall opened in September 2015.

College of Pharmacy Building

In November of 2006, voters approved a bond referendum of \$65.0 million to construct a new College of Pharmacy Building on the URI Campus. The 148,000 sq. ft. facility houses teaching laboratories, classrooms, research laboratories, faculty, staff and administrative offices, outreach programs, and the Rhode Island State Crime Lab. The project also includes a greenhouse conservatory, an animal care facility, a garden for medicinal plants, and parking and associated landscaping projects. The lowest level of the building includes a current Good Manufacturing Practice (cGMP) facility, financed with pledged gifts to the project, which will support the training of students, existing industry employees, a range of pharmaceuticals research and public private partnerships with the developing biopharmaceutical industry.

Project Status: The Budget includes \$888,945 in general obligation bond proceeds and \$172,497 in private/third party funds in FY2016 to complete this \$70.3 million project.

Combined Health and Counseling Center

This project combines and co-locates Health Services (currently located in the Potter Building) and the Counseling Center (currently located in Roosevelt Hall) into a single facility. The purpose of combining/co-locating of these facilities is to improve care provided to students by fostering open communication and availability of appropriate providers to meet the physical and psychological needs of the patient.

Project Status: The Budget includes \$17.5 million in RIHEBC bond funds, \$3.0 million in University/College funds, and \$500,000 in private funds, beginning in FY2019.

Edwards Hall Renovation

This project involves exterior window restoration, masonry re-pointing, and handicap access improvements to Edwards Hall, which was built in 1928 and is located on the southeast corner of the Historic Quadrangle. Interior improvements include ADA accessibility to the assembly facility and upstairs offices, replacement of seating, and restroom improvements. The project also includes the installation of new heating and air conditioning equipment.

Project Status: The Budget includes \$3.8 million in University/College funds, including \$375,967 in FY2018 and \$3.4 million in FY2019.

Electric Utility Substation Replacement

This project involves engineering and construction to replace 2 electric substations and associated switch gear. The substations will receive and distribute power underground versus the current overhead configuration making the new substations more reliable in extreme weather conditions. The new configuration will provide additional capacity, redundancy, and connectivity to existing infrastructure. The project will utilize adjacent real estate to allow construction with minimal interruption of service to the campus. The existing substations, which are well beyond their service life, supply power to the main academic/research area of the campus and a majority of the housing and residential life sector.

Project Status: The Budget provides \$4.2 million in RICAP funds for FY2016 to complete this \$7.0 million project.

Energy Conservation/Performance Contract – Phase II

The University entered into an energy performance contract with Noresco, an Energy Service Company (ESCO), to purchase energy saving improvements for buildings and infrastructure. Performance contracting is structured so that the cost of implementing the energy conservation measures is recovered from the cost avoidance achieved by the performance measures. The return on investment for the project is realized over a 12-15 year period. Phase II of this project includes continuation of lighting fixture replacements and motion sensor installations; window replacements; attic insulation and weatherization; heating, ventilation, and air conditioning improvements; the conversion of electrical heat to gas operation on the Narragansett

Bay Campus; and the installation of energy management control systems at various buildings across the University.

Project Status: Phase II construction began in FY2012. The Budget includes \$5.2 million in FY2017 and \$2.3 million in FY2018 in Certificates of Participation. There is no funding in FY2016.

Energy Conservation/Performance Contract Phase III (New)

The University entered into an energy performance contract with Noresco, an Energy Service Company (ESCO), to purchase energy saving improvements for buildings and infrastructure. Performance contracting is structured so that the cost of implementing the energy conservation measures is recovered from the cost avoidance achieved by the performance measures. The return on investment for the project is realized over a 12-15 year period. Phase III of this project includes comprehensive multi-campus interior LED dimmable lighting; fume hood upgrades at the Center for Biology and Life Science; replacement of HVAC components; installation of plug load controllers; electric sub-metering throughout the Kingston campus; heating system upgrades; and a continuation of building weatherization upgrades.

Project Status: The Budget includes \$7.0 million in FY2019 and \$4.6 million in FY2020 in Certificates of Participation (COPs) for this project. The COPs debt will be repaid from savings generated by the project.

Engineering Building Renovations

A \$125.0 million bond issue approved by the voters in the November 2014 election will allow the University to begin a comprehensive overhaul of physical space dedicated to engineering programs at URI. Four buildings will be razed (Crawford Hall, Gilbreth Hall, Kelly Hall and Annex, and Wales Hall). The project also includes renovation to the Kirk Building, site work modification to the Engineering Quadrangle, and construction of a new facility adjacent to the remaining engineering buildings (Bliss Hall and Kirk Hall).

Project Status: The Budget includes \$125.0 million in general obligation bond funds, beginning with \$7.5 million in FY2016 and \$25.0 million in FY2017.

Engineering Building Renovations Phase 2

Originally, the Board of Education requested a general obligation bond referendum of \$144.5 million for a comprehensive overhaul of the Engineering program space for the 2014 ballot; however, the project was split into two phases with the second phase to be included on the November 2016 ballot. Phase 2 includes renovation and an addition to Bliss Hall, including improved classrooms and offices, modernized teaching laboratories, upgraded elevators and restrooms, and general renovations consistent with current building codes. Heating, air conditioning, and ventilation systems will be replaced for better environmental control, energy efficiency, and indoor air quality.

Project Status: The Budget includes a recommendation that a \$25.5 million general obligation bond referendum be placed on the November 2016 ballot, with the first appropriation projected in FY2018.

Facilities Services Sector Upgrade

This project reorganizes and renovates the facilities that house the URI Services Sector (Facilities Services, Capital Projects, Central Receiving, Postal Services, Lands and Grounds, a vehicle service station, materials storage, and other business services offices), located adjacent to the Northwest Entrance of URI. The project is intended to improve both the function of the facilities services and the aesthetics of the Northwest entrance, which is the entrance used for events and athletics.

Project Status: The Budget includes \$1.1 million in RIHEBC bond funds beginning in FY2021 for this project. An additional \$10.7 million is scheduled beyond FY2021.

Fine Arts Center Renovation – Advanced Planning

The University proposes to complete planning and architectural/engineering studies of Fine Arts Center improvements. The 120,720 square foot building, which was constructed in the 1970s, houses the University's programs in musical, theatrical, visual, and graphic arts. It suffers from problems related to flat roofs and large, inefficient glass walls and windows.

Project Status: An architectural firm has completed a schematic design for renovations and an addition to the facility at a cost of \$325,275 in University/College funds and \$400,000 in RICAP funds.

Fine Arts Center Renovation and Addition

The University is requesting a general obligation bond issue be placed on the November 2016 ballot for the renovation of the Fine Arts Center and the surrounding parking and circulation. Funds will be used to renovate and construct an addition to the current facility to meet current and future teaching, performance, research, and outreach requirements.

Project Status: The Budget does not include a general obligation bond referendum for placement on the November 2018 ballot; however, the project is included in the schedule with bond proceeds totaling \$70.2 million beginning in FY2020.

Fire Safety and Protection Academic and Administrative Buildings

This project involves the installation of fire-suppressing sprinkler systems, the upgrade/replacement of existing fire alarm systems, and life safety improvements in academic and administrative buildings in order to comply with changes in the State Fire Code.

Project Status: The Budget includes RICAP funds of \$5.5 million in FY2016 to complete this \$25.8 million project, which received \$12.5 million in federal American Recovery and Reinvestment Act (ARRA) funds prior to FY2015.

Fire Safety and Protection Auxiliary Enterprises

This project involves the installation of sprinkler systems and upgrades to existing fire alarm systems in all of the University's auxiliary buildings. Auxiliary facilities include dining halls, retail facilities, and other non-residential, non-academic buildings. These improvements are being made to bring the buildings into compliance with changes to the State Fire Code.

Project Status: The Budget includes \$18.2 million in RIHEBC bond funds, including \$2.0 million in FY2016, \$5.9 million in FY2017, and \$2.0 million in FY2018 to complete this project.

Fraternity Circle Infrastructure

This project consists of upgrades and improvements to roads, utilities and landscaping in and around the Fraternity Circle neighborhood on the URI campus. This site is currently home to 11 Greek fraternities and sororities, providing housing to approximately 800 students. Utilities would be upgraded to provide for safety and future growth. An effective and sustainable method for storm water management is proposed; and roadways, parking lots, pedestrian walkways, and new site lighting and recreational amenities will be added and improved.

Project Status: The Budget includes \$5.1 million in RIHEBC bond funds, with funding beginning with an appropriation of \$415,962 in FY2016 to engage an architectural/engineering firm to develop plans for the project. Construction costs of \$3.7 million in FY2017 and \$963,750 in FY2018 will complete this project.

Fraternity Circle Master Plan Implementation

This project upgrades and improves roads, utilities and landscaping in and around the Fraternity Circle neighborhood on the URI campus.

Project Status: The Budget includes \$2.9 million in private funds, beginning in FY2018 for this project.

Gateway to URI/Welcome Center

A new 12,500 square foot building, located on Upper College Road at the location of the current Visitors Center, would be the home of a new Welcome Center called the “Gateway to URI.” The building would contain a large presentation room and smaller classroom-like spaces to display the latest technology employed in URI’s teaching environments. The building will also contain small meetings rooms and staff offices to meet with visiting groups, students, families, and faculty.

Project Status: The Budget includes \$7.3 million in University/College funds, including \$614,196 in FY2016, \$4.6 million in FY2017, and \$2.1 million in FY2018 to complete this project.

Historic Quadrangle Buildings Renovations

Six historically significant buildings built between 1895 and 1936 and located around the Kingston Campus quadrangle would be restored and rehabilitated, including Davis (1895), East (1909), Ranger (1913), Washburn (1921), Quinn (1936), and Eleanor Roosevelt Hall (1936). Renovations include new roofs; new windows; and heating, ventilation, and air-conditioning system improvements. Several of the buildings need upgrade of elevators and restrooms to meet accessibility codes and general renovations to meet current building code.

Project Status: The Budget does not include a \$105.4 million general obligation bond referendum for placement on the November 2018 ballot; however, the project is included in the schedule with bond proceeds beginning in FY2021.

Hope Commons Expansion (New)

This project will expand the dining room capacity of the Hope Commons and update cashier/greeting stations which will provide late night, off hours, on campus dining opportunities and a safe place for students to gather on campus during late hours. It will also allow Hope Commons to offer alternatives to the traditional meal plans.

Project Status: The Budget includes \$2.0 million in University/College funds, including \$222,154 in FY2017 and \$1.8 million in FY2018 for this project.

Morrill Hall Renovation

This project renovates Morrill Hall, a 32,036 square foot, four-story biological sciences laboratory building. Morrill Hall was built in 1965 and requires significant upgrades for accessibility, technology, and fire code. Once renovated, the building will be used for undergraduate science classes, faculty offices and research, and as swing space to facilitate campus renovation and new construction projects.

Project Status: The Budget includes \$6.3 million in University/College funds and \$6.3 million in private funding beginning in FY2020 for this project.

NBC Campus Building Renovation – Advanced Planning

The University proposes to conduct program planning and architectural/engineering studies of the buildings at the Graduate School of Oceanography, located on the University’s Bay Campus in Narragansett. The study will identify critical needs and establish a scope of work for future renovation projects.

Project Status: The Budget includes \$390,000 in University/College funds in FY2016 for this study.

NBC Hazmat Storage

The University will construct a new hazardous materials storage facility on the Narragansett Bay Campus. The facility includes three pre-fabricated and engineered storage buildings with a covered concrete staging

area. These buildings replace three deteriorating structures that do not provide climate controlled conditions or the appropriate and safe chemical storage needs of the Bay Campus.

Project Status: The Budget includes \$700,000 in University/College funds in FY2017 for this project.

New Chemistry Building

In November of 2010, voters approved a bond referendum of \$61.0 million to construct a new building to house the Department of Chemistry, including teaching labs, classrooms, research labs, and faculty and administrative offices. The building will improve education for chemistry majors as well as students in other majors that require chemistry training, such as pharmacy, biological sciences, animal science technology, biomedical engineering, nutrition, and chemical engineering. The modern, high-quality facility will assist the University in attracting and retaining top researchers. This building is located in the life sciences district, which also includes a new Center for Biotechnology and Life Sciences and a new College of Pharmacy Building. The project also includes site improvements for landscaping, pedestrian walkways, driveways, parking, and utilities.

Project Status: The Budget includes \$77.1 million in total funding for this project, including \$61.0 million in general obligation bond proceeds, \$8.8 million in RICAP funds, \$3.1 million in University/College funds, \$3.9 million in private funding, and \$230,836 in third-party financing. The Budget provides \$17.9 million in FY2016, and \$1.9 million in FY2017 to complete this project.

North District Infrastructure and Program Support

This project includes infrastructure and program support for construction projects in URI's North District. Included in the infrastructure work are utility connections and equipment; drainage systems; walkways and parking areas; landscaping; and demolition work. Program support includes telephone/data; security systems; laboratory equipment; and furniture and fixtures. North District includes the Center for Biotechnology, the new Pharmacy Building, the new Chemistry Building, and the existing White Hall nursing facility.

Project Status: The Budget includes \$902,178 in FY2016, which is the balance of \$10.3 million in RIHEBC bond funds issued in 2009 for this project.

Nursing Education Center

The FY2015 Budget as Enacted authorized the Board of Education and the Department of Administration to enter into a multi-year lease with the developer (Commonwealth Ventures of Boston, Massachusetts) of the South Street Landing property (also referred to as the South Street Power Station or Dynamo House) in Providence for use as a Nursing Education Center by the University of Rhode Island (URI), Rhode Island College (RIC), and Brown University.

The Budget authorized the issuance of \$10.5 million in Certificates of Participation over a ten-year period to support the acquisition of equipment needed to outfit the planned simulation labs.

Project Status: The Budget includes \$1.3 million in RICAP funds through FY2017 for legal and independent project management services, and professional oversight, and \$10.5 million in Certificates of Participation in FY2017 for the acquisition of equipment.

Ocean Engineering

This is Phase 3 of a comprehensive overhaul of physical space dedicated to the Engineering programs at URI. This phase includes the replacement of the Sheets Building serving the Ocean Engineering Program on the Narragansett Bay Campus. The Sheets Building is a prefabricated metal building that is beyond its useful life for this program and will be used as a dry storage area for the maintenance operation of the Narragansett Bay Campus.

Project Status: The Budget does not include a general obligation bond referendum for placement on the November 2018 ballot; however, the project is included in the schedule with bond proceeds totaling \$18.0 million beginning in FY2020.

Public Safety Building

The University proposes to construct a new public safety building to house the campus police, parking, and safety compliances offices of the University. The current Public Safety facilities are located in three separate buildings, two of which are converted residential houses. The project will allow for the consolidation of the Public Safety functions in a single location.

Project Status: The Budget includes \$649,370 in University/College funds for this project in FY2021, with an additional \$6.0 million beyond FY2021.

Ranger Hall Renovations

This project rehabilitates and restores portions of Ranger Hall, a 36,000 square foot, four-story granite block laboratory constructed in 1913. The project includes roof and window replacements, exterior renovations, and masonry work. Planned interior renovations include universal ADA access and electrical and HVAC systems. When completed, Ranger Hall will house the University's new Harrington School of Communication and Media.

Project Status: The Budget includes \$2.1 million in general obligation bond funds along with \$1.3 million in private funds in FY2016 to complete this \$5.4 million project.

Repaving and Road Construction

This project replaces and reconstructs major parking facilities, internal roadways, and walkways across three of the four URI campuses. Major elements include the construction of two new roadway extensions: one will extend from the northwestern bend in Plains Road to the western end of Flat Road; the second is an extension of Baird Hill Road and connection to Fraternity Circle. The current entrance to Fraternity Circle from Rt. 138 will be removed. In addition, new culverts will be installed at four roads crossings of Whitehorn Brook to improve the drainage of storm water from the Kingston Campus.

Project Status: RIHEBC revenue bonds for \$13.7 million were issued in June 2009, and work is currently in progress. The Budget includes \$3.1 million in RIHEBC bond funds in both FY2016 and FY2017, along with \$28,855 in University/College funds to complete this project. The total project cost, including RIHEBC bond proceeds and University/College funds totals \$14.4 million.

Repaving, Hardscape & Landscape

This project continues the University's work to repave and reconstruct major parking facilities, internal roadways, and walkways across the Kingston Campus, Narragansett Bay Campus, and the W. Alton Jones Campus.

Project Status: The Budget includes \$10.0 million in RIHEBC bond funds from FY2018 through FY2020 for this project.

Roger Williams Complex - Advanced Planning

The University will conduct a comprehensive study for improving and/or replacing deteriorating portions of the its student housing stock. The University will engage professional consultation services, including an architectural/engineering firm and a firm to evaluate and develop alternate construction delivery methods for University housing facilities. URI plans schematic design and cost estimating in FY2015 and advance design through construction documents in FY2017.

Project Status: The Budget includes \$3.7 million in University/College funds in FY2016, and \$1.9 million in University/College funds in FY2017 for this \$5.8 million project.

Shepard Building Upgrades

This project renovates the Shepard Building in Providence, which is home to the University's College of Continuing Education. Proposed renovations include improve the building's envelope, roof replacement, receiving floor and door replacement, renovations to the Westminster Street entrance, and replacement of all restroom floors.

Project Status: The Budget includes RICAP funds of \$4.8 million for this project beginning in FY2018.

Storm Water Management

This project provides storm water improvements to the existing drainage systems to prevent erosion and flooding to the downstream landscapes and buildings. Improvements provide additional storage volume and improve channel/pipe sizes and alignments to reduce the frequency of overtopping/flooding.

Project Status: The Budget includes \$3.8 million in University/College funds for this project beginning in FY2021.

Upper College Road Multi-Use Development

The capital plan includes funding for a feasibility study for a proposed public private partnership to develop a multi-use development on Upper College Road. The project would be privately-owned and managed on leased University property. The project will include facilities for a 100-bed hotel, 100 beds in apartments-style units, a restaurant/University Club, conference facilities, and commercial retail space.

Project Status: The Budget includes \$500,000 in University/College funds through FY2016 to conduct this feasibility study.

URI Biotechnology Center

This \$60.3 million project involves the construction of a 140,000 square foot building at URI, including teaching and research facilities, and the demolition of an existing structure. \$49.7 million in general obligation bond funds, as well as \$5.4 million in RICAP funds, \$2.4 million in federal funds, \$1.9 million in Slater Economic Development Funds, and \$189,405 in Certificates of Participation have been expended pre-FY2011 for this project. The CBLIS is already in use as a classroom and meeting space: completion of the fourth floor to expand office and laboratory facilities was completed in the fall of 2012.

Project Status: The Budget includes \$181,100 in RICAP funds in FY2016 for minor improvements and repairs to the Biotechnology Center.

Utility Infrastructure Upgrade – Phase I

This is the first of two phases of work on the University's utility systems. This project includes the engineering and construction of utility upgrades and replacements of the five Kingston Campus utility systems, including: steam/condensate distribution, water distribution, electrical distribution, sanitary sewer, and storm water management.

Project Status: Phase I of this project is scheduled to begin in FY2017. The Budget includes \$6.5 million in RIHEBC bond funds as follows: \$1.7 million in FY2017 and \$4.8 million in FY2018.

Utility Infrastructure Upgrade Phase II

This project upgrades and replaces five Kingston Campus Utility systems: steam/condensate distribution, water distribution, electrical distribution, sanitary sewer, and storm drainage.

Phase II of this two-phase project will complete the primary electric system master plan, reconfigure and replace extensive portions of the steam/condensate system, advance compliance with storm water management objectives, and address critical needs for the water system and sanitary systems.

Project Status: The Budget includes \$18.4 million in RIHEBC bond funds, beginning in FY2019 for this project.

White Hall Renovations

White Hall, the current home of the College of Nursing, is a 49,074 square foot, three-story masonry building constructed in 1977. This project will provide upgrades and renovations, including HVAC system improvements, entry and lobby improvements, and improvements to the building envelope, including foundation water proofing and drainage system improvements.

Project Status: The Budget includes \$3.0 million for this project, including RICAP funds of \$534,394 in FY2016 and university/college funds of \$1.5 million in FY2017. The balance of \$915,606 was spent prior to FY2016.

Solar Photovoltaic Array Project

The University, along with the Towns of South Kingstown and Narragansett, has identified a combination of properties which would be leased to a private developer for the purchase, installation and maintenance of photo-voltaic panel arrays. The resulting renewable electrical energy power would be sold to the University for its consumption, reducing the University's electrical energy costs.

Analyst Note: This project was proposed and accepted at a Council meeting but does not show up in the formal budget presentation and is not counted in the summary above. The details of the project are being explored and the University has hired a consultant. The project does not involve any capital outlays by the University, since they developer would construct the array; instead, the impact will likely appear as a utility purchase within the operating budget.

RHODE ISLAND COLLEGE (RIC)

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Academic Bldg Phase I-Craig Lee, Gaige, Adams Lib.	\$1.5	\$5.2	\$16.5	\$21.6	\$12.0	-	-	\$56.8
Academic Bldg Phase II-Horace Mann, Adams Lib.	-	-	-	-	-	4.0	36.0	40.0
Alex & Ani Hall Renovation	20.8	1.3	-	-	-	-	-	22.1
Energy Performance Contract (ESCO)	-	3.0	4.5	-	-	-	-	7.5
Faculty Center Renovations	-	0.1	-	-	-	-	-	0.1
Fogarty Life Sciences Building Renovation/Addition	1.0	2.0	2.3	-	-	-	-	5.3
New Residence Hall II	0.0	0.1	20.0	20.0	10.0	-	-	50.1
Residence Halls Modernization/Renovation	0.1	0.0	-	-	6.0	9.0	9.0	24.1
RICAP Asset Protection	17.8	5.3	5.4	3.5	3.6	3.7	4.2	43.2
RICAP Infrastructure Modernization	6.9	3.1	3.0	4.5	4.5	3.6	3.5	29.1
Total	\$48.1	\$20.0	\$51.7	\$49.6	\$36.1	\$20.3	\$52.7	\$278.3

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Certificates of Participation	-	\$3.0	\$4.5	-	-	-	-	\$7.5
G.O. New Referenda	-	-	-	-	-	4.0	36.0	40.0
P.L. 2010 Ch. 23 - Issued	16.8	0.2	-	-	-	-	-	17.0
P.L. 2012 Ch. 241 Issued	2.6	7.1	2.3	-	-	-	-	12.0
P.L. 2012 Ch. 241 Unissued	-	-	16.5	15.5	6.0	-	-	38.0
RI Capital Plan Fund	26.4	8.4	8.4	14.1	14.1	7.3	7.7	86.2
RIHEBC Bonds	-	-	-	-	6.0	9.0	9.0	24.0
Third Party Financing	-	-	20.0	20.0	10.0	-	-	50.0
University/College Funds	2.3	1.2	-	-	-	-	-	3.5
Total	\$48.1	\$20.0	\$51.7	\$49.6	\$36.1	\$20.3	\$52.7	\$278.3

\$ in millions. Totals may vary due to rounding.

Academic Buildings I – Craig Lee, Gaige, Adams Lib.

This project will modernize and rehabilitate two major academic buildings, Craig Lee Hall and Gaige Hall, beginning in FY2015. These two buildings contain 46 classrooms, which represents over fifty percent of the classroom space on campus. These facilities will be designed with modern double pane window walls; new elevators; new restrooms; improved classrooms, corridors, and staff offices; removal of asbestos tiles; exterior power washing; and sealing of bricks and slate walls. All improvements will increase energy efficiency, the use of natural light, and the adaptability of the classrooms. The project will also include repurposing and renovating areas of Adams Library to accommodate student service organizations and academic departments that will be moving out of Craig Lee Hall and Gaige Hall prior to renovating these buildings.

Project Status: The voters approved a \$50.0 million bond issue in November 2012, which provides \$44.7 million toward this \$56.8 million project. The Budget includes proceeds of \$5.2 million in FY2016, \$16.5 million in FY2017, and \$15.5 million in FY2018. RICAP funds of \$6.1 million in FY2018 and \$6.0 million in FY2019 are also included in the Budget recommendation to backfill funding used early in the project to renovate the Adams Library, which was not part of the original proposal.

Academic Buildings II – Horace Mann, Adams Lib.

This is the second phase of a four-phase modernization project and includes upgrades to two buildings, Adams Library and Horace Mann Hall. The project includes upgrades and modernization of elevators and restrooms; the enhancement of classrooms, corridors, and staff offices (lights, ceiling tiles, wall and floor surfaces); removal of asbestos tiles; exterior building envelope upgrades; and the repurposing of some space. The existing facilities are not energy efficient or able to support modern classroom technology.

Project Status: The Budget does not include a general obligation bond referendum for placement on the November 2018 ballot; however, the project is included in the schedule with bond proceeds totaling \$80.0 million beginning in FY2020.

Alex & Ani Hall Renovation

This project involves the renovation of the existing 34,000 square foot Art Building and a new 6,000 square foot wrap around addition. The new Art Center (Alex & Ani Hall) includes faculty offices; classrooms; studios for print making, metals, ceramics, photography and sculpture; workshop areas; slide library; photography lab; computer lab; and multipurpose presentation areas. The new facility will centralize the Art Program activities, which are currently scattered around campus. A feasibility study was conducted by RGB design firm in April of 2004. A \$17.0 million bond question was approved by the voters in November 2010. Construction began in the spring of 2012 on the interior of the facility, and the grand opening and ribbon cutting of the new Alex and Ani Hall Art Center was held on September 23, 2014.

Project Status: The Budget includes \$1.1 million in University/College funds and \$212,560 in General Obligation bond funds in FY2016 to complete this \$22.1 million project.

Energy Performance Contract (ESCO)

The College has entered into an energy performance contract with Ameresco, an energy service company (ESCO), to conduct a technical energy audit of RIC facilities and implement an energy performance contract. Energy saving improvements to buildings and infrastructure will be implemented across the campus. Performance contracting is structured so that the cost of implementing the energy conservation measures is recovered from the cost avoidance achieved by the performance measures.

Project Status: The energy service contract was signed in FY2014 and an investment grade energy audit was completed in March 2015. Energy efficiency improvements are scheduled to begin later in FY2016. RIC has obtained a third-party consultant to verify the energy savings proposed by Ameresco, as has been done in other state, energy performance contracts. The Budget includes \$7.5 million in Certificates of Participation, including \$3.0 million in FY2016 and \$4.5 million in FY2017.

Faculty Center Renovation

A feasibility study is being conducted to determine options and costs to maximize the facility's usefulness. Located on the bottom floor of the Donovan Dining Center, this facility was built in the 1970's, and has had minor renovations since that time. This building will be renovated and expanded at the request of student leaders to meet projected enrollment and demographic needs. Recommended by the Student Union Feasibility Study, this project was scheduled for FY2013 in the Enacted Capital Improvement Plan; however due to the anticipated renovations to Craig Lee Hall and Gaige Hall, the College postponed this project to minimize campus disruptions.

Project Status: The Budget includes \$50,000 in University/College funds to conduct a feasibility study in FY2016.

Fogarty Life Sciences Building Renovation/Addition

This project includes an addition to and renovations of the Fogarty Life Sciences Building to support the expanding life sciences program. The goal of the project is to provide adequate and up-to-date classrooms, laboratories, and faculty offices. Approximately 12,000 square feet of space will be added to house nursing skills labs, a health assessment lab, simulation labs and de-briefing rooms, standardized patient exam rooms, and skill and simulation lab support. The renovation work includes improvements to the building envelope, interior spaces, handicapped accessibility, and upgrades to the HVAC and electrical systems. The voters approved a \$50.0 million bond issue in November 2012, of which \$5.3 million is earmarked for this project.

Project Status: The College engaged an architect in late 2013 and completed a schematic design in the spring of 2014. The Budget includes \$5.3 million in general obligation bond funds distributed as follows: \$1.0 million in FY2015, \$2.0 million in FY2016, and \$2.3 million in FY2017 to complete this project.

New Residence Halls II

This project involves the construction of a new residence hall. A plan to demolish Willard Hall and the proposed renovation of the other four residence halls will result in a total bed count loss of 250. A recently completed feasibility study conducted for the College recommended that the current bed count be maintained or expanded.

Project Status: The Budget includes \$50.0 million in third-party financing and \$98,000 in University/College funds to begin renovations in FY2017.

Modernization/Renovation – Residence Halls

The College currently has five residential facilities ranging in age from 20-50 years old. All interior systems are in need of replacement and upgrade as each facility has had only limited renovations since opening. The buildings have failing heating and air conditioning units, electrical and plumbing issues, technological challenges, and a lack of contemporary student use in common areas. Three of the five need handicap accessibility upgrades. (A sixth residential hall built in 2007 is not included in this project).

Project Status: The Budget includes \$32.5 million in RIHEBC bond proceeds beginning in FY2019.

RICAP Asset Protection

Asset Protection projects are budgeted from Rhode Island Capital Plan (RICAP) funds and are used to maintain and repair facilities, including roads, buildings, and infrastructure. Most college properties are between 40 and 50 years old and need continual repairs and maintenance. The asset protection program includes a number of projects at various facilities, and allows the school to shift funding based on current priorities. The College's project list includes an electrical upgrade project in the Adams Library and an HVAC replacement project in Roberts Hall and Fogarty Hall. The budget includes a feasibility study for the property use of the Fruit Hill section of the campus and a facilities condition assessment study.

Project Status: The Budget includes RICAP Funding of \$5.3 million in FY2016 and \$5.4 million in FY2017 for asset protection.

RICAP Infrastructure Modernization

This project will use RICAP funds to renovate Parking Lot B and to modernize and replace steam lines, water lines, and the electrical distribution system in order to improve water quality, limit power failures, and eliminate steam plumes throughout the campus. The project also includes upgrades to voice and data systems.

Project Status: The Budget includes \$3.1 million in RICAP funds in FY2016 and \$3.0 million in FY2017 for asset protection.

COMMUNITY COLLEGE OF RHODE ISLAND (CCRI)

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Asset Protection - CCRI	\$12.9	\$2.2	\$3.0	\$2.8	\$2.4	\$2.4	\$2.5	\$28.2
CCRI Accessibility Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
CCRI Knight Campus Substation Upgrade	0.0	0.7	0.1	-	-	-	-	0.8
CCRI Westerly Campus	-	-	2.0	-	-	-	-	2.0
Flanagan Campus Renewal	-	-	0.0	2.1	2.0	2.0	2.0	8.1
Knight Campus Biology and Chemistry Lab Renovation	0.1	0.3	0.5	0.5	-	-	-	1.4
Knight Campus Renewal	1.9	2.7	5.2	5.3	4.3	3.9	-	23.2
Total	\$14.9	\$5.9	\$10.8	\$10.7	\$8.7	\$8.3	\$4.5	\$63.9

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Other Funds	\$0.0	\$0.4	\$1.2	\$0.3	\$0.3	\$0.9	\$0.0	\$3.0
RI Capital Plan Fund	14.8	4.4	9.0	9.8	8.4	7.4	4.5	58.3
University/College Funds	0.1	1.1	0.6	0.6	0.0	0.0	0.0	2.6
Total	\$14.9	\$5.9	\$10.8	\$10.7	\$8.7	\$8.3	\$4.5	\$63.9

\$ in millions. Totals may vary due to rounding.

Asset Protection - CCRI

Asset Protection projects are budgeted from Rhode Island Capital Plan (RICAP) funds and are used to maintain and repair facilities, including roads, buildings, and infrastructure. The asset protection program includes a number of projects at various facilities and allows the school to shift funding based on current priorities. The College's project list includes repairs to the Knight Campus concrete ramps, including a new railing system, Field House storefront replacement, Simulation (SIM) labs at the Flanagan Campus, and roof replacement at the Liston Campus.

Project Status: The Budget provides \$15.3 million in RICAP asset protection funding for CCRI from FY2016 to FY2021, including \$2.2 million in FY2016 and \$3.0 million in FY2017.

CCRI Accessibility Improvements

Areas on the Flanagan, Liston, and Newport Campuses will be upgraded to address accessibility guidelines. Upgrades will include toilet room accessibility, classroom accessibility, communication systems, accessible parking, compliant van spaces and elevator accessibility.

Project Status: The Budget provides \$260,608 in University/College Funds for this project, including \$40,000 in FY2016 and FY2017.

CCRI Knight Campus Substation Upgrade

The existing substation is more than 44 years old and requires a complete replacement of the existing high voltage switch-gear at the main service entrance to the Knight Campus. The project also includes the replacement of the existing electrical conduit from the substation to an existing manhole in the play yard, bringing the unit up to code, battery backup, rebuilding two existing switches, and rebuilding an asphalt road to the substation.

Project Status: The Budget provides \$807,707 in University/College funds for this project, including \$710,000 in FY2016 and \$85,000 in FY2017.

CCRI Westerly Campus (New)

The Council on Postsecondary Education and CCRI will enter into a memorandum of understanding with parties associated with a new educational facility being built in Westerly. This facility will provide classroom and laboratory space for existing students in the area, as well as space for collaborative programs with local industries.

Project Status: The Budget provides RICAP funds of \$2.0 million in FY2017 as the State's contribution to this public-private partnership.

Flanagan Campus Renewal

In FY2016 and FY2017, CCRI will establish an internal committee to review the needs of the Flanagan Campus. A Campus Master Plan completed in 2013 found the need for 10 more classrooms at the Flanagan campus, based on enrollment data. The institution will focus significant resources on providing state of the art classrooms and science laboratories to improve and expand opportunities for students seeking careers in the medical and related fields. Faculty offices will also be included, as well as field house updates and renovations to existing microbiology labs, physics, biology, and chemistry labs.

Project Status: The project will utilize University/College funds of \$25,000 in FY2017 and \$75,000 in FY2018 for this project to hire an architect to provide a strategic review plan which will include phased projects with construction budgets. The Budget includes RICAP funding of \$2.0 million annually in FY2018 through FY2022 for this multi-year, phased project.

Knight Campus Biology and Chemistry Lab Renovation

The Knight Campus biology and chemistry laboratories have not been updated since the building was built in the 1970s. This project will upgrade labs, including painting; remediation of asbestos flooring; updating fume hoods and bench top utilities; and updating emergency eye wash units.

Project Status: The Budget includes \$1.4 million in University/College funds for this project, including \$300,000 in FY2016 and \$450,000 in FY2017.

Knight Campus Renewal

The Knight Campus Megastructure, which was completed in 1972, will be comprehensively renovated, including painting, door replacements, and interior and exterior upgrades. Plans include elevator upgrades, hi-tech AV upgrades, the relocation of several offices, modifications to the cafeteria, student dining commons, student lounge, and bookstore, as well as roadway and landscape improvements to the main entrance road and facility entrance.

Project Status: A feasibility study was completed in FY2014, and a Phase I architectural design was completed in FY2015. The Budget includes \$18.2 million in RICAP funds, \$3.0 million in other funds, and \$92,868 in University/College funds for this project between FY2016 and FY2020, including \$4.0 million in RICAP funds, \$1.2 million in other funds, and \$10,000 in University/College funds in FY2017.

Rhode Island State Council on the Arts

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Creative & Cultural Arts Program	-	\$15.5	\$8.0	\$5.0	\$1.5	-	-	\$30.0
Total	-	\$15.5	\$8.0	\$5.0	\$1.5	-	-	\$30.0

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
P.L. 2014 Ch. 145 - Unissued	-	\$15.5	\$8.0	\$5.0	\$1.5	-	-	\$30.0
Total	-	\$15.5	\$8.0	\$5.0	\$1.5	-	-	\$30.0

\$ in millions. Totals may vary due to rounding.

Cultural Arts and the Economy

In November 2014, voters approved a \$30.0 million bond issue to establish the Cultural Arts and the Economy Grant Program. Rhode Island State Council on the Arts (RISCA), in consultation with Commerce Corporation of Rhode Island, administers this new program.

Similar to the State Preservation Grants Program administered by the Historic Preservation and Heritage Commission, this program offers matching grants to public and non-profit historic sites, museums, artistic organizations, performance centers, and cultural art centers for capital preservation and renovation projects.

The Program provides \$23.1 million in 1:1 matching grants to the following non-profit arts organizations for facility improvement, preservation and renovation. The remaining \$6.9 million will be a pool of 1:1 matching funds awarded by RISCA to other non-profit cultural organizations for capital improvements to both owned and leased facilities.

Cultural Arts and the Economy	Location	Project	Grant
Trinity Repertory Company	Providence	Renovate Lederer Theater and Pell Chafee Center	\$4.6
Rhode Island Philharmonic/Music School	E. Providence	Complete Carter Center	2.4
Newport Performing Arts Center	Newport	Restore Newport Opera House	4.2
WaterFire Providence	Providence	Develop Warehouse into Multi-use Arts Center	3.2
Westerly Land Trust/United Theater	Westerly	Restore United Theater	2.4
Stadium Theater	Woonsocket	Restore Stadium Realty Building	2.1
AS220	Providence	Improve Empire St., Performing Arts/Gallery Buildings	2.1
Chorus of Westerly	Westerly	Renovate Kent Hall	1.1
2nd Story Theater	Warren	Renovate Market and Liberty Street Buildings	1.1
Total Projects			\$23.1
Pool fund			6.9
Total			\$30.0

\$ in millions

Project Status: RISCA has entered into an agreement with Rhode Island College and University Based Research Collaborative to develop a set of metrics designed to measure the State's return on investment and the contributions of this program to the economy of the State. The Budget includes \$15.5 million in bond proceeds in FY2016 and \$8.0 million in FY2017. The first round of recipients was announced in January 2016. Additional applications for the remaining pool of funds will be reviewed in October 2016 and again in 2017. Awards from this fund will be announced in the January following the application deadline. The table on the following page shows the grants awarded in the first round.

Organization	Town	Award Amount
Barrington Public Library	Barrington	\$10,000
Blackstone River Theatre	Cumberland	97,000
The Greenwich Odeum	East Greenwich	250,000
East Providence Historical Society Educational Center	East Providence	28,000
R.I. Philharmonic Orchestra & Music School	East Providence	250,000
Jamestown Arts Center	Jamestown	58,000
Dirt Palace	Providence	23,500
Educational Center for the Arts & Sciences	Providence	3,000
Everett	Providence	50,000
Governor Henry Lippitt House Museum	Providence	56,000
HeadsUp, Inc. for Mathewson St. Black Box Theatre	Providence	50,000
Museum of Art, Rhode Island School of Design	Providence	250,000
New Urban Arts	Providence	250,000
ONE Neighborhood Builders for Paragon Performance Space	Providence	250,000
Providence Performing Arts Center	Providence	50,000
Southside Cultural Center	Providence	300,000
The Music Mansion	Providence	50,000
The Players	Providence	100,000
The Steel Yard	Providence	92,650
The Wilbury Theatre Group	Providence	25,000
The Contemporary Theater Company	South Kingstown	100,000
Granite Theatre	Westerly	33,269
Total		\$2,376,419

Atomic Energy Commission

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Atomic Energy Asset Protection	\$0.4	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.7
Total	\$0.4	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.7

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
RI Capital Plan Fund	\$0.4	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.7
Total	\$0.4	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.7

\$ in millions. Totals may vary due to rounding.

Atomic Energy Asset Protection

The Rhode Island Atomic Energy Commission operates and maintains the Rhode Island Nuclear Science Center (RINSC), which is used for medical, biological, environmental, and materials research, education and commercial activities. The Commission also provides assistance to other state agencies in their radiation and emergency response programs.

The Rhode Island Atomic Energy Commission is required to provide assurances to the NRC that it has adequate resources to operate the facility safely during the renewal period. Should the Commission not receive funding sufficient to safely operate the facility, the reactor would have to be decommissioned at a projected cost to the State of \$30.0 million. Furthermore, the Commission is unsure whether a complete decommission is even possible at this time since some of its waste is “mixed waste” for which there is currently no place for disposal.

Asset protection funds are used by the Commission to perform small renovations and repairs. Recent projects have included painting, landscaping and paving.

Project Status: The Budget includes \$50,000 annually for FY2016 through FY2021 in RICAP funds, consistent with the enacted capital plan. Plans for FY2016 include a redesign of the facility’s waste water system and installation of a single consistent key card master key system to replace the approximately six different key types that are currently in use.

The Commission is currently seeking a 20-year renewal of its license from the Nuclear Regulatory Commission (NRC). During this renewal period, the Commission is operating under its existing license while the NRC has been conducting twice-annual inspections that have found no significant problems with the reactor. The Commission believes the renewed license will be issued in 2016, in which case it will be effective until 2036.

Historical Preservation and Heritage Commission

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Eisenhower House	\$2.3	\$0.1	-	-	-	-	-	\$2.4
Historic Preservation Grants	-	1.0	1.0	1.0	1.0	1.0	-	5.0
Total	\$2.3	\$1.1	\$1.0	\$1.0	\$1.0	\$1.0	-	\$7.4

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
General Obligation Bond Issuance	-	\$1.0	\$1.0	\$1.0	\$1.0	\$1.0	-	\$5.0
RI Capital Plan Fund	2.3	0.1	-	-	-	-	-	2.4
Total	\$2.3	\$1.1	\$1.0	\$1.0	\$1.0	\$1.0	-	\$7.4

\$ in millions. Totals may vary due to rounding.

Eisenhower House

The Eisenhower House, built in 1873 as the official residence of the U.S. Navy Commandant of the Newport Naval Base and later used as the summer residence of President Dwight D. Eisenhower, is located in Fort Adams State Park, Newport. The facility is operated by the State and rented out as an events facility. Revenue from corporate and social events is deposited into the State general fund. The Commission indicated that the revenue potential of the Eisenhower House has been constrained by the facility's disrepair and increasingly worn interior spaces. Because of the House's oceanfront location, the front porch and stairs require frequent replacement. In previous years, RICAP funds have been used to repair gutters, downspouts, soffits and structural framing as well as to reglaze porch windows and the front door.

Project Status: Renovations are largely completed and the FY2016 Budget includes \$120,000 for final payments to contractors. The facility closed for renovations in early 2014 and reopened for weddings, corporate outings, and rehearsal dinners on June 13, 2015. Cost of the renovations totaled \$2.4 million.

Historic Preservation Grant Program

This program provides matching funds to renovate and improve public and nonprofit historic sites, museums, and cultural art centers located in historic structures. Since 2002, two bond issuances, one in 2002 and one in 2006, have provided a total of \$6.0 million in funding for 108 projects. Past projects have included the Newport Art Museum, Southeast Lighthouse on Block Island, and the Dr. Reuben Mason House in Chepachet. The Commission granted the last of these funds in 2007. In November 2014, voters approved \$5.0 million in general obligation bonds to recapitalize this program.

The State Preservation Grants Review Panel awards grants based upon the project's historical and/or architectural significance, physical preservation needs, ability to serve the public and to attract support, and upon geographic distribution. Additionally, projects that are compatible with a local development plan within the city or town in which they are located are given priority.

Project Status: The Budget includes \$1.0 million in newly issued bond proceeds for this program in FY2017. The Commission plans to make final Round 1 awards in December 2015 with Round 1 projects beginning construction in spring 2016.

Attorney General

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Automated Fingerprint Identification Systems	\$1.2	\$0.7	-	-	-	-	-	\$1.9
Building Renovations and Repairs	1.8	0.3	0.3	0.2	0.2	0.2	0.2	3.0
Google Funds	9.5	6.0	5.0	-	-	-	-	20.5
Total	\$12.5	\$7.0	\$5.3	\$0.2	\$0.2	\$0.2	\$0.2	\$25.4

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Funds	\$1.0	\$0.4	-	-	-	-	-	\$1.4
P.L. 2002 Ch. 65 - Issued	0.3	0.3	-	-	-	-	-	0.5
Restricted Receipt Funds	9.5	6.0	5.0	-	-	-	-	20.5
RI Capital Plan Fund	1.8	0.3	0.3	0.2	0.2	0.2	0.2	3.0
Total	\$12.5	\$7.0	\$5.3	\$0.2	\$0.2	\$0.2	\$0.2	\$25.4

\$ in millions. Totals may vary due to rounding.

Automated Fingerprint Identification Systems

The Integrated Automated Fingerprint Identification System (IAFIS) is used to transmit fingerprint data from local and state police departments to the Bureau of Criminal Identification's Rhode Island Criminal History database. For example, when an individual is arrested for committing a crime, fingerprints of the arrested individual are run through the IAFIS and the FBI database. The IAFIS also stores civil fingerprint information, primarily for providing background checks. Rhode Island has partnered with the State of Connecticut for a shared IAFIS system since 1995.

Project Status: The Governor recommends \$256,480 in general obligation bond funds and \$401,172 in federal funds to replace the current system in FY2016. Prior to FY2016, \$953,190 in federal funds and \$278,572 in general obligation bond funds were spent, bringing the total project cost to \$1.9 million. The new IAFIS system is recommended resolve differences between the Connecticut system and Rhode Island laws and increase slow speeds of the current system.

Building Renovations and Repairs

This asset protection project includes nine capital repairs for the main headquarters at 150 South Main Street in Providence. Projects include repointing and limestone repair on the building exterior, electrical upgrades throughout the building, HVAC upgrades, and replacement of bathroom fixtures and flooring. Projects are given priority based on the bond covenants used in the issuance of debt to purchase the building. The building was built in 1952 and originally outfitted as a banking facility prior to the purchase by the State for use as legal offices for the Attorney General.

Project Status: The Budget includes RICAP funding of \$300,000 in FY2016 and \$300,000 in FY2017. It also recommends \$150,000 annually in FY2018 through FY2021. The funding will pay for fire protection upgrades, repointing and limestone repair, and HVAC upgrades. Completed renovations include conference rooms, office remodeling, and cubicle reconfigurations.

Google Forfeiture Funds

The Department of the Attorney General received \$60.0 million in federal forfeiture funds from participation in the United States Department of Justice (DOJ) investigation of Google's role in placing online ads for illegal pharmacies. DOJ approval is required for all projects funded by the settlement. Funds are deposited to a restricted receipt account within the Department of Attorney General.

Since FY2013, the Department has utilized these funds to complete upgrades to existing IT infrastructure, such as the Pawns and Precious metals database (\$315,846), which stores information enabling state and local law enforcement agencies to track stolen materials. An upgrade to the State Criminal History database (\$777,405) adds the ability to house criminal photos, priority list defendant last known addresses, provides fields to track mental health index data, and generates administrative reporting that was not already in place. Funds have also been spent to acquire a new office building at 180 South Main Street adjacent to the current

headquarters. The building, along with 22 additional parking spaces, was paid for entirely with Google forfeiture funds.

The Budget moves \$6.0 million in restricted receipts relating to Google forfeiture funds from FY2016 to FY2017. The Department indicates that these funds will be for two capital projects – a Customer Service Center to be located in the Pastore Complex (total project costs estimated to between \$10.0-\$11.0 million) and the renovation of the Attorney General's main offices at 150 South Main Street (estimated total costs estimated between \$3.0-\$5.0 million). The following table outlines expenditures of these funds to date.

Google Forfeiture Funds: Expenditure Summary						
Item	FY2013	FY2014	FY2015	FY2016*	FY2017*	Total
Building Renovation & Design	-	\$1,118,978	\$1,867,151	\$2,750	\$6,000,000	\$8,988,879
Vehicles	53,769	-	-	-	-	53,769.00
Building Acquisition	-	3,400,000	-	-	-	3,400,000.00
IT System Design	-	574,205	1,301,371	2,712,608	-	4,588,184.00
General Operating Expenses	4,600	40,994	731,679	2,582,250	-	3,359,523.00
Total	\$58,369	\$5,134,177	\$3,900,201	\$5,297,608	\$6,000,000	\$20,390,355
Balance Remaining from Award						\$39,609,645

**FY2017 Governor Budget Recommendation*

Department of Corrections

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Bernadette Guay Renovations	\$0.6	\$0.7	\$0.7	\$0.5	\$0.5	-	-	\$3.0
Correctional Facilities Study	-	-	0.3	-	-	-	-	0.3
Corrections Asset Protection	12.8	5.0	3.8	3.8	3.8	3.8	3.8	36.5
Dix Renovations	1.9	0.7	0.8	1.1	0.3	-	-	4.7
General Renovations - Maximum	3.9	1.0	1.0	1.0	0.5	0.4	-	7.8
Gloria McDonald Renovations	3.4	0.5	0.2	-	-	-	-	4.1
ISC Exterior Envelope and HVAC Renovation	0.7	0.9	1.7	1.9	1.7	2.2	-	9.1
Medium Infrastructure	0.9	2.3	4.0	4.0	5.0	7.0	-	23.2
Total	\$24.2	\$11.2	\$12.3	\$12.2	\$11.7	\$13.3	\$3.8	\$88.6
Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Information Technology Investment Fund	-	-	-	-	-	-	-	-
RI Capital Plan Fund	24.2	11.2	12.3	12.2	11.7	13.3	3.8	88.6
Total	\$24.2	\$11.2	\$12.3	\$12.2	\$11.7	\$13.3	\$3.8	\$88.6

\$ in millions. Totals may vary due to rounding.

Bernadette Guay Renovations

This project converts the Bernadette Guay building from office space to detention facilities. Projects include HVAC installation, upgrades to bathroom facilities, and basement renovations. The building will house two categories of female offenders: Minimum Security and Work Release. These inmates were previously housed in the Gloria McDonald facility.

Project Status: The Budget includes \$711,000 in FY2016 and \$650,000 in FY2017 in Rhode Island Capital Plan (RICAP) funds. Bath renovations, window replacements, and basement renovations are underway. Asbestos removal and mold remediation projects have been completed.

Correctional Facilities Study (new)

The Department is interested in determining the costs and benefits of replacing the Maximum and High Security facilities with a single new facility that would potentially have less maintenance and repair costs and a lower overall cost per inmate.

The Governor recommends \$250,000 in FY2017 to finance a feasibility study.

Corrections Asset Protection

This asset protection project includes ongoing capital repairs throughout existing facilities owned and operated by the Department, known collectively as the Adult Correctional Institutions (ACI). Asset protection is made as a single appropriation, not specific to any single project, so the Department can prioritize projects in a particular fiscal year. While upgrades are not all considered major, any failure of security systems and HVAC systems can result in security complications and/or failure to maintain accreditation standards set by the American Correctional Association and National Institution of Corrections.

Project Status: The Budget includes \$36.5 million in RICAP funding for asset protection projects spread between FY2016 to FY2021, including \$5.0 million in FY2016 and \$3.8 million in FY2017. 19 subprojects are identified to be financed under this asset protection plan, including the installation of new surveillance systems (security cameras) at the Dix facility and Maximum Security facility.

Dix Renovations

This project converts the Dix building from a secure facility environment to departmental office space. Renovations include installing shower facilities, storage areas, and office space. Electrical upgrades to the building will occur when renovations are complete. The lower level will house the Correctional Officer Training Academy and CERT team.

Project Status: The Budget includes RICAP funding of \$686,925 in FY2016 and \$750,000 in FY2017. Renovation of the building for office space will continue from FY2017 through FY2019; a total of \$4.7 million is planned for these renovations.

General Renovations – Maximum

This project includes general asset protection projects and mechanical system upgrades at the Maximum Security building. Projects include renovating the heating and plumbing system, including insulation of pipes in the basement, HVAC upgrades, and replacement of the steam line in the yard area, which provides hot water and heat to the facility.

Project Status: The Budget recommends \$1.0 million a year from FY2016 through FY2018, \$500,000 in FY2019 and \$350,000 in FY2020 in RICAP funds for general renovations at the Maximum Security facility. Funding was approved for this project in FY2013 but the award of the bid was delayed and the project began in FY2014. The installation of a new gate has been completed, as well as HVAC upgrades in buildings 1 and 3. Ongoing projects include HVAC upgrades in the facility's kitchen area, yard renovation projects, and main steam line replacement.

Gloria McDonald Renovations

Building renovations began in 2010 to retrofit the once-vacant Gloria McDonald building to house maximum security female inmates. Projects include interior and exterior renovations, removal of an above ground corridor, and expansion of the outdoor recreation area, parking lot, and security fences.

Project Status: The Budget includes \$539,963 in FY2016 and \$150,000 in FY2017 in RICAP funds. Almost all phases of the project are complete. The later amount will be used to retrofit renovations for the medical, dental, and segregation areas.

Intake Service Center (ISC) Exterior Envelope and HVAC Renovation

This project restores and repairs the exterior of the ISC, upgrades the HVAC systems, and general repairs and upgrades. Repointing and resealing of brick veneers, replacement of all windows and casements, and DryVit (building insulation) patching projects will repair water damage on the building exterior. The project also includes renovating the existing HVAC system, upgrades to the door-locking system, expansion of parking for staff and visitors, as well as a number of other general repairs and upgrades.

Project Status: The Budget includes \$937,739 in FY2016 and \$1.7 million in FY2017 in RICAP funds for the project. It is anticipated that some of the subprojects will result in energy savings.

Medium Infrastructure

The Department continues to operate the Medium-Moran facility with populations substantially greater than the facility was designed to support. Built in 1992, it was intended to house 650 inmates and today houses more than 1,000. Dining, kitchen, laundry and bathroom facility upgrades and capacity are needed to comply with correctional standards. The original project expanded the kitchen and installed new kitchen equipment; however, with the shift in population resulting from the closure of the Medium Price facility, the project also expands the dispensary's number of treatment and exam rooms, mechanical upgrades to housing and ancillary areas, and reconstructs the current perimeter roads to accommodate fire and rescue vehicles responding to the facility.

Project Status: The Budget includes \$2.3 million in FY2016 and \$4.0 million in FY2017 in RICAP funds for this project. The Department expects to accept bids for laundry facility expansion, HVAC upgrades, and mechanical upgrades in FY2016. The Budget includes \$16.0 million from FY2017 through FY2020 for continued HVAC upgrades, kitchen and recreational area expansion, and upgrades to the hot water distribution system.

Judiciary

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Information Technology	\$1.5	\$0.9	-	-	-	-	-	\$2.4
Judicial Asset Protection	6.1	0.9	0.9	1.0	1.0	1.0	1.0	11.7
Judicial Complexes - HVAC	4.5	1.0	0.9	0.9	1.0	1.0	-	9.3
Licht Chillers Replacement	-	-	-	-	-	1.1	-	1.1
Licht Judicial Complex Restoration	0.5	0.8	0.8	0.8	0.8	0.8	-	4.3
Licht Window/Exterior Restoration	-	-	-	0.5	0.5	-	-	1.0
Noel Shelled Courtroom Build Out	-	3.0	3.0	4.0	-	-	-	10.0
Total	\$12.6	\$6.5	\$5.5	\$7.1	\$3.2	\$3.9	\$1.0	\$39.8

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Information Technology Investment Fund	\$1.5	\$0.9	-	-	-	-	-	\$2.4
RI Capital Plan Fund	11.1	5.6	5.5	7.1	3.2	3.9	1.0	37.4
Total	\$12.6	\$6.5	\$5.5	\$7.1	\$3.2	\$3.9	\$1.0	\$39.8

\$ in millions. Totals may vary due to rounding.

Information Technology

The Judiciary has been developing a new Case Management System and an E-Filing System. The new system will integrate information throughout the justice system and diminish the requirement for paper storage of case materials as all the information will be stored electronically.

Project Status: The Budget includes \$940,500 in expenditures from the Information Technology Investment Fund in FY2016. Prior to FY2016, \$1.5 million from the Information Technology Fund had been spent on this project.

Judicial Asset Protection

This asset protection project funds renovations and improvements throughout the Judiciary's facilities. Interior renovations include elevator system upgrades, replacing outdated fire alarm and suppression systems, and upgrading the current security system to include new surveillance cameras. Additional interior renovation will allow the courts to repair ongoing wear and tear resulting from high use by the public. Exterior restoration projects include painting, window replacement, and repointing of the brick facades. Generally, the capital asset protection appropriation is not specific to any single project, thereby providing the Department discretion as to which projects are worked on in a particular fiscal year.

Project Status: The Budget includes \$873,197 in Rhode Island Capital Plan (RICAP) funds in FY2016 and \$875,000 in RICAP funds in FY2017 for asset protection projects. In FY2016 and FY2017 funds will be used for security upgrades, fire suppression systems, and general building renovations. These projects are ongoing due to frequent use of the judicial facilities and therefore do not have completion dates.

Judicial Complexes – HVAC

This project replaces and repairs court-managed HVAC systems at all judicial complexes. Funds provide for architecture and engineering design, installation of air handler units, and chillers in various court complexes.

Project Status: The Budget includes \$963,038 in FY2016 in RICAP funding, and plans to spend \$900,000 to \$1.0 million annually from FY2017 through FY2020, to address the ongoing replacements and future maintenance needs. This upcoming year the Judiciary is planning HVAC repairs in Garrahy Judicial Complex and Fogarty Judicial Complex.

Licht Chillers Replacement (New)

This project replaces and repairs court-managed HVAC systems at the Licht courthouse. Funds provide for architecture and engineering design and installation of two energy-efficient chillers, the component of an HVAC system that cools the air stream, to replace the current chillers which are 30 years old.

Analyst Note: The Judicial Complexes – HVAC project includes replacement and repairs of these systems at the Licht complex. It is unclear why this is included in the Budget separately.

Project Status: The Budget includes \$1.1 million in RICAP funds in FY2020 to replace and install both chillers.

Licht Judicial Complex Restoration

This project renovates and restores the interior of the Licht Judicial Complex in Providence. The courthouse building was completed in 1933. Renovations are highly labor intensive due to the historical nature of the building. Courtroom ceilings are covered with ornate woodwork and plaster, requiring restoration work to be done by historic preservation specialists. The Department undertakes general restoration projects as enabled by available funds.

Project Status: In FY2016 through FY2020, the Budget includes \$750,000 annually in RICAP funds to continue the restoration of courtrooms one through eleven, thirteen, and fourteen. Courtroom twelve is complete. The bid process for courtroom nine has been completed and renovations are ready to begin. The Judiciary expects to complete the bid process for two additional courtrooms, 4 and 17, in FY2016.

Licht Exterior Restoration (New)

This project renovates and restores the exterior of the Licht Judicial Complex in Providence, including window replacement, roof repair, painting, and brick masonry repair.

Project Status: The Budget includes \$500,000 in FY2018 and FY2019, totaling \$1.0 million for the restoration project.

Noel Shelled Courtroom Build Out

The Noel Shelled Courtroom Build-Out (NCBO) will expand the capacity of the Noel Judicial Complex by completing unfinished courtroom space within the interior shell. The build out will also include an addition to the existing parking structure, which is at near capacity for the courtrooms currently in use. The building was completed in 2007, funded by certificates of participation (COPs); however, due to cost overruns at the time of construction, a space in the center of the building intended for additional courtrooms was never completed. The Department indicates a need to complete this courtroom space due to overcrowding of courtrooms in both the McGrath Judicial Complex (Wakefield) and the Garrahy Complex (Providence). Noel is centrally located in Warwick and may serve populations in both Washington and Providence counties. The Judiciary expects to complete the project in two phases. The first phase of the project will add two decks to the current parking garage. The second phase of the project will build out the shelled courtroom space within the Noel Complex.

Project Status: The Budget includes \$3.0 million in FY2016, \$3.0 million in FY2017, and \$4.0 million in FY2018 in RICAP funds to complete the courtroom space and build an addition to the existing parking structure.

Executive Military Staff

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
AMC Rehab	\$6.5	\$0.5	\$0.7	\$1.1	-	-	-	\$8.8
Benefit Street Arsenal Rehabilitation	0.0	0.8	-	-	-	-	-	0.8
Bristol Readiness Center	-	-	0.1	-	-	-	-	0.1
Burrillville Regional Training Institute	0.0	0.0	-	-	-	-	-	0.0
Joint Force Headquarters Building	-	2.6	12.5	8.0	9.1	-	-	32.2
Military Staff Asset Protection	6.7	2.6	1.9	2.0	1.8	1.7	1.5	18.2
Quonset Air National Guard Facilities	-	27.2	38.4	10.9	0.4	-	-	76.9
Total	\$13.3	\$33.8	\$53.7	\$22.0	\$11.2	\$1.7	\$1.5	\$137.0

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
National Guard Bureau - Federal	\$7.6	\$31.5	\$49.5	\$17.7	\$6.4	\$1.0	\$0.8	\$114.5
RI Capital Plan Fund	5.7	2.2	4.2	4.3	4.8	0.7	0.7	22.6
Total	\$13.3	\$33.8	\$53.7	\$22.0	\$11.2	\$1.7	\$1.5	\$137.0

\$ in millions. Totals may vary due to rounding.

The National Guard program is composed of reserve units of the United States Army and Air Force, the Rhode Island National Guard, and the State Historic Militia, that are trained and equipped through numerous facilities throughout the state, including fourteen armories, three air bases, two training sites, and ten maintenance and support buildings housing equipment valued at a total of \$500.0 million.

Armory of Mounted Commands Rehab

The Armory of Mounted Commands (AMC) was built in 1925 and is located on North Main Street in the City of Providence. Prior to WWII, the facility was used by the State Militia's cavalry and mounted artillery units. Later, the armory became the Rhode Island National Guard Joint Force Headquarters until its relocation to 645 New London Avenue in the City of Cranston in 1993. Many of the structural and utility components of the building are failing due to the age of the structure and require repair or replacement. The projects include repointing brick mortar joints, replacement of the slate roof and gutters, repairing skylights, replacement of the HVAC system, replacement of the head shed roof, expanding and repaving the parking lots, electrical and plumbing work including the replacement of the latrines, and installing an elevator in the four-story AMC to achieve Americans with Disabilities Act compliance.

Project Status: The Budget includes a total appropriation of \$2.3 million between FY2016 and FY2018, divided 50/50 between federal and RICAP funds. The Governor recommends \$1.2 million between FY2016 and FY2017. The HVAC system is complete and operational. A design firm was selected for architectural and engineering designs on the remaining projects.

Benefit Street Arsenal Rehabilitation

The Benefit Street Arsenal is located at 176 Benefit Street in the City of Providence. The structure was built in 1839 and was relocated 150 feet north to its present location in 1906. The Arsenal was added to the National Register of Historic Places in 1970. In the 19th Century, the Arsenal was used as the armory of the Providence Marine Corps of Artillery (PMCA) and associated artillery units in the Rhode Island Militia, was used as the mobilization site for the militia units during the Dorr Rebellion, and again as a mobilization site for ten batteries of light artillery which were raised in Rhode Island during the American Civil War. Presently, the Rhode Island National Guard only uses this structure for ceremonial programs associated with the 103rd Field Artillery. Therefore, the structure is historically significant to the State, but is of little use to the Rhode Island National Guard. The structure is occupied and leased by the Providence Marine Corps of Artillery (PMCA). The lease term is for 1,000 years.

The structure has significant water penetration issues including damage to plaster walls and ceilings. Additional interior repairs include replacement of the 80-year old electrical system and fire code upgrades. The exterior façade work includes masonry and window repairs and complete exterior painting.

In addition, the sidewalk along Meeting Street is in such disrepair that it is a hazard. There are several significant legal issues surrounding this structure including the inventory and insurance of the artifacts inside, ownership of the sidewalks, and abutting property owner issues.

Project Status: The Budget includes \$773,423 in RICAP funds for FY2016. There are no out-year appropriations for this capital project.

Bristol Readiness Center

Military Staff is planning for the design and renovation/construction of a new armory and field maintenance shop to service the East Bay. The current facilities fail to meet federal operational, logistical, and security standards. Military Staff is currently exploring all potential site development options, including models used in other states that allow for public shared-use spaces.

Project Status: The Budget includes \$125,000 in RICAP funds in FY2017 to fund a project feasibility study. Approximately 75.0 percent of future construction costs will be federally funded, with the balance financed by the State. The Department's request concurs with the enacted plan.

Burrillville Regional Training Institute

Military Staff currently operates a regional training institute on 33 acres at Camp Varnum in Narragansett for military education and outdoor survival skills, including land navigation, map and compass reading. However, the present location of the training institute is outdated, too small for practical simulation, and is located within a flood plain.

Military Staff plans to construct a new regional training institute on 133 acres of state-owned land in Burrillville. The land was previously used by the Department of Behavioral Healthcare, Developmental Disabilities, and Hospitals (BHDDH), but was previously approved by the State for use by Military Staff. The State is required to provide and fund a master plan/feasibility study.

Analyst's Note: The Military Staff has scaled back its plans to use this land, due to concerns raised by the Town of Burrillville and BHDDH over use of the Zambarano Hospital and surrounding area by the National Guard. At present, the Military Staff anticipates conducting a limited feasibility study for a covered training shed and area so units can dismount and use the site for training.

Project Status: The wetland survey and environmental remediation and feasibility study are complete. The Budget includes \$22,150 in RICAP funds to complete the study in FY2016.

Joint Force Headquarters Building Project

This project involves the design and construction of a new \$32.2 million, 84,984 sq. ft. Joint Force Headquarters Building (JFHQ) to house the Rhode Island National Guard (RING). The federal National Guard Bureau will provide \$21.5 million towards the construction of the facility with the State providing \$10.7 million in RICAP funds. In order to receive the federal funds, the State must provide a 33.0 percent state match. The structure will be located on federal land at Camp Fogarty in the Town of East Greenwich, and will be used to support the administration, training, and logistics of both the Army and Air National Guard. The new structure will replace the existing 44,840 sq. ft. structure located at 1511 New London Avenue in the City of Cranston. The former building is proposed as the headquarters of Rhode Island Emergency Management Agency.

Project Status: The Budget includes \$32.2 million between FY2016 and FY2019. This includes \$2.0 million in federal funds and \$600,000 in RICAP funds in FY2016 for architectural and engineering costs as well as installation of the underground infrastructure. The Governor includes \$3.0 million in FY2017, \$3.0 million in FY2018, and \$4.1 million in FY2019 in RICAP funds to match \$19.5 million in federal funds over the same time period.

Military Staff Asset Protection

This project includes seventeen capital repairs at various facilities that are categorized as asset protection for the Military Staff. These projects are funded with both RICAP and federal funds and are necessary to bring the facilities up to determined U.S. Army standards. The asset protection program includes sub-projects at various facilities, and allows the National Guard to prioritize each project and shift funding based on current conditions and needs. The projects include fence installation, HVAC replacement, parking lot repairs and repaving, door and window replacements, roof replacement, installation of back-up generators, latrine upgrades, interior repairs, and painting.

Project Status: The Budget includes a total of \$11.5 million between FY2016 and FY2021, of which \$12.0 million is federal and \$6.1 million is RICAP funds. The Governor recommends \$2.6 million in FY2016, of which \$2.0 million is federal funds and \$590,512 is RICAP funds. For FY2017, the Governor includes \$1.9 million, of which \$1.2 million are federal funds and \$700,000 are RICAP funds.

Quonset Air National Guard Facilities (new)

The federal capital projects at the Quonset Air National Guard Base are included in the Governor's Capital Budget for the first time. Previously, these types of 100.0 percent federally-funded projects were excluded from the annual State capital plan. There are seven projects including repairs and renovations to the Operating and Training Facility Building #1, construction of a new Flight Simulator, renovation to the Base Supply Buildings #4 and #5, renovations to the existing Fuel Cell and construction of a new Alternative Fuel Cell, repair and construction an addition to the Base Fire and Crash Rescue building, renovations to the Vehicle Maintenance Building #3, and upgrades to the airfield Instrument Landing System.

Project Status: The Budget includes \$76.9 million in federal funds between FY2016 and FY2019 for these projects.

Rhode Island Emergency Management Agency

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Emergency Management Building	\$0.0	\$0.0	\$0.2	\$0.1	\$0.0	\$0.0	\$0.0	\$0.3
Hurricane Sandy Cleanup	0.6	0.9	-	-	-	-	-	1.5
RI Statewide Communications System Network	-	-	2.1	1.9	1.9	2.0	2.0	10.0
Total	\$0.6	\$0.9	\$2.3	\$2.0	\$1.9	\$2.0	\$2.0	\$11.9

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Emergency Management Agency	\$0.0	\$0.7	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$3.2
Federal Funds	-	-	0.1	0.1	-	-	-	0.2
General Revenue	-	-	-	-	-	-	-	-
Restricted Receipt Funds	-	-	0.6	0.4	0.4	0.5	0.5	2.5
RI Capital Plan Fund	0.6	0.2	1.2	1.0	1.0	1.0	1.0	6.0
Total	\$0.6	\$0.9	\$2.3	\$2.0	\$1.9	\$2.0	\$2.0	\$11.9

\$ in millions. Totals may vary due to rounding.

The Rhode Island Emergency Management Agency (RIEMA) is the coordinating agency for multi-jurisdiction and multi-agency response in the State for all emergencies including natural and technological hazards such as fires, floods, tornadoes, hurricanes, winter storms, chemical releases, weapons of mass destruction, and terrorism incidents. RIEMA is the official coordinating agency of the State for the federal Department of Homeland Security and the federal Emergency Management Agency.

Emergency Management Building (new)

RIEMA requests \$15.5 million to construct a new headquarters facility including \$250,000 in federal funds and \$250,000 in general revenue in FY2016 to start the project and \$15.0 million in years FY2017 through FY2019, including \$7.5 million in RI Capital Plan (RICAP) funds and \$7.5 million in federal funds for a new building for RIEMA.

The new Headquarters and Emergency Operations Center would be capable to incorporate other state agencies into one facility in the event a man-made and/or natural disaster. The project includes administrative offices, information technology and communications facilities, support facilities for emergency operations, the State Emergency Operations Center, and a radiological vault.

Analyst's Note: A feasibility study was completed by the firm Robinson Green and Berretta in June 2013 that identified the spatial needs of RIEMA and supported the agency's request for a separate facility. However, as part of the enacted capital budget, the Military Staff is scheduled to receive \$22.0 million in federal funds to construct a new 84,984 sq. ft. Rhode Island National Guard Command Readiness Center in federal fiscal year 2017. This new facility would be located on federal property at Camp Fogarty in East Greenwich. RIEMA previously confirmed that relocating the Rhode Island National Guard Command Readiness Center to East Greenwich would provide RIEMA with sufficient operating space at the existing Cranston location. Present RIEMA staff was unaware of the aforementioned discussion or activity, and has begun studying the reuse of a RI Department of Transportation owned facility (warehouse) at 55 Colorado Avenue in the City of Warwick.

RIEMA's funding request is a placeholder request and does not reflect any accurate build out cost projections at the RIDOT warehouse

Project Status: The Budget includes \$59,750 in federal funds and \$189,750 in RICAP funds in FY2017 and \$130,000 in federal funds in FY2018 to fund a feasibility study for a new building for RIEMA.

Hurricane Sandy Cleanup

On October 29, 2012, Hurricane Sandy damaged State property and State agencies incurred costs to clean-up debris left in the wake of the storm. The Federal Emergency Management Agency

(FEMA) provided federal funds to aid the State in the clean-up and repairs. These federal funds required a State funded match of approximately 25.0 percent, which was provided through RICAP. Both State and quasi-state agencies applied for reimbursement for their damages and expenses. The State entities receiving this assistance include the Department of Environmental Management, Department of Transportation, Rhode Island National Guard, Rhode Island Emergency Management Agency, Coastal Resources Management Council, Rhode Island Airport Corporation, Rhode Island Turnpike and Bridge Authority, Quonset Development Corporation, Department of Public Safety, and the University of Rhode Island.

Project Status: The Budget includes \$924,300 in FY2016 comprised of \$692,225 in federal funds and \$232,075 in RICAP funds. The projects are complete.

Rhode Island Statewide Communications System Network (RISCON)

Under RIGL 30-15-43 Statewide interoperable communications system, RIEMA is authorized and empowered to provide for the installation, operation, and maintenance of a statewide interoperable communications system for the purpose of promptly collecting, exchanging, disseminating, and distributing information relating to police, fire, first responder, and first receiving health care facilities of the state. The Rhode Island Statewide Communications System Network (RISCON) is an 800MHz interoperable radio system that is the main communications platform used for the daily operations of all public safety agencies in the State. RIEMA continues to sustain, enhance, and develop RISCON to be used in the event of a man-made or natural disaster for interoperability among local, state, and federal government entities.

RISCON is used by all state agencies and by 39 municipalities. Over 75.0 percent of the municipalities use RISCON for law enforcement needs and 50.0 percent use the system for fire and EMS needs. There are approximately 10,000 end-users on the system, which requires regular hardware maintenance, and 29 tower locations throughout the state.

Project Status: The Budget includes \$9.9 million in total expenditures for the program through FY2021. It includes \$1.0 million in RICAP, \$585,735 in restricted receipts, and \$500,000 in federal funds for FY2017.

Department of Public Safety

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Computer Crimes Unit	0.0	0.4	-	-	-	-	-	0.4
Consolidated Training Academy	0.2	-	5.4	7.1	4.2	2.7	-	19.5
DPS Asset Protection	-	0.3	0.3	0.3	0.3	0.3	0.3	1.5
Fire Academy Building	6.6	2.9	1.2	-	-	-	-	10.7
Lincoln Woods Barracks Renovation	2.2	4.2	1.0	-	-	-	-	7.4
Secure Vehicle Garage	0.1	1.0	-	-	-	-	-	1.1
State Police Barracks	-	0.4	-	-	-	-	-	0.4
State Police Training Academy Renovation	0.0	0.2	-	-	-	-	-	0.2
Total	\$9.1	\$9.3	\$7.9	\$7.4	\$4.4	\$2.9	\$0.3	\$41.2

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Funds	-	\$0.1	-	-	-	-	-	\$0.1
P.L. 2002 Ch. 65 - Issued	6.4	0.0	-	-	-	-	-	6.4
Restricted Receipt Funds	0.3	4.9	5.9	3.1	1.1	-	-	15.3
RI Capital Plan Fund	2.4	4.3	2.0	4.3	3.4	2.9	0.3	19.4
Total	\$9.1	\$9.3	\$7.9	\$7.4	\$4.4	\$2.9	\$0.3	\$41.2

\$ in millions. Totals may vary due to rounding.

Computer Crimes Unit

The Department is relocating the Computer Crimes Unit (CCU) from State Police Headquarters to 50 Service Avenue in Warwick, a building owned by the Department of Administration. Based upon the current size of the CCU, there is a need for them to move into a larger work area to accommodate for their staffing needs. This space is currently occupied by the State Police Detective Unit, which will move to other available space in this building. This project will renovate and add to the office space to be occupied by CCU.

Project Status: The Budget includes restricted receipts from Google Forfeiture funds of \$399,450 in FY2016 for architectural and design services, as well as renovations to the space. An architect has been selected for the office design, and they will begin work once purchasing assigns a Purchase Order number. It is anticipated that this project will be completed in FY2016.

Consolidated Training Academy

This project involves the design and construction of a new \$19.5 million Consolidated Training Academy facility, which will combine the current training facilities of the Rhode Island State Police and Municipal Police Training Academies. The site that is being considered is the State-owned land in the Town of Exeter at the former Ladd School. The Academy building will be used to support the administration, training, and logistics of both the State Police Academy (SPA) and the Municipal Police Academy (MPA). The current State Police facilities were constructed in the 1950s as a Nike missile site for the United States Army. The facility was turned over to the State Police in the 1960s and has since undergone renovations to accommodate State Police training needs and technology upgrades. The Municipal Academy contracts leased space at the Community College of Rhode Island. According to the Department, training efforts common to both groups can be coordinated; and, savings will be achieved since the DPS would no longer need to renovate the SPA site or lease space for the MPA classes.

Project Status: The Budget includes \$5.4 million in restricted receipts in FY2017. The project will be 50.0 percent funded through RICAP funds and 50.0 percent through restricted receipts: \$9.8 million from each source.

DPS Asset Protection

Based upon the age of some of the buildings that fall under the Department of Public Safety, it is imperative that funding be available to address an issue that may not otherwise be covered by the Department's operating budget. Asset protection is made as a single appropriation, not specific to any single project, so the Department can prioritize projects in a given fiscal year.

Project Status: The Budget includes \$250,000 annually in RICAP funds from FY2016 through FY2021 for asset protection projects. Current projects include repairs to the gutter system and installation of a snow melting system to alleviate pooling and freezing of water on the roof of the Headquarters building in Scituate. The building officially opened in 2010 and houses the State Police, including the Command Staff, and the E-911 Public Safety Answering Point.

Fire Academy Building

The Fire Academy Building project is a two-phase undertaking which began after voters approved \$6.4 million in general obligation bonds in November 2002. Phase I was completed in December 2011 and included a four acre Burn Pad, paved parking, on-site wastewater treatment, apparatus building and a garage at the site of the former Ladd School in Exeter. Phase II incorporates classrooms and administrative offices to the current hands-on portions of the Academy. Until Phase II is completed, classroom training is conducted at off-site locations. This project has also expanded to include the construction of new office space and storage space for the State Fire Marshal's office, as they have been moved out of the Cranston Street Armory based on poor working conditions.

Project Status: The Budget includes \$2.9 million in FY2016, including \$27,482 in remaining general obligation bond funds. In FY2017, RICAP funds of \$1.2 million will provide financing for continued project construction while also providing for a feasibility study, which will be conducted in order to determine the cost of the addition of moving the Fire Marshal's office to this site location. Since moving out of the Cranston Street Armory in 2014, the majority of the staff are situated within the Department of Administration, while a small portion moved to a secondary site previously used as a backup building for the E-911 unit on Smith Street in Providence.

Lincoln Woods Barracks Renovation

The Lincoln Woods Barracks was constructed in the 1930s, directly off Route 146 in Lincoln, and originally served as State Police Headquarters. While the Barracks has undergone changes to accommodate evolving staffing and technology needs, the building requires a number of other renovations, including an HVAC system to address energy inefficiencies, public restrooms, trooper amenities such as storage lockers and bath facilities, and office space. The project reconfigures the sally port (the entrance where persons in custody are brought into the building), processing room, and basement location of the cell block to address public and officer safety concerns. There is currently no secure means of transporting someone in custody through each of these areas.

Project Status: The Budget includes a total of \$7.4 million in RICAP funds, restricted receipt funds, and federal funds, to complete renovation projects on the building. In FY2016 the Budget includes \$3.3 million in restricted receipts, \$779,885 in RICAP funds, and \$127,500 in federal funds. In FY2017 the Budget includes \$500,000 from both RICAP and restricted receipt funds, totaling \$1.0 million.

Secure Vehicle Garage

This project is to construct a pre-engineered, secure steel building at the Scituate headquarters to house and prolong the life of 13 specialty use trucks and trailers with Google Forfeiture settlement funds.

Project Status: In FY2016 the Budget includes \$1.0 million in restricted receipts (Federal Forfeiture funds) to complete the project.

State Police Barracks

This project funds a feasibility study to build new Wickford and Hope Valley State Police Barracks.

The Department plans to build a new Wickford Barracks to replace the existing 1935 barracks that is undersized and not designed to modern and secure standards. The configuration does not have a secure sally port or space for secure movement of prisoners. The new barracks will be a two-story, state of the art structure in Quonset to house the 34.0 trooper positions currently stationed in Wickford. The

Department is seeking to enter a lease agreement with Quonset Development Corporation for a parcel upon which to build the new barracks.

The Hope Valley Barracks was built in 1930 and designed to meet the needs of the State Police during that era. The current configuration of the sally port, processing room, and basement cell block presents public and officer safety concerns. There is no secure means of transporting someone in custody through each of these areas. This project constructs a new state-of-the-art barracks on land immediately adjacent to the current structure. The Department will maintain possession of the current barracks, which will be renovated and used by members of the Department for office space.

Project Status: The Budget includes \$400,000 in RICAP in FY2016 to fund the cost study for both projects.

State Police Training Academy Renovations (New)

This project funds general renovations to the Training Academy in Foster, such as electrical improvements, tile replacement, a new air conditioning system, and painting. After the completion of the Consolidated Training Academy facility, the State Police will continue to utilize this Training Academy for firearm and assault rifle qualifications, as well as training for the Special Weapons and Tactical (SWAT) team.

Project Status: The Budget includes \$166,333 in restricted receipts (Google Forfeiture funds) in FY2016 to complete the renovations.

Department of Environmental Management

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
25 India Street	\$3.0	\$0.2	-	-	-	-	-	\$3.2
Blackstone Valley Park Improvements/Friends	0.6	0.1	0.3	0.4	-	-	-	1.4
Brownfields Remediation	-	1.0	1.0	2.0	2.0	2.0	1.0	9.0
Dam Repair	3.3	0.8	1.0	1.0	1.5	1.0	1.0	9.5
Farmland Development Rights Acquisition	1.7	2.8	1.0	1.0	1.0	-	-	7.5
Fish & Wildlife Maintenance Facility	-	-	0.2	0.6	-	-	-	0.7
Flood Prevention	-	1.0	1.0	1.0	-	-	-	3.0
Fort Adams Sailing Improvements/Mid-Park	5.9	0.1	3.0	1.1	0.4	-	-	10.4
Fort Adams Trust/Rehabilitation	3.6	0.2	0.3	0.3	0.3	0.3	0.3	5.3
Galilee Piers/Bulkhead	9.4	0.4	1.5	2.5	1.3	0.4	-	15.4
Historic State Park Development Program	-	-	-	2.0	2.0	2.0	1.0	7.0
Historic/Passive Local Recreation Grants	3.3	1.7	-	-	-	-	-	5.0
Local Land Acquisition Grants	6.8	2.4	2.1	2.2	1.0	1.0	1.0	16.5
Local Recreation Development Grants	2.1	4.9	1.5	2.5	1.5	1.5	0.5	14.5
Marine Infrastructure/Pier Development	-	0.1	0.5	0.5	0.5	1.0	1.0	3.6
Narragansett Bays and Watershed Restoration Fund	5.7	4.8	1.0	1.0	-	-	-	12.5
Natural Resources Offices/Visitor's Center	0.3	2.5	3.0	-	-	-	-	5.8
Newport Piers/Building Project	1.4	-	0.2	0.1	-	-	-	1.7
Recreational Facility Improvements	27.1	7.6	3.5	2.2	0.9	0.9	0.9	43.0
Rocky Point Master Plan and Implementation	13.5	0.5	-	-	-	-	-	14.0
Roger Williams Park and Zoo	10.9	3.7	3.6	3.6	3.6	3.6	-	29.0
State Bikeway Development	-	-	-	2.0	2.0	2.0	2.0	8.0
State Building Demolition	-	-	0.1	0.1	0.1	-	-	0.3
State Land Acquisition - Open Space	10.1	2.4	-	1.0	1.0	1.0	1.0	16.5
Stormwater Pollution Prevention	-	-	-	1.0	1.0	1.0	-	3.0
World War II Park	1.0	1.6	-	-	-	-	-	2.6
Total	\$109.9	\$38.6	\$24.8	\$28.0	\$20.0	\$17.7	\$9.7	\$248.5

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Funds	\$13.9	\$1.3	\$1.7	\$1.7	-	-	-	\$18.6
G.O. New Referenda	-	-	-	8.5	8.5	8.5	6.5	32.0
Insurance Proceeds	-	-	-	0.1	-	-	-	0.1
P.L. 2000 Ch. 55 - Issued	3.1	0.0	-	-	-	-	-	3.1
P.L. 2004 Ch. 595 - Issued	28.2	7.5	1.6	0.2	-	-	-	37.5
P.L. 2006 Ch. 246 - Issued	12.7	1.3	-	-	-	-	-	14.0
P.L. 2010 Ch. 23 - Issued	14.4	0.3	-	-	-	-	-	14.7
P.L. 2012 Ch. 241 Issued	3.5	5.5	-	-	-	-	-	9.0
P.L. 2012 Ch. 241 Unissued	-	6.0	3.0	2.0	-	-	-	11.0
P.L. 2014 Ch. 145 - Unissued	-	5.6	6.6	8.6	6.6	5.6	-	33.0
Private Funding	-	-	2.3	-	-	-	-	2.3
RI Capital Plan Fund	34.1	11.0	9.6	6.9	4.9	3.6	3.2	73.2
Total	\$109.9	\$38.6	\$24.8	\$28.0	\$20.0	\$17.7	\$9.7	\$248.5

\$ in millions. Totals may vary due to rounding.

The Department of Environmental Management (DEM) is responsible for protecting, managing, and restoring the natural resources of the State. DEM's capital projects are designed to stimulate the State's economy by supporting tourism, commercial fishing, and outdoor recreation.

25 India Street (a.k.a. Shooters) (new)

This project involves security and landscaping improvements at 25 India Street in Providence, the former location of Shooters Waterfront Café. In 2010, voters approved a \$3.2 million bond for the purchase of the property from the United States Federal Highway Administration. When the Department took possession, the major portion of the building had been demolished; however, part of the structure remains and would be a hazard if the public gained access. The property is overgrown and the perimeter fence has been

compromised. Through this project the Department would regrade the site, repair the fence, and remove debris.

Project Status: The remaining balance of the bond fund (\$160,028) would be used for the improvements. The Department has issued a request for proposals to lease the property with the goal of establishing a local food hub. The Budget includes \$160,028 in remaining bond proceeds in FY2016 for this project.

Blackstone Valley Bike Path/State Park

This project provides funds to the Friends of the Blackstone River for improvements to areas around the Blackstone River Valley focused on enhancing river access and safety, and complimenting the State's efforts to improve this river corridor. The Friends of the Blackstone River is a non-profit organization, recognized by the Rhode Island Rivers Council and dedicated to making the Blackstone River fishable and swimmable.

Project Status: The current project funding will match funding from the United States Army Corps of Engineers to build four fish ladders. The project is currently in the feasibility/design phase. Additional projects include the Kelly House Barn, Sycamore landing meeting space, and the Slater Mill viewing platform.

The Budget provides \$1.4 million for total project costs, entirely RICAP funds, including \$98,410 in FY2016 and \$300,000 in FY2017.

Brownfield Remediation

As part of the \$53.0 million bond referendum for Clean Water, Open Space, and Healthy Communities initiative on the November 2014 ballot, the voters approved \$5.0 million in general obligation bond proceeds to provide matching grants of up to 80.0 percent of project costs to public, private, and non-profit entities for brownfield remediation projects. According to the Department, between 10,000 and 12,000 abandoned industrial sites lie idle across the State. The clean-up and re-purposing of these sites will remove hazards, attract jobs, and protect the urban environment.

Project Status: The Budget includes a total of \$10.0 million in general obligation bond proceeds for brownfield remediation, including \$1.0 million annually in FY2016 and FY2017. The \$35.0 million Green Economy general obligation bond authorization for the November 2016 ballot includes \$5.0 million for brownfields remediation. The rules for the grant program were promulgated in the summer of 2015, and grants are expected to be awarded beginning in May of 2016.

Dam Repairs

This project allows DEM to complete engineering studies, designs and repairs to "high-hazard" State-owned dams which, if they were to fail, would cause significant property damage and potential for loss of life. The State owns 10 high hazard and four significant hazard dams. During the past 10 years, the Department completed repairs to the Stillwater Dam in Smithfield, the Olney Pond Dam in Lincoln Woods, and the Bowdish Lake Dam at the George Washington Management Area.

Project Status: The Department completed design of repairs for one of the two dams within the J.L. Curran Management Area in Cranston. The construction work on the upper dam began in the spring of 2014 and was completed December 2014. The removal of the Lower Curran dam is under design with construction expected to begin in FY2017 and be completed in FY2018. The design for the reconstruction of the Wyoming Pond upper dam in Hope Valley will commence in FY2016 with construction expected to begin in FY2017. The reconstruction of the Trestle Trail culvert replacement and the Silver Spring dam reconstruction project are next on the priority list and DEM is currently requesting proposals for design of

Trestle Trail. DEM will solicit design consultants in FY17 for Silver Spring. Other dams in need of repair include the Browning Mill Pond dam in Hopkinton and Burlingame Reservoir dam in Gloucester.

Farmland Development Rights

This program enables the Department to purchase the development rights for farms in order to eliminate the economic pressure on the farmer to sell land for residential or commercial development. Since 1985, the State has purchased agricultural development rights to 98 farms, protecting over 6,500 acres for future farming. The Agricultural Preservation Commission continues to accept applications for this on-going program.

Project Status: As part of the \$53.0 million bond referendum for Clean Water, Open Space, and Healthy Communities initiative on the November 2014 ballot, voters approved \$3.0 million in general obligation bond proceeds to allow the Department to expand the program and purchase farmland, preserve the development rights thereby restricting the land to agricultural use, and transfer the property to qualified farmers. The modification to the program is intended to encourage new farming businesses or existing farmers to expand by reducing the cost of the land. If the land is sold, the proceeds will be credited back to the account for use in new projects.

Rollout of this program is contingent on the passage of legislation. The legislation has been proposed but, as of April 7, 2016, a sponsor has not yet been assigned. DEM is currently preparing rules and regulations which will be advertised for public comment after passage of the legislation. The Budget includes \$2.8 million in bond proceeds in FY2016 and \$1.0 million in FY2017.

Fish and Wildlife Maintenance Facility

The current Division of Fish & Wildlife facility at the Great Swamp Management Area is over 30 years old, is undersized, and is incapable of housing the heavy equipment and research equipment used by the Division to monitor fish and wildlife populations. This project is for the construction of a new facility.

Project Status: The Department requests funding for design work in FY2017 with project completion in FY2018. The Budget includes total project costs of \$718,253 as requested, including \$426,000 in federal funds, \$150,000 in RICAP funds, and \$142,253 in insurance proceeds from the fire at the Round Top Management Area in November 2013.

Flood Prevention

As part of the \$53.0 million bond referendum for Clean Water, Open Space, and Healthy Communities initiatives on the November 2014 ballot, voters approved a total of \$3.0 million in general obligation bond proceeds for flood prevention. The project funds project design and construction grants to public and/or non-profit entities for repairing and/or removing dams; restoring and/or improving the resiliency of vulnerable coastal habitats; and restoring river and stream floodplains. These funds are expected to leverage matching funds in support of local programs to improve community resiliency and public safety during a time of increased flooding, major storm events, and environmental degradation.

Project Status: The Budget includes \$1.0 million in general obligation bond proceeds annually in FY2016 through FY2018. The rules for the grant program are drafted and under review, with grants expected to be awarded beginning in 2016.

Fort Adams Restoration

Fort Adams was first established in 1799; and, in the 1800's, it became the most complex fortification in the Western Hemisphere. This program provides funding for renovation projects at the 80-acre historical site that serves today as an educational and cultural attraction in Newport. Proposed projects include the

restoration of the northeast officers' quarters walkway, stabilization of the masonry, and roof repairs along the west wall.

Project Status: The Budget includes \$205,626 in RICAP funds in FY2016 and \$300,000 in FY2017.

Fort Adams Sailing Improvements

This project provides improvements to Fort Adams to allow for the hosting of large scale sailing events, such as America's Cup, the Extreme Sailing Championship, and the Volvo Regatta. The Department completed the upgrades necessary to host America's Cup trials in the summer of 2012, including the installation of the electrical and water utility upgrades, parking lot re-pavement, and marine improvements, such as docks and pilings.

Project Status: The Department anticipates starting construction on the mid-park multi-use building in the summer of 2016. The mid-park building will support sailing activities by providing restrooms, storage, and meeting rooms. The Budget includes \$125,566 in RICAP funds in FY2016 and \$3.0 million in FY2017 (\$700,000 in RICAP funds and \$2.3 million in private funding). This \$10.4 million project is expected to be completed in time for the Volvo Ocean Race in 2018.

Galilee Piers and Bulkhead

The Port of Galilee is home to 170 commercial fishing vessels and provides affordable berthing spaces close to wholesale and retail seafood processing businesses. The Department has rebuilt numerous piers, as well as the southwest and northwest bulkhead since 2009. Current plans include designing and building the south bulkhead, repairing pilings, continued reconstruction of piers, reconstruction and maintenance of the facility/workshop/garage, and various electrical repairs. The Department won a \$2.7 million federal grant from the Economic Development Agency for this project. Out-year repairs include reconstruction of the 650-foot central bulkhead.

Project Status: The repairs to Pier HH and Pier PP are complete. The Budget provides \$15.4 million for this project including \$400,000 in RICAP funds in FY2016 and \$1.5 million in FY2017 (\$250,000 in RICAP funds and \$1.3 million in federal funds).

Historic State Park Development Program

If the referendum is approved by voters in November, the program would provide for major capital improvements to state-owned properties that will leverage funding from other sources such as the National Park Services' Land and Water Conservation Fund. Priority projects include renovation of the bathroom pavilion, a new golf course facility building, historic roof replacement and landscaping at Goddard Park; a new restroom facility and maintenance building at Fort Adams; restoration of the historic stone barn at Colt Park; barn replacement and a visitor center at Coggeshall Farm, restoration of the restroom facility and visitor center at Brenton Point; restoration of the historic barn at Snake Den; and barn improvements at Urban Edge Farm.

Project Status: The \$35.0 million Green Economy general obligation bond authorization for the November 2016 ballot includes \$7.0 million for historic state park development.

Historic/Passive Local Recreation Grants

DEM provides grant funding of up to 90.0 percent of project costs to municipalities to renovate and develop historic and passive recreation areas. These funds can be used to acquire, develop or rehabilitate local recreation facilities. The primary goal of this program is provide outdoor recreation opportunities to residents and visitors to the State. Funds for this program were authorized in the 2004 Open Space Bond totaling \$4.0 million and in 2012 an additional \$1.0 million.

Project Status: In FY2014, the Department awarded 18 grants totaling \$1.5 million, which were matched with \$1.3 million in local funds. Some of the projects funded included replacing historic lighting at Eisenhower Park in Newport (\$100,000), rehabilitation of Cogswell Tower in Jenks Park in Central Falls (\$100,000), and construction of two composting restrooms at Chase Farm Park in Lincoln (\$100,000). These awards obligated all the remaining grant proceeds. The Budget includes \$1.7 million in bond proceeds in FY2016 to reimburse awards made in FY2014.

Local Land Acquisitions Grants

Through this program, the Department provides funding to municipalities, local land trusts, and non-profit organizations to acquire title, development rights, or conservation easements of open space in Rhode Island. The DEM grants provide up to 50.0 percent of the purchase price and associated costs to preserve local open space that has natural, ecological, agricultural, or scenic value.

Project Status: The Budget includes \$2.4 million in bond proceeds in FY2016 and \$2.1 million in FY2017. The \$35.0 million Green Economy general obligation bond authorization for the November 2016 ballot includes \$4.0 million for local land acquisition grants.

Local Recreation Development Grants

Through this program, the Department provides matching grants of up to 50.0 percent to municipalities to acquire and develop recreation areas. Since 1988 the program has awarded over 200 grants totaling over \$34.0 million. As part of the \$53.0 million bond referendum for Clean Water, Open Space, and Healthy Communities initiative on the November 2014 ballot, voters approved \$4.0 million in general obligation bond proceeds to provide matching grants of up to 80.0 percent of project costs to municipalities to acquire, develop, or rehabilitate local recreational facilities to meet the growing needs for active recreational facilities, instead of the 50.0 percent provided by the previous program. According to the Department, the increase in State match was requested by municipalities having difficulty raising the local match. The grants cover the development of sports fields, tennis courts, and playgrounds. The grant applications are evaluated and ranked by the State Recreation Resources Review Committee, which is comprised of state and local government officials and representatives of non-profit agencies.

Project Status: In FY2014, the Department awarded 16 grants totaling \$719,925, which were matched by \$804,583 in local funds. Some of the projects included upgrades to the Roger Williams Softball Field and shade structure in Providence (\$68,000), tennis court construction in Hunter Park in Newport (\$75,000), and resurfacing of basketball courts, tennis courts, and a skateboard park at McGinn Park in North Kingstown (\$75,000). Another round of grant applications are due in May 2016 and the awards from this round are expected to exhaust the remaining grant proceeds that were approved by voters in 2014.

The Budget includes \$4.9 million in bond proceeds in FY2016 and \$1.5 million in FY2017. The \$35.0 million Green Economy general obligation bond authorization for the November 2016 ballot includes \$2.0 million for local recreation development grants.

Marine Infrastructure and Pier Development

This project is for the development of a fishing pier, boating access ramp, and public restroom facility at Rocky Point in Warwick; a fishing pier and public restroom facility at India Point in Providence; and a fishing pier at Green Lane in Middletown. Funds used for marine development and improvements are matched with federal funds, while improvements made to land assets will be used to leverage local, private, and federal funds.

Project Status: The Budget includes \$100,000 in RICAP funds in FY2016 and \$500,000 in FY2017. The design phase of this project will begin in FY2016.

Narragansett Bay and Watershed Restoration

The goal of this project is to restore and protect water quality, and enhance the economic viability and environmental sustainability of Narragansett Bay and Rhode Island's watersheds. The funds provide matching grants of up to 50.0 percent to state and local agencies and nonprofit and for-profit businesses with proposals to address environmental pollution or degradation that may have originated decades earlier. Funded activities include storm water management, nutrient load abatement, pollution abatement, and riparian buffer and ecosystem protection projects. The November 2004 ballot included \$8.5 million in bond authorization for matching grants for nonpoint source pollution abatement projects. The November 2012 ballot included an additional \$4.0 million in bond funds. The project encourages activities that may not qualify for funding from other clean water sources.

Project Status: The Budget includes \$4.8 million in bond proceeds in FY2016 and \$1.0 million in FY2017.

Natural Resources Offices/Visitor's Center

This project involves the construction of a new Natural Resources Offices/Visitor's Center to coordinate staff programming by providing office space, laboratories, storage, and workshop areas for mosquito abatement testing, the state veterinarian, and the administrative office, including the Freshwater Fisheries and Wildlife sections of the Division of Fish & Wildlife. The administrative offices are currently located in temporary quarters at the Forestry Management Headquarters in Scituate and the Freshwater Fisheries and Wildlife Departments are located in the Great Swamp Management Area in South Kingstown. Many of the facilities currently being used to house staff do not meet building code requirements. The Department had previously requested a facility be built in the Great Swamp Wildlife Management Center; however, it now believes that a facility in the Arcadia Management Area would better serve its needs.

Project Status: According to the Department, the design is complete, all permitting has been approved, and the bids are being reviewed. The Budget provides \$2.5 million in RICAP funds for this project in FY2016 and \$3.0 million in FY2017.

Newport Piers

This project supports the commercial fishing industry by making infrastructure improvements for commercial fishing facilities at the State Pier in Newport. State Pier #9 in Newport houses approximately 50 commercial fishing vessels. Over the past several years, DEM has replaced the bulkhead and pilings, renovated the parking facilities and also made landscape and drainage improvements.

Project Status: A new building with utilities and cold storage to allow fishermen to off load catch and sell it from the pier, and electrical upgrades to the pier are in the planning phase. Design and construction are scheduled to begin in FY2017. The Budget includes \$187,500 in RICAP funds in FY2017.

Recreation Facilities Improvements

The Department manages over 50 buildings and 25 miles of roads, in addition to water supply systems and other infrastructure elements, in State Parks and Management Areas. This project is for the design and construction of a new beach facility at Lincoln Woods State Park in Lincoln; the design and construction of improvements to Fisherman's Memorial Campground; the construction of a new shower/restroom facility at George Washington Campground in Gloucester; and, asset protection projects such as roof replacement, waterline connections, and roadway repair.

Project Status: The design for the Lincoln Woods facility is complete and construction underway; the Fishermen's Memorial Campground is under construction, with utility almost complete and the design out to build. The bathrooms at the George Washington Campground are under construction. The Budget includes \$7.6 million in FY2016 (\$1.3 million in bond proceeds, \$1.3 million in federal funds, and \$5.0

million in RICAP funds) and \$3.5 million in FY2017 (\$431,000 in federal funds and \$3.1 million in RICAP funds).

Rocky Point Acquisition/Renovations

Rhode Island voters approved a November 2010 ballot referendum that provided \$10.0 million in general obligation bond funding to purchase 81 acres of land in the City of Warwick. This land, the site of the former Rocky Point Amusement Park, abuts 41 acres of coastal shoreline protected through a joint effort of the City of Warwick and the Department of Environmental Management (DEM). This site will provide passive recreation activities such as picnicking, hiking, and sightseeing, as well as saltwater-based recreation such as boating, kayaking, and fishing.

Project Status: The demolition and removal of derelict buildings, the removal of debris piles and cottages, and the grading of the property were completed in the fall of 2014 and the park opened in October 2014. Project costs total \$14.0 million (\$10.0 million in bond proceeds and \$4.0 million in RICAP funds). The Budget includes \$465,987 in FY2016 (\$189,425 in bond proceeds and \$276,562 in RICAP funds) for the development of a Master Plan to provide guidance to the State and City of Warwick on appropriate uses, circulation and infrastructure development, and opportunities for public/private partnerships and phasing.

Roger Williams Park Development

This project provides for ongoing renovations and improvements to Roger Williams Park in the City of Providence. The project is funded from general obligation bonds as part of the \$53.0 million bond referendum for Clean Water, Open Space, and Healthy Communities initiative approved by voters on November 2014 ballot. The referendum provides \$15.0 million for three projects at the Zoo, including \$9.0 million to replace the Tropical Rainforest Building, \$5.0 million to replace the education center, and \$1.0 million to convert the old education center into a reptile house. The referendum also provides \$3.0 million for the construction and reconstruction of roads, bridges, sidewalks, and walkways within the Park.

Project Status: The Budget includes \$3.7 million in bond proceeds in FY2016 and \$3.6 million in FY2017.

State Bikeway Development Program

If the referendum is approved by voters in November, the program would design and construct bikeways, including the completion of the Blackstone River Bikeway, and the South County Bikeway.

Project Status: The \$35.0 million Green Economy general obligation bond authorization for the November 2016 ballot includes \$10.0 million for a state bikeway development program.

State Building Demolition (new)

The project provides for the demolition of obsolete buildings that are a hazard to the public and a liability to the State. The Department has identified 36 buildings for demolition. The buildings identified are scattered across various management areas around the State and include old cabins, houses, and garages most of which do not have working electrical or water utilities. DEM will prioritize the most hazardous structures and try to realize economy of scale by minimizing the number of contracts needed to complete the project.

Project Status: The Budget includes \$100,000 in RICAP funds annually in FY2017 through FY2019.

State Land Acquisition - Open Space

Since 1985, the State has acquired or protected more than 20,250 acres of open space through the purchase of land, development rights and conservation easements statewide. The State has adopted a goal to protect 3,000 acres annually through the land acquisition program. On average, DEM is able to leverage 75.0

percent of funding from federal and/or local sources. The November 2004 ballot included \$10.0 million, the November 2008 ballot included \$2.5 million, and the November 2012 ballot included \$2.5 million in general obligation bond funds for this program. The 2004 and 2008 bond proceeds were exhausted in FY2014.

Project Status: The Budget includes \$2.4 million in bonds proceeds in FY2016. The existing bond proceeds for this project are expected to be exhausted in FY2016 and no other funding is provided; however, the \$35.0 million Green Economy general obligation bond authorization for the November 2016 ballot includes \$4.0 million for open space acquisition.

Stormwater Pollution (new)

If the referendum is approved by voters in November, the program would provide up to 75.0 percent in matching grants to public, private or non-profit entity projects that reduce stormwater pollution. Pollution caused by the contaminants carried by storm water cause closures of beaches and shell fishing beds, as well as other degraded conditions that impair the use of rivers, lakes and coastal waters. Much of the State's developed landscape lacks proper storm water controls. The State's water quality restoration plans will provide the technical basis for prioritizing stormwater controls.

Project Status: The \$35.0 million Green Economy general obligation bond authorization for the November 2016 ballot includes \$3.0 million for stormwater pollution reduction.

World War II State Park Improvements

This project will eliminate the existing, empty pond and replace it with a splash-park. Also included in the project are upgrades to the water, sewer, storm water, and electrical systems; new curbing, walkways and landscaping; and replacement of the pedestrian bridge, benches, playground and fencing. The architectural plans are complete; however, the project had been delayed while the Department negotiated with the city to develop a plan to staff and maintain the park. The FY2015 operating budget included \$250,000 for the first year of a five-year initiative to transfer maintenance and operation of the park from the State to Woonsocket following completion of the revitalization project. Due to project delays the operating funds were pushed out and will begin in FY2016. The memorandum of understanding requires \$2.6 million in RICAP funding in FY2015 to complete the renovations.

Project Status: The groundbreaking took place in April 2015 and most of the project is complete with some minor clean-up scheduled for the spring of 2016. The Budget includes \$1.6 million in RICAP funds in FY2016.

Coastal Resources Management Council

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Coastal and Estuary Habitat Restoration Trust Fund	\$3.3	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3	\$4.8
Confined Aquatic Dredged Material Disposal Cells	-	-	0.1	0.1	0.1	0.1	-	0.4
Narrow River Salt Marsh Restoration Project	-	1.5	0.4	-	-	-	-	1.9
Rhode Island Coastal Storm Risk Study	-	-	0.5	1.6	1.5	6.8	-	10.4
Shoreline Change Special Area Management Plan	0.4	0.2	-	-	-	-	-	0.6
South Coast Restoration Project	-	3.5	2.1	-	-	-	-	5.6
Total	\$3.7	\$5.5	\$3.3	\$1.9	\$1.9	\$7.2	\$0.3	\$23.6

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Funds	\$0.1	\$4.9	\$2.5	\$1.1	\$1.0	\$6.5	-	\$16.1
Restricted Receipt Funds	3.3	0.3	0.4	0.4	0.4	0.4	0.3	5.2
RI Capital Plan Fund	0.3	0.3	0.4	0.5	0.5	0.3	-	2.4
Total	\$3.7	\$5.5	\$3.3	\$1.9	\$1.9	\$7.2	\$0.3	\$23.6

\$ in millions. Totals may vary due to rounding.

Coastal and Estuary Habitat Restoration Trust Fund

Since FY2005, the Council has received an annual appropriation of \$250,000 from a fee of \$0.05 per barrel of oil coming into Narragansett Bay collected under the Uniform Oil Spill Prevention and Response Act (OSPAR), to be disbursed by the Council as grants for habitat restoration projects. Approved projects include the construction of fish passages, removal of dams, erosion control, and habitat enhancement.

Project Status: The Trust Fund has awarded \$3.0 million for 110 projects, which has leveraged more than \$23.0 million in matching funds. In March 2016, the Council approved funding for five restoration projects, and one equipment request for RI Department of Environmental Management (RI DEM). The largest award was for the Manton Pond Dam Fishway in Johnston (\$110,873 with a \$327,542 match). Other awards included improving the fish passage at Bradford Dam (\$70,000 with a \$650,000 match) in Westerly/Hopkinton, and monitoring, assessment and development of a Rhode Island Oyster Restoration Guidance document (\$25,377 with a \$158,224 match) with DEM. The Budget includes \$250,000 annually in restricted receipts in FY2016 through FY2021.

Confined Aquatic Dredged Material Disposal Cells (new)

Confined Aquatic Disposal (CAD) cells are depressions created in the bottom of a body of water for storing contaminated sediments to reduce the risk of the sediment contaminating the entire system. Currently, there are six CAD cells below the Providence River Federal Navigation Channel in the vicinity of the Port of Providence and Simms Metals; however, these cells are reaching capacity. This project would provide for the design and construction of additional CAD cells.

Project Status: The Budget provides \$100,000 annually in restricted receipt dredging fees from FY2017 through FY2020 for the planning phase of this project. Construction is estimated to be about five years in the future.

Narrow River Salt Marsh Restoration Project

The project is designed to build up the level of the marsh land, increasing the capacity of the marsh to mitigate flooding of the surrounding area during storms and improving water quality, carbon sequestration, plant habitat, recreation fishing, and breeding and foraging for migratory birds. The United States Fish and Wildlife Service (USFWS) of the Department of the Interior requested that the Council implement and manage the project and will provide the funding.

Project Status: The \$1.9 million project is entirely federally funded, with \$1.5 million in FY2016 and the final \$370,000 in FY2017.

Rhode Island Coastal Storm Risk Study (new)

In response to Hurricane Sandy and other coastal storms, the United States Army Corps of Engineers (USACE) is investigating solutions to reduce future flood risk by developing the long-term resilience and sustainability of coastal ecosystems. The RICAP funds in this project will be used as the state share for the cost of the study being conducted by the USACE. Through the North Atlantic Coast Comprehensive Study (NACCS), the USACE identified nine high-risk areas on the Atlantic Coast for a more in-depth analysis into potential management solutions to reduce the coastal storm risk to the existing shorefront development. The study breaks Rhode Island into two planning reaches or zones. The first reach covers the Narragansett Bay area, starting at the Massachusetts border and ending at Point Judith. The second reach encompasses the south shore, including South Kingstown, Charlestown, and Westerly.

Project Status: The Budget provides \$10.4 million in total project costs, including \$1.5 million in RICAP funds and \$8.9 million in federal funds. In FY2017, the Budget provides \$150,000 in RICAP funds and \$300,000 in federal funds.

Shoreline Change Special Area Management Plan (SAMP)

The CRMC is developing a new Shoreline Change (Beach) Special Area Management Plan (SAMP) to provide a comprehensive approach to address erosion issues along the Rhode Island shoreline. It is the position of the CRMC that climate change is a significant issue for Rhode Island raising concerns about sea level rise, increased storm surge damage, displacement of natural and physical shoreline uses, and coastal erosion. The SAMP is intended to provide practical, science-based tools and techniques for protecting and developing shoreline assets that are vulnerable to erosion and flooding caused by storm surge and sea level rise.

Project Status: The Budget includes \$600,000 for this project, including \$300,000 in RICAP funds and \$300,000 in federal funds. There is \$206,373 in FY2016 to complete the project, including \$1,626 in RICAP funds and \$204,747 in federal funds.

The CRMC entered into a cooperative agreement with the University of Rhode Island and is working to generate the following deliverables:

- *Future shoreline change maps*
- *Sea level rise inundation maps (completed)*
- *Storm surge overlays (completed)*
- *Identify areas at risk, and*
- *Develop new policies for coastal resiliency.*

South Coast Restoration Project

In partnership with USFWS, the CRMC will dredge portions of the Ninigret Pond and spray the material over the salt marsh to slowly raise the level of the salt marsh vegetation. The goal is to help the marsh adapt more quickly to future sea level rise, reduce erosion, and mitigate flooding of the area during future storm surges.

The project also addresses the dredging maintenance for the three breachways. The project cost agreement with the ACOE for the work on Ninigret and Winnapaug ponds requires Rhode Island to remove sediment buildup within and through the deltas of each pond so that the improved habitats can remain productive.

Pursuant to the agreement, the maintenance dredging, not associated with the restoration of the salt march, continues to require state funding.

This project was previously funded by the Army Corp of Engineers (ACOE) and was focused primarily on habitat and eelgrass restoration in Winnapaug, Quonochontaug, and Ninigret Ponds. When Hurricane Sandy hit the Rhode Island shore, the ACOE received sufficient funding to partially restore Winnapaug Pond; however, not enough funding to remove the sediment deposited by the storm into the previously restored Ninigret pond. The ACOE is no longer funding this project and the focus has shifted.

This project is now funded by the Department of the Interior-United State Fish and Wildlife Service (USFWS) and the Department of Agriculture-Natural Resources Conversation Services (NRCS), which received federal funding for projects that address the effects of Hurricane Sandy. As a result, these federal agencies sought the expertise of the CRMC to manage projects for Winnapaug, as requested by the NRCS, and Ninigret ponds, as requested by the USFWS. Property owners adjacent to Quonochontaug Pond are working to raise private funds to restore the pond and the USFWS project for Ninigret will yield strategies to help in this and other restoration projects.

Project Status: The Budget includes \$4.0 million in FY2016, including \$321,775 in RICAP funds and \$3.2 million in federal funds, and \$2.1 million in FY2017 to complete the project, including \$260,657 in RICAP funds and \$1.9 million in federal funds.

Rhode Island Infrastructure Bank

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Clean Water State Revolving Loan Fund	\$1,209.0	\$173.3	\$74.8	\$62.8	\$60.6	\$57.8	\$70.8	\$1,709.1
Drinking Water State Revolving Loan Fund	361.9	29.6	29.5	29.4	29.4	29.4	29.4	538.7
Municipal Road & Bond Revolving fund	18.8	6.4	-	-	-	-	-	25.2
R.I. Water Pollution Control Revolving Fund	4.0	0.2	0.2	0.2	0.2	1.1	0.2	5.9
RI Water Quality Protection Charge Program	0.2	0.9	0.9	0.9	0.9	0.9	0.9	5.6
Total	\$1,594.0	\$210.3	\$105.4	\$93.2	\$91.1	\$89.2	\$101.2	\$2,284.5

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Agency Funds	\$3.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$3.5
Environmental Protection Agency - Federal	345.9	28.3	19.3	19.3	19.2	19.2	19.2	470.3
Federal Stimulus Funding	22.9	-	-	-	-	-	-	22.9
Interest Earnings	2.4	0.1	0.1	0.1	0.1	0.1	0.1	2.7
Other Funds	15.5	7.3	0.9	0.9	0.9	0.9	0.9	27.3
P.L. 2012 Ch. 241 Issued	7.1	3.8	-	-	-	-	-	10.9
P.L. 2012 Ch. 241 Unissued	-	1.9	3.7	2.9	0.6	-	-	9.1
P.L. 2014 Ch. 145 - Unissued	-	10.0	10.0	-	-	-	-	20.0
Revenue Bonds	1,032.8	131.8	52.8	51.3	50.8	49.0	61.5	1,430.0
Revolved Capitalization Grants	163.9	27.2	18.6	18.8	19.6	20.1	19.6	287.7
Total	\$1,594.0	\$210.3	\$105.4	\$93.2	\$91.1	\$89.2	\$101.2	\$2,284.5

\$ in millions. Totals may vary due to rounding.

The Rhode Island Infrastructure Bank (RIIB) is a quasi-public corporation that provides low-interest loans to municipalities, drinking water suppliers, sewer commissions, and wastewater management commissions through the use of State Revolving Fund (SRF) programs. The 2015 General Assembly created the RIIB by expanding the mission of the Clean Water Finance Agency to include financing for energy programs and brownfield remediation. The original Clean Water Finance Agency administered four SRF programs – the Clean Water SRF, the Safe Drinking Water SRF, the Rhode Island Water Pollution Control Revolving Fund, and the Municipal Road and Bridge Revolving Fund. Each SRF program, except the Municipal Road and Bridge Revolving Fund, is designed to leverage federal capital which increases the amount of money available to borrowers.

The expanded RIIB adds four new SRF programs, the Water Quality Protection Charge Fund, the Efficient Buildings Fund, the Brownfields Fund, and the Commercial and Residential Property Assessed Clean Energy (PACE) Funds. The RIIB may also provide low-interest loans to school districts through the Efficient Buildings Fund.

Clean Water State Revolving Fund (SRF)

The Clean Water State Revolving fund was authorized in 1987 by Title VI of the federal Clean Water Act to provide subsidized loans for municipalities to finance wastewater infrastructure projects. Projects eligible to receive financing from the SRF include capital improvements to water pollution control facilities, landfill closures, septic system repairs or replacement, and programs dedicated to estuary protection. Municipalities repay the loans over twenty years and receive an interest rate at least one-third below market. The Agency recycles, or revolves, the loan repayments into new loans.

The SRF is capitalized by federal Environmental Protection Agency (EPA) grants, with the State providing a 20.0 percent match, generally through general obligation bond proceeds. Other funding is available from CWFA revenue bonds and revolved capital. Projects eligible for Clean Water SRF financing must meet EPA and Rhode Island Department of Environmental Management (DEM) requirements.

Project Status: As of FY2014, 29 communities, Providence Water, the Rhode Island Airport Corporation, and the Narragansett Bay Commission have received \$1.1 billion in subsidized loans from the SRF, which has funded over 300 design and construction projects. Presently, DEM has identified \$1.1 billion wastewater infrastructure projects in its FY2016 Project Priority List. The Budget provides \$173.3 million in FY2016 and \$74.8 million in FY2017.

Drinking Water State Revolving Fund (SRF)

The Drinking Water State Revolving Fund (SRF) was established in 1996 when Congress authorized EPA grants to capitalize state revolving funds to finance public drinking water projects. As required by the federal government, the fund targets small water suppliers serving populations less than 10,000 and where system improvements financed at full market value would significantly increase water rates paid by consumers. The SRF provides 20-year term subsidized loans (at a rate at least 25.0 percent below market) for eligible projects that include the planning, design, and construction of public drinking water supplies. The Agency charges a 3.0 percent interest rate to small borrowers on amounts up to \$300,000. In addition, 2.0 percent of the federal capitalization grant is available to the Agency for administrative expenses. (An additional 2.0 percent is transferred to the Department of Health for administrative costs.)

The Department of Health prioritizes projects based on health and financial criteria. The EPA capitalization grants and state match of 20.0 percent fund this program. Other funding is available from CWFA revenue bonds and revolved capital. As with the Clean Water SRF, the fund is perpetual because loan repayments from earlier borrowers, combined with earned interest income, become the source of funds for subsequent borrowers.

Project Status: To date, the Drinking Water SRF has loaned over \$386.0 million to communities and water systems for drinking water projects. The Department of Health's project priority list for FY2016 identifies over \$169.0 million in project need. The Budget includes \$29.6 million in FY2016 and \$29.5 million in FY2017.

Rhode Island Water Pollution Control Revolving Fund (RIWPCRF)

The state capital contributions are deposited into the Rhode Island Water Pollution Control Revolving Fund (RIWPCRF) and transferred to provide the appropriate match amount to the Clean Water SRF and the Drinking Water SRF. The fund can make loans, issue bonds, and receive interest earnings and other capital from both private and public sources (revenue bonds). The RIWPCRF may be used to fund loans that do not meet the exacting requirements of the CWSRF and the Federal Clean Water Act, including loans through the Facility Plan Loan Program and the Sewer Tie-In Loan Fund. DEM must approve all projects financed from the fund; the EPA must receive notification of all loans.

Project Status: The Budget provides \$150,000 annually in FY2016 and FY2017.

Water Quality Protection Charge Fund (new)

This program provides low-cost financing for land acquisition to protect watershed areas and other projects as requested by the water suppliers. The funding for this program is provided from the water quality protection charge imposed on each supplier. These funds previously went to the Water Resources Board (WRB) Corporation. When the WRB Corporation was dissolved in FY2015, pursuant to RIGL 46-15.1-22 its existing functions and duties were transferred to RIIB.

Pursuant to RIGL 46-15.3, the revenue collected from the surcharge must be used protect the quality and safety of the public supply of water. At least 55.0 percent of the revenues must be used to acquire land or rights in land, or to improve acquired land. The remaining 45.0 percent may be used to directly protect the

quality and safety of public drinking water supply. Funds from the water quality protection charge may not be used to extend service lines or expand system capacity.

Project Status: RIIB is developing the policies and procedures for the new program and intends to start funding projects in the spring of 2016. The Budget includes \$900,000 in estimated revenues annually in FY2016 through FY2021.

Municipal Road and Bridge Revolving Fund

Article 20 of the FY2014 Budget as Enacted created the “Municipal Road and Bridge Revolving Fund” (Fund). The revolving fund is administered by the RIIB for projects approved and prioritized by the Rhode Island Department of Transportation (RIDOT). The FY2014 Budget as Enacted transferred \$7.0 million of bond premium proceeds derived from the sale of 2013 general obligation bonds from the Rhode Island Capital Plan Fund (RICAP) to capitalize a Municipal Road and Bridge Revolving Fund. The FY2014 Revised Budget increased this amount by \$3.3 million, for a total of \$10.3 million. The FY2015 Budget included an additional \$5.0 million in funding made available from the sale of Tobacco Settlement Bonds, and RIIB will contributed \$3.5 million from its board designated administrative fund to capitalize this program in FY2015.

These funds are available for municipalities to borrow for road and bridge projects. Loans began in FY2014, and future capitalizations combined with the revolved funds, including interest payments, allow state-sponsored financing on an ongoing basis. RIDOT developed a project priority list based on 6 criteria:

- The extent to which the project generates economic benefits.
- The extent to which the project would be able to proceed at an earlier date.
- The likelihood the project will provide mobility benefits.
- The cost effectiveness of the project.
- The likelihood that the project will increase safety.
- The readiness of the project to proceed during the next calendar year.

Project Status: The Budget does not include any additional funding for the Municipal Road and Bridge Fund; however, RIIB indicates that it has \$6.8 million in funding available for projects in FY2016 and FY2017. To date, RIIB has approved applications from 15 municipalities for road and bridge projects as follows:

Municipal Road and Bridge Fund

Borrower	Program Year	Amount Requested	Amount Borrowed	Loan Outstanding	Credit Limit Remaining
East Providence	2014	\$1,215,000	\$1,215,000	\$1,103,000	\$0
Newport	2014	4,000,000	1,500,000	1,358,000	-
Warwick	2014	1,600,000	1,600,000	573,377	960,623
Burrillville	2014	680,000	680,000	90,555	589,445
New Shoreham	2014	255,000	255,000	173,469	65,531
***Westerly	2014	625,000	225,000	14,906	210,094
Pawtucket	2014	7,000,000	3,500,000	3,361,610	390
Cumberland	2014	500,000	500,000	345,899	133,101
Coventry	2014	340,000	340,000	294,109	13,891
West Warwick	2015	150,515	150,515	4,905	144,610
Bristol	2015	500,000	500,000	328,615	170,385
Hopkinton	2015	253,000	253,000	175,967	76,033
Pawtucket	2015	5,000,000	5,000,000	3,476,384	1,522,616
East Greenwich	2015	2,000,000	2,000,000	1,484,388	514,612
Coventry	2015	900,000	900,000	53,053	845,948
TOTAL		\$25,018,515	\$18,618,515	\$12,838,239	\$5,247,276

*** \$400,000 turned back from Westerly

Efficient Buildings Fund (new)

The Efficient Buildings Fund (EBF) is a revolving fund designed to provide municipalities, schools, and state entities with low-cost financing for energy efficiency and renewable energy projects. The EBF will be managed by RIIB and funds will be distributed based on the project priority list developed by the Office of Energy Resources (OER). The OER will solicit, select, and rank projects for funding. Projects for school renovations will be coordinated with the Department of Elementary and Secondary Education; however, such projects are not eligible for school housing aid. For any project funded through this program, the obligations of the local government cannot exceed the projected energy savings of the project.

The EBF was capitalized with a one-time transfer from the Regional Greenhouse Gas Initiative (RGGI) (\$3.0 million), Qualified Energy Conservation Bonds (QECDs) (\$10.9 million), unused American Recovery and Reinvestment Act funds from CommerceRI (\$2.0 million), and the Energy Efficiency Program funded from the utility system benefits charge (SBC) (\$1.8 million). The SBC funding will sunset in 2029.

Project Status: RIIB and OER have finalized the rules and regulations for the program. The OER and RIIB have received over \$60.0 million in renewable energy and efficiency projects from 27 applications from 16 borrowers.

Commercial PACE Fund (new)

The Property Assessed Clean Energy (PACE) program is a financing mechanism that allows property owners to access affordable, long-term financing of generally 10 to 20 years for energy upgrades on their property. The upgrades are funded through a special property assessment and paid through the owners' property tax bill. Unlike a loan, when a transfer of ownership of the property takes place, the PACE assessment obligation stays with the property, not the property owner. Previously, the State had a residential PACE program within the Office of Energy Resources (OER); however, the program was never launched. Due to the need for financing expertise, the program was moved to RIIB. The program was also expanded to include commercial properties.

Modeled after programs in Connecticut and Colorado, the program will be implemented and the rules and regulations promulgated through RIIB; however, the ongoing administration, financing, and marketing of the program will be outsourced to third party administrator(s).

Project Status: RIIB is coordinating an implementation workgroup consisting of RIIB, the Office of Energy Resources, the Acadia Center, and National Grid to develop the rules and regulation for the program. A request for proposals for a third-party administrator was issued in September 2015 and a program administrator was chosen in November 2015. The program is on schedule to launch in April or early May 2016.

Residential PACE Fund (new)

The Property Assessed Clean Energy (PACE) program allows property owners to access affordable, long-term financing for energy upgrades on their property. The program provides financing for energy upgrades through a special property assessment paid through the owners' property tax bill. Unlike a loan, when a transfer of ownership of the property takes place, the PACE assessment obligation stays with the property, not the property owner. Previously, the State had a residential PACE program within the Office of Energy Resources (OER); however, the program was never launched. Due to the need for financing expertise, the program was moved to RIIB. The program was also expanded to include commercial properties.

Modeled after programs in Connecticut and Colorado, the program will be implemented and the rules and regulations promulgated through RIIB; however, the ongoing administration, financing, and marketing of the program will be outsourced to third party administrator(s).

Project Status: RIIB is coordinating an implementation workgroup consisting of RIIB, the Office of Energy Resources, the Acadia Center, and National Grid to develop the rules and regulation for the program. A request for proposals for a third-party administrator was issued in September 2015. RIIB decided to delay the implementation of this program to wait for the Federal Housing Finance Agency (FHFA) to issue guidance on the treatment of PACE loans under Fannie Mae. RIIB would also like to issue another RFP for a program administrator in hope of receiving stronger responses. Finally, RIIB is looking more closely at the program structure as it relates to both the Connecticut and California models. RIIB anticipates launching the program in FY2017.

Brownfields Fund (new)

The Brownfields Revolving Fund program provides low-cost financing to individuals, corporations, municipalities, or State entities for brownfields remediation projects. The Department of Environmental Management (DEM), in consultation with the Rhode Island Commerce Corporation (Corporation), will promulgate rules and regulations for project evaluation and the application process. Upon issuance of a project priority list by DEM, the RIIB will award financial assistance. RIIB will submit an annual report on its fiscal-year activities to the Governor, the Speaker of the House, the President of the Senate, and the Secretary of State.

Project Status: The Department of Environmental Management (DEM), in consultation with the Rhode Island Commerce Corporation (Corporation), is in the process of promulgating rules and regulations for project evaluation and the application process. RIIB is in the process of developing forms for the financial assistance applications, loan agreements and other instruments. RIIB and DEM applied for a United States Environmental Protection Agency (EPA) Brownfields Capitalization grant in November 2015 and hope to hear about an award in May or June 2016.

Narragansett Bay Commission

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Combined Sewer Overflow Phase II	\$163.9	\$9.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$173.0
CSO Interceptor Maintenance Construction	5.7	4.9	9.3	1.4	6.9	4.7	4.8	37.7
Phase III CSO Facilities	4.3	2.2	12.2	9.4	12.0	5.3	65.4	110.8
Sewer System Improvements & Maintenance	5.7	0.0	0.6	0.5	0.2	0.3	0.1	7.4
Wastewater Treatment Facilities	123.2	17.6	17.9	3.1	0.5	0.5	-	162.7
Total	\$302.7	\$33.9	\$39.9	\$14.4	\$19.6	\$10.8	\$70.3	\$491.7

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Other Funds	\$302.7	\$33.9	\$39.9	\$14.4	\$19.6	\$10.8	\$70.3	\$491.7
Total	\$302.7	\$33.9	\$39.9	\$14.4	\$19.6	\$10.8	\$70.3	\$491.7

\$ in millions. Totals may vary due to rounding.

The Narragansett Bay Commission (NBC) is a public corporation of the State of Rhode Island created in 1980 and charged with correcting and minimizing pollution discharge into the Upper Bay. The NBC is authorized to acquire, operate and improve the Providence wastewater collection and treatment facilities. On January 1, 1992, the former Blackstone Valley District Commission (BVDC) was merged into the NBC, expanding the service area to include the cities of Pawtucket, Central Falls, and parts of the towns of Cumberland, Lincoln, Smithfield, and the City of East Providence.

The merger consolidated the service areas of the two largest wastewater treatment facilities in Rhode Island. The Field's Point plant serves NBC's original district and provides secondary treatment for average dry weather flows of up to 65.0 million gallons per day (MGD). The Bucklin Point facility serves the area formerly served by the BVDC and treats average dry weather flows of 23.0 MGD. These two treatment plants serve ten Rhode Island communities and include approximately one-third of the State's population. The NBC also owns, operates and maintains an extensive infrastructure of interceptors, pump stations, tide-gates, and combined sewer overflows.

The NBC is governed by a 19-member Board of Commissioners (Board) and is regulated by the Rhode Island Public Utilities Commission (PUC). Any changes to sewer charges on residential, industrial or commercial users must be approved by both the Board and the PUC. User charges support NBC's existing debt and future debt, as well as its operating and maintenance costs. The average annual residential rate has increased by \$115, or 32.4 percent, from FY2011 to FY2016. The rates have increased to reflect a reduction in the number and size of non-residential meters as well as to reflect lower consumption. The rates have also increased due to the debt incurred for the capital improvement plan.

Comprehensive CSO Program - Phase II

This project is the second of three phases of the federally-mandated Combined Sewer Overflow (CSO) Abatement Program required as part of the Consent Agreement between the NBC and the Rhode Island Department of Environmental Management (RIDEM). During periods of heavy rain, the increased flow through the combined sections of NBC's collection system can exceed the capacity of the system, resulting in untreated wastewater and storm water entering rivers and Narragansett Bay.

Phase I involved 12 separate projects and included the construction of one tunnel, one pump station, seven drop shafts, gate and screening structures, and a screening building. Phase II consists of 14 construction projects, including the construction of two interceptors in the Field's Point service area to convey flows from combined sewer overflows in Providence along the Seekonk and Woonasquatucket Rivers to the Main Spine Tunnel constructed in Phase I. The proposed length of the Woonasquatucket Interceptor is approximately 18,200 feet. The proposed length of the Seekonk CSO Interceptor is 8,000 feet. This phase also includes two sewer separation projects in Providence which will separate the sanitary flow from the storm water flow. A wetlands treatment facility in Central Falls will also be constructed.

Project Status: The design of the CSO Phase II facilities was completed in September 2010 (\$18.7 million) and construction is expected to be completed in FY2016 (\$190.7 million). All related debt service for the Phase II CSO project is funded by NBC user charges. The Budget provides \$9.1 million in FY2016 to complete the project.

CSO Interceptor Maintenance/Construction

Interceptor repair and construction projects result from NBC's inspection and cleaning of sewer pipes and emergency situations. This ongoing project funds any necessary repairs and construction to restore carrying capacity of the NBC sewers and reduce CSO discharge volumes.

Project Status: As inspections continue, specific interceptor repair and construction projects will be identified. The Budget includes \$4.9 million in NBC funds in FY2016 and \$9.3 million in FY2017.

Comprehensive CSO Program - Phase III

The CSO Phase III Facilities are the third and final phase of the federally-mandated CSO Abatement Program required as part of the Consent Agreement between the NBC and the Rhode Island Department of Environmental Management (RIDEM). This phase includes the construction of a 13,000 foot tunnel in Pawtucket along the Seekonk and Blackstone Rivers which will store flows from three CSO interceptors totaling 14,500 feet and two sewer separation projects. Flows from this tunnel will connect to the Bucklin Point Waste Water Treatment Facility for treatment.

Project Status: Phase III was re-evaluated as a result of the recent federal Environmental Protection Agency (EPA) guidance document of affordability, to review water quality improvements resulting from Phase I, and also to consider new technologies, primarily green infrastructure, for CSO mitigation. The re-evaluation report was submitted to the Rhode Island Department of Environmental Management (DEM) for review and approval on June 30, 2015. This process is expected to take about six months.

The Budget includes \$2.2 million in NBC funds in FY2016 and \$12.2 million in FY2017.

Sewer System Improvement/Maintenance

This project provides funding for general sewer system improvements, such as pumping station upgrades and site studies.

Project Status: The largest project is the floatable control facilities for the three largest Phase III overflows (\$5.5 million). Other projects include system-wide facilities planning to determine if there is adequate sewer capacity for the next twenty years and if there is any excessive infiltration into the interceptors (\$511,000); and for the evaluation and clearing of the Abbott Valley Interceptor easements across private property in Cumberland to ensure the easements are sufficient to maintain the system (\$1.4 million). Similar easement surveys are planned for the East Providence area and the Blackstone Valley. The Budget includes \$43,000 in NBC funds in FY2016 and \$624,000 in FY2017.

Wastewater Treatment Facility

NBC is currently required to attain a total seasonal nitrogen limit of 5 mg/l from May to October at both the Field's Point and Bucklin Point Wastewater Treatment Facilities; consequently, upgrades are needed at both of these facilities to meet the nitrogen limit. The Rhode Island Department of Environmental Management sets the nitrogen limit through the Rhode Island Pollutant Discharge Elimination System (RIPDES), the authority for which is delegated to the State from the federal program. Other projects include the design and construction of a Regulatory Compliance Building to house the Environmental Monitoring and Data Analysis program and laboratory section of the NBC (\$24.2 million), and a biogas reuse project at Bucklin Point for the generation of heat and electricity at the treatment facility (\$6.1 million).

Project Status: For FY2017 three new projects were added to work toward the required nitrogen limits. A fourth new project was added to provide flood protection at Bucklin Point from the hundred year storm. The Budget includes \$17.6 million in NBC funds in FY2016 and \$17.9 million in FY2017.

Rhode Island Resource Recovery Corporation

Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Fiber Bailer and Conveyor Replacement	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1.5	\$0.0	\$1.5
MRF Boiler Replacement	-	-	0.1	-	-	-	-	0.1
MRF Building Addition	-	-	-	-	-	1.2	-	1.2
MRF Emergency Generator	-	-	0.2	-	-	-	-	0.2
MRF Fiber Storage Bunkers	-	-	-	-	-	0.8	-	0.8
MRF Fire Alarm System and Wiring	-	-	0.3	-	-	-	-	0.3
MRF Roof Replacement	-	0.3	-	-	-	-	-	0.3
Phase VI Construction	15.1	12.3	7.8	7.3	8.2	5.6	6.8	63.1
Resurface Parking Areas	-	-	-	-	0.2	-	-	0.2
Total	\$15.1	\$12.6	\$8.4	\$7.3	\$8.4	\$9.1	\$6.8	\$67.6
Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
RRC Operating Funds	\$15.1	\$12.6	\$8.4	\$7.3	\$8.4	\$9.1	\$6.8	\$67.6
Total	\$15.1	\$12.6	\$8.4	\$7.3	\$8.4	\$9.1	\$6.8	\$67.6

\$ in millions. Totals may vary due to rounding.

The Rhode Island Resource Recovery Corporation (RIRRC) operates a statewide system of solid waste management which includes waste prevention programs, recycling programs, the disposal of household hazardous waste, and the Central Landfill in Johnston. The goal of the solid waste management system is twofold: minimize the amount of waste generated and deposited in the landfill, and maximize the amount of waste recycled and reused. Also located at the Johnston site is the Materials Recycling Facility (MRF), the construction and demolition waste processing facility, the Eco-Depot household hazardous waste collection center, the landfill gas power generation plants, and the RIRRC's administrative offices.

During the 2012 session, the General Assembly provided debt authorization of up to \$40.0 million in revenue bonds for costs related to the design and construction of a leachate pretreatment facility as well as capitalized interest, debt service, and costs of issuance. Bond proceeds fund the leachate pretreatment facility construction, the Rhode Island Pollution Discharge Elimination System (RIPDES) treatment system, the Brook Street electrical upgrade, the leachate sewer line and pump station, and the leachate storage tanks.

Fiber Bailer and Conveyor Replacement (new)

This project replaces the 12-year-old bailer and inclined conveyor. The machines are essential to the recycling process and are nearing the end of their useful life.

Project Status: The Budget includes \$1.5 million in operating funds for the new bailer and conveyor in FY2020.

Materials Recycling Facility Boiler Replacement

The RIRRC proposed to use operating funds to replace the existing boiler with a high efficiency natural gas boiler and hot water heater.

Project Status: The Budget includes \$134,000 in RIRRC operating funds to replace the boiler in FY2017.

Materials Recycling Facility Building Addition (new)

RIRRC plans to add approximately 4,000 square feet of space on the north side of the Material Recycling Facility and install docks on the east side of the building. The additional space is needed for the increased production and functionality of the facility.

Project Status: The Budget includes \$1.2 million in operating funds for the building addition in FY2020.

Materials Recycling Facility Emergency Generator

The RIRRC is replacing the current, aging emergency backup generator at the Materials Recycling Facility (MRF) with a larger unit to allow comingled recyclables to be baled for storage and processed at a later date. The emergency generator is used to ensure a continued supply of recyclable goods to RIRRC's vendors.

Project Status: The Budget includes \$200,000 in RIRRC operating funds to replace the emergency generator in FY2017.

Materials Recycling Facility Fiber Storage Bunkers

This project is to replace the fiber storage bunkers used for the storage of newspaper, mixed paper, and cardboard. The current fiber storage bunkers are reaching the end of their useful life and repairs are no longer feasible. The RIRRC proposes to replace the bunkers in FY2018.

Project Status: This is a new project. The Budget includes \$800,000 in RIRRC operating funds to replace the fiber storage bunkers in FY2020.

Materials Recycling Facility Fire Alarm System

The Johnston Fire Department recommended upgrading the current analog fire alarm system to a digital, addressable system. The digital system will be programmed to send notification of problems or alarms on specific devices, such as a smoke detector, instead of just indicating a problem without providing specific information. Also, the alarm system will be rewired to provide a safety alert to notify of problems in the wiring circuits and devices in the equipment loop.

Project Status: The Budget includes \$250,000 in RIRRC operating funds to upgrade the fire alarm system in FY2017.

Materials Recycling Facility Roof Replacement

This project replaces the 40,000 square foot roof with thermoplastic polyolefin (TPO) membrane and skylights. The roof is over 26-year-old roof and leaks during heavy rain and when accumulated snow melts. The water penetrating the roof is damaging the interior of the building and equipment, as well as creating slip hazards when the water pools on the concrete floor.

Project Status: The Budget includes \$275,000 in RIRRC operating funds to replace the roof in FY2016.

Phase VI Construction

The Central Landfill has undergone a series of phased expansions since it opened in 1974. The RIRRC has closed and capped Phases 1, 2, and 3, but continues post closure maintenance and monitoring of these phases in accordance with EPA requirements. The RIRRC reached full capacity of Phase 4 in FY2011 and capping was completed in July 2014. Phase 5 is the current, primary operating phase that went into operation in 2005 and is expected to reach capacity in 2016. Phase 6, the final stage, is the eastern expansion of the Central Landfill and is expected to provide space for solid waste disposal through 2031. The project includes \$34.5 million to demolish and relocate existing RIRRC facilities that are in the path of the expansion. The facilities include the administration building, garage and scale houses; however, the demolition is outside the current five-year capital plan.

Project Status: The first cell of Phase 6 became operational in January 2016, the year in which Phase 5 is expected to reach capacity. In FY2015, RIRRC conducted an in-depth analysis of the project and updated project costs accordingly. Also, since construction began in July 2014, RIRRC has real costs to use for projections. The Budget provides \$12.3 million in corporation operating funds in FY2016 and \$7.8 million in FY2017.

Resurface Parking Areas (new)

This project resurfaces and re-stripes the parking area in front of the Materials Recycling Area.

Project Status: This is a new project. The Budget includes \$150,000 in RIRRC operating funds to resurface the parking lot in FY2019.

Department of Transportation

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
East Providence Facility Relocation	\$4.8	\$0.1	-	-	-	-	-	\$4.9
Fixed Guideway (Commuter Rail)	33.4	46.5	28.1	17.4	15.7	16.2	16.2	173.5
Highway Improvement Program	1,894.2	346.9	389.8	395.3	391.2	380.9	356.6	4,154.9
Maintenance - Capital Equipment Replacement	9.5	6.0	4.5	5.0	5.0	5.0	5.0	40.0
Maintenance Facility Improvements	4.4	0.6	0.4	0.4	0.4	0.4	0.4	7.0
Mass Transit Hub Infrastructure	0.7	0.5	14.5	14.5	14.5	-	-	44.7
Portsmouth Facility	0.7	0.5	3.5	1.3	-	-	-	6.0
Rhode Works	-	60.7	115.3	158.2	120.2	75.9	75.9	606.2
Routes 6 and 10 Highway Reconstruction	-	-	20.0	100.0	150.0	190.0	190.0	650.0
Salt Storage Facilities	8.4	1.0	1.0	1.0	1.0	1.0	1.0	14.4
Train Station Maintenance and Repairs	0.1	0.4	0.4	0.4	0.4	0.4	0.4	2.2
Total	\$1,956.1	\$463.2	\$577.5	\$693.5	\$698.4	\$669.7	\$645.5	\$5,703.9

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Highway Administration	\$915.0	\$214.3	\$221.5	\$236.0	\$205.9	\$200.7	\$200.8	\$2,194.2
Federal Highway Funds - Debt Service	241.9	16.0	27.7	27.7	58.2	64.2	65.1	500.8
Federal Stimulus Funding	7.7	17.0	5.4	-	-	-	-	30.2
Federal Transit Administration	23.0	14.5	16.3	12.4	58.6	108.6	108.6	342.2
GARVEE Bonds	498.4	54.4	109.6	100.0	50.0	-	-	812.5
GARVEE Residual Earnings	19.9	0.7	0.5	-	-	-	-	21.1
Gas Tax	2.5	3.0	2.0	3.2	2.5	2.5	2.5	18.2
Gas Tax Proceeds - Debt Service	35.8	7.2	6.9	6.9	6.9	6.9	6.9	77.3
Land Sale Revenue	8.0	11.8	15.8	10.8	6.3	1.0	1.0	54.6
Massachusetts Bay Transit Authority	0.0	0.3	1.6	0.9	0.6	0.6	0.6	4.5
Offset to Avoid Double Counting	(0.2)	-	-	-	-	-	-	(0.2)
Other Funds	-	3.5	49.4	129.0	131.5	122.0	97.0	532.4
Other Highway Funds	0.2	-	-	-	-	-	-	0.2
P.L. 1998 Ch. 31 - Issued	4.1	-	-	-	-	-	-	4.1
P.L. 2002 Ch. 65 - Issued	1.7	0.1	-	-	-	-	-	1.8
P.L. 2004 Ch. 595 - Issued	2.6	1.1	1.3	-	-	-	-	5.0
P.L. 2008 Ch. 100 - Issued	2.6	0.9	-	-	-	-	-	3.6
P.L. 2010 Ch. 23 - Issued	76.3	3.7	-	-	-	-	-	80.0
P.L. 2014 Ch. 145 - Unissued	-	0.5	10.0	10.0	14.5	-	-	35.0
Private Funding	-	10.0	-	-	-	-	-	10.0
RI Capital Plan Fund	74.5	46.8	33.7	32.0	31.5	31.5	31.5	281.4
State Fleet Replacement Fund	2.5	1.0	-	-	-	-	-	3.5
Toll Revenue	-	-	-	38.0	44.8	44.8	44.8	172.4
Vehicle Registration Fees	39.6	56.3	75.8	86.5	87.1	87.0	86.8	519.0
Total	\$1,956.1	\$463.2	\$577.5	\$693.5	\$698.4	\$669.7	\$645.5	\$5,703.9

TRANSPORTATION IMPROVEMENT PROGRAM

The Transportation Improvement Plan (TIP), a program monitored and adopted by the State Planning Council, establishes priorities for planning, design, and project implementation. Federal regulations require states and metropolitan areas to undertake an extensive public planning process, resulting in an eligible project list (the TIP) as a prerequisite for receipt of federal highway funds. No highway project can utilize federal funds unless it appears in an approved TIP. The State Planning Council approved a new four-year TIP in July 2012. Priorities emphasized in the TIP include completion of major projects, bridge rehabilitation, preventative maintenance, safety, and congestion relief and environmental quality. The State Planning Council is in the process of developing and approving a 10-Year TIP.

The following table shows the TIP by category, as approved by the State Planning Council, from FY2013 through FY2016.

Project Category	FY2013	FY2014	FY2015	FY2016	Total
Major Projects	\$109.4	\$78.4	\$74.4	\$72.6	\$334.8
Bridge	39.5	41.5	41.8	46.0	168.8
Traffic Safety	30.5	30.5	33.5	30.5	125.0
Pavement Management	26.8	31.0	30.0	30.0	117.8
Highway	39.4	26.8	22.3	11.5	100.0
Interstate	13.5	12.5	15.5	18.0	59.5
Enhancement/Planning/Study	11.3	11.3	11.3	11.3	45.2
CMAQ ¹	10.3	10.3	10.3	10.3	41.2
Administrative	9.1	9.1	9.1	9.1	36.4
Bicycle/Pedestrian/CMAQ ¹	12.4	9.1	5.1	5.1	31.7
Rail - Transit	40.5	44.9	50.8	47.7	183.9
Total	\$342.7	\$305.4	\$304.1	\$292.1	\$1,244.3

\$ in millions.

¹Congestion Mitigation and Air Quality Improvement (CMAQ) Program.

Analyst's Note: The Highway Improvement Plan (HIP) shows the project funding on a state fiscal year basis (July 1 through June 30); whereas the TIP lists funding required at the time of a project authorization by federal fiscal year (October 1 through September 30).

East Providence Facility Relocation

This project involves the relocation of the East Providence maintenance facility from its original site on a dead-end street in a residential neighborhood to state property along Route 114. Construction of the new facility is substantially complete; however, RIDOT requests funding for the construction of a stairway to the second floor of the facility and enhanced plumbing to increase water pressure for the truck washing. Spending in prior years has totaled \$1.7 million in general obligation bonds and \$3.1 million in RICAP funds.

Project Status: The Budget includes \$117,901 in FY2016, which is the balance of general obligation bond funds, to complete this project.

Fixed Guideway (Commuter Rail)

This project involves planning, design, and construction of commuter rail facilities serving the State, including construction of stations, tracks and signals, right-of-way acquisition, track usage fees, purchase of locomotives and rail coaches, and other rail equipment to accommodate rail passenger service. The Commuter Rail Service is provided by the Massachusetts Bay Transit Authority (MBTA) as an extension of its service to South Attleboro. Funding will be used for South County Commuter Rail operating costs, the start of construction of the Kingston Station bypass, the start of construction of short-term improvements at the Providence Station in order to renovate and upgrade the station, and the completion of the Pawtucket Layover Facility improvements.

Project Status: Construction continues on the Kingston Station bypass; reconstruction of the Providence Station south plaza; and additional improvements are being made at the Pawtucket Layover Facility. The Budget includes \$173.5 million in total costs for all projects. For FY2017, the Budget includes \$16.3 million in FTA funding, \$5.4 million in Federal Stimulus funding, \$338,830 in Federal Highway Administration funds, \$1.6 million in MBTA financing, and \$4.4 million in Other Funds.

Highway Improvement Program

The Highway Improvement Program (HIP) represents federally-funded highway and intermodal projects administered by the Federal Highway Works Administration (FHWA) and state-funded highway transportation infrastructure projects (gas tax; registration, inspection, and license fees; Rhode Island Capital Plan funds; and bonds). The HIP helps to implement RIDOT's Capital Program as identified in the State's Transportation Improvement Program (TIP).

The State spends an average of \$300.0 million in capital funds annually on the TIP including \$45.0 million in federal funding in RIDOT and RIPTA capital projects for public transit and \$210.0 million in federal

matching funds for a wide range of projects. Beginning in FY2014, the State began using a combination of RICAP funds and revenue from surcharges on license and registrations to supply the 20.0 percent state match for federal funds, which were previously funded by \$40.0 million annually in general obligation bond funds.

The Federal Highway Trust Fund (HTF) supports federal highway and transit investments, and is the State's largest funding source of the HIP. HTF revenue is generated by 18.4 cents for every gallon of gas pumped throughout the country, as well as 24.4 cents per gallon of diesel fuel. This tax has not increased since 1993. On December 4, 2015, President Obama signed into law the Fixing America's Surface Transportation Act, or "FAST Act." The \$305 billion, five-year bill, is funded without increasing the federal gas tax and is the first law enacted in over ten years that provides long-term funding certainty for surface transportation, meaning States and local governments can move forward with critical transportation projects, like new highways and transit lines, with the confidence that federal funding is available.

Project Status: The Budget includes funding as follows:

Funding Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal Highway Administration	914.3	207.0	216.4	226.4	195.6	184.7	184.8	2,129.2
Federal Highway Funds - Debt Service	241.9	12.3	12.6	12.6	43.1	49.2	50.0	421.7
GARVEE Bonds	498.4	4.4	9.6	-	-	-	-	512.5
GARVEE Residual Earnings	19.9	0.7	0.5	-	-	-	-	21.1
Gas Tax Proceeds - Debt Service	35.8	7.2	6.9	6.9	6.9	6.9	6.9	77.3
Land Sale Revenue	8.0	11.8	15.8	10.8	6.3	1.0	1.0	54.6
Other Funds	-	-	25.0	25.0	25.0	25.0	-	100.0
P.L. 2010 Ch. 23 - Issued	76.3	3.7	-	-	-	-	-	80.0
P.L. 2010 Ch. 23 - Unissued	-	-	-	-	-	-	-	-
RI Capital Plan Fund	60.0	43.4	27.2	27.2	27.2	27.2	27.2	239.4
Vehicle Registration Fees	39.6	56.3	75.8	86.5	87.1	87.0	86.8	519.0
Total	1,894.2	346.9	389.8	395.3	391.2	380.9	356.6	4,154.9

\$ in millions.

Maintenance – Capital Equipment Replacement

Funding for this project will be used to purchase or lease heavy trucks, sweepers, loaders, backhoes, and tractors to replace aging equipment in the Maintenance Division. This funding will allow RIDOT to follow the structured replacement plan that has been developed by the Department. According to the Department, more than 50.0 percent of its fleet and equipment was purchased before 2003.

Project Status: The Budget includes \$30.5 million between FY2016 and FY2021 for the replacement of heavy equipment. This includes RICAP funding of \$2.0 million in FY2016, \$2.5 million in FY2017, and \$2.5 million annually from FY2018 through FY2021. The Budget also recommends that \$2.0 million in gas tax revenue be used in FY2017 and then \$2.5 million annually from FY2018 through FY2021 for heavy equipment purchases.

Maintenance Facility Improvements

This project involves repairs and renovations to existing state highway maintenance facilities. The Department recognizes that although some maintenance facilities have been replaced, other facilities have not received any repair or restoration, resulting in deterioration of otherwise useful buildings. Work will include roof replacements, drainage and plumbing system repairs, garage door replacement, canopy structures over fuel pump sites, and energy efficiency projects to the Highway Division's headquarters in Warwick and to buildings in the Department's seven maintenance districts (Bristol Region, Kent Region, Newport Region, Northwest Region, Providence Region, Washington North Region, and Washington South Region).

Project Status: The Budget includes \$2.6 million for the period FY2016 through FY2021. General obligation bond funds (2004) of \$622,711 are budgeted for FY2016. \$400,000 a year in RICAP funds are budgeted from FY2017 through FY2021 for a total of \$2.0 million.

Mass Transit Hub Infrastructure

A \$35.0 million general obligation bond authorization was approved by the voters at the November 2014 general election, which will be used to fund major renovations and enhancements to mass transit hub infrastructure. The Department plans to use these funds for significant bus service enhancements within downtown Providence, including the Garrahy Courthouse Transit Center and Kennedy Plaza, and for the development of a multi-bay bus terminal adjacent to the Providence Train Station that would accommodate direct bus-to-rail transfers. The goal of this project is to improve transit capacity, improve rail services at Providence Station, establish intermodal connections, and support economic development.

In addition, RIDOT has received a \$9.0 million (Transportation Investment Generating Economic Recovery) TIGER Discretionary Grant to advance planning, design and construction of a multimodal travel plaza in Hopkinton that will serve RIPTA bus riders, provide a rest area with full amenities on I-95, provide a welcoming facility for commuters to connect and carpool, support beach/tourist destinations in Newport and Westerly, and function as an intercity bus hub.

Project Status: The Budget includes general obligation bond proceeds of \$500,000 in FY2016 and \$10.0 million in FY2017 to begin the mass transit hub project, which will be completed in FY2019. The Budget also includes Federal Highway Administration Funds of \$9.0 million for the Hopkinton Travel Plaza project, including allocations of \$4.5 million per year in FY2017 and FY2018.

Portsmouth Facility

In 2004, voters approved a \$5.1 million bond referendum to construct new maintenance facilities in Portsmouth and Lincoln. Of the approved bond, \$2.4 million is allocated to replace the Portsmouth facility. This facility requires replacement because the existing building is in poor condition, and there is insufficient space on the lot to store either salt supplies or house the vehicles indoors. The Department of Environmental Management has cited RIDOT for having outdoor salt storage on the premises. The new facility will be constructed on RIDOT-owned land at the entrance to Route 24 at Boyd's Lane, a more central access point for highway maintenance.

Project Status: The construction on this project is slated to begin in the spring of 2016, with the majority of construction taking place in FY2017. The Budget includes \$1.7 million in approved 2004 bond funds, including \$501,300 in FY2016 and \$1.3 million in FY2017. The Budget also includes RICAP funds of \$2.3 million in FY2017 and \$575,256 in FY2018. An additional \$1.0 million in other funds in FY2017 was requested by RIDOT; however, a source for these funds is not identified.

Rhode Works (new)

"The Rhode Island Bridge Replacement, Reconstruction and Maintenance Fund Act of 2016," also known as "Rhode Works," authorizes several new transportation infrastructure funding tools for the purpose of providing more sustainable sources of financing for transportation projects, particularly bridge repair and maintenance. These new tools include the authorization of tolls to be collected on commercial trucks traffic upon state bridges, the refinancing and restructuring of existing Grant Anticipation Revenue Vehicle (GARVEE) bonds and the issuance of new GARVEE bonds.

Project Status: The Budget includes \$606.2 million in total Rhode Works funds between FY2016 and FY2021, including \$172.4 million in total toll revenue for that period (tolling planned to begin in FY2018).

Routes 6 and 10 Highway Reconstruction

Route 6 is a major link for vehicles traveling between I-295, points in western Rhode Island, and downtown Providence. Route 10 links vehicles traveling between south-central Rhode Island and downtown Providence. An estimated 100,000 vehicles per day access downtown Providence via the 6/10 Connector. The Route 6 and Route 10 Highway Project will include the improvement and realignment of approximately 8 miles of highway network, and the rehabilitation of eleven bridges within the Interchange. This project will potentially incorporate a dedicated right of way for rapid transit.

Project Status: The Budget includes \$650.0 million total funds between FY2017 and FY202. Additional funding for this project is being pursued by RIDOT through a \$150.0 million grant application to the USDOT's FASTLANE program. The application is due April 14, 2016.

Salt Storage Facilities

The focus of this project is to construct salt storage facilities in locations across the state where salt is currently stored uncovered. As of January 1, 2011, new Rhode Island Department of Environmental Management (RIDEM) regulations require the complete operation of salt storage and truck loading to occur under the same roof, creating the need to build larger storage facilities. The Department believes it will be able to complete one storage facility each year with the current funding. Of the twenty-three salt distribution centers located throughout the state, salt piles in Newport and Portsmouth remain uncovered. Current and pending projects include construction of a facility at the former Lincoln Maintenance Facility (FY2014), Dillons Corner in Narragansett (FY2015), in East Providence at Rt. 6 and Rt. 114 (FY2016), Pawtucket/East Providence at Roosevelt Avenue (FY2017), Newport (FY2018), and Portsmouth (FY2019).

Project Status: Current and pending projects include: replacement of site at Bridge 500 in East Providence; replacement for Route 138/Pell Bridge site in Newport; relocate the East Providence the East Providence salt facility to the new East Providence Maintenance Facility; and construct a salt storage facility in Portsmouth. The Budget includes a total of \$6.0 million in RICAP funds for the FY2016 through FY2021 period for this project with \$1.0 million allocated annually.

Train Station Maintenance and Repairs

RIDOT's Division of Highway and Bridge Maintenance is responsible for the oversight and maintenance of three train stations: Woonsocket, Kingston Station, and Westerly Station. Projects include interior and exterior painting, HVAC and roofing repairs, repairs to parking lots, and repairs to the restrooms at the Westerly Station to comply with ADA standards. Normal operating expenses have been paid through gas tax funds; however, according to RIDOT, these funds cannot support the major capital repairs needed at each of these facilities.

Project Status: Projects are ongoing at all three locations, including roof replacement in Woonsocket and various HVAC, lighting, and accessibility projects in Westerly and West Kingston. The Budget includes \$350,000 per year in RICAP from FY2016 through FY2021 (\$2.2 million total).

SUSTAINABLE TRANSPORTATION FUNDING

Article 21 of the FY2015 Budget as Enacted provides a long-term solution to funding of road and bridge maintenance by making several changes to transportation funding. These changes are currently estimated to yield more than \$60.0 million annually in additional transportation funding once fully implemented in FY2019.

- Transfers existing revenue from inspection stickers, motor vehicle title, and car rental surcharges from the general fund to the Rhode Island Highway Maintenance Account (HMA), beginning in FY2015.
- Imposes a surcharge of \$25 on all dismissals based upon a good driving record, in addition to the current \$35 administration fee. The additional funds will be deposited into the HMA, beginning in FY2015.
- Increases the vehicle inspection fee from \$39 to \$55, with the additional revenue directed to the HMA, beginning in FY2015.
- Transfers a percentage of the proceeds annually allocated to the Rhode Island Public Transit Authority (RIPTA) for operational support, beginning in FY2016.
- Phases in the transfer of all vehicle license and registration fees, beginning in FY2016, to the HMA. This revenue was previously deposited into the general fund.
- Adjusts the gasoline tax every two years according to the consumer price index to the nearest cent beginning in FY2016; however, the tax cannot go below the current amount of 33 cents per gallon.

- Requires that any funds remaining from previous general obligation bond issues that have not been otherwise allocated shall be transferred from the Intermodal Surface Transportation Fund to the HMA. This is estimated to be \$10.0 million in FY2015 and \$7.0 million in FY2016.
- Removes the authority of the Rhode Island Turnpike and Bridge Authority (RITBA) to toll the Sakonnet River Bridge and transfers 3.5 cents of the gasoline tax to the RITBA for operations and debt service in lieu of tolls on the Sakonnet River Bridge.
- Debt service expenses, which were being shifted to general revenue funds under the Department of Administration (DOA) budget, will be paid from the increased general revenue transferred to RIDOT in Article 21.
- Allows more flexible use of the HMA, which was established in 2011 to provide the non-bonded match to the State federal program.

Rhode Island Highway Maintenance Account							
New Fees and Surcharges	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
Motor Vehicle Registration and License Surcharge	\$12.7	\$19.1	\$19.1	\$19.1	\$19.1	\$19.1	\$19.1
Inspection Sticker Increase	5.6	5.6	5.5	5.2	5.5	5.5	5.5
Good Driving Surcharge (Increase of \$25)	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total New Fees Charges	\$18.7	\$25.1	\$25.0	\$24.7	\$24.9	\$25.0	\$25.0
Existing General Revenue being Transferred to the Highway Maintenance Account							
Motor Vehicle Registration and License	\$0.0	\$12.3	\$37.1	\$49.4	\$49.0	\$48.6	\$48.3
Motor Vehicle Title	9.3	9.3	9.1	8.6	9.1	9.2	9.2
Inspection Sticker Increase	5.6	5.6	5.5	5.2	5.5	5.5	5.5
Rental Car Surcharge	3.1	3.1	3.2	3.2	3.3	3.3	3.3
Total Revenue Transferred from General Fund	\$18.0	\$30.3	\$54.8	\$66.4	\$66.8	\$66.5	\$66.3
Total Revenue to Highway Maintenance Account	\$36.7	\$55.4	\$79.8	\$91.1	\$91.7	\$91.5	\$91.3
Transfer to RIPTA - 5.0 percent	\$0.0	\$2.8	\$4.0	\$4.6	\$4.6	\$4.6	\$4.6
RIDOT 95.0 percent	\$36.7	\$52.7	\$75.8	\$86.5	\$87.1	\$87.0	\$86.8

\$ in millions.

Source: Office of Revenue Analysis and State Budget Office

Rhode Island Public Transit Authority

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Bus Purchases (RIPTA)	\$95.8	\$9.7	\$12.2	\$14.3	\$1.7	-	\$4.3	\$138.0
Enterprise Software Solution	0.6	1.0	-	-	-	-	-	1.6
Farebox Upgrade	-	-	1.5	0.9	-	-	-	2.4
Fixed Route and Paratransit Cameras	1.9	0.4	-	-	-	-	-	2.3
Intelligent Transportation Systems Implementat	8.7	0.9	0.2	-	-	-	-	9.8
Land and Buildings Enhancements	3.1	4.8	1.9	0.6	0.6	0.6	0.6	12.0
Paratransit Vehicles (RIPTA)	21.6	3.7	1.4	1.4	1.4	1.4	1.4	32.3
Rapid Bus Corridor	3.3	0.0	-	-	-	-	-	3.3
Redundancy	-	2.1	-	-	-	-	-	2.1
Total	\$135.1	\$22.6	\$17.3	\$17.2	\$3.6	\$2.0	\$6.2	\$203.9

Funding by Source	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Total
Federal - Congestion Mitigation Funds	\$0.3	-	-	-	-	-	-	\$0.3
Federal Highway Administration	1.5	-	-	-	-	-	-	1.5
Federal Stimulus Funding	23.7	-	-	-	-	-	-	23.7
Federal Transit Administration	96.0	18.3	13.9	13.8	2.0	1.6	5.8	151.4
Local Funds	0.7	0.3	0.1	0.0	0.0	0.0	0.0	1.1
Other Funds	-	-	-	-	-	-	-	-
P.L. 1985 Ch. 367 - Issued	0.1	-	-	-	-	-	-	0.1
P.L. 2010 Ch. 23 - Issued	4.5	0.2	-	-	-	-	-	4.7
RI Capital Plan Fund	0.3	0.2	0.1	3.0	1.3	0.1	0.1	5.0
RIPTA Capital Funds	0.0	-	-	-	-	-	-	0.0
RIPTA Operating Funds	0.8	0.2	0.4	0.2	-	-	-	1.6
RIPTA Revolving Loan Fund	7.3	1.6	0.3	0.3	0.3	0.3	0.3	10.3
State Fleet Replacement Fund	-	1.8	2.4	-	-	-	-	4.2
Total	\$135.1	\$22.6	\$17.3	\$17.2	\$3.6	\$2.0	\$6.2	\$203.9

\$ in millions. Totals may vary due to rounding.

Bus Purchases (RIPTA)

RIPTA has a fixed route fleet of 227 vehicles, including 197 fixed route buses, 10 fixed route trolleys, and 20 flex zone buses (less than 30 feet long). Vehicles are replaced at the end of their useful lives, which varies depending on the type of vehicle and is defined by Federal Transit Administration (FTA) regulations.

Project Status: In FY2017, RIPTA will purchase 24 new, fuel-efficient buses, which are equipped with emission control devices to meet EPA guidelines for Clean Air standards. These buses will replace 24 buses that were put into service in 2004 and have outlived their useful lifespan. This purchase/replacement aligns with the Authority's 5-year capital plan. The Budget includes \$12.2 million in FY2017, including \$9.8 million of Federal Transit Administration (FTA) funds, and \$2.4 million from the State Fleet Replacement Fund. The FTA pays 80.0 percent of each vehicle replacement cost and RIPTA pays a 20.0 percent local match.

Analyst's Note: Article 1 of the FY2013 Budget as Enacted transferred \$8.0 million in general revenue to restricted receipts for a State Fleet Replacement Fund. The funding included \$4.2 million intended to serve as the 20.0 percent state match for RIPTA to obtain federal funds to purchase buses through FY2017. RIPTA is not obligated to repay these funds. The FY2017 Budget includes \$2.4 million for bus purchases and \$280,525 for paratransit vehicle purchase from this fund.

Enterprise Software Solution

This upgrades RIPTA's current iSeries IBM platform to ONE Solution Software Suite by Sungard Public Sector, a Windows-based enterprise software. This will allow RIPTA to improve its financial and other data systems, improve data quality, reduce processing time, and provide management with tools to monitor performance. Upgrades include maintenance, asset management, inventory, financial, payroll, customer service, and human resources.

Project Status: Implementation is continuing, with finance and purchase modules active. Human Resources/Payroll Systems went live in February 2016, and Maintenance and Inventory has a go live goal of July 2016. The FTA will provide an 80.0 percent match for this project. The Budget includes \$800,000 from FTA funds and \$200,000 in RIPTA Revolving Loan funds as the state match in FY2016 to complete this \$1.6 million project.

Fare Box Upgrade

RIPTA is currently conducting a fare study, which is expected to be completed in the fall of FY2017. In addition to creating a revised, simpler, and more equitable fare structure, the Authority expects to make recommendations on how a digital system can be used to speed up boarding times, reduce the maintenance expense of the current mechanical fare boxes, and allow for easier forms of fare payment, such as smart cards.

Project Status: This \$2.4 million project is expected to begin in FY2017 and be completed in FY2018. Federal funds are available for 80.0 percent of the cost, with the remaining 20.0 percent from RIPTA operating funds. The Budget includes \$1.5 million in FY2017 and \$900,000 in FY2018.

Fixed Route and Paratransit Cameras

This project will place six digital security camera systems on each of the Authority's 230 fixed route buses and five cameras on each of its 111 paratransit vehicles, with a goal of improving employee and public safety as well as reduce insurance claims due to injury and accidents.

Project Status: Cameras on the paratransit buses are installed, and RIPTA is completing the installation of cameras on fixed route buses. The project is expected to be completed in FY2016. The FTA will provide an 80.0 percent match for this project. The FY2016 Budget includes \$284,273 from FTA funds and \$71,068 in RIPTA Revolving Loan funds as the state match to complete this \$2.3 million project.

Intelligent Transportation Systems Implementation

Funding for this project will allow RIPTA to purchase and implement an Automated Transit Management System (ATMS), using Computer Aided Dispatch (CAD) and Automatic Vehicle Location (AVL) technologies. Using GPS technology and real-time route monitoring, customer information at Kennedy Plaza and other major hubs will be improved. Buses will be equipped with technology for automatic stop announcement and visual displays to comply with American with Disabilities Act mandates.

Project Status: Installation is complete, and the entire system is undergoing review and finalization. Implementation of a firmware upgrade is near completion. The FTA will pay 80.0 percent of this project and RIPTA will pay a 20.0 percent local match. The Budget includes \$217,691 in FY2017 and \$870,763 in FY2016, including \$696,610 in FTA funding and \$174,153 from the RIPTA Revolving Loan Fund. The project is expected to be completed in FY2017.

Land and Buildings Enhancements

This is a multi-year project to improve passenger facilities as outlined in RIPTA's strategic plan. The project includes a multi-year bus stop and sidewalk program in partnership with the City of Providence, with the goal to create improved bus shelters at high-volume stops, including Kennedy Plaza. RIPTA also plans improvements to transit hubs in Newport, Warwick Mall, the East Side Tunnel, and Pawtucket. This project will also renovate existing Park and Ride lots and construct new Park and Ride lots. Improvements may include repaving, lighting, fencing, security enhancements, and other amenities. Security improvements to RIPTA facilities are also included in this project. These investments are being made to improve transit ridership.

Project Status: Improvements to Kennedy Plaza, in conjunction with the City of Providence, have been completed. Improvements to the East Side bus tunnel begin in FY2016. RIPTA has completed the

Kennedy Plaza project, including analysis and design of new traffic circulation patterns, improved traffic light configuration, and pedestrian amenities. RICAP funding will be used for upgrades to the buildings at Newport and the Elmwood, as well as the East Side bus tunnel project, and for security improvements at the Elmwood campus. The Budget includes \$1.9 million for the project in FY2017. \$9.0 million in total is recommended for the project between FY2016 and FY2021, including \$7.5 million in FTA funds, \$916,748 in RICAP funds, and \$765,166 in local funds in FY2016.

Paratransit Vehicles (RIPTA)

RIPTA maintains a fleet of 111 vehicles for the paratransit program, also known as RId. FTA guidelines specify that Paratransit vehicles should not be used for more than an average life of five years; however, vehicles are typically used for a period of more than five years based on mechanical condition. In FY2015, the Department of Human Services awarded a contract to LogistiCare to manage its transportation needs, which has reduced the number of trips provided by RIPTA and introduced a high level of uncertainty to the Paratransit program. In spite of the uncertainty, the age of the Paratransit fleet requires the continued replacement of vehicles that are past their useful life.

Project Status: RIPTA will receive 25 vehicles in FY2016 at an expected cost of \$91,700 per vehicle, replacing 25 buses manufactured in 2006. RIPTA has budgeted \$1.4 million in FY2017 for paratransit bus purchases, including \$1.1 million in FTA funds and \$280,525 in RIPTA revolving loan funds; however, RIPTA has yet to make a decision on the type or number of vehicles to be purchased as the current vehicle used for paratransit services is no longer being produced. FTA pays 80.0 percent of each vehicle replacement cost and RIPTA pays a 20.0 percent local match.

Rapid Bus Corridor

The concept of Bus Rapid Transit (BRT) originated in the Pacific Northwest in the 1990's, and has been developed to increase efficiency, comfort, and speed of travel along bus routes in urban areas. The BRT along the #11 Broad Street and #99 North Main/Pawtucket routes includes traffic signal prioritization and bus stops clearly marked and lighted, with advanced customer information. The routes targeted for BRT carry almost 15.0 percent of the fixed-route passengers served by RIPTA annually.

Project Status: The R Line was launched at the end of FY2014; however there have been delays in installing some of the signage and bus shelters along the route. The FY2016 Budget includes \$16,000 in FTA funds and \$4,000 RIPTA revolving loan funds to complete this work.

Redundancy

Work began in FY2015 to create redundancy in RIPTA's computerized systems. Focus will be on offsite backup, redundancy of the main servers at Elmwood Avenue, and for the paratransit system, with a goal of improved disaster recovery response.

Project Status: This \$2.1 million project is expected to complete in FY2016. The Budget includes \$1.7 million in FTA funding and \$422,000 from the RIPTA revolving fund in FY2016 for this project.

Rhode Island Airport Corporation

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Post-FY2021	Total
Extension of Runway 5-23	\$20.5	\$25.2	\$29.8	\$11.5	\$0.0	\$0.0	\$0.0	\$0.0	\$87.0
Noise Mitigation/Sound Insulation	3.7	11.8	9.9	6.8	-	-	-	-	32.2
Noise Mitigation/Land Acquisition - 2025	11.7	4.3	2.8	-	-	-	-	-	18.8
Airfield Geometry Improvements	-	-	-	-	4.0	2.0	-	-	6.0
Runway 16/24 Obstruction Removal	-	0.9	0.2	-	-	-	-	-	1.1
Terminal Improvements	-	0.1	0.5	1.5	1.5	1.0	1.0	-	5.6
Triturator Upgrade	-	0.6	0.1	-	-	-	-	-	0.7
Airport Improvement Mitigation Measures	0.2	0.2	0.1	0.1	-	-	-	-	0.5
Master Plan Update	-	0.5	0.5	-	-	-	-	-	1.0
Runway 34 Taxiway C Improvements	-	-	-	-	2.0	11.7	6.3	-	20.0
Runway 16-34 Reconstruction	-	-	-	-	-	3.3	12.7	0.5	16.5
Demolition of Miscellaneous Properties	-	0.1	0.5	-	-	-	-	-	0.6
Total	\$36.0	\$43.6	\$44.4	\$19.8	\$7.5	\$18.0	\$20.0	\$0.5	\$189.9

Funding by Project	Pre-FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	Post-FY2021	Total
Federal Aviation Administration/Transportation									
Security Administration (FAA/TSA)	\$24.5	\$29.4	\$28.3	\$12.1	\$4.5	\$12.8	\$14.3	\$0.4	\$126.2
Passenger Facility Charges (PFC)	3.8	2.1	1.8	1.4	1.5	4.3	4.8	0.1	19.7
Rhode Island Airport Corporation	0.0	0.2	0.5	-	-	-	-	-	0.7
General Airport Revenue Bonds	7.8	11.8	13.8	6.4	1.5	1.0	1.0	-	43.4
Total	\$36.1	\$43.6	\$44.4	\$19.8	\$7.5	\$18.0	\$20.0	\$0.5	\$189.9

\$ in millions. Totals may vary due to rounding.

The Rhode Island Airport Corporation (RIAC) is a subsidiary public corporation created in 1992 by the former Rhode Island Economic Development Corporation (EDC), currently the Rhode Island Commerce Corporation, for the purpose of managing the planning, development, operation, and maintenance of airport facilities in Rhode Island. These include the T.F. Green Airport in Warwick, as well as ancillary properties in Smithfield, Lincoln, North Kingstown, Westerly, Middletown, and Block Island. RIAC assumes operating responsibility for the airports as well as capital improvement planning management.

RIAC is governed by a seven-member Board of Directors. One member is appointed at will by the Mayor of Warwick, while the remaining six are appointed by the Governor, with the advice and consent of the Senate, for four-year terms. RIAC is entitled to receive funds from the Federal Aviation Administration (FAA) on a 75/25 percent (federal/state) matching basis. RIAC is not empowered to issue bonds or notes or borrow money without the approval of the Rhode Island Commerce Corporation and the General Assembly.

Funding for capital projects comes from four sources: Federal Aviation Administration/Transportation Security Administration (FAA/TSA), Passenger Facility Charges (PFC), Rhode Island Airport Corporation funds, and General Airport Revenue Bonds. The current Capital Improvement Plan (CIP) includes infrastructure expansion at T.F. Green Airport, General Aviation (GA) improvements, environmental compliance, and noise mitigation projects.

RIAC requests a total of \$153.3 million for the period FY2016 through FY2021 to support twelve ongoing and future projects, including \$101.3 million in FAA/TSA funds, \$35.6 million in Airport Corporation Revenue Bond funding, \$15.8 million in PFCs, and \$655,258 in RIAC funds for infrastructure changes to T. F. Green Airport identified through the latest Environmental Impact Study.

T.F. GREEN AIRPORT IMPROVEMENTS

Article 4 of the FY2015 Budget as Enacted authorized \$60.0 million in debt for the Rhode Island Airport Corporation for various improvements to both T.F. Green and General Aviation Airports, including the extension of Runway 5/23 at T.F. Green. Total debt service on the bonds is not expected to exceed \$4.6 million annually and \$135.0 million in the aggregate, assuming level annual payments, an average interest

rate of 6.25 percent, and a 30-year maturity. The bonds and/or loan agreements issued, pursuant to this article, will not constitute the indebtedness of the State, and required payments will be derived from Corporation revenues, including passenger facility charges. The authorization for this debt applies to bonds issued within two years of the passage of the resolution. In January of 2016, RIAC expects to issue \$40.0 million in bonds from this authorization.

Extension of Runway 5-23

Begun in FY2014, Runway 5 will be extended 1,530 feet to the south (total length of 8,700 feet). This project includes:

- Realignment of a portion of Main Avenue, the mandatory acquisition of property to support this realignment, and the relocation of Winslow Park
- Installation of an Engineered Materials Arresting System (EMAS) bed to provide an FAA-approved Runway Safety Area (RSA) for Runway 5
- Modifications and replacement of FAA navigational equipment
- Voluntary acquisition of residences located in a newly defined Runway Protection Zone (RPZ) for the Runway 5 extension
- Removal of Aeronautical Obstructions to accommodate the approach surfaces to Runway 5

Project Status: The Corporation's Capital Improvement Program includes \$87.0 million through FY2018 for this project.

Noise Mitigation/Sound Insulation

In accordance with FAA regulations, this project provides for sound insulation of eligible homes and apartments within the 2020 65-DayNight Average Sound Level (DNL) contour of the airport and contiguous neighborhoods. Sound mitigation measures may include window replacement, new prime and storm doors, and installation of air conditioning, to 650 units (homes and apartments). This project is consistent with the Corporation's Memorandum of Understanding with the City of Warwick.

Project Status: The Corporation's Capital Improvement Program includes \$32.2 million for this project through FY2018.

Noise Mitigation/Land Acquisition – 2025

The Corporation will purchase 65 residences and 10 associated land parcels in accordance with the Uniform Relocation Assistance Act, which requires the voluntary acquisition of homes and vacant parcels within and adjacent to the 2025 70-Day Night Average Sound Level (DNL) contour. Home acquisitions will be based on the fair market value as determined by a certified appraisal. Residents will be offered a replacement housing payment, moving expenses, closing costs, and incidental expenses.

Project Status: The Corporation's Capital Improvement Program includes \$18.8 million for this project through FY2017.

Airfield Geometry Improvements (New)

This project includes the design, construction, and construction administration related to airfield geometry improvements identified at 3 separate areas on the airfield. These areas were identified by the Federal Aviation Administration and are primarily related to various taxiway/runway intersections at T.F. Green Airport. The reconfiguration of these intersections will improve the safety at T.F. Green Airport and reduce the risk of potential aircraft incidents.

Project Status: The Corporation's Capital Improvement Program includes \$4.0 million in FY2019 and \$2.0 million in FY2020 for this project.

Runway 16-34 Obstruction Removal

Based on an FAA determination, RIAC will acquire easements, and provide design, construction, and construction administration related to removal of lighting and other identified obstructions, both on and off airport property, for the secondary runway (16-34).

Project Status: The Corporation's Capital Improvement Program includes \$852,577 in FY2016 and \$200,000 in FY2017 for this project.

Terminal Improvements (New)

This project will provide improvements to the interior of the airport terminal. Improvements include upgrades /replacement of bathroom facilities, carpeting, ceiling and wall coverings, and public seating.

Project Status: The Corporation's Capital Improvement Program includes a total of \$5.6 million from FY2017 through FY2021 for this project.

Triturator Upgrade

To meet RI Department of Environmental Management and Warwick Sewer Authority standards, RIAC will design, permit, bid, and construct a triturator, which is a machine that processes airplane sewage and disposes it through airport sewer lines.

Project Status: The Corporation's Capital Improvement Program includes a total of \$725,000 from FY2015 through FY2017 for this project.

Airport Improvement Mitigation Measures

The Final Environmental Impact Statement identified mitigation measures associated with airport improvement projects. Final permitting and cultural assessment associated with the Main Avenue relocation, Winslow Park recreation facilities, Runway 5 extension, and post-construction tracking and monitoring for wetlands mitigation measures are included in this project.

Project Status: The Corporation's Capital Improvement Program includes \$500,000 through FY2018 for this project.

Master Plan Update

The FAA recommends that an airport's master plan be updated every five to ten years. T. F. Green's master plan was last updated in 2009 to include the Environmental Impact Statement. The master plan must be updated to continue to be eligible for FAA grant funding.

Project Status: The Corporation's Capital Improvement Program includes \$500,000 in FY2016 and \$500,000 in FY2017 for the airport's master plan update.

Runway 34 Taxiway C Improvements

To meet current FAA standards, RIAC will relocate the Taxiway C centerline from the current 300 foot offset to 400 feet. Project costs may change significantly as impact to the wetlands and the cost of mitigation measures will be determined during the design phase.

Project Status: The Corporation's Capital Improvement Program includes \$20.0 million, beginning in FY2019, for this project.

Runway 16/34 Reconstruction

The pavement of runway 16/34 will be designed and reconstructed, including demolition of the existing concrete base and bituminous surfaces, grading, drainage improvements, paving, new pavement markings, new lighting, and signage improvements to ensure long-term use of the runway.

Project Status: The Corporation's Capital Improvement Program includes \$16.5 million beginning in FY2020 for this project.

Miscellaneous Demolition of Properties

This project consists of Phase I Environmental Assessments, hazardous materials abatement, and demolition of various buildings and structures on airport property.

Project Status: The Corporation's Capital Improvement Program includes \$100,000 in FY2016 and \$450,000 in FY2017 for this project.

GENERAL AVIATION IMPROVEMENTS

The Corporation's Capital Improvement Program includes \$48.3 million in funding for 12 projects for the period FY2016 through Post-FY2021, including \$33.8 million in FAA/TSA funds, \$860,255 in RIAC funds, and \$13.6 million in Airport Corporation Revenue Bond, for repairs, renovations and general improvements at the five general aviation airports: Quonset, Newport, Block Island, North Central, and Westerly. Projects and anticipated costs are as follows:

Project	Airport	Pre							Post	
		FY2016	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2021	Total
Rehab/Expand Paved Aircraft Parking Apron	Block Island	\$0.0	\$0.0	\$0.0	\$0.2	\$4.1	\$0.0	\$0.0	\$0.0	\$4.3
Access Road Upgrade	North Central	-	-	-	-	-	0.4	-	-	0.4
Rehabilitate & Expand Paved Aircraft Apron	Newport	-	-	0.2	2.2	-	-	-	-	2.4
Rehabilitation of Runway 4-22	Newport	-	-	-	-	-	0.4	3.7	-	4.1
Demolish Old Terminal/New Maintenance Bldg.	Quonset	-	0.5	2.0	-	-	-	-	-	2.5
Rehabilitation of Runway 5-23	Quonset	-	-	-	-	-	0.5	4.3	1.0	5.7
Extend Taxiway W to Runway 23	Quonset	-	-	-	-	-	0.3	1.7	0.3	2.3
Relocate Fuel Farm	Quonset	-	-	-	1.0	-	-	-	-	1.0
Seawall Reconstruction (16-34)	Quonset	-	-	-	-	-	0.8	3.7	-	4.5
Hangar Development	Quonset	-	-	-	1.4	6.6	-	-	-	8.0
Rehab Runway 16-34	Quonset	-	-	-	-	-	0.8	9.8	2.3	13.0
T-Hangar Development	Various	-	-	0.1	0.2	0.1	-	-	-	0.3
Total		\$0.0	\$0.5	\$2.3	\$5.0	\$10.7	\$3.1	\$23.1	\$3.6	48.3

\$ in millions. Totals may vary due to rounding.

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