



RHODE ISLAND PUBLIC TRANSIT AUTHORITY

CAPITAL BUDGET FY 2016-FY 2021 GRANT FUNDED PROJECTS





Presented is the Rhode Island Public Transit Authority FY 2016 – FY 2021 capital plan. Some of the items presented in the plan do not fall under the definition of normal “capital” items, but are necessary to display as they may eventually lead to capital expenses. Planning studies may eventually lead to capital expenditures such as vehicles, equipment, or software. Thus, they are included in the capital plan in an effort to capture their costs.

There are some projects in the capital plan that may never become a capital cost.

Every project listed in the FY 2016 – FY 2021 capital plan utilizes federal funding. However, the capital plan does not capture all instances in which the Authority uses federal funding such as funds used to pay for salaries, utilities, parts, or repairs.

All projects listed in the capital plan are contingent upon both match and federal funds available. Given the Authority’s limited financial resources some projects may have to be pushed out to later years in order to free up operating funds.

Vehicle Replacement / Maintenance

Sum of Requested Budget						
	2016	2017	2018	2019	2020	2021
Accessible Taxi Cabs	\$250,000					
Associated Capital Maintenance	\$1,615,984	\$1,432,272	\$1,445,599	\$2,156,792	\$2,085,478	\$1,667,363
Capital Tools	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Fixed Route	\$8,622,846	\$11,592,552	\$14,708,050			
Flex Vehicles		\$275,625		\$607,753	\$0	
Non-Revenue Vehicle	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
Paratransit Vehicle	\$1,402,625	\$1,402,625	\$1,402,625	\$1,402,625	\$1,402,625	\$1,402,625
Trolley						\$7,316,922
Grand Total	\$12,091,455	\$14,903,074	\$17,756,274	\$4,367,170	\$3,688,103	\$10,586,910

Accessible Taxi Cabs

The Authority has received a grant designed to introduce more accessible taxis in Rhode Island. This is a \$250,000 grant split 80/20 (80% federal funds 20% local match). If a local taxi operator would like to purchase an accessible cab through the program they only need to provide 20% of the cost of the cab and federal funds can be used to finance the remaining cost. Early estimates are that this grant will be enough to purchase 5 cabs. This project is expected to commence and be completed in FY 2016.

Associated Capital Maintenance

Capital Maintenance is critical to ensuring safety, a state of good repair and overall reliable operations. RIPTA conducts regular capital maintenance associated with keeping the fleet in a state of good repair. Funding goes towards the replacement of major fleet components such as engines, transmissions, and air compressors, in order to maintain the value of the investment and prevent unscheduled failure. Federal funds are available for these major components and covers 80% of the parts cost. The remaining 20% is matched with RIPTA operating funds.

Capital Tools

This line item of \$50,000 per year is used to purchase various shop equipment needed to maintain fleet vehicles. This line item is 80% federally financed and the remaining 20% is matched using RIPTA operating funds.

Fixed-Route Vehicle Purchases

Our fleet plan is designed to replace 40' vehicles that come to the end of their useful life. The submitted plan is for 18 vehicles to be purchased in FY 2016, 24 vehicles in FY 2017, and 29 vehicles in FY 2018. The next vehicle purchase after FY 2018 is expected to be in FY 2022. There are federal funds available to cover 80% of the cost of a vehicle. The State Fleet Revolving Loan fund is used to finance the remaining 20% of the vehicle cost. It is important to note that the State Fleet Revolving Loan fund sunsets in FY 2017. State RICAP will be used in FY 2018 as a match to federal funds upon exhaustion of the State Fleet funds.

Flex Vehicle Purchases

While Flex is a fixed-route service the vehicle that is used on these routes is the same as our Paratransit vehicles and has a 5 year useful life. The Authority will be receiving 11 Flex vehicles at the end of FY 2015. The Authority will also be purchasing 2 Flex vehicles in FY 2017, 4 vehicles in FY 2019, and 11 Flex vehicles in FY 2021. Federal funds are available to cover 80% of the vehicle cost and the State Fleet Revolving Loan fund is used to finance the remaining 20%. At this time State RICAP will be used in FY 2018 and beyond as a match to federal funds.

Our current flex vehicles are nearly identical to our Paratransit vehicles. As further described in the Paratransit section below, the current engine type is being discontinued. At this time the Authority is looking at a larger vehicle to replace the current flex fleet. The per vehicle cost of the larger vehicle is estimated to be around \$125,000 and will have a service life of 10 years as opposed to the 5 year service life of our current vehicles.

Non-Revenue Vehicle Replacement

This is a line item used to replace the Authority's non-revenue vehicles which include Street Supervisor Vehicles and pick-up trucks for maintenance. Many of the Authority's non-revenue vehicles have far surpassed their useful life and are requiring costly repairs by our own maintenance department. New vehicles will come with warranties. Non-revenue vehicles are eligible for federal funding which will cover 80% of the vehicle cost. The remaining 20% will be matched with the Capital Revolving Loan fund.

Paratransit Vehicle Purchases

Recently the Authority has learned that the engine that is currently used in our Paratransit vehicles is no longer being produced. The only option in our current vehicle size would be to convert to gasoline rather than diesel fueled engines. Switching to gasoline from diesel would present expensive barriers for the Authority as our Paratransit vehicles are fueled and stored indoors. We would have to create a gasoline fueling facility capable of fueling a fleet as well as

perform upgrades to the Paratransit building in order to ensure environmental compliance. These upgrades and modifications would require significant capital expenditures that would be difficult to justify.

A review has begun to evaluate the future of the Paratransit fleet plan. The results of this review could end up being either smaller or larger vehicles or a mixture of the two. The current capital plan reflects the funds available to match the federal funds dedicated to purchase Paratransit vehicles. A portion of Paratransit revenue is put into the Paratransit Revolving Loan Fund which is limited due to declining program trips.

Paratransit vehicles are financed using 80% federal funds. The remaining 20% match comes from the Paratransit Revolving Loan Fund which is funded via Ride operations.

Trolley Purchases

Our current trolley fleet will reach the end of their useful life in FY 2021. As the fleet nears the end of its useful life the Authority will decide if it will replace them with additional trolleys or regular buses. Trolley vehicles are purchased in the same manner as our fixed route vehicles with 80% federal funds and 20% State Fleet funds.

Land and Building Repairs / Preventative Maintenance

Sum of Requested Budget	2016	2017	2018	2019	2020	2021
269 Electrical Audit	\$260,000					
750 Elmwood HVAC Upgrade	\$260,000					
Back-up Generator	\$160,000					
College Hill Bus Tunnel	\$500,000	\$475,000				
Fill Pit and Install lift @ Newport	\$250,000					
Future Facilities Maintenance	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Hastings Unit Elmwood	\$325,000					
Hastings Unit Newport	\$250,000					
Kennedy Plaza Building Improvements	\$267,320					
Maintenance Shop Center Floor Drain		\$140,000				
Replacement of Office Equipment	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Grand Total	\$2,392,320	\$735,000	\$120,000	\$120,000	\$120,000	\$120,000

269 Melrose Electrical System Audit

In conjunction with the purchase of a back-up generator, an electrical system audit is required at 269 Melrose to ensure that the electrical needs of the IT department can be isolated from the rest of the building's electrical system so that the generator will function properly. Work required as a result of the audit can be performed in-house by the Authority's maintenance department. The anticipated cost of the audit is \$260,000. Federal funds are available for this project to cover 80% of the cost, and the remaining 20% will be matched with RIPTA operating funds. This project is expected to commence and be completed in FY 2016. However, work required as a result of this audit may go into FY 2017.

750 Elmwood HVAC Upgrade

HVAC upgrades are needed at the 750 Elmwood maintenance facilities. The requested budget is \$260,000. This project is eligible for federal funds which will cover 80% of the project cost. RIPTA Capital match will be used to cover the remaining 20%. This project is expected to commence and be completed in FY 2016.

Back-up Generator

A back-up generator is required as part of the Authority's Information Technology Redundancy efforts. This generator will service the Authorities IT functions in the event of a power outage. The generator is expected to cost \$160,000. Federal funds can be used to cover 80% of the

generator cost and the remaining 20% match will be made up of RIPTA operating funds. This project is expected to commence and be completed in FY 2016.

College Hill Bus Tunnel

The Authority has been awarded a competitive FTA “State of Good Repair” grant to assist with the design and construction to repair the tunnel. A needs analysis is currently being conducted, and will be completed shortly. Once the needs analysis has been completed there may be a need to revise the budget. The “State of Good Repair” grant is for \$1,025,000. The match will be with State RICAP. This project is expected to commence in FY 2016 and be completed in FY 2017.

Fill/Replace Pit at Newport Facility with Lift

Currently at the Newport maintenance facility there is an open pit that is used to work on buses. The open pit has been identified as a hazard to employees and that it should be filled in. The maintenance department has submitted a project request to fill in the pit and install a lift in its place. This project is expected to cost \$250,000. Federal funds are available to cover 80% of the project, and RIPTA Capital match will be used to fund the remaining 20%. This project is expected to commence and be completed in FY 2016.

Future Facilities Maintenance

This is a reserve line of \$100,000 that is used to encompass many of the smaller projects that arise each year for maintenance. This line is 80% grant funded and the match is paid using State RICAP. This line item appears in each year of the Authority’s capital plan.

Hastings Units

The Hastings units (make-up air units) at both the Newport facilities and the Elmwood facilities are in need of replacement. There is a budget request of \$575,000. Federal funds can be used to pay for 80% of the cost, and the remaining 20% would be matched with State RICAP funds. The Authority is currently working on a proposed deal to receive new units at no additional cost to the Authority. A similar arrangement has recently been reached to replace the light fixtures at the Authority for more energy efficient units. This project is expected to commence and be completed in FY 2016.

Kennedy Plaza Building Improvements

The building at Kennedy Plaza is in need of repairs including to the HVAC system. The budget request is related to available federal funds of \$267,320. Much of the work within the building can be done in-house by RIPTA’s maintenance staff; however given the buildings historical nature, repairing the building’s HVAC system could be costly. This project is expected to commence and be completed in FY 2016.

Maintenance Shop Floor Drains

Repairs to maintenance shop drainage are required and are expected to cost \$140,000. Federal funds are available for this project to cover 80% of the cost, and the remaining 20% will be matched with RIPTA Capital match. The repairs are expected to commence and be completed in FY 2017.

Replacement of Office Equipment

This is a reserve line of \$20,000 that is used to fund any replacement of office equipment required throughout the fiscal year. This line is 80% grant funded and the 20% match is paid using RIPTA Capital match. This line item appears in each year of the Authority's capital plan.

Land/Building/Transit Enhancements

Sum of Requested Budget	2016	2017	2018	2019	2020	2021
Bus Stop Design Manual	\$100,000					
Commuter Services Planning Study	\$150,000	\$150,000				
Comprehensive Operational Analysis			\$500,000			
Digital Display Security Boards	\$50,000	\$50,000	\$50,000	\$50,000		
Farebox Upgrade		\$1,500,000	\$900,000			
Origin/Destination Analysis		\$100,000				
Providence Transit Development Plan	\$150,000	\$100,000				
Quonset/Warwick Transit Plan	\$75,000					
RIDOT Bus Park N Ride Improvements	\$350,000					
Strategic Plan Update	\$50,000					
TransArt	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Transit Hub Newport	\$1,780,000					
Transit Hub Pawtucket	\$156,250	\$156,250				
Transit Hub Warwick	\$150,000					
Transit Signal Prioritization Expansion	\$150,000					
Website Enhancements	\$75,000					
Grand Total	\$3,436,250	\$2,156,250	\$1,550,000	\$150,000	\$100,000	\$100,000

Bus Stop Design Manual

The Bus Stop Design Manual is a document that will guide RIPTA and partnering agencies in the development of bus stops around the state. This is a planning study and will result in a single document that will be used to guide other capital investments. The requested budget for the project is \$100,000. Federal funds will be used to fund 80% of the project. RIPTA and RIDOT will split the 20% match by providing \$10,000 each. This project is expected to commence in FY 2015 and be completed in FY 2016.

Commuter Services Planning Study

The Commuter Service Planning Study will help shape and form RIPTA's commuter services. Currently, RIPTA operates service to Park & Ride lots throughout the State (these lots are primarily owned by RIDOT). As part of this project, RIPTA will explore how these lots are served, the types of vehicles RIPTA uses for these routes, and creative revenue sources that are currently untapped. As RIPTA may eventually label these routes as "Premium Services", a clear set of criteria must be established to differentiate them from regular fixed-route service. This project will cost \$300,000 to complete. Federal funds are available for 80% of the project cost,

and the remaining 20% will be split between RIPTA and RIDOT. This project is expected to commence in FY 2016 and be completed in FY 2017.

Comprehensive Operational Analysis

The goal of the Comprehensive Operational Analysis is to evaluate the service levels that RIPTA provides and redistribute them throughout the system to ensure that ridership demand is best met with RIPTA's limited resources. A Comprehensive Operational Analysis should be conducted every five years. The cost of the project is expected to be \$500,000. Federal funds are available for 80% of the project cost, and the remaining 20% will be matched with RIPTA operating funds. This project is expected to commence and be completed in FY 2018.

Digital Display Security Boards

The Public Affairs Department would like to purchase an additional two-hundred Digital Display Security Boards. Fifty boards would be purchased per year for four years. Previously, the Authority has purchased and installed 67 of these boards. These additional 200 boards would outfit the remainder of the fleet and prepare for replacement of some of the current boards. These boards allow the Authority to post detours, Amber alerts, wanted posters for police and more. In addition to posting vital public information, the boards can increase the advertising revenue the Authority collects. One board can generate \$1,231 after expenses per year. Ensuring boards are on every bus on the fleet can lead to additional revenue of over \$250,000. The Authority will spend \$50,000 each year for four years, and will use federal funds to cover 80% of the cost. The remaining 20% will come out of RIPTA operating funds. Procurement of these boards is expected to commence in FY 2016 and continue through to FY 2019.

Farebox Upgrade

One result of the current fare study is to provide advice on the technological improvements the Authority could undertake to improve our current fare structure and speed up the boarding process. As the fare study concludes the Authority will have more detailed information on what the farebox upgrade may entail and as a result the current budget of \$2.4 million may be revised. Federal funds are available for 80% of the cost of this project, and the remaining 20% will be RIPTA operating funds. The project is expected to commence in FY 2017 and be completed in FY 2018.

Origin/Destination Analysis

As RIPTA prepares for a new Comprehensive Operational Analysis in FY 2018, an Origin/Destination analysis will provide a strong foundation for completing this work. The analysis, regardless of mode, will provide information on where residents of Rhode Island are

beginning and ending their trips within the state. This will allow for more efficient planning and will allow RIPTA to determine what services may need readjustment in the future. The cost of this project will be \$100,000. Federal funds are available for 80% of the project cost, and the remaining 20% will be matched with RIPTA operating funds. This project is expected to commence and be completed in FY 2017.

Providence Transit Development Plan

With the recent rehabilitation of Kennedy Plaza, an anticipated streetcar route, and the planning of two new transportation hubs, RIPTA's operations through the Providence area will look significantly different in the future. The plan will ease that transition on two fronts: a service plan will be created that takes into account all of the aforementioned changes, and a plan for the capital investment will be made that anticipates RIPTA's current needs and future growth. This project will cost \$150,000. Federal funds are available for 80% of the project cost, and the remaining 20% will be matched with RIPTA operating funds. This project is expected to begin in FY 2016 and be completed in FY 2017.

Quonset/Warwick Transit Plan

This project will be a detailed analysis of how to best serve the Quonset Business Park. The study will examine service frequency, service duration, where service should begin and terminate (Kennedy Plaza, Warwick, etc...), and potential ridership numbers. The project will cost \$75,000. Statewide Planning will provide 80% of the project cost, and RIPTA is currently looking for a source of local match to fund the remaining 20%. This project is expected to commence and be completed in FY 2016.

RIDOT Bus Park & Ride Improvements

This project will increase access to RIDOT owned Park & Ride facilities to ensure they are fully accessible. This investment will ensure that all of our Park & Ride lots are in compliance with ADA regulations. The total project cost is estimated to be \$650,000. RIPTA is providing federal funds to assist in the completion of the project, and RIDOT is paying the remaining 20%. This project has commenced in FY 2015 and should be completed in FY 2016.

Strategic Plan Update

The Five-Year Strategic Plan helps to set policy for RIPTA to ensure the Authority is working towards common goals. This document helps RIPTA to determine which projects have importance with the Authority and to set the vision for the next five years. This project is expected to cost \$50,000. Federal funds are available for 80% of the project cost, and RIPTA

operating funds will be used to fund the remaining 20%. This project is expected to commence and be completed in FY 2016.

TransArt

The TransArt program currently provides 80% of funding for new, custom-designed bus shelters in Rhode Island. These funds are awarded to any party that provides the 20% match and a location for the shelter. RIPTA Planning is currently exploring how to revise the program, including requiring communities to provide more matching funds, proposing a competitive process for shelter awards, and limiting the scope of what design elements will be considered. \$100,000 is budgeted for each year in the capital plan, but the amount that is expended depends on demand from communities.

Transit Hub Newport

During Hurricane Sandy much of the Newport Gateway was extensively damaged. The requested budget for the project is \$1.78 million. The Authority has been awarded \$1.6 million in Hurricane Sandy resiliency funds by the FTA that will pay for 90% of the cost of the project and the city of Newport will pay the remaining 10%. This project has commenced in FY 2015 and will be completed in FY 2016.

Transit Hub Pawtucket

The Pawtucket Transit Center has recently been sold to a private company and will close. Pawtucket has been dedicated in finding a new home for RIPTA's service in the city. The Pawtucket Planning Department is currently completing the planning portion of a new Pawtucket hub. Design of the hub will commence in FY 2016. Construction will begin in FY 2016 and continue through FY 2017. The total cost of the new hub is expected to be \$500,000. The Authority will provide the city of Pawtucket \$250,000 in federal funds, and the city of Pawtucket will pay both the 20% match and an additional \$187,500 to complete the project.

Transit Hub Warwick

Development of the Warwick transit hub has been identified as a key component of the service changes introduced by the latest Comprehensive Operational Analysis (COA). The COA realignment has made Warwick a new transit hub focused on routes serving CCRI's Knight Campus and routes south. The requested budget is \$150,000. Federal funds are available for 80% of this project and the remaining 20% will be matched with a local partner. This project is expected to commence and be completed in FY 2016.

Transit Signal Prioritization Expansion Plan

This project is to create a plan to expand transit signal prioritization. The requested budget for this project is \$150,000. Federal funds will be used to pay for 80% of the project and the 20% match will be paid using RIPTA operating funds. This project is expected to commence in FY 2015 and will be completed in FY 2016.

Website Enhancements

The Public Affairs department has requested \$75,000 to make updates to the RIPTA website. This update will take the place of the mobile application project submitted in last year's CIP. The Authority is currently working to get a mobile application developed at no cost. However, in order for the application to better interact with RIPTA's website, updates are needed. Federal funds are available for this project covering 80% of the project cost. RIPTA operating funds will be used to cover the remaining 20%.

Information Technology

Sum of Requested Budget						
	2016	2017	2018	2019	2020	2021
ATMS	\$870,763	\$217,691				
Bus Pass Database	\$40,000					
Cyber Security		\$100,000				
Fuel & Fluid Management System	\$840,000					
Hastus Upgrade & Expansion	\$950,000	\$950,000				
IVR System	\$180,000					
Newport Data Closet	\$75,000					
One Solution	\$1,000,000					
Phone System	\$200,000					
Redundancy / Disaster Recovery	\$2,110,000					
Replacement IT Equipment	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
Replacement of 5 Security DVR's	\$175,000					
Grand Total	\$6,740,763	\$1,567,691	\$300,000	\$300,000	\$300,000	\$300,000

ATMS

The ATMS project is expected to be completed in FY 2016. The outstanding balance, after expected descoping of some items, is about \$800,000. There is still some discussion about the value of the descoped items, and about adding some features, so this total may change. It is expected that 20% of the balance will be due after the 1-year warranty period, which would fall in FY 2017. The remainder will be due in FY 2016. Federal funds will be available for 80% of the project cost and the remaining 20% will be funded by the Capital Revolving Loan Fund.

Bus Pass Database

After review of our current Senior/Disabled bus pass program it was decided that the current database no longer meets the needs of the program. In order to keep better records a new database will be implemented. The estimated cost of the database at this time is \$40,000. The project will be 80% federally funded and the match will be RIPTA Operating funds. This projected is expected to commence and be completed in FY 2016.

Cyber Security

Given the amount of data that the Authority now collects through its various databases and systems it is important to ensure that this data is kept safe and secure. As the Authority completes its Redundancy project focus will then shift to ensuring our systems are up-to-date with the most current cyber security practices. At this time the project is estimated to cost \$100,000. Federal funds will be available for 80% of the project cost and the remainder will be funded by RIPTA operating funds. This project is expected to commence in FY 2017.

Fuel & Fluid Management System

The fuel and fluid management system will improve the operation of our fuel and fluid management. Some of the paybacks include minimizing the consumption of costly petroleum based fuels and other fluids; assure fuel and fluid security and accountability; minimize the cost of fuel used by the fleet; provide safe, convenient fueling access for the fleet, and provide reliable and accurate fleet data information. This system will also provide vehicle health monitoring alerts to Maintenance. This project will be 80% federally funded and matched using the Capital Revolving Loan fund. This project is expected to commence and be completed in FY 2016.

Hastus Upgrade & Expansion

Our current Hastus version dates back to 2011. Giro (the maker of the software) recommends upgrading at least every 5 years. The efficiency the software creates in our scheduling process is expected to pay for itself. In addition to the Hastus upgrade the Authority is also looking to add additional modules. These new modules would offer increased driver management tools integrated with the scheduling software, including enabling drivers to go through the choose-up options at a computer kiosk instead of the current method of pen and paper. This project is expected to cost \$1.9 million with 80% of the financing coming from federal funds. The remaining 20% will be funded using the Capital Revolving Loan fund. This project is expected to commence in FY 2016 and should be completed in FY 2017.

IVR System

The IVR system will be a call-in system that will allow Ride customers to call in 24/7 to check on the next day trip times or to cancel the next day's trip. This project will reduce the call volume in Ride which will lower the wait times for customers who need to speak with a customer service representative, and ultimately give customers more access to the trip information they need. The cost of the system will be \$180,000. Federal funds can be used for 80% of the system cost and Capital Revolving Loan fund will be used to fund the remaining 20%. This project is expected to commence and be completed in FY 2016.

Newport Data Closet

The current storage of computer equipment at the Newport facility is inadequate. The Authority is working to build a room in Newport specifically designed to store the computer equipment which includes a raised floor and air conditioning. The current cost estimate for the project is \$75,000. Some of the work may be able to be performed in-house by the maintenance department which could help reduce the cost of the project. Federal funds will be used to pay for 80% of the project with RIPTA Capital Match funding the remaining costs. This project is expected to commence and be completed in FY 2016.

ONESolution

There is \$1.0 million remaining to be paid to finalize the implementation of the ONESolution software. The remaining expense will be 80% federally funded, and the remaining match will be funded using the Capital Revolving Loan fund. This project is expected to be completed during FY 2016.

Phone System

Support for the current telephone system has been discontinued. Parts for our current system are hard to find and those that are available are expensive. Replacing the system with a Voice-Over Internet Protocol (VoIP) System will lead to a more reliable and cost efficient system. The new phone system will cost \$200,000. Federal funds are available for the project to cover 80% of the costs, and the remaining 20% of the cost will be funded using the Capital Revolving Loan fund. This project is expected to commence and be completed in FY 2016.

Redundancy / Disaster Recovery

A review of the current systems and infrastructure has begun and will include recommendations with cost/benefit analysis for improving our continuity and recovery of IT systems. IT outages can occur for two reasons, planned maintenance or disaster. During planned maintenance, redundancy or replication of databases can ensure access throughout the process. In case of a major incident, replication can minimize downtime of the IT systems. The Authority needs to improve its disaster recovery and business continuity processes and procedures as well as its infrastructure and systems. This project is expected to cost \$2.1 million. This project is 80% federally funded using several grants and the remaining 20% will be matched using the Capital Revolving Loan fund. The review has commenced in FY 2015, and actual project implementation should begin in FY 2016.

Replacement of 7 Security DVR's

There are currently 7 DVR's that need replacement. The estimated cost is that these DVR's will cost \$25,000 each bringing the total project cost to \$175,000. This project will ensure that all of our DVR's will then be on the same system. The Authority is researching an upgrade as opposed to replacement of the DVR's in an attempt to bring the cost of this project down. Federal funds will be available for 80% of the project cost and the remainder will be funded by RIPTA operating funds. This project is expected to commence in FY 2015 and be completed in FY 2016.

Replacement of Information Technology Equipment

This is an annual line item of \$300,000 that is used to replace various pieces of computer equipment. Any major replacements such as replacing the servers will be broken out as its own project in the future. This line item is 80% grant funded and is matched using RIPTA Capital Match for the remaining 20%.

Security Enhancements

Sum of Requested Budget	2016	2017	2018	2019	2020	2021
1% Security Plan	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000
Grand Total	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000

Security Enhancements/Plan

Each year the capital plan budgets \$350,000 for projects designed to increase the safety and security of the Authority's passengers, employees, and facilities. Recent initiatives have included installing cameras, gates, and card readers at the Elmwood facilities. Beginning in FY 2016 the Authority will begin securing the Newport facilities in the same manner that the Elmwood facilities were secured. There are federal funds available for these initiatives that will cover 80% of the project cost. The remaining 20% match will be State RICAP funds.

Funding Terminology

Capital Match – Operating budget funds set aside to match capital projects.

Capital Revolving Loan Fund (CRLF) – RIPTA investment account that provides up front funds for long-term capital investments, paid back over the life of the asset.

Paratransit Revolving Loan Fund – investment account funded by fee charged to Paratransit funding agencies to provide funds for capital investment in the program. RIPTA's ADA service is the largest contributor to this account.

RICAP – Rhode Island Capital Funds, granted by the State annually to fund selected capital improvements

State Fleet Revolving Loan Account – Funds granted by State to fund match on bus purchases. Funds are only available until 2017. The State does not require payback on use of money.

**Rhode Island Public Transit Authority
Grant Funded Plan
Federal Funding by Fiscal Year**

Sum of Grant Amount Program	Project	Year					
		2016	2017	2018	2019	2020	2021
Information Technology Replacement	ATMS	\$696,611	\$174,153				
	Bus Pass Database	\$32,000					
	Cyber Security		\$80,000				
	Fuel & Fluid Management System	\$672,000					
	Hastus Upgrade & Expansion	\$760,000	\$760,000				
	IVR System	\$144,000					
	Newport Data Closet	\$60,000					
	One Solution	\$800,000					
	Phone System	\$160,000					
	Redundancy / Disaster Recovery	\$1,688,000					
	Replacement IT Equipment	\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$240,000
	Replacement of 5 Security DVR's	\$140,000					
Information Technology Replacement Total		\$5,392,611	\$1,254,153	\$240,000	\$240,000	\$240,000	\$240,000
Land & Building Repairs / Preventative Maintenance	269 Electrical Audit	\$208,000					
	750 Elmwood HVAC Upgrade	\$208,000					
	Back-up Generator	\$128,000					
	College Hill Bus Tunnel	\$400,000	\$380,000				
	Fill Pit and Install lift @ Newport	\$200,000					
	Future Facilities Maintenance	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
	Hastings Unit Elmwood	\$260,000					
	Hastings Unit Newport	\$200,000					
	Kennedy Plaza Building Improvements	\$213,856					
	Maintenance Shop Center Floor Drain		\$112,000				
	Replacement of Office Equipment	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000
Land & Building Repairs / Preventative Maintenance Total		\$1,913,856	\$588,000	\$96,000	\$96,000	\$96,000	\$96,000
Land Building and Transit Enhancements	Bus Stop Design Manual	\$80,000					
	Commuter Services Planning Study	\$120,000	\$120,000				
	Comprehensive Operational Analysis			\$400,000			
	Digital Display Security Boards	\$40,000	\$40,000	\$40,000	\$40,000		
	Farebox Upgrade		\$1,200,000	\$720,000			
	Origin/Destination Analysis		\$80,000				
	Providence Transit Development Plan	\$120,000	\$80,000				
	Quonset/Warwick Transit Plan	\$60,000					
	RIDOT Bus Park N Ride Improvements	\$280,000					
	Strategic Plan Update	\$40,000					
	TransArt	\$160,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
	Transit Hub Newport	\$1,602,000					
	Transit Hub Pawtucket	\$125,000	\$125,000				
	Transit Hub Warwick	\$120,000					
	Transit Signal Prioritization Expansion	\$120,000					
	Website Enhancements	\$60,000					
Land Building and Transit Enhancements Total		\$2,927,000	\$1,725,000	\$1,240,000	\$120,000	\$80,000	\$80,000
Safety & Security	1% Security Plan	\$280,000	\$280,000	\$280,000	\$280,000	\$280,000	\$280,000
Safety & Security Total		\$280,000	\$280,000	\$280,000	\$280,000	\$280,000	\$280,000
Vehicles	Accessible Taxi Cabs	\$200,000					
	Associated Capital Maintenance	\$1,292,788	\$1,145,817	\$1,156,479	\$1,725,433	\$1,668,383	\$1,333,891
	Capital Tools	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
	Fixed Route	\$6,898,277	\$9,274,042	\$11,766,440			
	Flex Vehicles		\$220,500		\$486,202	\$0	
	Non-Revenue Vehicle	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000
	Paratransit Vehicle	\$1,122,100	\$1,122,100	\$1,122,100	\$1,122,100	\$1,122,100	\$1,122,100
	Trolley						\$5,853,538
Vehicles Total		\$9,673,164	\$11,922,459	\$14,205,019	\$3,493,736	\$2,950,483	\$8,469,528
Grand Total		\$20,186,631	\$15,769,612	\$16,061,019	\$4,229,736	\$3,646,483	\$9,165,528

Federal funds are accrued each year, particularly for bus and van purchases. This enables the Authority to match purchases with the retirement schedule for vehicles.

**Rhode Island Public Transit Authority
Grant Funded Plan
Rhode Island Capital Asset Protection Match by Fiscal Year**

Match RICAP

Year	Program	Project	Values			
			Sum of Requested Budget	Sum of Grant Amount	Sum of Match Amount	
2016	Land & Building Repairs / Preventative Maintenance	College Hill Bus Tunnel	\$500,000	\$400,000	\$100,000	
		Future Facilities Maintenance	\$100,000	\$80,000	\$20,000	
		Hastings Unit Elmwood	\$325,000	\$260,000	\$65,000	
		Hastings Unit Newport	\$250,000	\$200,000	\$50,000	
		Kennedy Plaza Building Improvements	\$267,320	\$213,856	\$53,464	
		1% Security Plan	\$350,000	\$280,000	\$70,000	
	Safety & Security					
2016 Total			\$1,792,320	\$1,433,856	\$358,464	
2017	Land & Building Repairs / Preventative Maintenance	College Hill Bus Tunnel	\$475,000	\$380,000	\$95,000	
		Future Facilities Maintenance	\$100,000	\$80,000	\$20,000	
		1% Security Plan	\$350,000	\$280,000	\$70,000	
	Safety & Security					
2017 Total			\$925,000	\$740,000	\$185,000	
2018	Land & Building Repairs / Preventative Maintenance	Future Facilities Maintenance	\$100,000	\$80,000	\$20,000	
		1% Security Plan	\$350,000	\$280,000	\$70,000	
		Safety & Security				
		Vehicles	Fixed Route	\$14,708,050	\$11,766,440	\$2,941,610
2018 Total			\$15,158,050	\$12,126,440	\$3,031,610	
2019	Land & Building Repairs / Preventative Maintenance	Future Facilities Maintenance	\$100,000	\$80,000	\$20,000	
		1% Security Plan	\$350,000	\$280,000	\$70,000	
2019 Total			\$450,000	\$360,000	\$90,000	
2020	Land & Building Repairs / Preventative Maintenance	Future Facilities Maintenance	\$100,000	\$80,000	\$20,000	
		1% Security Plan	\$350,000	\$280,000	\$70,000	
2020 Total			\$450,000	\$360,000	\$90,000	
2021	Land & Building Repairs / Preventative Maintenance	Future Facilities Maintenance	\$100,000	\$80,000	\$20,000	
		Safety & Security	1% Security Plan	\$350,000	\$280,000	\$70,000
		Vehicles	Trolley	\$7,316,922	\$5,853,538	\$1,463,384
2021 Total			\$7,766,922	\$6,213,538	\$1,553,384	
Grand Total			\$26,542,292	\$21,233,834	\$5,308,458	

**Rhode Island Public Transit Authority
Grant Funded Plan
Capital Revolving Loan Fund Match by Fiscal Year**

Match CRLF

Year	Program	Project	Values		
			Sum of Requested Budget	Sum of Grant Amount	Sum of Match Amount
2016	Information Technology Replacement	ATMS	\$870,763	\$696,611	\$174,153
		Fuel & Fluid Management System	\$840,000	\$672,000	\$168,000
		Hastus Upgrade & Expansion	\$950,000	\$760,000	\$190,000
		IVR System	\$180,000	\$144,000	\$36,000
		One Solution	\$1,000,000	\$800,000	\$200,000
		Phone System	\$200,000	\$160,000	\$40,000
		Redundancy / Disaster Recovery	\$2,110,000	\$1,688,000	\$422,000
	Vehicles	Non-Revenue Vehicle	\$150,000	\$120,000	\$30,000
2016 Total			\$6,300,763	\$5,040,611	\$1,260,153
2017	Information Technology Replacement	ATMS	\$217,691	\$174,153	\$43,538
		Hastus Upgrade & Expansion	\$950,000	\$760,000	\$190,000
	Vehicles	Non-Revenue Vehicle	\$150,000	\$120,000	\$30,000
2017 Total			\$1,317,691	\$1,054,153	\$263,538
2018	Vehicles	Non-Revenue Vehicle	\$150,000	\$120,000	\$30,000
2018 Total			\$150,000	\$120,000	\$30,000
2019	Vehicles	Non-Revenue Vehicle	\$150,000	\$120,000	\$30,000
2019 Total			\$150,000	\$120,000	\$30,000
2020	Vehicles	Non-Revenue Vehicle	\$150,000	\$120,000	\$30,000
2020 Total			\$150,000	\$120,000	\$30,000
2021	Vehicles	Non-Revenue Vehicle	\$150,000	\$120,000	\$30,000
2021 Total			\$150,000	\$120,000	\$30,000
Grand Total			\$8,218,454	\$6,574,763	\$1,643,691

Rhode Island Public Transit Authority
Grant Funded Plan
RIPTA Capital Match by Fiscal Year

Match RIPTA Capital Match

			Values		
Year	Program	Project	Sum of Requested Budget	Sum of Grant Amount	Sum of Match Amount
2016	Information Technology Replacement	Newport Data Closet	\$75,000	\$60,000	\$15,000
		Replacement IT Equipment	\$300,000	\$240,000	\$60,000
	Land & Building Repairs / Preventative Maintenance	750 Elmwood HVAC Upgrade	\$260,000	\$208,000	\$52,000
		Fill Pit and Install lift @ Newport	\$250,000	\$200,000	\$50,000
		Replacement of Office Equipment	\$20,000	\$16,000	\$4,000
2016 Total		\$905,000	\$724,000	\$181,000	
2017	Information Technology Replacement	Replacement IT Equipment	\$300,000	\$240,000	\$60,000
		Land & Building Repairs / Preventative Maintenance	Maintenance Shop Center Floor Drain	\$140,000	\$112,000
		Replacement of Office Equipment	\$20,000	\$16,000	\$4,000
2017 Total		\$460,000	\$368,000	\$92,000	
2018	Information Technology Replacement	Replacement IT Equipment	\$300,000	\$240,000	\$60,000
		Land & Building Repairs / Preventative Maintenance	Replacement of Office Equipment	\$20,000	\$16,000
2018 Total		\$320,000	\$256,000	\$64,000	
2019	Information Technology Replacement	Replacement IT Equipment	\$300,000	\$240,000	\$60,000
		Land & Building Repairs / Preventative Maintenance	Replacement of Office Equipment	\$20,000	\$16,000
2019 Total		\$320,000	\$256,000	\$64,000	
2020	Information Technology Replacement	Replacement IT Equipment	\$300,000	\$240,000	\$60,000
		Land & Building Repairs / Preventative Maintenance	Replacement of Office Equipment	\$20,000	\$16,000
2020 Total		\$320,000	\$256,000	\$64,000	
2021	Information Technology Replacement	Replacement IT Equipment	\$300,000	\$240,000	\$60,000
		Land & Building Repairs / Preventative Maintenance	Replacement of Office Equipment	\$20,000	\$16,000
2021 Total		\$320,000	\$256,000	\$64,000	
Grand Total			\$2,645,000	\$2,116,000	\$529,000

**Rhode Island Public Transit Authority
Grant Funded Plan
RIPTA Operating Match by Fiscal Year**

Match RIPTA Operating

Year	Program	Project	Values		
			Sum of Requested Budget	Sum of Grant Amount	Sum of Match Amount
2016	Information Technology Replacement	Bus Pass Database	\$40,000	\$32,000	\$8,000
		Replacement of 5 Security DVR's	\$175,000	\$140,000	\$35,000
	Land & Building Repairs / Preventative Maintenance	269 Electrical Audit	\$260,000	\$208,000	\$52,000
		Back-up Generator	\$160,000	\$128,000	\$32,000
	Land Building and Transit Enhancements	Bus Stop Design Manual	\$100,000	\$80,000	\$10,000
		Commuter Services Planning Study	\$150,000	\$120,000	\$15,000
		Digital Display Security Boards	\$50,000	\$40,000	\$10,000
		Providence Transit Development Plan	\$150,000	\$120,000	\$30,000
		Strategic Plan Update	\$50,000	\$40,000	\$10,000
		Transit Signal Prioritization Expansion	\$150,000	\$120,000	\$30,000
		Website Enhancements	\$75,000	\$60,000	\$15,000
	Vehicles	Associated Capital Maintenance	\$1,615,984	\$1,292,788	\$323,197
		Capital Tools	\$50,000	\$40,000	\$10,000
	2016 Total			\$3,025,984	\$2,420,788
2017	Information Technology Replacement	Cyber Security	\$100,000	\$80,000	\$20,000
		Commuter Services Planning Study	\$150,000	\$120,000	\$15,000
	Land Building and Transit Enhancements	Digital Display Security Boards	\$50,000	\$40,000	\$10,000
		Farebox Upgrade	\$1,500,000	\$1,200,000	\$300,000
		Origin/Destination Analysis	\$100,000	\$80,000	\$20,000
		Providence Transit Development Plan	\$100,000	\$80,000	\$20,000
	Vehicles	Associated Capital Maintenance	\$1,432,272	\$1,145,817	\$286,454
		Capital Tools	\$50,000	\$40,000	\$10,000
2017 Total			\$3,482,272	\$2,785,817	\$681,454
2018	Land Building and Transit Enhancements	Comprehensive Operational Analysis	\$500,000	\$400,000	\$100,000
		Digital Display Security Boards	\$50,000	\$40,000	\$10,000
		Farebox Upgrade	\$900,000	\$720,000	\$180,000
	Vehicles	Associated Capital Maintenance	\$1,445,599	\$1,156,479	\$289,120
		Capital Tools	\$50,000	\$40,000	\$10,000
2018 Total			\$2,945,599	\$2,356,479	\$589,120
2019	Land Building and Transit Enhancements	Digital Display Security Boards	\$50,000	\$40,000	\$10,000
		Vehicles	Associated Capital Maintenance	\$2,156,792	\$1,725,433
	Capital Tools	\$50,000	\$40,000	\$10,000	
2019 Total			\$2,256,792	\$1,805,433	\$451,358
2020	Vehicles	Associated Capital Maintenance	\$2,085,478	\$1,668,383	\$417,096
		Capital Tools	\$50,000	\$40,000	\$10,000
2020 Total			\$2,135,478	\$1,708,383	\$427,096
2021	Vehicles	Associated Capital Maintenance	\$1,667,363	\$1,333,891	\$333,473
		Capital Tools	\$50,000	\$40,000	\$10,000
2021 Total			\$1,717,363	\$1,373,891	\$343,473
Grand Total			\$15,563,489	\$12,450,791	\$3,072,698

Rhode Island Public Transit Authority
Grant Funded Plan
Fiscal Year 2016 - 2021

Sum of Requested Budget Program	Project	Year						Grand Total
		2016	2017	2018	2019	2020	2021	
Information Technology Replacement	ATMS	\$870,763	\$217,691					\$1,088,454
	Bus Pass Database	\$40,000						\$40,000
	Fuel & Fluid Management System	\$840,000						\$840,000
	Hestus Upgrade & Expansion	\$950,000	\$950,000					\$1,900,000
	IVR System	\$180,000						\$180,000
	Newport Data Closet	\$75,000						\$75,000
	One Solution	\$1,000,000						\$1,000,000
	Phone System	\$200,000						\$200,000
	Replacement IT Equipment	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,800,000
	Replacement of 5 Security DVR's	\$175,000						\$175,000
	Redundancy / Disaster Recovery	\$2,110,000						\$2,110,000
	Cyber Security		\$100,000					\$100,000
Information Technology Replacement Total		\$6,740,763	\$1,567,691	\$300,000	\$300,000	\$300,000	\$300,000	\$9,508,454
Land & Building Repairs / Preventative Maintenance	269 Electrical Audit	\$260,000						\$260,000
	750 Elmwood HVAC Upgrade	\$260,000						\$260,000
	Back-up Generator	\$160,000						\$160,000
	College Hill Bus Tunnel	\$500,000	\$475,000					\$975,000
	Fill Pit and Install Lift @ Newport	\$250,000						\$250,000
	Future Facilities Maintenance	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
	Hastings Unit Elmwood	\$325,000						\$325,000
	Hastings Unit Newport	\$250,000						\$250,000
	Kennedy Plaza Building Improvements	\$267,320						\$267,320
	Maintenance Shop Center Floor Drain		\$140,000					\$140,000
	Replacement of Office Equipment	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Land & Building Repairs / Preventative Maintenance Total		\$2,392,320	\$735,000	\$120,000	\$120,000	\$120,000	\$120,000	\$3,607,320
Land Building and Transit Enhancements	Bus Stop Design Manual	\$100,000						\$100,000
	Commuter Services Planning Study	\$150,000	\$150,000					\$300,000
	Comprehensive Operational Analysis			\$500,000				\$500,000
	Digital Display Security Boards	\$50,000	\$50,000	\$50,000	\$50,000			\$200,000
	Farebox Upgrade		\$1,500,000	\$900,000				\$2,400,000
	Origin/Destination Analysis		\$100,000					\$100,000
	Providence Transit Development Plan	\$150,000	\$100,000					\$250,000
	Quonset/Warwick Transit Plan	\$75,000						\$75,000
	RIDOT Bus Park N Ride Improvements	\$350,000						\$350,000
	Strategic Plan Update	\$50,000						\$50,000
	TransArt	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000
	Transit Hub Newport	\$1,780,000						\$1,780,000
	Transit Hub Pawtucket	\$156,250	\$156,250					\$312,500
	Transit Hub Warwick	\$150,000						\$150,000
	Transit Signal Prioritization Expansion	\$150,000						\$150,000
	Website Enhancements	\$75,000						\$75,000
Land Building and Transit Enhancements Total		\$3,436,250	\$2,156,250	\$1,550,000	\$150,000	\$100,000	\$100,000	\$7,492,500
Safety & Security	1% Security Plan	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$2,100,000
Safety & Security Total		\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$2,100,000
Vehicles	Accessible Taxi Cabs	\$250,000						\$250,000
	Associated Capital Maintenance	\$1,615,984	\$1,432,272	\$1,445,599	\$2,156,792	\$2,085,478	\$1,667,363	\$10,403,489
	Capital Tools	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
	Fixed Route	\$8,622,846	\$11,592,552	\$14,708,050				\$34,923,448
	Flex Vehicles		\$275,625		\$607,753	\$0		\$883,378
	Non-Revenue Vehicle	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000
	Paratransit Vehicle	\$1,402,625	\$1,402,625	\$1,402,625	\$1,402,625	\$1,402,625	\$1,402,625	\$8,415,750
	Trolley						\$7,316,922	\$7,316,922
Vehicles Total		\$12,091,455	\$14,903,074	\$17,756,274	\$4,367,170	\$3,688,103	\$10,586,910	\$63,392,987
Grand Total		\$25,010,789	\$19,712,015	\$20,076,274	\$5,287,170	\$4,558,103	\$11,456,910	\$86,101,261

Rhode Island Public Transit Authority
Grant Funded Plan
FY 2016

Year 2016

Program	Project	Match	Values		
			Sum of Requested Budget	Sum of Grant Amount	Sum of Match Amount
Information Technology Replacement	ATMS	CRLF	\$870,763	\$696,611	\$174,153
	Bus Pass Database	RIPTA Operating	\$40,000	\$32,000	\$8,000
	Fuel & Fluid Management System	CRLF	\$840,000	\$672,000	\$168,000
	Hastus Upgrade & Expansion	CRLF	\$950,000	\$760,000	\$190,000
	IVR System	CRLF	\$180,000	\$144,000	\$36,000
	Newport Data Closet	RIPTA Capital Match	\$75,000	\$60,000	\$15,000
	One Solution	CRLF	\$1,000,000	\$800,000	\$200,000
	Phone System	CRLF	\$200,000	\$160,000	\$40,000
	Replacement IT Equipment	RIPTA Capital Match	\$300,000	\$240,000	\$60,000
	Replacement of 5 Security DVR's	RIPTA Operating	\$175,000	\$140,000	\$35,000
	Redundancy / Disaster Recovery	CRLF	\$2,110,000	\$1,688,000	\$422,000
Information Technology Replacement Total			\$6,740,763	\$5,392,611	\$1,348,153
Land & Building Repairs / Preventative Maintenance	269 Electrical Audit	RIPTA Operating	\$260,000	\$208,000	\$52,000
	750 Elmwood HVAC Upgrade	RIPTA Capital Match	\$260,000	\$208,000	\$52,000
	Back-up Generator	RIPTA Operating	\$160,000	\$128,000	\$32,000
	College Hill Bus Tunnel	RICAP	\$500,000	\$400,000	\$100,000
	Fill Pit and Install lift @ Newport	RIPTA Capital Match	\$250,000	\$200,000	\$50,000
	Future Facilities Maintenance	RICAP	\$100,000	\$80,000	\$20,000
	Hastings Unit Elmwood	RICAP	\$325,000	\$260,000	\$65,000
	Hastings Unit Newport	RICAP	\$250,000	\$200,000	\$50,000
	Kennedy Plaza Building Improvements	RICAP	\$267,320	\$213,856	\$53,464
	Replacement of Office Equipment	RIPTA Capital Match	\$20,000	\$16,000	\$4,000
Land & Building Repairs / Preventative Maintenance Total			\$2,392,320	\$1,913,856	\$478,464
Land Building and Transit Enhancements	Bus Stop Design Manual	RIDOT	\$0	\$0	\$10,000
		RIPTA Operating	\$100,000	\$80,000	\$10,000
	Commuter Services Planning Study	RIDOT	\$0	\$0	\$15,000
		RIPTA Operating	\$150,000	\$120,000	\$15,000
	Digital Display Security Boards	RIPTA Operating	\$50,000	\$40,000	\$10,000
	Providence Transit Development Plan	RIPTA Operating	\$150,000	\$120,000	\$30,000
	Quonset/Warwick Transit Plan	Local	\$75,000	\$60,000	\$15,000
	RIDOT Bus Park N Ride Improvements	RIDOT	\$350,000	\$280,000	\$70,000
	Strategic Plan Update	RIPTA Operating	\$50,000	\$40,000	\$10,000
	TransArt	Local	\$200,000	\$160,000	\$40,000
	Transit Hub Newport	Local	\$1,780,000	\$1,602,000	\$178,000
	Transit Hub Pawtucket	Local	\$156,250	\$125,000	\$31,250
	Transit Hub Warwick	Local	\$150,000	\$120,000	\$30,000
	Transit Signal Prioritization Expansion	RIPTA Operating	\$150,000	\$120,000	\$30,000
	Website Enhancements	RIPTA Operating	\$75,000	\$60,000	\$15,000
Land Building and Transit Enhancements Total			\$3,436,250	\$2,927,000	\$509,250
Safety & Security	1% Security Plan	RICAP	\$350,000	\$280,000	\$70,000
Safety & Security Total			\$350,000	\$280,000	\$70,000
Vehicles	Accessible Taxi Cabs	Local	\$250,000	\$200,000	\$50,000
	Associated Capital Maintenance	RIPTA Operating	\$1,615,984	\$1,292,788	\$323,197
	Capital Tools	RIPTA Operating	\$50,000	\$40,000	\$10,000
	Fixed Route	SFRLF	\$8,622,846	\$6,898,277	\$1,724,569
	Non-Revenue Vehicle	CRLF	\$150,000	\$120,000	\$30,000
	Paratransit Vehicle	PRLF	\$1,402,625	\$1,122,100	\$280,525
Vehicles Total			\$12,091,455	\$9,673,164	\$2,418,291
Grand Total			\$25,010,789	\$20,186,631	\$4,824,158

Rhode Island Public Transit Authority
Grant Funded Plan
FY 2017

Year 2017

Program	Project	Match	Values		
			Sum of Requested Budget	Sum of Grant Amount	Sum of Match Amount
Information Technology Replacement	ATMS	CRLF	\$217,691	\$174,153	\$43,538
	Hastus Upgrade & Expansion	CRLF	\$950,000	\$760,000	\$190,000
	Replacement IT Equipment	RIPTA Capital Match	\$300,000	\$240,000	\$60,000
	Cyber Security	RIPTA Operating	\$100,000	\$80,000	\$20,000
Information Technology Replacement Total			\$1,567,691	\$1,254,153	\$313,538
Land & Building Repairs / Preventative Maintenance	College Hill Bus Tunnel	RICAP	\$475,000	\$380,000	\$95,000
	Future Facilities Maintenance	RICAP	\$100,000	\$80,000	\$20,000
	Maintenance Shop Center Floor Drain	RIPTA Capital Match	\$140,000	\$112,000	\$28,000
	Replacement of Office Equipment	RIPTA Capital Match	\$20,000	\$16,000	\$4,000
Land & Building Repairs / Preventative Maintenance Total			\$735,000	\$588,000	\$147,000
Land Building and Transit Enhancements	Commuter Services Planning Study	RIDOT	\$0	\$0	\$15,000
		RIPTA Operating	\$150,000	\$120,000	\$15,000
	Digital Display Security Boards	RIPTA Operating	\$50,000	\$40,000	\$10,000
	Farebox Upgrade	RIPTA Operating	\$1,500,000	\$1,200,000	\$300,000
	Origin/Destination Analysis	RIPTA Operating	\$100,000	\$80,000	\$20,000
	Providence Transit Development Plan	RIPTA Operating	\$100,000	\$80,000	\$20,000
	TransArt	Local	\$100,000	\$80,000	\$20,000
	Transit Hub Pawtucket	Local	\$156,250	\$125,000	\$31,250
Land Building and Transit Enhancements Total			\$2,156,250	\$1,725,000	\$431,250
Safety & Security	1% Security Plan	RICAP	\$350,000	\$280,000	\$70,000
Safety & Security Total			\$350,000	\$280,000	\$70,000
Vehicles	Associated Capital Maintenance	RIPTA Operating	\$1,432,272	\$1,145,817	\$286,454
	Capital Tools	RIPTA Operating	\$50,000	\$40,000	\$10,000
	Fixed Route	SFRLF	\$11,592,552	\$9,274,042	\$2,318,510
	Flex Vehicles	SFRLF	\$275,625	\$220,500	\$55,125
	Non-Revenue Vehicle	CRLF	\$150,000	\$120,000	\$30,000
	Paratransit Vehicle	PRLF	\$1,402,625	\$1,122,100	\$280,525
Vehicles Total			\$14,903,074	\$11,922,459	\$2,980,615
Grand Total			\$19,712,015	\$15,769,612	\$3,942,403

Rhode Island Public Transit Authority
Grant Funded Plan
FY 2018

Year 2018

			Values		
Program	Project	Match	Sum of Requested Budget	Sum of Grant Amount	Sum of Match Amount
Information Technology Replacement	Replacement IT Equipment	RIPTA Capital Match	\$300,000	\$240,000	\$60,000
Information Technology Replacement Total			\$300,000	\$240,000	\$60,000
Land & Building Repairs / Preventative Maintenance	Future Facilities Maintenance	RICAP	\$100,000	\$80,000	\$20,000
	Replacement of Office Equipment	RIPTA Capital Match	\$20,000	\$16,000	\$4,000
Land & Building Repairs / Preventative Maintenance Total			\$120,000	\$96,000	\$24,000
Land Building and Transit Enhancements	Comprehensive Operational Analysis	RIPTA Operating	\$500,000	\$400,000	\$100,000
	Digital Display Security Boards	RIPTA Operating	\$50,000	\$40,000	\$10,000
	Farebox Upgrade	RIPTA Operating	\$900,000	\$720,000	\$180,000
	TransArt	Local	\$100,000	\$80,000	\$20,000
Land Building and Transit Enhancements Total			\$1,550,000	\$1,240,000	\$310,000
Safety & Security	1% Security Plan	RICAP	\$350,000	\$280,000	\$70,000
Safety & Security Total			\$350,000	\$280,000	\$70,000
Vehicles	Associated Capital Maintenance	RIPTA Operating	\$1,445,599	\$1,156,479	\$289,120
	Capital Tools	RIPTA Operating	\$50,000	\$40,000	\$10,000
	Fixed Route	RICAP	\$14,708,050	\$11,766,440	\$2,941,610
	Non-Revenue Vehicle	CRLF	\$150,000	\$120,000	\$30,000
	Paratransit Vehicle	PRLF	\$1,402,625	\$1,122,100	\$280,525
Vehicles Total			\$17,756,274	\$14,205,019	\$3,551,255
Grand Total			\$20,076,274	\$16,061,019	\$4,015,255

**Rhode Island Public Transit Authority
Grant Funded Plan
FY 2019**

Year 2019

			Values		
Department	Project	Match	Sum of Requested Budget	Sum of Grant Amount	Sum of Match Amount
Information Technology	Replacement IT Equipment	RIPTA Capital Match	\$300,000	\$240,000	\$60,000
Information Technology Total			\$300,000	\$240,000	\$60,000
Maintenance	Capital Tools	RIPTA Operating	\$50,000	\$40,000	\$10,000
	Future Facilities Maintenance	RICAP	\$100,000	\$80,000	\$20,000
Maintenance Total			\$150,000	\$120,000	\$30,000
Planning	TransArt	Local	\$100,000	\$80,000	\$20,000
Planning Total			\$100,000	\$80,000	\$20,000
Public Affairs	Digital Display Security Boards	RIPTA Operating	\$50,000	\$40,000	\$10,000
Public Affairs Total			\$50,000	\$40,000	\$10,000
Security	1% Security Plan	RICAP	\$350,000	\$280,000	\$70,000
Security Total			\$350,000	\$280,000	\$70,000
Vehicles	Associated Capital Maintenance	RIPTA Operating	\$2,156,792	\$1,725,433	\$431,358
	Flex Vehicles	SFRLF	\$607,753	\$486,202	\$121,551
	Non-Revenue Vehicle	CRLF	\$150,000	\$120,000	\$30,000
	Paratransit Vehicle	PRLF	\$1,402,625	\$1,122,100	\$280,525
Vehicles Total			\$4,317,170	\$3,453,736	\$863,434
RIPTA	Replacement of Office Equipment	RIPTA Capital Match	\$20,000	\$16,000	\$4,000
RIPTA Total			\$20,000	\$16,000	\$4,000
Grand Total			\$5,287,170	\$4,229,736	\$1,057,434

Rhode Island Public Transit Authority
Grant Funded Plan
FY 2020

Year 2020

Program	Project	Match	Values		
			Sum of Requested Budget	Sum of Grant Amount	Sum of Match Amount
Information Technology Replacement	Replacement IT Equipment	RIPTA Capital Match	\$300,000	\$240,000	\$60,000
Information Technology Replacement Total			\$300,000	\$240,000	\$60,000
Land & Building Repairs / Preventative Maintenance	Future Facilities Maintenance	RICAP	\$100,000	\$80,000	\$20,000
	Replacement of Office Equipment	RIPTA Capital Match	\$20,000	\$16,000	\$4,000
Land & Building Repairs / Preventative Maintenance Total			\$120,000	\$96,000	\$24,000
Land Building and Transit Enhancements	TransArt	Local	\$100,000	\$80,000	\$20,000
Land Building and Transit Enhancements Total			\$100,000	\$80,000	\$20,000
Safety & Security	1% Security Plan	RICAP	\$350,000	\$280,000	\$70,000
Safety & Security Total			\$350,000	\$280,000	\$70,000
Vehicles	Associated Capital Maintenance	RIPTA Operating	\$2,085,478	\$1,668,383	\$417,096
	Capital Tools	RIPTA Operating	\$50,000	\$40,000	\$10,000
	Flex Vehicles	SFRLF	\$0	\$0	\$0
	Non-Revenue Vehicle	CRLF	\$150,000	\$120,000	\$30,000
	Paratransit Vehicle	PRLF	\$1,402,625	\$1,122,100	\$280,525
Vehicles Total			\$3,688,103	\$2,950,483	\$737,621
Grand Total			\$4,558,103	\$3,646,483	\$911,621

Rhode Island Public Transit Authority
Grant Funded Plan
FY 2021

Year	2021				
Program	Project	Match	Values		
			Sum of Requested Budget	Sum of Grant Amount	Sum of Match Amount
Information Technology Replacement	Replacement IT Equipment	RIPTA Capital Match	\$300,000	\$240,000	\$60,000
Information Technology Replacement Total			\$300,000	\$240,000	\$60,000
Land & Building Repairs / Preventative Maintenance	Future Facilities Maintenance	RICAP	\$100,000	\$80,000	\$20,000
	Replacement of Office Equipment	RIPTA Capital Match	\$20,000	\$16,000	\$4,000
Land & Building Repairs / Preventative Maintenance Total			\$120,000	\$96,000	\$24,000
Land Building and Transit Enhancements	TransArt	Local	\$100,000	\$80,000	\$20,000
Land Building and Transit Enhancements Total			\$100,000	\$80,000	\$20,000
Safety & Security	1% Security Plan	RICAP	\$350,000	\$280,000	\$70,000
Safety & Security Total			\$350,000	\$280,000	\$70,000
Vehicles	Associated Capital Maintenance	RIPTA Operating	\$1,667,363	\$1,333,891	\$333,473
	Capital Tools	RIPTA Operating	\$50,000	\$40,000	\$10,000
	Non-Revenue Vehicle	CRLF	\$150,000	\$120,000	\$30,000
	Paratransit Vehicle	PRLF	\$1,402,625	\$1,122,100	\$280,525
	Trolley	RICAP	\$7,316,922	\$5,853,538	\$1,463,384
Vehicles Total			\$10,586,910	\$8,469,528	\$2,117,382
Grand Total			\$11,456,910	\$9,165,528	\$2,291,382