



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Priority Ranking	Project ID	Project Name	Total Funding
1	CRST1	Cranston Career & Tech. Projects	\$3,278,260
2	TECH1	LEA Technology Infrastructure	\$20,000,000
3	CEIS	ITI - Comprehensive Education Information System	\$7,615,286
4	WOONCT	Woonsocket Career & Tech. Projects	\$3,194,250
5	WARCT1	Warwick Career & Tech. Projects	\$3,135,040
6	DAV2	Davies Career and Tech. School HVAC	\$5,110,790
7	MC4	Metropolitan Career and Tech HVAC	\$6,386,370
8	DAV5	Davies Career and Tech. School Asset Protection	\$2,818,790
9	MC3	Met School Asset Protection	\$2,276,357
10	MC2	Metropolitan Career and Tech - East Bay	\$9,115,687
11	SD3	School for the Deaf - Renovation/New Construction	\$30,937,501
Agency Total:			\$93,868,331

Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **CRST1 Cranston Career & Tech. Projects**

Project Description:

The Board of Education, Department of Administration and City of Cranston reached an agreement to transfer the Career and Technical Center on June 4, 2013. The facility will transfer to the City of Cranston upon receiving a final payment on August 15, 2014.

The Board of Education requests \$3.3 million in total to cover remaining miscellaneous code required life and fire safety repairs, roof replacement, and heating, ventilation and air conditioning (HVAC) replacement at the Cranston Career and Technical Center. The Cranston School District has agreed to accept transfer of the Career and Technical Center and this request will finalize the transfer. The work was divided over three years spanning FY 2013 to FY 2015, with the final payment of \$400,000 to occur in FY 2015.

This request will partially cover the shortfall from a \$15 million bond issued in November of 2004 needed to address "high priority" renovations and repairs at the career and technical centers. Voters had approved the \$15 million bond to make long-overdue repairs and improvements to the state's career and technical centers.

The \$15 million figure was determined by adding preliminary estimates provided by the individual schools. There was considerable variation in the quality of these estimates and concerns that the \$15 million might not cover even the most urgent facilities needs. Architects were engaged to prioritize needed work and to develop a scope of work of the highest needs for each school, including building, fire, energy, security codes, life safety requirements, and ADA compliance. The work was prioritized into the following categories: 1 - immediately; 2 - within one to five years; or 3 - within five to ten years.

Project Justification:

The existing membrane roofing system at the Cranston Career and Technical Center is over 20 years and in need of replacement. There are numerous roof leaks throughout the facility. These Priority 1 repairs are necessary for the safety of students and staff in these buildings, to protect investments the state has already made with the \$15 million bond proceeds and to address the final issues to ensure the state-owned centers are in compliance with RI's fire and life safety codes. The state has proposed that the state-owned career and technical centers be transferred back to the districts that house them, which would result in state savings on insurance and emergency repairs. The state has committed significant funds to renovate these facilities, including the \$15 million bond referenced above, as well as RICAP funds to cover life safety issues in an attempt to get districts to take ownership of these facilities. Cranston was unwilling to take the building back in its previous condition. This request will address the abovementioned repairs so that Cranston will accept the transfer of the facility. Cranston Public Schools conducted a feasibility study that indicated the building had \$5 million in need. RIDE negotiated with Cranston Public Schools and they accepted the transfer for \$3.3 million.

Project Status:

The building will be transferred to Cranston in August 2014 and this project will be complete. Any further work will be performed by Cranston and reimbursed through the School Housing Aid process like any other district-owned building.

Strategic Criteria



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Project ID/Name: **CRST1 Cranston Career & Tech. Projects**

Safety Concerns Major

Safety Narrative

Without an operating HVAC system at Cranston, there will be climate control issues throughout the year. As they now stand, the current facilities are not equipped to offer the state-of-the-art training needed in order to successfully enter careers in growth industries.

Code Violations Major

Code Narrative

Funding will cover critical building code violations, HVAC, and fire alarm repairs, needed to meet building codes and the new fire code standards.

Energy Impact Major Positive

Energy Narrative

HVAC repairs are expected to have a major positive impact on the energy efficiency of these facilities.

Customer Service Major

Customer Narrative

Students and teachers expect and deserve a safe learning environment. Prospective students and their parents touring the school would find buildings in need of critical repair. Since these are State-owned schools, the state is responsible for every individual in these buildings.

Geographic Significance Statewide

Geographic Narrative

The State-owned career and technical centers are scattered throughout Rhode Island and their presence has a positive impact on the surrounding neighborhoods, including the increase of property values.

Agency Mission High

Agency Narrative

The mission of schools is to educate students in a safe and healthy learning environment and provide a safe work environment for all staff. Appropriate measures must be implemented by the state so that students are able to learn and staff is able to teach the skills needed to prosper in a chosen trade.

User Financing 0

User Narrative

Asset Management Mixed

Asset Narrative

These funds will support needed repair and/or renovation projects at the state-owned career and technical center.

Operating Minor

Operating Narrative

Once the building is brought up to code, the state will transfer the career and technical centers to the district. Cranston was unwilling to accept the building in its current condition. Once the building is transferred back to the district, RIDE will save funds related to emergency repairs and insurance costs for the facilities.

Historic Preservation No

Historic Narrative



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Project ID/Name: **CRST1 Cranston Career & Tech. Projects**

Budgeted Yes
Budget Narrative

Critical Criteria

Critical Life Safety Yes
Critical Life Safety Narrative

The life safety updates, roof replacement, and HVAC improvements are critical life safety issues.

Critical Legal Liability Yes
Critical Legal Liability Narrative

Since this is a state-owned school, the state would be liable for any injuries resulting from an out-of-code building.

Prior Binding Commitment No
Prior Binding Commitment Narrative

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: CRST1 Cranston Career & Tech. Projects

Status: Plan										
RI Capital Plan Fund	7072110	\$2,878,260	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,278,260
<i>Subtotal Plan</i>		\$2,878,260	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,278,260
Status: Request										
RI Capital Plan Fund	7072110	\$2,878,260	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,278,260
<i>Subtotal Request</i>		\$2,878,260	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,278,260

Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **TECH1 LEA Technology Infrastructure**

Project Description:

The Rhode Island Department of Elementary and Secondary Education, has embarked on several bold and aggressive educational reform initiatives as outlined in the Department's Strategic Plan. These initiatives, occurring both nationally and within the state, will require funding and resources. As a recipient of the Race to the Top grant the State received \$75 million to support five systems of reform; Standards and Curriculum; Instructional Improvement Systems; Educator Effectiveness; Human Capital; and School Transformation and Innovation. The Department is building four data platforms to manage the information that will be needed to track student, teacher, and school performance. As the Department and its education partners design and develop these data systems additional funding will be required to increase technology capacity in Rhode Island districts and schools by making improvements to schools infrastructures. Currently, Rhode Island public schools buildings have a varying degree of technical capacity. Upgrading many of these school's classrooms into classrooms ready for the 21st century is the only way to exceed standards and raise test scores. To help achieve this \$20,000,000 in COPS funding was approved by the 2012 General Assembly to assure that all LEAs are able to access the comprehensive data systems being developed.

Project Justification:

This funding will address the inequitable states of readiness of LEAs to meet the new requirements, focusing on student/teacher information systems, virtual learning, and technology in the classroom. The proceeds from the COPS will primarily be used to extend the wireless access in our classrooms across the state. The proposal will also include a matching request for private funding for the purchase of electronic devices, computer labs, mobile computer carts, and other equipment that will aid in expanded access. By drilling down to each classroom RIDE can be sure that each and every student will have the same access to the tools of the 21st century. This will require that every district be evaluated using a site survey by a certified vendor. The vendor would evaluate items like electrical capacity in a classroom, signal integrity, interference, security and power sources. The results of this survey would specifically map out a plan on how to ready each school's infrastructure for wireless access.

Project Status:

In the Fall of 2012, RIDE created a Wireless Classroom Initiative (WCI) Advisory Committee whose members included District IT Managers, RI's Chief Digital Officer and RIDE Staff. In February of 2013, a Master Price Agreement of 12 qualified vendors was created whose primary first task was to perform the necessary free school site surveys for every school when contacted by an LEA. The site surveys were performed by these qualified vendors during the 2013 Summer, Fall and Winter months. These site surveys of every public, state and charter school, resulted in over 1,200 proposals (a minimum of three proposals per site) being submitted to RIDE for technical review to ensure RIDE's baseline wireless network requirements were proposed. In order to expedite this review and to perform an in depth analysis of submitted proposal, RIDE hired three (3) technical analysts. By January 2014, this team of analysts had concluded its work. During this phase, as analyses were being completed, the WCI team met with districts to assist in the selection of a vendor. As of May 2014, approximately 95% of the submitted proposals have been reviewed with LEAs and 75% of those openings have resulted in a vendor selection. And, 65% of this population has received Grant Award letters, encumbering approximately \$12 million of the bond. RIDE continues to work with LEAs to be sure that all State purchasing and procurement rules are followed. RIDE has also developed an in-house accounting tracking process to accurately reflect the stages LEAs will report to obtain reimbursement. The goal is for all Districts/schools to have completed the implementation of this initiative by January 2015, but no later than Spring 2015. Some final payments may occur in FY 2016 since all work must be tested in operation before final payment can be made.

Strategic Criteria



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Project ID/Name: **TECH1 LEA Technology Infrastructure**

Safety Concerns None
Safety Narrative

Code Violations None
Code Narrative

Energy Impact Minor Positive
Energy Narrative
 More modern technology for the LEAs will also likely be more energy efficient.

Customer Service None
Customer Narrative

Geographic Significance Statewide
Geographic Narrative
 This initiative will help needier LEAs throughout the state to access the technology and systems needed to improve student achievement.

Agency Mission High
Agency Narrative
 Having all LEAs access the new statewide systems is crucial to RIDE's mission to improve student learning throughout the state and especially for the student groups with the largest achievement gaps. This initiative will also deliver instructional opportunities to the classroom allowing all RI students to be globally connected.

User Financing 0
User Narrative
 RIDE has required all eligible districts/schools to apply for funding discounts under the FCC E-rate program.

Asset Management Infrastructure
Asset Narrative

Operating None
Operating Narrative

Historic Preservation No
Historic Narrative

Budgeted Yes
Budget Narrative

Critical Criteria

Critical Life Safety No
Critical Life Safety Narrative

Critical Legal Liability No
Critical Legal Liability Narrative



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Project ID/Name: TECH1 LEA Technology Infrastructure

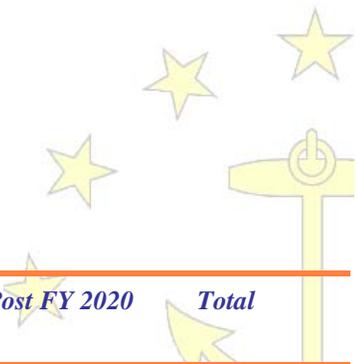
Prior Binding Commitment
Prior Binding Commitment Narrative

No

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: TECH1 LEA Technology Infrastructure

Status: Plan

Certificates of Participation	8931101	\$10,000,000	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000,000
<i>Subtotal Plan</i>		<i>\$10,000,000</i>	<i>\$10,000,000</i>	<i>\$0</i>	<i>\$20,000,000</i>						

Status: Request

Certificates of Participation	8931101	\$2,000,000	\$15,000,000	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000,000
<i>Subtotal Request</i>		<i>\$2,000,000</i>	<i>\$15,000,000</i>	<i>\$3,000,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$20,000,000</i>

Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **CEIS ITI - Comprehensive Education Information System**

Project Description:

CEIS is an information data enterprise system that integrates state and local school information 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 global design of the system is to provide transparency, accountability, performance management, recognize successful practices, and encourage data collection and reporting innovation among the Districts and State. CEIS, now dubbed "RIDEMAP", is a web based portal (<http://ridemap.ride.ri.gov>) that consists of a suite of education application software components that operate within a web-based Enterprise Portal Gateway Website infrastructure. This project has provided funding for a nationally acclaimed automatic data transfer system (ADT) which automatically transfers timely data from the local education agencies (LEAs), validates, and stores in our operational data store (ODS/Data warehouse), reducing the manual burden, while increasing the accuracy of data. The CEIS project has allowed for the building of a state of the art data enterprise, licensing and support of the data warehouse, revisions to the design and development of the uniform chart of accounts, and enhancements to eRIDE to make its data more user friendly and more stream-lined to access with the new Single Sign On (SSO) portal.

This request is to continue the effort for development, implementation, upgrades, and maintenance of the new single sign on system, ridemap.ride.ri.gov portal, and supporting systems. This new portal is the 'one stop shopping' data system which will now incorporate the entire CEIS data enterprise allowing access with one logon. With a tremendous increase in capacity and end users, in FY13 we revamped our outdated backup/disaster-recovery hardware. Because of higher than expected costs of the backup hardware, the wireless network system was delayed by one year and was placed in service in FY14. With this we have addressed accessibility for our internal users, and training sessions via a new managed wireless network system. In FY15 we are addressing additional backup needs and Cloud storage feasibility. Finally, in outer years, we provide for replacement of remaining legacy infrastructure systems, and database systems, purchased prior to the availability of the bond, that are reaching end of life.

Project Justification:

Educators and policymakers recognize the value of better information as an essential tool for improving schools. They understand that when states collect the most relevant data and are able to match individual student records over time, they can answer the questions that are at the core of educational effectiveness. Longitudinal data (data gathered on the same student from year to year) make it possible to: follow students' academic progress as they move from grade to grade; determine the value-added and efficiencies of specific schools and programs; identify consistently high-performing schools so that educators and the public can learn from best practices; evaluate the effect of teacher preparation and training programs on student achievement; and focus school systems on preparing a higher percentage of students to succeed in rigorous high school courses, college and challenging jobs.

Rhode Island Policymakers and educators need longitudinal data systems capable of providing timely, valid and relevant data. Access to these data gives teachers the information they need to tailor instruction to help each student improve, gives administrators the resources and information to effectively and efficiently manage, and enables policymakers to evaluate which policy initiatives show the best evidence of increasing student achievement. Through the efforts of the CEIS and the Race to the Top initiative, all stakeholders will have unprecedented access to timely education data.

Project Status:

To continue the implementation of the Comprehensive Education Information System (CEIS) innovative schools initiative, the Board of Education requests the remaining \$494,041 of the COPS funds under the Innovative Technology



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Project ID/Name: **CEIS ITI - Comprehensive Education Information System**

project. Because of RIDE’s ability to leverage Race to the Top funding, rather than drawing down on the COPS, we have been able to extend the timeline for the COPS longer than originally anticipated. This year’s budget has divided the work over three years spanning FY 2015 to FY 2017, with a request of \$213,000 for FY 2015, \$163,000 for FY 2016, and \$118,041 for FY 2017.

The CEIS project build out is on target for completion and stability by FY17. We have been able to increase our capacity needed for the roll out of the new CEIS portal, dubbed RIDEMAP, from a few hundred users, to an anticipated 10-14 thousand users. The goal of providing a comprehensive education enterprise data system that is convenient, current, and user friendly is coming to fruition. The new Single Sign On (SSO) portal, <http://ridemap.ride.ri.gov> launched in September of 2013. The new Instructional Support System, (ISS), will be on line in June of 2014.

Strategic Criteria

<p>Safety Concerns</p> <p>Safety Narrative</p>	<p>None</p>
<p>Code Violations</p> <p>Code Narrative</p>	<p>None</p>
<p>Energy Impact</p> <p>Energy Narrative</p>	<p>None</p>
<p>Customer Service</p> <p>Customer Narrative</p> <p>This project will provide the public school systems with its' single most powerful tool for school improvement – accurate, up-to-date information about individual student learning, cross referenced to technical assistance, successful practices, and contacts for support networks and professional development. Additional users such as parents and students will also benefit from this project.</p>	<p>Major</p>
<p>Geographic Significance</p> <p>Geographic Narrative</p> <p>The web based deliverables of this project will significantly impact users internally and statewide.</p>	<p>Statewide</p>
<p>Agency Mission</p> <p>Agency Narrative</p> <p>CEIS is a crucial part of supporting schools, teachers, and agency staff with user-friendly data systems. Such data systems are one of 5 main tasks in RIDE’s strategic plan.</p>	<p>High</p>
<p>User Financing</p> <p>User Narrative</p> <p>\$4.6 of Federal Funds from the Race to the Top grant were spent on IT associated with this project.</p>	<p>0</p>
<p>Asset Management</p> <p>Asset Narrative</p>	<p>Infrastructure</p>
<p>Operating</p> <p>Operating Narrative</p>	<p>None</p>



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **CEIS ITI - Comprehensive Education Information System**

Historic Preservation No
Historic Narrative

Budgeted Yes
Budget Narrative

Critical Criteria

Critical Life Safety No
Critical Life Safety Narrative

Critical Legal Liability Yes
Critical Legal Liability Narrative
 In as much as the state's responsibility to comply with the federal mandates created by the No Child Left Behind (NCLB) Act.

Prior Binding Commitment No
Prior Binding Commitment Narrative

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: CEIS ITI - Comprehensive Education Information System

Status: Plan

Certificates of Participation	8923113	\$2,639,284	\$213,000	\$163,000	\$0	\$0	\$0	\$0	\$0	\$3,015,284
Federal Funds	4572128	\$4,600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,600,000
Subtotal Plan		\$7,239,284	\$213,000	\$163,000	\$0	\$0	\$0	\$0	\$0	\$7,615,284

Status: Request

Certificates of Participation	8923105	\$0	\$15,286	\$0	\$0	\$0	\$0	\$0	\$0	\$15,286
Certificates of Participation	8923113	\$2,521,245	\$197,714	\$163,000	\$118,041	\$0	\$0	\$0	\$0	\$3,000,000
Federal Funds	4572128	\$4,600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,600,000
Subtotal Request		\$7,121,245	\$213,000	\$163,000	\$118,041	\$0	\$0	\$0	\$0	\$7,615,286



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**
Project ID/Name: **WOONCT Woonsocket Career & Tech. Projects**

Project Description:

The Board of Education requests \$3,194,250 to replace the roofing system, meet building code requirements and replace aging, failing systems at the Woonsocket Career and Technical Center. Woonsocket Public Schools will not accept transfer of the Career and Technical Center in its current condition. This figure was derived from a new feasibility report on the Career and Technical Center that indicated the roof and mechanical systems were past their useful lives. This year's budget has divided the work over three years spanning FY 2015 to FY 2017, with a request of \$1,829,212 for FY 2015, \$1,008,088 for FY 2016, and \$300,000 for FY 2017.

Similar to the Chariho, Newport, Cranston and East Providence transfer agreement process, this amount will allow the district to consider taking ownership of the facility. Currently, there are two district career and technical centers that are still under state-control and that have no transfer agreement in place. These centers are Warwick and Woonsocket.

This request will partially cover the shortfall from a \$15 million bond issued in November of 2004 needed to address "high priority" renovations and repairs at the career and technical centers. Voters had approved the \$15 million bond to make long-overdue repairs and improvements to the state's career and technical centers. In addition, the facility requires two ADA compliance upgrades, which must occur in FY 2014.

The \$15 million figure was determined by adding preliminary estimates provided by the individual schools. There was considerable variation in the quality of these estimates and concerns that the \$15 million might not cover even the most urgent facilities needs. Architects were engaged to prioritize needed work and to develop a scope of work of the highest needs for each school, including building, fire, energy, security codes, life safety requirements, and ADA compliance. The work was prioritized into the following categories: 1 - immediately; 2 - within one to five years; or 3 - within five to ten years.

Project Justification:

The roof and HVAC are original to the Woonsocket Career and Technical Center. They are each over 40 years old and well past their useful lives. This Priority 1 repair are necessary for the safety of students and staff in these buildings, to protect investments the State has already made with the \$15 million bond proceeds and to address the final issues to ensure all of the State-owned centers are in compliance with RI's fire and life safety codes. The State has proposed that the State-owned career and technical centers be transferred back to the districts that house them, which would result in State savings on insurance and emergency repairs. The State has committed significant funds to renovate these facilities, including the \$15 million bond referenced above, as well as RICAP funds to cover life safety issues in an attempt to get districts to take ownership of these facilities. Woonsocket was unwilling to take the building back in its current condition. This request seeks to address the abovementioned repairs so that Woonsocket will accept the transfer of the facility.

Project Status:

No agreement is in place so no work has been performed yet.

Strategic Criteria

Safety Concerns

Major

Safety Narrative

Leaking roofs can result in a "sick building", possibly causing illness in the students, and may damage furniture, equipment, ceilings,



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Project ID/Name: **WOONCT Woonsocket Career & Tech. Projects**

and flooring. As they now stand, the current facilities are not equipped to offer the state-of-the-art training needed in order to successfully enter careers in growth industries.

Code Violations Major

Code Narrative

The replacement of the roofing system will address a critical building code violation needed to meet building codes and the new fire code standards.

Energy Impact Major Positive

Energy Narrative

Roof repairs are expected to have a major positive impact on the energy efficiency of these facilities.

Customer Service Major

Customer Narrative

Students and teachers expect and deserve a safe learning environment. Prospective students and their parents touring the school would find buildings in need of critical repair. Since these are State-owned schools, the state is responsible for every individual in these buildings.

Geographic Significance Statewide

Geographic Narrative

The State-owned career and technical centers are scattered throughout Rhode Island and their presence has a positive impact on the surrounding neighborhoods, including the increase of property values.

Agency Mission High

Agency Narrative

The mission of schools is to educate the students in a safe and healthy learning environment and provide a safe work environment for all staff. Appropriate measures must be implemented by the state so that students are able to learn and staff is able to teach the skills needed to prosper in a chosen trade.

User Financing 0

User Narrative

Asset Management Asset Protection

Asset Narrative

These funds will replace the roofing system.

Operating Minor

Operating Narrative

If the buildings are brought up to code, the State may be able to transfer the career and technical centers to the districts. Districts are unwilling to accept the buildings in their current condition. If the buildings are transferred back to the districts, RIDE would save funds related to emergency repairs at and insurance costs for the facilities.

Historic Preservation No

Historic Narrative

Budgeted Yes

Budget Narrative



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 Project ID/Name: **WOONCT Woonsocket Career & Tech. Projects**

Critical Criteria

Critical Life Safety	Yes
Critical Life Safety Narrative The potential deterioration of structure as a result of the roofing system failure is a critical life safety emergency issue.	
Critical Legal Liability	Yes
Critical Legal Liability Narrative Since this is a State-owned school, the State would be liable for any injuries resulting from an out-of-code building.	
Prior Binding Commitment	No
Prior Binding Commitment Narrative	

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: Woonct Woonsocket Career & Tech. Projects

Status: Plan										
RI Capital Plan Fund	7072113	\$241,799	\$1,844,364	\$808,088	\$300,000	\$0	\$0	\$0	\$0	\$3,194,251
Subtotal Plan		\$241,799	\$1,844,364	\$808,088	\$300,000	\$0	\$0	\$0	\$0	\$3,194,251
Status: Request										
RI Capital Plan Fund	7072113	\$56,950	\$1,829,212	\$1,008,088	\$300,000	\$0	\$0	\$0	\$0	\$3,194,250
Subtotal Request		\$56,950	\$1,829,212	\$1,008,088	\$300,000	\$0	\$0	\$0	\$0	\$3,194,250



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **WARCT1 Warwick Career & Tech. Projects**

Project Description:

The Board of Education requests \$3,135,040 to replace the roofing system at the Warwick Career and Technical Center. Warwick Public Schools will not accept transfer of the Career and Technical Center in its current condition. The FY 2015 budget request has been increased by \$100,000 to reflect a year of 3% inflation to induce the district to take ownership of the facility. The district indicated that the FY 14 offered amount was not enough to accept transfer of the facility. A feasibility study was conducted in FY 2014 and determined the current needs of the Warwick Career and Technical Center. This year's budget has divided the work over three years spanning FY 2015 to FY 2017, with a request of \$950,000 for FY 2015, \$1,800,000 for FY 2016, and \$350,000 for FY 2017.

Similar to the Chariho, Newport, Cranston and East Providence transfer agreement process, this amount will allow the district to consider taking ownership of the facility. Currently, there are two district career and technical centers that are still under state control and that have no transfer agreement in place. These centers are Warwick and Woonsocket.

This request will partially cover the shortfall from a \$15 million bond issued in November 2004 needed to address "high priority" renovations and repairs at the career and technical centers. Voters had approved the \$15 million bond to make long-overdue repairs and improvements to the state's career and technical centers. The \$15 million figure was determined by adding preliminary estimates provided by the individual schools. There was considerable variation in the quality of these estimates and the \$15 million only covered the most urgent facilities needs, as prioritized by the architects that developed a scope of work of the highest needs for each school. The feasibility study conducted in FY 2014 identified a scope of work that included storm water drainage to prevent groundwater infiltration in the basement, exterior envelope repairs, hazardous materials abatement, ADA improvements, replacement of defunct and inefficient mechanical systems, and other systems improvements.

Project Justification:

The existing membrane roofing system at Warwick Career and Tech is over 20 years old and is in need of replacement. The numerous leaks are repaired as they occur, but they cause substantial damage to the facility, including water damage that promotes the growth of mold and mildew, significantly affects indoor air quality, and compromises the structural integrity of the roof framing system.

This high priority repair is necessary for the safety of students and staff in these buildings, to protect investments the State has already made with the \$15 million bond proceeds, and to address the final issues to ensure all of the State-owned centers are in compliance with RI's fire and life safety codes. The State has proposed that the State-owned career and technical centers be transferred back to the districts that house them, which would result in State savings on insurance and emergency repairs. The State has committed significant funds to renovate these facilities, including the \$15 million bond referenced above, as well as RICAP funds to cover life safety issues in an attempt to get districts to take ownership of these facilities. Warwick was unwilling to take the building back in its current condition. This request seeks to address the abovementioned repairs so that Warwick will accept the transfer of the facility.

Project Status:

A \$35,040 feasibility study has been conducted to determine the condition of the building. No other work has been performed as no agreement is in place.

Strategic Criteria



Agency 072 ELEMENTARY AND SECONDARY EDUCATION

Project ID/Name: WARCT1 Warwick Career & Tech. Projects

Safety Concerns Major

Safety Narrative

Leaking roofs can result in a "sick building", possibly causing illness in the students, and may damage furniture, equipment, ceilings, and flooring. As they now stand, the current facilities are not equipped to offer the state-of-the-art training needed in order to successfully enter careers in growth industries.

Code Violations Major

Code Narrative

Funding will only cover critical building code violations, including roof, needed to meet building codes and the new fire code standards

Energy Impact Major Positive

Energy Narrative

The roof insulation has been compromised due to water damage, which has resulted in significant increases in operational expenses due to increasing heating and cooling costs. The existing windows are uninsulated and the seals are loose, so window replacement will also improve the building's energy performance.

Customer Service Major

Customer Narrative

Students and teachers expect and deserve a safe learning environment. Prospective students and their parents touring the school would find buildings in need of critical repair. Since these are State-owned schools, the State is responsible for every individual in these buildings.

Geographic Significance Local

Geographic Narrative

The State-owned career and technical centers are scattered throughout Rhode Island and their presence has a positive impact on the surrounding neighborhoods, including the increase of property values.

Agency Mission High

Agency Narrative

The mission of schools is to educate the students in a safe and healthy learning environment and provide a safe work environment for all staff. Appropriate measures must be implemented by the state so that students are able to learn and staff is able to teach the skills needed to prosper in a chosen trade.

User Financing 0

User Narrative

Asset Management Asset Protection

Asset Narrative

These funds will support needed repair and/or renovation projects at the State-owned career and technical center.

Operating Minor

Operating Narrative

If the buildings are brought up to code, the State may be able to transfer the career and technical centers to the districts. Districts are unwilling to accept the buildings in their current condition. If the buildings are transferred back to the districts, RIDE would save funds related to emergency repairs at and insurance costs for the facilities.

Historic Preservation No

Historic Narrative



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **WARCT1 Warwick Career & Tech. Projects**

Budgeted Yes
Budget Narrative

Critical Criteria

Critical Life Safety Yes
Critical Life Safety Narrative

The potential deterioration of the structure as a result of the roofing system failure is a critical life safety issue.

Critical Legal Liability Yes
Critical Legal Liability Narrative

Since this is a State-owned school, the State would be liable for any injuries resulting from an out-of-code building.

Prior Binding Commitment No
Prior Binding Commitment Narrative

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: WARCT1 Warwick Career & Tech. Projects

Status: Plan										
RI Capital Plan Fund	7072112	\$535,040	\$950,000	\$950,000	\$600,000	\$0	\$0	\$0	\$0	\$3,035,040
Subtotal Plan		<i>\$535,040</i>	<i>\$950,000</i>	<i>\$950,000</i>	<i>\$600,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$3,035,040</i>
Status: Request										
RI Capital Plan Fund	7072112	\$35,040	\$950,000	\$1,800,000	\$350,000	\$0	\$0	\$0	\$0	\$3,135,040
Subtotal Request		<i>\$35,040</i>	<i>\$950,000</i>	<i>\$1,800,000</i>	<i>\$350,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$3,135,040</i>



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **DAV2 Davies Career and Tech. School HVAC**

Project Description:

The Board of Education requests \$3,080,780 to complete the replacement and repair of the HVAC infrastructure system at the Davies Career and Technical Center. The request adds back reductions that were made to this project during the FY '15 Request/FY '14 Revised budget process. The remaining balance of the estimated \$5.1 million project is outlined as follows: the FY '15 phase (which was bid in FY '14, but work to commence in the summer beginning FY '15) totals \$1,760,780 and involves the replacement of the units in rooms 219 through 229, the School to Career and Guidance Office areas, and the upgrade of the entire domestic water supply systems for both the north and south portions of the facility. It is important to note that the scope of the work being addressed in FY '15 had to be expanded to include the replacement/upgrade of numerous plumbing related fixtures (water fountains, urinals, toilets, sinks, as well as emergency safety showers and wash basins in the technical shop areas) as per school construction regulations. Such plumbing fixtures had to be upgraded because they are all tied into the domestic water supply which is being replaced.

The FY '16 phase (\$395,000) involves replacement of units in the cosmetology shop, a new hot water coil in the existing air handling unit in the Lecture Hall, and new duct mounted hot water coils in the Facility Coordinator/Diverse Learners office area.

The FY '17 phase (\$935,000) is intended to convert and upgrade the existing modular classroom building to a new conventional HVAC system. Prior to FY '17, a comprehensive facility master plan will be developed that will include addressing the long-term viability of the existing modular classroom building. The result of that facility master plan will determine whether or not the HVAC upgrade for the modular building should remain in the RICAP budget submission in future years.

It should be noted that the revised budget appropriation for FY '14 for HVAC was \$1,022,536, however the bid opening for the project was done on April 29, 2014. Therefore, the timing of the project is such that the majority of funds are now included in the FY '15 project year as a rollover request.

Project Justification:

The replacement of the HVAC units in the areas described above is a necessary update for the heating and cooling units located throughout the noted areas of the facility. The existing equipment is over 30 years old and is currently contributing to issues with heating, cooling and more importantly, air quality in a number of areas in the building. During the winter months, portable space heaters have been necessary in some of the classrooms noted. Otherwise, class space would be unacceptable for student and faculty use. Past fire inspections indicated that space heaters in the classrooms were deemed to be unsafe.

Project Status:

Due to the total estimated project costs, funding is requested to complete this project in phases through FY 2017 in order to address the areas most in need of repair or replacement. Bids for the largest phase that will occur throughout FY '15 were opened on April 29, 2014. Those bid results are currently under evaluation, and a purchase order award for the contract is expected by the end of May 2014. At the appropriate time and based on the approval of capital project funding, future bids will be solicited for the remaining phases of the project.

Strategic Criteria



Agency 072 ELEMENTARY AND SECONDARY EDUCATION

Project ID/Name: DAV2 Davies Career and Tech. School HVAC

Safety Concerns Major

Safety Narrative

The heating units in the portion of the facility being requested above are approximately 30 years old. As such, the units present issues relating to classroom air quality, ventilation, and proper temperature.

Code Violations Major

Code Narrative

During the winter months, portable space heaters have been necessary in some of the classrooms noted above. Otherwise, the classroom space would be unacceptable for student and faculty use. A recent fire inspection indicated that space heaters in the classrooms were deemed to be unsafe.

Energy Impact Major Positive

Energy Narrative

As noted above, the age and condition of the heating units pose air quality issues. The unit efficiency is also low, requiring more energy in an attempt to bring the heating or cooling temperature of the classrooms to the desired level. Replacing the systems will greatly improve the efficiency of the building, being that the school is changing from an electric heating and cooling solution to a hydronic heating and split cooling system.

Customer Service Major

Customer Narrative

Students and staff expect that school sessions will be held in adequate facilities. Inappropriate climate control reduces the effectiveness of the education environment.

Geographic Significance Regional

Geographic Narrative

This project will only affect the Davies Career and Technical Center. However, Davies draws students from many communities including Central Falls, Lincoln, North Providence, Pawtucket, Providence, and Smithfield.

Agency Mission High

Agency Narrative

The mission of schools is to educate students in a safe and healthy learning environment and provide a safe work environment for all staff. Appropriate measures must be implemented so that students are able to learn the skills needed to prosper in their chosen trade.

User Financing 0

User Narrative

Asset Management Mixed

Asset Narrative

This project involves replacing the HVAC systems at Davies Career and Technical Center. The repairs support only this facility.

Operating None

Operating Narrative

Historic Preservation No

Historic Narrative

Budgeted Yes

Budget Narrative



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **DAV2 Davies Career and Tech. School HVAC**

Critical Criteria

Critical Life Safety No
Critical Life Safety Narrative

Critical Legal Liability No
Critical Legal Liability Narrative

Prior Binding Commitment No
Prior Binding Commitment Narrative

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: DAV2 Davies Career and Tech. School HVAC

Status: Plan										
RI Capital Plan Fund	7072102	\$2,939,798	\$1,237,345	\$0	\$0	\$0	\$0	\$0	\$0	\$4,177,143
Subtotal Plan		\$2,939,798	\$1,237,345	\$0	\$0	\$0	\$0	\$0	\$0	\$4,177,143
Status: Request										
RI Capital Plan Fund	7072102	\$2,030,010	\$1,750,780	\$395,000	\$935,000	\$0	\$0	\$0	\$0	\$5,110,790
Subtotal Request		\$2,030,010	\$1,750,780	\$395,000	\$935,000	\$0	\$0	\$0	\$0	\$5,110,790

Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **MC4 Metropolitan Career and Tech HVAC**

Project Description:

The Board of Education requests \$6,386,370 to replace and repair the HVAC system for five buildings at the Metropolitan Regional Career and Technical Center's (MET Center) Peace Street and Public Street campuses. A contract was recently awarded to address two of the five building this summer, June 2014 – September 2014. The FY 2015 budget request has been increased by \$3,736,370 to make HVAC renovations/improvements to the three remaining buildings. The remaining buildings will be addressed in the summer of June 2015 – September 2015.

Project Justification:

The HVAC equipment at the Public Street campus was installed and commissioned in 2000-2001. Over the years, 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. The mechanical system’s “useful” life which, is typically twenty-five years, has been greatly reduced due to these control issues; in fact some units run 24/7 regardless of the controls. Over the years, measures have been taken to re-commission and to correct these issues and many lower cost repairs have been completed, which resulted in some improvement to the systems, however heating, cooling, and more importantly, air quality issues still exist. Despite these actions, the current mechanical systems have above average operating costs as well as rising repair costs and more frequent equipment failures. In the last year, the MET Center has spent over \$65K in HVAC repairs and has operated a total of seven days cumulatively throughout the year with no heating/cooling in one or more buildings. During the winter months, portable space heaters have been necessary in some of the classrooms and administrative spaces. Otherwise, class space would be unacceptable for student and faculty use. Per the Rhode Island Fire Code, use of space heaters in the classrooms is deemed to be unsafe.

The goal of the Met Center is to execute a project that will:

1. Replace outdated, inefficient, and dysfunctional HVAC equipment, controls, and related energy components and systems.
2. Prolong the useful life of the existing HVAC system.
3. Based upon anticipated energy/utility cost savings from repairing and replacing existing equipment with more efficient equipment, gain additional operational savings that can be invested back into core educational programs and functions.
4. Implement and install a state-of --the-art “green” energy equipment and systems to create a more comfortable, healthy and safe environment for students, staff, and visitors.

Project Status:

RISE Engineering in conjunction with the State of Rhode Island Office of Energy Resources conducted a preliminary audit of our HVAC systems in 2009. The audit confirmed that the systems were not efficient and that units were operating 24/7 with no ability to control them. In fiscal year 2011, the MET entered into a relationship with LINC Service, an innovative HVAC solutions engineering firm, to conduct a detailed investment grade audit of the MET’s HVAC systems. The investment grade audit identified \$4,167,365 in necessary repairs and replacements to the HVAC systems that if implemented would reduce utility costs by over 59%. The MET then sought the assistance of the Rhode Island Department of Education (RIDE) to bring the project to fruition. Since then, RIDE has issued a contract to Building Engineering Resources, Inc. (BER) to design a full system upgrade/replacement. In April 2014, construction bids were received by State Purchasing for two of the five buildings which are being addressed this summer as Phase I of this HVAC project. The low bid was awarded to Automatic Temperature Controls at a cost of \$2,075,630. Many alternates for Phase I of the project were not selected for the low bid was 18.7% greater than estimates. The \$2,075,630 in construction costs along with design costs and contingencies will fully expend the \$2,500,000 already



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **MC4 Metropolitan Career and Tech HVAC**

allocated to this project by this September 2014.

This request is a revision to the original \$2.5 million to afford an additional \$3,736,370 in HVAC renovations/improvements to the remaining three buildings. This amount takes into account the construction estimate calculated by BER plus a 18.7% which represents a more accurate construction cost estimate given the recent bid results.

Strategic Criteria

Safety Concerns Major
Safety Narrative

The HVAC units present issues relating to classroom air quality, ventilation, and proper temperature.

Code Violations Major
Code Narrative

During the winter months, portable space heaters have been necessary in some of the classrooms and administrative spaces. Otherwise, class space would be unacceptable for student and faculty use. Per the Rhode Island Fire Code, use of space heaters in the classroom is a violation of the fire code.

Energy Impact Major Positive
Energy Narrative

The replacement of HVAC units with newer more efficient equipment in addition to the repair and replacement of controls that will correct units that currently operate 24/7 will significantly reduce energy usage.

Customer Service Major
Customer Narrative

Students and staff expect that school sessions will be held in adequate facilities. Inappropriate climate control reduces the effectiveness of the education environment.

Geographic Significance Local
Geographic Narrative

This project is local to the Met School Public Street and Peace Street campuses.

Agency Mission High
Agency Narrative

The mission of schools is to educate students in a safe and healthy learning environment and to provide a safe work environment for all staff. With increased accountability requirements, the State needs to ensure students have fewer distractions so that t

User Financing 0
User Narrative

Asset Management Asset Protection
Asset Narrative

This project involves replacing the HVAC systems at the MET Center, a State asset.

Operating None
Operating Narrative



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **MC4 Metropolitan Career and Tech HVAC**

Historic Preservation No
Historic Narrative

Budgeted Yes
Budget Narrative

Critical Criteria

Critical Life Safety No
Critical Life Safety Narrative

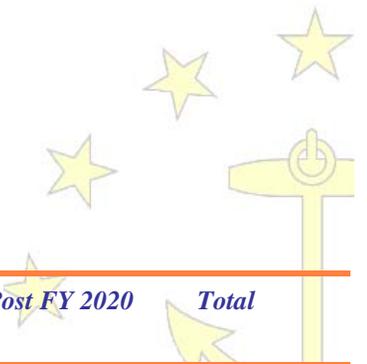
Critical Legal Liability No
Critical Legal Liability Narrative

Prior Binding Commitment No
Prior Binding Commitment Narrative

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: MC4 Metropolitan Career and Tech HVAC

Status: Plan										
RI Capital Plan Fund	7072121	\$1,339,343	\$1,160,657	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
Subtotal Plan		\$1,339,343	\$1,160,657	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
Status: Request										
RI Capital Plan Fund	7072121	\$366,374	\$3,135,539	\$2,884,457	\$0	\$0	\$0	\$0	\$0	\$6,386,370
Subtotal Request		\$366,374	\$3,135,539	\$2,884,457	\$0	\$0	\$0	\$0	\$0	\$6,386,370

Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **DAV5 Davies Career and Tech. School Asset Protection**

Project Description:

The Board of Education requests \$2,190,000 for Asset Protection at the Davies Career and Technical Center for years 2015 through 2020. This total includes several specific projects as well as more general funding to be used for the most pressing needs from year to year. Included in the total is FY '15 funding in the amount of \$220,000 (a revised project figure, based on the May 2014 public bid opening) that will be needed to address recent building code violations as per the State Fire Marshall's Office. The violations include the need to compartmentalize a certain hallway in the school, redesign and install replacement windows for classrooms that have windows that currently cannot serve as emergency exit points, as well as some Pre-FY '15 electrical wiring upgrades that were completed in many areas of the building. Also included in FY '15 is \$350,000 for a Paving project, \$100,000 for necessary shop electrical and plumbing upgrades, as well as the \$150,000 ongoing annual Asset Protection appropriation. In FY '16, the projects currently include \$250,000 for a Waterproofing/sealing project, \$370,000 for a Window Replacement project, and the \$150,000 ongoing annual appropriation for general asset protection. The remainder of the request totals \$600,000 for general Asset Protection projects (\$150,000 per year from FY 2017-2020), all from RICAP funding.

The State Budget Office in FY 2008 first recommended Davies' Asset Protection plan as a means of having a funding mechanism to address various facility repairs and upgrades as needed. Previously, Davies had submitted various capital project requests as individual capital plan requests. The asset protection is an appropriation for Davies to prioritize and address facility capital projects on an ongoing basis.

Davies will be developing a comprehensive facility master plan for asset protection pursuant to the Basic Education Program (B.E.P.). As such, the results of that process may yield the need for additional capital funding requests in future capital budget submissions.

General Asset Protection:

This request includes \$150,000 in RICAP each year from FY 2016 - 2020 for general asset protection needs, such as those described in the Project Justification field. Additionally, a more detailed description of the larger specific targeted projects outlined in Project Description (Paragraph 1) of this narrative are as follows:

State Fire Marshall Building Code Violations:

As noted above, several areas of concern were noted by the State Fire Marshall's Office. The school will be able to obtain a variance on certain of the concerns that cannot be addressed due to the overall general design of the building, however numerous other items of code violation must be addressed immediately as noted above. A total of \$220,000 has been included in the FY'15 request for this critical project.

Paving Project:

This request includes \$350,000 in RICAP in FY 2015 for the re-paving of the access drive and the parking lots at the Davies Career and Technical High School.

Electrical and Plumbing:

The cosmetology technical program is in dire need of electrical and plumbing upgrades, based on necessary replacement and/or redesign of the extremely aged physical shop space. The current configuration does not accommodate the number of students in the program and the current electrical service is inadequate to supply enough power for the needs of the shop (for student workstations).

Waterproofing/sealing Project:



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **DAV5 Davies Career and Tech. School Asset Protection**

This request includes \$250,000 in RICAP in FY 2016 for waterproofing and sealing of cement in the old south building at the Davies Career and Technical High School.

Window Project:

This request includes \$370,000 in RICAP in FY 2016 for the replacement of windows in the “old building” at the Davies Career and Technical High School.

Project Justification:

General Asset Protection Projects:

A schedule of asset protection upkeep and repairs will be determined so that funding is utilized to fullest extent in maintaining the overall condition of the school.

State Fire Marshall Violations:

In Fiscal 2012, Davies began immediately addressing the Fire Marshall concerns by issuing PO’s to the school’s fire alarm and systems maintenance vendor for correction of smoke alarm matters. Additionally, some corrections for electrical issues were addressed. In Fiscal 2014, Davies was granted a final variance to correct the violations by the opening of the school year 2014/2015.

Waterproofing/sealing Project:

The work is required due to the old cement exterior deteriorating. The building therefore must be waterproofed and sealed to eliminate water leaking into the classrooms, causing asset damage, mold, and air quality problems.

Window Project:

The old building was built in 1972 and the windows are in need of replacement due to leakage and wearing over time. The areas in need of window replacement include the computer technology wing, the Graphic Arts/Electronics wing, the Machine Technology Shop area, and the detached modular classroom building. The need for window replacement was observed by the State Fire Marshall during an inspection and noted in their 2009 report (for rescue reasons).

Paving Project:

The facility was built in 1972 and the access road and parking lots have been seal-coated and repaired as needed. However, the areas are in dire need of re-paving.

Project Status:

General Asset Protection Projects:

RICAP funding has been consistently appropriated annually since the 2008 inception of the project. Davies is requesting continued funding at a minimum level of \$150,000 annually. Consequently, continued funding of \$150,000 for each of the out-years of the capital plan has been requested.

Fire Code Violations Project:

Bids were opened on May 2, 2014, and are currently under evaluation for award by the Division of Purchases. The work will occur during the summer 2014, and will be completed by the end of August 2014.

Paving Project:

Awaiting ADA approval on the project bid documents from the A&E firm so that the project can go out to bid. The bid is expected to be advertised in May 2014, with award in June 2014, so that the project will occur as of July 2014 (i.e.



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **DAV5 Davies Career and Tech. School Asset Protection**

FY '15)

Window Project:

Awaiting project funding commitment in the out-years of the school's capital project budget request.

Waterproofing/sealing project:

Awaiting project bid documents from the A&E firm so that the project can go out to bid.

Strategic Criteria

Safety Concerns Minor

Safety Narrative

Some patched areas of asphalt have sunk, increasing the potential for tripping and falling.

Code Violations Minor

Code Narrative

Elements such as railings provide appropriate fall protection, safety and support assistance when circulating elevation change.

Energy Impact None

Energy Narrative

Customer Service Major

Customer Narrative

Student and staff expect that school sessions will be held in adequate facilities. Students and staff expect the grounds to be kept up to safety standards.

Geographic Significance Regional

Geographic Narrative

This project will only affect the Davies Career and Technical Center. However, Davies draws students from many communities including Central Falls, Lincoln, North Providence, Pawtucket, Providence, and Smithfield.

Agency Mission Medium

Agency Narrative

The mission of schools is to educate students in a safe and healthy learning environment and to provide a safe work environment for all staff. With increased accountability requirements, the state needs to ensure students have fewer distractions so that they can achieve full proficiency in the core subjects.

User Financing 0

User Narrative

Asset Management Asset Protection

Asset Narrative

These projects will extend the useful life and add value to the facility.

Operating None

Operating Narrative



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **DAV5 Davies Career and Tech. School Asset Protection**

Historic Preservation No
Historic Narrative

Budgeted Yes
Budget Narrative

Critical Criteria

Critical Life Safety No
Critical Life Safety Narrative

Critical Legal Liability Yes
Critical Legal Liability Narrative
 Since this is a state-owned school, the state would be liable for any injuries resulting from inability to make repairs to the building.

Prior Binding Commitment No
Prior Binding Commitment Narrative

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: DAV5 Davies Career and Tech. School Asset Protection

Status: Plan										
RI Capital Plan Fund	7072103	\$1,687,468	\$194,962	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$0	\$2,882,430
Subtotal Plan		\$1,687,468	\$194,962	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$0	\$2,882,430
Status: Request										
RI Capital Plan Fund	7072103	\$628,790	\$820,000	\$770,000	\$150,000	\$150,000	\$150,000	\$150,000	\$0	\$2,818,790
Subtotal Request		\$628,790	\$820,000	\$770,000	\$150,000	\$150,000	\$150,000	\$150,000	\$0	\$2,818,790



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **MC3 Met School Asset Protection**

Project Description:

The Board of Education requests \$2,076,357 for Asset Protection at the Metropolitan Regional Career and Technical Center (MET Center) for fiscal years 2015 through 2020 to address various facility repairs and upgrades. The MET Center consists of three campuses, East Bay, Peace Street and Public Street with a total of eight buildings and one garage storage facility totaling over 100,000 square feet. The East Bay campus was recently acquired from the Newport Housing Authority and includes the new Paul Crowley East Bay Met School and the existing Gallagher wing of the Florence Gray Community Center. Because the students and staff will use both the Gallagher wing and the new building this project will address various capital improvement necessary to make the existing Gallagher wing safe, code compliant, accessible, and energy efficient. The improvements will address school safety improvements, as well as provide code required fire upgrades and the required ADA path of travel to connect the new and the existing buildings. Finally, photovoltaic panels would be mounted on a code required canopy of the ADA ramp to reduce the school's utility bills and operating costs.

The Peace Street campus was constructed in 1998 and the Public Street campus was constructed in 2002. The asset protection funding is an appropriation request on behalf of the MET Center to prioritize and address facility capital projects to state property on an ongoing basis.

Project Justification:

The buildings located at the Peace Street and Public Street campuses are approaching sixteen years and fourteen years old respectively. The Gallagher Building is over fifty years old. Asset protection funding is desperately needed for the purpose of addressing trip hazards, parking lot repairs, building repairs, walkway repairs, worn and broken equipment, and basketball court resurfacing.

In the past, the School has been forced to operate in make-shift, antiquated, and educationally inadequate spaces. There was no space for a library, laboratories, art instruction, locker rooms, or adequate classrooms. The state purchased the site in August 2011. The construction of the Paul Crowley East Bay Met Center will correct many of these deficiencies, but the existing Gallagher wing requires improvements to adequately function as a school facility. The campus must be safe and secure and therefore this request will implement safety upgrades recommended by a school safety consultant that surveyed the existing facility including campus lockdown access control system and new door hardware, as well code improvements that will ensure student safety. In order to make the entire site fully accessible, an ADA ramp will be installed to connect the two facilities. The ADA ramp will include a canopy with photovoltaic panels to collect solar energy and convert it to electricity as part of the facilities net zero energy consumption goal, which will significantly reduce the school's operational costs and serve as a model for schools and public buildings across the state and the region. The MET is already working to develop a plan to use the facility – and the photovoltaic panels in particular - as a teaching tool for energy efficiency and renewable energy, as well as a variety of topics in STEM, sustainability, and the emerging green economy.

Project Status:

Historically, the MET has funded asset protection projects out of their base operating budget. Because of budget restrictions, reductions and other funding requirements asset protection projects have been delayed, creating an accumulating backlog of maintenance items that need to be addressed. This request includes asset protection to the East Bay Campus, as it is now in the care and control of the State. The Gallagher Wing is in need of immediate facility improvements. Asset protection funds would be utilized to maintain a safe and secure school environment, such as the repair of cracks and frost heaves in walkways and on the basketball court, increasing the potential for tripping and



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **MC3 Met School Asset Protection**

falling and to the replacement of doors, door hardware, and other building repairs and equipment. In addition, this request allocates half of the funds to be provided in FY 15, so the entire Newport school will meet code, be ADA compliant, and achieve net zero energy consumption while providing 21st century learning environments by the beginning of the 2015-2016 school year.

Strategic Criteria

Safety Concerns	None
Safety Narrative	
Code Violations	None
Code Narrative	
Energy Impact	Major Positive
Energy Narrative	
Modifications to the HVAC systems and installation of lighting control systems will provide significant costs savings to the institution.	
Customer Service	Minor
Customer Narrative	
Asset maintenance will provide students with a better learning environment	
Geographic Significance	Local
Geographic Narrative	
This project is local to the Met School Public Street and Peace Street campuses.	
Agency Mission	High
Agency Narrative	
This project will address the routine issues that arise with aging building and grounds in order to maintain a high-quality learning environment.	
User Financing	0
User Narrative	
Asset Management	Asset Protection
Asset Narrative	
These projects will extend the useful life and add value to the facility.	
Operating	None
Operating Narrative	
Historic Preservation	No
Historic Narrative	
Budgeted	Yes
Budget Narrative	

Critical Criteria



Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project ID/Name: **MC3 Met School Asset Protection**

Critical Life Safety No
Critical Life Safety Narrative

Critical Legal Liability No
Critical Legal Liability Narrative

Prior Binding Commitment No
Prior Binding Commitment Narrative

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: MC3 Met School Asset Protection

Status: Plan										
RI Capital Plan Fund	7072120	\$146,418	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$546,418
Subtotal Plan		<i>\$146,418</i>	<i>\$100,000</i>	<i>\$100,000</i>	<i>\$100,000</i>	<i>\$100,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$546,418</i>
Status: Request										
RI Capital Plan Fund	7072120	\$200,000	\$1,000,000	\$351,536	\$243,233	\$204,368	\$182,385	\$94,835	\$0	\$2,276,357
Subtotal Request		<i>\$200,000</i>	<i>\$1,000,000</i>	<i>\$351,536</i>	<i>\$243,233</i>	<i>\$204,368</i>	<i>\$182,385</i>	<i>\$94,835</i>	<i>\$0</i>	<i>\$2,276,357</i>



Agency 072 ELEMENTARY AND SECONDARY EDUCATION
Project ID/Name: MC2 Metropolitan Career and Tech - East Bay

Project Description:

On January 25th, 2014 construction of the Paul Crowley Easy Bay Met Center was completed. This process began in FY 2010 when the Board of Education requested \$8.8M for the study, design, and construction of the East Bay Campus of the Metropolitan Regional Career and Technical Center. The request included: 1. \$100,000 to conduct a comprehensive feasibility study to confirm facility requirements for the growing student enrollment at the School’s East Bay Campus. 2: \$1,000,000 for design costs and property acquisition 3: \$7,700,000 for construction and associated soft costs.

A due diligence comprehensive feasibility study assessed the educational facility needs to accommodate the student enrollment growth. The study considered renovation of the existing Newport Career and Technical Center facility and reviewed other potential sites and facilities in order to develop a master plan for long term facility needs. This report recommended a \$10M budget and the Florence Gray Community Center as the site for the Met School – East Bay Campus. The report also recommended an option of renovating the Newport Career and Technical Center for \$8.8M. The Met preferred the programmatic benefits of using the Florence Gray Community Center and as a result, an \$8.8M budget was derived. The FY 15 Budget request has been increased \$300,000 in order to accept the final construction alternate, the installation of a 50 kWh roof mounted photovoltaic (PV) system, bringing the total request to \$9,115,687. This project was approved by the Board of Education with the intent of achieving net zero energy. The building has been designed to accept a PV system, but RIDE has been unable to accept the alternate due to a lack of funding.

Project Justification:

The School currently enrolls 160 students that are housed in the state owned Gallagher Wing of the Florence Gray Community Center, a facility never meant to be a school for 160 teenagers. The State purchased the site in August 2011. The School has been forced to operate in make-shift, antiquated and educationally inadequate spaces. There is no space for a library, laboratories, art instruction, locker rooms, or adequate classrooms. In order to have an effective curriculum with strong science, engineering, math and arts, the existing facility will need major renovations and expansions. The School has initiated numerous partnerships and programs that benefit area youth, including career ladder programs in health care, marine trades, science technology and hospitality. The students intern with dozens of local businesses and volunteer at every major social service agency in the area.

Project Status:

Funding of \$8,815,687 for the initial study, design, site acquisition and construction was appropriated and expended prior to FY 2015 (except for a final payment of approximately \$25,000 in FY 2015). The facility was completed in January 2014. The Board requests an additional \$300,000, which will allow RIDE to accept a construction alternate and complete the PV installation prior to the start of the 2015-2016 school year.

Strategic Criteria

Safety Concerns	Major
Safety Narrative	
The existing facility is not adequate in size to handle the student population.	
Code Violations	Major
Code Narrative	
The increase in student enrollments creates overuse of the facility with an impact on emergency egresses.	



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **MC2 Metropolitan Career and Tech - East Bay**

Energy Impact Major Positive

Energy Narrative

The new building will be constructed to the highest NECHPS standards and will operate with net zero energy consumption.

Customer Service Major

Customer Narrative

Student and staff expect that school sessions will be held in adequate facilities.

Geographic Significance Local

Geographic Narrative

This project will only affect the East Bay campus of the Met School.

Agency Mission High

Agency Narrative

The mission of schools is to educate students in a safe and healthy learning environment and provide a safe work environment for all staff.

User Financing 0

User Narrative

Asset Management New Construction

Asset Narrative

This project may include new construction and/or rehabilitation.

Operating None

Operating Narrative

Historic Preservation No

Historic Narrative

Budgeted Yes

Budget Narrative

Critical Criteria

Critical Life Safety Yes

Critical Life Safety Narrative

The current facility is antiquated and with 120 students above occupancy capacity. Overcrowding is a critical life safety issue that would be addressed with this project.

Critical Legal Liability Yes

Critical Legal Liability Narrative

Overcrowding at this facility is a legal liability for the state.

Prior Binding Commitment Yes

Prior Binding Commitment Narrative

Executed Purchase and Sales Agreement with the Newport Housing Authority, approved by the State Properties Committee.

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: MC2 Metropolitan Career and Tech - East Bay

Status: Plan										
RI Capital Plan Fund	7072106	\$8,815,687	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,815,687
Subtotal Plan		\$8,815,687	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,815,687
Status: Request										
RI Capital Plan Fund	7072106	\$8,790,687	\$325,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,115,687
Subtotal Request		\$8,790,687	\$325,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,115,687



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: **SD3 School for the Deaf - Renovation/New Construction**

Project Description:

The Rhode Island School for the Deaf is a Pre-Kindergarten through Grade 12 educational facility serving the deaf population of Rhode Island. The majority of students have other disabilities as well that require extensive individualized programs and attention. In addition, the school has long been a center for the deaf community including housing a myriad of testing, referral, cultural, and support services for Rhode Island's deaf community. The previous school building was never suitable for use as a facility for the deaf. Continual delays in asset protection made the existing structure a liability.

Project Justification:

The previous Rhode Island School for the Deaf was plagued by leaks, poor energy performance, inadequate ventilation, poor heating, limited AC, spatially did not conform to the standards, and did not have an internal environment suitable for a special needs facility.

A building designed for deaf students, using nationally recognized experts in deaf education will enable improved outcomes in many areas of the students' lives.

Project Status:

The main building was completed and occupied on September 1, 2010. It is a state of the art facility and contains several features specific to deaf education and serving children with multiple disabilities. The final stage was building a garage/outbuilding. This project went out to bid in FY 2014 and construction will be complete by June 30, 2014. Final payments for June work and closeout will occur in July and possibly August 2014, at which point this project will be complete and should be closed out.

Strategic Criteria

Safety Concerns Major

Safety Narrative

The former facility, lacking an adequate security system was a target for vandals. To safeguard students, teachers and property we have developed a comprehensive security plan.

Code Violations Minor

Code Narrative

While code issues were not a major issue, scarce funds were regularly spent on keeping the building up to code. The new facility will meet all regulatory, code and fire safety standards and will incorporate technologies to better improve acoustics and accessibility throughout.

Energy Impact Major Positive

Energy Narrative

The new building will be designed to achieve LEED Silver standards and our engineers project annual operating savings of \$120,000 over conventional systems. By re-modeling the existing gymnasium and renovating the existing site we minimize environmental impacts.

Customer Service Major

Customer Narrative

The former building was dimly lit, shabby, and difficult to navigate. Because deaf education relies primarily on visual learning, the new



Agency **072 ELEMENTARY AND SECONDARY EDUCATION**

Project ID/Name: SD3 School for the Deaf - Renovation/New Construction

School has been designed to provide high levels of glare-free natural lighting, Smartboard technology, and clear paths for circulation and communication.

Geographic Significance Statewide

Geographic Narrative

Rhode Island School for the Deaf serves students statewide and also on occasion serves students from neighboring states.

Agency Mission High

Agency Narrative

A new building, designed with deaf culture in mind, is a perfect mission fit.

User Financing 0

User Narrative

Asset Management New Construction

Asset Narrative

New Construction. The Contractor (Bacon Construction) is responsible to perform all building predictive and preventative scheduled maintenance, as part of their base bid, for two years from when the building is delivered to the State.

Operating None

Operating Narrative

Historic Preservation No

Historic Narrative

Budgeted Yes

Budget Narrative

Critical Criteria

Critical Life Safety No

Critical Life Safety Narrative

Critical Legal Liability Yes

Critical Legal Liability Narrative

Since this is a state-owned school, the state would be liable for any injuries resulting from an out-of-code building.

Prior Binding Commitment Yes

Prior Binding Commitment Narrative

The new RI School for the Deaf opened in fall 2010 and final construction activities are wrapping up.

FY 2016 - FY 2020

Capital Improvement Plan Request System

Agency Request vs. Plan



Funding Source	Line Sequence	Pre FY 2015	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Post FY 2020	Total
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Agency *072 ELEMENTARY AND SECONDARY EDUCATION*

Project: SD3 School for the Deaf - Renovation/New Construction

Status: Plan										
Certificates of Participation	8926101	\$30,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000,000
RI Capital Plan Fund	7072107	\$1,248,698	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,248,698
Subtotal Plan		\$31,248,698	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,248,698
Status: Request										
Certificates of Participation	8926101	\$29,527,562	\$161,241	\$0	\$0	\$0	\$0	\$0	\$0	\$29,688,803
RI Capital Plan Fund	7072107	\$1,248,698	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,248,698
Subtotal Request		\$30,776,260	\$161,241	\$0	\$0	\$0	\$0	\$0	\$0	\$30,937,501

RIDE Capital Budget – Vehicle Request

The RI Department of Education currently has 10 vehicles: 5 for the Rhode Island School for the Deaf, 4 for Davies Career & Technical High School, and 1 for RIDE's Office of Assessment. This Capital Budget request includes a plan to replace 2 of those vehicles. The School for the Deaf plans to replace their two passenger vans (they also have a cargo van, which does not carry passengers and is not being replaced).

The RI School for the Deaf currently utilizes one 2002 activity bus and two 15 passenger vans to transport students. One van is a 2000 van with 95,604 miles and the other is a 2012 van with 21,559 miles. The vehicles are used to transport students to field trips and athletic activities. Because we compete with other Deaf Schools, athletic activities take students to New York, Maine and as far away as Maryland. During the basketball season, often two vehicles are required to transport the boys and girls team.

Three issues have been identified related to the vans. The first and most important issue regarding the vans is safety. These 15 passenger vans have a high incidence of rollovers. Federal Law, 49 U.S.C Section 30112 (a)(2) adopted the following change effective August 10, 2005:

“...a school or school system may not purchase or lease a new 15-passenger van if it will be used significantly by, or on behalf of, the school or school system to transport preprimary, primary, or secondary school students to or from school or an event related to school, unless the 15-passenger van complies with the motor vehicle standards prescribed for school buses and multifunction school activity buses under this title. This paragraph does not apply to the purchase or lease of a 15-passenger van under a contract executed before the date of enactment of this paragraph.”¹

Per the National Highway Traffic Safety Administration (NHTSA), the 15 passenger vans do not provide the same level of safety as school buses. NHTSA has issued warnings targeting church groups, non-profits and education who may keep older vans in use due to budgetary restrictions. One such advisory that NHTSA has issued can be found at <http://www.nhtsa.gov/CA/10-14-2010/>. It is critical for legal and safety reasons alone that these two vehicles be replaced.

The second issue is that a Chauffeur's license is required to drive a 15 passenger van or bus per the RI Division of Motor Vehicles. This has created issues this year as it has been necessary to pay for properly licensed personnel to drive vehicles. There are times when just a small class goes on a field trip or it is necessary to bring a few students to employment sights where a smaller vehicle would be more appropriate, gas efficient and the current salaried personnel could drive the students.

¹ Federal law text taken from <http://www.law.cornell.edu/uscode/text/49/30112> , accessed May 16, 2014.

The third issue is that over the past 21 months, the School has expended \$10,600 in repairs for the 2000 van and \$4,200 in repairs for the 2012 van. Note that these expenses do not include gas or insurance.

The School is requesting that both 15 passenger vans be replaced with one activity bus and one 8 passenger minivan. The estimated cost for each vehicle is \$50,000 and \$21,000 respectively. The estimated trade in value for the 2000 van is \$2,000 and the trade in value for the 2012 is \$13,500. Therefore the net request is \$55,500 to replace both 15 passenger vans, which the School for the Deaf will include in its operating budget request.

FY 2016 - FY 2020

Capital Improvement Plan Request System

State Vehicles



Agency **072 ELEMENTARY AND SECONDARY EDUC**

Account	State ID	Year	Make/Model	Replacement Type	Estimated Cost	Replacement Year
2670101	1405	1993	FORD ECONOLINE		\$0	0
2670101	22862	2000	CHEVROLET 3500VAN	MINIVAN	\$19,000	2015
2690101	23198	2001	CHEVROLET EXPRESS		\$0	0
2720118	23357	2002	VOLKSWAGON PASSAT		\$0	0
2670101	23366	2002	FORD TAURUS SEDAN		\$0	0
2690101	23400	2002	CHEVROLET ACT BUS		\$0	0
2670101	23401	2002	CHEVROLET ACT BUS		\$0	0
2690101	24532	2008	FORD F350		\$0	0
2670101	24800	2012	CHEVROLET EXPRESS	BUS	\$36,500	2015
2690101	5897	1998	CHEVROLET S10 BLA		\$0	0

Total: 10 Vehicles for a total cost of \$55500