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# Capital Projects – General

## Charleston County

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### Overview

The FY 2014 – FY 2018 Adopted five year Capital Improvement Plan contains three separately approved plans including the General Capital Improvement Plan, the Transportation Sales Tax Comprehensive Plan of Expenditures, and the Environmental Management Enterprise Fund Capital Improvement Plan. Each plan is developed separately from the other and provides detailed information about the individual projects within each plans' realm of responsibility.

The three FY 2014 – 2018 Adopted CIPs total \$563.6 million for five years and includes \$80.5 million or 14 percent of this amount allocated to the General Capital Improvement Plan, \$446.1 million or 79 percent allocated to the Transportation Sales Tax Comprehensive Plan of Expenditures, and \$37.0 million or 7 percent allocated to the Environmental Management Enterprise Fund Capital Improvement Plan.

The County defines capital assets as major assets that benefit more than a single fiscal period. Typical examples are land, improvements to land, easements, buildings, vehicles, machinery equipment, computer software, and infrastructure that meet the County capitalization threshold. The capitalization threshold for various assets is as stated in the following table.

<b>Asset Category</b>	<b>Items to be Capitalized</b>
Land	All, regardless of cost.
Non-Depreciable Land Improvements	All, regardless of cost.
Depreciable Land Improvements	Any costing more than \$100,000.
Buildings and Building Improvements	Any costing more than \$100,000.
Infrastructure	Any costing more than \$100,000.
Machinery, Equipment & Vehicles	Any costing more than \$5,000.

Some capital expenditures are included within the operating budget since they are recurring or affordable on a pay-as-you-go basis. Examples of capital expenditures included in the operating budget are vehicles and equipment purchases. Following is a table summarizing capital expenditures in the operating budget.

<b>Capital Expenditures</b>	
General Fund	\$1,181,610
Special Revenue Funds	777,055
Enterprise Funds	1,654,950
Internal Service Funds	4,948,000
<b>Grand Total</b>	<b>\$8,561,615</b>

Charleston County's CIP is a financial management tool that assists in facility maintenance and capital development. Implementing a multi-year CIP promotes better use of the County's limited financial resources and assists in the coordination of public and private development. As a financial tool, a multi-year CIP provides early indications of major outlays and assures timely facility maintenance or replacement. In addition, five-year capital improvement plans are an integral part of long-range planning and are viewed positively by bond rating agencies.

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### Financial Policies

- *Capital Improvement Policy #1: A five-year Capital Improvement Plan shall be developed and updated annually.*
- *Expenditure Policy #1... strive to provide sufficient funding for adequate maintenance of equipment and facilities at a level that protects capital investment and minimizes future maintenance and replacement costs.*

Each multi-year plan covers a five-year planning period and is updated annually to reflect ongoing changes and additions. These plans are submitted to County Council for adoption along with the County's annual budget. The five-year plans do not appropriate funds; they support the actual appropriations that are made through adoption of the budget.

### **Facility Planning Committee**

Early in 2003, the County Administrator established a Facility Planning Committee composed of representatives from the Building Inspections and Facilities Management Departments. The purpose of the Committee was to develop a five-year plan to address existing and future facility and capital needs.

The initial phase of development was to evaluate existing County-owned and rented facilities and land. The Committee found that the County's facilities were generally in good condition with 76 percent of the square footage having an effective age of ten years or less. The effective age was determined from original construction date or the date of major renovations. The Committee determined that the County owned some unused buildings and land. Council voted to lease portions of the unused facilities and property.

The Committee sent a survey to all department heads and elected and appointed officials requesting information about current and future service delivery and space needs. Based on the facilities evaluations and the departments' anticipated needs, the Committee prioritized projects. The main goals of the CIP was to more effectively utilize County facilities and invest in technology to better serve the County's citizens.

With assistance from the Finance and Budget Offices, the Committee balanced the identified projects with current and future financing capabilities. After identifying the projects, the committee developed the five-year plan by identifying the total cost of each selected project and the associated operating and maintenance costs. The projects were then scheduled and budgeted for the FY 2004 – FY 2008 Capital Improvement Plan. This Committee continues to review and update facilities needs and provides input to the General CIP plan annually.

### **Capital Improvement Plan – General**

The County updates the CIP annually. The FY 2014–FY 2018 General Capital Improvement Plan reflects the current estimated schedule for approved projects. During the FY 2010 planning process, the County decided to expand the projects listed in the plan to include all projects that meet the county capitalization threshold. This added capital software and building improvements to the five year plan which increased the number of projects on the plan and provides a more detailed analysis of the County's capital needs.

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### General Project Cost Summary \*

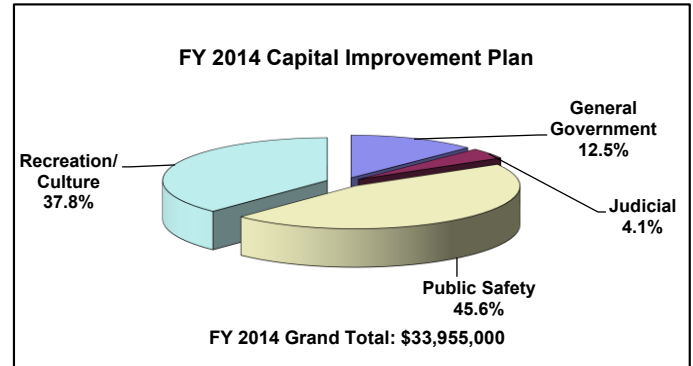
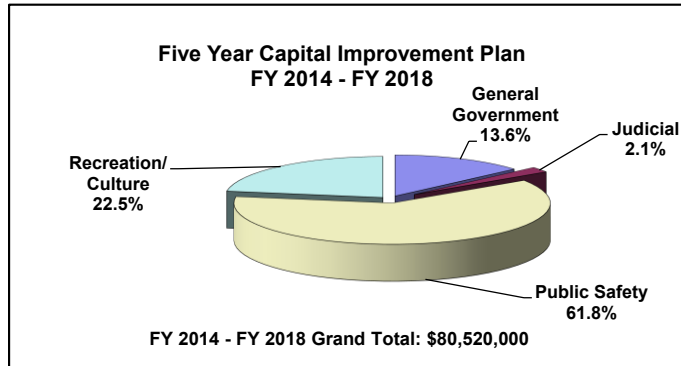
Project Title	Prior	2014	2015	2016	2017	2018	Beyond	Total
<b>GENERAL GOVERNMENT</b>								
Azalea Fuel - Consolidate	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000
Banov - Replace HVAC Sys.	25	450	-	-	-	-	-	475
Building Insp Energov Upgrade	-	200	-	-	-	-	-	200
Cty Office Bldg - Carpet Replace	-	-	-	-	200	-	-	200
Cty Office Bldg - Ext Painting	-	-	-	200	-	-	-	200
Human Services Building	-	100	-	-	-	-	-	100
Lee Bldg - Carpet Replace	-	-	-	200	-	-	-	200
Lee Bldg - HVAC Upgrade	-	250	-	-	-	-	-	250
Lee Bldg - Roof Replace	-	-	-	-	500	-	-	500
Parking Garages	2,580	1,120	-	400	-	-	150	4,250
PSB - Carpet Replace	-	-	-	250	120	-	-	370
PSB - IT Room HVAC Sys.	-	180	-	-	-	-	-	180
RMC Historical Imaging	-	150	-	-	-	-	-	150
Tax Software System	2,070	130	-	-	-	-	-	2,200
Telephone Upgrade COB/Judicial	-	350	-	-	-	-	-	350
Telephone Upgrade PSB	-	330	-	-	-	-	-	330
<b>General Government Total</b>	<b>4,675</b>	<b>4,260</b>	<b>-</b>	<b>1,050</b>	<b>820</b>	<b>-</b>	<b>150</b>	<b>10,955</b>
<b>JUDICIAL</b>								
Clerk of Court Systems	320	450	-	-	-	-	-	770
Magistrate Court: N. Charleston	-	560	-	-	-	-	-	560
Solicitor: Case Mgmt System	-	375	-	-	-	-	-	375
<b>Judicial Total</b>	<b>320</b>	<b>1,385</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,705</b>
<b>PUBLIC SAFETY</b>								
Consolidated Dispatch Center	24,000	620	-	-	-	-	-	24,620
Coroner's Office Renovation	-	825	-	-	-	-	-	825
Detention Ctr Admin Renovation	650	850	-	-	-	-	-	1,500
Detention Ctr Admin Roof	-	225	-	-	-	-	-	225
Detention Ctr Air Handling Unit	120	120	-	-	-	-	-	240
Detention Ctr Exterior	-	160	-	-	-	-	-	160
Detention Ctr Tower	-	-	-	-	725	-	-	725
EMS Warehouse	-	-	150	-	-	-	-	150
Law Enforcement Center	5,700	6,800	-	-	-	-	-	12,500
Law Enforcement Training Center	-	500	-	-	-	-	-	500
Sheriff Fingerprint/facial recog.	-	295	-	-	-	-	-	295
Station Alerting	-	3,500	-	-	-	-	-	3,500
Public Safety System	-	1,575	2,925	-	-	-	-	4,500
<b>Public Safety Total</b>	<b>30,470</b>	<b>15,470</b>	<b>3,075</b>	<b>-</b>	<b>725</b>	<b>-</b>	<b>-</b>	<b>49,740</b>
<b>RECREATION/CULTURE</b>								
Chas Sr Citizen Center HVAC	-	-	120	-	-	-	-	120
Trident Nursing Building	5,160	12,840	-	-	-	-	-	18,000
<b>Recreation/Culture Total</b>	<b>5,160</b>	<b>12,840</b>	<b>120</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18,120</b>
<b>GRAND TOTAL</b>	<b>\$ 40,625</b>	<b>\$ 33,955</b>	<b>\$ 3,195</b>	<b>\$ 1,050</b>	<b>\$ 1,545</b>	<b>\$ -</b>	<b>\$ 150</b>	<b>\$ 80,520</b>

Twenty Six of the 34 projects listed in the CIP have funds appropriated for use in FY 2014.

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The following graphs show the proposed projects scheduled during the five year CIP and the individual projects scheduled for FY 2014. See the Project Summary pages for project details.



Council and staff will continue to review the program, its direction, progress, and financing requirements annually.

### Financing the CIP

The funding for this plan will come from existing funds, Emergency 911 Fees, Municipal Contributions and transfers from the General Fund. In addition, all revenues from the sale of real estate must be used for capital projects per the County Budget Ordinance and Financial Policies.

### General Project Source Summary \*

Funding Source	Prior	2014	2015	2016	2017	2018	Beyond	Total
Emergency 911	\$ 4,980	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,980
Existing Bond Issues	24,148	23,240	-	-	-	-	-	47,388
Interest, Sales, Transfer & Other	11,497	10,215	3,075	400	-	-	-	25,187
Future Sources	-	500	120	650	1,545	-	150	2,965
<b>GRAND TOTAL</b>	<b>\$40,625</b>	<b>\$33,955</b>	<b>\$ 3,195</b>	<b>\$ 1,050</b>	<b>\$ 1,545</b>	<b>\$ -</b>	<b>\$ 150</b>	<b>\$ 80,520</b>

\*Amounts in thousands

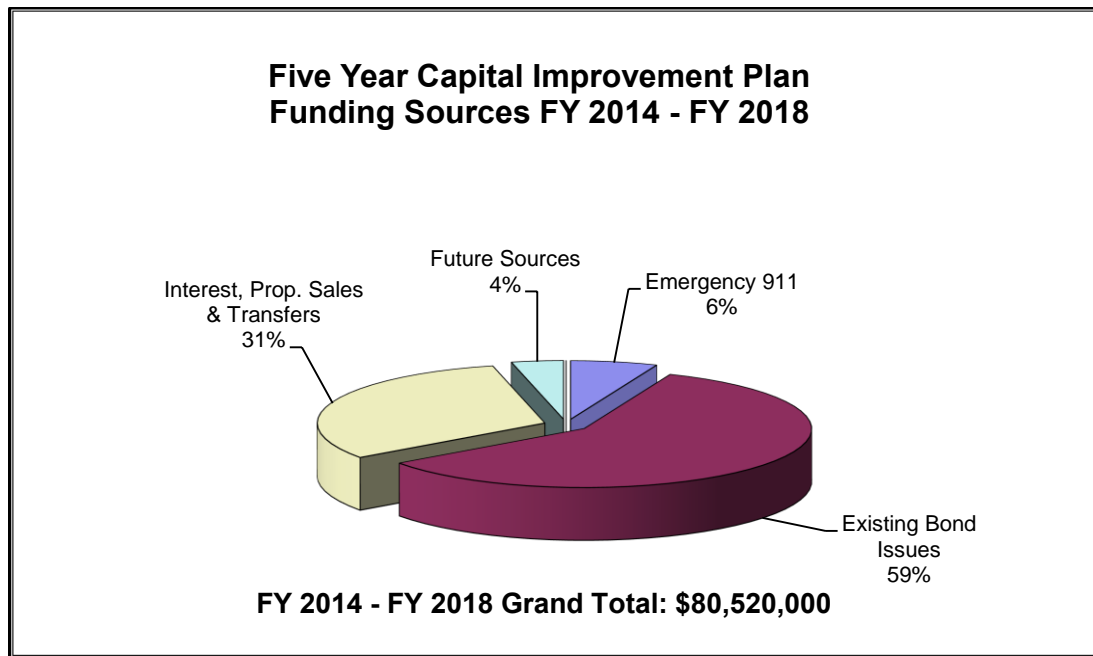
Forty-two percent of the funding associated with the five year General Capital Improvement Plan is scheduled to be applied to projects in FY 2014.

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### Impact on the Operating Budget

The capital program directly impacts current and future operating budgets. Charleston County has identified costs required to operate and maintain completed capital projects. In some cases, the operating costs of the project are either insignificant or are offset by cost savings.

The operating and maintenance cost is calculated on each individual project. The Facilities Department estimates the increased cost for administrative costs, building maintenance, utilities and security. The Safety and Risk Management Department calculates the increased insurance costs. The Technology Services Department determines the ongoing operating and update costs associated with capital management information systems. If applicable, the operating and maintenance costs are displayed in current dollars.

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### General Government Projects

#### AZALEA FUEL CONSOLIDATION\*

This project consolidates the two antiquated and unsafe fueling stations at the Azalea site into a single safer more effective fueling facility. The old underground tanks would be removed and new environmentally compliant above ground tanks installed.

<b>Function:</b> General Government		<b>Start Date:</b> 2014		<b>End Date:</b> 2014				
<b>I. Expenditures:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
	-	1,000	-	-	-	-	-	1,000
<b>II. Fund Source:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
Existing Funds	-	1,000	-	-	-	-	-	1,000
<b>III. O&amp;M Costs (Savings):</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Personnel		-	-	-	-	-		
Operating		-	(3)	-	-	-		

**IV. O&M Impacts:** There is an anticipated reduction in insurance costs due to consolidating sites.

#### BANOV – REPLACE HVAC SYSTEM\*

This project will replace the existing HVAC system with a more energy efficient system. The existing system has exceeded its life expectancy and has become costly to maintain. Without replacement, the system will soon become un-maintainable with a high probability of failure resulting in unacceptable working conditions within the facility.

<b>Function:</b> General Government		<b>Start Date:</b> 2013		<b>End Date:</b> 2014				
<b>I. Expenditures:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
	25	450	-	-	-	-	-	475
<b>II. Fund Source:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
Existing Funds	25	450	-	-	-	-	-	475
<b>III. O&amp;M Costs (Savings):</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Personnel		-	-	-	-	-		
Operating		-	(6)	-	-	-		

**IV. O&M Impacts:** There are minor utility savings expected from the more efficient unit.

\*Amounts in thousands of dollars

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### ENERGOV UPGRADE\*

EnerGov was implemented by the County in 2008 for use by Building Services, Planning and Revenue Collections for issuing licenses and permits, collection of corresponding fees, scheduling and monitoring building inspections and assessment and collection of the hospitality and accommodation taxes. The upgrade of this software contains many new features that will be useful for these departments.

<b>Function:</b>		General Government			<b>Start Date:</b>		2014	<b>End Date:</b>		2014
<b>I. Expenditures:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
		-	200	-	-	-	-	-	200	
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
	Existing Funds	-	200	-	-	-	-	-	200	
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>			
	Personnel		-	-	-	-	-			
	Operating		-	-	-	-	-			
<b>IV. O&amp;M Impacts:</b>		There are no significant additional operating or maintenance costs or savings due to this project.								

### COUNTY OFFICE BUILDING – CARPET REPLACEMENT\*

The carpet has exceeded its life expectancy and requires replacement. This project will cover the purchase costs and installation of all required carpeting in the building.

<b>Function:</b>		General Government			<b>Start Date:</b>	2017	<b>End Date:</b>	2017	
<b>I. Expenditures:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
		-	-	-	-	200	-	-	200
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
	Future Sources	-	-	-	-	200	-	-	200
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
	Personnel		-	-	-	-	-		
	Operating		-	-	-	-	-		
<b>IV. O&amp;M Impacts:</b>	There are no significant additional operating or maintenance costs or savings due to this project.								

\*Amounts in thousands of dollars

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### COUNTY OFFICE BUILDING – EXTERIOR PAINTING\*

In order to keep the County Office Building exterior from deteriorating, the building will require patching and painting of its outside surfaces.

<b>Function:</b>		General Government			<b>Start Date:</b>		2016	<b>End Date:</b>		2016
<b>I. Expenditures:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
		-	-	-	200	-	-	-	200	
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
	Future Sources	-	-	-	200	-	-	-	200	
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>			
	Personnel		-	-	-	-	-			
	Operating		-	-	-	-	-			
<b>IV. O&amp;M Impacts:</b>	There are no significant additional operating or maintenance costs or savings due to this project.									

### HUMAN SERVICES BUILDING\*

In order to keep the Human Services Building exterior from deteriorating, the building will require the masonry to be re-anchored and repointed and the window lintels to be repaired.

<b>Function:</b>		General Government			<b>Start Date:</b>		2014	<b>End Date:</b>		2014
<b>I. Expenditures:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
		-	100	-	-	-	-	-	100	
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
	Existing Funds	-	100	-	-	-	-	-	100	
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>			
	Personnel		-	-	-	-	-			
	Operating		-	-	-	-	-			
<b>IV. O&amp;M Impacts:</b>		There are no significant additional operating or maintenance costs or savings due to this project.								

\*Amounts in thousands of dollars



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### LEE BUILDING – CARPET REPLACEMENT\*

The carpet has exceeded its life expectancy and requires replacement.

<b>Function:</b>		General Government			<b>Start Date:</b>		2016	<b>End Date:</b>		2016
<b>I. Expenditures:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
		-	-	-	200	-	-	-	200	
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
	Future Sources	-	-	-	200	-	-	-	200	
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>			
	Personnel		-	-	-	-	-			
	Operating		-	-	-	-	-			
<b>IV. O&amp;M Impacts:</b>		There are no significant additional operating or maintenance costs or savings due to this project.								

### LEE BUILDING – HVAC UPGRADE\*

This project will include the replacement of 4 of 10 ten ton HVAC units to include trunk supply and return ducting. The units are beyond repair and the existing duct board is collapsing.

Function:	General Government			Start Date:	2016	End Date:	2016	
I. Expenditures:	Prior	2014	2015	2016	2017	2018	Beyond	Total
	-	250	-	-	-	-	-	250
II. Fund Source:	Prior	2014	2015	2016	2017	2018	Beyond	Total
Existing Funds	-	250	-	-	-	-	-	250
III. O&M Costs (Savings):		2014	2015	2016	2017	2018		
Personnel		-	-	-	-	-		
Operating		-	-	-	(4)	-		
IV. O&M Impacts:	Estimated decrease in annual energy cost is \$4,300.							

\*Amounts in thousands of dollars

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### LEE BUILDING – ROOF REPLACEMENT\*

This project replaces the roofing system on the Lee Building. The roof is under constant repair and total replacement is the only option.

Function:	General Government			Start Date:	2017	End Date:	2017	
	Prior	2014	2015	2016	2017	2018	Beyond	Total
I. Expenditures:	-	-	-	-	500	-	-	500
II. Fund Source:	Prior	2014	2015	2016	2017	2018	Beyond	Total
Future Sources	-	-	-	-	500	-	-	500
III. O&M Costs (Savings):		2014	2015	2016	2017	2018		
Personnel		-	-	-	-	-		
Operating		-	-	-	-	(2)		
IV. O&M Impacts:	There are minimal utility savings of \$2,000 expected in FY 2018.							

### PARKING GARAGES\*

This project will address necessary repairs, outstanding maintenance issues, and upgrades in the Cumberland and King & Queen Parking Garages required for their continued use. Repairs include localized patching of cracks in concrete, application of corrosion inhibitor, and surface coating of the upper decks of the King & Queen Garage.

Function:	General Government			Start Date:	2009	End Date:	2016	
I. Expenditures:	Prior	2014	2015	2016	2017	2018	Beyond	Total
	2,580	1,120	-	400	-	-	150	4,250
II. Fund Source:	Prior	2014	2015	2016	2017	2018	Beyond	Total
Existing Funds	2,580	1,120	-	400	-	-	-	4,250
III. O&M Costs (Savings):		2014	2015	2016	2017	2018		
Personnel		-	-	-	-	-		
Operating		-	-	-	(90)	-		
IV. O&M Impacts:	There are personnel savings anticipated due to automation of some equipment.							

\*Amounts in thousands of dollars

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### PUBLIC SERVICE BUILDING – CARPET REPLACEMENT\*

The carpet has exceeded its life expectancy and requires replacement. This will be accomplished in two phases. Phase I will cover the purchase costs and installation in the highest traffic areas in the building. Phase II will cover the installation of the carpet in the remaining portions of the building.

Function:	General Government			Start Date: 2016		End Date: 2017		
	Prior	2014	2015	2016	2017	2018	Beyond	Total
I. Expenditures:	-	-	-	250	120		-	370
II. Fund Source:	Prior	2014	2015	2016	2017	2018	Beyond	Total
Future Sources	-	-	-	250	120		-	370
III. O&M Costs (Savings):		2014	2015	2016	2017	2018		
Personnel		-	-	-	-	-		
Operating		-	-	-	-	-		
IV. O&M Impacts:	There are no significant additional operating or maintenance costs or savings due to this project.							

### PUBLIC SERVICE BUILDING IT ROOM HVAC SYSTEM\*

This project will provide cooling to the main server room. This project is necessary due to the amount of additional IT equipment purchased. Currently the total air conditioning load now exceeds the amount available. This project will install two additional dedicated units.

Function:		General Government			Start Date:		2014	End Date:		2014
I. Expenditures:		Prior	2014	2015	2016	2017	2018	Beyond	Total	
		-	180	-	-	-	-	-	180	
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total	
Existing Funds		-	180	-	-	-	-	-	180	
III. O&M Costs (Savings):			2014	2015	2016	2017	2018			
Personnel			-	-	-	-	-			
Operating			-	9	-	-	-			
IV. O&M Impacts:	This project will increase the service contracts for the two additional units.									

\*Amounts in thousands of dollars

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### RMC HISTORICAL IMAGING\*

This project will make the historical records available to the public in a digitized format rather than in their current fragile condition. Some of these documents are three hundred years old and are in critical need of preservation work.

<b>Function:</b>		General Government			<b>Start Date:</b>		2014	<b>End Date:</b>		2014
<b>I. Expenditures:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
		-	150	-	-	-	-	-	150	
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
	Existing Funds	-	150	-	-	-	-	-	150	
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>			
	Personnel		-	-	-	-	-			
	Operating		4	-	-	-	-			
<b>IV. O&amp;M Impacts:</b>		Although an estimate for related supplies was added to the FY14 budget, the estimated increase in annual maintenance costs is unknown at this time.								

### TAX SOFTWARE SYSTEM\*

The new application will provide the County Tax Departments (Auditor, Treasurer, Assessor and Delinquent Tax Collector) a comprehensive Commercial off the Shelf tax system that will satisfy the South Carolina statutory requirements of issuing and collecting real and personal property taxes. Furthermore, with the tax application, the County will implement a new CAMA system for the Assessor's Office that will improve the ability to reassess real property.

<b>Function:</b>		General Government			<b>Start Date:</b>	2008	<b>End Date:</b>	2014	
<b>I. Expenditures:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
		2,070	130	-	-	-	-	-	2,200
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
	Existing Funds	2,070	130	-	-	-	-	-	2,200
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
	Personnel		-	-	-	-	-		
	Operating		-	-	-	-	-		
<b>IV. O&amp;M Impacts:</b>	This software is being migrated from the mainframe system to a mini-mainframe environment. There is no significant additional operating or maintenance costs or savings due to this project.								

\*Amounts in thousands of dollars

# Capital Projects – General

## Charleston County

### TELEPHONE UPGRADE COB/JUDICIAL\*

This project will replace aging telephone systems in use throughout the County. The Judicial Center system will become the hub for all phone systems in the Downtown area.

<b>Function:</b>		General Government			<b>Start Date:</b>		2014	<b>End Date:</b>		2014
		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
<b>I. Expenditures:</b>		-	350	-	-	-	-	-	350	
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
Existing Funds		-	350	-	-	-	-	-	350	
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>			
Personnel			-	-	-	-	-			
Operating			-	-	-	-	-			
<b>IV. O&amp;M Impacts:</b>		There are no significant additional operating or maintenance costs or savings due to this project.								

### TELEPHONE UPGRADE PSB\*

This project will replace aging telephone systems in use throughout the County. The PSB system will become the hub for all phone systems in the City of North Charleston.

<b>Function:</b>		General Government			<b>Start Date:</b>		2014	<b>End Date:</b>		2014
<b>I. Expenditures:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
		-	330	-	-	-	-	-	330	
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
	Existing Funds	-	330	-	-	-	-	-	330	
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>			
	Personnel		-	-	-	-	-			
	Operating		-	-	-	-	-			
<b>IV. O&amp;M Impacts:</b>	There are no significant additional operating or maintenance costs or savings due to this project.									

\*Amounts in thousands of dollars

# Capital Projects – General

## Charleston County

### Judicial Projects

#### CLERK OF COURT SYSTEMS\*

The State of South Carolina is implementing a statewide common system that was originally scheduled to be implemented in 2014. However, due to unforeseen delays, a new project plan is being developed and the new implementation timeline will be announced at a later time. Although the current applications are being run in the mainframe environment, the applications are in progress of migrating to a mini-mainframe.

<b>Function:</b>		General Government			<b>Start Date:</b>	2010	<b>End Date:</b>	2014	
		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
<b>I. Expenditures:</b>		320	450	-	-	-	-	-	770
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
Existing Funds		320	450	-	-	-	-	-	770
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Personnel			-	-	-	-	-		
Operating			-	-	-	-	-		
<b>IV. O&amp;M Impacts:</b>		There are no significant additional operating or maintenance costs or savings due to this project.							

#### MAGISTRATE COURT: N. CHARLESTON\*

This project will add 1063 sq. ft. to the existing courtroom which will enlarge the judge's chambers, clerical staff offices, lobby and add a conference room. The additional space will also increase seating capacity, enlarge the jury box and provide more space for the attorneys.

<b>Function:</b>		General Government			<b>Start Date:</b>		2014	<b>End Date:</b>		2014
		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
<b>I. Expenditures:</b>		-	560	-	-	-	-	-	560	
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
Existing Funds		-	560	-	-	-	-	-	560	
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>			
Personnel		-	-	-	-	-				
Operating		-	5	-	-	-				
<b>IV. O&amp;M Impacts:</b>		An estimated increase of \$4,500 in operating and maintenance costs are anticipated.								

\*Amounts in thousands of dollars

# Capital Projects – General

## Charleston County

### SOLICITOR: CASE MGMT SYSTEM\*

The Solicitor's Office has been using the PCMS software provided by the State to manage their case records for more than 8 years. This project will replace the existing software with an upgraded version that will enable them to meet their current needs as well as the capability to attach files to a case record.

<b>Function:</b>		General Government			<b>Start Date:</b>	2014	<b>End Date:</b>	2014	
<b>I. Expenditures:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
		-	375	-	-	-	-	-	375
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
	Existing Funds	-	375	-	-	-	-	-	375
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
	Personnel		-	-	-	-	-		
	Operating		-	35	-	-	-		
<b>IV. O&amp;M Impacts:</b>	There will be an increase in maintenance costs of a approximately \$35,000.								

## Public Safety Projects

### CONSOLIDATED DISPATCH CENTER\*

This project will provide facilities for full implementation of the Charleston County Consolidated 9-1-1 Center which will result in faster emergency response times along with enhanced interoperability and coordination among responding agencies. Transition to the Consolidated 9-1-1 Center will provide countywide emergency dispatch for law enforcement, fire and emergency medical services.

Function:		Public Safety		Start Date:		2009		End Date:		2014	
		Prior	2014	2015	2016	2017	2018	Beyond	Total		
I. Expenditures:		24,000	620	-	-	-	-	-	24,620		
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total		
Emergency 911		3,750	-	-	-	-	-	-	3,750		
Existing Bond Issues		14,668	-	-	-	-	-	-	14,668		
Existing Funds		5,582	620	-	-	-	-	-	6,202		
III. O&M Costs (Savings):			2014	2015	2016	2017	2018				
Personnel			1,420	-	-	-	-				
Operating			413	-	-	-	-				
IV. O&M Impacts:		Upon full consolidation, estimated for 2014, a total of 102 positions will be added. Additional operating costs will include utilities and communications costs at the new facility.									

\*Amounts in thousands of dollars

# Capital Projects – General

## Charleston County

### CORONER'S OFFICE RENOVATION \*

This project will renovate and expand the Coroner's office from vacant office space. The total square footage to be renovated is 4,560 sq. ft.

Function:		Public Safety		Start Date:		2014		End Date:		2014	
		Prior	2014	2015	2016	2017	2018	Beyond	Total		
I. Expenditures:		-	825	-	-	-	-	-	825		
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total		
Existing Funds		-	825	-	-	-	-	-	825		
III. O&M Costs (Savings):			2014	2015	2016	2017	2018				
Personnel			-	-	-	-	-				
Operating			-	-	-	-	-				
IV. O&M Impacts:		There are no significant additional operating or maintenance costs or savings due to this project.									

### DETENTION CENTER ADMINISTRATION BUILDING RENOVATIONS \*

This project includes renovation of the existing one-story administration building to provide courtrooms and office space for the bond hearing and preliminary hearing courts, and suites for juvenile detention, logistics, and sheriff's training.

<b>Function:</b>	Public Safety			<b>Start Date:</b>	2012	<b>End Date:</b>	2014	
<b>I. Expenditures:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
	650	850	-	-	-	-	-	1,500
<b>II. Fund Source:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
Existing Funds	650	850	-	-	-	-	-	1,500
<b>III. O&amp;M Costs (Savings):</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Personnel		-	-	-	-	-		
Operating		(78)	-	-	-	-		
<b>IV. O&amp;M Impacts:</b>	Renovations to this building are anticipated to eliminate \$78,000 of lease costs associated with the courts.							

\*Amounts in thousands of dollars



# Capital Projects – General

## Charleston County

### DETENTION CENTER ADMINISTRATION ROOF \*

This project is approximately 66,000 square feet of roof on the old administration sections and building wings of the Detention Center which are currently unoccupied. However, Bond Hearing Court and Preliminary Bond Court will be relocating to this area. The roof is currently be maintained with routine patching.

Function:		Public Safety		Start Date:		2014		End Date:		2014	
		Prior	2014	2015	2016	2017	2018	Beyond	Total		
I. Expenditures:		-	225	-	-	-	-	-	225		
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total		
Existing Funds		-	225	-	-	-	-	-	225		
III. O&M Costs (Savings):			2014	2015	2016	2017	2018				
Personnel			-	-	-	-	-				
Operating			-	(6)	-	-	-				
IV. O&M Impacts:		An estimated decrease of \$6,000 in annual energy costs is anticipated.									

### DETENTION CENTER AIR HANDLING UNIT\*

The HVAC system in the older portion of the Detention Center has exceeded its life expectancy by more than a decade. Four air handler units can no longer be repaired and require replacement. These units will be replaced with more energy efficient units.

Function:		General Government			Start Date:		2013	End Date:		2014
I. Expenditures:		Prior	2014	2015	2016	2017	2018	Beyond	Total	
		120	120	-	-	-	-	-	240	
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total	
Existing Funds		120	120	-	-	-	-	-	240	
III. O&M Costs (Savings):			2014	2015	2016	2017	2018			
Personnel			-	-	-	-	-			
Operating			-	(40)	-	-	-			
IV. O&M Impacts:	An estimated decrease of \$40,000 in annual energy costs is anticipated.									

\*Amounts in thousands of dollars

# Capital Projects – General

## Charleston County

### DETENTION CENTER EXTERIOR\*

This project includes pressure washing, re-caulking and painting of the older areas of the Detention Center including the corridor and the wings.

Function:		Public Safety			Start Date:		2014	End Date:		2014
		Prior	2014	2015	2016	2017	2018	Beyond	Total	
I. Expenditures:		-	160	-	-	-	-	-	160	
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total	
Existing Funds		-	160	-	-	-	-	-	160	
III. O&M Costs (Savings):			2014	2015	2016	2017	2018			
Personnel			-	-	-	-	-			
Operating			-	-	-	-	-			
IV. O&M Impacts:		This project will mitigate additional deterioration of the existing wall system and reduce future maintenance and repair costs.								

### DETENTION CENTER TOWER\*

This project replaces approximately 37,000 sq. ft. of roof and roof insulation on the old tower and corridor of the Detention Center.

Function:		Public Safety			Start Date:		2017	End Date:		2017
		Prior	2014	2015	2016	2017	2018	Beyond	Total	
I. Expenditures:		-	-	-	-	725	-	-	725	
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total	
Future Sources		-	-	-	-	725	-	-	725	
III. O&M Costs (Savings):			2014	2015	2016	2017	2018			
Personnel			-	-	-	-	-			
Operating			-	-	-	-	(3)			
IV. O&M Impacts:		An estimated decrease of \$3,400 in energy costs is anticipated.								

\*Amounts in thousands of dollars

# Capital Projects – General

## Charleston County

### EMERGENCY MEDICAL SERVICES WAREHOUSE\*

This project is retrofit/renovation of the existing Sheriff's Logistics facility located in the rear of the Elections warehouse for the Emergency Medical Services department. It will house a central supply facility for EMS for resupply of outlying EMS stations. This project will follow the completion of the Law Enforcement Center.

<b>Function:</b>		Public Safety			<b>Start Date:</b>		2015	<b>End Date:</b>		2015
		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
<b>I. Expenditures:</b>		-	-	-	150	-	-	-	150	
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>	
Existing Funds		-	-	-	150	-	-	-	150	
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>			
Personnel			-	-	-	-	-			
Operating			-	-	-	-	-			
<b>IV. O&amp;M Impacts:</b>		There are no significant additional operating or maintenance costs or savings due to this project. Retrofitting this space may avoid the need to lease space at another location.								

### LAW ENFORCEMENT CENTER\*

This project will relocate and consolidate the Sheriff's Office personnel from multiple locations to a single centrally located facility. The project consists of interior renovations to the existing main SCE&G building and two outbuildings on the Leeds Avenue site to house Sheriff's staff.

<b>Function:</b>		Public Safety		<b>Start Date:</b>		2011		<b>End Date:</b>		2014	
		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>		
<b>I. Expenditures:</b>		5,700	6,800	-	-	-	-	-	12,500		
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>		
Existing Funds		-	500	-	-	-	-	-	500		
Future Sources		5,700	6,300	-	-	-	-	-	12,000		
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>				
Personnel			-	100	-	-	-				
Operating			-	525	-	-	-				
<b>IV. O&amp;M Impacts:</b>		O&M increases will be needed to cover the recurring cost of two additional maintenance personnel, maintenance contracts for HVAC systems, and other services. There will also be a projected increase in utility cost. Some of this cost will be offset by the reduced cost of operating the facilities that are vacated.									

\*Amounts in thousands of dollars

# Capital Projects – General

## Charleston County

### LAW ENFORCEMENT TRAINING CENTER\*

This project will create a firearms shooting range and law enforcement training facility at the County owned Sheppard Tract.

Function:		Public Safety			Start Date:		2014	End Date:		2014
		Prior	2014	2015	2016	2017	2018	Beyond	Total	
I. Expenditures:		-	500	-	-	-	-	-	500	
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total	
Existing Funds		-	500	-	-	-	-	-	500	
III. O&M Costs (Savings):			2014	2015	2016	2017	2018			
Personnel			-	-	-	-	-			
Operating			-	-	-	-	-			
IV. O&M Impacts:		Estimated increase in annual operating and maintenance costs are unknown at this time.								

### SHERIFF FINGERPRINT/FACIAL RECOGNITION \*

The Sheriff's Office currently uses the NIST Manager Fingerprint Archive system. This upgrade will include the Quickd-ID fingerprint identification module and Face Plus Facial Recognition module. This upgrade will extend the NIST Manager system's reach to the field so that fingerprints can be ascertained in patrol cars, crime scenes, etc. The upgrade to the facial recognition module will help to identify persons of interest without any direct contact with them.

Function:		Public Safety		Start Date:		2014		End Date:		2014	
		Prior	2014	2015	2016	2017	2018	Beyond	Total		
I. Expenditures:		-	295	-	-	-	-	-	335		
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total		
Existing Funds		-	295	-	-	-	-	-	335		
III. O&M Costs (Savings):			2014	2015	2016	2017	2018				
Personnel			-	-	-	-	-				
Operating			-	40	-	-	-				
IV. O&M Impacts:		There are no significant additional operating costs but there is an estimated increase of \$40,000 in maintenance costs.									

\*Amounts in thousands of dollars

# Capital Projects – General

## Charleston County

### STATION ALERTING\*

Station Alerting reduces the workload of the Dispatch staff while increasing the speed and efficiency of dispatching the correct units to an incident. The system also reduces or eliminates the amount of radio communications needed for monitoring and only sends out the call to the assigned incident channel.

<b>Function:</b>		General Government			<b>Start Date:</b>	2014	<b>End Date:</b>	2014	
<b>I. Expenditures:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
		-	3,500	-	-	-	-	-	3,500
<b>II. Fund Source:</b>		<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
	Existing Funds	-	3,500	-	-	-	-	-	3,500
<b>III. O&amp;M Costs (Savings):</b>			<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
	Personnel		-	-	-	-	-		
	Operating		100	-	-	-	-		
<b>IV. O&amp;M Impacts:</b>	Additional maintenance costs are anticipated.								

### PUBLIC SAFETY SYSTEM\*

The Public Safety Division administers the upgrade and maintenance of the records management system for the Detention Center, the Sheriff's Law Enforcement Division and other public safety entities.

Function:		General Government			Start Date:		2014	End Date:		2015
		Prior	2014	2015	2016	2017	2018	Beyond	Total	
I. Expenditures:		-	1,575	2,925	-	-	-	-	4,500	
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total	
Existing Funds		-	1,575	2,925	-	-	-	-	4,500	
III. O&M Costs (Savings):			2014	2015	2016	2017	2018			
Personnel			-	-	-	-	-			
Operating			-	-	900	-	-			
IV. O&M Impacts:		Additional maintenance costs of approximately 20% of project costs are anticipated.								

\*Amounts in thousands of dollars

# Capital Projects – General

## Charleston County

### Recreation / Culture Projects

#### CHARLESTON SENIOR CITIZEN CENTER HVAC\*

The HVAC system has exceeded its life expectancy by more than a decade. It is no longer economically repairable and requires replacement. The system will be replaced with a more energy efficient system.

<b>Function:</b> General Government		<b>Start Date:</b> 2015		<b>End Date:</b> 2015				
<b>I. Expenditures:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
	-	-	120	-	-	-	-	120
<b>II. Fund Source:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
Future Sources	-	-	120	-	-	-	-	120
<b>III. O&amp;M Costs (Savings):</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Personnel		-	-	-	-	-		
Operating		-	-	-	-	-		

**IV. O&M Impacts:** The replacement of the system is anticipated to reduce utility costs.

\*Amounts in thousands of dollars

#### TRIDENT NURSING BUILDING\*

This project will construct an approximately 90,000 square foot building on the main campus of Trident Technical College. The County is providing a portion of the funding required for construction. The building will provide classrooms for nursing and science labs. Other classrooms and space for student study will also be provided. The project addresses the tri-county area's current shortage of nursing and allied health workers.

<b>Function:</b> Recreation / Culture		<b>Start Date:</b> 2012		<b>End Date:</b> 2014				
<b>I. Expenditures:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
	5,160	12,840	-	-	-	-	-	18,000
<b>II. Fund Source:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
Existing Bond Issues	5,160	12,840	-	-	-	-	-	18,000
<b>III. O&amp;M Costs (Savings):</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Personnel		-	-	-	-	-		
Operating		-	-	-	-	-		

**IV. O&M Impacts:** Charleston County will not own or operate this facility. There will be no operating or maintenance costs associated with this project.

\*Amounts in thousands of dollars

# Capital Projects – Transportation Sales Tax

## Charleston County

### Five Year Comprehensive Plan of Expenditures – Transportation Sales Tax

The Transportation Sales Tax program was developed after a referendum to provide specific additional tax funds for road, mass transit and green space projects was passed by the voters of Charleston County in the November 2004 countywide election. The staff of the Charleston County Transportation Development Department manages the transportation project portion of the Half Cent Sales Tax program.

#### Financial Policies

- *Capital Improvement Policy #3: ... strive to maintain and replace existing infrastructure (i.e. roads and bridges) as needed.*

There are two types of projects, Allocation and Bonded. The Allocation projects generally fall within the areas of resurfacing, small paving, bike and pedestrian, and drainage improvements as well as an annual contribution to the Charleston County Public Works Department. Selection is based on several criteria including, but not limited to, current road condition, community need and expected future traffic improvements. In addition, there are several large-scale projects, referred to as Bonded projects, that are funded through the two bond referendums passed in 2004 and 2006 which provided immediate funds for use on the larger projects to be paid through future half-cent sales tax revenues. All project selections are to fit within the goals of the Council's 2006 Charleston County Comprehensive Transportation Plan.

The Greenbelt program is funded through half-cent sales tax revenue as well and is administered by Charleston County Staff under the guidance of the Greenbelt Advisory Board and the Greenbelt Bank Board. The Greenbelt purchases are funded through the proceeds of the 2004 and 2006 bond referendums that will be paid for with future half-cent sales tax revenue. The purchases made by Charleston County to protect green spaces are selected based on submissions by landowners to County Staff and recommendations of the Greenbelt Boards, with final approval coming from Charleston County Council.

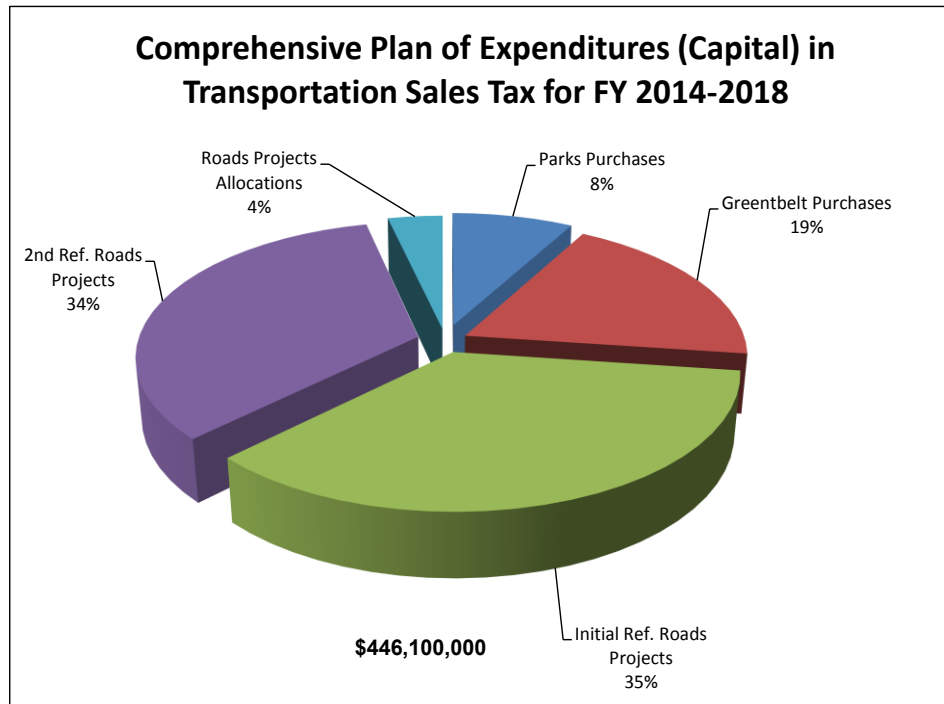
### Transportation Sales Tax Project Cost Summary \*

Project Title	Prior	2014	2015	2016	2017	2018	Beyond	Project Total
<b>Public Works</b>								
PRC Purchases	\$ 36,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,000
Greenbelt Purchases	71,500	10,000	3,500	-	-	-	-	85,000
Initial Referendum Projects	142,500	4,400	7,600	4,200	-	-	-	158,700
2nd Referendum Projects	56,100	43,800	19,000	18,100	8,500	4,700	-	150,200
Roads Projects Allocations	-	-	-	-	-	400	15,800	16,200
<b>GRAND TOTAL</b>	<b>\$ 306,100</b>	<b>\$58,200</b>	<b>\$30,100</b>	<b>\$22,300</b>	<b>\$ 8,500</b>	<b>\$ 5,100</b>	<b>\$15,800</b>	<b>\$446,100</b>

\* Amounts in thousands of dollars

# Capital Projects – Transportation Sales Tax

## Charleston County



### Financing the CIP

The funding plan for the Transportation Development Department capital projects is developed based on projected half-cent sales tax receipts and the proceeds from the bonds issued in 2006, 2007, 2009, and 2011. The collected sales tax also services the debt on the bonds that have already been issued.

### Transportation Sales Tax Source Summary \*

Funding Source	Prior	2014	2015	2016	2017	2018	Beyond	Total
SCDOT/CHATS/Earmark	\$ 11,700	\$ 19,900	\$ 3,800	12,100	10,900	\$ 5,700	\$ -	64,100
Existing Bond Funds	294,400	38,300	26,300	7,200	-	-	15,800	382,000
<b>GRAND TOTAL</b>	<b>\$ 306,100</b>	<b>\$58,200</b>	<b>\$30,100</b>	<b>\$19,300</b>	<b>\$10,900</b>	<b>\$ 5,700</b>	<b>\$15,800</b>	<b>\$446,100</b>

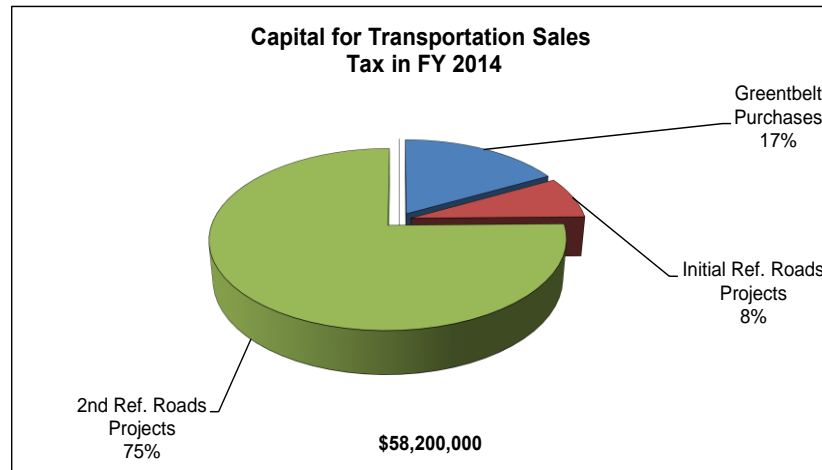
\* Amounts in thousands of dollars

Funds not generated through sales tax receipts include federal or state grants and municipal contributions and are project specific. As such, they are not included in capital funding plans until secured by an actual agreement with the entity that is providing them. Depending on how the agreement is structured and which entity is managing the project, project funds that become available through partnerships with municipalities will either be disbursed to or collected from the municipality by Charleston County.



# Capital Projects – Transportation Sales Tax

## Charleston County



*County Council Chairman Pryor and City of Charleston Mayor Riley attend a RoadWise groundbreaking ceremony.*



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# Capital Projects – Transportation Sales Tax

## Charleston County

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### Impact on the Operating Budget

Charleston County expects the impact on the operating funds associated with the capital portion of the Transportation Sales Tax Comprehensive Plan of Expenditures to be minimal. The majority of the funds are being used for infrastructure repairs and improvements. There is a significant savings to the County's General Fund due to this program's existence.



*Improvements to Johnnie Dodds Boulevard.*

# Capital Projects - Environmental Management

## Charleston County

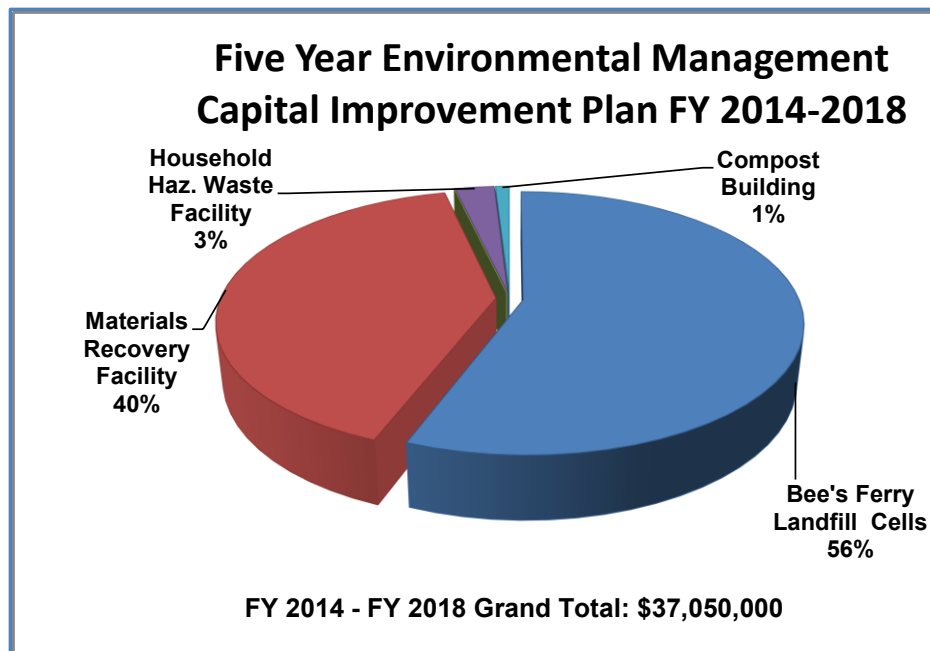
### Environmental Management Capital Improvement Plan

The Environmental Management Department's Five Year Capital Improvement Plan provides long-range plans to continue advancing the County's 40% recycling goal and become the premier solid waste program in the southeastern United States. The five-year capital improvement plan provides a structured approach to support these goals.

### Environmental Management Project Cost Summary \*

Project Title	Prior	2014	2015	2016	2017	2018	Beyond	Project Total
<b>Public Works</b>								
Bee's Ferry Landfill - Entrance	\$ 700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700
Landfill Cell 4 - Phase 3	1,000	8,000	2,000	-	-	-	-	11,000
Landfill Cell 5 - Phase 4	-	-	-	-	-	9,000	-	9,000
Compost Building	35	315	-	-	-	-	-	350
Household Haz. Waste Facility	100	900	-	-	-	-	-	1,000
Materials Recovery Facility	3,000	12,000	-	-	-	-	-	15,000
<b>GRAND TOTAL</b>	<b>\$ 4,835</b>	<b>\$ 21,215</b>	<b>\$ 2,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,000</b>	<b>\$ -</b>	<b>\$ 37,050</b>

\* Amounts in thousands of dollars



### Financing the CIP

The funding for this plan will come from the use of existing funds. Environmental Management intends to fund the projects with future revenues if necessary.

# Capital Projects - Environmental Management

## Charleston County

### Environmental Management Source Summary \*

Funding Source	Prior	2014	2015	2016	2017	2018	Beyond	Total
Existing Funds	\$ 4,835	\$ 21,215	\$ 2,000	\$ -	\$ -	\$ -	\$ -	\$ 28,050
Future Sources	-	-	-	-	-	9,000	-	9,000
<b>GRAND TOTAL</b>	<b>\$ 4,835</b>	<b>\$ 21,215</b>	<b>\$ 2,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,000</b>	<b>\$ -</b>	<b>\$ 37,050</b>

\* Amounts in thousands of dollars

### Impact on the Operating Budget

Environmental Management expects additional utilities and maintenance costs associated with the new and expanded facilities in the current CIP.





# Capital Projects - Environmental Management

## Charleston County

### Public Works Projects

#### BEE'S FERRY LANDFILL- ENTRANCE\*

The entrance to the Bee's Ferry Landfill will be designed and constructed during the widening of Bee's Ferry Road, a Transportation Sales Tax Bonded project. Funds will support design and construction costs to relocate the entrance, install drainage improvements and install new landscaping.

Function:		Public Works			Start Date:	2013	End Date:	2013	
		Prior	2014	2015	2016	2017	2018	Beyond	Total
I. Expenses:		700	-	-	-	-	-	-	700
II. Fund Source:		Prior	2014	2015	2016	2017	2018	Beyond	Total
Existing Funds		700	-	-	-	-	-	-	700
III. O&M Costs (Savings):			2014	2015	2016	2017	2018		
Personnel			-	-	-	-	-		
Operating			-	-	-	-	-		
IV. O&M Impacts:		There are no significant additional operating or maintenance costs or savings due to this project.							

\*Amounts in thousands of dollars

#### BEE'S FERRY LANDFILL- CELL 4 / PHASE 3 - CONSTRUCTION OF CELL FOR MSW\*

It is projected that the municipal solid waste landfill cell in which we are currently operating will be at capacity in 2015. A new cell will need to be constructed and operational prior to 2015. Funding will support design and construction of the new cell.

<b>Function:</b> Public Works		<b>Start Date:</b> 2013		<b>End Date:</b> 2015				
<b>I. Expenses:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
	1,000	8,000	2,000	-	-	-	-	11,000
<b>II. Fund Source:</b>	<b>Prior</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Beyond</b>	<b>Total</b>
Existing Funds	1,000	8,000	2,000	-	-	-	-	11,000
<b>III. O&amp;M Costs (Savings):</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Personnel		-	-	-	-	-		
Operating		-	-	-	-	-		
<b>IV. O&amp;M Impacts:</b>	There are no immediate additional operating or maintenance costs or savings due to this project. However, there are substantial costs related to post-closure care anticipated over the 30 years following closure of the cell.							

\*Amounts in thousands of dollars

# Capital Projects - Environmental Management

## Charleston County

### BEE'S FERRY LANDFILL- CELL 5/ PHASE 4 - CONSTRUCTION OF CELL FOR MSW\*

It is projected that the municipal solid waste landfill cell that we plan to construct in 2013/2014 will be at capacity in 2019. A new cell will need to be constructed and operational prior to 2019. Funding will support design and construction of the new cell.

**Function:** Public Works **Start Date:** 2018 **End Date:** 2018

	Prior	2014	2015	2016	2017	2018	Beyond	Total
<b>I. Expenses:</b>	-	-	-	-	-	9,000	-	9,000
<b>II. Fund Source:</b>	Prior	2014	2015	2016	2017	2018	Beyond	Total
Existing Funds	-	-	-	-	-	9,000	-	9,000
<b>III. O&amp;M Costs (Savings):</b>	2014	2015	2016	2017	2018			
Personnel	-	-	-	-	-			
Operating	-	-	-	-	-			

**IV. O&M Impacts:** There are no immediate additional operating or maintenance costs or savings due to this project. However, there are substantial costs related to post-closure care anticipated over the 30 years following closure of the cell.

\*Amounts in thousands of dollars

### NEW COMPOST BUILDING\*

The Compost facility accepts food waste as part of a pilot program. The food waste is currently mixed with wood chips in an open environment. A new building is required to mix materials if the compost facility and program are expanded permanently to accept other organic feedstocks. Funds will support design and construction costs.

**Function:** Public Works **Start Date:** 2012 **End Date:** 2014

	Prior	2014	2015	2016	2017	2018	Beyond	Total
<b>I. Expenses:</b>	35	315	-	-	-	-	-	350
<b>II. Fund Source:</b>	Prior	2014	2015	2016	2017	2018	Beyond	Total
Existing Funds	35	315	-	-	-	-	-	350
<b>III. O&amp;M Costs (Savings):</b>	2014	2015	2016	2017	2018			
Personnel	-	-	-	-	-			
Operating	-	25	-	-	-			

**IV. O&M Impacts:** This is a new facility so there will be additional utility and maintenance cost at the Compost cell. It is anticipated that this will enable the County to produce a high-grade compost product that could add to the revenue stream.

\*Amounts in thousands of dollars

# Capital Projects - Environmental Management

## Charleston County

### NEW HOUSEHOLD HAZARDOUS WASTE FACILITY\*

A replacement facility is required to process discarded electronics, paints and other chemicals for proper disposal. The current facility consists of numerous buildings and sheds housing different elements of the operation. This facility will consolidate most of the operation under one roof. Funds will support design and construction costs.

**Function:** Public Works

**Start Date:** 2012

**End Date:** 2014

	Prior	2014	2015	2016	2017	2018	Beyond	Total
<b>I. Expenses:</b>								
	100	900	-	-	-	-	-	1,000
<b>II. Fund Source:</b>								
Existing Funds	100	900	-	-	-	-	-	1,000
<b>III. O&amp;M Costs (Savings):</b>		2014	2015	2016	2017	2018		
Personnel		-	-	-	-	-		
Operating		-	25	-	-	-		

**IV. O&M Impacts:** This is a larger, replacement facility so there will be additional utility and maintenance costs.

\*Amounts in thousands of dollars

### NEW MATERIALS RECOVERY FACILITY\*

The Materials Recovery Facility at 13 Romney Street in Downtown Charleston is 20 years old, utilizes outdated equipment and has limited acreage for program expansion. Funding will support the acquisition of a new facility and plant equipment for a new processing facility.

**Function:** Public Works

**Start Date:** 2013

**End Date:** 2014

	Prior	2014	2015	2016	2017	2018	Beyond	Total
<b>I. Expenses:</b>								
	3,000	12,000	-	-	-	-	-	15,000
<b>II. Fund Source:</b>								
Existing Funds	3,000	12,000	-	-	-	-	-	15,000
<b>III. O&amp;M Costs (Savings):</b>		2014	2015	2016	2017	2018		
Personnel		-	-	-	-	-		
Operating		-	125	-	-	-		

**IV. O&M Impacts:** This is a larger, replacement facility so there will be additional utility and maintenance costs.

\*Amounts in thousands of dollars



**End Section**