Capital Improvements

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Capital Improvements

Mission Statement

The Capital Improvement Program will strive to be reflective of efforts to manage competing capital needs while protecting the lasting financial sustainability of the City.

Description of Services Provided

The Capital Improvement Program (CIP) is a five-year plan that addresses ongoing City infrastructure needs through replenishment and replacement projects. The CIP's first year, the capital budget, is the only appropriated year and subsequent years provide a plan for addressing future infrastructure needs with projected expenditures and resources.

The CIP is programmed in nine specific program areas:

• Sewer – Through the Public Utilities Enterprise Fund, projects are funded for the sewer system replacement and renovation.

• Water – Through the Public Utilities Enterprise Fund, projects are funded for the water system replacement and renovation. The City's water system is aging and requires ongoing repair and rehabilitation in order to secure the City's water supply.

• Drainage and Street Improvements – Through the Stormwater Fund and the Virginia Department of Transportation funding, there are a number of infrastructure improvement projects in this program grouping.

• Education – This program area is comprised of projects that are specifically school related. These include school building replacement and facility repairs. Funding for these projects comes from the City's local revenue, state lottery proceeds, and Virginia Public School Authority construction funds.

• Industrial and Economic Development – This area represents those projects providing for the community's economic vitality. These projects include gateways, pedestrian paths, neighborhood projects, and economic development support.

• Leisure Services – This program area is comprised of projects related to quality of life projects. These projects will improve the physical appearance of structures within the City's neighborhoods and improve recreational facilities throughout the City.

• Municipal Facilities – As the municipal facilities continue to age and maintenance becomes expensive, there is an existing facility need for replacement and refurbishment particularly the City's courts facility. This funding also includes projects to meet the changing dynamics of residential and commercial densities and also new facilities.

• Parking Authority CIP - This area represents projects providing replacement and renovations of City Parking Garages.

• Fleet Management- This area represents maintenance and replacement of the City's vehicle fleet. Currently there are no projects planned.

Strategic Plan

Prioritization of the City's capital needs is essential in the development of the City's capital improvement program (CIP). The City created the CIP Development Team in order to review and analyze existing and future capital projects as well as potential funding strategies and options which must align with City Council's prioritization and the City's vision. This team utilizes benchmarked evaluation criteria to prioritize and recommend the capital budget and 5-year CIP.

The following ten criteria are considered when staff evaluates capital projects:

Quality of Service: Measures the extent a project affects the quality of a service. Quality of a service is defined as the efficiency and effectiveness of that service. A project must demonstrate the degree it positively affects the service's efficiency and effectiveness. A project demonstrating a high degree of impact on efficiency and effectiveness, i.e. the overall quality of the service, is awarded a high evaluation score.

Consistency with Comprehensive Plan and City Council Vision: Measures the extent a project is aligned with the Comprehensive Plan and City Council Vision. A project demonstrating its ability to address components of the Comprehensive plan, specifically the plan's Action Initiatives and Governance Policies on Fiscal Strength, is awarded a high evaluation score.

Availability of Alternative Financing Sources: Measures the extent a project is financed through non-city funding sources. Non-city funding sources include, but are not limited to, private investment, and federal, state or local grants. A project demonstrating ability to generate a larger percentage of non-city project cost funding is awarded a higher evaluation score.

Mandates or Other Legal Requirements: Measures the extent in which the City is legally bound in allocating resources to implement a project. Evaluation scores are based upon a project's supporting legal documentation. A project legally bound, e.g. federal, state and local mandate, is awarded a high evaluation score. Ratified contractual agreements with escape clauses are

Capital Improvements

awarded a score of 4 and contractual agreements without an escape clause are awarded a score of 5.

Documented Community Environmental Quality (External): Measures the extent a project positively affects the City's external environmental quality. Supporting documentation must accompany a project's claim. A project demonstrating a direct positive external environmental improvement is awarded a high evaluation score.

Extent of Impact: Measures the number of affected citizens by the project. A project demonstrating ability to impact a large percentage of the population is awarded a high evaluation score.

Project Readiness: Measures the extent a project is capable of moving beyond the planning stage; ability of project to proceed (i.e. acquiring appropriate approvals, financing and land acquisitions). A project demonstrating its ability to proceed forward, i.e. resolve any or all obstacles to implementation, is awarded a high evaluation score.

Operational Budget Impact: Measures the extent a project impacts current programs and services as well as the City's operating budget flexibility. Evaluation scores are based upon the project's ability to minimize operational budget impact and generate City revenue. A project demonstrating its ability to positively impact the operational budget, through the generation of significant City revenue, is awarded a high evaluation score. Significant revenue is defined as greater than or equal to 10% of the project cost.

Health and Safety (Internal): Measures the extent a project provides increased user health and or safety. Evaluation scores are based upon whether the project maintains current health and safety standards, whether the project alleviates some actual health and or safety issue, or whether the health and or safety issue is urgent and needs immediate attention. A project demonstrating its ability to address actual and urgent safety and or health issues is awarded a high evaluation score.

Project Linkage: Measures the extent a project is related or linked to other CIP projects. Evaluation scores are based upon the degree and extent of impact the project has on other CIP projects (i.e. whether the project compliments or is essential to other CIP projects, and whether the project impacts one or more CIP projects). A project demonstrating its essential nature for the completion of multiple CIP projects is awarded a high evaluation score.

Capital Improvements

Sewer

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Water

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Project #	Project Title	Page #
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Project #	Project Title	Page #
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Parking Authority CIP

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Capital Improvements

Appropriations Plan Summary

Project Categories	Appropriated To Date	FY 2014 Adopted	Un-Appropriated Subsequent Years FY 2015	FY 2016	FY 2017	FY 2018	5 Year Total	CIP Total
Sewer	46,279,069	11,157,100	10,157,100	10,257,100	9,364,350	9,464,350	50,400,000	96,679,069
Water	99,448,030	23,100,000	21,900,000	33,200,000	17,700,000	4,808,250	100,708,250	200,156,280
Drainage and Street Improvements	45,597,610	5,724,492	30,342,825	7,628,007	10,135,771	10,135,771	63,966,866	109,564,476
Education	560,000	2,760,000	1,560,000	2,070,000	1,000,000	1,000,000	8,390,000	8,950,000
Industrial and Economic Development	12,459,913	50,000	50,000	50,000	50,000	50,000	250,000	12,709,913
Leisure Services	2,211,120	325,000	295,000	305,000	305,000	345,000	1,575,000	3,786,120
Municipal Facilities	112,009,481	16,656,331	5,707,782	1,042,916	675,000	675,000	24,757,029	136,766,510
Parking Authority CIP	2,296,272	225,000	1,500,000	1,600,000	-	-	3,325,000	5,621,272
Total Project Cost	320,861,495	59,997,923	71,512,707	56,153,023	39,230,121	26,478,371	253,372,145	574,233,640

Means of Financing	Appropriated To Date	FY 2014 Adopted	Un-Appropriated Subsequent Years FY 2015	FY 2016	FY 2017	FY 2018	5 Year Total	CIP Total
Future Bond Issuance	441,293	14,039,289	19,177,303	1,600,000	1,500,000	1,500,000	37,816,592	38,257,885
General Obligation Bonds	91,817,115	-	-	-	-	-	-	91,817,115
General Obligation Notes	25,327,770	-	-	-	-	-	-	25,327,770
Harbor Center Pavilion Ticket Sales	318,930	50,000	50,000	50,000	50,000	50,000	250,000	568,930
Interest Earnings	4,799,326	-	-	-	-	-	-	4,799,326
Other - Federal Funding	6,465,550	-	-	-	-	-	-	6,465,550
Other - Local Funding	166,946	-	-	-	-	-	-	166,946
Public Utilities General Obligation Bonds	122,996,733	31,373,284	32,057,100	43,457,100	27,064,350	14,272,600	148,224,434	271,221,167
Sale of Property	5,436,000	-	-	-	-	-	-	5,436,000
Sale of Timber	350,000	-	-	-	-	-	-	350,000
State-Other Categorical Aid	70,000	-	10,000,000	-	-	-	10,000,000	10,070,000
Trans from Gen Fund to Capital Reserve - Courts	4,396,375	-	-	-	-	-	-	4,396,375
Transfer from General Fund	7,212,624	4,516,039	3,274,566	2,617,916	2,260,000	2,300,000	14,968,521	22,181,145
Transfer from Public Utilities Fund	17,568,255	2,883,816	-	-	-	-	2,883,816	20,452,071
Transfer from Stormwater Fund	28,434,578	5,375,495	6,393,738	7,358,007	8,355,771	8,355,771	35,838,782	64,273,360
Transfers from Schools(Capital Reserve Simonsdale School)	560,000	1,760,000	560,000	1,070,000	-	-	3,390,000	3,950,000
VML/VaCO Lease Revenue Bonds	4,500,000	-	-	-	-	-	-	4,500,000
Total Funding	320,861,495	59,997,923	71,512,707	56,153,023	39,230,121	26,478,371	253,372,145	574,233,640

Capital Improvements

Sewer

	Appropriated To Date	FY 2014 Adopted	Un-Appropriated Subsequent Years FY 2015	FY 2016	FY 2017	FY 2018	5 Year Total	CIP Total
Project Title								
Miscellaneous Improvements - Sewer	13,326,016	3,500,000	2,500,000	2,500,000	2,500,000	3,500,000	14,500,000	27,826,016
Sanitary Sewer Overflow Elimination Program	17,100,000	6,857,100	6,857,100	6,857,100	5,964,350	5,964,350	32,500,000	49,600,000
Sewer Cave-in Repair	6,334,763	800,000	800,000	900,000	900,000	-	3,400,000	9,734,763
Suction Well Rehabilitation	7,018,290	-	-	-	-	-	-	7,018,290
Williams Court Outlet Sewer Rehabilitation	2,500,000	-	-	-	-	-	-	2,500,000
Total Project Cost	46,279,069	11,157,100	10,157,100	10,257,100	9,364,350	9,464,350	50,400,000	96,679,069
Debt Funding								
Public Utilities General Obligation Bonds	36,132,234	9,473,284	10,157,100	10,257,100	9,364,350	9,464,350	48,716,184	84,848,418
Other Funding								
Sale of Timber	230,000	-	-	-	-	-	-	230,000
Transfers								
Transfer from Public Utilities Fund	9,916,835	1,683,816	-	-	-	-	1,683,816	11,600,651
Total Funding	46,279,069	11,157,100	10,157,100	10,257,100	9,364,350	9,464,350	50,400,000	96,679,069

Capital Improvements

Sewer

Project: 19207 | **Title:** Miscellaneous Improvements - Sewer | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Undefined

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
27,826,016	13,326,016	3,500,000	2,500,000	2,500,000	2,500,000	3,500,000	0

Description and Scope

The Department of Public Utilities is responsible for the operation and maintenance of 64 sewer pump stations and approximately 436 miles of gravity sewer and force mains. Over 72% of Portsmouth's sewer system is at the end of its useful engineered life. These minor projects provide for routine replacement/rehabilitation and upgrade of sewer system components, using both in-house and contract labor.

Rationale

We must continue to lower asset age. Failure of the sanitary sewer system disrupts service to our customers, causes overflows which create public health and environmental problems, and cause liability issues from possible damage to other City assets or private property.

Funding Strategy

This is an ongoing project necessary for the proper operation of the system and to limit failures due to age and deterioration.

Operating Budget Impacts

This project will lower asset age, provide for reliable system operations, reduce sewer overflow potential and overtime, and reduce annual maintenance costs.

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/04 - 06/17	27,826,016
Total Budgetary Cost Estimate:		27,826,016

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	19,662,500
Transfer from Public Utilities Fund	8,163,516
Total Programmed Funding:	27,826,016
Future Funding Requirements:	0

Capital Improvements

Sewer

Project: 19507 | **Title:** Sanitary Sewer Overflow Elimination Program | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision - Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
49,600,000	17,100,000	6,857,100	6,857,100	6,857,100	5,964,350	5,964,350	0

Description and Scope

The objective of this program is to markedly reduce the overflows of sewage caused by the infiltration or inflow of ground or rain water into Portsmouth's sanitary sewer system as required by the Federal Clean Water Act and under the conditions of a voluntary consent order negotiated by the Hampton Roads localities with the State Department of Environmental Quality.

Rationale

This project is a result of a voluntary consent order with the State Department of Environmental Quality. The capacity of wastewater components such as mains and pump stations is finite. Infiltration and inflow of ground or rain water takes up the capacity of these components reserved for wastewater, and can cause sewage overflow. This can result in increased maintenance and capacity costs to customers, and poses a potential health risk to the public.

Funding Strategy

The first step in this program will be to conduct a city-wide Sanitary Sewer System Evaluation Study (SSES) to identify, categorize and prioritize sanitary sewer deficiencies and the necessary actions, phasing, and costs to correct them. This 18-24 month process will be followed by phased, multi-year corrective activities. FY2014 will see significant increases due to start up of projects mandated once the SSES is approved.

Operating Budget Impacts

Project will reduce the annual maintenance requirements, provide for reliable operations and reduce the potential for sanitary sewage overflows.

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/06 - 06/08	1,850,000
Design	07/06 - 06/17	3,390,000
Construction	07/08 - 06/17	44,360,000
Total Budgetary Cost Estimate:		49,600,000

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	46,962,865
Transfer from Public Utilities Fund	2,637,135
Total Programmed Funding:	49,600,000
Future Funding Requirements:	0

Capital Improvements

Sewer

Project: 19307 | **Title:** Sewer Cave-in Repair | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision - Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
9,734,763	6,334,763	800,000	800,000	900,000	900,000	0	0

Description and Scope

The Department of Public Utilities is responsible for the operation & maintenance of approximately 436 miles of sewer mains, manholes, force mains, valves, sewer laterals and other sewage collection components. 72% of Portsmouth's sewage system is at the end of its useful engineering life. This project provides for the replacement and or rehabilitation of minor segments of the failing sewage system, using both in-house forces and outside contractors.

Rationale

Sanitary sewer failures disrupt service to customers, cause overflows which create public health and environmental problems and cause the overlying streets and property to fail.

Funding Strategy

This is an on-going project that is necessary for the proper operation of the system due to failures caused by age and deterioration.

Operating Budget Impacts

Project will reduce the annual maintenance requirements, provide for reliable operations and reduce the potential for sanitary sewage overflows.

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Construction	07/06 - 06/17	9,734,763
Total Budgetary Cost Estimate:		9,734,763

Means of Financing

Funding Source	Amount
Sale of Timber	230,000
Public Utilities General Obligation Bonds	8,704,763
Transfer from Public Utilities Fund	800,000
Total Programmed Funding:	9,734,763
Future Funding Requirements:	0

Capital Improvements

Sewer

Project: 19007 | **Title:** Suction Well Rehabilitation | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision - Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Undefined

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
7,018,290	7,018,290	0	0	0	0	0	0

Description and Scope

The Department of Public Utilities is responsible for the operation & maintenance of an extensive wastewater collection system, of which 72% is at the end of its useful engineering life. Included in the wastewater collection system is 10 miles of vacuum sewer piping and 29 sewer suction wells, which serve the older Downtown, Midtown, Westhaven and Glenshellah portions of the City. This project provides for replacement and/or rehabilitation of the vacuum sewer piping and suction wells.

Rationale

•The vacuum sewer system ranges in age from 52 to 77 years old and exposure to a harsh wastewater environment has caused extensive deterioration of this system.

•Planned, phased expenditures are necessary to maintain this system's operation and prevent failure which could have both public health and environmental consequences.

Funding Strategy

This is an on-going project that will continue until the vacuum lines and suction wells have been rehabilitated and/or replaced. A Master Plan Study to set the range of rehabilitation costs and priorities was completed in FY '03-'04. A pilot program to replace one section of the system, refining rehabilitation methods and costs was performed in FY04-05. Rehabilitation of the system suction wells has been completed. Future funding will begin phased replacement of the vacuum lines.

Operating Budget Impacts

Project will reduce the annual maintenance requirements, provide for reliable operations and reduce the potential for sanitary sewage overflows.

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Construction	07/06 - 06/17	7,018,290
Total Budgetary Cost Estimate:		7,018,290

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	7,018,290
Total Programmed Funding:	7,018,290
Future Funding Requirements:	0

Capital Improvements

Sewer

Project: 19009 | **Title:** Williams Court Outlet Sewer Rehabilitation | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision - Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Behind the former Cradock High School, 4300 GWH

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
2,500,000	2,500,000	0	0	0	0	0	0

Description and Scope

This project involves rehabilitation of the 27-inch concrete sewer main which conveys wastewater from the Williams Court area to the Camden Avenue Pump Station. The rehabilitation will involve lining and/or replacement of approximately 3000 LF of 27" and 18" sewer line on George Washington Highway and Kelley Drive.

Rationale

Investigation of the sewer line during cleaning operations show that the top of the concrete pipe has eroded away due to the release of hydrogen sulfide gas during turbulent wastewater flow. If left unchecked, resulting sanitary sewer overflows would have major public health and environmental issues.

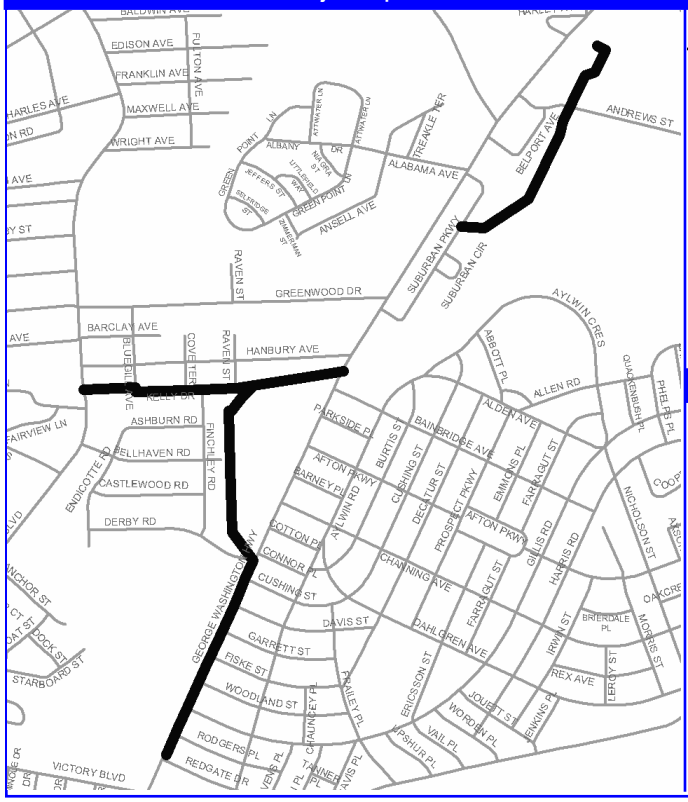
Funding Strategy

Funding to come from Public Utilities General Obligation Bonds.

Operating Budget Impacts

Project would minimize operating costs for Public Utilities.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/08 - 06/11	150,000
Design	07/08 - 06/09	100,000
Construction	02/13 - 11/13	2,250,000
Total Budgetary Cost Estimate:		2,500,000

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	2,500,000
Total Programmed Funding:	2,500,000
Future Funding Requirements:	0

Capital Improvements

Water

	Appropriated To Date	FY 2014 Adopted	Un-Appropriated Subsequent Years FY 2015	FY 2016	FY 2017	FY 2018	5 Year Total	CIP Total
Project Title								
Dam Upgrades	4,000,000	1,500,000	-	-	-	-	1,500,000	5,500,000
Downtown Master Utility Replacement Program	16,900,000	1,000,000	3,900,000	4,000,000	4,000,000	-	12,900,000	29,800,000
Infrastructure Improvements	46,269,501	4,000,000	4,000,000	4,000,000	4,500,000	4,808,250	21,308,250	67,577,751
Lake Cahoon Raw Water Pump Station and Pipeline	800,000	-	-	8,000,000	2,000,000	-	10,000,000	10,800,000
Lake Kilby Replacement Filters 1-10	2,600,000	15,000,000	10,000,000	10,000,000	-	-	35,000,000	37,600,000
Low Pressure Transmission Mains	5,250,000	1,000,000	4,000,000	5,000,000	5,000,000	-	15,000,000	20,250,000
Meter Replacement Program	9,999,000	-	-	-	-	-	-	9,999,000
Miscellaneous Water Work	3,985,616	600,000	-	700,000	700,000	-	2,000,000	5,985,616
Replacement of Water Plant Equipment	9,643,913	-	-	1,500,000	1,500,000	-	3,000,000	12,643,913
Total Project Cost	99,448,030	23,100,000	21,900,000	33,200,000	17,700,000	4,808,250	100,708,250	200,156,280
Debt Funding								
Public Utilities General Obligation Bonds	86,864,499	21,900,000	21,900,000	33,200,000	17,700,000	4,808,250	99,508,250	186,372,749
Other Funding								
Interest Earnings	4,183,511	-	-	-	-	-	-	4,183,511
Other - Federal Funding	626,800	-	-	-	-	-	-	626,800
Other - Local Funding	1,800	-	-	-	-	-	-	1,800
Sale of Timber	120,000	-	-	-	-	-	-	120,000
Other Funding Funding	4,932,111	-	-	-	-	-	-	4,932,111
Transfers								
Transfer from Public Utilities Fund	7,651,420	1,200,000	-	-	-	-	1,200,000	8,851,420
Total Funding	99,448,030	23,100,000	21,900,000	33,200,000	17,700,000	4,808,250	100,708,250	200,156,280

Capital Improvements

Water

Project: 20112 | **Title:** Dam Upgrades | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location:

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
5,500,000	4,000,000	1,500,000	0	0	0	0	0

Description and Scope

These are several upgrades and improvements spread over a 3 year period at dams in Suffolk Lakes.

New Regulatory requirements require localities to enhance and strenghten earthen dams to meet new potential hazard requirements.

Rationale

The City is currently operating under conditional certificates until work is completed that meets the new guidelines.

Funding Strategy

City to issue Bonds in FY12/13

Project Map

NO MAP REQUIRED

Schedule of Activities

Project Activities	From - To	Amount
Project Management	01/00 - 06/14	5,500,000
Total Budgetary Cost Estimate:		5,500,000

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	4,300,000
Transfer from Public Utilities Fund	1,200,000
Total Programmed Funding:	5,500,000
Future Funding Requirements:	0

Capital Improvements

Water

Project: 21907 | **Title:** Downtown Master Utility Replacement Program | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision - Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Downtown Portsmouth

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
29,800,000	16,900,000	1,000,000	3,900,000	4,000,000	4,000,000	0	0

Description and Scope

The Downtown Area contains some of Portsmouth oldest water and wastewater system components. Replacement of aged and inadequate water distribution and wastewater collection and conveyance systems in the Downtown Area are required to support the redevelopment of this critical area as envisioned by the Downtown Strategic Plan prepared by Urban Design Associates. Expected limits of the area are the Elizabeth River on the east, Crawford Parkway on the north, Chestnut Street/Fort Lane on the west, and I-264 on the south.

Rationale

The average age of these water and wastewater components is 100 years, well beyond their useful life. In order to adequately support the proposed redevelopment, replacement of these components is critical.

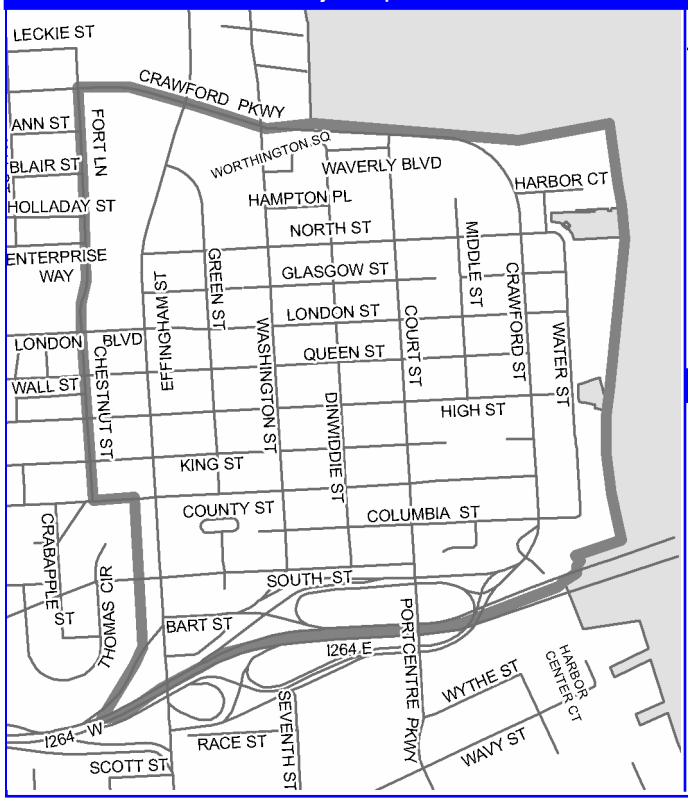
Funding Strategy

Phasing of this project will be tied to the redevelopment phases outlined in the Downtown Strategic Plan. The first phase will be to prepare construction documents for the entire phased project followed by a multi-year construction implementation program.

Operating Budget Impacts

This project will reduce the possibility of major water and sewer system failures in the Downtown area, decreasing maintenance requirements as more piping is replaced.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Design	07/06 - 06/12	3,815,000
Construction	07/06 - 06/17	25,985,000
Total Budgetary Cost Estimate:		29,800,000

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	29,800,000
Total Programmed Funding:	29,800,000
Future Funding Requirements:	0

Capital Improvements

Water

Project: 20007 | **Title:** Infrastructure Improvements | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision - Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide(Include Prentispark Waterline Project)

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
67,577,751	46,269,501	4,000,000	4,000,000	4,000,000	4,500,000	4,808,250	0

Description and Scope

The Department of Public Utilities has developed an aggressive program for replacing or rehabilitating the water and sewer infrastructure throughout the City. This work is based upon the age and condition of the water and sewer infrastructure.

Rationale

•Approximately 63% of Portsmouth's neighborhood water and sewer infrastructure is past its useful life. The age and condition of the water mains pose potential water quality problems and real problems with pressure, flow and leakage. The age and condition of the sewer lines pose potential leakage and cave-in problems, which can impede sewage flow and cause backups.

•The Master Infrastructure Rehabilitation Plan, the Strategic Financial Plan and the Asset Replacement Valuation Study of the Department of Public Utilities all support this project.

Funding Strategy

•This is an on-going project that will continue until all mains that are past their useful life are replaced.

Operating Budget Impacts

This project will reduce the possibility of major water and sewer system failures, decreasing maintenance requirements as more piping is replaced. Debt service and rates will increase to support this program.

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/04 - 06/15	30,879,501
Design	07/06 - 06/15	4,808,250
Construction	07/06 - 06/17	31,890,000
Total Budgetary Cost Estimate:		67,577,751

Means of Financing

Funding Source	Amount
Other - Local Funding	1,800
Public Utilities General Obligation Bonds	56,572,920
Transfer from Public Utilities Fund	6,192,720
Interest Earnings	4,183,511
Other - Federal Funding	626,800
Total Programmed Funding:	67,577,751
Future Funding Requirements:	0

Capital Improvements

Water

Project: 20010 | **Title:** Lake Cahoon Raw Water Pump Station and Pipeline | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision – Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Lake Cahoon Reservoir

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
10,800,000	800,000	0	0	8,000,000	2,000,000	0	0

Description and Scope

The Department of Public Utilities operates a system of four reservoirs. The Department maintains raw water intakes on two of the four reservoirs. This project would provide a raw water intake with a connection to the Lake Kilby Plant from a third reservoir, Lake Cohoon. Lake Cohoon contains 53% of the combined reservoir's supply capacity.

Rationale

•Construction of an intake on Lake Cohoon would provide a transmission source on the northern sub-basin of Portsmouth's reservoir system, thereby increasing protection against contamination events. Additionally water could be blended for both sub-basins feeding the terminal reservoir allowing for water quality adjustments.

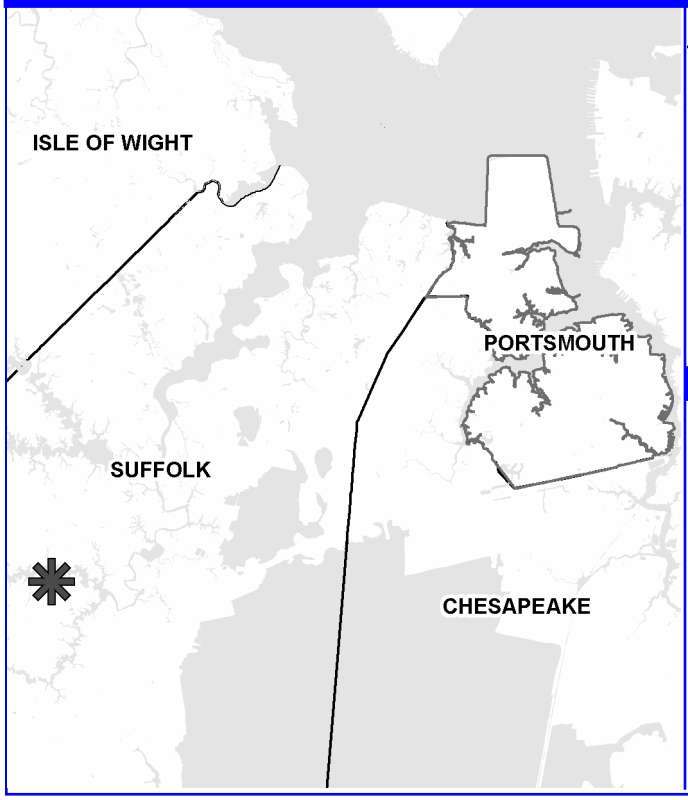
•Construction of a separate access to the largest reservoir system sub-basin provides additional reliability that does not currently exist.

Funding Strategy

Operating Budget Impacts

Once completed, this project will have minimal impact on the operating budget.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Design	07/09 - 06/10	800,000
Construction	07/10 - 06/17	10,000,000
Total Budgetary Cost Estimate:		10,800,000

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	10,800,000
Total Programmed Funding:	10,800,000
Future Funding Requirements:	0

Capital Improvements

Water

Project: 23007 | **Title:** Lake Kilby Replacement Filters 1-10 | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision – Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Lake Kilby Water Treatment Facility

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
37,600,000	2,600,000	15,000,000	10,000,000	10,000,000	0	0	0

Description and Scope

The Department of Public Utilities operates the Lake Kilby Water Treatment Facility. This project provides for the replacement of filters 1 through 10 at the treatment facility with conventional media filters or with membrane technology.

Rationale

•Filters 1-4 were constructed in 1947 and filters 5-10 were constructed in 1968. The concrete filter boxes for some of these filters were constructed without reinforcing steel (post World War II constraint) and are now deteriorating. Additionally, the southwest corner of the filter building was not pile supported and has settled significantly. These filters have outlived or are nearing the end of their useful lives.

•To insure the continued integrity, capacity and operation of the Lake Kilby Treatment Facility it is important that these filters be replaced with either new conventional media filters or with the use of membrane technology.

•Project Source document: Lake Kilby Water Facility Master Plan 2001 Update, page 6-5, Table 6-3

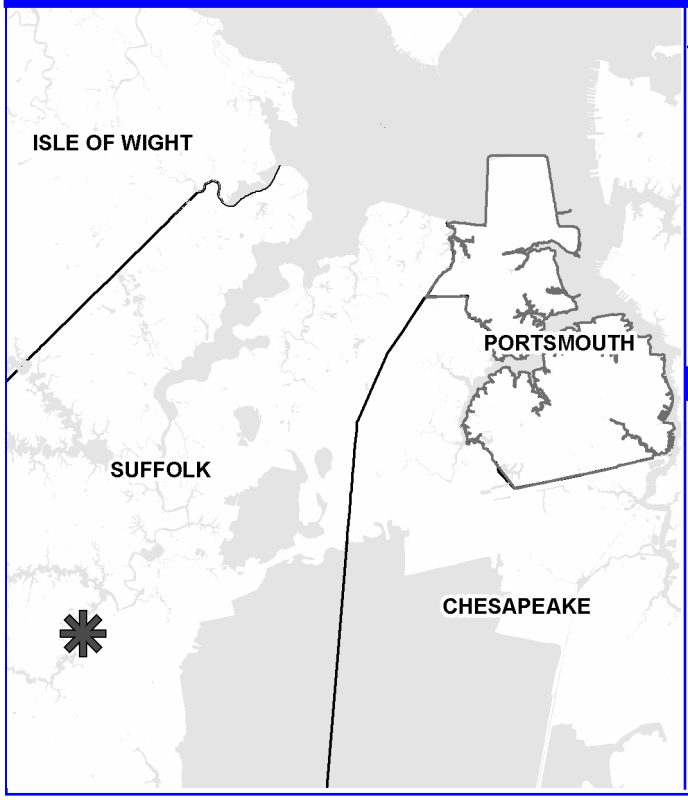
Funding Strategy

Evaluation and study will determine the multiphasing of this project and its cost.

Operating Budget Impacts

Once completed, this project will have minimal impact on the operating budget.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/04 - 06/05	150,000
Design	07/10 - 06/13	5,045,000
Construction	07/10 - 06/14	32,405,000
Total Budgetary Cost Estimate:		37,600,000

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	37,600,000
Total Programmed Funding:	37,600,000
Future Funding Requirements:	0

Capital Improvements

Water

Project: 22007 | **Title:** Low Pressure Transmission Mains | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision – Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Portsmouth and Suffolk

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
20,250,000	5,250,000	1,000,000	4,000,000	5,000,000	5,000,000	0	0

Description and Scope

•The Department of Public Utilities operates three low pressure transmission mains that convey water from the Lake Kilby Water Treatment Plant in Suffolk, 23 miles into Portsmouth. These mains were constructed in 1888, 1906 and 1950. This project provides for a plan to evaluate the remaining life of these mains and address the best way to provide for the transmission of current and future City water demand in a phased, affordable manner. Total replacement may cost in excess of $60 million dollars.

Rationale

These three pipelines have been in service between 53 and 116 years and are an important part of Portsmouth's water transmission system. They exhibit leaking joints and other signs of deterioration. This project is necessary to protect the water transmission capability of Portsmouth's water supply and to provide safe and reliable service.

Funding Strategy

The only portions of this project to be performed during the next five years are an evaluation of the mains, the completion of a phased plan for their replacement or rehabilitation and the construction of the first phase. Total replacement may cost in excess of $60 million dollars.

Operating Budget Impacts

Once completed, this major project will reduce annual maintenance requirements, will increase system reliability and will reduce lost or unaccounted for water.

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Design	07/11 - 06/17	200,000
Construction	07/12 - 06/17	20,050,000
Total Budgetary Cost Estimate:		20,250,000

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	20,250,000
Total Programmed Funding:	20,250,000
Future Funding Requirements:	0

Capital Improvements

Water

Project: 20407 | **Title:** Meter Replacement Program | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision – Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
9,999,000	9,999,000	0	0	0	0	0	0

Description and Scope

The Department of Public Utilities is responsible for the reading, operation and maintenance of over 31,000 water meters. This project provides for the systematic replacement of the water meters with an automated meter reading system.

Rationale

National studies indicate that residential and commercial water meters decrease in accuracy over time (especially in recording lower range flows to the point that replacement is economically justified due to loss of revenue).

Funding Strategy

.

Operating Budget Impacts

This project will reduce the annual maintenance requirements and increase revenues due to accurate metering of water consumption.

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/04 - 06/05	1,500,000
Design	07/06 - 06/12	699,900
Construction	07/06 - 06/12	7,799,100
Total Budgetary Cost Estimate:		9,999,000

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	9,999,000
Total Programmed Funding:	9,999,000
Future Funding Requirements:	0

Capital Improvements

Water

Project: 20707 | **Title:** Miscellaneous Water Work | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision – Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
5,985,616	3,985,616	600,000	0	700,000	700,000	0	0

Description and Scope

The Department of Public Utilities is responsible for the operation & maintenance of approximately 546 miles of water mains; over 2,500 fire hydrants; 12,000 valves; four elevated tanks; two water booster-pumping stations and other components compromising the water system. This project provides for routine replacement and/or rehabilitation of the water system components that are not included in the Neighborhood Replacement Program. The work will be performed with in-house and contractor forces.

Rationale

Replacement, repair or rehabilitation is dictated by deterioration due to age and the failure of the components.

Funding Strategy

This is an ongoing project due to the age and the condition of the water system.

Operating Budget Impacts

Project will reduce the annual maintenance budget (leak repairs, component failures) and will improve water quality.

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/04 - 06/15	1,413,616
Construction	07/06 - 06/15	4,572,000
Total Budgetary Cost Estimate:		5,985,616

Means of Financing

Funding Source	Amount
Sale of Timber	120,000
Public Utilities General Obligation Bonds	4,665,616
Transfer from Public Utilities Fund	1,200,000
Total Programmed Funding:	5,985,616
Future Funding Requirements:	0

Capital Improvements

Water

Project: 20207 | **Title:** Replacement of Water Plant Equipment | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision – Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Lake Kilby Water Treatment Facility

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
12,643,913	9,643,913	0	0	1,500,000	1,500,000	0	0

Description and Scope

The department of Public Utilities is responsible for the operation and maintenance of a 32 million gallon a day water treatment facility and related appurtenances to provide reliable, safe and aesthetically pleasing water to its consumers. This project provides for replacement or rehabilitation of all water treatment facility components such as pumps, electrical gear, chemical storage and feed systems, buildings and other capital items to ensure the proper operation of the facility.

Rationale

Improvements to the water treatment and conveyance facilities are required to continue to meet all federal and state regulatory requirements and ensure high quality drinking water.

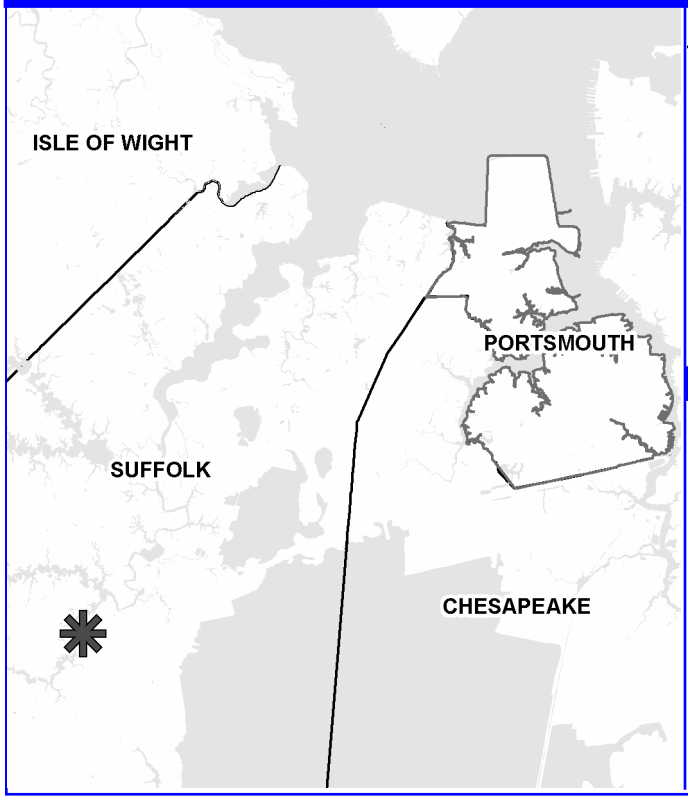
Funding Strategy

This is an ongoing project that will continue throughout the life of the water plant.

Operating Budget Impacts

Project will reduce the annual maintenance requirements and provide for reliable operations.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/04 - 06/05	6,436,914
Design	07/06 - 06/15	745,700
Construction	07/06 - 06/17	5,461,299
Total Budgetary Cost Estimate:		12,643,913

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	12,385,213
Transfer from Public Utilities Fund	258,700
Total Programmed Funding:	12,643,913
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

	Appropriated To Date	FY 2014 Adopted	Un-Appropriated Subsequent Years FY 2015	FY 2016	FY 2017	FY 2018	5 Year Total	CIP Total
Project Title								
ADA Compliance-Curb Cuts	321,308	25,000	30,120	25,000	30,000	30,000	140,120	461,428
Alexander's Corner Resignalization	991,500	-	-	-	-	-	-	991,500
Bridge Repairs	2,471,631	115,997	121,664	125,000	130,000	130,000	622,661	3,094,292
Churchland Bridge	5,822,697	-	23,677,303	-	-	-	23,677,303	29,500,000
Drainage Facilities Repair and Lake Management	24,548,078	3,071,924	3,193,738	4,158,007	5,055,771	5,055,771	20,535,211	45,083,289
Dredging of Lakes/Ponds	2,000,000	303,571	200,000	200,000	300,000	300,000	1,303,571	3,303,571
Midtown Corridor	1,000,000	-	-	-	-	-	-	1,000,000
Traffic Signal Improvements	2,524,646	-	120,000	120,000	120,000	120,000	480,000	3,004,646
Turnpike Road - ML King Hwy to Portsmouth Boulevard	732,150	-	-	-	-	-	-	732,150
Update Traffic Signals @ 10 Intersection(HSIP)	3,185,600	208,000	-	-	-	-	208,000	3,393,600
Victory blvd/Paradise Cr Bridge Replacement	-	-	-	-	1,500,000	1,500,000	3,000,000	3,000,000
VPDES Permit Compliance	2,000,000	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000	14,000,000	16,000,000
Total Project Cost	45,597,610	5,724,492	30,342,825	7,628,007	10,135,771	10,135,771	63,966,866	109,564,476
Debt Funding								
Future Bond Issuance	108,160	-	13,677,303	-	1,500,000	1,500,000	16,677,303	16,785,463
General Obligation Bonds	10,578,806	-	-	-	-	-	-	10,578,806
General Obligation Notes	298,767	-	-	-	-	-	-	298,767
Debt Funding Funding	10,985,733	-	13,677,303	-	1,500,000	1,500,000	16,677,303	27,663,036
Education Funding								
State-Other Categorical Aid	70,000	-	10,000,000	-	-	-	10,000,000	10,070,000
Other Funding								
Interest Earnings	390,549	-	-	-	-	-	-	390,549
Other - Federal Funding	5,716,750	-	-	-	-	-	-	5,716,750
Other Funding Funding	6,107,299	-	-	-	-	-	-	6,107,299
Transfers								
Transfer from General Fund	-	348,997	271,784	270,000	280,000	280,000	1,450,781	1,450,781
Transfer from Stormwater Fund	28,434,578	5,375,495	6,393,738	7,358,007	8,355,771	8,355,771	35,838,782	64,273,360
Transfers Funding	28,434,578	5,724,492	6,665,522	7,628,007	8,635,771	8,635,771	37,289,563	65,724,141
Total Funding	45,597,610	5,724,492	30,342,825	7,628,007	10,135,771	10,135,771	63,966,866	109,564,476

Capital Improvements

Drainage and Street Improvements

Project: 11907 | **Title:** ADA Compliance-Curb Cuts | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
461,428	321,308	25,000	30,120	25,000	30,000	30,000	0

Description and Scope

This project provides for wheelchair curb ramp construction at various intersections throughout the City. Priority is given to critical intersections or where citizens have requested accommodations.

Rationale

Funding Strategy

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/05 - 06/18	461,428
Total Budgetary Cost Estimate:		461,428

Means of Financing

Funding Source	Amount
General Obligation Bonds	321,308
Transfer from General Fund	140,120
Total Programmed Funding:	461,428
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: 10110 | **Title:** Alexander's Corner Resignalization | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Intersection of Airline Blvd and Portsmouth Blvd

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
991,500	991,500	0	0	0	0	0	0

Description and Scope

This project will upgrade the traffic signal system at Alexander's Corner and the nearby intersection at Turnpike and Portsmouth Boulevard. The project will include new span support, LED signal heads, video detection, controller, and back-up battery power. Project will also include repaving and layout improvements to the intersection.

Rationale

The signal at this intersection is very old and in need of repair. Due to the size and complexity of the intersection, the costs to upgrade have been high. However, because the City has received federal grant funds from the Congestion Mitigation and Air Quality (CMAQ) program, the project is able to proceed.

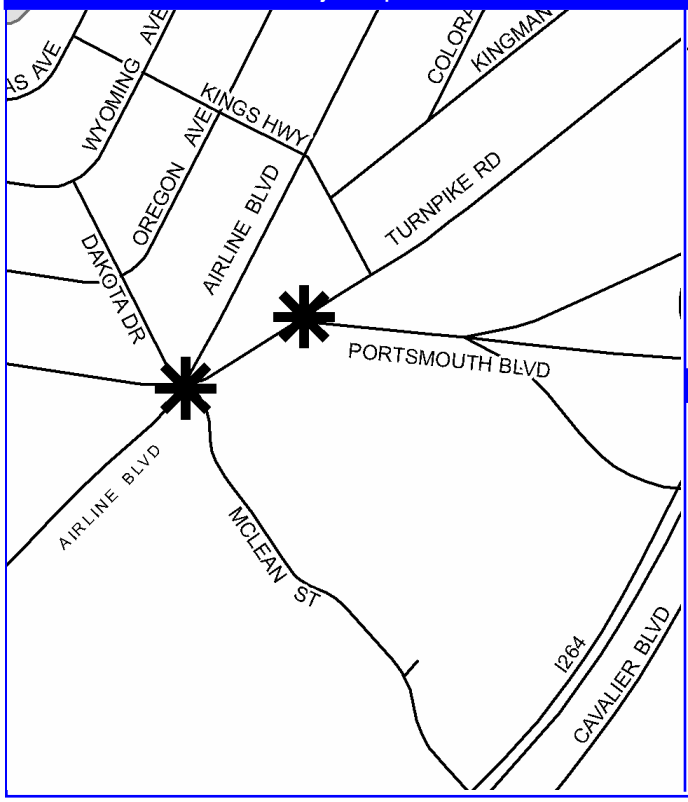
Funding Strategy

The project is funded 100% by federal grant money which will be run through VDOT.

Operating Budget Impacts

Although the operating budget impact is minimal; operating costs will decrease due to the efficiency of the LED heads.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Design	07/07 - 06/08	141,500
Construction	07/07 - 06/12	850,000
Total Budgetary Cost Estimate:		991,500

Means of Financing

Funding Source	Amount
General Obligation Bonds	100,000
Other - Federal Funding	891,500
Total Programmed Funding:	991,500
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: 11607 | **Title:** Bridge Repairs | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Undefined

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
3,094,292	2,471,631	115,997	121,664	125,000	130,000	130,000	0

Description and Scope

This project provides for engineering work and initiation of repairs required on the City's bridges. This is an ongoing project for preventive maintenance and includes localized painting, joint, structural and surface repairs, drainage cleaning and required safety inspections.

Rationale

These continuing repairs will provide for the extension of the useful life of the seawall.

Funding Strategy

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/05 - 06/18	3,094,292
Total Budgetary Cost Estimate:		3,094,292

Means of Financing

Funding Source	Amount
General Obligation Bonds	2,431,981
Transfer from General Fund	622,661
Other - Federal Funding	39,650
Total Programmed Funding:	3,094,292
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: 10009	Title: Churchland Bridge	Status: Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: High Street

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
29,500,000	5,822,697	0	23,677,303	0	0	0	0

Description and Scope

This project provides funding to replace the two westbound lanes of the Churchland Bridge with a totally new structure. The funding identified will address the eventual replacement of the bridge. Inspections will continue to be required on an annual basis and may generate the need to fund necessary repairs until the total replacement funding is in place. The proposed funding schedule will also allow for the design of replacement plans prior to the availability of total funding.

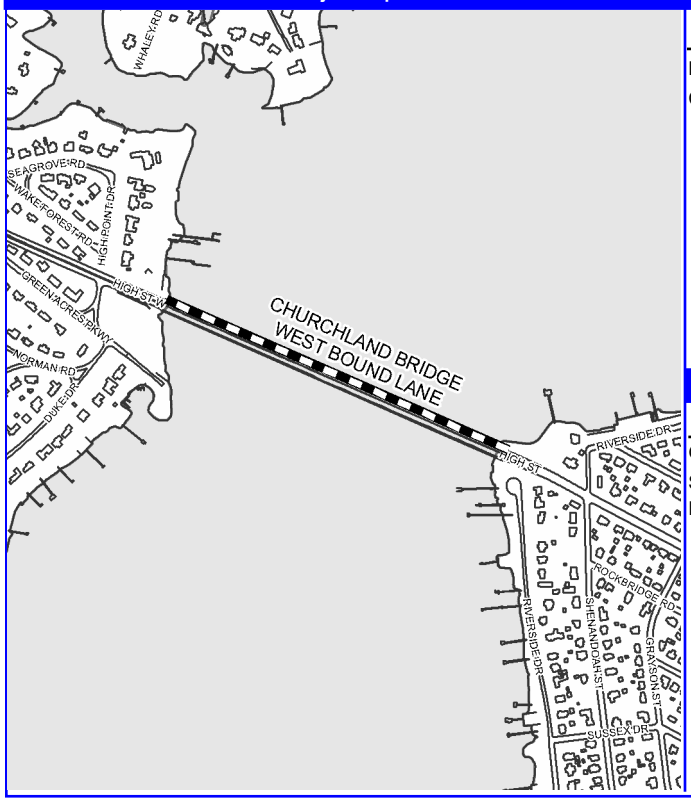
Rationale

This bridge was originally built as a two lane bridge in 1950 and widened with two additional lanes in 1974. Several of support structures of the original two lane bridge are severely deteriorated to the point that repairs need to be made as soon as possible to avoid a future condition of possible failure. Bridges in Virginia are inspected in accordance with National Bridge Inspection Standards (NBIS) and the Virginia Department of Transportation (VDOT). The bridge rating criteria rated the Churchland Bridge as a 4. Bridges are rated on a scale from 0-9, with 0 being a failed condition and 9 being excellent. A four rating means the bridge is in poor condition and requires immediate repairs. Further, this rating has mandated that the bridge is inspected once a year as compared to every two years, and a downgrading of the bridge rating would force the City to place load limits on crossing vehicles. A replacement bridge will have a minimum of a 50-year service life.

Funding Strategy

The total project cost, which has been projected out through FY16, is $29.5 million. At this point in time, no other funding sources have been identified. The Engineering Department will continue to research state/federal funding that could be available for this project.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Design	07/09 - 06/17	2,000,000
Construction	07/08 - 06/17	27,500,000
Total Budgetary Cost Estimate:		29,500,000

Means of Financing

Funding Source	Amount
General Obligation Bonds	5,822,697
State-Other Categorical Aid	10,000,000
Future Bond Issuance	13,677,303
Total Programmed Funding:	29,500,000
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: 10307 | **Title:** Drainage Facilities Repair and Lake Management | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: City-wide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
45,083,289	24,548,078	3,071,924	3,193,738	4,158,007	5,055,771	5,055,771	0

Description and Scope

The Drainage Facility Repair and Lake Management Program provides funding for citywide system maintenance and repair which includes cave-in repairs, cleaning, CCTV and lining of drainpipes; outfall and ditch maintenance; renewal and replacement of failing infrastructure; lake management including aeration, trash booms, algae control, nuisance abatement and dam maintenance; VPDES permit support including water quality monitoring, public education, and regional efforts through HRDPC; program administration/management and cost sharing in programs such as the Citywide Drainage Needs Assessment and the Downtown Master Utility study.

Rationale

Funding Strategy

This project is funded through transfers from the Stormwater operating budget and Stormwater fund balance.

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/06 - 06/17	45,083,289
Total Budgetary Cost Estimate:		45,083,289

Means of Financing

Funding Source	Amount
General Obligation Bonds	13,500
Transfer from Stormwater Fund	44,969,789
Other - Federal Funding	100,000
Total Programmed Funding:	45,083,289
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: 12707 | **Title:** Dredging of Lakes/Ponds | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
3,303,571	2,000,000	303,571	200,000	200,000	300,000	300,000	0

Description and Scope

The Stormwater Management Plan is committed to address lake/pond issues throughout the City. One of these issues is the dredging of the City's lakes and ponds which is necessary to re-establish the original lake depth, remove organic materials and sediment and enhance water quality. The Lake Management Plan prioritizes dredging and other lake improvements based on water quality and increased functionality. The first dredging project commenced in FY08.

Rationale

City street drainage flows into some of the lakes and ponds throughout City. These locations are important to the City's stormwater system,and are included in the city's VPDES Stormwater permit.

Funding Strategy

Starting in FY10, a minimum of $200,000 per year will be budgeted to address lake/pond and outfall dredging. Funding will be used for project design, permits, and maintenance operations after priorities are re-examined based on the updated Lake Management Plan and the Outfall Ditch Rehabilitation Wetlands/Water Assessment Report.

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/07 - 01/17	3,303,571
Total Budgetary Cost Estimate:		3,303,571

Means of Financing

Funding Source	Amount
Transfer from Stormwater Fund	3,303,571
Total Programmed Funding:	3,303,571
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: 13007	Title: Midtown Corridor	Status: Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location:

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
1,000,000	1,000,000	0	0	0	0	0	0

Description and Scope

This project will provide 1) matching funds to VDOT under the Revenue Sharing Program to accelerate the accrual of funds and expedite construction of the Turnpike Road Improvement Project being funded under the VDOT Urban Program, and 2) implement the first phase of the Frederick Boulevard corridor plan as recommended by a recent planning study.

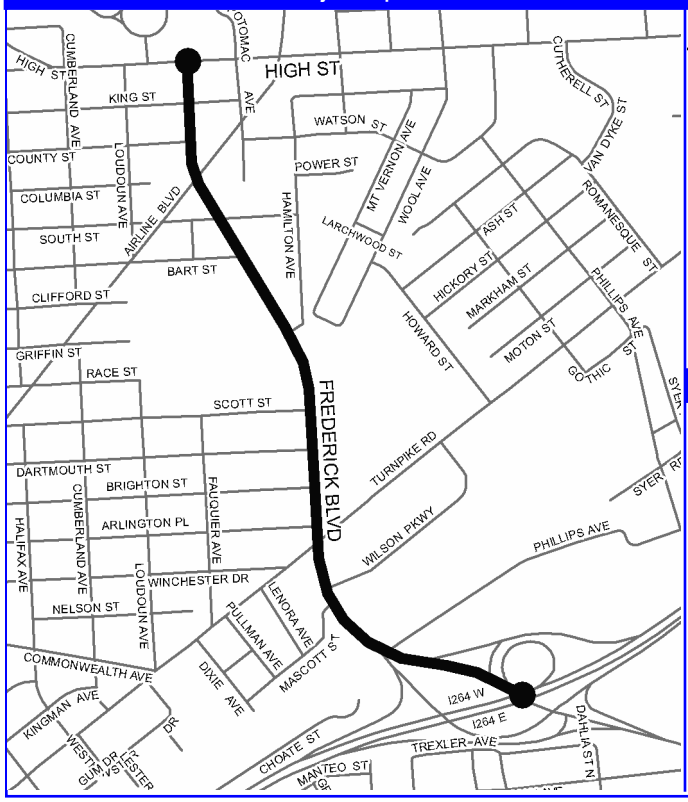
Rationale

This project will accelerate the improvements to Turnpike Road which will enhance the revitalization and redevelopment of both the former IC Norcom property and the Jeffry Wilson property. The work will provide aesthetic gateway improvements into this redeveloping retail area of the City.

Funding Strategy

VDOT will match $1M in CIP funds to augment $3.15M available in VDOT Urban Program funds, accelerating the accrual of funds to speed up the start of construction of the Turnpike Road Improvement project from FY19 to FY11.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/06 - 06/12	1,000,000
	Total Budgetary Cost Estimate:	1,000,000

Means of Financing

Funding Source	Amount
General Obligation Bonds	820,266
Interest Earnings	179,734
Total Programmed Funding:	1,000,000
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: 11307 | **Title:** Traffic Signal Improvements | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
3,004,646	2,524,646	0	120,000	120,000	120,000	120,000	0

Description and Scope

Throughout the City, this ongoing project provides for the replacement of outdated or damaged traffic signals and related equipment, installation of new traffic signals and other intersection improvements.

Rationale

Funding Strategy

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/05 - 06/18	3,004,646
Total Budgetary Cost Estimate:		3,004,646

Means of Financing

Funding Source	Amount
General Obligation Bonds	617,719
General Obligation Notes	298,767
Transfer from General Fund	480,000
Future Bond Issuance	108,160
Other - Federal Funding	1,500,000
Total Programmed Funding:	3,004,646
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: 10407 | **Title:** Turnpike Road - ML King Hwy to Portsmouth Boulevard | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Turnpike Road

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
732,150	732,150	0	0	0	0	0	0

Description and Scope

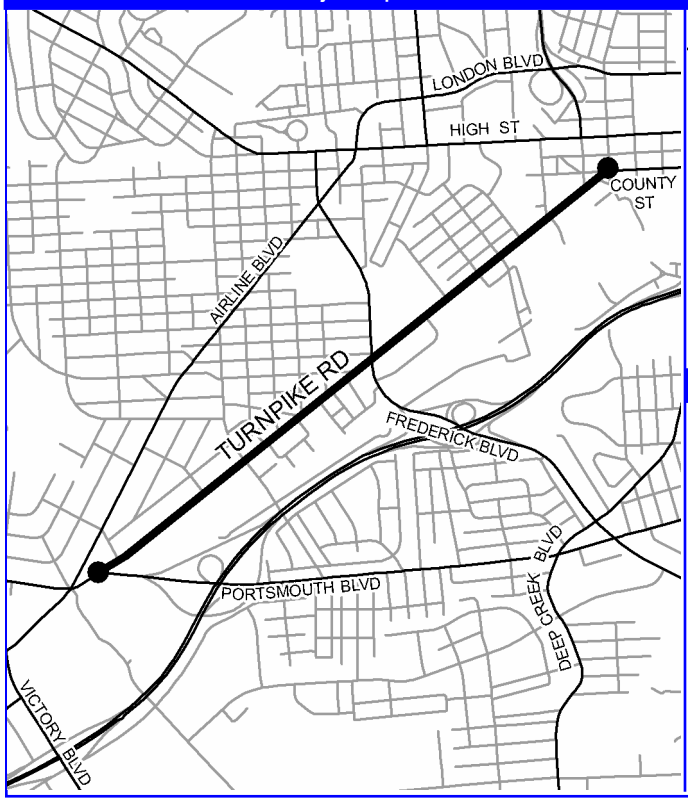
The project provides funding for facility repairs from Constitution to Portsmouth Boulevard consisting of widening Turnpike Road to five lanes with sidewalks, curbs and gutters and associated drainage improvements. The segment of Turnpike between Constitution and Frederick Boulevard is planned for construction at this time.

Rationale

Funding Strategy

This project has ongoing ROW and design activities at VDOT, but is accruing construction funding through the City's annual VDOT urban allocation. The CIP estimate is based on the City's paying 2% of total project costs, estimated at $13,000,000. This is a VDOT managed project project.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/08 - 06/12	732,150
Total Budgetary Cost Estimate:		732,150

Means of Financing

Funding Source	Amount
General Obligation Bonds	451,335
State-Other Categorical Aid	70,000
Interest Earnings	210,815
Total Programmed Funding:	732,150
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: 11311 | **Title:** Update Traffic Signals @ 10 Intersection(HSIP) | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
3,393,600	3,185,600	208,000	0	0	0	0	0

Description and Scope

The city accepted the sum of $3,185,600 from the VDOT in FY2010/2012 under the HSIP Program for the following traffic intersection

Portsmouth Blvd/Deep Creek Blvd($250,000)

George Washington Hwy-Greenwood($145,000)

EffinghamSt-Portsmouth Blvd($203,700)

Frederick Blvd-Deep CreekBlvd($448,200)

Towne Point Rd-Twin Pines Rd ($198,800)

George washingtonHwy-Frederick Blvd($651,300)

Portsmouth Blvd-Elmhurst Lane($566,700)

Frederick Blvd-Portsmouth Blvd($483,800)

Rationale

Funding Strategy

Project Map

VARIOUS LOCATIONS

Schedule of Activities

Project Activities	From - To	Amount
Project Management	01/00 - 06/14	3,393,600
Total Budgetary Cost Estimate:		3,393,600

Means of Financing

Funding Source	Amount
Transfer from General Fund	208,000
Other - Federal Funding	3,185,600
Total Programmed Funding:	3,393,600
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: New0058 | **Title:** Victory blvd/Paradise Cr Bridge Replacement | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location:

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
3,000,000	0	0	0	0	1,500,000	1,500,000	0

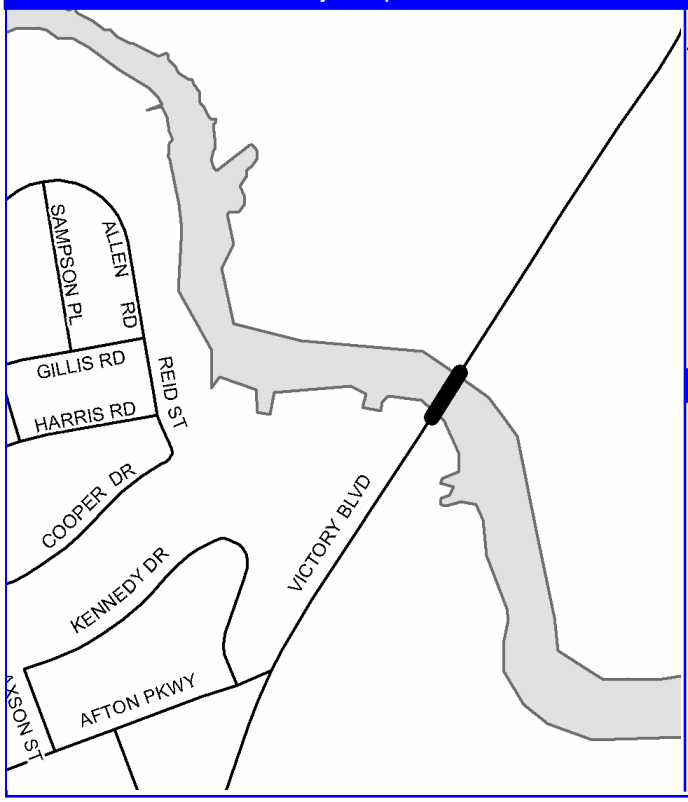
Description and Scope

This bridge originally built in 1949, carries Victory Blvd over Paradise Cr and serves as amain entrance to the Norfolk Naval Shipyard.It is also one of our oldest of five bridges in Portsmouth.Thses funds identified in future years will start the programming for it's eventual and necessary replacement.

Rationale

Funding Strategy

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/15 - 06/16	3,000,000
Total Budgetary Cost Estimate:		3,000,000

Means of Financing

Funding Source	Amount
Future Bond Issuance	3,000,000
Total Programmed Funding:	3,000,000
Future Funding Requirements:	0

Capital Improvements

Drainage and Street Improvements

Project: 10209 | **Title:** VPDES Permit Compliance | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
16,000,000	2,000,000	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0

Description and Scope

Compliance with our VPDES Permit is a State and Federal mandate.Project support includes activities that are required to meet that mandate such as water quality monitoring, public education/outreach, inspection of industrial facilities, BMP monitoring, erosion and sediment control program, annual reporting of pollutant loads, TMDL planning and implementation plans, annual reporting of stormwater program activities, etc.

Rationale

We are operating with a State VPDES permit that requires a significant increase in our programmatic efforts,and ensuing costs,to meet the mandates of the permit. It is important to track these efforts and their costs.

Funding Strategy

VPDES permit activities are funded primarily through the Stormwater Utility Fund.

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/08 - 06/17	16,000,000
Total Budgetary Cost Estimate:		16,000,000

Means of Financing

Funding Source	Amount
Transfer from Stormwater Fund	16,000,000
Total Programmed Funding:	16,000,000
Future Funding Requirements:	0

Capital Improvements

Education

	Appropriated To Date	FY 2014 Adopted	Un-Appropriated Subsequent Years FY 2015	FY 2016	FY 2017	FY 2018	5 Year Total	CIP Total
Project Title								
Asbestos Abatement - Olive Branch School	-	600,000	-	-	-	-	600,000	600,000
Garage Bay Improvements	-	600,000	-	-	-	-	600,000	600,000
School Bus Fleet Replacement	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	5,000,000
Transfer to General Fund	560,000	560,000	560,000	1,070,000	-	-	2,190,000	2,750,000
Total Project Cost	560,000	2,760,000	1,560,000	2,070,000	1,000,000	1,000,000	8,390,000	8,950,000
Education Funding								
Transfers from Schools(Capital Reserve Simonsdale School)	560,000	1,760,000	560,000	1,070,000	-	-	3,390,000	3,950,000
Transfers								
Transfer from General Fund	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	5,000,000
Total Funding	560,000	2,760,000	1,560,000	2,070,000	1,000,000	1,000,000	8,390,000	8,950,000

Capital Improvements

Education

Project: 00046 | **Title:** Asbestos Abatement - Olive Branch School | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location:

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
600,000	0	600,000	0	0	0	0	0

Description and Scope

Rationale

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Project Management		600,000
Total Budgetary Cost Estimate:		600,000

Means of Financing

Funding Source	Amount
Transfers from Schools(Capital Reserve Simonsdale School)	600,000
Total Programmed Funding:	600,000
Future Funding Requirements:	0

Capital Improvements

Education

Project: 00045 | **Title:** Garage Bay Improvements | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location:

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
600,000	0	600,000	0	0	0	0	0

Description and Scope

Rationale

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Construction	07/13 - 06/14	600,000
	Total Budgetary Cost Estimate:	600,000

Means of Financing

Funding Source	Amount
Transfers from Schools(Capital Reserve Simonsdale School)	600,000
Total Programmed Funding:	600,000
Future Funding Requirements:	0

Capital Improvements

Education

Project: 00028 | **Title:** School Bus Fleet Replacement | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
5,000,000	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0

Description and Scope

This project is being established to replace part of the existing aging bus fleet utilized by the school system.

Rationale

The bus fleet must be replaced on a contiuous basis to ensure the safe transportation of the students of the public school system.

Funding Strategy

The replacement of the bus fleet will be cash funded.

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/13 - 06/14	5,000,000
Total Budgetary Cost Estimate:		5,000,000

Means of Financing

Funding Source	Amount
Transfer from General Fund	5,000,000
Total Programmed Funding:	5,000,000
Future Funding Requirements:	0

Capital Improvements

Education

Project: 00043 | **Title:** Transfer to General Fund | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location:

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
2,750,000	560,000	560,000	560,000	1,070,000	0	0	0

Description and Scope

The Portsmouth Public Schools contributed a total of $2,750,000 towards the debt service for the construction of the new Simonsdale Elementary School. Those funds were booked in the Capital Improvement Fund. These funds will be used to make the debt service payments until they are exhausted. The CIP fund is making a transfer to the General Fund, where the debt service payments are reflected.

Rationale

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Project Management		2,750,000
Total Budgetary Cost Estimate:		2,750,000

Means of Financing

Funding Source	Amount
Transfers from Schools(Capital Reserve Simonsdale School)	2,750,000
Total Programmed Funding:	2,750,000
Future Funding Requirements:	0

Capital Improvements

Industrial and Economic Development

	Appropriated To Date	FY 2014 Adopted	Un-Appropriated Subsequent Years FY 2015	FY 2016	FY 2017	FY 2018	5 Year Total	CIP Total
Project Title								
City Gateways	1,134,913	50,000	50,000	50,000	50,000	50,000	250,000	1,384,913
Holiday Inn Site Redevelopment	11,325,000	-	-	-	-	-	-	11,325,000
Total Project Cost	12,459,913	50,000	50,000	50,000	50,000	50,000	250,000	12,709,913
Debt Funding								
Future Bond Issuance	224,973	-	-	-	-	-	-	224,973
General Obligation Bonds	9,898,940	-	-	-	-	-	-	9,898,940
Debt Funding Funding	10,123,913	-	-	-	-	-	-	10,123,913
Other Funding								
Sale of Property	2,336,000	-	-	-	-	-	-	2,336,000
Transfers								
Transfer from General Fund	-	50,000	50,000	50,000	50,000	50,000	250,000	250,000
Total Funding	12,459,913	50,000	50,000	50,000	50,000	50,000	250,000	12,709,913

Capital Improvements

Industrial and Economic Development

Project: 14107 | **Title:** City Gateways | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: City Wide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
1,384,913	1,134,913	50,000	50,000	50,000	50,000	50,000	0

Description and Scope

Gateways and multimodal corridors serve as the front door to citizens and visitors to our City. The beautification and maintenace of our gateways is a City Council priority and this project provides funding for the implementation of the City's Gateway and Corridor enhancements.

Rationale

The visual appearance of roadway corridors has been identified by citizens as an important factor in Portsmouth's quality of life. Destination 2025, the City's adopted Comprehensive plan, specifically identifies the City's most important gateways and corridors.Within the adopted Comprehensive Plan, adopted policy statement #10.2(2) calls for improving and investing in the appearance of gateway entrance to and roadway corridors through Portsmouth. These adopted strategies include:investing in visual improvements at interchange entrances and along major roadway corridors;improving the visual appearance of, and reducing visual clutter along roadway corridors, coordinating visual improvements with land use strategies to promote redevlopment; implementing a coordinated program for the installation of attractive/directional information signage throughout Portsmouth that is graphically consistent with the City's marketing program; installing period lighting and historic district signage; maintaining and enhancing existing and creating new view corridors from public ways to scenic resources; and improving the maintenance of right -of-way landscaping and streetscape conditions.

Funding Strategy

$50,000 is programmed each year to maintain the gateways.

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Construction	07/06 - 06/17	1,384,913
Total Budgetary Cost Estimate:		1,384,913

Means of Financing

Funding Source	Amount
General Obligation Bonds	909,940
Transfer from General Fund	250,000
Future Bond Issuance	224,973
Total Programmed Funding:	1,384,913
Future Funding Requirements:	0

Capital Improvements

Industrial and Economic Development

Project: 13009 | **Title:** Holiday Inn Site Redevelopment | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Crawford Parkway

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
11,325,000	11,325,000	0	0	0	0	0	0

Description and Scope

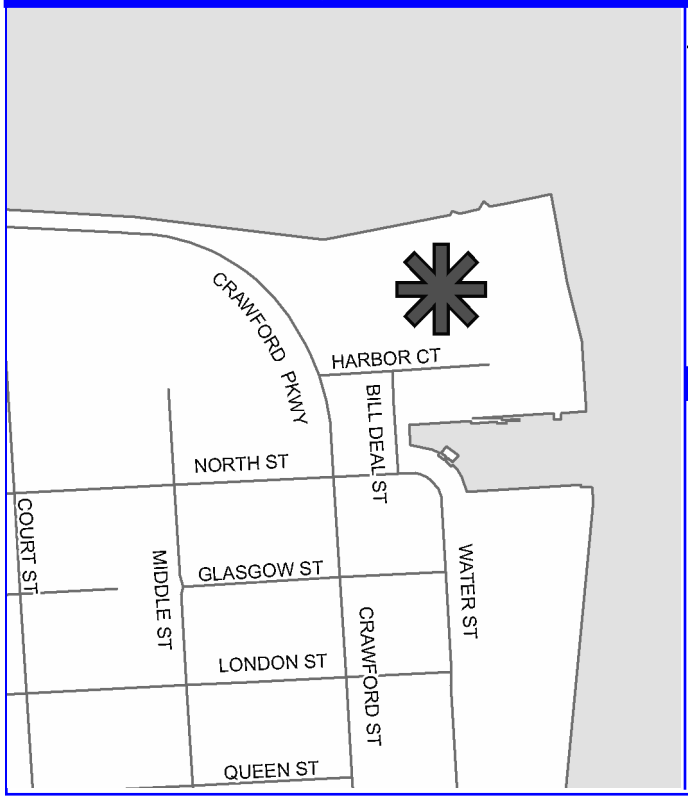
In July 2007, Lincoln Property Company (LPC) was selected as Developer for the six-acre developable site owned by Greater Portsmouth Development Corporation and the Portsmouth Redevelopment and Housing Authority. The Development Agreement for this project was executed on February 14, 2008. An amendment to this agreement was signed on June 12, 2009 granting LPC a year extension due to the downturn in the economy. During this time LPC will work closely with GPDC, PRHA and the City to establish a feasible financing plan for the project and determine the mix of uses for the project. The Olde Towne Holiday Inn has been demolished. The project is projected to have a total development cost of approximately $158 million with $29 million being generated in new tax revenue to the City. It is estimated that there will be a four to five year build-out.

Rationale

Funding Strategy

Partial project costs will be funded through the land sale proceeds from the redevelopment site and remaining project costs will be funded through bond anticipation notes and general obligation bonds.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/07 - 06/14	11,325,000
Total Budgetary Cost Estimate:		11,325,000

Means of Financing

Funding Source	Amount
General Obligation Bonds	8,989,000
Sale of Property	2,336,000
Total Programmed Funding:	11,325,000
Future Funding Requirements:	0

Capital Improvements

Leisure Services

	Appropriated To Date	FY 2014 Adopted	Un-Appropriated Subsequent Years FY 2015	FY 2016	FY 2017	FY 2018	5 Year Total	CIP Total
Project Title								
Outdoor Athletic Lighting	916,615	75,000	130,000	135,000	135,000	135,000	610,000	1,526,615
Outdoor Recreation Facility Repair / Replacement	1,294,505	150,000	165,000	170,000	170,000	210,000	865,000	2,159,505
Paradise Creek	-	100,000	-	-	-	-	100,000	100,000
Total Project Cost	2,211,120	325,000	295,000	305,000	305,000	345,000	1,575,000	3,786,120
Debt Funding								
General Obligation Bonds	1,975,854	-	-	-	-	-	-	1,975,854
Other Funding								
Interest Earnings	225,266	-	-	-	-	-	-	225,266
Sale of Property	10,000	-	-	-	-	-	-	10,000
Other Funding Funding	235,266	-	-	-	-	-	-	235,266
Transfers								
Transfer from General Fund	-	325,000	295,000	305,000	305,000	345,000	1,575,000	1,575,000
Total Funding	2,211,120	325,000	295,000	305,000	305,000	345,000	1,575,000	3,786,120

Capital Improvements

Leisure Services

Project: 14907 | **Title:** Outdoor Athletic Lighting | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision - Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
1,526,615	916,615	75,000	130,000	135,000	135,000	135,000	0

Description and Scope

Project provides funding for new and upgraded lighting systems to baseball, soccer, football, and softball fields. Fields which will be addressed include:

• Highland Biltmore Softball • Cradock Middle Softball

• Hodges Manor Soccer • Churchland Little League (Field 1)

• Churchland Little League (Field 2)

• Cavalier Manor Football

• Churchland Park Softball #4

Rationale

Enrollment and participation in the City's athletic leagues is continually increasing. Due to the limited number of fields available for practice and games, it has become necessary for leagues to operate during nighttime hours. In addition, lighting the fields will enhance the leagues ability to host tournaments.

Funding Strategy

This is a long term project to replace and upgrade the City's athletic lighting one field per year.

Operating Budget Impacts

This project allows the City to realize energy savings due to energy efficient bulbs and a 25 year warranty during which time the manufacturer will maintain the lights.

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Construction	01/06 - 07/17	1,526,615
Total Budgetary Cost Estimate:		1,526,615

Means of Financing

Funding Source	Amount
General Obligation Bonds	787,639
Transfer from General Fund	610,000
Sale of Property	10,000
Interest Earnings	118,976
Total Programmed Funding:	1,526,615
Future Funding Requirements:	0

Capital Improvements

Leisure Services

Project: 15007 | **Title:** Outdoor Recreation Facility Repair / Replacement | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: CC Vision - Neighborhood
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
2,159,505	1,294,505	150,000	165,000	170,000	170,000	210,000	0

Description and Scope

This project provides funding to replace/renovate outdoor athletic amenities such as fencing, drainage, court surfacing, field renovation and tennis court renovation. Projects which have been identified include:

• Churchland Park #4 Softball - fencing replacement

• Renovation of Tennis Courts (Wilson High School, Churchland Park, City Park)

• Demolition of old athletic lighting - South Street ball field

• Other Ballfield fencing and athletic facility renovations as determined by priorities

• Other Ballfield fencing and athletic facility renovations as determined by priorities

Rationale

This project will continue to replace the City's aging outdoor athletic and recreation facilities. Replacement of fencing will enhance the appearance of the facilities and fields, make them safer and more conducive for participants and reduce potential liability. In addition, the City should demolish old athletic lighting systems that are no longer in use. Other projects include development of a park at the former Port Norfolk Elementary School site and tennis court renovations.

Funding Strategy

This is a long term, on-going project to replace and upgrade our aging parks and outdoor recreation amenities.

Project Map

VARIOUS LOCATIONS CITYWIDE

Schedule of Activities

Project Activities	From - To	Amount
Construction	01/06 - 06/17	2,159,505
Total Budgetary Cost Estimate:		2,159,505

Means of Financing

Funding Source	Amount
General Obligation Bonds	1,188,215
Transfer from General Fund	865,000
Interest Earnings	106,290
Total Programmed Funding:	2,159,505
Future Funding Requirements:	0

Capital Improvements

Leisure Services

Project: 00029 | **Title:** Paradise Creek | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location:

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
100,000	0	100,000	0	0	0	0	0

Description and Scope

This project will pay for capital equipment to support maintenance at Paradise Creek Park. The equipment includes:

- Crew Cab Dump Truck $35,000
- Trailer 4,000
- Chopper Mower 19,000
- Tractor 26,000
- Mowing Deck 4,000
- "Gator" type vehicle 12,000

Rationale

In 2006, the City entered into an agreement with the Elizabeth River Project. Under the terms of the agreement, the Elizabeth River Project (ERP) would raise money to purchase land and to design and build a park on Paradise Creek in the Victory Blvd corridor. The City agreed to accept the donation of the park upon completion and operate and maintain the park as a public open space in perpetuity.

Paradise Creek Park is a 40 acre park-in-progress in the heart of a working harbor. This is the cornerstone project of a unique and innovative 250-acre conservation that will benefit businesses, industry, environmental groups and the community.

The park provides the only public access to Paradise Creek, which then connects to the Elizabeth River. The park will also be a model for restoring the larger river and the Chesapeake Bay.

Funding Strategy

Funding is needed in FY 2014 only.

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/13 - 06/14	100,000
Total Budgetary Cost Estimate:		100,000

Means of Financing

Funding Source	Amount
Transfer from General Fund	100,000
Total Programmed Funding:	100,000
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

	Appropriated To Date	FY 2014 Adopted	Un-Appropriated Subsequent Years FY 2015	FY 2016	FY 2017	FY 2018	5 Year Total	CIP Total
Project Title								
ADA Compliance-Municipal Facilities	734,485	-	25,000	25,000	25,000	25,000	100,000	834,485
Behavioral Health Building	7,529,003	990,997	-	-	-	-	990,997	8,520,000
Building Preservation - 601 and 1846 Court	-	400,000	-	-	-	-	400,000	400,000
Case Management System	-	104,260	-	-	-	-	104,260	104,260
Computer Aided Dispatch System	-	388,740	388,740	-	-	-	777,480	777,480
Crime Analysis System	-	56,125	56,125	-	-	-	112,250	112,250
Harbor Center Pavilion-Facility Upgrades	318,930	50,000	50,000	50,000	50,000	50,000	250,000	568,930
HazMat Program	2,302,939	85,000	85,000	85,000	85,000	85,000	425,000	2,727,939
HVAC Replacement-1846 Court Street	-	900,000	-	-	-	-	900,000	900,000
Judicial Facilities Improvements	3,640,000	-	-	-	-	-	-	3,640,000
Portsmouth Court Complex(New Judicial Complex)	77,700,259	9,048,292	-	-	-	-	9,048,292	86,748,551
Public Safety New Radio System	3,000,000	4,000,000	4,000,000	-	-	-	8,000,000	11,000,000
Renovations to Various Buildings	2,907,987	225,000	225,000	225,000	225,000	225,000	1,125,000	4,032,987
Repair of Seawall	941,158	40,000	40,000	40,000	40,000	40,000	200,000	1,141,158
Replacement of HVAC	1,836,052	-	100,000	100,000	100,000	100,000	400,000	2,236,052
Revenue System-Treasurer/Commissioner of Revenue	-	367,917	367,917	367,916	-	-	1,103,750	1,103,750
Roof Replacement	2,528,668	-	120,000	150,000	150,000	150,000	570,000	3,098,668
Seawall Reinforcement	8,570,000	-	250,000	-	-	-	250,000	8,820,000
Total Project Cost	112,009,481	16,656,331	5,707,782	1,042,916	675,000	675,000	24,757,029	136,766,510
Debt Funding								
Future Bond Issuance	108,160	14,039,289	4,000,000	-	-	-	18,039,289	18,147,449
General Obligation Bonds	67,517,243	-	-	-	-	-	-	67,517,243
General Obligation Notes	25,029,003	-	-	-	-	-	-	25,029,003
VML/VaCO Lease Revenue Bonds	4,500,000	-	-	-	-	-	-	4,500,000
Debt Funding Funding	97,154,406	14,039,289	4,000,000	-	-	-	18,039,289	115,193,695
Other Funding								
Harbor Center Pavilion Ticket Sales	318,930	50,000	50,000	50,000	50,000	50,000	250,000	568,930
Other - Federal Funding	122,000	-	-	-	-	-	-	122,000
Other - Local Funding	165,146	-	-	-	-	-	-	165,146
Sale of Property	2,690,000	-	-	-	-	-	-	2,690,000
Other Funding Funding	3,296,076	50,000	50,000	50,000	50,000	50,000	250,000	3,546,076
Transfers								
Trans from Gen Fund to Capital Reserve - Courts	4,396,375	-	-	-	-	-	-	4,396,375
Transfer from General Fund	7,162,624	2,567,042	1,657,782	992,916	625,000	625,000	6,467,740	13,630,364
Transfers Funding	11,558,999	2,567,042	1,657,782	992,916	625,000	625,000	6,467,740	18,026,739
Total Funding	112,009,481	16,656,331	5,707,782	1,042,916	675,000	675,000	24,757,029	136,766,510

Capital Improvements

Municipal Facilities

Project: 16907 | **Title:** ADA Compliance-Municipal Facilities | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Undefined

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
834,485	734,485	0	25,000	25,000	25,000	25,000	0

Description and Scope

This project provides the needed funding to make restrooms, entrances, halls and doors compliant with the Americans with Disabilities Act.

Rationale

Funding is required in order to respond to complaints and continue to upgrade non-compliant buildings upon identification of deficiency.

Funding Strategy

In past CIP budgets this project has been funded with GO Bonds.

Operating Budget Impacts

There is no direct impact on the Operating Budget.

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/06 - 06/17	425,000
Construction	07/06 - 06/17	409,485
Total Budgetary Cost Estimate:		834,485

Means of Financing

Funding Source	Amount
General Obligation Bonds	734,485
Transfer from General Fund	100,000
Total Programmed Funding:	834,485
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 17607 | **Title:** Behavioral Health Building | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: County Street

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
8,520,000	7,529,003	990,997	0	0	0	0	0

Description and Scope

This project provides funding for a new Behavioral Healthcare Building that will be approximately 30,000 square feet and located adjacent to the Social Services building. The facility will contain all BHS activities except for the operations currently located in the Port Centre building.

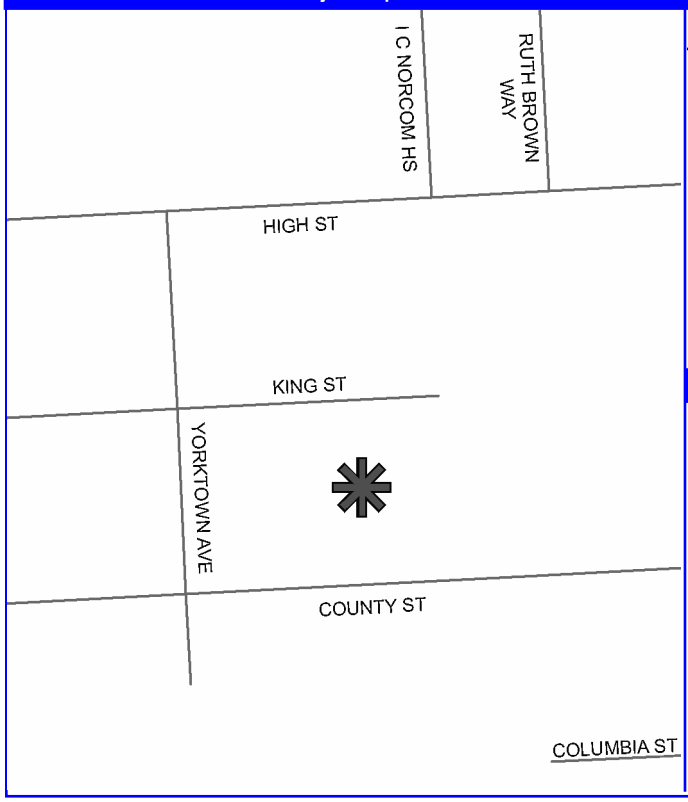
Rationale

Combining the various BHS activities into a new facility adjacent to Social Services will improve service delivery and optimize efficiencies

Funding Strategy

$4.5 million - Lease Revenue Bonds issued August, 2004. An additional $3 million in Build America Bonds were issued in 2010.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/01 - 06/15	8,520,000
Total Budgetary Cost Estimate:		8,520,000

Means of Financing

Funding Source	Amount
VML/VaCO Lease Revenue Bonds	4,500,000
General Obligation Bonds	3,000,000
General Obligation Notes	29,003
Future Bond Issuance	990,997
Total Programmed Funding:	8,520,000
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 00042 | **Title:** Building Preservation - 601 and 1846 Court | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Downtown

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
400,000	0	400,000	0	0	0	0	0

Description and Scope

Exterior façade preservation of the buildings located at 601 and 1846 Court Street.

Rationale

The municipal buildings located at 601 Court (The Main Library) and 1846 Court Street (Portsmouth Art & Cultural Center) are both iconic structures in the downtown district. Each has its own architectural uniqueness and appeal. As these are older structures certain maintenance activities are required to preserve the exterior façade. A rehabilitative process will sustain the building as they will continue function in their current capacities.

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/13 - 06/14	400,000
Total Budgetary Cost Estimate:		400,000

Means of Financing

Funding Source	Amount
Transfer from General Fund	400,000
Total Programmed Funding:	400,000
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 00038 | **Title:** Case Management System | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Court Street

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
104,260	0	104,260	0	0	0	0	0

Description and Scope

Case Management System

Rationale

The Virginia Commonwealth's Attorney Information System (VCAIS) will be retired by the State in2013. VCAIS was developed by the State for the Commonwealth's Attorneys use in automation of case management. VCAIS is hosted in Virginia Beach and had been supported with an IT staff of IBM programmers and technicians. The State has been reducing funding for VCAIS over the last several years and the system is now supported by a single programmer (retiring in the near future) on an outdated IBM Lotus Notes/Domino server. Future plans for support and enhancements have been dropped and all Commonwealth Attorneys have been advised to seek a system to replace VCAIS.
Ca
The Portsmouth Commonwealth Attorney has requested the IT Department plan and support the implementation of a new case management system. This proposed budget recommendation is to implement a prosecute software application to log and track case activities from start to final disposition. The system would interface with the Police Department's criminal records system to share case related information. The system will support digital storage of images, audio files and other documents and files associated with the case. Subpoenas can be automated to generate in mass and tracked by service attempts. The proposed automated system is essential to support efficient case processing in the Commonwealth's Attorney's office.

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/13 - 06/14	104,260
Total Budgetary Cost Estimate:		104,260

Means of Financing

Funding Source	Amount
Transfer from General Fund	104,260
Total Programmed Funding:	104,260
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 00036 | **Title:** Computer Aided Dispatch System | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Crawford Street

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
777,480	0	388,740	388,740	0	0	0	0

Description and Scope

Computer Aided Dispatch System

Rationale

The Police Department is requesting the replacement of an aging computer aided dispatching (CAD) system and a crime analysis system to improve the effectiveness and efficiency of public safety operations. The current CAD system was purchased in 1994 and lacks many of the features and functionality of a modern automated dispatching support system.

CAD is a critical component of 911 calling taking and dispatching, providing dispatchers with information needed to quickly and effectively respond to an emergency. CAD systems maintain and track information on the caller including a history of prior incidents and alerts at the address; it identifies tracks and recommends available public safety resources and equipment needed to quickly respond to the incident. The current CAD system lacks real-time reporting capabilities and tools for on-line analysis and data query. The existing CAD system does not support integration with advanced automated mapping software to assist in analyzing call trends or identify areas of increased activity. A new CAD system is needed to integrate with the criminal record management system and support crime analysis software tools needed in the Police Department.

A crime mapping and analysis system is being requested to support the rapid assessment and dissemination of critical information to the Police Department. A crime analysis system provides an instant overview or current crime activities in the form of maps, charts and reports accessible with a web browser dashboard. The crime analysis system will interface directly with the CAD and criminal record systems to pull data and consolidate information into a single visual analysis tool. The system use predictive analytics with spatial distribution of crime incidents and historical trends to project future criminal patterns. This system will provide the Police Department with powerful investigative information that can save personnel hours and assist in identifying resource development strategies.

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/13 - 06/15	777,480
Total Budgetary Cost Estimate:		777,480

Means of Financing

Funding Source	Amount
Transfer from General Fund	777,480
Total Programmed Funding:	777,480
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 00037 | **Title:** Crime Analysis System | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Crawford Street

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
112,250	0	56,125	56,125	0	0	0	0

Description and Scope

Crime Analysis

Rationale

The Police Department is requesting the replacement of an aging computer aided dispatching (CAD) system and a crime analysis system to improve the effectiveness and efficiency of public safety operations. The current CAD system was purchased in 1994 and lacks many of the features and functionality of a modern automated dispatching support system.

CAD is a critical component of 911 calling taking and dispatching, providing dispatchers with information needed to quickly and effectively respond to an emergency. CAD systems maintain and track information on the caller including a history of prior incidents and alerts at the address; it identifies tracks and recommends available public safety resources and equipment needed to quickly respond to the incident. The current CAD system lacks real-time reporting capabilities and tools for on-line analysis and data query. The existing CAD system does not support integration with advanced automated mapping software to assist in analyzing call trends or identify areas of increased activity. A new CAD system is needed to integrate with the criminal record management system and support crime analysis software tools needed in the Police Department.

A crime mapping and analysis system is being requested to support the rapid assessment and dissemination of critical information to the Police Department. A crime analysis system provides an instant overview or current crime activities in the form of maps, charts and reports accessible with a web browser dashboard. The crime analysis system will interface directly with the CAD and criminal record systems to pull data and consolidate information into a single visual analysis tool. The system use predictive analytics with spatial distribution of crime incidents and historical trends to project future criminal patterns. This system will provide the Police Department with powerful investigative information that can save personnel hours and assist in identifying resource development strategies.

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/13 - 06/15	112,250
Total Budgetary Cost Estimate:		112,250

Means of Financing

Funding Source	Amount
Transfer from General Fund	112,250
Total Programmed Funding:	112,250
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 18507	Title: Harbor Center Pavilion-Facility Upgrades	Status: Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: 901 Crawford Street

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
568,930	318,930	50,000	50,000	50,000	50,000	50,000	0

Description and Scope

The purpose of this project is to develop a life cycle replacement schedule for items at the Harbor Center Pavilion.

Rationale

The rationale for this project is to maintain a realistic replacement schedule for large items at the Pavilion. By developing a systematic methodology to replace chairs, curtains, stage and other items, the facility will remain in good condition and eliminate the need for large capital expenditures at one time.

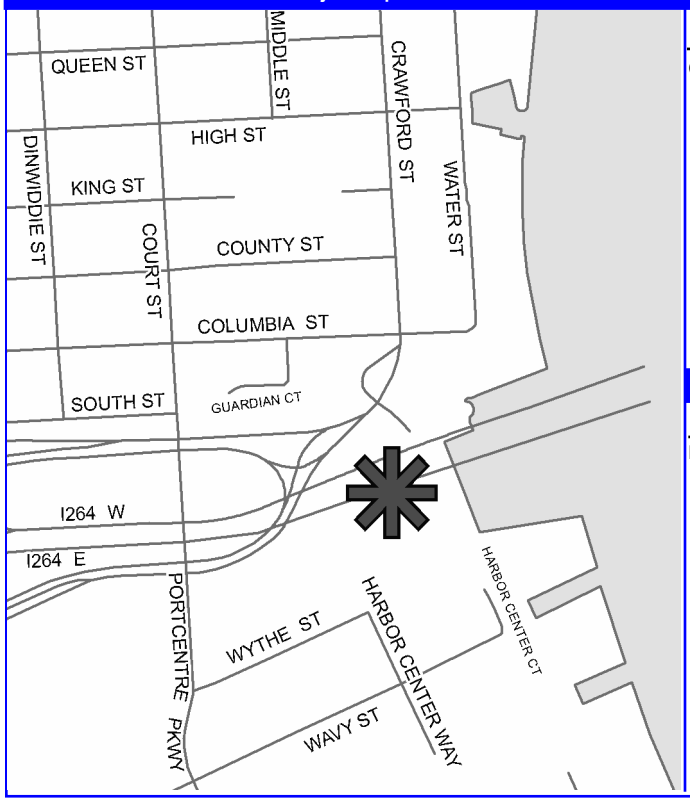
Funding Strategy

Funding for this project is a $1.00 per ticket facility charge.

Operating Budget Impacts

The funding of this project will support the operating budget by decreasing repair cost and enhancing the venue to attract more customers.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Construction	07/06 - 12/17	568,930
	Total Budgetary Cost Estimate:	568,930

Means of Financing

Funding Source	Amount
Harbor Center Pavilion Ticket Sales	568,930
Total Programmed Funding:	568,930
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 16707 | **Title:** HazMat Program | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
2,727,939	2,302,939	85,000	85,000	85,000	85,000	85,000	2,740

Description and Scope

This project is used to pay for the removal and or disposal of hazardous material such as asbestos, lead, mold and PCB's. Most of the hazardous material has been identified in the City's Asbestos Management Plan. During renovations, some material is exposed that was not identified in the Management Plan. When this occurs, the material must be removed and disposed of properly.

Rationale

This project provides funding to allow for removal of hazardous materials in emergencies as well as planned renovations. The City's Asbestos Management Plan as required by the State, contains language that requires annual funding for both emergency and routine removal of asbestos. This project provides the required funding.

Funding Strategy

This project is funded through GO bonds.

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/06 - 06/17	2,730,679
Total Budgetary Cost Estimate:		2,730,679

Means of Financing

Funding Source	Amount
General Obligation Bonds	2,302,939
Transfer from General Fund	425,000
Total Programmed Funding:	2,727,939
Future Funding Requirements:	2,740

Capital Improvements

Municipal Facilities

Project: 00041 | **Title:** HVAC Replacement-1846 Court Street | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Court Street

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
900,000	0	900,000	0	0	0	0	0

Description and Scope

HVAC Replacement-1846 Court Street (Portsmouth Art & Cultural Center)

Rationale

The existing HVAC system has exceeded its useful life. A replacement unit will be sized and configured appropriately to handle the Museum's needs.

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/13 - 06/14	900,000
Total Budgetary Cost Estimate:		900,000

Means of Financing

Funding Source	Amount
Transfer from General Fund	900,000
Total Programmed Funding:	900,000
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 18707 | **Title:** Judicial Facilities Improvements | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location:

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
3,640,000	3,640,000	0	0	0	0	0	0

Description and Scope

These funds will provide for onsite and offsite infrastructure improvements to support the new courthouse.

Rationale

Funding Strategy

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	01/00 - 01/00	3,640,000
Total Budgetary Cost Estimate:		3,640,000

Means of Financing

Funding Source	Amount
General Obligation Bonds	2,500,000
Transfer from General Fund	1,000,000
Sale of Property	140,000
Total Programmed Funding:	3,640,000
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 18207 | **Title:** Portsmouth Court Complex(New Judicial Complex) | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference: Bold New Directions
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: 800 Crawford Street

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
86,748,551	77,700,259	9,048,292	0	0	0	0	0

Description and Scope

This project includes the creation of a master plan for the courts with the first phase identified as the construction of a facility which will primarily house the Circuit Court and Clerk of the Court.The Courthouse will have 107,166 gross square feet of space for the Circuit Court,39,837 gross square feet for the General District Court and a minimum of 40,432 gross square feet for Juvenile and Domestic Relations Court. The new Judicial Complex will open fall of FY13.

Rationale

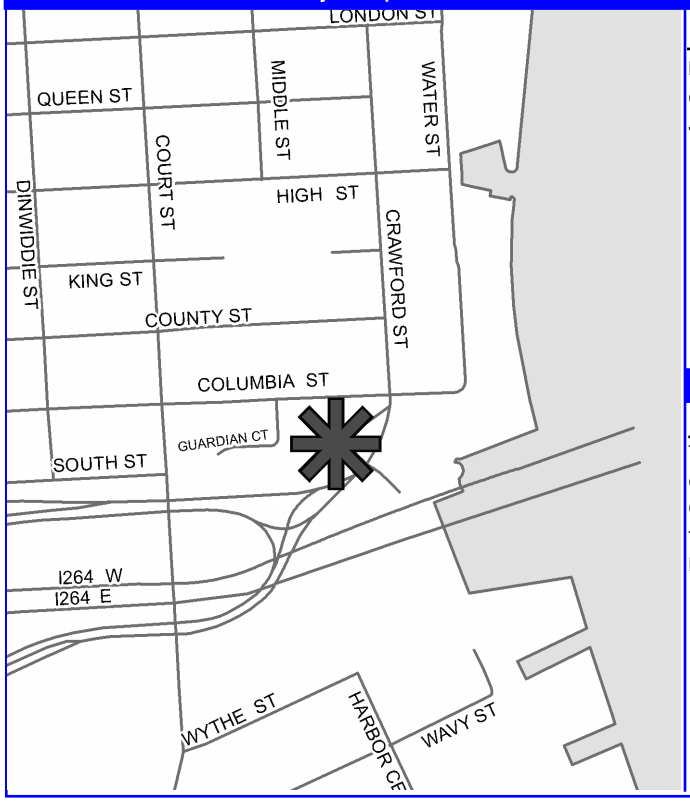
The existing civic center presently housing the courts was in serious need of renovation or replacement.
A lawsuit by the Circuit Court judges required the City to move forward with replacement.

Funding Strategy

Operating Budget Impacts

Originally, the City's budgeted five-year plan accepted by the Courthouse developer for FY09 @ $5 million, FY10-12 @ $3 million each, FY13 @ $4.75 million and FY14 @ $9,048,292. In order to settle the pending lawsuit by the Circuit Court judges, the real estate tax rate was increased to establish a courts capital reserve fund. Additional amounts above the funding amounts identified previously will be used to fund all three courts rather than the original plans for the Circuit Court only.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Design	08/06 - 01/08	6,250,000
Construction	07/08 - 12/14	73,548,292
Judicial Facilities Imprv(Desk Inc)	01/05 - 01/08	6,950,259
Total Budgetary Cost Estimate:		86,748,551

Means of Financing

Funding Source	Amount
Trans from Gen Fund to Capital Reserve - Courts	4,396,375
General Obligation Bonds	44,303,884
General Obligation Notes	25,000,000
Transfer from General Fund	4,000,000
Future Bond Issuance	9,048,292
Total Programmed Funding:	86,748,551
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 23512 | **Title:** Public Safety New Radio System | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Public Safety

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
11,000,000	3,000,000	4,000,000	4,000,000	0	0	0	0

Description and Scope

The Smartnet radio system was installed in1987 and will reach the end of its product life-cycle at the end of 2012. Limited product development on the Smartnet platform will begin occurring in 2010 and manufacturing of Smartnet equipment will end in 2012. A radio system modernization is needed to replace the aging system and meet national P25 communications standards with an upgrade to digital technology.

P25 communication standard have been adopted nationally to improve radio interoperability, compatibility and security. A radio system modernization plan is recommended to replace the Smartnet system with a digital system that meets P25 standards and upgrades the city's radio technology. The new P25 system will be simulcast to improve radio coverage in areas of the city that experience communication problems with portable radios.

Rationale

Funding Strategy

The project will be Funded by Issue of Bonds.

Project Map

NO MAP REQUIRED

Schedule of Activities

Project Activities	From - To	Amount
Project Management	01/00 - 06/17	11,000,000
Total Budgetary Cost Estimate:		11,000,000

Means of Financing

Funding Source	Amount
General Obligation Bonds	3,000,000
Future Bond Issuance	8,000,000
Total Programmed Funding:	11,000,000
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 17207 | **Title:** Renovations to Various Buildings | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
4,032,987	2,907,987	225,000	225,000	225,000	225,000	225,000	0

Description and Scope

This project provides funding to perform major renovations to various City Facilities. These projects are prioritized through a comprehensive needs assesment.

Rationale

The renovation of facilities reduces the cost of regular maintenance to buildings, provides citizens and employees with facilities that are safe and comfortable to utilize, and provides the opportunity to install efficient building systems that decrease the overall cost of operating the facilities.

Funding Strategy

This project is funded by GO Bond funding.

Operating Budget Impacts

The regular renovation of facilities reduces the cost of maintaining the facility and decreases energy cost through the installation of energy efficient equipment.

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/06 - 06/17	4,032,987
Total Budgetary Cost Estimate:		4,032,987

Means of Financing

Funding Source	Amount
General Obligation Bonds	2,907,987
Transfer from General Fund	1,125,000
Total Programmed Funding:	4,032,987
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 17407 | **Title:** Repair of Seawall | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Downtown Waterfront

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
1,141,158	941,158	40,000	40,000	40,000	40,000	40,000	0

Description and Scope

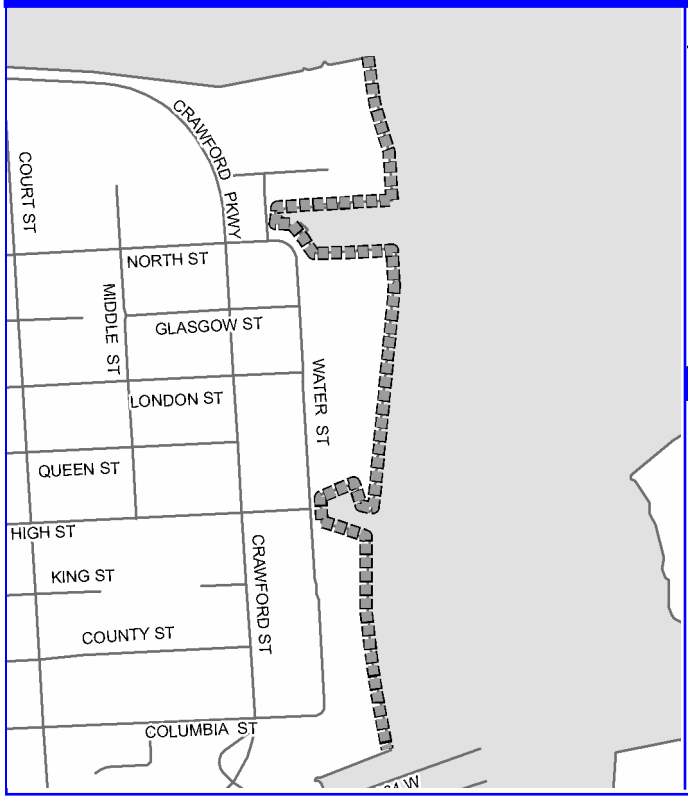
Continuous maintenance of the seawall structure

Rationale

The waterfront seawall and bulkhead is a major element of the downtown waterfront. This funding is for the seawall's maintenance to ensure safety of citizens and visitors. This maintenance will address the concrete, steel and other materials that are exposed to and impacted by pedestrian and vessel use, weather and the waters of the river.

Funding Strategy

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/06 - 06/17	1,141,158
Total Budgetary Cost Estimate:		1,141,158

Means of Financing

Funding Source	Amount
General Obligation Bonds	937,658
Transfer from General Fund	200,000
Other - Local Funding	3,500
Total Programmed Funding:	1,141,158
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 16807 | **Title:** Replacement of HVAC | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: N/A

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
2,236,052	1,836,052	0	100,000	100,000	100,000	100,000	0

Description and Scope

This project provides the neccesary funding to replace aging Heating, Ventilation and Air Conditioning systems proactively using life cycle cost methodology.

Rationale

The continued funding of this project allows for a more reliable and efficient inventory of equipment. Repair cost decrease and reliability increases.

Funding Strategy

In past CIP budgets this project has been funded by GO bonds.

Operating Budget Impacts

Continued funding of this project minimizes repair cost of existing equipment and allows for the installation of more efficient equipment that utilizes less energy.

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/07 - 06/06	1,411,406
Construction	07/06 - 06/17	824,646
Total Budgetary Cost Estimate:		2,236,052

Means of Financing

Funding Source	Amount
General Obligation Bonds	1,511,782
Transfer from General Fund	562,624
Other - Local Funding	161,646
Total Programmed Funding:	2,236,052
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 00039 | **Title:** Revenue System-Treasurer/Commissioner of Revenue | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: High Street

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
1,103,750	0	367,917	367,917	367,916	0	0	0

Description and Scope

Revenue System

Rationale

The city Treasurer and Commissioner of Revenue are requesting the replacement of several internally developed taxation and billing systems with a single integrated revenue collections system. The new system will replace several stand alone systems including software applications for business licenses, personal property assessment and taxing, real estate billing, trustee taxes, Virginia income tax processing, animal (dog) licenses, and cashiering and delinquent tax collections. The consolidation of these taxing and billing systems into a single system for the revenue collection will reduce the need to support and maintain separate databases and software applications.

A new integrated revenue and collection system will improve the efficiency and effectiveness of taxing and collection in both the Commissioner of Revenue and City Treasure offices. Staff in these departments must currently work several systems to access and update taxpayer and other related information. An integrated system will reduce staff time to enter and process information by sharing a common taxpayer database across all taxing and billing software applications. The City Treasurer's office will be able to quickly research a taxpayer's amounts due in all taxing and billing programs. Delinquent tax collection will become more efficient as liens, Virginia set-off debt collection, stops, judgments and other collection activities can occur over several systems at one time. Time saved by the staff can be used to enhance revenue collection and improve customer service.

The new system will also include citizen and business web portals. Citizens will be able to access more information regarding their accounts to determine the status of the account, amounts and dates due. A payment web portal will interface with the system to allow for convenient payment options. A business web site will be provided for business license renewals, trustee tax submissions and business personal property submissions and payments. These new online services will provide options for business to report and renew licenses without visiting City Hall.

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/13 - 06/16	1,103,750
Total Budgetary Cost Estimate:		1,103,750

Means of Financing

Funding Source	Amount
Transfer from General Fund	1,103,750
Total Programmed Funding:	1,103,750
Future Funding Requirements:	0

Capital Improvements

Municipal Facilities

Project: 16507 | **Title:** Roof Replacement | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Undefined

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
3,098,668	2,528,668	0	120,000	150,000	150,000	150,000	(3,098,668)

Description and Scope

This CIP project is reoccurring. It is used to fund roof replacements in accordance with a roof replacement plan that has been established. The roof replacement plan was done after a thorough evaluation of all roofs. The evaluation used both non-destructive and destructive tests.

Rationale

The continued funding of this CIP allows the City to proactively maintain roofing systems in a systematic way that eliminates the need for large capital expenses all at one time.

Funding Strategy

There has been consistent funding over the past 12 years. This funding has improved the overall condition of roofs across the City.

Operating Budget Impacts

The continued funding of this project minimizes repair expenses due to damages caused by leaking roofs.

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Total Budgetary Cost Estimate:		0

Means of Financing

Funding Source	Amount
General Obligation Bonds	2,298,508
Transfer from General Fund	570,000
Future Bond Issuance	108,160
Other - Federal Funding	122,000
Total Programmed Funding:	3,098,668
Future Funding Requirements:	(3,098,668)

Capital Improvements

Municipal Facilities

Project: 18307 | **Title:** Seawall Reinforcement | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Downtown Portsmouth

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
8,820,000	8,570,000	0	250,000	0	0	0	0

Description and Scope

This project provides funding for necessary repairs/replacement of the waterfront seawall from Swimming Point parallel to Crawford Pkwy east to the former Holiday Inn site and from the North end on the Elizabeth River side to teh south end of the seawall adjacent to City Hall.
The first phase was the replacement of approximately 140 feet of this seawall that collapsed just north of High Street Landing. The second phase was replacement of the seawall from Swimming Point to the Holiday Inn site parallel to Crawford Parkway. The third phase will be replacement of the seawall on the Elizabeth River side from the North Landing, north to the Tidewater Yacht Marina, a length of approximately 800 feet.

Rationale

The Seawall is a major city-owned asset in downtown Portsmouth. The impacts of the seawall on economic development, tourism, and community pride are difficult to quantify, but are significant. Recent routine inspections of the seawall have shown that there is substantial damage that must be repaired.
The design is complete for seawall repair work from North Landing up to the northen end of the Seawall. Inspections have been completed for the Seawall located north of North Landing. Substanital funding was provided in FY 13to address this major repair.

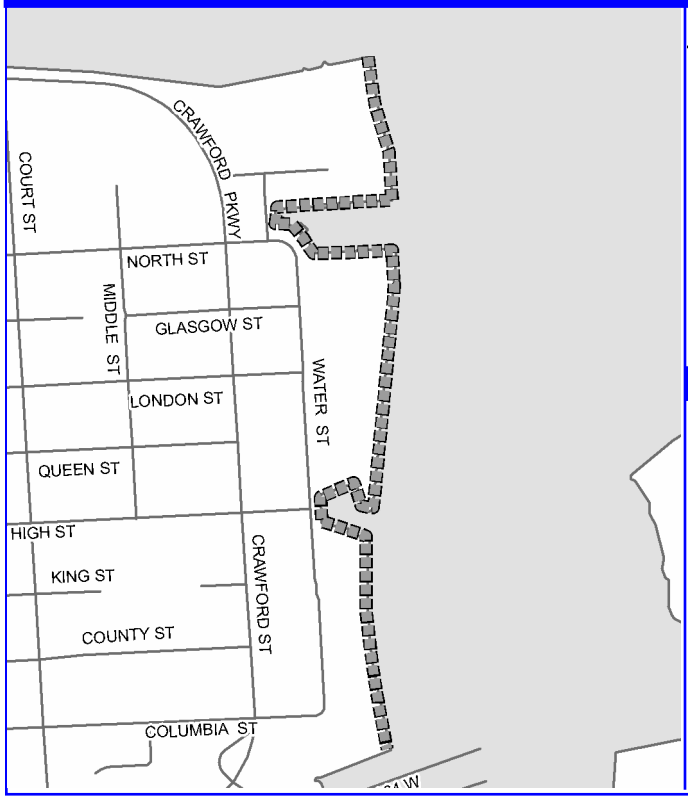
Funding Strategy

This project is expected to be cash funded in FY 2015.

Operating Budget Impacts

No impact to the operating budget.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Construction	07/07 - 06/12	8,820,000
Total Budgetary Cost Estimate:		8,820,000

Means of Financing

Funding Source	Amount
General Obligation Bonds	4,020,000
Transfer from General Fund	2,250,000
Sale of Property	2,550,000
Total Programmed Funding:	8,820,000
Future Funding Requirements:	0

Capital Improvements

Contingency

Parking Authority CIP

	Appropriated To Date	FY 2014 Adopted	*Un-Appropriated Subsequent Years* FY 2015	FY 2016	FY 2017	FY 2018	5 Year Total	CIP Total
Project Title								
County Street Parking Garage Replacement	250,000	-	1,500,000	1,600,000	-	-	3,100,000	3,350,000
Parking Garage Repairs	2,046,272	225,000	-	-	-	-	225,000	2,271,272
Total Project Cost	2,296,272	225,000	1,500,000	1,600,000	-	-	3,325,000	5,621,272
Debt Funding								
Future Bond Issuance	-	-	1,500,000	1,600,000	-	-	3,100,000	3,100,000
General Obligation Bonds	1,846,272	-	-	-	-	-	-	1,846,272
Debt Funding Funding	1,846,272	-	1,500,000	1,600,000	-	-	3,100,000	4,946,272
Other Funding								
Sale of Property	400,000	-	-	-	-	-	-	400,000
Transfers								
Transfer from General Fund	50,000	225,000	-	-	-	-	225,000	275,000
Total Funding	2,296,272	225,000	1,500,000	1,600,000	-	-	3,325,000	5,621,272

Capital Improvements

Parking Authority CIP

Project: 0052 | **Title:** County Street Parking Garage Replacement | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: County Street

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	*Non-Appropriated Programmed CIP Funding* FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
3,350,000	250,000	0	1,500,000	1,600,000	0	0	0

Description and Scope

This project provides funding for the replacement of County Street Parking Garage. Current inspections and the immediate need for major structural repairs serve to confirm the necessity to plan for this facility's replacement. To maintain the garage in full operation additional repairs will be necessary prior to replacement funding.

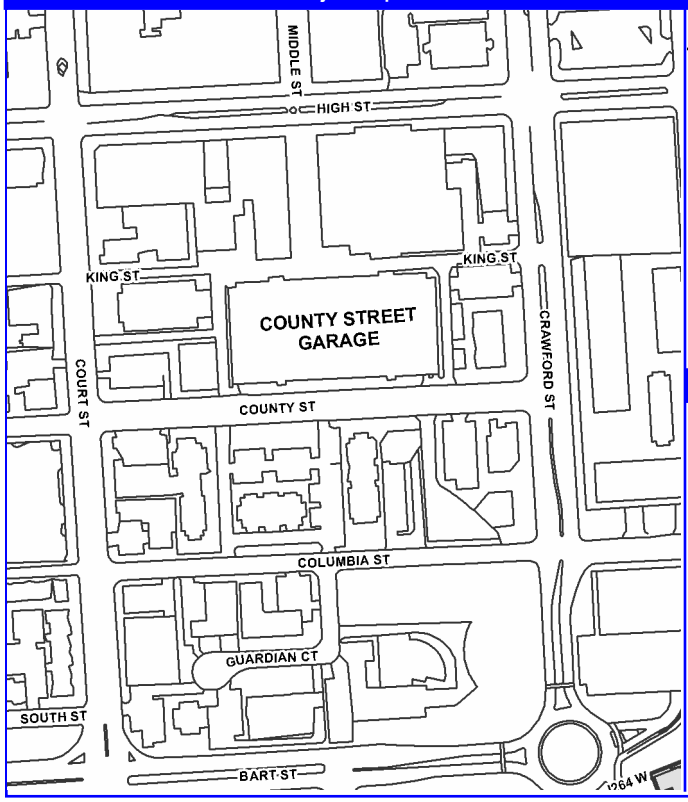
Rationale

The County Street Parking Garage was built in 1969 and is reaching the end of its useful service life. Numerous pre-cast structural elements are facing deterioration and require extensive repairs or replacement, which has limited the use of portions of the structure. The condition of the most recent structural elements needing to be replaced have resulted in extensive repairs and the closing the top deck of the garage. Replacing this garage will allow the City to continue providing adequate numbers of parking spaces in this high parking demand area of Downtown, and address a safety issue for all users.

Funding Strategy

Additional funding in support of this project is programmed in FY 2015 and FY 2016, and expected to be debt financed.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Design	07/12 - 06/18	3,350,000
Total Budgetary Cost Estimate:		3,350,000

Means of Financing

Funding Source	Amount
General Obligation Bonds	250,000
Future Bond Issuance	3,100,000
Total Programmed Funding:	3,350,000
Future Funding Requirements:	0

Capital Improvements

Parking Authority CIP

Project: 17107 | **Title:** Parking Garage Repairs | **Status:** Active Project

Comprehensive Plan Information

CIE Project: N/A
Plan Reference:
LOS/Concurrency: N/A
Project Need: N/A

Project Location

District:
Location: Downtown

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2014	Non-Appropriated Programmed CIP Funding FY 2015	FY 2016	FY 2017	FY 2018	Future Funding
2,271,272	2,046,272	225,000	0	0	0	0	500,000

Description and Scope

Ongoing capital funds are needed to make rehabilitation repairs to the nine City parking garages. Funding over the next five years will be used to address structural concerns in the Central Garage and painting in the Water Street Garage.

Rationale

The parking garages are major structures that often require one-time, major repairs/upgrades that are beyond the scope of the annual operating budget funds. As such, an ongoing CIP account has been created to fund these major repairs.

Funding Strategy

Funding for this project has been budgeted at $225,000 in FY 2014, increasing to $250,000 for both FY 2015 and FY 2016. These amounts are expected to be cash funded.

Operating Budget Impacts

Maintaining the garages properly prevents escalating maintenance costs.

Project Map

MAP NOT APPLICABLE

Schedule of Activities

Project Activities	From - To	Amount
Project Management	07/06 - 06/15	2,771,272
Total Budgetary Cost Estimate:		2,771,272

Means of Financing

Funding Source	Amount
General Obligation Bonds	1,596,272
Transfer from General Fund	275,000
Sale of Property	400,000
Total Programmed Funding:	2,271,272
Future Funding Requirements:	500,000

Capital Improvements

Fleet Management