

**Capital Improvements**  
**Business Center Index**

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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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19507	Sanitary Sewer Overflow Elimination Program	14 - 10
19307	Sewer Cave-in Repair	14 - 11
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### Water

<b>Project #</b>	<b>Project Title</b>	<b>Page #</b>
21907	Downtown Master Utility Replacement Program	14 - 15
20007	Infrastructure Improvements	14 - 16
20010	Lake Cahoon Raw Water Pump Station and Pipeline	14 - 17
23007	Lake Kilby Replacement Filters 1-10	14 - 18
22007	Low Pressure Transmission Mains	14 - 19
20407	Meter Replacement Program	14 - 20
20707	Miscellaneous Water Work	14 - 21
20207	Replacement of Water Plant Equipment	14 - 22
23008	Water Tank Rehabilitation	14 - 23

### Drainage and Street Improvements

<b>Project #</b>	<b>Project Title</b>	<b>Page #</b>
11907	ADA Compliance-Curb Cuts	14 - 25
11607	Bridge Repairs	14 - 26
10009	Churchland Bridge	14 - 27
10307	Drainage Facilities Repair and Lake Management	14 - 28
12707	Dredging of Lakes/Ponds	14 - 29
13007	Midtown Corridor	14 - 30
11312	Traffic Inventory	14 - 31
11307	Traffic Signal Improvements	14 - 32
00058	Victory Blvd/Paradise Cr Bridge Replacement	14 - 33
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**Capital Improvements**  
**Education**

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S0055	Churchland High PA	14 - 37
S0028	School Bus Fleet Replacement	14 - 38
S0043	Transfer to General Fund	14 - 39
S0063	Westhaven Elementary Roof	14 - 40
S0054	Wilson High PA	14 - 41
S0066	Woodrow Wilson Fire Alarm	14 - 42
S0064	Woodrow Wilson High School Roof	14 - 43

**Industrial and Economic Development**

<b>Project #</b>	<b>Project Title</b>	<b>Page #</b>
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**Leisure Services**

<b>Project #</b>	<b>Project Title</b>	<b>Page #</b>
00051	Recreation Center Enhancements	14 - 47

**Capital Improvements  
Municipal Facilities**

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18107	City/Schools Joint Financial Management System	14 - 53
00071	DSS Building	14 - 54
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00076	Elevator Upgrades	14 - 56
18507	Harbor Center Pavilion-Facility Upgrades	14 - 57
16707	HazMat Program	14 - 58
00075	IT Computer Room	14 - 59
00060	Mt. Olive & Mt. Calvary Cemetery Improvements	14 - 60
00074	Permitting System Replacement	14 - 61
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00077	Public Works Building	14 - 63
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00039	Revenue System-Treasurer/Commissioner of Revenue	14 - 67
16507	Roof Replacement	14 - 68
18307	Seawall Reinforcement	14 - 69
00073	Truxtun Fire Station	14 - 70
00078	Waste Management Building	14 - 71

**Parking Authority CIP**

<b>Project #</b>	<b>Project Title</b>	<b>Page #</b>
00052	County Street Parking Garage Replacement	14 - 70
17107	Parking Garage Repairs	14 - 71

**Fleet Management**

<b>Project #</b>	<b>Project Title</b>	<b>Page #</b>
23712	City Garage Fleet	14 - 72

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Appropriations Plan Summary**

Project Categories	Appropriated To Date	FY 2016 Adopted	Un-Appropriated Subsequent Years				5 Year Total	CIP Total
			FY 2017	FY 2018	FY 2019	FY 2020		
Sewer	56,436,169	4,500,000	10,700,000	7,700,000	7,700,000	7,700,000	38,300,000	94,736,169
Water	171,949,028	17,500,000	4,700,000	10,950,000	27,450,000	5,450,000	66,050,000	237,999,028
Drainage and Street Improvements	59,511,102	15,136,580	17,889,503	9,157,200	9,157,200	5,157,200	56,497,683	116,008,785
Education	4,380,000	2,639,132	5,540,000	5,500,000	3,000,000	3,000,000	19,679,132	24,059,132
Industrial and Economic Development	1,308,516	-	400,000	400,000	400,000	400,000	1,600,000	2,908,516
Leisure Services	1,000,000	800,000	1,000,000	1,000,000	1,000,000	1,000,000	4,800,000	5,800,000
Municipal Facilities	29,245,043	14,844,175	7,507,917	7,870,000	895,000	760,000	31,877,092	61,122,135
Parking Authority CIP	2,471,272	150,000	2,100,000	-	11,250,000	11,250,000	24,750,000	27,221,272
Fleet Management	983,908	-	1,498,835	1,821,886	2,327,059	2,327,059	7,974,839	8,958,747
<b>Total Project Cost</b>	<b>327,285,038</b>	<b>55,569,887</b>	<b>51,336,255</b>	<b>44,399,086</b>	<b>63,179,259</b>	<b>37,044,259</b>	<b>251,528,746</b>	<b>578,813,784</b>

Means of Financing	Appropriated To Date	FY 2016 Adopted	Un-Appropriated Subsequent Years				5 Year Total	CIP Total
			FY 2017	FY 2018	FY 2019	FY 2020		
Future Bond Issuance	4,724,633	18,250,000	11,030,000	12,500,000	15,250,000	13,250,000	70,280,000	75,004,633
General Obligation Bonds	30,288,846	-	-	-	-	-	-	30,288,846
General Obligation Notes	298,767	-	-	-	-	-	-	298,767
Harbor Center Pavilion Ticket Sales	418,930	35,000	35,000	35,000	35,000	35,000	175,000	593,930
Other - Federal Funding	2,388,450	-	-	-	-	-	-	2,388,450
Project Closeouts-Contingency	1,500,000	-	-	-	-	-	-	1,500,000
Public Utilities General Obligation Bonds	186,972,816	5,000,000	15,400,000	18,650,000	35,150,000	13,150,000	87,350,000	274,322,816
Sale of Timber	350,000	-	-	-	-	-	-	350,000
State-Other Categorical Aid	7,250,000	5,323,600	11,712,103	2,080,000	2,080,000	-	21,195,703	28,445,703
Transfer From Garage Fund	983,908	-	1,498,835	1,821,886	2,327,059	2,327,059	7,974,839	8,958,747
Transfer from General Fund	11,465,834	3,790,575	5,688,117	4,450,000	3,475,000	3,420,000	20,823,692	32,289,526
Transfer from Parking Authority Operating	400,000	150,000	600,000	-	-	-	750,000	1,150,000
Transfer from Public Utilities Fund	40,435,581	17,000,000	-	-	-	-	17,000,000	57,435,581
Transfer from Stormwater Fund	38,067,273	4,331,580	4,862,200	4,862,200	4,862,200	4,862,200	23,780,380	61,847,653
Transfer from Waste Mgmt Fund to CIP	-	200,000	-	-	-	-	200,000	200,000
Transfers from Schools(Capital Reserve Simonsdale School)	1,740,000	1,489,132	510,000	-	-	-	1,999,132	3,739,132
<b>Total Funding</b>	<b>327,285,038</b>	<b>55,569,887</b>	<b>51,336,255</b>	<b>44,399,086</b>	<b>63,179,259</b>	<b>37,044,259</b>	<b>251,528,746</b>	<b>578,813,784</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Sewer**

<u>Project Title</u>	<b>Appropriated</b>	<b>FY 2016</b>	<i>Un-Appropriated Subsequent Years</i>				<b>5 Year</b>	<b>CIP</b>
	<b>To Date</b>	<b>Adopted</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Total</b>	<b>Total</b>
Miscellaneous Improvements - Sewer	17,826,016	2,000,000	5,000,000	2,000,000	2,000,000	2,000,000	13,000,000	30,826,016
Sanitary Sewer Overflow Elimination Program	23,957,100	2,000,000	5,000,000	5,000,000	5,000,000	5,000,000	22,000,000	45,957,100
Sewer Cave-in Repair	7,634,763	500,000	700,000	700,000	700,000	700,000	3,300,000	10,934,763
Suction Well Rehabilitation	7,018,290	-	-	-	-	-	-	7,018,290
<b>Total Project Cost</b>	<b>56,436,169</b>	<b>4,500,000</b>	<b>10,700,000</b>	<b>7,700,000</b>	<b>7,700,000</b>	<b>7,700,000</b>	<b>38,300,000</b>	<b>94,736,169</b>
<b>Debt Funding</b>								
Public Utilities General Obligation Bonds	40,605,518	1,000,000	10,700,000	7,700,000	7,700,000	7,700,000	34,800,000	75,405,518
<b>Other Funding</b>								
Sale of Timber	230,000	-	-	-	-	-	-	230,000
<b>Transfers</b>								
Transfer from Public Utilities Fund	15,600,651	3,500,000	-	-	-	-	3,500,000	19,100,651
<b>Total Funding</b>	<b>56,436,169</b>	<b>4,500,000</b>	<b>10,700,000</b>	<b>7,700,000</b>	<b>7,700,000</b>	<b>7,700,000</b>	<b>38,300,000</b>	<b>94,736,169</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Sewer**

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

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Undefined**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
30,826,016	17,826,016	2,000,000	5,000,000	2,000,000	2,000,000	2,000,000	0

**Description and Scope**

The Department of Public Utilities is responsible for the operation and maintenance of 65 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**      **Schedule of Activities**

<b>VARIOUS LOCATIONS CITYWIDE</b>	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Project Management		07/04 - 06/20	30,826,016
	<b>Total Budgetary Cost Estimate:</b>			30,826,016
	<b>Means of Financing</b>			
	<b>Funding Source</b>			<b>Amount</b>
	Public Utilities General Obligation Bonds			20,662,500
Transfer from Public Utilities Fund			10,163,516	
<b>Total Programmed Funding:</b>			30,826,016	
<b>Future Funding Requirements:</b>			0	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Sewer**

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

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference: CC Vision - Neighborhood** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Citywide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
45,957,100	23,957,100	2,000,000	5,000,000	5,000,000	5,000,000	5,000,000	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 was 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. In February 2014, City Council approved a Memorandum of Agreement with the Hampton Roads Sanitation District (HRSD) whereby HRSD will be responsible for capacity and wet weather improvements necessary to comply with the consent order. This will significantly reduce the capital expenditures of the City of Portsmouth. However, Portsmouth must continue to spend capital dollars to address maintenance, operation, and management responsibilities as part of the consent order.

**Operating Budget Impacts**

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

**Project Map** | **Schedule of Activities**

<b>MAP NOT APPLICABLE</b>	<b>Project Activities</b>			<b>From - To</b>	<b>Amount</b>
	Project Management			07/06 - 06/08	1,850,000
	Design			07/06 - 06/17	3,390,000
	Construction			07/08 - 06/20	40,717,100
	<b>Total Budgetary Cost Estimate:</b>				
	<b>Means of Financing</b>				
	<b>Funding Source</b>				<b>Amount</b>
	Public Utilities General Obligation Bonds				38,319,965
	Transfer from Public Utilities Fund				7,637,135
	<b>Total Programmed Funding:</b>				45,957,100
	<b>Future Funding Requirements:</b>				0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Sewer**

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

**Comprehensive Plan Information**      **Project Location**

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

Programmed Funding							
Programmed Funding	Appropriated To Date	Budgeted FY 2016	FY 2017	Non-Appropriated Programmed CIP Funding			Future Funding
				FY 2018	FY 2019	FY 2020	
10,934,763	7,634,763	500,000	700,000	700,000	700,000	700,000	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	Schedule of Activities													
<p><b>VARIOUS LOCATIONS CITYWIDE</b></p>	<table border="1"> <thead> <tr> <th align="center">Project Activities</th> <th align="center">From - To</th> <th align="center">Amount</th> </tr> </thead> <tbody> <tr> <td>Construction</td> <td align="center">07/06 - 06/20</td> <td align="right">10,934,763</td> </tr> <tr> <td align="right" colspan="2"><b>Total Budgetary Cost Estimate:</b></td> <td align="right">10,934,763</td> </tr> </tbody> </table>	Project Activities	From - To	Amount	Construction	07/06 - 06/20	10,934,763	<b>Total Budgetary Cost Estimate:</b>		10,934,763				
	Project Activities	From - To	Amount											
	Construction	07/06 - 06/20	10,934,763											
	<b>Total Budgetary Cost Estimate:</b>		10,934,763											
	<b>Means of Financing</b>													
<table border="1"> <thead> <tr> <th align="center">Funding Source</th> <th align="center">Amount</th> </tr> </thead> <tbody> <tr> <td>Sale of Timber</td> <td align="right">230,000</td> </tr> <tr> <td>Public Utilities General Obligation Bonds</td> <td align="right">9,404,763</td> </tr> <tr> <td>Transfer from Public Utilities Fund</td> <td align="right">1,300,000</td> </tr> <tr> <td align="right" colspan="2"><b>Total Programmed Funding:</b></td> <td align="right">10,934,763</td> </tr> <tr> <td align="right" colspan="2"><b>Future Funding Requirements:</b></td> <td align="right">0</td> </tr> </tbody> </table>	Funding Source	Amount	Sale of Timber	230,000	Public Utilities General Obligation Bonds	9,404,763	Transfer from Public Utilities Fund	1,300,000	<b>Total Programmed Funding:</b>		10,934,763	<b>Future Funding Requirements:</b>		0
Funding Source	Amount													
Sale of Timber	230,000													
Public Utilities General Obligation Bonds	9,404,763													
Transfer from Public Utilities Fund	1,300,000													
<b>Total Programmed Funding:</b>		10,934,763												
<b>Future Funding Requirements:</b>		0												

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Sewer**

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

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A** | **Plan Reference: CC Vision - Neighborhood** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Undefined**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
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 25 sewer suction wells, which serve the older Downtown, Midtown, Westhaven and Glenshella 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**

**Schedule of Activities**

<b>VARIOUS LOCATIONS CITYWIDE</b>	<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
	Construction	07/06 - 06/17	7,018,290
	<b>Total Budgetary Cost Estimate:</b>		<u>7,018,290</u>
	<b>Means of Financing</b>		
	<b>Funding Source</b>		<b>Amount</b>
Public Utilities General Obligation Bonds		7,018,290	
<b>Total Programmed Funding:</b>		<u>7,018,290</u>	
<b>Future Funding Requirements:</b>			0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Water**

<b>Project Title</b>	<b>Appropriated</b>	<b>FY 2016</b>	<b>Un-Appropriated Subsequent Years</b>				<b>5 Year</b>	<b>CIP</b>
	<b>To Date</b>	<b>Adopted</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Total</b>	<b>Total</b>
Downtown Master Utility Replacement Program	35,900,000	5,000,000	-	1,500,000	15,000,000	-	21,500,000	57,400,000
Infrastructure Improvements	51,769,500	-	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000	59,769,500
Lake Cahoon Raw Water Pump Station and Pipeline	800,000	-	-	-	4,000,000	2,000,000	6,000,000	6,800,000
Lake Kilby Replacement Filters 1-10	45,600,000	3,000,000	-	-	-	-	3,000,000	48,600,000
Low Pressure Transmission Mains	13,250,000	5,000,000	-	5,000,000	5,000,000	-	15,000,000	28,250,000
Meter Replacement Program	10,999,999	-	-	-	-	-	-	10,999,999
Miscellaneous Water Work	3,985,616	1,000,000	700,000	700,000	700,000	700,000	3,800,000	7,785,616
Replacement of Water Plant Equipment	9,643,913	-	-	750,000	750,000	750,000	2,250,000	11,893,913
Water Tank Rehabilitation	-	3,500,000	2,000,000	1,000,000	-	-	6,500,000	6,500,000
<b>Total Project Cost</b>	<b>171,949,028</b>	<b>17,500,000</b>	<b>4,700,000</b>	<b>10,950,000</b>	<b>27,450,000</b>	<b>5,450,000</b>	<b>66,050,000</b>	<b>237,999,028</b>
<b>Debt Funding</b>								
Public Utilities General Obligation Bonds	146,367,298	4,000,000	4,700,000	10,950,000	27,450,000	5,450,000	52,550,000	198,917,298
<b>Other Funding</b>								
Other - Federal Funding	626,800	-	-	-	-	-	-	626,800
Sale of Timber	120,000	-	-	-	-	-	-	120,000
Other Funding Funding	746,800	-	-	-	-	-	-	746,800
<b>Transfers</b>								
Transfer from Public Utilities Fund	24,834,930	13,500,000	-	-	-	-	13,500,000	38,334,930
<b>Total Funding</b>	<b>171,949,028</b>	<b>17,500,000</b>	<b>4,700,000</b>	<b>10,950,000</b>	<b>27,450,000</b>	<b>5,450,000</b>	<b>66,050,000</b>	<b>237,999,028</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Water**

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

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference: CC Vision - Neighborhood**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Downtown Portsmouth**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
57,400,000	35,900,000	5,000,000	0	1,500,000	15,000,000	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 section of the project is currently under construction. At the appropriate time during construction, design of the next section will begin and follow a similar pattern until the entire master plan is implemented.

**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 - 06/19	6,815,000
Construction	07/06 - 06/19	50,585,000
<b>Total Budgetary Cost Estimate:</b>		<b>57,400,000</b>
<b>Means of Financing</b>		
<b>Funding Source</b>		<b>Amount</b>
Public Utilities General Obligation Bonds		47,400,000
Transfer from Public Utilities Fund		10,000,000
<b>Total Programmed Funding:</b>		<b>57,400,000</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Water**

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

**Comprehensive Plan Information**

**Project Location**

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

**District:**  
**Location: Citywide(Include Prentis Park Waterline Project)**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
59,769,500	51,769,500	0	2,000,000	2,000,000	2,000,000	2,000,000	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**

**Schedule of Activities**

**VARIOUS  
LOCATIONS  
CITYWIDE**

<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
Project Management	07/04 - 06/20	30,879,500
Construction	07/06 - 06/19	28,890,000

**Total Budgetary Cost Estimate:**      59,769,500

**Means of Financing**

<b>Funding Source</b>	<b>Amount</b>
Public Utilities General Obligation Bonds	48,766,470
Transfer from Public Utilities Fund	10,376,230
Other - Federal Funding	626,800

**Total Programmed Funding:**      59,769,500  
**Future Funding Requirements:**      0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Water**

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

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference: CC Vision – Neighborhood**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Lake Cahoon Reservoir**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
6,800,000	800,000	0	0	0	4,000,000	2,000,000	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.

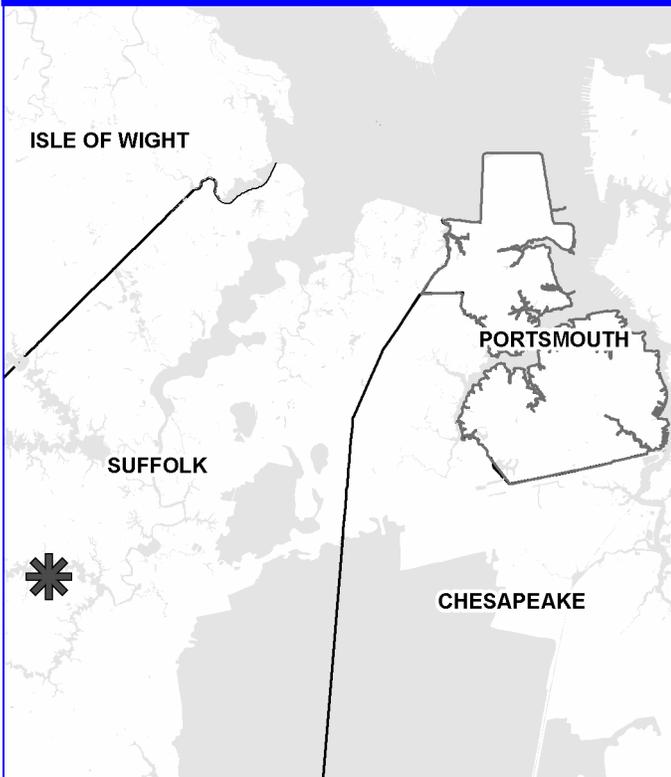
**Funding Strategy**

**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 - 06/19	800,000
Construction	07/10 - 06/19	6,000,000
<b>Total Budgetary Cost Estimate:</b>		<b>6,800,000</b>

**Means of Financing**

Funding Source	Amount
Public Utilities General Obligation Bonds	6,800,000
<b>Total Programmed Funding:</b>	<b>6,800,000</b>
<b>Future Funding Requirements:</b>	<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Water**

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

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference: CC Vision – Neighborhood**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Lake Kilby Water Treatment Facility**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
48,600,000	45,600,000	3,000,000	0	0	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**

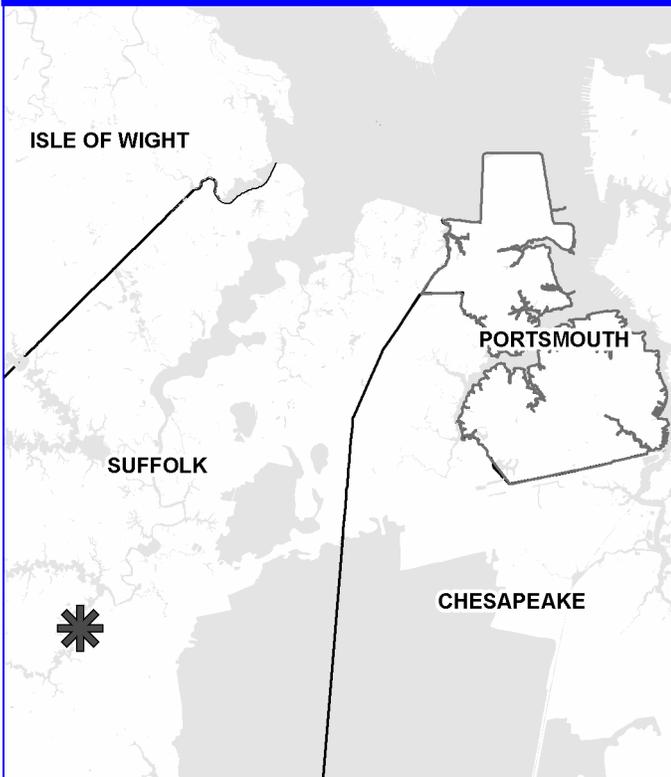
Evaluation and study will determine the multiphasing of this project and its cost.

**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 - 06/20	43,405,000
<b>Total Budgetary Cost Estimate:</b>		<b>48,600,000</b>

**Means of Financing**

Funding Source	Amount
Public Utilities General Obligation Bonds	37,600,000
Transfer from Public Utilities Fund	11,000,000
<b>Total Programmed Funding:</b>	<b>48,600,000</b>
<b>Future Funding Requirements:</b>	<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Water**

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

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference: CC Vision – Neighborhood**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Portsmouth and Suffolk**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
28,250,000	13,250,000	5,000,000	0	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 64 and 126 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**

**Schedule of Activities**

<b>MAP NOT APPLICABLE</b>	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Design		07/11 - 06/17	200,000
	Construction		07/12 - 06/20	28,050,000
	<b>Total Budgetary Cost Estimate:</b>			<b>28,250,000</b>
	<b>Means of Financing</b>			
	<b>Funding Source</b>			<b>Amount</b>
	Public Utilities General Obligation Bonds			27,250,000
	Transfer from Public Utilities Fund			1,000,000
	<b>Total Programmed Funding:</b>			<b>28,250,000</b>
	<b>Future Funding Requirements:</b>			<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Water**

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

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference: CC Vision – Neighborhood** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Citywide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
10,999,999	10,999,999	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). Readings will be more accurate.

**Funding Strategy**

.

**Operating Budget Impacts**

This project will reduce the annual maintenance requirements, decrease meter reading costs, and increase revenues due to accurate metering of water consumption.

**Project Map** | **Schedule of Activities**

<b>MAP NOT APPLICABLE</b>	<b>Project Activities</b>			<b>From - To</b>	<b>Amount</b>
	Project Management			07/04 - 06/05	1,500,000
	Design			07/06 - 06/12	699,900
	Construction			07/06 - 06/16	8,800,099
	<b>Total Budgetary Cost Estimate:</b>				
<b>Means of Financing</b>					
<b>Funding Source</b>					<b>Amount</b>
Public Utilities General Obligation Bonds					10,999,999
<b>Total Programmed Funding:</b>					<u>10,999,999</u>
<b>Future Funding Requirements:</b>					0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Water**

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

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference: CC Vision – Neighborhood** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Citywide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
7,785,616	3,985,616	1,000,000	700,000	700,000	700,000	700,000	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** | **Schedule of Activities**

<b>VARIOUS LOCATIONS CITYWIDE</b>	<b>Project Activities</b>			<b>From - To</b>	<b>Amount</b>	
	Project Management			07/04 - 06/19	2,200,000	
	Construction			07/06 - 06/20	5,585,616	
	<b>Total Budgetary Cost Estimate:</b>					<u>7,785,616</u>
	<b>Means of Financing</b>					
	<b>Funding Source</b>					<b>Amount</b>
Sale of Timber					120,000	
Public Utilities General Obligation Bonds					5,465,616	
Transfer from Public Utilities Fund					2,200,000	
<b>Total Programmed Funding:</b>					<u>7,785,616</u>	
<b>Future Funding Requirements:</b>					0	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Water**

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

**Comprehensive Plan Information**

**Project Location**

**CIE Project:** N/A      **Plan Reference:** CC Vision – Neighborhood      **District:**  
**LOS/Concurrency:** N/A      **Project Need:** N/A      **Location:** Lake Kilby Water Treatment Facility

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	FY 2017	Non-Appropriated Programmed CIP Funding			Future Funding
				FY 2018	FY 2019	FY 2020	
11,893,913	9,643,913	0	0	750,000	750,000	750,000	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**

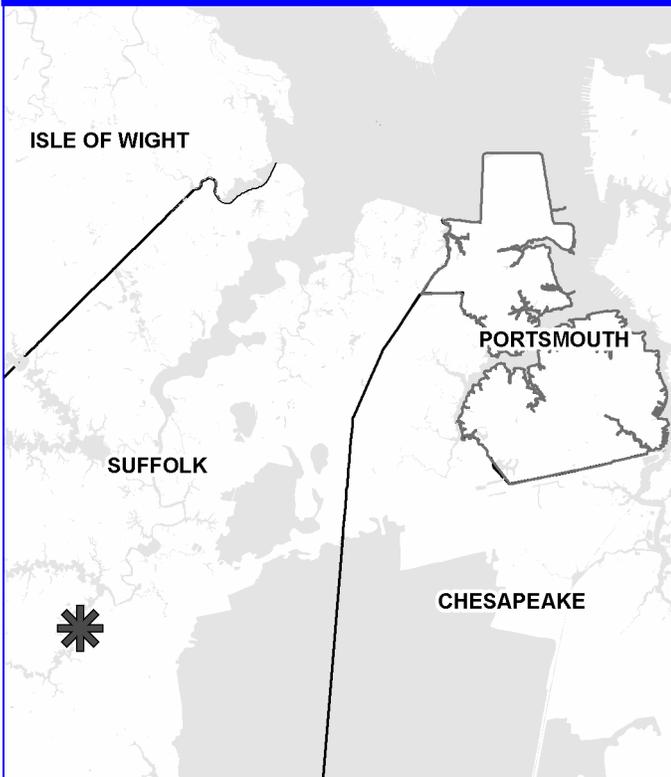
This is an ongoing project that will continue throughout the life of the water plant.

**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 - 06/20	4,711,299
<b>Total Budgetary Cost Estimate:</b>		<b>11,893,913</b>

**Means of Financing**

Funding Source	Amount
Public Utilities General Obligation Bonds	11,635,213
Transfer from Public Utilities Fund	258,700
<b>Total Programmed Funding:</b>	<b>11,893,913</b>
<b>Future Funding Requirements:</b>	<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Water**

**Project: 23008**      **Title: Water Tank Rehabilitation**      **Status: Proposed**

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location:**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
6,500,000	0	3,500,000	2,000,000	1,000,000	0	0	0

**Description and Scope**

The Department of Public Utilities is responsible for the operation and maintenance of six water storage tanks. In 2014 the Department completed an inspection/evaluation of all tanks. The resulting Preliminary Engineering Report (PER) provided recommendations for necessary rehabilitation/repairs.

**Rationale**

The results of the PER indicated that the interior/exterior coatings on the water storage tanks were nearing the end of their useful life. In addition, several minor structural defects were observed. This project is necessary to rehabilitate the storage tank coatings and structural components as an integral part of the distribution system.

**Funding Strategy**

This project will be phased over the next three years with a total rehabilitation cost of \$6.5 million

**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
<b>Total Budgetary Cost Estimate:</b>		<u>6,500,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Public Utilities General Obligation Bonds	3,000,000	
Transfer from Public Utilities Fund	3,500,000	
<b>Total Programmed Funding:</b>		<u>6,500,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

<u>Project Title</u>	<b>Appropriated</b>	<b>FY 2016</b>	<b>Un-Appropriated Subsequent Years</b>				<b>5 Year</b>	<b>CIP</b>
	<b>To Date</b>	<b>Adopted</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Total</b>	<b>Total</b>
ADA Compliance-Curb Cuts	376,428	10,000	25,000	25,000	25,000	25,000	110,000	486,428
Bridge Repairs	2,817,625	125,000	100,000	75,000	75,000	75,000	450,000	3,267,625
Churchland Bridge	14,572,697	10,000,000	10,927,303	-	-	-	20,927,303	35,500,000
Drainage Facilities Repair and Lake Management	30,377,202	2,419,430	3,000,000	3,000,000	3,000,000	3,000,000	14,419,430	44,796,632
Dredging of Lakes/Ponds	2,303,571	362,150	362,200	362,200	362,200	362,200	1,810,950	4,114,521
Midtown Corridor	1,200,000	-	780,000	-	-	-	780,000	1,980,000
Traffic Inventory	383,000	100,000	75,000	75,000	75,000	75,000	400,000	783,000
Traffic Signal Improvements	1,980,579	120,000	120,000	120,000	120,000	120,000	600,000	2,580,579
Victory Blvd/Paradise Cr Bridge Replacement	-	500,000	1,000,000	4,000,000	4,000,000	-	9,500,000	9,500,000
VPDES Permit Compliance	5,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	13,000,000
<b>Total Project Cost</b>	<b>59,511,102</b>	<b>15,136,580</b>	<b>17,889,503</b>	<b>9,157,200</b>	<b>9,157,200</b>	<b>5,157,200</b>	<b>56,497,683</b>	<b>116,008,785</b>
<b>Debt Funding</b>								
Future Bond Issuance	141,500	5,250,000	500,000	2,000,000	2,000,000	-	9,750,000	9,891,500
General Obligation Bonds	10,221,131	-	-	-	-	-	-	10,221,131
General Obligation Notes	298,767	-	-	-	-	-	-	298,767
<b>Debt Funding Funding</b>	<b>10,661,398</b>	<b>5,250,000</b>	<b>500,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>-</b>	<b>9,750,000</b>	<b>20,411,398</b>
<b>Education Funding</b>								
State-Other Categorical Aid	7,250,000	5,250,000	11,427,303	2,000,000	2,000,000	-	20,677,303	27,927,303
<b>Other Funding</b>								
Other - Federal Funding	1,639,650	-	-	-	-	-	-	1,639,650
Project Closeouts-Contingency	1,500,000	-	-	-	-	-	-	1,500,000
<b>Other Funding Funding</b>	<b>3,139,650</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,139,650</b>
<b>Transfers</b>								
Transfer from General Fund	392,781	355,000	1,100,000	295,000	295,000	295,000	2,340,000	2,732,781
Transfer from Stormwater Fund	38,067,273	4,281,580	4,862,200	4,862,200	4,862,200	4,862,200	23,730,380	61,797,653
<b>Transfers Funding</b>	<b>38,460,054</b>	<b>4,636,580</b>	<b>5,962,200</b>	<b>5,157,200</b>	<b>5,157,200</b>	<b>5,157,200</b>	<b>26,070,380</b>	<b>64,530,434</b>
<b>Total Funding</b>	<b>59,511,102</b>	<b>15,136,580</b>	<b>17,889,503</b>	<b>9,157,200</b>	<b>9,157,200</b>	<b>5,157,200</b>	<b>56,497,683</b>	<b>116,008,785</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

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

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference:** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Citywide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
486,428	376,428	10,000	25,000	25,000	25,000	25,000	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** | **Schedule of Activities**

<p><b>VARIOUS LOCATIONS CITYWIDE</b></p>	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Project Management		07/05 - 06/20	486,428
	<b>Total Budgetary Cost Estimate:</b>			<u>486,428</u>
	<b>Means of Financing</b>			
	<b>Funding Source</b>			<b>Amount</b>
General Obligation Bonds			321,308	
Transfer from General Fund			165,120	
<b>Total Programmed Funding:</b>			<u>486,428</u>	
<b>Future Funding Requirements:</b>			<u>0</u>	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

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

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Citywide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
3,267,625	2,817,625	125,000	100,000	75,000	75,000	75,000	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**

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**Project Map**      **Schedule of Activities**

<p><b>VARIOUS LOCATIONS CITYWIDE</b></p>	<p><b>Project Activities</b>      <b>From - To</b>      <b>Amount</b></p>
	<p>Project Management      07/05 - 06/20      3,267,625</p>
	<p><b>Total Budgetary Cost Estimate:</b>      3,267,625</p>
	<p><b>Means of Financing</b></p>
	<p><b>Funding Source</b>      <b>Amount</b></p>
	<p>General Obligation Bonds      2,540,314</p> <p>Transfer from General Fund      687,661</p> <p>Other - Federal Funding      39,650</p>
	<p><b>Total Programmed Funding:</b>      3,267,625</p> <p><b>Future Funding Requirements:</b>      0</p>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

<b>Project: 10009</b>	<b>Title: Churchland Bridge</b>	<b>Status: Active Project</b>
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Comprehensive Plan Information		Project Location
CIE Project: N/A	Plan Reference:	District:
LOS/Concurrency: N/A	Project Need: N/A	Location: High Street

Programmed Funding							
Programmed Funding	Appropriated To Date	Budgeted FY 2016	FY 2017	Non-Appropriated Programmed CIP Funding			Future Funding
				FY 2018	FY 2019	FY 2020	
35,500,000	14,572,697	10,000,000	10,927,303	0	0	0	0

**Description and Scope**

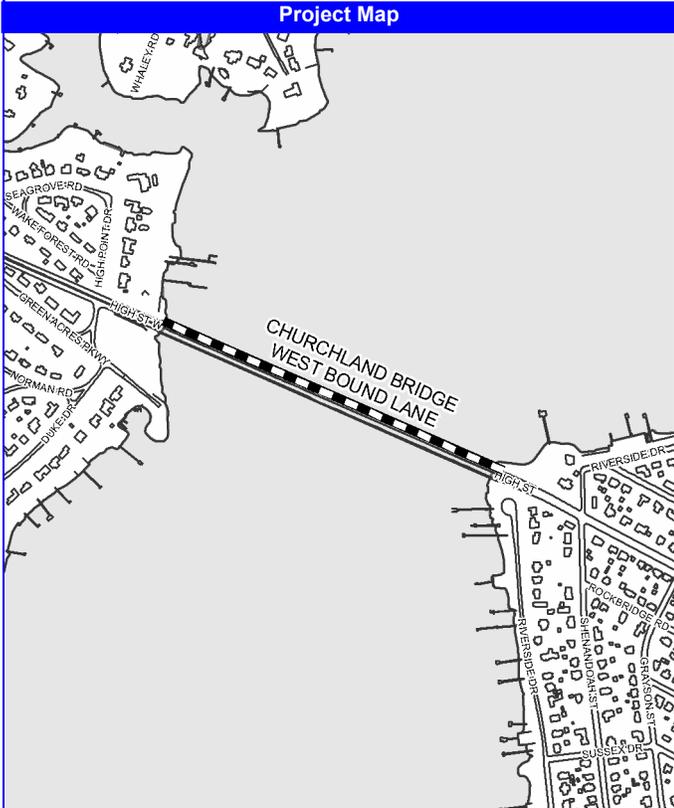
This project provides funding to replace the two westbound lanes of the Churchland Bridge with a totally new structure. The funding identified will address the eventual replacement of the bridge. Inspections will continue to be required on an annual basis and may generate the need to fund necessary repairs 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 \$35.5 million. VDOT funds have been identified as a planned source of funding.



Schedule of Activities	
Project Activities	From - To      Amount
Design	07/09 - 06/16      2,000,000
Construction	07/08 - 06/16      33,500,000
<b>Total Budgetary Cost Estimate: 35,500,000</b>	
Means of Financing	
Funding Source	Amount
Project Closeouts-Contingency	1,500,000
General Obligation Bonds	5,822,697
State-Other Categorical Aid	23,177,303
Future Bond Issuance	5,000,000
<b>Total Programmed Funding: 35,500,000</b>	
<b>Future Funding Requirements: 0</b>	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

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

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference:** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: City-wide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
44,796,632	30,377,202	2,419,430	3,000,000	3,000,000	3,000,000	3,000,000	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.

**Project Map** | **Schedule of Activities**

<b>VARIOUS LOCATIONS CITYWIDE</b>	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Project Management		07/06 - 06/20	44,796,632
	<b>Total Budgetary Cost Estimate:</b>			44,796,632
	<b>Means of Financing</b>			
	<b>Funding Source</b>			<b>Amount</b>
	General Obligation Bonds			13,500
Transfer from Stormwater Fund			44,683,132	
Other - Federal Funding			100,000	
<b>Total Programmed Funding:</b>			44,796,632	
<b>Future Funding Requirements:</b>			0	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

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

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference:** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Citywide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
4,114,521	2,303,571	362,150	362,200	362,200	362,200	362,200	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** | **Schedule of Activities**

<b>VARIOUS LOCATIONS CITYWIDE</b>	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Project Management		07/07 - 01/20	4,114,521
	<b>Total Budgetary Cost Estimate:</b>			4,114,521
	<b>Means of Financing</b>			
	<b>Funding Source</b>			<b>Amount</b>
	Transfer from Stormwater Fund			4,114,521
<b>Total Programmed Funding:</b>			4,114,521	
<b>Future Funding Requirements:</b>			0	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

**Project: 13007**      **Title: Midtown Corridor**      **Status: Active Project**

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location:**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
1,980,000	1,200,000	0	780,000	0	0	0	0

**Description and Scope**

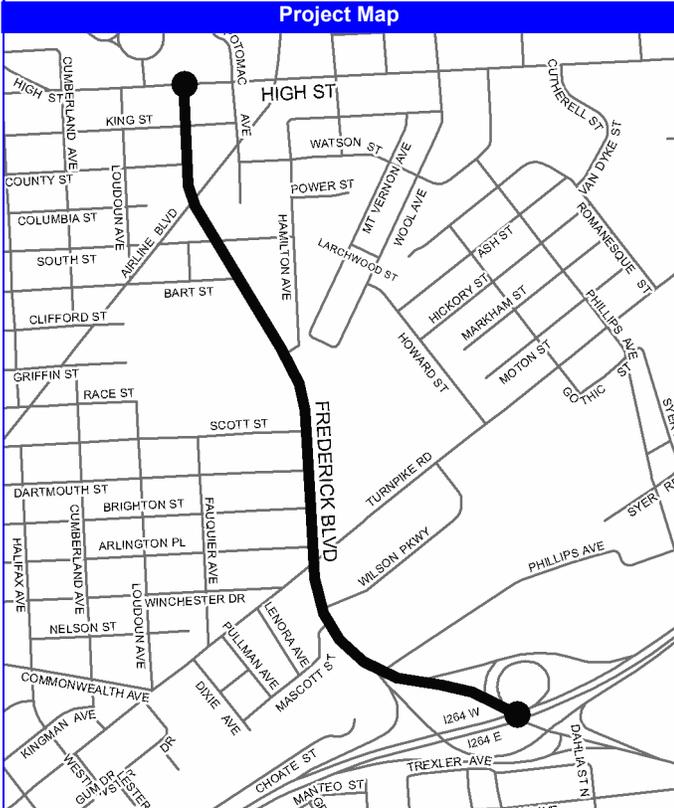
The Midtown corridor project will provide funding for street and drainage improvements on Turnpike Road from Constitution and Dixie. The original bids for the Turnpike Road project come in significantly over the VDOT estimate. VDOT performed some additional analysis and engineering. The project was re-bid and bids were closer to the original estimate. Some additional participation from the City is required and these dollars are budgeted in FY17. VDOT is planning to start construction this summer.

**Rationale**

This project will enhance the revitalization and redevelopment on the Midtown/Turnpike area.

**Funding Strategy**

The City has already provided \$1 million dollars in CIP funding as a match to the VDOT Urban Program funds. An additional \$780,000 match is funded in FY2016.



**Schedule of Activities**

Project Activities	From - To	Amount
Project Management	07/06 - 06/12	1,980,000
<b>Total Budgetary Cost Estimate:</b>		<b>1,980,000</b>

**Means of Financing**

Funding Source	Amount
General Obligation Bonds	1,200,000
Transfer from General Fund	780,000
<b>Total Programmed Funding:</b>	<b>1,980,000</b>
<b>Future Funding Requirements:</b>	<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

**Project: 11312**      **Title: Traffic Inventory**      **Status: Active Project**

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location:**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
783,000	383,000	100,000	75,000	75,000	75,000	75,000	0

**Description and Scope**

This Project is ongoing. It will procure equipments needed to maintain the traffic sign and pavement marking asset management system to meet the requirements of the Federal 23 CFR Part 655 mandated traffic sign retroreflectivity standards and the pending federal requirements for pavement marking and sign retroreflectivity standards.

**Rationale**

**Funding Strategy**

**Project Map**      **Schedule of Activities**

<b>NO MAP REQUIRED</b>	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Project Management		01/10 - 06/17	64,500
	Construction		01/10 - 06/19	718,500
	<b>Total Budgetary Cost Estimate:</b>			<u>783,000</u>
	<b>Means of Financing</b>			
	<b>Funding Source</b>		<b>Amount</b>	
	General Obligation Bonds			141,500
	Transfer from General Fund			500,000
	Future Bond Issuance			141,500
<b>Total Programmed Funding:</b>			<u>783,000</u>	
<b>Future Funding Requirements:</b>			<u>0</u>	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

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

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference:** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Citywide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
2,580,579	1,980,579	120,000	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** | **Schedule of Activities**

<p><b>VARIOUS LOCATIONS CITYWIDE</b></p>	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Project Management		07/05 - 06/20	2,580,579
	<b>Total Budgetary Cost Estimate:</b>			<u>2,580,579</u>
	<b>Means of Financing</b>			
	<b>Funding Source</b>			<b>Amount</b>
General Obligation Bonds			181,812	
General Obligation Notes			298,767	
Transfer from General Fund			600,000	
Other - Federal Funding			1,500,000	
<b>Total Programmed Funding:</b>			<u>2,580,579</u>	
<b>Future Funding Requirements:</b>			<u>0</u>	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

**Project: 00058** | **Title: Victory Blvd/Paradise Cr Bridge Replacement** | **Status: Active Project**

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference:** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location:**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
9,500,000	0	500,000	1,000,000	4,000,000	4,000,000	0	0

**Description and Scope**

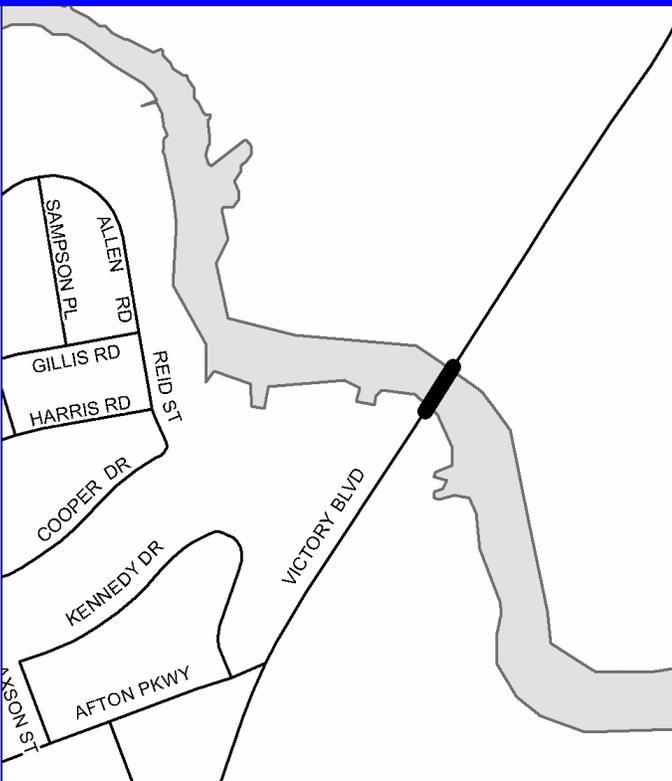
This bridge originally built in 1949, carries Victory Blvd over Paradise Cr and serves as a main entrance to the Norfolk Naval Shipyard. It is also one of our oldest of five bridges in Portsmouth. These funds identified in future years will start the programming for its eventual and necessary replacement.

**Rationale**

**Funding Strategy**

A mixture of City dollars and VDOT revenue sharing.

**Project Map** | **Schedule of Activities**



Project Activities	From - To	Amount
Project Management	07/15 - 06/18	9,500,000
<b>Total Budgetary Cost Estimate:</b>		<b>9,500,000</b>
Means of Financing		
Funding Source	Amount	
State-Other Categorical Aid	4,750,000	
Future Bond Issuance	4,750,000	
<b>Total Programmed Funding:</b>		<b>9,500,000</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Drainage and Street Improvements**

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

**Comprehensive Plan Information** | **Project Location**

CIE Project: N/A | Plan Reference: | District: |  
 LOS/Concurrency: N/A | Project Need: N/A | Location: Citywide

Programmed Funding							
Programmed Funding	Appropriated To Date	Budgeted FY 2016	FY 2017	Non-Appropriated Programmed CIP Funding			Future Funding
				FY 2018	FY 2019	FY 2020	
13,000,000	5,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	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	Schedule of Activities		
MAP NOT APPLICABLE	<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
	Project Management	07/08 - 06/20	13,000,000
	<b>Total Budgetary Cost Estimate:</b>		13,000,000
	<b>Means of Financing</b>		
	<b>Funding Source</b>		<b>Amount</b>
Transfer from Stormwater Fund		13,000,000	
<b>Total Programmed Funding:</b>		13,000,000	
<b>Future Funding Requirements:</b>		0	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Education**

<u>Project Title</u>	<b>Appropriated</b>	<b>FY 2016</b>	<i>Un-Appropriated Subsequent Years</i>				<b>5 Year</b>	<b>CIP</b>
	<b>To Date</b>	<b>Adopted</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Total</b>	<b>Total</b>
Churchland High HVAC	185,200	-	3,000,000	3,000,000	2,000,000	2,000,000	10,000,000	10,185,200
Churchland High PA	150,000	-	-	-	-	-	-	150,000
School Bus Fleet Replacement	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	7,000,000
Transfer to General Fund	1,680,000	560,000	510,000	-	-	-	1,070,000	2,750,000
Westhaven Elementary Roof	60,000	929,132	-	-	-	-	929,132	989,132
Wilson High PA	50,000	150,000	-	-	-	-	150,000	200,000
Woodrow Wilson Fire Alarm	144,800	-	-	-	-	-	-	144,800
Woodrow Wilson High School Roof	110,000	-	1,030,000	1,500,000	-	-	2,530,000	2,640,000
<b>Total Project Cost</b>	<b>4,380,000</b>	<b>2,639,132</b>	<b>5,540,000</b>	<b>5,500,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>19,679,132</b>	<b>24,059,132</b>
<b>Debt Funding</b>								
Future Bond Issuance	-	-	4,030,000	4,500,000	2,000,000	2,000,000	12,530,000	12,530,000
<b>Education Funding</b>								
Transfers from Schools(Capital Reserve Simonsdale School)	1,740,000	1,489,132	510,000	-	-	-	1,999,132	3,739,132
<b>Transfers</b>								
Transfer from General Fund	2,640,000	1,150,000	1,000,000	1,000,000	1,000,000	1,000,000	5,150,000	7,790,000
<b>Total Funding</b>	<b>4,380,000</b>	<b>2,639,132</b>	<b>5,540,000</b>	<b>5,500,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>19,679,132</b>	<b>24,059,132</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Education**

**Project: S0065** | **Title: Churchland High HVAC** | **Status: Adopted**

**Comprehensive Plan Information**

**Project Location**

CIE Project: N/A | Plan Reference: | District: |  
LOS/Concurrency: N/A | Project Need: N/A | Location: Schools

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
10,185,200	185,200	0	3,000,000	3,000,000	2,000,000	2,000,000	0

**Description and Scope**

Evaluation of existing system with recommendations for future needs. Funding will be allocated for recommended repairs and/or replacement of the existing system after the evaluation is completed.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
Construction	07/15 - 06/20	10,000,000
<b>Total Budgetary Cost Estimate:</b>		<b>10,185,200</b>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	185,200	
Future Bond Issuance	10,000,000	
<b>Total Programmed Funding:</b>		<b>10,185,200</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Education**

**Project: S0055** | **Title: Churchland High PA** | **Status: Adopted**

**Comprehensive Plan Information**

**Project Location**

CIE Project: N/A | Plan Reference: | District:  
LOS/Concurrency: N/A | Project Need: N/A | Location: Schools

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
150,000	150,000	0	0	0	0	0	0

**Description and Scope**

Repair the Churchland High School Public Address System.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
<b>Total Budgetary Cost Estimate:</b>		<u>150,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	150,000	
<b>Total Programmed Funding:</b>		<u>150,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Education**

**Project: S0028**      **Title: School Bus Fleet Replacement**      **Status: Active Project**

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Citywide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	FY 2017	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2018	FY 2019	FY 2020	
7,000,000	2,000,000	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 continuous 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
		7,000,000
Project Management	07/13 - 06/20	7,000,000
<b>Total Budgetary Cost Estimate:</b>		<u>7,000,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	7,000,000	
<b>Total Programmed Funding:</b>		<u>7,000,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Education**

**Project: S0043**      **Title: Transfer to General Fund**      **Status: Active Project**

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location:**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	FY 2017	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2018	FY 2019	FY 2020	
2,750,000	1,680,000	560,000	510,000	0	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	
	<b>Total Budgetary Cost Estimate:</b>		<u>2,750,000</u>
<b>Means of Financing</b>			
	Funding Source		Amount
	Transfers from Schools(Capital Reserve Simonsdale School		2,750,000
	<b>Total Programmed Funding:</b>		<u>2,750,000</u>
	<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Education**

**Project: S0063**      **Title: Westhaven Elementary Roof**      **Status: Adopted**

**Comprehensive Plan Information**

**Project Location**

CIE Project: N/A      Plan Reference:      District:  
LOS/Concurrency: N/A      Project Need: N/A      Location: Schools

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
989,132	60,000	929,132	0	0	0	0	0

**Description and Scope**

This project includes the design and construction of a new roof on Westhaven Elementary School.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
Construction	07/15 - 06/19	929,132
<b>Total Budgetary Cost Estimate:</b>		<b>989,132</b>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfers from Schools(Capital Reserve Simonsdale School	989,132	
<b>Total Programmed Funding:</b>		<b>989,132</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Education**

**Project: S0054**      **Title: Wilson High PA**      **Status: Adopted**

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Schools**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
200,000	50,000	150,000	0	0	0	0	0

**Description and Scope**

Repair the Wilson High School Public Address System

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

	<u>Project Activities</u>	<u>From - To</u>	<u>Amount</u>
		Project Management	07/15 - 06/16
	<b>Total Budgetary Cost Estimate:</b>		<u>200,000</u>
<b>Means of Financing</b>			
	<u>Funding Source</u>	<u>Amount</u>	
	Transfer from General Fund	200,000	
	<b>Total Programmed Funding:</b>		<u>200,000</u>
	<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Education**

**Project: S0066** | **Title: Woodrow Wilson Fire Alarm** | **Status: Adopted**

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A** | **Plan Reference:** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Schools**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
144,800	144,800	0	0	0	0	0	0

**Description and Scope**

Replace existing Fire Alarm System at Woodrow Wilson High School.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
		144,800
<b>Total Budgetary Cost Estimate:</b>		<u>144,800</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	144,800	
<b>Total Programmed Funding:</b>		<u>144,800</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Education**

**Project: S0064** | **Title: Woodrow Wilson High School Roof** | **Status: Adopted**

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A** | **Plan Reference:** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Schools**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
2,640,000	110,000	0	1,030,000	1,500,000	0	0	0

**Description and Scope**

This project provides the funding for design and construction to replace the roof at Woodrow Wilson High School.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
Construction	07/14 - 06/19	2,530,000
<b>Total Budgetary Cost Estimate:</b>		<b>2,640,000</b>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	110,000	
Future Bond Issuance	2,530,000	
<b>Total Programmed Funding:</b>		<b>2,640,000</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Industrial and Economic Development**

<u>Project Title</u>	<b>Appropriated</b>	<b>FY 2016</b>	<i>Un-Appropriated Subsequent Years</i>				<b>5 Year</b>	<b>CIP</b>
	<b>To Date</b>	<b>Adopted</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Total</b>	<b>Total</b>
City Gateways	1,308,516	-	50,000	50,000	50,000	50,000	200,000	1,508,516
Lincoln Park Redevelopment	-	-	350,000	350,000	350,000	350,000	1,400,000	1,400,000
Total Project Cost	<u>1,308,516</u>	<u>-</u>	<u>400,000</u>	<u>400,000</u>	<u>400,000</u>	<u>400,000</u>	<u>1,600,000</u>	<u>2,908,516</u>
<b><u>Debt Funding</u></b>								
Future Bond Issuance	224,973	-	-	-	-	-	-	224,973
General Obligation Bonds	909,940	-	-	-	-	-	-	909,940
Debt Funding Funding	<u>1,134,913</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,134,913</u>
<b><u>Transfers</u></b>								
Transfer from General Fund	173,603	-	400,000	400,000	400,000	400,000	1,600,000	1,773,603
Total Funding	<u>1,308,516</u>	<u>-</u>	<u>400,000</u>	<u>400,000</u>	<u>400,000</u>	<u>400,000</u>	<u>1,600,000</u>	<u>2,908,516</u>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Industrial and Economic Development**

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

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: City Wide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
1,508,516	1,308,516	0	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 maintenance 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 redevelopment; 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**

Funding is provided through a combination of bond funding and pay as you go cash funding. Due to budget constraints, no funding is provided for this project for FY2016.

**Project Map**      **Schedule of Activities**

<b>VARIOUS LOCATIONS CITYWIDE</b>	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Construction		07/06 - 06/20	1,508,516
	<b>Total Budgetary Cost Estimate:</b>			<u>1,508,516</u>
	<b>Means of Financing</b>			
	<b>Funding Source</b>			<b>Amount</b>
	General Obligation Bonds			909,940
Transfer from General Fund			373,603	
Future Bond Issuance			224,973	
<b>Total Programmed Funding:</b>			<u>1,508,516</u>	
<b>Future Funding Requirements:</b>			0	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Industrial and Economic Development**

**Project: 00069** | **Title: Lincoln Park Redevelopment** | **Status: Proposed**

**Comprehensive Plan Information**

**Project Location**

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

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
1,400,000	0	0	350,000	350,000	350,000	350,000	0

**Description and Scope**

This project will provide gap funding to the Portsmouth Redevelopment and Housing Authority for the revitalization plan for the Lincoln Park Public Housing Community. Lincoln Park was built in 1960 and is in need of redevelopment. The Authority has identified a program, the Rental Assistance Demonstration (RAD), from the U.S. Department of Housing and Urban Development (HUD) to assist with this project. In addition to the RAD Program, equity raised through the Virginia Housing Development Authority (VHDA) Low-Income Housing Tax Credit will provide for the majority of the funding for the project.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
<b>Total Budgetary Cost Estimate:</b>		<u>1,400,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	1,400,000	
<b>Total Programmed Funding:</b>		<u>1,400,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Leisure Services**

<u>Project Title</u>	<b>Appropriated</b>	<b>FY 2016</b>	<i>Un-Appropriated Subsequent Years</i>				<b>5 Year</b>	<b>CIP</b>
	<b>To Date</b>	<b>Adopted</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Total</b>	<b>Total</b>
Recreation Center Enhancements	1,000,000	800,000	1,000,000	1,000,000	1,000,000	1,000,000	4,800,000	5,800,000
Total Project Cost	<u>1,000,000</u>	<u>800,000</u>	<u>1,000,000</u>	<u>1,000,000</u>	<u>1,000,000</u>	<u>1,000,000</u>	<u>4,800,000</u>	<u>5,800,000</u>
<b>Transfers</b>								
Transfer from General Fund	1,000,000	800,000	1,000,000	1,000,000	1,000,000	1,000,000	4,800,000	5,800,000
Total Funding	<u>1,000,000</u>	<u>800,000</u>	<u>1,000,000</u>	<u>1,000,000</u>	<u>1,000,000</u>	<u>1,000,000</u>	<u>4,800,000</u>	<u>5,800,000</u>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Leisure Services**

**Project: 00051**      **Title: Recreation Center Enhancements**      **Status: Adopted**

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Citywide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	FY 2017	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2018	FY 2019	FY 2020	
5,800,000	1,000,000	800,000	1,000,000	1,000,000	1,000,000	1,000,000	0

**Description and Scope**

This is a seven year project that will have multiple positive outcomes for the City of Portsmouth. The city's existing recreation facilities will be improved and brought to "like new" condition, strategic school sites based on needs of the community will be upgraded to increase the quantity and quality of services provided. Based on the specific recommendations addressed in the master plan to improve five key areas, Communication, Maintenance, Recreation Programs, Community Facilities and Additional Land, we have identified areas of the City that lacked recreational resources and amenities.

**Rationale**

The existing recreation facilities need maintenance to bring them to "like new" status. We need to provide comprehensive city-wide recreational resources that meet the needs addressed in the City's Master Plan.

**Funding Strategy**

Funding for the projects will be on a pay as you go cash basis.

**Operating Budget Impacts**

We propose to enhance the City's existing facilities as well as increase additional recreation programs by utilizing school facilities. these enhancements will take place over a seven year period and will provide additional resources city-wide.

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
		5,800,000
<b>Total Budgetary Cost Estimate:</b>		<u>5,800,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	5,800,000	
<b>Total Programmed Funding:</b>		<u>5,800,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

<u>Project Title</u>	<b>Appropriated</b>	<b>FY 2016</b>	<b>Un-Appropriated Subsequent Years</b>				<b>5 Year</b>	<b>CIP</b>
	<b>To Date</b>	<b>Adopted</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Total</b>	<b>Total</b>
801 Water Street	-	343,446	-	-	-	-	343,446	343,446
ADA Compliance-Municipal Facilities	759,485	25,000	25,000	25,000	25,000	25,000	125,000	884,485
City/Schools Joint Financial Management System	2,936,486	109,729	-	-	-	-	109,729	3,046,215
DSS Building	-	115,000	125,000	125,000	125,000	-	490,000	490,000
DSS Telephone System Replacement	-	-	320,000	-	-	-	320,000	320,000
Elevator Upgrades	-	-	100,000	50,000	25,000	25,000	200,000	200,000
Harbor Center Pavilion-Facility Upgrades	418,930	35,000	35,000	35,000	35,000	35,000	175,000	593,930
HazMat Program	2,472,939	65,000	85,000	85,000	85,000	75,000	395,000	2,867,939
IT Computer Room	-	66,000	-	-	-	-	66,000	66,000
Mt. Olive & Mt. Calvary Cemetery Improvements	75,000	-	100,000	-	-	-	100,000	175,000
Permitting System Replacement	-	-	750,000	750,000	-	-	1,500,000	1,500,000
Public Safety New Radio System	7,000,000	4,000,000	-	-	-	-	4,000,000	11,000,000
Public Works Building	-	85,000	-	-	-	-	85,000	85,000
Renovations to Various Buildings	3,319,987	225,000	225,000	225,000	225,000	225,000	1,125,000	4,444,987
Repair of Seawall	1,106,158	75,000	75,000	75,000	75,000	75,000	375,000	1,481,158
Replacement of HVAC	1,936,052	100,000	100,000	100,000	100,000	100,000	500,000	2,436,052
Revenue	367,917	200,000	367,917	200,000	-	-	767,917	1,135,834
System-Treasurer/Commissioner of Revenue								
Roof Replacement	2,741,668	200,000	200,000	200,000	200,000	200,000	1,000,000	3,741,668
Seawall Reinforcement	6,110,421	4,500,000	5,000,000	6,000,000	-	-	15,500,000	21,610,421
Truxtun Fire Station	-	4,500,000	-	-	-	-	4,500,000	4,500,000
Waste Management Building	-	200,000	-	-	-	-	200,000	200,000
<b>Total Project Cost</b>	<b>29,245,043</b>	<b>14,844,175</b>	<b>7,507,917</b>	<b>7,870,000</b>	<b>895,000</b>	<b>760,000</b>	<b>31,877,092</b>	<b>61,122,135</b>
<b>Debt Funding</b>								
Future Bond Issuance	4,108,160	13,000,000	5,000,000	6,000,000	-	-	24,000,000	28,108,160
General Obligation Bonds	17,561,503	-	-	-	-	-	-	17,561,503
<b>Debt Funding Funding</b>	<b>21,669,663</b>	<b>13,000,000</b>	<b>5,000,000</b>	<b>6,000,000</b>	<b>-</b>	<b>-</b>	<b>24,000,000</b>	<b>45,669,663</b>
<b>Education Funding</b>								
State-Other Categorical Aid	-	73,600	284,800	80,000	80,000	-	518,400	518,400
<b>Other Funding</b>								
Harbor Center Pavilion Ticket Sales	418,930	35,000	35,000	35,000	35,000	35,000	175,000	593,930
Other - Federal Funding	122,000	-	-	-	-	-	-	122,000
<b>Other Funding Funding</b>	<b>540,930</b>	<b>35,000</b>	<b>35,000</b>	<b>35,000</b>	<b>35,000</b>	<b>35,000</b>	<b>175,000</b>	<b>715,930</b>
<b>Transfers</b>								
Transfer from General Fund	7,034,450	1,485,575	2,188,117	1,755,000	780,000	725,000	6,933,692	13,968,142
Transfer from Stormwater Fund	-	50,000	-	-	-	-	50,000	50,000
Transfer from Waste Mgmt Fund to CIP	-	200,000	-	-	-	-	200,000	200,000
<b>Transfers Funding</b>	<b>7,034,450</b>	<b>1,735,575</b>	<b>2,188,117</b>	<b>1,755,000</b>	<b>780,000</b>	<b>725,000</b>	<b>7,183,692</b>	<b>14,218,142</b>
<b>Total Funding</b>	<b>29,245,043</b>	<b>14,844,175</b>	<b>7,507,917</b>	<b>7,870,000</b>	<b>895,000</b>	<b>760,000</b>	<b>31,877,092</b>	<b>61,122,135</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 00070**      **Title: 801 Water Street**      **Status: Proposed**

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location:**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
343,446	0	343,446	0	0	0	0	0

**Description and Scope**

In FY2014 the City of Portsmouth purchased 801 Water Street for the Portsmouth Police Department Headquarters. The Police Department currently occupies the 3rd and 4th floor of the building. This funding will provide for the remaining technology needs for the 1st, 2nd, and 5th floors, as well as construction of the sally port and the floor reinforcement for the lectriever system.

**Rationale**

**Funding Strategy**

*(This section is currently blank in the provided image.)*

**Project Map**      **Schedule of Activities**

	Project Activities	From - To	Amount
		Project Management	07/15 - 06/16
<b>Total Budgetary Cost Estimate:</b>			<u>343,446</u>
<b>Means of Financing</b>			
	Funding Source		Amount
	Transfer from General Fund		343,446
<b>Total Programmed Funding:</b>			<u>343,446</u>
<b>Future Funding Requirements:</b>			0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

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

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference:** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Undefined**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	FY 2017	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2018	FY 2019	FY 2020	
884,485	759,485	25,000	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**

**Operating Budget Impacts**

There is no direct impact on the Operating Budget.

**Project Map** | **Schedule of Activities**

<b>MAP NOT APPLICABLE</b>	Project Activities		From - To	Amount
	Project Management		07/06 - 06/15	425,000
	Construction		07/06 - 06/20	459,485
	<b>Total Budgetary Cost Estimate:</b>			<u>884,485</u>
	Means of Financing			
	Funding Source		Amount	
	General Obligation Bonds		734,485	
	Transfer from General Fund		150,000	
<b>Total Programmed Funding:</b>			<u>884,485</u>	
<b>Future Funding Requirements:</b>			0	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 18107**      **Title: City/Schools Joint Financial Management System**      **Status: Active Project**

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Undefined**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
3,046,215	2,936,486	109,729	0	0	0	0	0

**Description and Scope**

This project will migrate the data from the existing HR/Payroll system to a more robust platform, which is consolidated with the existing financial system (MUNIS). The City of Portsmouth currently owns the majority of the necessary licensing to complete this task, but needs to fund the migration and implementation component.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

**MAP NOT  
APPLICABLE**

<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
Project Management	07/06 - 06/07	3,046,215
<b>Total Budgetary Cost Estimate:</b>		<u>3,046,215</u>
<b>Means of Financing</b>		
<b>Funding Source</b>	<b>Amount</b>	
Transfer from General Fund	3,046,215	
<b>Total Programmed Funding:</b>		<u>3,046,215</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 00071**      **Title: DSS Building**      **Status: Proposed**

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location:**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
490,000	0	115,000	125,000	125,000	125,000	0	0

**Description and Scope**

This project will provide funding over the next 4 years to begin replacement of the tile, carpet and vinyl floors; as well as wall painting and repairs in the DSS building. DSS took occupancy of 1701 High Street in 2001. The original tile, vinyl and carpet floor covering are in place. On a daily basis, the building is occupied by an estimated 300+ employees, including the Health Department, but excluding the clients and other visitors received in the building continuously. The replacement project includes all areas of the building with the exception of the first and fourth floor break rooms (floors replaced in FY14) and the Health Department (initiated and replaced their floor coverings in June 2013). The first phase is the first floor.

**Rationale**

**Funding Strategy**

State DSS monies, with a City cash match.

**Project Map**      **Schedule of Activities**

Project Activities	From - To	Amount
<b>Total Budgetary Cost Estimate:</b>		<u>490,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	176,400	
State-Other Categorical Aid	313,600	
<b>Total Programmed Funding:</b>		<u>490,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 00072**      **Title: DSS Telephone System Replacement**      **Status: Proposed**

**Comprehensive Plan Information**

**Project Location**

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

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
320,000	0	0	320,000	0	0	0	0

**Description and Scope**

This project will replace the existing DSS telephone system. The existing system was installed in 2001 and has exceeded its 10 year hardware lifecycle. Replacement parts for the system are difficult to locate, making the need for replacement more urgent.

**Rationale**

**Funding Strategy**

State DSS monies, with a City cash match.

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
<b>Total Budgetary Cost Estimate:</b>		<u>320,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	115,200	
State-Other Categorical Aid	204,800	
<b>Total Programmed Funding:</b>		<u>320,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 00076**      **Title: Elevator Upgrades**      **Status: Proposed**

**Comprehensive Plan Information**

**Project Location**

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

District:  
Location:

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
200,000	0	0	100,000	50,000	25,000	25,000	0

**Description and Scope**

This project will provide for the on-going repairs and upgrades to the City elevators. There are currently 45 elevators that the City maintains throughout the City buildings.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
<b>Total Budgetary Cost Estimate:</b>		<u>200,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	200,000	
<b>Total Programmed Funding:</b>		<u>200,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

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

**Comprehensive Plan Information**

**Project Location**

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

District:  
Location: 901 Crawford Street

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
593,930	418,930	35,000	35,000	35,000	35,000	35,000	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**

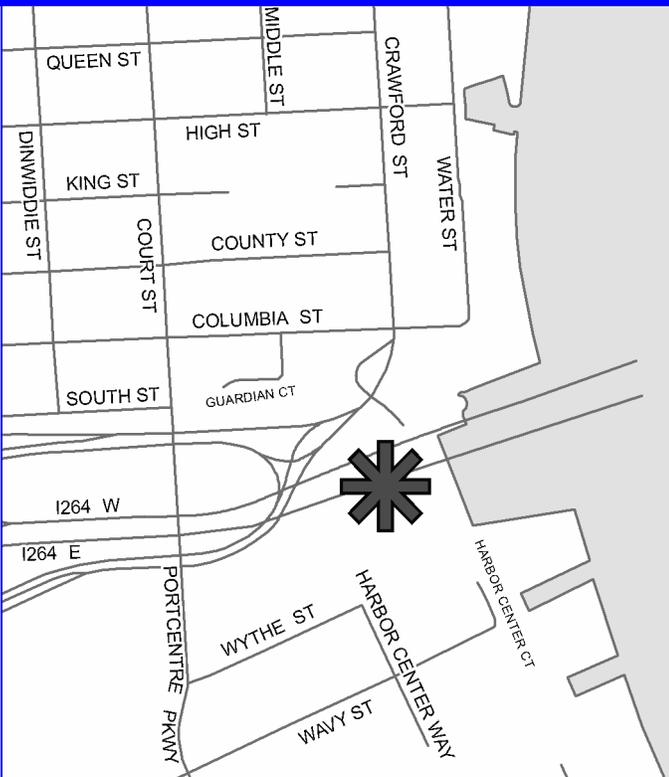
Funding for this project is a \$1.00 per ticket facility charge.

**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 - 12/20	593,930
<b>Total Budgetary Cost Estimate:</b>		<b>593,930</b>
<b>Means of Financing</b>		
Funding Source	Amount	
Harbor Center Pavilion Ticket Sales	593,930	
<b>Total Programmed Funding:</b>		<b>593,930</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

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

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Citywide**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
2,867,939	2,472,939	65,000	85,000	85,000	85,000	75,000	0

**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 a combination of GO bonds and pay as you go cash funding.

**Project Map**      **Schedule of Activities**

<b>MAP NOT APPLICABLE</b>	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Project Management		07/06 - 06/20	2,867,939
	<b>Total Budgetary Cost Estimate:</b>			<u>2,867,939</u>
	<b>Means of Financing</b>			
	<b>Funding Source</b>			<b>Amount</b>
	General Obligation Bonds			2,302,939
Transfer from General Fund			565,000	
<b>Total Programmed Funding:</b>			<u>2,867,939</u>	
<b>Future Funding Requirements:</b>			<u>0</u>	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 00075**      **Title: IT Computer Room**      **Status: Proposed**

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location:**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
66,000	0	66,000	0	0	0	0	0

**Description and Scope**

This project will provide for the architectural and engineering work to install a new fire suppression system for the computer room in the City Hall building.

**Rationale**

**Funding Strategy**

**Project Map**      **Schedule of Activities**

Project Activities	From - To	Amount
<b>Total Budgetary Cost Estimate:</b>		<u>66,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	66,000	
<b>Total Programmed Funding:</b>		<u>66,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 00060**      **Title: Mt. Olive & Mt. Calvary Cemetery Improvements**      **Status: Active Project**

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Pulaski Street**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
175,000	75,000	0	100,000	0	0	0	0

**Description and Scope**

This project includes topographic surveying of the property and the design documents that establish a grading and drainage plan to eliminate the flooding of the cemetery; and secondly, to provide a concept plan for the expansion of the cemetery so that the proceeds from the sale of plots can be used to fund the improvements and the long-term perpetual care fund.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
Project Management	07/14 - 06/19	175,000
<b>Total Budgetary Cost Estimate:</b>		<u>175,000</u>
<b>Means of Financing</b>		
<b>Funding Source</b>	<b>Amount</b>	
Transfer from General Fund	175,000	
<b>Total Programmed Funding:</b>		<u>175,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 00074**      **Title: Permitting System Replacement**      **Status: Proposed**

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location:**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
1,500,000	0	0	750,000	750,000	0	0	0

**Description and Scope**

The City of Portsmouth is in need of replacing their Permitting system. The current Tidemark Advantage system was implemented in 2000 and supports the permits and inspections process for the Department of Planning, Neighborhood Advancement, Fire Department, and Engineering. This has reached end of life and the Tidemark system has since been bought out by Accela.

The various stakeholders in this project have expressed a desire to leverage technology to improve their internal processes for plan review and communication with citizens during the permitting process. An upgrade or replacement of the existing system is necessary to facilitate the expressed desire for Electronic plan review, better data archiving, providing a mobile platform for streamlining the inspection process and implementing a web interface for citizens/businesses to submit plans and submit/review status of a requested permit.

**Rationale**

**Funding Strategy**

**Project Map**      **Schedule of Activities**

Project Activities	From - To	Amount
<b>Total Budgetary Cost Estimate:</b>		<u>1,500,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	1,500,000	
<b>Total Programmed Funding:</b>		<u>1,500,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

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

Comprehensive Plan Information		Project Location
CIE Project: N/A	Plan Reference:	District:
LOS/Concurrency: N/A	Project Need: N/A	Location: Public Safety

Programmed Funding							
Programmed Funding	Appropriated To Date	Budgeted FY 2016	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
11,000,000	7,000,000	4,000,000	0	0	0	0	0

**Description and Scope**

The Smartnet radio system was installed in 1987 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**

This project will be funded by bonds.

Project Map	Schedule of Activities			
NO MAP REQUIRED	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Project Management		01/06 - 06/19	11,000,000
	<b>Total Budgetary Cost Estimate:</b>			11,000,000
	<b>Means of Financing</b>			
	<b>Funding Source</b>			<b>Amount</b>
	General Obligation Bonds			3,000,000
Future Bond Issuance			8,000,000	
<b>Total Programmed Funding:</b>			11,000,000	
<b>Future Funding Requirements:</b>			0	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 00077**      **Title: Public Works Building**      **Status: Proposed**

**Comprehensive Plan Information**

**Project Location**

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

District:  
Location:

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
85,000	0	85,000	0	0	0	0	0

**Description and Scope**

This project will provide for the renovation of the restrooms in the Public Works Operations building. Additionally, it will add a shower to the women's restroom.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
<b>Total Budgetary Cost Estimate:</b>		<b>85,000</b>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from General Fund	35,000	
Transfer from Stormwater Fund	50,000	
<b>Total Programmed Funding:</b>		<b>85,000</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

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

**Comprehensive Plan Information**

**Project Location**

CIE Project: N/A | Plan Reference: | District:  
LOS/Concurrency: N/A | Project Need: N/A | Location: Citywide

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
4,444,987	3,319,987	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 a combination of GO Bond funding and pay as you go cash 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**

**Schedule of Activities**

**MAP NOT  
APPLICABLE**

<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
Project Management	07/06 - 06/20	4,444,987
<b>Total Budgetary Cost Estimate:</b>		<u>4,444,987</u>
<b>Means of Financing</b>		
<b>Funding Source</b>	<b>Amount</b>	
General Obligation Bonds	2,907,987	
Transfer from General Fund	1,537,000	
<b>Total Programmed Funding:</b>		<u>4,444,987</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

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

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference:** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: Downtown Waterfront**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
1,481,158	1,106,158	75,000	75,000	75,000	75,000	75,000	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**

*(This section is currently blank in the provided image.)*

**Project Map** | **Schedule of Activities**



Project Activities	From - To	Amount
Project Management	07/06 - 06/20	1,481,158
<b>Total Budgetary Cost Estimate:</b>		<b>1,481,158</b>
Means of Financing		
Funding Source	Amount	
General Obligation Bonds	898,288	
Transfer from General Fund	582,870	
<b>Total Programmed Funding:</b>		<b>1,481,158</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

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

**Comprehensive Plan Information**

**Project Location**

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

District:  
Location: N/A

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
2,436,052	1,936,052	100,000	100,000	100,000	100,000	100,000	0

**Description and Scope**

This project provides the necessary 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**

This project is funded by a combination of GO bonds and pay as you go cash funding.

**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**

**Schedule of Activities**

**MAP NOT  
APPLICABLE**

<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
Project Management	07/07 - 06/19	1,411,406
Construction	07/06 - 06/19	1,024,646
<b>Total Budgetary Cost Estimate:</b>		<b>2,436,052</b>

**Means of Financing**

<b>Funding Source</b>	<b>Amount</b>	
General Obligation Bonds	1,399,296	
Transfer from General Fund	1,036,756	
<b>Total Programmed Funding:</b>		<b>2,436,052</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

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

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: High Street**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
1,135,834	367,917	200,000	367,917	200,000	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 cashing 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.

**Funding Strategy**

This project is funded through pay as you go cash funding.

**Project Map**

**Schedule of Activities**

	Project Activities	From - To	Amount
		Project Management	07/13 - 06/20
<b>Total Budgetary Cost Estimate:</b>			<u>1,135,834</u>
<b>Means of Financing</b>			
	Funding Source		Amount
	Transfer from General Fund		1,135,834
<b>Total Programmed Funding:</b>			<u>1,135,834</u>
<b>Future Funding Requirements:</b>			0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

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

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Undefined**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
3,741,668	2,741,668	200,000	200,000	200,000	200,000	200,000	0

**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**

**Schedule of Activities**

**MAP NOT  
APPLICABLE**

<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
Construction	07/06 - 06/17	3,741,668
<b>Total Budgetary Cost Estimate:</b>		<u>3,741,668</u>
<b>Means of Financing</b>		
<b>Funding Source</b>	<b>Amount</b>	
General Obligation Bonds	2,298,508	
Transfer from General Fund	1,213,000	
Future Bond Issuance	108,160	
Other - Federal Funding	122,000	
<b>Total Programmed Funding:</b>		<u>3,741,668</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

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

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Downtown Portsmouth**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
21,610,421	6,110,421	4,500,000	5,000,000	6,000,000	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 the 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 northern end of the Seawall. Inspections have been completed for the Seawall located north of North Landing. Substantial funding was provided in FY 13 to address this major repair.

**Funding Strategy**

Funding for this project will be a combination of debt funding and pay as you go cash funding.

**Operating Budget Impacts**

No impact to the operating budget.

**Project Map**      **Schedule of Activities**



Project Activities	From - To	Amount
Construction	07/07 - 06/19	21,610,421
<b>Total Budgetary Cost Estimate:</b>		<b>21,610,421</b>
Means of Financing		
Funding Source	Amount	
General Obligation Bonds	4,020,000	
Transfer from General Fund	2,090,421	
Future Bond Issuance	15,500,000	
<b>Total Programmed Funding:</b>		<b>21,610,421</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 00073**      **Title: Truxtun Fire Station**      **Status: Proposed**

**Comprehensive Plan Information**

**Project Location**

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

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
4,500,000	0	4,500,000	0	0	0	0	0

**Description and Scope**

This project will fund the design and construction of a new fire station in Truxtun. This station will serve an area which has one of the greatest demands for fire and medical services. This station fills response void and will assist with events in Cradock, West Cradock, Newtown, Prentis Park, Douglas Park, and Highland Biltmore.

**Rationale**

**Funding Strategy**

Bond Funding is anticipated.

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
		4,500,000
Project Management	07/15 - 06/20	4,500,000
<b>Total Budgetary Cost Estimate:</b>		<u>4,500,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Future Bond Issuance	4,500,000	
<b>Total Programmed Funding:</b>		<u>4,500,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Municipal Facilities**

**Project: 00078**      **Title: Waste Management Building**      **Status: Proposed**

**Comprehensive Plan Information**

**Project Location**

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

District:  
Location:

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
200,000	0	200,000	0	0	0	0	0

**Description and Scope**

This project will provide for the redesign and renovation of the women's restrooms, shower, and locker areas in the Waste Management building. This is necessary to meet the need of the growing number of female employees in operations.

**Rationale**

**Funding Strategy**

**Project Map**

**Schedule of Activities**

Project Activities	From - To	Amount
<b>Total Budgetary Cost Estimate:</b>		<u>200,000</u>
<b>Means of Financing</b>		
Funding Source	Amount	
Transfer from Waste Mgmt Fund to CIP	200,000	
<b>Total Programmed Funding:</b>		<u>200,000</u>
<b>Future Funding Requirements:</b>		0

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Contingency  
Parking Authority CIP**

<u>Project Title</u>	<b>Appropriated To Date</b>	<b>FY 2016 Adopted</b>	<i>Un-Appropriated Subsequent Years</i>				<b>5 Year Total</b>	<b>CIP Total</b>
			<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>		
County Street Parking Garage Replacement	250,000	-	1,500,000	-	11,250,000	11,250,000	24,000,000	24,250,000
Parking Garage Repairs	<u>2,221,272</u>	<u>150,000</u>	600,000	-	-	-	750,000	2,971,272
Total Project Cost	<u>2,471,272</u>	<u>150,000</u>	<u>2,100,000</u>	-	<u>11,250,000</u>	<u>11,250,000</u>	<u>24,750,000</u>	<u>27,221,272</u>
<b>Debt Funding</b>								
Future Bond Issuance	250,000	-	1,500,000	-	11,250,000	11,250,000	24,000,000	24,250,000
General Obligation Bonds	1,596,272	-	-	-	-	-	-	1,596,272
Debt Funding Funding	1,846,272	-	1,500,000	-	11,250,000	11,250,000	24,000,000	25,846,272
<b>Transfers</b>								
Transfer from General Fund	225,000	-	-	-	-	-	-	225,000
Transfer from Parking Authority Operating	400,000	150,000	600,000	-	-	-	750,000	1,150,000
Transfers Funding	<u>625,000</u>	<u>150,000</u>	600,000	-	-	-	750,000	1,375,000
Total Funding	<u>2,471,272</u>	<u>150,000</u>	<u>2,100,000</u>	-	<u>11,250,000</u>	<u>11,250,000</u>	<u>24,750,000</u>	<u>27,221,272</u>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Parking Authority CIP**

**Project: 00052** | **Title: County Street Parking Garage Replacement** | **Status: Active Project**

**Comprehensive Plan Information** | **Project Location**

**CIE Project: N/A** | **Plan Reference:** | **District:**  
**LOS/Concurrency: N/A** | **Project Need: N/A** | **Location: County Street**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
24,250,000	250,000	0	1,500,000	0	11,250,000	11,250,000	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.

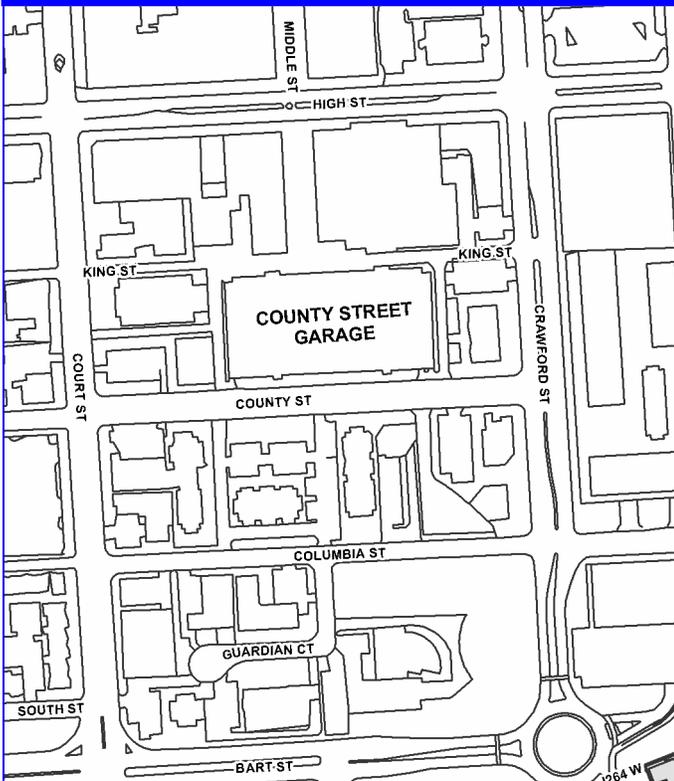
**Rationale**

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**

Funding in support of this project is programmed in FY 2017, FY 2019 and FY2020 and expected to be a combination of general fund transfer and debt financed.

**Project Map** | **Schedule of Activities**



Project Activities	From - To	Amount
Project Management	07/18 - 06/20	22,500,000
Design	07/12 - 06/18	1,750,000
<b>Total Budgetary Cost Estimate:</b>		<b>24,250,000</b>

**Means of Financing**

Funding Source	Amount	
Future Bond Issuance	24,250,000	
<b>Total Programmed Funding:</b>		<b>24,250,000</b>
<b>Future Funding Requirements:</b>		<b>0</b>

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Parking Authority CIP**

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

**Comprehensive Plan Information**      **Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: Downtown**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	FY 2017	Non-Appropriated Programmed CIP Funding			Future Funding
				FY 2018	FY 2019	FY 2020	
2,971,272	2,221,272	150,000	600,000	0	0	0	0

**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 \$400,000 in FY 2015, decreasing to \$150,000 for FY 2016. These amounts are expected to be cash funded on a pay as you go basis.

**Operating Budget Impacts**

Maintaining the garages properly prevents escalating maintenance costs.

**Project Map**      **Schedule of Activities**

<b>MAP NOT APPLICABLE</b>	<b>Project Activities</b>		<b>From - To</b>	<b>Amount</b>
	Project Management		07/06 - 06/19	2,971,272
	<b>Total Budgetary Cost Estimate:</b>			2,971,272
	<b>Means of Financing</b>			
	<b>Funding Source</b>			<b>Amount</b>
	Transfer from Parking Authority Operating			1,150,000
General Obligation Bonds			1,596,272	
Transfer from General Fund			225,000	
<b>Total Programmed Funding:</b>			2,971,272	
<b>Future Funding Requirements:</b>			0	

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Fleet Management**

**Description of Services Provided**

Currently Fleet Management has no active projects.

	Appropriated To Date	FY 2016 Adopted	Un-Appropriated Subsequent Years				5 Year Total	CIP Total
			FY 2017	FY 2018	FY 2019	FY 2020		
<b><u>Project Title</u></b>								
City Garage Fleet	983,908	-	1,498,835	1,821,886	2,327,059	2,327,059	7,974,839	8,958,747
Total Project Cost	983,908	-	1,498,835	1,821,886	2,327,059	2,327,059	7,974,839	8,958,747
<b><u>Transfers</u></b>								
Transfer From Garage Fund	983,908	-	1,498,835	1,821,886	2,327,059	2,327,059	7,974,839	8,958,747
Total Funding	983,908	-	1,498,835	1,821,886	2,327,059	2,327,059	7,974,839	8,958,747

**City of Portsmouth  
Fiscal Year 2016 Adopted Budget**

**Capital Improvements  
Fleet Management**

**Project: 23712**      **Title: City Garage Fleet**      **Status: Active Project**

**Comprehensive Plan Information**

**Project Location**

**CIE Project: N/A**      **Plan Reference:**      **District:**  
**LOS/Concurrency: N/A**      **Project Need: N/A**      **Location: City Garage**

**Programmed Funding**

Programmed Funding	Appropriated To Date	Budgeted FY 2016	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2017	FY 2018	FY 2019	FY 2020	
8,958,747	983,908	0	1,498,835	1,821,886	2,327,059	2,327,059	0

**Description and Scope**

This projects provides for the annual replacement of General Fund fleet vehicles and equipment.

**Rationale**

**Funding Strategy**

The City Garage charges user departments for vehicle maintenance and fuel costs. The revenue collected pays for the vehicle maintenance and capital cost of vehicle purchases.

**Project Map**

**Schedule of Activities**

**NO MAP  
REQUIRED**

<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
Vehicle Leasing	01/15 - 06/20	8,958,747
<b>Total Budgetary Cost Estimate:</b>		<u>8,958,747</u>
<b>Means of Financing</b>		
<b>Funding Source</b>	<b>Amount</b>	
Transfer From Garage Fund	8,958,747	
<b>Total Programmed Funding:</b>		<u>8,958,747</u>
<b>Future Funding Requirements:</b>		0

## Capital Improvements