

Capital Improvements
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Capital Improvements

Mission Statement

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

Description of Services Provided

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

The CIP is programmed in nine specific program areas:

- Sewer – Through the Public Utilities Enterprise Fund, projects are funded for the sewer system replacement and renovation.
- Water – Through the Public Utilities Enterprise Fund, projects are funded for the water system replacement and renovation. The City's water system is aging and requires ongoing repair and rehabilitation in order to secure the City's water supply.
- Drainage and Street Improvements – Through the Stormwater Fund and the Virginia Department of Transportation funding, there are a number of infrastructure improvement projects in this program grouping.
- Education – This program area is comprised of projects that are specifically school related. These include school building replacement and facility repairs. Funding for these projects comes from the City's local revenue, state lottery proceeds, and Virginia Public School Authority construction funds.
- Industrial and Economic Development – This area represents those projects providing for the community's economic vitality. These projects include gateways, pedestrian paths, neighborhood projects, and economic development support.
- Leisure Services – This program area is comprised of projects related to quality of life projects. These projects will improve the physical appearance of structures within the City's neighborhoods and improve recreational facilities throughout the City.
- Municipal Facilities – As the municipal facilities continue to age and maintenance becomes expensive, there is an existing facility need for replacement and refurbishment particularly the City's courts facility. This funding also includes projects to meet the changing dynamics of residential and commercial densities and also new facilities.
- Parking Authority CIP - This area represents projects providing replacement and renovations of City Parking Garages.
- Fleet Management- This area represents maintenance and replacement of the City's vehicle fleet. Currently there are no projects planned.

Strategic Plan

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

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

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

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

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

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

Capital Improvements

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

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

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

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

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

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

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

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Sewer

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19507	Sanitary Sewer Overflow Elimination Program	14 - 10
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Water

Project #	Project Title	Page #
21907	Downtown Master Utility Replacement Program	14 - 13
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23007	Lake Kilby Replacement Filters 1-10	14 - 16
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Drainage and Street Improvements

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00088	Churchland Middle Gym Bleachers	14 - 40
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00089	Waters Middle School Bleachers	14 - 46
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Industrial and Economic Development

Project #	Project Title	Page #
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Leisure Services

Project #	Project Title	Page #
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Municipal Facilities

Project #	Project Title	Page #
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Fleet Management

Project #	Project Title	Page #
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**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Appropriations Plan Summary**

Project Categories	Appropriated To Date	FY 2017 Preliminary	Un-Appropriated Subsequent Years				5 Year Total	CIP Total
			FY 2018	FY 2019	FY 2020	FY 2021		
Sewer	53,917,878	500,000	10,700,000	7,700,000	7,700,000	7,700,000	34,300,000	88,217,878
Water	189,449,028	500,000	4,700,000	14,950,000	25,450,000	5,450,000	51,050,000	240,499,028
Drainage and Street Improvements	74,647,682	17,016,213	6,979,106	9,122,200	9,122,200	5,122,200	47,361,919	122,009,601
Education	6,480,414	4,576,000	7,147,000	3,500,000	3,500,000	3,500,000	22,223,000	28,703,414
Industrial and Economic Development	-	350,000	350,000	350,000	350,000	-	1,400,000	1,400,000
Leisure Services	1,495,285	-	250,000	250,000	250,000	250,000	1,000,000	2,495,285
Municipal Facilities	39,695,085	7,828,000	7,270,000	1,495,000	5,710,000	660,000	22,963,000	62,658,085
Parking Authority CIP	2,671,271	2,100,000	-	11,250,000	11,250,000	-	24,600,000	27,271,271
Fleet Management	983,908	3,690,771	4,250,000	4,250,000	4,250,000	2,200,000	18,640,771	19,624,679
Total Project Cost	369,340,551	36,560,984	41,646,106	52,867,200	67,582,200	24,882,200	223,538,690	592,879,241

Means of Financing	Appropriated To Date	FY 2017 Preliminary	Un-Appropriated Subsequent Years				5 Year Total	CIP Total
			FY 2018	FY 2019	FY 2020	FY 2021		
Future Bond Issuance	19,070,632	16,374,941	16,547,000	20,350,000	25,350,000	4,700,000	83,321,941	102,392,573
General Obligation Bonds	31,178,257	-	-	-	-	-	-	31,178,257
General Obligation Notes	298,767	-	-	-	-	-	-	298,767
Harbor Center Pavilion Ticket Sales	383,571	35,000	35,000	35,000	35,000	35,000	175,000	558,571
Other - Federal Funding	2,388,450	-	-	-	-	-	-	2,388,450
Project Closeouts-Contingency	1,500,000	-	-	-	-	-	-	1,500,000
Public Utilities General Obligation Bonds	195,518,041	-	13,400,000	21,650,000	33,150,000	13,150,000	81,350,000	276,868,041
Sale of Timber	350,000	-	-	-	-	-	-	350,000
State Funding-VDOT	-	134,768	1,756,906	-	-	-	1,891,674	1,891,674
State-Other Categorical Aid	12,573,602	9,824,000	130,000	2,080,000	2,064,000	32,000	14,130,000	26,703,602
Transfer From Garage Fund	983,908	-	-	-	-	-	-	983,908
Transfer from General Fund	13,484,407	3,579,000	2,915,000	2,890,000	2,121,000	2,103,000	13,608,000	27,092,407
Transfer from Parking Authority Operating	150,000	600,000	-	-	-	-	600,000	750,000
Transfer from Public Utilities Fund	46,872,065	1,000,000	2,000,000	1,000,000	-	-	4,000,000	50,872,065
Transfer from Stormwater Fund	42,348,853	4,303,275	4,862,200	4,862,200	4,862,200	4,862,200	23,752,075	66,100,928
Transfer from Waste Mgmt Fund to CIP	-	200,000	-	-	-	-	200,000	200,000
Transfers from Schools(Capital Reserve Simonsdale School)	2,240,000	510,000	-	-	-	-	510,000	2,750,000
Total Funding	369,340,551	36,560,984	41,646,106	52,867,200	67,582,200	24,882,200	223,538,690	592,879,241

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Sewer**

Project Title	Appropriated	FY 2017	Un-Appropriated Subsequent Years				5 Year	CIP
	To Date	Preliminary	FY 2018	FY 2019	FY 2020	FY 2021	Total	Total
Miscellaneous Improvements - Sewer	19,826,016	-	5,000,000	2,000,000	2,000,000	2,000,000	11,000,000	30,826,016
Sanitary Sewer Overflow Elimination Program	25,957,100	-	5,000,000	5,000,000	5,000,000	5,000,000	20,000,000	45,957,100
Sewer Cave-in Repair	8,134,762	500,000	700,000	700,000	700,000	700,000	3,300,000	11,434,762
Total Project Cost	53,917,878	500,000	10,700,000	7,700,000	7,700,000	7,700,000	34,300,000	88,217,878
Debt Funding								
Public Utilities General Obligation Bonds	44,750,743	-	10,700,000	7,700,000	7,700,000	7,700,000	33,800,000	78,550,743
Other Funding								
Sale of Timber	230,000	-	-	-	-	-	-	230,000
Transfers								
Transfer from Public Utilities Fund	8,937,135	500,000	-	-	-	-	500,000	9,437,135
Total Funding	53,917,878	500,000	10,700,000	7,700,000	7,700,000	7,700,000	34,300,000	88,217,878

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
30,826,016	19,826,016	0	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. This project funds small repair projects that provide for routine replacement/rehabilitation and upgrade of sewer system components, using both in-house and contract labor.

Rationale

Failure of the sanitary sewer system disrupts service to 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**

VARIOUS LOCATIONS CITYWIDE	Project Activities		From - To	Amount
	Project Management		07/04 - 06/21	30,826,016
	Total Budgetary Cost Estimate:			<u>30,826,016</u>
	Means of Financing			
	Funding Source		Amount	
	Public Utilities General Obligation Bonds			30,826,016
Total Programmed Funding:			<u>30,826,016</u>	
Future Funding Requirements:			<u>0</u>	

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
45,957,100	25,957,100	0	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**

MAP NOT APPLICABLE	Project Activities			From - To	Amount
	Project Management			07/06 - 06/21	1,850,000
	Design			07/06 - 06/21	3,390,000
	Construction			07/08 - 06/21	40,717,100
	Total Budgetary Cost Estimate:				<u>45,957,100</u>
	Means of Financing				
	Funding Source				Amount
	Public Utilities General Obligation Bonds				38,319,965
	Transfer from Public Utilities Fund				7,637,135
	Total Programmed Funding:				<u>45,957,100</u>
	Future Funding Requirements:				<u>0</u>

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
11,434,762	8,134,762	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>VARIOUS LOCATIONS CITYWIDE</p>	Project Activities		From - To	Amount
	Construction		07/06 - 06/21	11,434,762
	Total Budgetary Cost Estimate:			11,434,762
	Means of Financing			
	Funding Source			Amount
Sale of Timber			230,000	
Public Utilities General Obligation Bonds			9,404,762	
Transfer from Public Utilities Fund			1,800,000	
Total Programmed Funding:			11,434,762	
Future Funding Requirements:			0	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Water**

Project Title	Appropriated	FY 2017	Un-Appropriated Subsequent Years				5 Year	CIP
	To Date	Preliminary	FY 2018	FY 2019	FY 2020	FY 2021	Total	Total
Downtown Master Utility Replacement Program	40,900,000	-	-	1,500,000	15,000,000	-	16,500,000	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	2,000,000	8,000,000	8,800,000
Lake Kilby Replacement Filters 1-10	48,600,000	-	-	-	-	-	-	48,600,000
Low Pressure Transmission Mains	18,250,000	-	-	5,000,000	5,000,000	-	10,000,000	28,250,000
Meter Replacement Program	10,999,999	-	-	-	-	-	-	10,999,999
Miscellaneous Water Work	4,985,616	500,000	700,000	700,000	700,000	700,000	3,300,000	8,285,616
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	-	-	3,000,000	6,500,000
Total Project Cost	189,449,028	500,000	4,700,000	14,950,000	25,450,000	5,450,000	51,050,000	240,499,028
Debt Funding								
Public Utilities General Obligation Bonds	150,767,298	-	2,700,000	13,950,000	25,450,000	5,450,000	47,550,000	198,317,298
Other Funding								
Other - Federal Funding	626,800	-	-	-	-	-	-	626,800
Sale of Timber	120,000	-	-	-	-	-	-	120,000
Other Funding Funding	746,800	-	-	-	-	-	-	746,800
Transfers								
Transfer from Public Utilities Fund	37,934,930	500,000	2,000,000	1,000,000	-	-	3,500,000	41,434,930
Total Funding	189,449,028	500,000	4,700,000	14,950,000	25,450,000	5,450,000	51,050,000	240,499,028

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
57,400,000	40,900,000	0	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
Total Budgetary Cost Estimate:		57,400,000

Means of Financing	
Funding Source	Amount
Public Utilities General Obligation Bonds	47,400,000
Transfer from Public Utilities Fund	10,000,000
Total Programmed Funding:	57,400,000
Future Funding Requirements:	0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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** **District:**
LOS/Concurrency: N/A **Project Need: N/A** **Location: Citywide(Include Prentis Park Waterline Project)**

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
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	Project Activities			From - To	Amount	
	Project Management			07/04 - 06/21	30,879,500	
	Construction			07/06 - 06/21	28,890,000	
	Total Budgetary Cost Estimate:					<u>59,769,500</u>
	Means of Financing					
	Funding Source					Amount
Public Utilities General Obligation Bonds					48,766,470	
Transfer from Public Utilities Fund					10,376,230	
Other - Federal Funding					626,800	
Total Programmed Funding:					<u>59,769,500</u>	
Future Funding Requirements:					0	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Water**

Project: 20010 **Title: Lake Cohoon 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 Cohoon Reservoir**

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2017	FY 2018	Non-Appropriated Programmed CIP Funding			Future Funding
				FY 2019	FY 2020	FY 2021	
8,800,000	800,000	0	0	4,000,000	2,000,000	2,000,000	(2,000,000)

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.

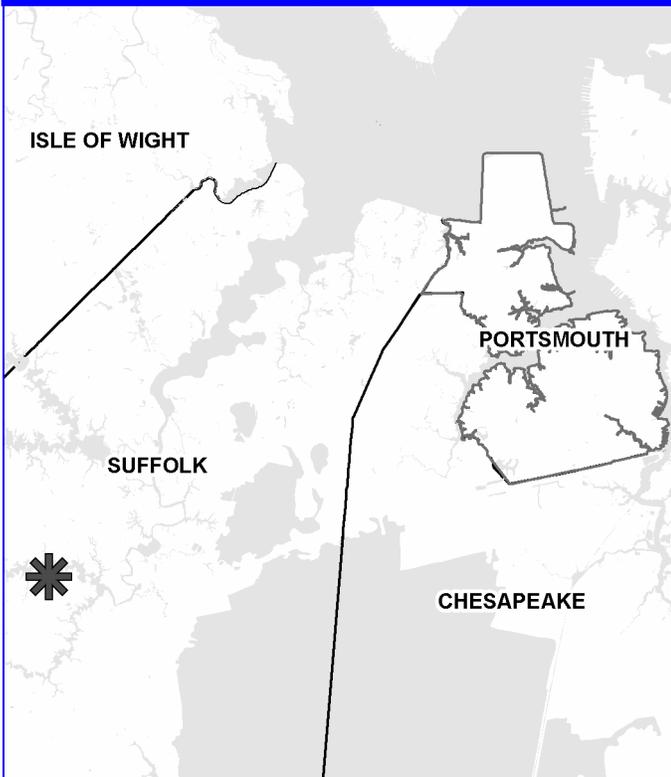
Funding Strategy

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
Total Budgetary Cost Estimate:		6,800,000

Means of Financing

Funding Source	Amount
Public Utilities General Obligation Bonds	8,800,000
Total Programmed Funding:	8,800,000
Future Funding Requirements:	(2,000,000)

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
48,600,000	48,600,000	0	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

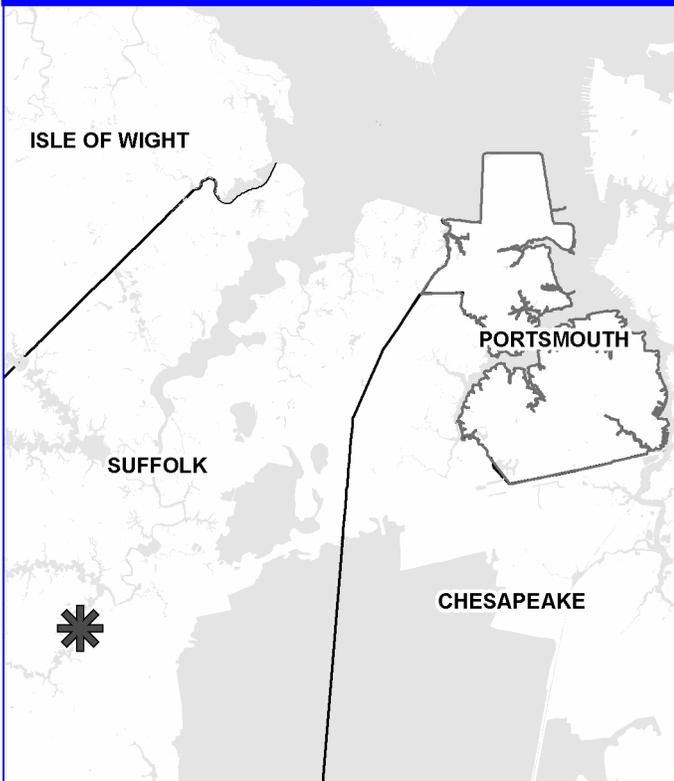
Funding Strategy

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
Total Budgetary Cost Estimate:		48,600,000

Means of Financing

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

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	FY 2018	Non-Appropriated Programmed CIP Funding			Future Funding
				FY 2019	FY 2020	FY 2021	
28,250,000	18,250,000	0	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**

MAP NOT APPLICABLE	Project Activities	From - To	Amount
	Design	07/11 - 06/17	200,000
	Construction	07/12 - 06/21	28,050,000
	Total Budgetary Cost Estimate:		<u>28,250,000</u>
	Means of Financing		
Funding Source		Amount	
Public Utilities General Obligation Bonds		27,250,000	
Transfer from Public Utilities Fund		1,000,000	
Total Programmed Funding:		<u>28,250,000</u>	
Future Funding Requirements:		0	

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
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

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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**

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

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
8,285,616	4,985,616	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 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**

VARIOUS LOCATIONS CITYWIDE	Project Activities			From - To	Amount	
	Project Management			07/04 - 06/19	2,200,000	
	Construction			07/06 - 06/21	6,085,616	
	Total Budgetary Cost Estimate:					<u>8,285,616</u>
	Means of Financing					
	Funding Source				Amount	
	Sale of Timber				120,000	
	Public Utilities General Obligation Bonds				5,865,616	
	Transfer from Public Utilities Fund				2,300,000	
Total Programmed Funding:					<u>8,285,616</u>	
Future Funding Requirements:					0	

**City of Portsmouth
Fiscal Year 2017 Preliminary 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**
LOS/Concurrency: N/A **Project Need: N/A**

District:
Location: Lake Kilby Water Treatment Facility

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2017	FY 2018	Non-Appropriated Programmed CIP Funding			Future Funding
				FY 2019	FY 2020	FY 2021	
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

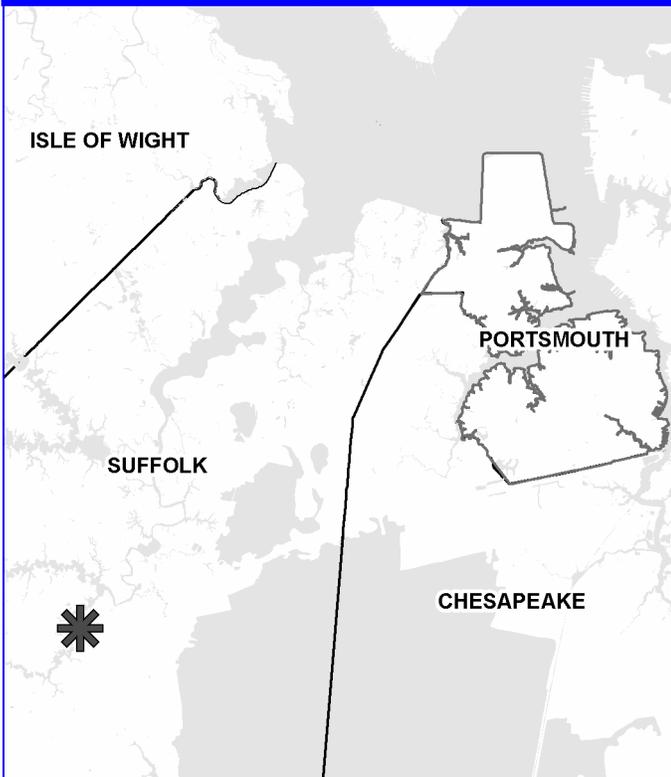
This is an ongoing project that will continue throughout the life of the water plant.

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
Total Budgetary Cost Estimate:		11,893,913

Means of Financing

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

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Water**

Project: 23008 **Title: Water Tank Rehabilitation** **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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
6,500,000	3,500,000	0	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
Total Budgetary Cost Estimate:		<u>6,500,000</u>
Means of Financing		
Funding Source	Amount	
Transfer from Public Utilities Fund	6,500,000	
Total Programmed Funding:		<u>6,500,000</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Drainage and Street Improvements**

Project Title	Appropriated	FY 2017	Un-Appropriated Subsequent Years				5 Year	CIP
	To Date	Preliminary	FY 2018	FY 2019	FY 2020	FY 2021	Total	Total
ADA Compliance-Curb Cuts	386,428	-	25,000	25,000	25,000	25,000	100,000	486,428
Bridge Repairs	2,942,625	100,000	75,000	75,000	75,000	75,000	400,000	3,342,625
Churchland Bridge	24,572,697	11,000,000	-	-	-	-	11,000,000	35,572,697
Citywide Systematic FYA Improvements	-	5,000	277,800	-	-	-	282,800	282,800
Drainage Facilities Repair and Lake Management	32,796,632	2,506,346	3,000,000	3,000,000	3,000,000	3,000,000	14,506,346	47,302,978
Dredging of Lakes/Ponds	2,665,721	296,929	362,200	362,200	362,200	362,200	1,745,729	4,411,450
Intersection Imp at Court St @Bart St/Pavillion Dr	-	129,768	990,000	-	-	-	1,119,768	1,119,768
Midtown Corridor	1,200,000	913,170	-	-	-	-	913,170	2,113,170
Primrose/Hatton Street	-	405,000	-	-	-	-	405,000	405,000
Systematic Replacement of Non-MUTCD Compliant Signs	-	-	489,106	-	-	-	489,106	489,106
Traffic Inventory	483,000	100,000	100,000	100,000	100,000	100,000	500,000	983,000
Traffic Signal Improvements	2,100,579	60,000	60,000	60,000	60,000	60,000	300,000	2,400,579
Victory Blvd/Paradise Cr Bridge Replacement	500,000	-	100,000	4,000,000	4,000,000	-	8,100,000	8,600,000
VPDES Permit Compliance	7,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	14,500,000
Total Project Cost	74,647,682	17,016,213	6,979,106	9,122,200	9,122,200	5,122,200	47,361,919	122,009,601
Debt Funding								
Future Bond Issuance	5,391,500	2,718,170	50,000	2,000,000	2,000,000	-	6,768,170	12,159,670
General Obligation Bonds	10,221,131	-	-	-	-	-	-	10,221,131
General Obligation Notes	298,767	-	-	-	-	-	-	298,767
Debt Funding Funding	15,911,398	2,718,170	50,000	2,000,000	2,000,000	-	6,768,170	22,679,568
Education Funding								
State-Other Categorical Aid	12,500,000	9,600,000	50,000	2,000,000	2,000,000	-	13,650,000	26,150,000
Other Funding								
Other - Federal Funding	1,639,650	-	-	-	-	-	-	1,639,650
Project Closeouts-Contingency	1,500,000	-	-	-	-	-	-	1,500,000
Other Funding Funding	3,139,650	-	-	-	-	-	-	3,139,650
State Funding								
State Funding-VDOT	-	134,768	1,756,906	-	-	-	1,891,674	1,891,674
Transfers								
Transfer from General Fund	747,781	260,000	260,000	260,000	260,000	260,000	1,300,000	2,047,781
Transfer from Stormwater Fund	42,348,853	4,303,275	4,862,200	4,862,200	4,862,200	4,862,200	23,752,075	66,100,928
Transfers Funding	43,096,634	4,563,275	5,122,200	5,122,200	5,122,200	5,122,200	25,052,075	68,148,709
Total Funding	74,647,682	17,016,213	6,979,106	9,122,200	9,122,200	5,122,200	47,361,919	122,009,601

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
486,428	386,428	0	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>VARIOUS LOCATIONS CITYWIDE</p>	Project Activities		From - To	Amount
	Project Management		07/05 - 06/20	486,428
	Total Budgetary Cost Estimate:			<u>486,428</u>
	Means of Financing			
	Funding Source			Amount
	General Obligation Bonds			321,308
Transfer from General Fund			165,120	
Total Programmed Funding:			<u>486,428</u>	
Future Funding Requirements:			<u>0</u>	

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	FY 2018	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2019	FY 2020	FY 2021	
3,342,625	2,942,625	100,000	75,000	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 bridges.

Funding Strategy

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Project Map | **Schedule of Activities**

<p>VARIOUS LOCATIONS CITYWIDE</p>	<p>Project Activities From - To Amount</p>
	<p>Project Management 07/05 - 06/21 3,342,625</p>
	<p>Total Budgetary Cost Estimate: 3,342,625</p>
	<p>Means of Financing</p>
	<p>Funding Source Amount</p>
	<p>General Obligation Bonds 2,540,314</p> <p>Transfer from General Fund 762,661</p> <p>Other - Federal Funding 39,650</p>
	<p>Total Programmed Funding: 3,342,625</p> <p>Future Funding Requirements: 0</p>

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Drainage and Street Improvements**

Project: 10009 **Title: Churchland Bridge** **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 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
35,572,697	24,572,697	11,000,000	0	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.

Project Map	Schedule of Activities															
	<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>Design</td> <td align="center">07/09 - 06/16</td> <td align="right">2,000,000</td> </tr> <tr> <td>Construction</td> <td align="center">07/08 - 06/17</td> <td align="right">33,572,697</td> </tr> <tr> <td align="right" colspan="2">Total Budgetary Cost Estimate:</td> <td align="right">35,572,697</td> </tr> </tbody> </table>	Project Activities	From - To	Amount	Design	07/09 - 06/16	2,000,000	Construction	07/08 - 06/17	33,572,697	Total Budgetary Cost Estimate:		35,572,697			
	Project Activities	From - To	Amount													
	Design	07/09 - 06/16	2,000,000													
	Construction	07/08 - 06/17	33,572,697													
Total Budgetary Cost Estimate:		35,572,697														
Means of Financing																
<table border="1"> <thead> <tr> <th align="center">Funding Source</th> <th align="center">Amount</th> </tr> </thead> <tbody> <tr> <td>Project Closeouts-Contingency</td> <td align="right">1,500,000</td> </tr> <tr> <td>General Obligation Bonds</td> <td align="right">5,822,697</td> </tr> <tr> <td>State-Other Categorical Aid</td> <td align="right">21,850,000</td> </tr> <tr> <td>Future Bond Issuance</td> <td align="right">6,400,000</td> </tr> <tr> <td align="right" colspan="2">Total Programmed Funding:</td> <td align="right">35,572,697</td> </tr> <tr> <td align="right" colspan="2">Future Funding Requirements:</td> <td align="right">0</td> </tr> </tbody> </table>	Funding Source	Amount	Project Closeouts-Contingency	1,500,000	General Obligation Bonds	5,822,697	State-Other Categorical Aid	21,850,000	Future Bond Issuance	6,400,000	Total Programmed Funding:		35,572,697	Future Funding Requirements:		0
Funding Source	Amount															
Project Closeouts-Contingency	1,500,000															
General Obligation Bonds	5,822,697															
State-Other Categorical Aid	21,850,000															
Future Bond Issuance	6,400,000															
Total Programmed Funding:		35,572,697														
Future Funding Requirements:		0														

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Drainage and Street Improvements**

Project: 00080 | **Title: Citywide Systematic FYA Improvements** | **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 2017	FY 2018	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2019	FY 2020	FY 2021	
282,800	0	5,000	277,800	0	0	0	0

Description and Scope

The FYA Conversion project will provide systemic improvements for protected left-turn phasing to reduce crashes citywide.

Rationale

Funding Strategy

Project Map | **Schedule of Activities**

Project Activities	From - To	Amount
Total Budgetary Cost Estimate:		<u>282,800</u>
Means of Financing		
Funding Source	Amount	
State Funding-VDOT	282,800	
Total Programmed Funding:		<u>282,800</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
47,302,978	32,796,632	2,506,346	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**

VARIOUS LOCATIONS CITYWIDE	Project Activities		From - To	Amount
	Project Management		07/06 - 06/21	47,302,978
	Total Budgetary Cost Estimate:			47,302,978
	Means of Financing			
	Funding Source			Amount
	General Obligation Bonds			13,500
Transfer from Stormwater Fund			47,189,478	
Other - Federal Funding			100,000	
Total Programmed Funding:			47,302,978	
Future Funding Requirements:			0	

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
4,411,450	2,665,721	296,929	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**

<p>VARIOUS LOCATIONS CITYWIDE</p>	Project Activities		From - To	Amount
	Project Management		07/07 - 01/21	4,411,450
	Total Budgetary Cost Estimate:			<u>4,411,450</u>
	Means of Financing			
	Funding Source			Amount
	Transfer from Stormwater Fund			4,411,450
Total Programmed Funding:			<u>4,411,450</u>	
Future Funding Requirements:			0	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Drainage and Street Improvements**

Project: 00082 | **Title: Intersection Imp at Court St @Bart St/Pavillion Dr** | **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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
1,119,768	0	129,768	990,000	0	0	0	0

Description and Scope

The intersection improvements at Court Street bundles two adjacent intersections which are currently controlled by a single controller. Safety improvements include providing controller upgrades and individual controllers for each intersection, signal upgrades, turning movement restrictions and ADA/pedestrian upgrades. These improvements will reduce crashes and make these intersections more walkable within this multimodal corridor.

Rationale

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Total Budgetary Cost Estimate:		<u>1,119,768</u>
Means of Financing		
Funding Source	Amount	
State Funding-VDOT	1,119,768	
Total Programmed Funding:		<u>1,119,768</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Drainage and Street Improvements**

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

Programmed Funding							
Programmed Funding	Appropriated To Date	Budgeted FY 2017	FY 2018	Non-Appropriated Programmed CIP Funding FY 2019	FY 2020	FY 2021	Future Funding
2,113,170	1,200,000	913,170	0	0	0	0	0

Description and Scope

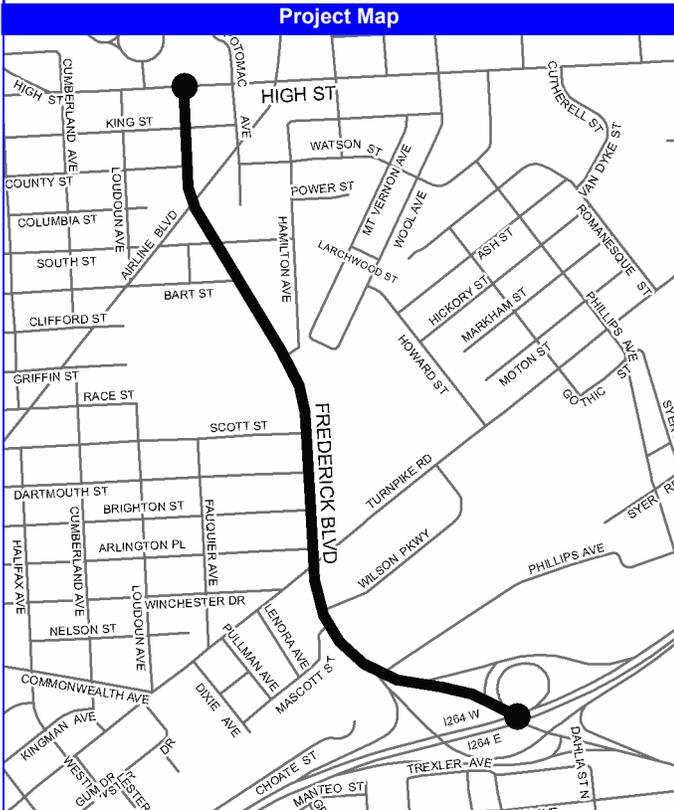
The Midtown corridor project will provide funding for street and drainage improvements on Turnpike Road from Constitution and Dixie. The original bids for the Turnpike Road project come in significantly over the VDOT estimate. VDOT performed some additional analysis and engineering. The project was re-bid 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 \$913,170 match is needed for FY2017.



Schedule of Activities		
Project Activities	From - To	Amount
Project Management	07/06 - 06/17	2,113,170
Total Budgetary Cost Estimate:		2,113,170
Means of Financing		
Funding Source	Amount	
General Obligation Bonds	1,200,000	
Future Bond Issuance	913,170	
Total Programmed Funding:		2,113,170
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Drainage and Street Improvements**

Project: 00079 **Title: Primrose/Hatton 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
405,000	0	405,000	0	0	0	0	0

Description and Scope

This project eliminates cul-de-sacs that abut London Boulevard. Hatton Street and Primrose Street will subsequently be connected to London Boulevard providing better vehicular circulation for this developing corridor.

Rationale

Connecting these streets is consistent with the Uptown D2 District plan and the Master Transportation Plan.

Funding Strategy

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Project Map **Schedule of Activities**

	Project Activities		From - To	Amount
	Project Management		07/16 - 06/18	405,000
	Total Budgetary Cost Estimate:			<u>405,000</u>
	Means of Financing			
	Funding Source			Amount
Future Bond Issuance			405,000	
Total Programmed Funding:			<u>405,000</u>	
Future Funding Requirements:			0	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Drainage and Street Improvements**

Project: 00083 **Title: Systematic Replacement of Non-MUTCD Compliant Signs** **Status: Proposed**

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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
489,106	0	0	489,106	0	0	0	0

Description and Scope

The systemic replacement of non-MUTCD compliant signs will bring signs into compliance with MUTCD reflectively requirements. Meeting these requirements will increase driver awareness of regulatory and warning signs and reduce crashes citywide.

Rationale

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Total Budgetary Cost Estimate:		<u>489,106</u>
Means of Financing		
Funding Source	Amount	
State Funding-VDOT	489,106	
Total Programmed Funding:		<u>489,106</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
983,000	483,000	100,000	100,000	100,000	100,000	100,000	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

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

Project Map | **Schedule of Activities**

NO MAP REQUIRED	Project Activities		From - To	Amount
	Project Management		01/10 - 06/17	64,500
	Construction		01/10 - 06/21	918,500
	Total Budgetary Cost Estimate:			<u>983,000</u>
	Means of Financing			
	Funding Source		Amount	
	General Obligation Bonds		141,500	
	Transfer from General Fund		700,000	
	Future Bond Issuance		141,500	
Total Programmed Funding:			<u>983,000</u>	
Future Funding Requirements:			<u>0</u>	

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
2,400,579	2,100,579	60,000	60,000	60,000	60,000	60,000	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>VARIOUS LOCATIONS CITYWIDE</p>	Project Activities		From - To	Amount
	Project Management		07/05 - 06/21	2,400,579
	Total Budgetary Cost Estimate:			<u>2,400,579</u>
	Means of Financing			
	Funding Source			Amount
	General Obligation Bonds			181,812
General Obligation Notes			298,767	
Transfer from General Fund			420,000	
Other - Federal Funding			1,500,000	
Total Programmed Funding:			<u>2,400,579</u>	
Future Funding Requirements:			<u>0</u>	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Drainage and Street Improvements**

Project: 10015 | **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 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
8,600,000	500,000	0	100,000	4,000,000	4,000,000	0	0

Description and Scope

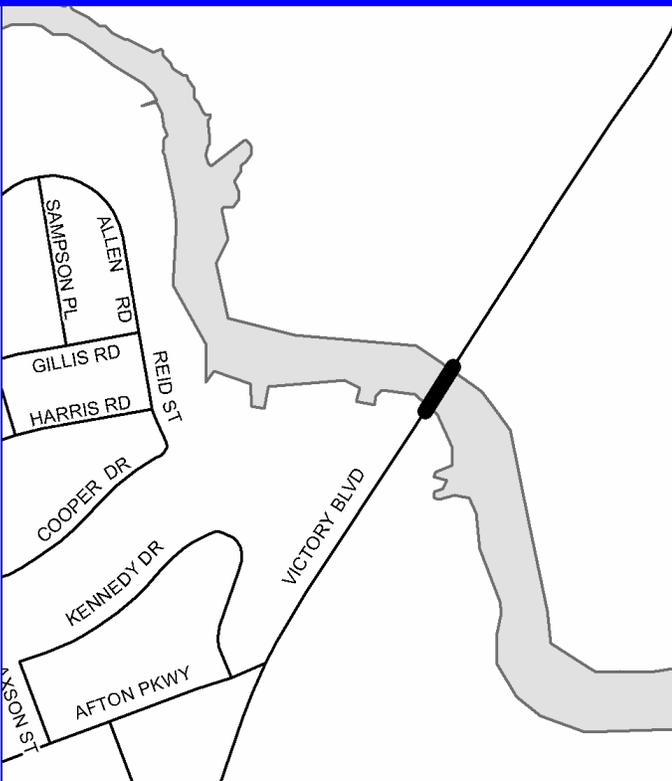
This bridge originally built in 1949, carries Victory Blvd over Paradise Creek and serves as a main entrance to the Norfolk Naval Shipyard. It is also one of our oldest of five bridges in Portsmouth. These funds identified in future years will start the programming for its eventual and necessary replacement.

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 - 06/20	8,600,000
Total Budgetary Cost Estimate:		8,600,000
Means of Financing		
Funding Source	Amount	
State-Other Categorical Aid	4,300,000	
Future Bond Issuance	4,300,000	
Total Programmed Funding:		8,600,000
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
14,500,000	7,000,000	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	Project Activities	From - To	Amount
	Project Management	07/08 - 06/21	14,500,000
	Total Budgetary Cost Estimate:		<u>14,500,000</u>
	Means of Financing		
	Funding Source		Amount
	Transfer from Stormwater Fund		14,500,000
Total Programmed Funding:		<u>14,500,000</u>	
Future Funding Requirements:		<u>0</u>	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Education**

Project Title	Appropriated	FY 2017	Un-Appropriated Subsequent Years				5 Year	CIP
	To Date	Preliminary	FY 2018	FY 2019	FY 2020	FY 2021	Total	Total
Brighton ES Roof Replacement	-	78,000	895,000	-	-	-	973,000	973,000
Churchland High HVAC	162,009	800,000	2,500,000	2,500,000	2,500,000	2,500,000	10,800,000	10,962,009
Churchland Middle Gym Bleachers	-	75,000	-	-	-	-	75,000	75,000
IRC Data Center HVAC and UPS Project	-	300,000	-	-	-	-	300,000	300,000
MT Hermon Preschool Roof Replacement	-	69,000	863,000	-	-	-	932,000	932,000
Mt Hermon Rooftop HVAC Units Replacement	-	250,000	-	-	-	-	250,000	250,000
School Bus Fleet Replacement	2,956,082	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	7,956,082
Transfer to General Fund	2,240,000	510,000	-	-	-	-	510,000	2,750,000
Waters Middle School Bleachers	-	75,000	-	-	-	-	75,000	75,000
Westhaven Elementary Roof	1,031,807	-	-	-	-	-	-	1,031,807
Woodrow Wilson High School Roof	90,516	1,419,000	1,889,000	-	-	-	3,308,000	3,398,516
Total Project Cost	6,480,414	4,576,000	7,147,000	3,500,000	3,500,000	3,500,000	22,223,000	28,703,414
Debt Funding								
Future Bond Issuance	929,132	2,366,000	6,147,000	2,500,000	2,500,000	2,500,000	16,013,000	16,942,132
Education Funding								
Transfers from Schools(Capital Reserve Simonsdale School)	2,240,000	510,000	-	-	-	-	510,000	2,750,000
Transfers								
Transfer from General Fund	3,311,282	1,700,000	1,000,000	1,000,000	1,000,000	1,000,000	5,700,000	9,011,282
Total Funding	6,480,414	4,576,000	7,147,000	3,500,000	3,500,000	3,500,000	22,223,000	28,703,414

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Education**

Project: 00084 **Title: Brighton ES Roof 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 2017	FY 2018	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2019	FY 2020	FY 2021	
973,000	0	78,000	895,000	0	0	0	0

Description and Scope

Brighton ES was constructed in 2004 and the roof is 39,000sf. The roof consists of a PVC membrane that had a 10 yr. warranty and an Architectural Asphalt Shingle section with a 2 year labor warranty on installation. The current roof at Brighton ES has failed and is in need of immediate repair. The membrane covers approximately 9000 sqft and there is approximately 30,000sf of asphalt shingles. Water intrusion has compromised the roof decking on significant portions of the roof and there have been continuous leaks inside the facility.

Rationale

Funding Strategy

Project Map **Schedule of Activities**

Project Activities	From - To	Amount
Total Budgetary Cost Estimate:		<u>973,000</u>
Means of Financing		
Funding Source	Amount	
Future Bond Issuance	973,000	
Total Programmed Funding:		<u>973,000</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Education**

Project: 90015 **Title: Churchland High HVAC** **Status: Active Project**

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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
10,962,009	162,009	800,000	2,500,000	2,500,000	2,500,000	2,500,000	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 - 06/21	10,800,000
Total Budgetary Cost Estimate:		10,962,009
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	162,009	
Future Bond Issuance	10,800,000	
Total Programmed Funding:		10,962,009
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Education**

Project: 00088 **Title: Churchland Middle Gym Bleachers** **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 2017	FY 2018	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2019	FY 2020	FY 2021	
75,000	0	75,000	0	0	0	0	0

Description and Scope

Bleachers have reached the end of their useful life. Replacement needed for safety reasons.

Rationale

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Total Budgetary Cost Estimate:		<u>75,000</u>
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	75,000	
Total Programmed Funding:		<u>75,000</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Education**

Project: 00085 | **Title: IRC Data Center HVAC and UPS Project** | **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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
300,000	0	300,000	0	0	0	0	0

Description and Scope

Currently the environmental controls (HVAC) in the Portsmouth Public Schools data center are intended to serve a commercial building or school. The system is intended to cool classrooms and office space, it is not redundant, and not intended to facilitate the cooling of an enterprise data center. The current system is inefficient in achieving the required temperature levels needed and therefore is over-taxed and in danger of malfunction. The current UPS (Uninterruptible Power Supply) is nearly 10 years old and in need of replacement. In most cases these two items (HVAC and UPS) are two parts of a larger unified system and it's best to include both in a project such as this.

Rationale

Funding Strategy

Project Map | **Schedule of Activities**

Project Activities	From - To	Amount
	Project Management	07/16 - 06/17
Total Budgetary Cost Estimate:		<u>300,000</u>
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	300,000	
Total Programmed Funding:		<u>300,000</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Education**

Project: 00087	Title: MT Hermon Preschool Roof Replacement	Status: Proposed
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Comprehensive Plan Information	Project Location
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CIE Project: N/A Plan Reference: LOS/Concurrency: N/A Project Need: N/A	District: Location:
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Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
932,000	0	69,000	863,000	0	0	0	0

Description and Scope

The current roof at MT Hermon is a 36,000sf single ply membrane roof that was installed in 1992/1993. The roof had a 10 year warranty that expired in 2003. The roof has exceeded its expected lifecycle and is in need of replacement. The building has been experiencing water intrusion due to the numerous penetrations due to damage from weather and human traffic. The new roof should be a single ply PVC Type membrane with tapered insulation that is mechanically fastened.

Rationale

Funding Strategy

Project Map	Schedule of Activities
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	Project Activities	From - To	Amount
		Construction	07/16 - 06/18
	Total Budgetary Cost Estimate:		<u>932,000</u>
Means of Financing			
	Funding Source		Amount
	Future Bond Issuance		932,000
	Total Programmed Funding:		<u>932,000</u>
	Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Education**

Project: 00086 **Title: Mt Hermon Rooftop HVAC Units 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
250,000	0	250,000	0	0	0	0	0

Description and Scope

There are currently 21 Roof Top Units (RTU) that are servicing the school. These units were installed in 2002 and are currently reaching 15 years of service. These units should be replaced in conjunction with the installation of a new roofing system. The HVAC Systems manufactured today are more efficient now than these units are and will allow us to move forward with factory unit curb installations matching up the new units with the new roof system. This will eliminate the need for unit by unit replacement, modifications to existing curbs and increasing the chances for moisture intrusion in these areas.

Rationale

Funding Strategy

Project Map **Schedule of Activities**

Project Activities	From - To	Amount
Total Budgetary Cost Estimate:		<u>250,000</u>
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	250,000	
Total Programmed Funding:		<u>250,000</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Education**

Project: 23713 **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 2017	FY 2018	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2019	FY 2020	FY 2021	
7,956,082	2,956,082	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

(This area is currently blank for funding strategy details.)

Project Map

Schedule of Activities

Project Activities	From - To	Amount
		7,956,082
Project Management	07/13 - 06/21	7,956,082
Total Budgetary Cost Estimate:		<u>7,956,082</u>
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	7,956,082	
Total Programmed Funding:		<u>7,956,082</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
2,750,000	2,240,000	510,000	0	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
		2,750,000
Total Budgetary Cost Estimate:		<u>2,750,000</u>
Means of Financing		
Funding Source	Amount	
Transfers from Schools(Capital Reserve Simonsdale School	2,750,000	
Total Programmed Funding:		<u>2,750,000</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Education**

Project: 00089 | **Title: Waters Middle School Bleachers** | **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 2017	FY 2018	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2019	FY 2020	FY 2021	
75,000	0	75,000	0	0	0	0	0

Description and Scope

Bleachers have reached the end of their useful life. Replacement needed for safety reasons.

Rationale

Funding Strategy

Project Map | **Schedule of Activities**

	Project Activities	From - To	Amount
		Project Management	07/16 - 06/17
	Total Budgetary Cost Estimate:		75,000
Means of Financing			
	Funding Source		Amount
	Transfer from General Fund		75,000
	Total Programmed Funding:		75,000
	Future Funding Requirements:		0

**City of Portsmouth
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**Capital Improvements
Education**

Project: 90215 | **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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
1,031,807	1,031,807	0	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

The City will pursue QZAB or Literary Loans to take advantage of lower interest rate opportunities.

Project Map | **Schedule of Activities**

Project Activities	From - To	Amount
Construction	07/15 - 06/19	971,807
Total Budgetary Cost Estimate:		1,031,807
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	102,675	
Future Bond Issuance	929,132	
Total Programmed Funding:		1,031,807
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Education**

Project: 90515 | **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 2017	FY 2018	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2019	FY 2020	FY 2021	
3,398,516	90,516	1,419,000	1,889,000	0	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	3,308,000
Total Budgetary Cost Estimate:		3,398,516
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	90,516	
Future Bond Issuance	3,308,000	
Total Programmed Funding:		3,398,516
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Industrial and Economic Development**

<u>Project Title</u>	Appropriated	FY 2017	<i>Un-Appropriated Subsequent Years</i>				5 Year	CIP
	To Date	Preliminary	FY 2018	FY 2019	FY 2020	FY 2021	Total	Total
Lincoln Park Redevelopment	-	350,000	350,000	350,000	350,000	-	1,400,000	1,400,000
Total Project Cost	-	350,000	350,000	350,000	350,000	-	1,400,000	1,400,000
<u>Debt Funding</u>								
Future Bond Issuance	-	350,000	350,000	350,000	350,000	-	1,400,000	1,400,000
Total Funding	-	350,000	350,000	350,000	350,000	-	1,400,000	1,400,000

**City of Portsmouth
Fiscal Year 2017 Preliminary 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:**
LOS/Concurrency: N/A **Project Need: N/A**

District:
Location:

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2017	FY 2018	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2019	FY 2020	FY 2021	
1,400,000	0	350,000	350,000	350,000	350,000	0	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
		1,400,000
Project Management	07/16 - 06/20	1,400,000
Total Budgetary Cost Estimate:		<u>1,400,000</u>
Means of Financing		
Funding Source	Amount	
Future Bond Issuance	1,400,000	
Total Programmed Funding:		<u>1,400,000</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Leisure Services**

<u>Project Title</u>	Appropriated	FY 2017	<i>Un-Appropriated Subsequent Years</i>				5 Year	CIP
	To Date	Preliminary	FY 2018	FY 2019	FY 2020	FY 2021	Total	Total
Outdoor Recreation Facility Repair / Replacement	1,495,285	-	250,000	250,000	250,000	250,000	1,000,000	2,495,285
Total Project Cost	<u>1,495,285</u>	<u>-</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>1,000,000</u>	<u>2,495,285</u>
Debt Funding								
General Obligation Bonds	1,188,215	-	-	-	-	-	-	1,188,215
Transfers								
Transfer from General Fund	307,070	-	250,000	250,000	250,000	250,000	1,000,000	1,307,070
Total Funding	<u>1,495,285</u>	<u>-</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>1,000,000</u>	<u>2,495,285</u>

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Leisure Services**

Project: 15007 | **Title: Outdoor Recreation Facility Repair / Replacement** | **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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
2,495,285	1,495,285	0	250,000	250,000	250,000	250,000	0

Description and Scope

This project provides funding to replace/renovate outdoor athletic amenities such as fencing, drainage, court surfacing, field renovation and tennis court renovation.

Rationale

This project will continue to replace the City's aging outdoor athletic and recreation facilities. Replacement of fencing will enhance the appearance of the facilities and fields, make them safer and more conducive for participants and reduce potential liability. In addition, the City should demolish old athletic lighting systems that are no longer in use.

Funding Strategy

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

Project Map

Schedule of Activities

VARIOUS LOCATIONS CITYWIDE	Project Activities		From - To	Amount
	Construction		01/06 - 06/21	2,495,285
	Total Budgetary Cost Estimate:			<u>2,495,285</u>
	Means of Financing			
	Funding Source			Amount
General Obligation Bonds			1,188,215	
Transfer from General Fund			1,307,070	
Total Programmed Funding:			<u>2,495,285</u>	
Future Funding Requirements:			0	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Municipal Facilities**

<u>Project Title</u>	Appropriated	FY 2017	Un-Appropriated Subsequent Years				5 Year	CIP
	To Date	Preliminary	FY 2018	FY 2019	FY 2020	FY 2021	Total	Total
801 Water Street	4,039,871	750,000	750,000	-	-	-	1,500,000	5,539,871
ADA Compliance-Municipal Facilities	784,485	25,000	25,000	25,000	25,000	25,000	125,000	909,485
DSS Building	115,000	50,000	125,000	125,000	100,000	50,000	450,000	565,000
DSS Telephone System Replacement	-	300,000	-	-	-	-	300,000	300,000
Effingham Fire Station Repairs	-	250,000	-	-	-	-	250,000	250,000
Harbor Center Pavilion-Facility Upgrades	383,571	60,000	35,000	35,000	35,000	35,000	200,000	583,571
HazMat Program	2,533,943	85,000	85,000	85,000	75,000	75,000	405,000	2,938,943
Landfill Scales	-	200,000	-	-	-	-	200,000	200,000
Permitting System Replacement	-	-	750,000	750,000	-	-	1,500,000	1,500,000
Public Safety New Radio System	11,000,000	-	-	-	-	-	-	11,000,000
Renovations to Various Buildings	3,510,699	315,000	225,000	225,000	225,000	225,000	1,215,000	4,725,699
Repair of Seawall	1,181,158	75,000	75,000	50,000	50,000	50,000	300,000	1,481,158
Replacement of HVAC	2,036,052	50,000	100,000	100,000	100,000	100,000	450,000	2,486,052
Revenue System-Treasurer/Commissioner of Revenue	567,917	568,000	-	-	-	-	568,000	1,135,917
Roof Replacement	2,931,968	100,000	100,000	100,000	100,000	100,000	500,000	3,431,968
Seawall Reinforcement	10,610,421	5,000,000	5,000,000	-	5,000,000	-	15,000,000	25,610,421
Total Project Cost	39,695,085	7,828,000	7,270,000	1,495,000	5,710,000	660,000	22,963,000	62,658,085
Debt Funding								
Future Bond Issuance	12,500,000	5,750,000	5,750,000	-	5,000,000	-	16,500,000	29,000,000
General Obligation Bonds	17,925,872	-	-	-	-	-	-	17,925,872
Debt Funding Funding	30,425,872	5,750,000	5,750,000	-	5,000,000	-	16,500,000	46,925,872
Education Funding								
State-Other Categorical Aid	73,600	224,000	80,000	80,000	64,000	32,000	480,000	553,600
Other Funding								
Harbor Center Pavilion Ticket Sales	383,571	35,000	35,000	35,000	35,000	35,000	175,000	558,571
Other - Federal Funding	122,000	-	-	-	-	-	-	122,000
Other Funding Funding	505,571	35,000	35,000	35,000	35,000	35,000	175,000	680,571
Transfers								
Transfer from General Fund	8,690,042	1,619,000	1,405,000	1,380,000	611,000	593,000	5,608,000	14,298,042
Transfer from Waste Mgmt Fund to CIP	-	200,000	-	-	-	-	200,000	200,000
Transfers Funding	8,690,042	1,819,000	1,405,000	1,380,000	611,000	593,000	5,808,000	14,498,042
Total Funding	39,695,085	7,828,000	7,270,000	1,495,000	5,710,000	660,000	22,963,000	62,658,085

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Municipal Facilities**

Project: 14415 **Title: 801 Water Street** **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 2017	FY 2018	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2019	FY 2020	FY 2021	
5,539,871	4,039,871	750,000	750,000	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 office build out and construction .

Rationale

Funding Strategy

Project Map

Schedule of Activities

	Project Activities	From - To	Amount
		Project Management	07/15 - 06/18
	Total Budgetary Cost Estimate:		<u>5,539,871</u>
Means of Financing			
	Funding Source	Amount	
	General Obligation Bonds	325,000	
	Transfer from General Fund	3,714,871	
	Future Bond Issuance	1,500,000	
	Total Programmed Funding:		<u>5,539,871</u>
	Future Funding Requirements:		0

**City of Portsmouth
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**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 2017	FY 2018	<i>Non-Appropriated Programmed CIP Funding</i>			Future Funding
				FY 2019	FY 2020	FY 2021	
909,485	784,485	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

**MAP NOT
APPLICABLE**

Project Activities	From - To	Amount
Project Management	07/06 - 06/15	425,000
Construction	07/06 - 06/21	484,485
Total Budgetary Cost Estimate:		909,485

Means of Financing

Funding Source	Amount	
General Obligation Bonds	734,485	
Transfer from General Fund	175,000	
Total Programmed Funding:		909,485
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Municipal Facilities**

Project: 15016 **Title: DSS Building** **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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
565,000	115,000	50,000	125,000	125,000	100,000	50,000	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.

In addition, the cubicles and office furniture in the offices used by Social Services on the first floor has not been replaced since the building opened 15 years ago. Some desks have missing parts and are not stable. Chairs are broken and dirty. The estimated cost is \$84,650.00.

Rationale

The vinyl, carpet and tile on the 2nd floor have not been replaced since the building opened approximately 15 year ago. The vinyl color is faded; adhesive has lost or is losing its ability to secure the tiles to the sub-surface. There is separation between the seams and there are visible stains, drag marks and scratches. The carpet is unraveling, stained, a walking hazard, the color has faded and worn areas are secured by duct tape. Tiles are cracked, chipped, and discolored. The wall paper is discolored and the walls need painting. The estimated cost for replacement is \$155,426.05.

Funding Strategy

Reimbursement from VDSS may be submitted in accordance with state guidelines outlined in Section 3.20 of the Finance Guidelines Manual for the Local Department of Social Services. The useful life of the asset and the depreciation period assigned by the jurisdiction will be included to calculate the annual reimbursable amount.

Project Map

Schedule of Activities

Project Activities	From - To	Amount
Total Budgetary Cost Estimate:		565,000
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	203,400	
State-Other Categorical Aid	361,600	
Total Programmed Funding:		565,000
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
300,000	0	300,000	0	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
Total Budgetary Cost Estimate:		<u>300,000</u>
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	108,000	
State-Other Categorical Aid	192,000	
Total Programmed Funding:		<u>300,000</u>
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Municipal Facilities**

Project: 00081 **Title: Effingham Fire Station Repairs** **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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
250,000	0	250,000	0	0	0	0	0

Description and Scope

This project includes the soil densification and lifting of slabs to correct deficiencies as a result of settlement. Wall repairs and all related work are also included in this project.

Rationale

Funding Strategy

Project Map

Schedule of Activities

Project Activities	From - To	Amount
		250,000
Project Management		250,000
Total Budgetary Cost Estimate:		250,000
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	250,000	
Total Programmed Funding:		250,000
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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:** **District:**
LOS/Concurrency: N/A **Project Need: N/A** **Location: 901 Crawford Street**

Programmed Funding

Programmed Funding	Appropriated To Date	Budgeted FY 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
583,571	383,571	60,000	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

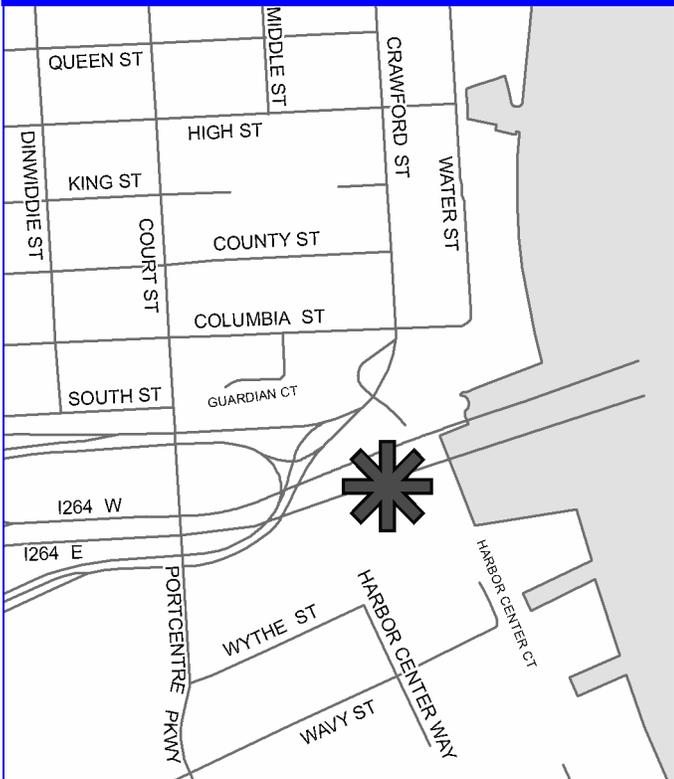
Funding for this project is a \$1.00 per ticket facility charge.

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 - 12/21	583,571
Total Budgetary Cost Estimate:		583,571
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	25,000	
Harbor Center Pavilion Ticket Sales	558,571	
Total Programmed Funding:		583,571
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
2,938,943	2,533,943	85,000	85,000	85,000	75,000	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**

MAP NOT APPLICABLE	Project Activities		From - To	Amount
	Project Management		07/06 - 06/21	2,938,943
	Total Budgetary Cost Estimate:			<u>2,938,943</u>
	Means of Financing			
	Funding Source			Amount
	General Obligation Bonds			2,302,938
Transfer from General Fund			636,005	
Total Programmed Funding:			<u>2,938,943</u>	
Future Funding Requirements:			<u>0</u>	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Municipal Facilities**

Project: 00090 **Title: Landfill Scales** **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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
200,000	0	200,000	0	0	0	0	0

Description and Scope

Replacement scales at Craney Island Landfill.

Rationale

Funding Strategy

Project Map **Schedule of Activities**

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

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Municipal Facilities**

Project: 00074 **Title: Permitting System Replacement** **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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
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, Permits & Inspections, 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
Total Budgetary Cost Estimate:		<u>1,500,000</u>
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	1,500,000	
Total Programmed Funding:		<u>1,500,000</u>
Future Funding Requirements:		0

**City of Portsmouth
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**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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
11,000,000	11,000,000	0	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	Project Activities			From - To	Amount
	Project Management			01/06 - 06/19	11,000,000
	Total Budgetary Cost Estimate:				11,000,000
	Means of Financing				
	Funding Source				Amount
	General Obligation Bonds				3,000,000
Future Bond Issuance				8,000,000	
Total Programmed Funding:				11,000,000	
Future Funding Requirements:				0	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Municipal Facilities**

Project: 17207	Title: Renovations to Various Buildings	Status: Active Project
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Comprehensive Plan Information		Project Location
CIE Project: N/A LOS/Concurrency: N/A	Plan Reference: Project Need: N/A	District: Location: Citywide

Programmed Funding							
Programmed Funding	Appropriated To Date	Budgeted FY 2017	FY 2018	Non-Appropriated Programmed CIP Funding			Future Funding
				FY 2019	FY 2020	FY 2021	
4,725,699	3,510,699	315,000	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	Project Activities	From - To	Amount
	Project Management	07/06 - 06/21	4,725,699
	Total Budgetary Cost Estimate:		4,725,699
	Means of Financing		
	Funding Source	Amount	
	General Obligation Bonds	2,907,987	
	Transfer from General Fund	1,817,712	
	Total Programmed Funding:		4,725,699
	Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
1,481,158	1,181,158	75,000	75,000	50,000	50,000	50,000	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 - 06/21	1,481,158
Total Budgetary Cost Estimate:		1,481,158
Means of Financing		
Funding Source	Amount	
General Obligation Bonds	937,658	
Transfer from General Fund	543,500	
Total Programmed Funding:		1,481,158
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
2,486,052	2,036,052	50,000	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**

Project Activities	From - To	Amount
Project Management	07/07 - 06/19	1,411,406
Construction	07/06 - 06/21	1,074,646
Total Budgetary Cost Estimate:		<u>2,486,052</u>

Means of Financing

Funding Source	Amount	
General Obligation Bonds	1,399,296	
Transfer from General Fund	1,086,756	
Total Programmed Funding:		<u>2,486,052</u>
Future Funding Requirements:		0

**City of Portsmouth
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**Capital Improvements
Municipal Facilities**

Project: 23517 **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 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
1,135,917	567,917	568,000	0	0	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
Total Budgetary Cost Estimate:		<u>1,135,917</u>
Means of Financing		
Funding Source	Amount	
Transfer from General Fund	1,135,917	
Total Programmed Funding:		<u>1,135,917</u>
Future Funding Requirements:		0

**City of Portsmouth
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**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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
3,431,968	2,931,968	100,000	100,000	100,000	100,000	100,000	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	Project Activities		From - To	Amount
	Construction		07/06 - 06/21	3,431,968
	Total Budgetary Cost Estimate:			3,431,968
	Means of Financing			
	Funding Source			Amount
General Obligation Bonds			2,298,508	
Transfer from General Fund			1,011,460	
Other - Federal Funding			122,000	
Total Programmed Funding:			3,431,968	
Future Funding Requirements:			0	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Municipal Facilities**

Project: 18307	Title: Seawall Reinforcement	Status: Active Project
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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: Downtown Portsmouth

Programmed Funding							
Programmed Funding	Appropriated To Date	Budgeted FY 2017	FY 2018	Non-Appropriated Programmed CIP Funding FY 2019	FY 2020	FY 2021	Future Funding
25,610,421	10,610,421	5,000,000	5,000,000	0	5,000,000	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 Admiral's Landing to North Inlet.

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 all phases, except inside the North Inlet.

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									
	<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">07/07 - 06/20</td> <td align="right">25,610,421</td> </tr> <tr> <td align="right" colspan="2">Total Budgetary Cost Estimate:</td> <td align="right">25,610,421</td> </tr> </tbody> </table>	Project Activities	From - To	Amount	Construction	07/07 - 06/20	25,610,421	Total Budgetary Cost Estimate:		25,610,421
	Project Activities	From - To	Amount							
	Construction	07/07 - 06/20	25,610,421							
	Total Budgetary Cost Estimate:		25,610,421							
	Means of Financing									
Funding Source										
		Amount								
General Obligation Bonds		4,020,000								
Transfer from General Fund		2,090,421								
Future Bond Issuance		19,500,000								
Total Programmed Funding:		25,610,421								
Future Funding Requirements:		0								

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Contingency
Parking Authority CIP**

<u>Project Title</u>	Appropriated	FY 2017	<i>Un-Appropriated Subsequent Years</i>				5 Year	CIP
	To Date	Preliminary	FY 2018	FY 2019	FY 2020	FY 2021	Total	Total
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	2,421,271	600,000	-	-	-	-	600,000	3,021,271
Total Project Cost	<u>2,671,271</u>	<u>2,100,000</u>	<u>-</u>	<u>11,250,000</u>	<u>11,250,000</u>	<u>-</u>	<u>24,600,000</u>	<u>27,271,271</u>
Debt Funding								
Future Bond Issuance	250,000	1,500,000	-	11,250,000	11,250,000	-	24,000,000	24,250,000
General Obligation Bonds	1,843,039	-	-	-	-	-	-	1,843,039
Debt Funding Funding	<u>2,093,039</u>	<u>1,500,000</u>	<u>-</u>	<u>11,250,000</u>	<u>11,250,000</u>	<u>-</u>	<u>24,000,000</u>	<u>26,093,039</u>
Transfers								
Transfer from General Fund	428,232	-	-	-	-	-	-	428,232
Transfer from Parking Authority Operating	150,000	600,000	-	-	-	-	600,000	750,000
Transfers Funding	<u>578,232</u>	<u>600,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>600,000</u>	<u>1,178,232</u>
Total Funding	<u>2,671,271</u>	<u>2,100,000</u>	<u>-</u>	<u>11,250,000</u>	<u>11,250,000</u>	<u>-</u>	<u>24,600,000</u>	<u>27,271,271</u>

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Parking Authority CIP**

Project: 23113 | **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 2017	Non-Appropriated Programmed CIP Funding				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
24,250,000	250,000	1,500,000	0	11,250,000	11,250,000	0	0

Description and Scope

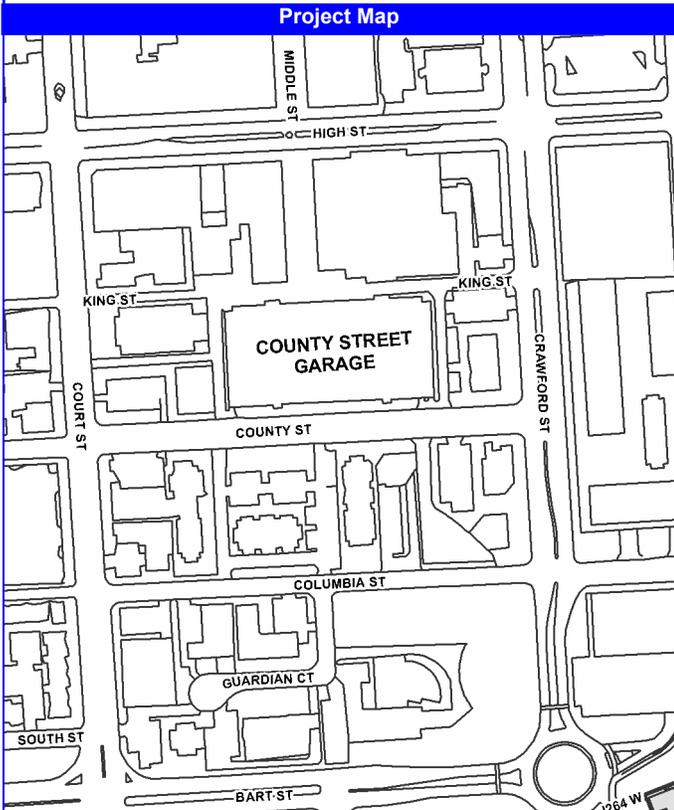
This project provides funding for the replacement of County Street Parking Garage. Current inspections and the immediate need for major structural repairs serve to confirm the necessity to plan for this facility's replacement. To maintain the garage in full operation additional repairs will be necessary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

Rationale

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

Funding Strategy

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.



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
Total Budgetary Cost Estimate:		24,250,000
Means of Financing		
Funding Source		Amount
Future Bond Issuance		24,250,000
Total Programmed Funding:		24,250,000
Future Funding Requirements:		0

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
3,021,271	2,421,271	600,000	0	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 floor repairs in the Central Garage and the Police Station basement 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

Operating Budget Impacts

Maintaining the garages properly prevents escalating maintenance costs.

Project Map **Schedule of Activities**

MAP NOT APPLICABLE	Project Activities	From - To	Amount
	Project Management	07/06 - 06/17	3,021,271
	Total Budgetary Cost Estimate:		<u>3,021,271</u>
	Means of Financing		
	Funding Source		Amount
	Transfer from Parking Authority Operating		750,000
General Obligation Bonds		1,843,039	
Transfer from General Fund		428,232	
Total Programmed Funding:		<u>3,021,271</u>	
Future Funding Requirements:		0	

**City of Portsmouth
Fiscal Year 2017 Preliminary Budget**

**Capital Improvements
Fleet Management**

Description of Services Provided

Currently Fleet Management has no active projects.

	Appropriated	FY 2017	Un-Appropriated Subsequent Years				5 Year	CIP
	To Date	Preliminary	FY 2018	FY 2019	FY 2020	FY 2021	Total	Total
<u>Project Title</u>								
City Garage Fleet	983,908	3,690,771	4,250,000	4,250,000	4,250,000	2,200,000	18,640,771	19,624,679
Total Project Cost	<u>983,908</u>	<u>3,690,771</u>	<u>4,250,000</u>	<u>4,250,000</u>	<u>4,250,000</u>	<u>2,200,000</u>	<u>18,640,771</u>	<u>19,624,679</u>
<u>Debt Funding</u>								
Future Bond Issuance	-	3,690,771	4,250,000	4,250,000	4,250,000	2,200,000	18,640,771	18,640,771
<u>Transfers</u>								
Transfer From Garage Fund	983,908	-	-	-	-	-	-	983,908
Total Funding	<u>983,908</u>	<u>3,690,771</u>	<u>4,250,000</u>	<u>4,250,000</u>	<u>4,250,000</u>	<u>2,200,000</u>	<u>18,640,771</u>	<u>19,624,679</u>

**City of Portsmouth
Fiscal Year 2017 Preliminary 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 2017	<i>Non-Appropriated Programmed CIP Funding</i>				Future Funding
			FY 2018	FY 2019	FY 2020	FY 2021	
19,624,679	983,908	3,690,771	4,250,000	4,250,000	4,250,000	2,200,000	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. Short-term financing will enable the City to catch up on the backlog of replacement vehicles to take advantage of low interest rates and reduce operational repair costs.

Project Map | **Schedule of Activities**

NO MAP REQUIRED	Project Activities	From - To	Amount
	Vehicle Leasing	01/15 - 06/21	19,624,679
	Total Budgetary Cost Estimate:		<u>19,624,679</u>
	Means of Financing		
	Funding Source		Amount
	Transfer From Garage Fund		983,908
Future Bond Issuance		18,640,771	
Total Programmed Funding:		<u>19,624,679</u>	
Future Funding Requirements:		<u>0</u>	

Capital Improvements