

Capital Improvement Plan Summary

Overview

The City Council adopts a five-year Capital Improvement Plan (CIP) for which funds are appropriated for the first year. The remaining four years of the CIP serve as a planning guide for public facilities and infrastructure. However, the CIP may be revised by City Council if significant events change resources or priorities.

The CIP is developed concurrently with the Operating Budget and is reviewed and approved by City Council during the same time frame as the Operating Budget. (The Operating and Capital Budget Calendar is included in the Overview section earlier in this document.) As with the Operating Budget, the process for the CIP preparation begins with the City's Five - Year Forecast in the fall of each year. Through the Five -Year Forecast, the City estimates the resources available and the anticipated expenditures for the Operating Budget as well as the funding available to support debt service for existing debt and new CIP projects. The Operating Budget includes appropriations for the payment of the debt service and any additional funding for operating costs from completed CIP projects. However, the CIP is produced as a separate document and appropriated under a separate ordinance.

The Capital Budget Summary provides an overview of Capital Improvement Budget (CIB) projects and the impact of the CIB on the Operating Budget. The Debt Service section shows the level of funding budgeted for debt service, the City's level of indebtedness, and the Debt Management Policies. Specific CIB project detail is contained in the CIB document. The CIB process, its relationship to the Operating Budget, and CIB policies is discussed in the Overview section at the beginning of the Operating Budget document.

Summary of CIB Resources and Capital Project

The following three tables summarize the five years of estimated resources and requirements included as part of the CIB. The resources and requirements listed under FY 2011-12 will be included as part of the Capital Budget Ordinance for expenditure. **The Summary of Estimated Chesapeake Resources and Requirements** table lists all of the resources funding the Capital Budget as well as the total level of funding, by category of expenditure, provided in the Capital Budget. The **Estimated Cost Requirements** table lists the specific projects by category included in the CIB. The **Allocation of Chesapeake Resources** table indicates how each project will be financed.

Capital Improvement Plan - Impact on the Operating Budget

Overview

The Capital Improvement Budget (CIB) impacts the Operating Budget in two primary ways.

First, the Operating Budget provides for the on-going costs to operate and maintain the capital projects upon completion. The table in the following sub-section lists the CIB projects to be completed in FY 2011-12, the original estimate of the operating impact as included in the CIB, and the actual amount of additional funding that is provided in the FY 2011-12 Operating Budget.

Second, the Operating Budget provides for the annual payments on the debt used to finance the construction of projects in the CIB. The level of debt service and its impact on the Operating Budget is discussed under Current Debt Obligations.

Impact on Current Operating Budget - Capital Projects Opening in FY 2011-12

The following table lists the approved projects from prior year CIB and for FY 2011-12 scheduled to be completed in FY 2011-12. The table also lists the estimated amount of the Operating Budgeted impact that was originally included in the CIB authorizing the project and the actual amount of additional funding provided in the FY 2011-12 Operating Budget for operation. The original estimate of the Operating Budget impact may differ from the actual amount funded because either the estimated costs are revised, or the departments are absorbing the additional costs within existing resources.

<u>Project #</u>	<u>Project Title</u>	<u>Estimated Impact Included in CIB</u>	<u>Additional Funding in FY 2011-12</u>
20-12	SoNo TIF - Library Replacement	\$58,768	\$251,247
05-16	Disaster Recovery Backup Radio System	\$4,560	\$0
14-14	Jail Energy Retrofit Project	\$200,000	\$0
37-14	Animal Services Facility	\$175,000	\$152,643
Total – All Projects		\$438,328	\$403,890

The funding for the South Norfolk Library includes an additional three full time staff members as well as, funding for books and materials. The funding for the Animal Control building includes funding for new staff members, as well as, housekeeping staff, materials, electricity, and other operating supplies.

Impact on Future Operating Budget Costs

The CIB includes an estimated Operating Budget impact for each capital project for five years as well as an overall summary of the estimated impact over the five - year period. Additional information on the estimated Operating Budget impacts over the five – year period of the CIB is included in the CIB document.

During the development of the Five-Year Forecast, the Budget Office includes the estimated Operating Budget impacts for the future years. For additional information please refer to the Overview section earlier in this document.

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016
SUMMARY OF ESTIMATED CHESAPEAKE RESOURCES AND REQUIREMENTS

Exhibit A

REQUIREMENTS	Resource Requirements by Fiscal Year						Previously Appropriated	TOTAL RESOURCES
	2011-12	2012-13	2013-14	2014-15	2015-16	Total for 5 Years		
Funds Previously Appropriated	0	0	0	0	0	0	139,498,549	139,498,549
Borrowing Authority - Greenbrier TIF	7,800,000	9,420,391	0	0	8,030,610	25,251,001		25,251,001
Borrowing Authority - Schools (VPSA)	9,934,800	0	0	11,208,400	0	21,143,200		21,143,200
Borrowing Authority - South Norfolk TIF	0	0	0	0	16,000,000	16,000,000		16,000,000
Borrowing Authority - Unissued	38,034,535	11,239,674	4,804,931	6,438,000	0	60,517,140		60,517,140
Chesapeake Expressway Renewal and Replacement Fund	3,000,000	0	0	0	0	3,000,000		3,000,000
General Fund Balance Designated for Capital Projects	5,146,425	0	0	0	0	5,146,425		5,146,425
General Fund Balance Designated for School Capital Projects	10,750,000	0	0	1,500,000	0	12,250,000		12,250,000
General Fund Chesapeake Public Schools	50,000	0	0	0	0	50,000		50,000
General Fund Operating Transfer	1,250,000	1,539,100	1,050,000	1,050,000	1,050,000	5,939,100		5,939,100
Greenbrier TIF - Cash	2,614,917	5,000,000	0	523,041	0	8,137,958		8,137,958
Proffers	770,883	0	0	0	0	770,883		770,883
Public Utilities - Borrowing Authority Revenue Supported	11,853,705	12,266,715	14,206,673	6,347,524	11,657,793	56,332,410		56,332,410
Public Utilities Fund Balance	3,595,000	6,286,957	5,198,123	3,220,000	4,644,997	22,945,077		22,945,077
Redirects from Other Projects	311,899	0	605,069	0	0	916,968		916,968
Revenue Bonds - Transportation (backed by toll revenue)	308,056,800	0	0	36,002,400	0	344,059,200		344,059,200
South Norfolk TIF - Cash	500,000	0	0	0	0	500,000		500,000
Stormwater Management Fees	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	30,000,000		30,000,000
VDOT Reimbursement	51,405,800	50,000	0	0	0	51,455,800		51,455,800
TOTAL ESTIMATED RESOURCES	461,074,764	51,802,837	31,864,796	72,289,365	47,383,400	664,415,162	139,498,549	803,913,711

REQUIREMENTS	Resource Requirements by Fiscal Year						Previously Appropriated	TOTAL RESOURCES
	2011-12	2012-13	2013-14	2014-15	2015-16	Total for 5 Years		
Community Facilities	14,413,418	7,025,000	7,025,000	7,025,000	7,025,000	42,513,418	9,068,296	51,581,714
Economic Development / Planning	14,314,917	14,420,391	0	523,041	24,030,610	53,288,959	47,902,848	101,191,807
Information Technology	951,300	5,290,774	4,800,000	0	0	11,042,074	3,500,000	14,542,074
Parks and Recreation	357,024	0	0	0	0	357,024	700,375	1,057,399
Public Safety	32,417,000	6,438,000	610,000	6,438,000	0	45,903,000	6,800,000	52,703,000
Transportation	362,487,600	75,000	25,000	36,027,400	25,000	398,640,000	47,630,000	446,270,000
Public Utilities	15,448,705	18,553,672	19,404,796	9,567,524	16,302,790	79,277,487	23,897,030	103,174,517
Education	20,684,800	0	0	12,708,400	0	33,393,200	0	33,393,200
TOTAL ESTIMATED REQUIREMENTS	461,074,764	51,802,837	31,864,796	72,289,365	47,383,400	664,415,162	139,498,549	803,913,711

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

ESTIMATED COST REQUIREMENTS

Exhibit B

Fund Source	Proj #	Project Name	Resource Requirements by Fiscal Year					Total for 5 Years	Previously Appropriated	Total Resources	Future Requirements
			2011-12	2012-13	2013-14	2014-15	2015-16				
Community Facilities											
GF	02-12	Facilities - High Priority Renewal/Replacement-II	800,000	0	0	0	0	800,000	2,800,000	3,600,000	0
GF	02-15	Facilities - High Priority Renewal/Replacement-III	0	800,000	800,000	800,000	800,000	3,200,000	0	3,200,000	0
Proffers	08-14	Facilities - Library Renewal/Replacement	390,418	0	0	0	0	390,418	171,195	561,613	0
BA	01-16	Mosquito Control Facilities Relocation	3,828,000	0	0	0	0	3,828,000	0	3,828,000	0
Redirect/GF	61-12	Municipal Parking Lots & Sidewalks	200,000	0	0	0	0	200,000	600,000	800,000	0
GF	04-15	Municipal Parking Lots & Sidewalks II	0	200,000	200,000	200,000	200,000	800,000	0	800,000	0
BA	02-16	Solid Waste Facilities Relocation	2,170,000	0	0	0	0	2,170,000	0	2,170,000	0
GF	10-12	South Norfolk Community Development	25,000	0	0	0	0	25,000	75,000	100,000	0
GF	05-15	South Norfolk Community Development II	0	25,000	25,000	25,000	25,000	100,000	0	100,000	0
GF	28-16	Voting Equipment Replacement Project	1,000,000	0	0	0	0	1,000,000	0	1,000,000	0
SWMF	73-12	BMP Restoration Citywide	200,000	300,000	400,000	400,000	400,000	1,700,000	200,000	1,900,000	0
SWMF	02-13	Chesapeake Dr. Drainage Improvements	0	800,000	0	0	0	800,000	0	800,000	0
SWMF	03-16	City Wide Outfall Re-grading & Restoration	200,000	200,000	200,000	200,000	200,000	1,000,000	0	1,000,000	0
SWMF	68-12	City Wide Undesignated Drainage - II	760,000	0	0	0	0	760,000	722,101	1,482,101	0
SWMF	07-15	City Wide Undesignated Drainage - III	0	500,000	765,000	500,000	800,000	2,565,000	0	2,565,000	0
SWMF	72-12	Colony Manor Outfall Improvements	0	0	415,000	0	0	415,000	0	415,000	0
SWMF	04-10	Cooper's Ditch Dredging	0	2,000,000	0	0	0	2,000,000	0	2,000,000	0
SWMF	04-13	D Street Drainage Improvements	0	0	370,000	0	0	370,000	0	370,000	0
SWMF	07-13	Lamberts Trail Area Drainage Improvements	1,100,000	0	0	0	0	1,100,000	1,000,000	2,100,000	0
SWMF	05-12	Neighborhood Drainage Improvements	500,000	0	0	0	0	500,000	2,300,000	2,800,000	0
SWMF	08-15	Neighborhood Drainage Improvements II	0	500,000	500,000	500,000	500,000	2,000,000	0	2,000,000	0
SWMF	09-15	Oakdale Area BMP & Drainage Improvements	0	0	0	0	500,000	500,000	0	500,000	0
SWMF	09-13	Prince Edwards Drive Outfall Improvements	0	0	600,000	0	0	600,000	0	600,000	0
SWMF	10-13	Royce Drive Drainage Improvements	0	0	550,000	0	0	550,000	0	550,000	0
SWMF	77-12	Shillelagh Road Drainage Outfall Improvements	0	0	0	0	200,000	200,000	0	200,000	2,000,000
SWMF	11-13	Shorewood Area Drainage Improvements	540,000	0	0	0	0	540,000	0	540,000	0
SWMF	06-12	Stormwater Inventory Mapping & Master Drain Plan II	200,000	200,000	200,000	0	0	600,000	400,000	1,000,000	0
SWMF	10-15	Stormwater Inventory Mapping & Master Drain Plan III	0	0	0	200,000	200,000	400,000	0	400,000	0
SWMF	05-14	Stormwater Quality Program (VPDES Permit Compliance)	2,500,000	1,500,000	2,000,000	0	0	6,000,000	800,000	6,800,000	0
SWMF	11-15	Stormwater Quality Program II (VPDES Permit Compliance II)	0	0	0	2,000,000	2,000,000	4,000,000	0	4,000,000	0
SWMF	13-13	Sunray Outfall Re-Grading	0	0	0	0	1,200,000	1,200,000	0	1,200,000	0
SWMF	80-12	Washington Manor Drainage Outfall Improvements	0	0	0	2,200,000	0	2,200,000	0	2,200,000	0
Subtotal - Community Facilities/Drainage			14,413,418	7,025,000	7,025,000	7,025,000	7,025,000	42,513,418	9,068,296	51,581,714	2,000,000

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

ESTIMATED COST REQUIREMENTS

Exhibit B

Fund Source	Proj #	Project Name	Resource Requirements by Fiscal Year					Total for 5 Years	Previously Appropriated	Total Resources	Future Requirements
			2011-12	2012-13	2013-14	2014-15	2015-16				
Economic Development											
GF	62-12	Commerce Park	1,500,000	0	0	0	0	1,500,000	2,975,000	4,475,000	0
GTIF	14-10	GB TIF - Conference Center District	1,114,917	0	0	0	0	1,114,917	1,131,952	2,246,869	0
GTIF	13-12	GB TIF - Greenbrier Center District	0	0	0	523,041	8,030,610	8,553,651	8,018,428	16,572,079	0
GTIF	18-12	GB TIF - Municipal District Improvements including Park and Activity Center	0	14,420,391	0	0	0	14,420,391	28,876,547	43,296,938	0
GTIF	18-13	GB TIF - Woodlake Drive Extension	9,300,000	0	0	0	0	9,300,000	1,615,970	10,915,970	0
SNTIF	20-12	SoNo TIF - Library Replacement	500,000	0	0	0	0	500,000	5,284,951	5,784,951	0
SNTIF	21-12	SoNo TIF - Village Center Improvements	0	0	0	0	16,000,000	16,000,000	0	16,000,000	0
GF	04-16	Western Branch Property Acquisition	1,900,000	0	0	0	0	1,900,000	0	1,900,000	0
Subtotal - Economic Development / Planning			14,314,917	14,420,391	0	523,041	24,030,610	53,288,959	47,902,848	101,191,807	0
Information Technology											
Other	05-16	Disaster Recovery Backup Radio System (Tower Rental)	101,300	0	0	0	0	101,300	0	101,300	0
GF	27-16	Enterprise Financials PeopleSoft Upgrade	600,000	0	0	0	0	600,000	0	600,000	0
GF/CPS	06-16	Enterprise Kronos Upgrade	100,000	0	0	0	0	100,000	0	100,000	0
GF	15-13	Enterprise Wide Technology Improvements-II	150,000	200,000	0	0	0	350,000	0	350,000	0
GF	07-16	FCC Narrowbanding Compliance	0	289,100	0	0	0	289,100	0	289,100	0
GF	28-15	Mainframe Modernization	0	0	0	0	0	0	3,500,000	3,500,000	0
BA/Lease	08-16	Project 25 Radio System	0	4,801,674	4,800,000	0	0	9,601,674	0	9,601,674	0
Subtotal - Information Technology			951,300	5,290,774	4,800,000	0	0	11,042,074	3,500,000	14,542,074	0
Parks and Recreation											
PRF	30-15	Cascade Boulevard Park - Field Lighting	0	0	0	0	0	0	205,000	205,000	0
SNTIF/PRF Grant	31-15	Conversion of South Norfolk Armory to a Community Park	0	0	0	0	0	0	495,375	495,375	0
PRF/GF/Redirects	09-16	General Improvements to Community Centers and Parks	357,024	0	0	0	0	357,024	0	357,024	0
Subtotal - Parks and Recreation			357,024	0	0	0	0	357,024	700,375	1,057,399	0
Public Safety											
BA	10-16	Combined Fire Station #7/Police Precinct #6	0	0	610,000	6,438,000	0	7,048,000	0	7,048,000	0
CP/GF	33-15	Computer-Aided Dispatch System	0	0	0	0	0	0	750,000	750,000	0
Proffers/BA	11-16	Fire Department Logistics Support Center	632,000	0	0	0	0	632,000	0	632,000	0
BA	07-11	Fire Station #10 - Design and Construction	735,000	6,438,000	0	0	0	7,173,000	0	7,173,000	0
BA/Grant/Redirect	39-14	Public Safety EOC/EDC/Back-up Network Ops Center	31,050,000	0	0	0	0	31,050,000	5,750,000	36,800,000	0
Lock Box - City	97-12	Public Safety Training Center Study	0	0	0	0	0	0	300,000	300,000	0
Subtotal - Public Safety			32,417,000	6,438,000	610,000	6,438,000	0	45,903,000	6,800,000	52,703,000	0

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

ESTIMATED COST REQUIREMENTS

Exhibit B

Fund Source	Proj #	Project Name	Resource Requirements by Fiscal Year					Total for 5 Years	Previously Appropriated	Total Resources	Future Requirements
			2011-12	2012-13	2013-14	2014-15	2015-16				
Transportation											
RRF	26-16	Chesapeake Expressway Renewals	3,000,000	0	0	0	0	3,000,000	0	3,000,000	0
VDOT	03-12	Grade Crossing Safety Program - II	50,000	50,000	0	0	0	100,000	100,000	200,000	0
VDOT	35-10	Portsmouth Boulevard	1,586,000	0	0	0	0	1,586,000	13,632,000	15,218,000	0
GF	04-12	Repair & Maintenance Roads and Bridges	25,000	0	0	0	0	25,000	65,000	90,000	0
GF	17-13	Repair & Maintenance Roads and Bridges -II	0	25,000	25,000	25,000	25,000	100,000	0	100,000	0
VDOT/TRB	23-06	Route17/Steel Bridge (Dominion Blvd)-Design and Construction	357,826,600	0	0	36,002,400	0	393,829,000	33,833,000	427,662,000	0
Subtotal - Transportation			362,487,600	75,000	25,000	36,027,400	25,000	398,640,000	47,630,000	446,270,000	0
Public Utilities											
RRF-BA-RV	21-14	Battlefield/Centerville Water Main Const. - Phase I	0	3,191,957	0	0	0	3,191,957	450,000	3,641,957	0
BA-RV-Con	22-14	Battlefield/Centerville Water Main Const. - Phase II	0	0	0	0	0	0	464,000	464,000	4,163,664
PUF	12-16	Bainbridge Boulevard Elevated Storage Tank Renovation	0	0	0	0	1,074,997	1,074,997	0	1,074,997	0
BADR	43-12	Centerville Turnpike Loop 3	0	3,086,749	0	0	0	3,086,749	0	3,086,749	0
BADR-RR	27-12	Conduct Sanitary Sewer Evaluation	200,000	200,000	500,000	0	0	900,000	8,415,450	9,315,450	0
PUF	20-14	Deep Creek Pump Station Upgrade	0	0	1,878,123	0	0	1,878,123	232,127	2,110,250	0
PUF-RRF	25-13	Generator Replacement Program	75,000	75,000	0	0	0	150,000	225,000	375,000	0
PUF	25-14	Generator Replacement Program - Phase II	0	0	75,000	75,000	75,000	225,000	0	225,000	150,000
BADR	23-14	Great Bridge Boulevard Water Main - Phase I	0	0	0	2,000,000	2,000,000	4,000,000	0	4,000,000	2,000,000
PUF-RRF	50-12	Laboratory Equipment Replacement - Phase I	100,000	0	0	0	0	100,000	113,852	213,852	0
PUF	18-14	Laboratory Equipment Replacement - Phase II	0	0	100,000	0	100,000	200,000	0	200,000	100,000
PUF-RRF	52-12	Lake Gaston WTP Membrane Rep - Phase I	345,000	0	0	0	0	345,000	1,380,000	1,725,000	0
PUF	21-13	Lake Gaston WTP Membrane Rep - Phase II	0	345,000	345,000	345,000	345,000	1,380,000	0	1,380,000	345,000
PUF	18-15	Maintenance & Operations Equipment Replacement	800,000	750,000	600,000	600,000	600,000	3,350,000	0	3,350,000	0
RRF	53-12	Meter Reading Software	0	0	0	0	0	0	1,316,579	1,316,579	10,000,000
PUF	01-09	NW River Membrane Replacement - Phase III	350,000	350,000	0	0	0	700,000	1,100,000	1,800,000	0
PUF	01-14	NW River Membrane Replacement - Phase IV	0	0	350,000	350,000	350,000	1,050,000	0	1,050,000	700,000
PUF	19-15	Pressure Transducer	100,000	0	0	0	0	100,000	0	100,000	0
PUF	69-12	Pump Station and Wet Well Upgrading-Phase III	300,000	0	0	0	0	300,000	750,000	1,050,000	0
PUF	02-14	Pump Station and Wet Well Upgrading-Phase IV	0	300,000	400,000	400,000	400,000	1,500,000	0	1,500,000	400,000
BADR-BA-RR	39-12	Raw Water Transmission Main	3,000,000	3,000,000	3,000,000	0	0	9,000,000	6,000,000	15,000,000	0
BADR	17-14	Red Top Tank and Raw Water Pump Station	0	0	5,796,370	0	0	5,796,370	0	5,796,370	0
BADR	13-16	Sewer Management Operations & Maintenance	0	0	1,000,000	1,000,000	1,500,000	3,500,000	0	3,500,000	13,000,000
PUF-RRF	30-12	Sewer Renewal - Manhole Inserts	75,000	0	0	0	0	75,000	124,963	199,963	0
PUF	03-14	Sewer Renewal - Manhole Inserts Phase II	0	100,000	100,000	100,000	100,000	400,000	0	400,000	100,000
BADR	33-12	Sewer Renewal - SSES Phase II	2,183,742	0	0	0	0	2,183,742	0	2,183,742	0
BADR	23-13	Sewer Renewal - SSES Phase III	0	3,479,966	3,910,303	3,347,524	6,959,559	17,697,352	0	17,697,352	10,557,390
PUF-RRF	31-12	Sewer System Repairs	250,000	0	0	0	0	250,000	1,446,100	1,696,100	0
PUF	04-14	Sewer System Repairs - Phase II	0	250,000	250,000	250,000	250,000	1,000,000	0	1,000,000	250,000
PUF	26-12	Telemetry Upgrade	150,000	150,000	0	0	0	300,000	280,401	580,401	0
PUF	16-14	Telemetry Upgrade - Phase II	0	0	150,000	150,000	150,000	450,000	0	450,000	300,000
BADR	51-12	Unserved Water & Sewer Areas	6,469,963	2,500,000	0	0	0	8,969,963	0	8,969,963	0

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

ESTIMATED COST REQUIREMENTS

Exhibit B

Fund Source	Proj #	Project Name	Resource Requirements by Fiscal Year					Total for 5 Years	Previously Appropriated	Total Resources	Future Requirements
			2011-12	2012-13	2013-14	2014-15	2015-16				
Public Utilities, continued											
PUF-RRF	19-14	Violet Street Pump Station Emergency Generator	300,000	0	0	0	0	300,000	50,000	350,000	0
PUF-RRF	71-12	Water Renewals - Waterline Upgrading	550,000	625,000	0	0	0	1,175,000	855,558	2,030,558	0
PUF	14-16	Water Renewals - Waterline Upgrading Phase II	0	0	750,000	750,000	1,000,000	2,500,000	0	2,500,000	0
PUF-RRF	24-12	Water System Renewal	200,000	0	0	0	0	200,000	693,000	893,000	0
PUF	21-15	Water System Renewal, Phase II	0	150,000	200,000	200,000	200,000	750,000	0	750,000	200,000
BADR	15-16	Waters Road Water Main	0	0	0	0	1,198,234	1,198,234	0	1,198,234	0
RRF	24-14	Western Branch Ground Storage Tank Renovation	0	0	0	0	0	0	0	0	1,074,997
Subtotal - Public Utilities			15,448,705	18,553,672	19,404,796	9,567,524	16,302,790	79,277,487	23,897,030	103,174,517	43,341,051
Education											
LB/VPSA	16-16	Boiler Replacements for Butts Road Primary, Indian River MS, and Western Branch MS	497,000	0	0	0	0	497,000	0	497,000	0
LB/VPSA	17-16	Chiller Replacement at Hickory High School	1,047,800	0	0	0	0	1,047,800	0	1,047,800	0
LB/VPSA	18-16	Deep Creek SECEP Building - renovation of facility	0	0	0	11,916,800	0	11,916,800	0	11,916,800	0
LB/VPSA	19-16	HVAC - Partial System Replacements at 7 schools: Truitt Intermediate, Hickory Elem, Great Bridge MS, Hugo Owens MS, Hickory MS, Cedar Road Elem, and Camelot Elem	5,155,500	0	0	0	0	5,155,500	0	5,155,500	0
LB/VPSA	20-16	HVAC Replacement - Oscar Smith HS	5,706,300	0	0	0	0	5,706,300	0	5,706,300	0
LB/VPSA	21-16	HVAC Replacement - Southwestern Elementary	1,592,000	0	0	0	0	1,592,000	0	1,592,000	0
LB/VPSA	22-16	Repaving - Deep Creek Elementary	166,200	0	0	0	0	166,200	0	166,200	0
LB/VPSA	23-16	Roof Replacements at Southwestern Elem, Butts Road Primary, Sparrow Road Intermediate, Deep Creek SECEP, Western Branch Intermediate (partial), Warehouse and Supply Bldg, and School Plant Bldg	6,075,700	0	0	0	0	6,075,700	0	6,075,700	0
LB/VPSA	24-16	Structural Reinforcement at ESC 4-Room Annex	444,300	0	0	0	0	444,300	0	444,300	0
LB	25-16	Technology Upgrade - Deep Creek, Great Bridge, Hickory, Oscar Smith High Schools	0	0	0	791,600	0	791,600	0	791,600	13,458,800
Subtotal - Education			20,684,800	0	0	12,708,400	0	33,393,200	0	33,393,200	13,458,800
TOTAL COSTS			461,074,764	51,802,837	31,864,796	72,289,365	47,383,400	664,415,162	139,498,549	803,913,711	58,799,851

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016
ALLOCATION OF CHESAPEAKE RESOURCES

Exhibit C

Proj #	PROJECT NAME	Requirements for Fiscal Year					Total for 5 Years
		2011-12	2012-13	2013-14	2014-15	2015-16	
Funding Source: General Fund Operating Transfer							
06-16	Enterprise Kronos Upgrade	50,000	0	0	0	0	50,000
15-13	Enterprise Wide Technology Improvements-II	150,000	200,000	0	0	0	350,000
02-12	Facilities - High Priority Renewal/Replacement-II	800,000	0	0	0	0	800,000
02-15	Facilities - High Priority Renewal/Replacement-III	0	800,000	800,000	800,000	800,000	3,200,000
07-16	FCC Narrowbanding Compliance	0	289,100	0	0	0	289,100
61-12	Municipal Parking Lots & Sidewalks	200,000	0	0	0	0	200,000
04-15	Municipal Parking Lots & Sidewalks-II	0	200,000	200,000	200,000	200,000	800,000
04-12	Repair & Maintenance Roads and Bridges	25,000	0	0	0	0	25,000
17-13	Repair & Maintenance Roads and Bridges -II	0	25,000	25,000	25,000	25,000	100,000
10-12	South Norfolk Community Development	25,000	0	0	0	0	25,000
05-15	South Norfolk Community Development-II	0	25,000	25,000	25,000	25,000	100,000
Total General Fund Operating Transfer		1,250,000	1,539,100	1,050,000	1,050,000	1,050,000	5,939,100
Funding Source: Fund Balances Designated for Capital Projects							
62-12	Commerce Park	1,500,000	0	0	0	0	1,500,000
05-16	Disaster Recovery Backup Radio System (Tower Rental)	101,300	0	0	0	0	101,300
27-16	Enterprise Financials PeopleSoft Upgrade	600,000	0	0	0	0	600,000
09-16	General Improvements to Community Centers and Parks	45,125	0	0	0	0	45,125
28-16	Voting Equipment Replacement Project	1,000,000	0	0	0	0	1,000,000
04-16	Western Branch Property Acquisition	1,900,000	0	0	0	0	1,900,000
Total Fund Balance Designated for Capital Projects		5,146,425	0	0	0	0	5,146,425

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

ALLOCATION OF CHESAPEAKE RESOURCES

Exhibit C

Proj #	PROJECT NAME	Requirements for Fiscal Year					Total for 5 Years
		2011-12	2012-13	2013-14	2014-15	2015-16	
Funding Source: General Fund Balances Designated for Schools							
19-16	HVAC - Partial System Replacements at 7 schools: Truitt Intermediate, Hickory Elem, Great Bridge MS, Hugo Owens MS, Hickory MS, Cedar Road Elem, and Camelot Elem	5,155,500	0	0	0	0	5,155,500
16-16	Boiler Replacements for Butts Road Primary, Indian River MS, and Western Branch MS	497,000	0	0	0	0	497,000
17-16	Chiller Replacement at Hickory High School	1,047,800	0	0	0	0	1,047,800
21-16	HVAC Replacement - Southwestern Elementary	1,592,000	0	0	0	0	1,592,000
23-16	Roof Replacements at Southwestern Elem, Butts Road Primary, Sparrow Road Intermediate, Deep Creek SECEP, Western Branch Intermediate (partial), Warehouse and Supply Bldg, and School Plant Bldg	1,847,200	0	0	0	0	1,847,200
24-16	Structural Reinforcement at ESC 4-Room Annex	444,300	0	0	0	0	444,300
22-16	Repaving - Deep Creek Elementary	166,200	0	0	0	0	166,200
18-16	Deep Creek SECEP Building - renovation of facility	0	0	0	708,400	0	708,400
25-16	Technology Upgrade - Deep Creek, Great Bridge, Hickory, Oscar Smith High Schools	0	0	0	791,600	0	791,600
Total General Fund Balance Designated for Schools		10,750,000	0	0	1,500,000	0	12,250,000
Funding Source: Transfer from Chesapeake Public Schools							
06-16	Enterprise Kronos Upgrade	50,000	0	0	0	0	50,000
Total General Fund Chesapeake Public Schools		50,000	0	0	0	0	50,000
Funding Source: Redirected from Other Projects							
10-16	Combined Fire Station #7/Police Precinct #6	0	0	605,069	0	0	605,069
09-16	General Improvements to Community Centers and Parks	311,899	0	0	0	0	311,899
Total Redirects from Other Projects		311,899	0	605,069	0	0	916,968

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

ALLOCATION OF CHESAPEAKE RESOURCES

Exhibit C

Proj #	PROJECT NAME	Requirements for Fiscal Year					Total for 5 Years
		2011-12	2012-13	2013-14	2014-15	2015-16	
Funding Source: Greenbrier TIF Cash							
14-10	GB TIF - Conference Center District	1,114,917	0	0	0	0	1,114,917
13-12	GB TIF - Greenbrier Center District	0	0	0	523,041	0	523,041
18-12	GB TIF - Municipal District	0	5,000,000	0	0	0	5,000,000
18-13	GB TIF - Woodlake Drive Extension	1,500,000	0	0	0	0	1,500,000
Total Greenbrier TIF - Cash		2,614,917	5,000,000	0	523,041	0	8,137,958
Funding Source: South Norfolk TIF Cash							
20-12	SoNo TIF - Library Replacement	500,000	0	0	0	0	500,000
Total South Norfolk TIF - Cash		500,000	0	0	0	0	500,000
Funding Source: Developer Proffers							
11-16	Fire Department Logistics Support Center	380,465	0	0	0	0	380,465
08-14	Facilities - Library Renewal/Replacement	390,418	0	0	0	0	390,418
Total Developer Proffers		770,883	0	0	0	0	770,883
Funding Source: VDOT Reimbursements							
03-12	Grade Crossing Safety Program-II	50,000	50,000	0	0	0	100,000
35-10	Portsmouth Boulevard	1,586,000	0	0	0	0	1,586,000
23-06	Route17/Steel Bridge (Dominion Blvd)-Design and Construction*	49,769,800	0	0	0	0	49,769,800
* Part or all FY 12 state funding may come from Virginia Transportation Infrastructure Bank requiring repayment from toll proceeds.							
Total VDOT Reimbursement		51,405,800	50,000	0	0	0	51,455,800

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

ALLOCATION OF CHESAPEAKE RESOURCES

Exhibit C

Proj #	PROJECT NAME	Requirements for Fiscal Year					Total for 5 Years
		2011-12	2012-13	2013-14	2014-15	2015-16	
Funding Source: Revenue Bonds - Transportation (backed by toll revenue)							
23-06	Route17/Steel Bridge (Dominion Blvd)-Design and Construction	308,056,800	0	0	36,002,400	0	344,059,200
Total Revenue Bonds - Transportation (backed by toll revenue)		308,056,800	0	0	36,002,400	0	344,059,200
Funding Source: Stormwater Management Fund							
73-12	BMP Restoration Citywide	200,000	300,000	400,000	400,000	400,000	1,700,000
02-13	Chesapeake Dr. Drainage Improvements	0	800,000	0	0	0	800,000
03-16 City Wide Outfall Re-grading & Restoration		200,000	200,000	200,000	200,000	200,000	1,000,000
68-12	City Wide Undesignated Drainage - II	760,000	0	0	0	0	760,000
07-15	City Wide Undesignated Drainage - III	0	500,000	765,000	500,000	800,000	2,565,000
72-12	Colony Manor Outfall Improvements	0	0	415,000	0	0	415,000
04-10	Cooper's Ditch Dredging	0	2,000,000	0	0	0	2,000,000
04-13	D Street Drainage Improvements	0	0	370,000	0	0	370,000
07-13	Lamberts Trail Area Drainage Improvements	1,100,000	0	0	0	0	1,100,000
05-12	Neighborhood Drainage Improvements	500,000	0	0	0	0	500,000
08-15	Neighborhood Drainage Improvements II	0	500,000	500,000	500,000	500,000	2,000,000
09-15	Oakdale Area BMP & Drainage Improvements	0	0	0	0	500,000	500,000
09-13	Prince Edwards Drive Outfall Improvements	0	0	600,000	0	0	600,000
10-13	Royce Drive Drainage Improvements	0	0	550,000	0	0	550,000
77-12	Shillelagh Road Drainage Outfall Improvements	0	0	0	0	200,000	200,000
11-13	Shorewood Area Drainage Improvements	540,000	0	0	0	0	540,000
06-12	Stormwater Inventory Mapping & Master Drain Plan II	200,000	200,000	200,000	0	0	600,000
10-15	Stormwater Inventory Mapping & Master Drain Plan III	0	0	0	200,000	200,000	400,000
05-14	Stormwater Quality Program (VPDES Permit Compliance)	2,500,000	1,500,000	2,000,000	0	0	6,000,000
11-15	Stormwater Quality Program II (VPDES Permit Compliance II)	0	0	0	2,000,000	2,000,000	4,000,000
13-13	Sunray Outfall Re-Grading	0	0	0	0	1,200,000	1,200,000
80-12	Washington Manor Drainage Outfall Improvements	0	0	0	2,200,000	0	2,200,000
Total Stormwater Management Fund		6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	30,000,000

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

ALLOCATION OF CHESAPEAKE RESOURCES

Exhibit C

Proj #	PROJECT NAME	Requirements for Fiscal Year					Total for 5 Years
		2011-12	2012-13	2013-14	2014-15	2015-16	
Funding Source: Public Utilities Borrowing Authority Revenue Supported							
43-12	Centerville Turnpike Loop 3	0	3,086,749	0	0	0	3,086,749
27-12	Conduct Sanitary Sewer Evaluation	200,000	200,000	500,000	0	0	900,000
23-14	Great Bridge Boulevard Water Main - Phase I	0	0	0	2,000,000	2,000,000	4,000,000
39-12	Raw Water Transmission Main	3,000,000	3,000,000	3,000,000	0	0	9,000,000
17-14	Red Top Tank and Raw Water Pump Station	0	0	5,796,370	0	0	5,796,370
13-16	Sewer Management Operations and Maintenance	0	0	1,000,000	1,000,000	1,500,000	3,500,000
33-12	Sewer Renewal - SSES Phase II	2,183,742	0	0	0	0	2,183,742
23-13	Sewer Renewal - SSES Phase III	0	3,479,966	3,910,303	3,347,524	6,959,559	17,697,352
51-12	Unserved Water & Sewer Areas	6,469,963	2,500,000	0	0	0	8,969,963
15-16	Waters Road Water Main	0	0	0	0	1,198,234	1,198,234
Total Public Utilities Borrowing Authority Revenue Supported		11,853,705	12,266,715	14,206,673	6,347,524	11,657,793	56,332,410
Funding Source: Public Utilities Fund Balance							
21-14	Battlefield/Centerville Water Main Const. - Phase I	0	3,191,957	0	0	0	3,191,957
12-16	Bainbridge Boulevard Elevated Storage Tank Renovation	0	0	0	0	1,074,997	1,074,997
20-14	Deep Creek Pump Station Upgrade	0	0	1,878,123	0	0	1,878,123
25-13	Generator Replacement Program	75,000	75,000	0	0	0	150,000
25-14	Generator Replacement Program - Phase II	0	0	75,000	75,000	75,000	225,000
50-12	Laboratory Equipment Replacement - Phase I	100,000	0	0	0	0	100,000
18-14	Laboratory Equipment Replacement - Phase II	0	0	100,000	0	100,000	200,000
52-12	Lake Gaston WTP Membrane Rep - Phase I	345,000	0	0	0	0	345,000
21-13	Lake Gaston WTP Membrane Rep - Phase II	0	345,000	345,000	345,000	345,000	1,380,000
18-15	Maintenance & Operations Equipment Replacement	800,000	750,000	600,000	600,000	600,000	3,350,000
01-09	North West River Membrane Replacement - Phase III	350,000	350,000	0	0	0	700,000
01-14	North West River Membrane Replacement - Phase IV	0	0	350,000	350,000	350,000	1,050,000
19-15	Pressure Transducer	100,000	0	0	0	0	100,000

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

ALLOCATION OF CHESAPEAKE RESOURCES

Exhibit C

Proj #	PROJECT NAME	Requirements for Fiscal Year					Total for 5 Years
		2011-12	2012-13	2013-14	2014-15	2015-16	
Funding Source: Public Utilities Fund Balance, continued							
69-12	Pump Station and Wet Well Upgrading-Phase III	300,000	0	0	0	0	300,000
02-14	Pump Station and Wet Well Upgrading-Phase IV	0	300,000	400,000	400,000	400,000	1,500,000
30-12	Sewer Renewal - Manhole Inserts	75,000	0	0	0	0	75,000
03-14	Sewer Renewal - Manhole Inserts Phase II	0	100,000	100,000	100,000	100,000	400,000
31-12	Sewer System Repairs	250,000	0	0	0	0	250,000
04-14	Sewer System Repairs - Phase II	0	250,000	250,000	250,000	250,000	1,000,000
26-12	Telemetry Upgrade	150,000	150,000	0	0	0	300,000
16-14	Telemetry Upgrade - Phase II	0	0	150,000	150,000	150,000	450,000
19-14	Violet Street Pump Station Emergency Generator	300,000	0	0	0	0	300,000
71-12	Water Renewals - Waterline Upgrading	550,000	625,000	0	0	0	1,175,000
14-16	Water Renewals - Waterline Upgrading Phase II	0	0	750,000	750,000	1,000,000	2,500,000
24-12	Water System Renewal	200,000	0	0	0	0	200,000
21-15	Water System Renewal, Phase II	0	150,000	200,000	200,000	200,000	750,000
Total Public Utilities Fund Balance		3,595,000	6,286,957	5,198,123	3,220,000	4,644,997	22,945,077
Funding Source: Borrowing Authority - Unissued							
10-16	Combined Fire Station #7/Police Precinct #6	0	0	4,931	6,438,000	0	6,442,931
11-16	Fire Department Logistics Support Center	251,535	0	0	0	0	251,535
07-11	Fire Station #10	735,000	6,438,000	0	0	0	7,173,000
01-16	Mosquito Control Facilities Relocation	3,828,000	0	0	0	0	3,828,000
08-16	Project 25 Radio System (Leases)	0	4,801,674	4,800,000	0	0	9,601,674
02-16	Solid Waste Facilities Relocation	2,170,000	0	0	0	0	2,170,000
39-14	Public Safety EOC/EDC/Back-up Network Ops Center	31,050,000	0	0	0	0	31,050,000
Total Borrowing Authority-Unissued		38,034,535	11,239,674	4,804,931	6,438,000	0	60,517,140

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

ALLOCATION OF CHESAPEAKE RESOURCES

Exhibit C

Proj #	PROJECT NAME	Requirements for Fiscal Year					Total for 5 Years
		2011-12	2012-13	2013-14	2014-15	2015-16	
Funding Source: Borrowing Authority backed by Greenbrier TIF							
13-12	GB TIF - Greenbrier Center District	0	0	0	0	8,030,610	8,030,610
18-12	GB TIF - Municipal District Improvements including Park and Activity Center	0	9,420,391	0	0	0	9,420,391
18-13	GB-TIF Woodlake Drive Extension	7,800,000	0	0	0	0	7,800,000
Total Borrowing Authority backed by Greenbrier TIF Revenues		7,800,000	9,420,391	0	0	8,030,610	25,251,001
Funding Source: Borrowing Authority backed by South Norfolk TIF							
21-12	SoNo TIF - Village Center Improvements	0	0	0	0	16,000,000	16,000,000
Total Borrowing Authority backed by South Norfolk TIF Revenue		0	0	0	0	16,000,000	16,000,000
Funding Source: VPSA Borrowing							
18-16	Deep Creek SECEP Building - renovation of facility	0	0	0	11,208,400	0	11,208,400
20-16	HVAC Replacement - Oscar Smith HS	5,706,300	0	0	0	0	5,706,300
23-16	Roof Replacements at Southwestern Elem, Butts Road Primary, Sparrow Road Intermediate, Deep Creek SECEP, Western Branch Intermediate (partial), Warehouse and Supply Bldg, and School Plant Bldg	4,228,500	0	0	0	0	4,228,500
Total VPSA Borrowing		9,934,800	0	0	11,208,400	0	21,143,200
Funding Source: Chesapeake Expressway Renewal and Replacement Fund							
26-16	Chesapeake Expressway Renewals	3,000,000	0	0	0	0	3,000,000
Total Chesapeake Renewal and Replacement Fund		3,000,000	0	0	0	0	3,000,000
TOTAL RESOURCES		461,074,764	51,802,837	31,864,796	72,289,365	47,383,400	664,415,162

APPROVED CAPITAL BUDGET FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2016

COST IMPACT OF CAPITAL PROJECTS COMING ON LINE

Exhibit D

Project Number and Description		Resource Requirements by Fiscal Year					Impact on Operations	Revenue Generated	Net Impact on Operating Budget
		2011-12	2012-13	2013-14	2014-15	2015-16			
<u>Economic Development</u>									
18-12	GB TIF - Municipal District	0	294,209	3,713,435	3,738,086	3,972,928	11,718,658	12,631,875	913,217
20-12	SoNo TIF - Library Replacement	58,768	59,943	61,142	62,976	64,550	307,379	0	(307,379)
Subtotal - Economic Development		58,768	354,152	3,774,577	3,801,062	4,037,478	12,026,037	12,631,875	605,838
<u>Information Technology</u>									
05-16	Disaster Recovery Backup Radio System	4,560	4,560	4,560	4,560	4,560	22,800	0	(22,800)
07-16	FCC Narrowbanding Compliance	0	600	1,200	1,200	1,200	4,200	0	(4,200)
Subtotal - Information Technology		4,560	5,160	5,760	5,760	5,760	27,000	0	(27,000)
<u>Public Safety</u>									
10-16	Combined Fire Station #7/Police Precinct #6	0	0	475,589	951,176	951,176	2,377,941	0	(2,377,941)
11-16	Fire Department Logistics Support Center	0	52,600	52,600	52,600	52,600	210,400	0	(210,400)
07-11	Fire Station #10	0	0	34,400	68,800	68,800	172,000	0	(172,000)
14-14	Jail HVAC/Energy Retrofit	200,000	400,000	400,000	400,000	400,000	1,800,000		(1,800,000)
39-14	Public Safety EOC/EDC/Back-up Network Ops Ctr	0	0	433,400	433,400	433,400	1,300,200	0	(1,300,200)
Subtotal - Public Safety		200,000	452,600	1,395,989	1,905,976	1,905,976	5,860,541	0	(5,860,541)
TOTAL COSTS		263,328	811,912	5,176,326	5,712,798	5,949,214	17,913,578	12,631,875	(5,281,703)

Projects which will have operational costs covered by designated revenues such as utility fees or tolls are not reflected in the above information.