

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				
<b>Community Facilities</b>											
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
<b>BA</b>	<b>01-16</b>	<b>Mosquito Control Facilities Relocation</b>	<b>3,828,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,828,000</b>	<b>0</b>	<b>3,828,000</b>	<b>0</b>
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
<b>BA</b>	<b>02-16</b>	<b>Solid Waste Facilities Relocation</b>	<b>2,170,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,170,000</b>	<b>0</b>	<b>2,170,000</b>	<b>0</b>
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
<b>GF</b>	<b>28-16</b>	<b>Voting Equipment Replacement Project</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>0</b>	<b>1,000,000</b>	<b>0</b>
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
<b>SWMF</b>	<b>03-16</b>	<b>City Wide Outfall Re-grading &amp; Restoration</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>	<b>0</b>	<b>1,000,000</b>	<b>0</b>
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
<b>Subtotal - Community Facilities/Drainage</b>			<b>14,413,418</b>	<b>7,025,000</b>	<b>7,025,000</b>	<b>7,025,000</b>	<b>7,025,000</b>	<b>42,513,418</b>	<b>9,068,296</b>	<b>51,581,714</b>	<b>2,000,000</b>

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			2011-12	2012-13	2013-14	2014-15	2015-16				
<b>Economic Development</b>											
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
<b>Subtotal - Economic Development / Planning</b>			<b>14,314,917</b>	<b>14,420,391</b>	<b>0</b>	<b>523,041</b>	<b>24,030,610</b>	<b>53,288,959</b>	<b>47,902,848</b>	<b>101,191,807</b>	<b>0</b>
<b>Information Technology</b>											
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
<b>Subtotal - Information Technology</b>			<b>951,300</b>	<b>5,290,774</b>	<b>4,800,000</b>	<b>0</b>	<b>0</b>	<b>11,042,074</b>	<b>3,500,000</b>	<b>14,542,074</b>	<b>0</b>
<b>Parks and Recreation</b>											
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
<b>Subtotal - Parks and Recreation</b>			<b>357,024</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>357,024</b>	<b>700,375</b>	<b>1,057,399</b>	<b>0</b>
<b>Public Safety</b>											
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
<b>Subtotal - Public Safety</b>			<b>32,417,000</b>	<b>6,438,000</b>	<b>610,000</b>	<b>6,438,000</b>	<b>0</b>	<b>45,903,000</b>	<b>6,800,000</b>	<b>52,703,000</b>	<b>0</b>

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<b>Transportation</b>											
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
<b>Subtotal - Transportation</b>			<b>362,487,600</b>	<b>75,000</b>	<b>25,000</b>	<b>36,027,400</b>	<b>25,000</b>	<b>398,640,000</b>	<b>47,630,000</b>	<b>446,270,000</b>	<b>0</b>
<b>Public Utilities</b>											
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

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<b>Public Utilities, continued</b>											
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	<b>Water Renewals - Waterline Upgrading Phase II</b>	<b>0</b>	<b>0</b>	<b>750,000</b>	<b>750,000</b>	<b>1,000,000</b>	<b>2,500,000</b>	<b>0</b>	<b>2,500,000</b>	<b>0</b>
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	<b>Waters Road Water Main</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,198,234</b>	<b>1,198,234</b>	<b>0</b>	<b>1,198,234</b>	<b>0</b>
RRF	24-14	Western Branch Ground Storage Tank Renovation	0	0	0	0	0	0	0	0	1,074,997
<b>Subtotal - Public Utilities</b>			<b>15,448,705</b>	<b>18,553,672</b>	<b>19,404,796</b>	<b>9,567,524</b>	<b>16,302,790</b>	<b>79,277,487</b>	<b>23,897,030</b>	<b>103,174,517</b>	<b>43,341,051</b>
<b>Education</b>											
LB/VPASA	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/VPASA	17-16	Chiller Replacement at Hickory High School	1,047,800	0	0	0	0	1,047,800	0	1,047,800	0
LB/VPASA	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/VPASA	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/VPASA	20-16	HVAC Replacement - Oscar Smith HS	5,706,300	0	0	0	0	5,706,300	0	5,706,300	0
LB/VPASA	21-16	HVAC Replacement - Southwestern Elementary	1,592,000	0	0	0	0	1,592,000	0	1,592,000	0
LB/VPASA	22-16	Repaving - Deep Creek Elementary	166,200	0	0	0	0	166,200	0	166,200	0
LB/VPASA	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/VPASA	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
<b>Subtotal - Education</b>			<b>20,684,800</b>	<b>0</b>	<b>0</b>	<b>12,708,400</b>	<b>0</b>	<b>33,393,200</b>	<b>0</b>	<b>33,393,200</b>	<b>13,458,800</b>
<b>TOTAL COSTS</b>			<b>461,074,764</b>	<b>51,802,837</b>	<b>31,864,796</b>	<b>72,289,365</b>	<b>47,383,400</b>	<b>664,415,162</b>	<b>139,498,549</b>	<b>803,913,711</b>	<b>58,799,851</b>