

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2021  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>Cash - GF Transfer</b>										
Athletic Field Improvements	16-190	-	-	-	-	-	-	660,000	-	660,000
Deep Creek AIW Bridge Replacement	08-180	-	-	-	-	-	-	500,000	-	500,000
Elizabeth River Park Fishing Pier	19-191	-	-	-	-	-	-	18,750	-	18,750
Facilities - High Priority Renewal and Replacements - Phase III	02-150	-	-	-	-	-	-	2,400,000	-	2,400,000
Facility Improvements on Recreational Buildings	19-190	-	-	-	-	-	-	581,250	-	581,250
Freeman Ave. Railroad Overpass	09-180	-	-	-	-	-	-	75,000	-	75,000
Library - Technology Upgrade/Replacement Phase II	13-190	-	-	-	-	-	-	205,855	-	205,855
Municipal Parking Lots and Sidewalks II	04-150	-	-	-	-	-	-	600,000	-	600,000
Non-routine Renewal & Replacement Projects - Schools	03-180	-	-	-	-	-	-	1,000,000	-	1,000,000
Park Program Improvements	18-190	-	-	-	-	-	-	555,780	-	555,780
Parking Lot Improvements	21-190	-	-	-	-	-	-	180,000	-	180,000
Security Improvements - Parks & Recreation	24-190	-	-	-	-	-	-	80,000	-	80,000
<b>Cash - GF Transfer Total</b>		-	-	-	-	-	-	<b>6,856,635</b>	-	<b>6,856,635</b>
<b>Cash - Lockbox City</b>										
ADA Door & Restroom Retrofits at Various Facilities - Phase I	21-200	220,000	-	-	-	-	220,000	220,000	-	440,000
ADA Facility Compliance	22-190	75,000	75,000	75,000	75,000	75,000	375,000	150,000	225,000	750,000
Athletic Field Improvements	16-190	380,000	380,000	380,000	380,000	380,000	1,900,000	100,000	1,900,000	3,900,000

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Project Name	Project #	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 Year Total	Previous Funding	Future Requirements	Project Total
Chesapeake Arboretum	17-210	-	-	500,000	500,000	-	1,000,000	-	-	1,000,000
Deep Creek Fire Station #8 - Relocate	27-190	640,464	-	-	-	-	640,464	-	-	640,464
Enterprise KRONOS Upgrade - Phase II	09-170	135,000	-	-	-	135,000	270,000	-	-	270,000
Facilities - High Priority Renewal and Replacements - Phase III	02-150	2,095,000	1,675,000	1,745,000	2,175,000	2,580,000	10,270,000	1,355,000	-	11,625,000
Facility Improvements on Recreational Buildings	19-190	300,000	300,000	300,000	300,000	300,000	1,500,000	-	2,400,000	3,900,000
Fentress Encroachment Protection	10-190	1,600,000	-	-	-	-	1,600,000	1,100,000	-	2,700,000
Fire - Self Contained Breathing Apparatus Replacement	16-200	-	2,046,150	-	-	-	2,046,150	-	-	2,046,150
Fire - Thermal Imaging Cameras	14-200	-	324,000	-	-	-	324,000	-	-	324,000
Fire - Vehicle Replacement	39-200	750,000	-	-	-	-	750,000	-	-	750,000
Library - Automated Materials Handling System	12-190	-	-	-	-	-	-	-	482,800	482,800
Library - Cisco Telepresence Refresh	05-200	-	-	83,160	-	-	83,160	-	-	83,160
Library - Integrated Library System (ILS) Hosting	06-200	-	-	-	175,000	-	175,000	-	-	175,000
Library - Switch/Router Refresh	07-200	-	150,000	-	-	-	150,000	-	-	150,000
Library - Tablet Lending System	08-200	30,000	30,000	-	-	-	60,000	-	-	60,000
Library - Technology Upgrade/Replacement Phase II	13-190	26,590	-	-	-	-	26,590	-	-	26,590
Municipal Parking Lots and Sidewalks II	04-150	-	200,000	200,000	200,000	200,000	800,000	200,000	-	1,000,000
Non-Arterial Street Repaving	07-190	1,000,000	1,000,000	-	-	-	2,000,000	-	-	2,000,000
Park Program Improvements	18-190	300,000	300,000	300,000	300,000	300,000	1,500,000	-	2,400,000	3,900,000

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Parking Lot Improvements	21-190	90,000	90,000	90,000	90,000	90,000	450,000	-	270,000	720,000
Public Works/Public Utilities Operating Facilities Relocation	01-150	-	-	-	-	1,000,000	1,000,000	-	-	1,000,000
Security Improvements - Parks & Recreation	24-190	40,000	40,000	40,000	40,000	40,000	200,000	-	120,000	320,000
Tidewater Community College - Science/Engineering Building	40-200	-	1,500,000	-	-	-	1,500,000	-	-	1,500,000
Western Branch Trail Renovation	13-200	-	600,000	-	-	-	600,000	-	-	600,000
<b>Cash - Lockbox City Total</b>		<b>7,682,054</b>	<b>8,710,150</b>	<b>3,713,160</b>	<b>4,235,000</b>	<b>5,100,000</b>	<b>29,440,364</b>	<b>3,125,000</b>	<b>7,797,800</b>	<b>40,363,164</b>
<b>Cash - Lockbox Schools</b>										
Full Day Kindergarten	05-210	160,000	-	-	-	-	160,000	-	-	160,000
Non-routine Renewal & Replacement Projects - Schools	03-180	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	17,500,000	10,351,093	14,000,000	41,851,093
Oscar Smith High School - Building Addition	06-210	915,900	80,500	-	-	-	996,400	-	-	996,400
School Bus - Replacement	29-190	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	2,000,000	5,000,000	12,000,000
School Technology - Replacement	30-190	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	2,000,000	5,000,000	12,000,000
<b>Cash - Lockbox Schools Total</b>		<b>6,575,900</b>	<b>5,580,500</b>	<b>5,500,000</b>	<b>5,500,000</b>	<b>5,500,000</b>	<b>28,656,400</b>	<b>14,351,093</b>	<b>24,000,000</b>	<b>67,007,493</b>
<b>Cash - Other City Funds</b>										
Ballahack Rd. Boat Ramp Area Improvement Project	43-200	-	-	-	-	-	-	70,758	-	70,758
Fentress Encroachment Protection	10-190	-	-	-	-	-	-	666,133	-	666,133
<b>Cash - Other City Funds Total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>736,891</b>	<b>-</b>	<b>736,891</b>

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Project Name	Project #	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>Cash - South Norfolk TIF</b>										
22nd Street Bridge Replacement	21-120	2,316,247	-	-	-	-	2,316,247	6,049,300	-	8,365,547
22nd Street Commercial Site Preparation (SoNo TIF)	45-200	-	-	-	-	-	-	50,000	-	50,000
<b>Cash - South Norfolk TIF Total</b>		<b>2,316,247</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,316,247</b>	<b>6,099,300</b>	<b>-</b>	<b>8,415,547</b>
<b>Cash - Stormwater</b>										
BMP Restoration Citywide	73-120	300,000	200,000	400,000	300,000	300,000	1,500,000	1,400,000	-	2,900,000
Citywide Outfall Re-Grading and Restoration	03-160	200,000	100,000	150,000	150,000	100,000	700,000	820,000	-	1,520,000
Citywide System Rehab	43-170	400,000	500,000	500,000	500,000	300,000	2,200,000	1,500,000	-	3,700,000
Citywide Undesignated Drainage - Phase III	07-150	50,000	50,000	100,000	100,000	100,000	400,000	506,347	-	906,347
Historical Data Cleanup Grant (DEQ)	05-141	-	-	-	-	-	-	18,500	-	18,500
Liberty St. Drainage System Replacement & Upgrade	34-210	-	-	-	-	1,500,000	1,500,000	-	-	1,500,000
Major Equipment Purchases - PW Stormwater Division	07-180	-	-	-	-	-	-	3,974,000	-	3,974,000
Neighborhood Drainage Improvements - Phase II	08-150	500,000	570,000	650,000	750,000	500,000	2,970,000	1,824,600	-	4,794,600
Oakdale Area BMP and Drainage Improvements	09-150	500,000	1,500,000	2,000,000	1,000,000	-	5,000,000	-	-	5,000,000
Shillelagh Rd. Drainage Outfall Improvements	77-120	1,100,000	-	-	-	-	1,100,000	2,000,000	-	3,100,000
Stormwater Mapping and Master Drainage Plan Phase III	10-150	200,000	100,000	200,000	200,000	200,000	900,000	300,000	-	1,200,000
Stormwater Quality Program - Phase II	11-150	2,000,000	2,000,000	1,500,000	2,500,000	2,500,000	10,500,000	340,565	-	10,840,565
Welch Ln. Drainage Improvements	19-200	-	480,000	-	-	-	480,000	-	-	480,000
Whittamore Rd. Outfall Improvements	20-200	300,000	-	-	-	-	300,000	-	-	300,000
<b>Cash - Stormwater Total</b>		<b>5,550,000</b>	<b>5,500,000</b>	<b>5,500,000</b>	<b>5,500,000</b>	<b>5,500,000</b>	<b>27,550,000</b>	<b>12,684,012</b>	<b>-</b>	<b>40,234,012</b>

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Project Name	Project #	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>Cash - Utilities</b>										
Automated Meter Reading Equipment and Software	53-120	-	-	-	-	4,000,000	4,000,000	1,399,624	8,600,000	13,999,624
Deep Creek Pump Station Upgrade	20-140	-	-	-	-	-	-	232,127	1,878,123	2,110,250
Gravity Sewer Renewal: Bainbridge Blvd. Basin (HRSD Project Area)	16-170	-	-	-	-	-	-	-	5,000,000	5,000,000
Lake Gaston WTP - Membrane Replacement - Phase II	21-130	-	-	-	2,200,000	-	2,200,000	1,758,385	-	3,958,385
Lake Gaston WTP - Miscellaneous Modifications	37-200	620,000	500,000	500,000	500,000	-	2,120,000	1,750,000	-	3,870,000
Military Hwy. - 36" Water Main	38-120	1,323,000	-	-	-	-	1,323,000	254,623	-	1,577,623
Norfolk Highlands Elevated Tank Rehabilitation	28-200	-	-	-	-	-	-	-	925,000	925,000
Northwest River WTP - Membrane Replacement - Phase III	01-090	-	-	-	1,625,000	-	1,625,000	400,000	-	2,025,000
Northwest River WTP - Miscellaneous Modifications	19-130	-	1,000,000	500,000	500,000	-	2,000,000	2,177,445	1,750,000	5,927,445
Northwest River WTP - Replace Bulk Chemical Storage Tanks	30-200	900,000	-	-	-	-	900,000	-	-	900,000
Northwest River WTP - Replace Ground Storage Tank	29-200	-	-	-	-	-	-	-	-	-
Northwest River WTP - Riverbank Filtration System	36-200	-	-	-	-	-	-	-	175,000	175,000
Public Utilities CIS Upgrade	30-210	-	100,000	-	-	-	100,000	-	-	100,000
Raw Water Transmission Main	39-120	-	-	-	-	-	-	15,575,000	-	15,575,000
Sanitary Force Main: Volvo Parkway	31-210	-	-	-	-	-	-	-	400,000	400,000
Sewer and Water Renewal: Elbyrne Dr.	23-170	-	-	2,155,000	-	-	2,155,000	-	-	2,155,000
Sewer Management Operations & Maintenance	13-160	1,000,000	1,000,000	1,500,000	1,500,000	2,000,000	7,000,000	2,000,000	25,000,000	34,000,000
Sewer Pump Station Safety Improvements	35-200	500,000	500,000	500,000	500,000	500,000	2,500,000	500,000	-	3,000,000
Sewer Renewal: Additional Consent Order Capital Requirement	05-180	1,200,000	2,000,000	4,000,000	4,000,000	5,000,000	16,200,000	61,609	-	16,261,609

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Project Name	Project #	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 Year Total	Previous Funding	Future Requirements	Project Total
Sewer Renewal: Liberty St. (500 Block to Collingswood Ave.)	26-170	129,867	-	-	-	-	129,867	-	-	129,867
Sewer Renewal: Raleigh Place (Pump Station #7 Basin)	33-170	-	-	-	600,000	3,800,000	4,400,000	-	-	4,400,000
Sewer Renewal: Westwood Ave. and Redstart Ave.	42-170	1,106,000	-	-	-	-	1,106,000	-	-	1,106,000
Sewer Replacement: Orville Ave. Alleyway (Bainbridge to Seaboard)	31-170	-	1,351,000	-	-	-	1,351,000	-	-	1,351,000
Water & Sewer Pump Station Telemetry Installation and Upgrade	32-210	400,000	-	-	-	-	400,000	-	-	400,000
Water Control Laboratory - Upgrade HVAC	26-200	480,000	-	-	-	-	480,000	-	-	480,000
Water Production Security System Upgrades	31-200	-	-	-	-	-	-	-	200,000	200,000
Water Renewals: Waterline Upgrades - Phase II	14-160	-	-	-	500,000	-	500,000	1,500,000	3,250,000	5,250,000
Water Residuals Disposal	32-200	-	-	320,000	-	-	320,000	-	-	320,000
Water System Planning and Upgrades	33-210	400,000	250,000	250,000	250,000	250,000	1,400,000	-	-	1,400,000
Water Treatment Plant Control System Upgrade	27-200	820,000	-	-	-	-	820,000	-	-	820,000
Western Branch Elevated Tank Rehabilitation	33-200	-	-	-	1,200,000	-	1,200,000	-	-	1,200,000
<b>Cash - Utilities Total</b>		<b>8,878,867</b>	<b>6,701,000</b>	<b>9,725,000</b>	<b>13,375,000</b>	<b>15,550,000</b>	<b>54,229,867</b>	<b>27,608,813</b>	<b>47,178,123</b>	<b>129,016,803</b>
<b>Fund Balance - Capital Projects Fund</b>										
Library - Automated Materials Handling System	12-190	-	-	-	-	-	-	1,192	-	1,192
Open Space and Recreation Funding Projects	47-200	1,150,000	1,000,000	650,000	1,125,000	1,000,000	4,925,000	-	-	4,925,000
Oscar Smith High School - Building Addition	06-210	-	2,488,000	-	-	-	2,488,000	-	-	2,488,000
Right Turn Lane and Signal Modification: Woodlake Dr. at Greenbrier Pkwy.	38-210	300,000	695,000	-	-	-	995,000	-	-	995,000
Social Services Building Restroom Renovation	04-210	100,000	-	-	-	-	100,000	-	-	100,000
<b>Fund Balance - Capital Projects Fund Total</b>		<b>1,550,000</b>	<b>4,183,000</b>	<b>650,000</b>	<b>1,125,000</b>	<b>1,000,000</b>	<b>8,508,000</b>	<b>1,192</b>	<b>-</b>	<b>8,509,192</b>

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<b>Fund Balance - CTS</b>										
Chesapeake Expressway Administration Building Modifications	46-200	-	-	-	-	-	-	350,000	-	350,000
Chesapeake Transportation System Renewals - Phase II	35-210	883,000	1,407,850	90,000	53,700	-	2,434,550	-	8,300,000	10,734,550
<b>Fund Balance - CTS Total</b>		<b>883,000</b>	<b>1,407,850</b>	<b>90,000</b>	<b>53,700</b>	<b>-</b>	<b>2,434,550</b>	<b>350,000</b>	<b>8,300,000</b>	<b>11,084,550</b>
<b>Fund Balance - General Fund</b>										
CAD Interface between Sheriff and Police	07-210	-	606,225	-	-	-	606,225	-	-	606,225
Deep Creek AIW Bridge Replacement	08-180	-	-	-	-	-	-	1,000,000	-	1,000,000
Enterprise Wide Technology III	08-210	-	250,000	-	-	-	250,000	-	-	250,000
Fentress Encroachment Protection	10-190	500,000	-	-	-	-	500,000	2,380,000	-	2,880,000
Fire - Mobile Radio Repeaters	20-210	-	63,485	-	-	-	63,485	-	-	63,485
Fire - NWS Inspections CAD Interface	09-210	-	-	-	-	-	-	-	-	-
Fire - Telestaff Kronos Interface	10-210	-	75,000	-	-	-	75,000	-	-	75,000
Fire - Tri-City Automatic Aid CAD Interface (Regional 911 Dispatch Interface)	11-210	-	-	-	50,000	-	50,000	-	-	50,000
Full Day Kindergarten	05-210	2,370,235	-	-	-	-	2,370,235	-	-	2,370,235
Jail - Data Center	12-210	-	100,000	-	-	-	100,000	-	-	100,000
Jail - Intercom System Digital Conversion	21-210	470,000	-	-	-	-	470,000	-	-	470,000
Jail - Kitchen Equipment Replacement	22-210	76,000	60,000	60,000	-	-	196,000	-	-	196,000
Jail - Laundry Equipment Replacement	23-210	145,000	-	-	-	-	145,000	-	-	145,000
Jail - PLC System Replacement & Upgrade	24-210	377,000	-	-	-	-	377,000	-	-	377,000
Jail - Surveillance System Digital Conversion & Additional Cameras	25-210	75,000	-	647,000	-	-	722,000	-	-	722,000

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Jail and Sheriff HQ - Renewal and Replacements	26-210	370,000	265,000	290,000	270,000	610,000	1,805,000	-	-	1,805,000
Laserfische Upgrade	13-210	-	100,000	-	-	-	100,000	-	-	100,000
Library - Customer Service Desk Replacements	02-210	104,500	39,000	39,000	-	-	182,500	-	-	182,500
Mt. Pleasant Rd. Widening	36-210	800,000	1,500,000	-	-	-	2,300,000	-	-	2,300,000
Mullen Road Connector	13-180	-	-	-	-	-	-	2,000,000	-	2,000,000
Non-Arterial Street Repaving	07-190	3,150,000	-	2,000,000	2,000,000	2,000,000	9,150,000	1,000,000	-	10,150,000
Police - Command Bus Replacement	27-210	303,077	-	-	-	-	303,077	-	-	303,077
Police - Electronic Summons	28-210	-	200,000	-	-	-	200,000	-	-	200,000
Police - Fingerprint Readers	29-210	-	-	100,000	-	-	100,000	-	-	100,000
Repair & Maintenance Roads and Bridges - Phase IV	37-210	460,000	1,500,000	-	-	-	1,960,000	-	-	1,960,000
Rural Roads Safety Improvement Program	41-210	1,000,000	250,000	350,000	450,000	500,000	2,550,000	-	-	2,550,000
Sheriff - Automated Rounds Software	16-210	120,000	-	-	-	-	120,000	-	-	120,000
Traffic Signal and Intersection Improvements: Butts Station Rd. at Centerville Tpke.	39-210	420,000	-	-	-	-	420,000	-	-	420,000
<b>Fund Balance - General Fund Total</b>		<b>10,740,812</b>	<b>5,008,710</b>	<b>3,486,000</b>	<b>2,770,000</b>	<b>3,110,000</b>	<b>25,115,522</b>	<b>6,380,000</b>	-	<b>31,495,522</b>
<b>Fund Balance - IT</b>										
Enterprise KRONOS Upgrade - Phase II	09-170	-	-	-	-	-	-	130,000	-	130,000
Information Technology Help Desk/Service Desk Software Replacement	11-200	71,000	-	-	-	-	71,000	254,043	-	325,043
Replace Existing PBX Telephone System with VoIP	14-210	-	-	835,000	435,000	85,000	1,355,000	-	-	1,355,000
Replacement of Network Equipment	15-210	140,000	140,000	160,000	-	-	440,000	-	-	440,000
<b>Fund Balance - IT Total</b>		<b>211,000</b>	<b>140,000</b>	<b>995,000</b>	<b>435,000</b>	<b>85,000</b>	<b>1,866,000</b>	<b>384,043</b>	-	<b>2,250,043</b>

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<b>Fund Balance - Other Funds</b>										
CIBH - Parking Addition	01-210	350,000	-	-	-	-	350,000	-	-	350,000
Conference Center Renovation	12-200	760,000	780,000	-	-	-	1,540,000	505,000	-	2,045,000
Fire - NWS Inspections CAD Interface	09-210	-	50,000	-	-	-	50,000	-	-	50,000
Master Drainage Improvements II	40-210	1,908,000	-	-	-	-	1,908,000	-	-	1,908,000
Open Space and Recreation Funding Projects	47-200	-	-	-	-	-	-	785,000	-	785,000
Police - Command Bus Replacement	27-210	-	-	-	-	-	-	-	-	-
<b>Fund Balance - Other Funds Total</b>		<b>3,018,000</b>	<b>830,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,848,000</b>	<b>1,290,000</b>	<b>-</b>	<b>5,138,000</b>
<b>Fund Balance - Stormwater</b>										
Major Equipment Purchases - PW Stormwater Division	07-180	700,000	700,000	710,000	755,000	770,000	3,635,000	-	-	3,635,000
<b>Fund Balance - Stormwater Total</b>		<b>700,000</b>	<b>700,000</b>	<b>710,000</b>	<b>755,000</b>	<b>770,000</b>	<b>3,635,000</b>	<b>-</b>	<b>-</b>	<b>3,635,000</b>
<b>G.O. Debt - City</b>										
Deep Creek AIW Bridge Replacement	08-180	-	12,000,000	-	-	-	12,000,000	-	-	12,000,000
Deep Creek Fire Station #8 - Relocate	27-190	-	4,696,739	-	-	-	4,696,739	-	-	4,696,739
Dock Landing Fire Station #11 - Replace	28-190	-	-	640,500	5,750,836	-	6,391,336	-	-	6,391,336
Public Works/Public Utilities Operating Facilities Relocation	01-150	-	-	-	-	13,500,000	13,500,000	9,700,000	-	23,200,000
Solid Waste Facilities Relocation	02-160	-	-	-	-	-	-	2,170,000	3,300,000	5,470,000
Voting Equipment	02-200	-	-	-	-	-	-	-	1,500,000	1,500,000
<b>G.O. Debt - City Total</b>		<b>-</b>	<b>16,696,739</b>	<b>640,500</b>	<b>5,750,836</b>	<b>13,500,000</b>	<b>36,588,075</b>	<b>11,870,000</b>	<b>4,800,000</b>	<b>53,258,075</b>

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2021  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>G.O. Debt - Greenbrier TIF</b>										
Greenbrier Commercial District Improvements	03-170	-	-	-	-	16,000,000	16,000,000	-	-	16,000,000
<b>G.O. Debt - Greenbrier TIF Total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,000,000</b>	<b>16,000,000</b>	<b>-</b>	<b>-</b>	<b>16,000,000</b>
<b>G.O. Debt - Short Term Financing</b>										
Facilities - High Priority Renewal and Replacements - Phase III	02-150	-	500,000	-	-	-	500,000	1,155,000	-	1,655,000
Fire - Thermal Imaging Cameras	14-200	-	-	-	-	-	-	-	-	-
Fire - Vehicle Replacement	39-200	-	750,000	1,500,000	1,500,000	1,500,000	5,250,000	750,000	7,500,000	13,500,000
Library - Automated Materials Handling System	12-190	-	-	-	-	-	-	425,756	-	425,756
<b>G.O. Debt - Short Term Financing Total</b>		<b>-</b>	<b>1,250,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>5,750,000</b>	<b>2,330,756</b>	<b>7,500,000</b>	<b>15,580,756</b>
<b>G.O. Debt - South Norfolk TIF</b>										
22nd Street Bridge Replacement	21-120	6,000,000	-	-	-	-	6,000,000	-	-	6,000,000
<b>G.O. Debt - South Norfolk TIF Total</b>		<b>6,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,000,000</b>	<b>-</b>	<b>-</b>	<b>6,000,000</b>
<b>G.O. Debt - VPSA</b>										
Modernization/Renovation of Schools (to be determined by School Board)	32-190	-	4,725,000	25,275,000	15,000,000	-	45,000,000	-	-	45,000,000
Non-routine Renewal & Replacement Projects - Schools	03-180	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	20,000,000	9,000,000	16,000,000	45,000,000
<b>G.O. Debt - VPSA Total</b>		<b>4,000,000</b>	<b>8,725,000</b>	<b>29,275,000</b>	<b>19,000,000</b>	<b>4,000,000</b>	<b>65,000,000</b>	<b>9,000,000</b>	<b>16,000,000</b>	<b>90,000,000</b>
<b>Grant</b>										
Ballahack Rd. Boat Ramp Area Improvement Project	43-200	-	-	-	-	-	-	289,033	-	289,033
Commonwealth/Seaboard Multi-City Rail Trail (Western Branch Rail to Trail)	18-210	300,000	-	-	-	-	300,000	-	550,000	850,000
Deep Creek AIW Bridge Replacement	08-180	-	22,000,000	-	-	-	22,000,000	-	-	22,000,000

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2021  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 Year Total	Previous Funding	Future Requirements	Project Total
Dismal Swamp Canal Trail - Phase III (Renovation, Restroom, Parking Lot)	19-210	353,791	-	-	-	-	353,791	-	452,000	805,791
Elizabeth River Park Fishing Pier	19-191	-	-	-	-	-	-	56,250	-	56,250
Fentress Encroachment Protection	10-190	2,100,000	-	-	-	-	2,100,000	4,146,133	-	6,246,133
Freeman Ave. Railroad Overpass	09-180	-	-	-	-	-	-	-	25,425,000	25,425,000
Historical Data Cleanup Grant (DEQ)	05-141	-	-	-	-	-	-	25,000	-	25,000
VDOT Primary Ext. Grant - Atlantic Ave. and Airline Blvd. Resurfacing	44-200	-	-	-	-	-	-	1,000,000	-	1,000,000
<b>Grant Total</b>		<b>2,753,791</b>	<b>22,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24,753,791</b>	<b>5,516,416</b>	<b>26,427,000</b>	<b>56,697,207</b>
<b>Proffers</b>										
Library - Russell Memorial Parking Addition	03-210	500,000	-	-	-	-	500,000	-	-	500,000
Oscar Smith High School - Building Addition	06-210	-	3,500,000	-	-	-	3,500,000	-	-	3,500,000
<b>Proffers Total</b>		<b>500,000</b>	<b>3,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,000,000</b>	<b>-</b>	<b>-</b>	<b>4,000,000</b>
<b>Revenue Bonds - Utility Fund</b>										
Centerville Turnpike Loop 3	43-120	-	500,000	7,074,617	-	-	7,574,617	-	-	7,574,617
Force Main Replacement: Dominion Blvd. and I-64	34-200	2,000,000	2,238,700	-	-	-	4,238,700	1,000,000	-	5,238,700
Gravity Sewer Renewal: Bainbridge Blvd. Basin (HRSD Project Area)	16-170	-	-	-	-	-	-	-	-	-
Lake Gaston WTP - Strategic Treatment and Facility Development Plan	38-200	-	-	-	-	-	-	1,000,000	20,000,000	21,000,000
Military Hwy. - 36" Water Main	38-120	-	-	-	-	-	-	2,372,377	-	2,372,377
Northwest River WTP - Miscellaneous Modifications	19-130	-	-	-	-	-	-	4,997,555	-	4,997,555
Northwest River WTP - Replace Bulk Chemical Storage Tanks	30-200	-	-	-	-	-	-	300,000	-	300,000
Northwest River WTP - Replace Ground Storage Tank	29-200	-	-	-	-	2,000,000	2,000,000	-	-	2,000,000

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2021  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 Year Total	Previous Funding	Future Requirements	Project Total
Public Works/Public Utilities Operating Facilities Relocation	01-150	-	-	-	-	8,000,000	8,000,000	4,000,000	-	12,000,000
Raw Water Transmission Main	39-120	-	3,500,000	3,500,000	-	-	7,000,000	-	-	7,000,000
Sewer Management Operations & Maintenance	13-160	-	-	-	-	-	-	-	-	-
Sewer Renewal: Additional Consent Order Capital Requirement	05-180	-	-	-	-	-	-	3,000,000	263,000,000	266,000,000
Sewer Renewal: Liberty St. (500 Block to Collingswood Ave.)	26-170	-	-	-	-	-	-	1,389,259	-	1,389,259
Sewer Renewal: Raleigh Place (Pump Station #7 Basin)	33-170	-	-	-	-	-	-	-	-	-
Sewer Renewal: Westwood Ave. and Redstart Ave.	42-170	-	-	-	-	-	-	-	-	-
Sewer Replacement: Orville Ave. Alleyway (Bainbridge to Seaboard)	31-170	-	-	-	-	-	-	-	-	-
Unserved Areas/Cost Participation - Phase II	25-200	1,483,300	85,500	769,500	-	-	2,338,300	164,900	-	2,503,200
Water Renewals: Waterline Upgrades - Phase II	14-160	-	750,000	1,000,000	500,000	-	2,250,000	-	2,500,000	4,750,000
<b>Revenue Bonds - Utility Fund Total</b>		<b>3,483,300</b>	<b>7,074,200</b>	<b>12,344,117</b>	<b>500,000</b>	<b>10,000,000</b>	<b>33,401,617</b>	<b>18,224,091</b>	<b>285,500,000</b>	<b>337,125,708</b>
<b>VDOT Revenue Share</b>										
22nd Street Bridge Replacement	21-120	3,983,753	-	-	-	-	3,983,753	-	-	3,983,753
Deep Creek AIW Bridge Replacement	08-180	-	10,000,000	-	-	-	10,000,000	-	-	10,000,000
Non-Arterial Street Repaving	07-190	-	-	2,000,000	2,000,000	2,000,000	6,000,000	1,000,000	-	7,000,000
<b>VDOT Revenue Share Total</b>		<b>3,983,753</b>	<b>10,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>19,983,753</b>	<b>1,000,000</b>	<b>-</b>	<b>20,983,753</b>
<b>Total Resources</b>		<b>68,826,724</b>	<b>108,007,149</b>	<b>76,128,777</b>	<b>62,499,536</b>	<b>83,615,000</b>	<b>399,077,186</b>	<b>127,808,241</b>	<b>427,502,923</b>	<b>954,388,350</b>