

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2020  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>Cash - GF Transfer</b>										
Athletic Field Improvements	16-190	280,000	380,000	200,000	-	-	860,000	380,000	-	1,240,000
Commerce Park	62-120	-	-	-	-	-	-	4,959,662	-	4,959,662
Deep Creek AIW Bridge Replacement	08-180	-	-	-	-	-	-	500,000	-	500,000
Enterprise Financials PeopleSoft/PeopleTools Upgrade	06-170	-	-	-	-	-	-	600,000	-	600,000
Enterprise Wide Technology Improvements	07-170	-	-	-	-	-	-	250,000	-	250,000
Facilities - High Priority Renewal and Replacements - Phase III	02-150	-	-	-	-	-	-	2,400,000	-	2,400,000
Facility Improvements on Recreational Buildings	19-190	300,000	300,000	-	-	-	600,000	300,000	-	900,000
Freeman Ave. Railroad Overpass	09-180	-	-	-	-	-	-	75,000	-	75,000
Jail Expansion to Address Overcrowding	04-180	-	-	-	-	-	-	375,000	-	375,000
Library - Technology Upgrade/Replacement Ph. II	13-190	90,000	26,590	-	-	-	116,590	115,855	-	232,445
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	300,000	300,000	-	-	-	600,000	255,780	-	855,780
Parking Lot Improvements	21-190	90,000	-	-	-	-	90,000	90,000	-	180,000
Saint Brides Fire Station #7/Hickory Police Precinct #6 - Combine	10-160	-	-	-	-	-	-	605,069	-	605,069
Security Improvements-Parks & Recreation	24-190	40,000	-	-	-	-	40,000	40,000	-	80,000
<b>Cash - GF Transfer Total</b>		<b>1,100,000</b>	<b>1,006,590</b>	<b>200,000</b>	<b>-</b>	<b>-</b>	<b>2,306,590</b>	<b>12,546,366</b>	<b>-</b>	<b>14,852,956</b>
<b>Cash - Lockbox City</b>										
ADA Door & Restroom Retrofits at Various Facilities - Phase I	21-200	220,000	220,000	-	-	-	440,000	-	-	440,000
ADA Facility Compliance	22-190	75,000	75,000	75,000	75,000	75,000	375,000	75,000	300,000	750,000
Athletic Field Improvements	16-190	100,000	-	180,000	380,000	380,000	1,040,000	-	1,520,000	2,560,000
City Hall 6th Floor Redesign/Expansion for City Attorney & City Manager's Offices	03-200	100,000	-	-	-	-	100,000	-	-	100,000
Commerce Park	62-120	1,500,000	-	-	-	-	1,500,000	-	-	1,500,000
Deep Creek Fire Station #8 - Relocate	27-190	-	640,464	-	-	-	640,464	-	-	640,464
Facilities - High Priority Renewal and Replacements - Phase III	02-150	1,155,000	1,047,500	1,087,500	872,500	1,087,500	5,250,000	200,000	-	5,450,000
Facility Improvements on Recreational Buildings	19-190	-	-	300,000	300,000	-	600,000	-	-	600,000

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2020  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5 Year Total	Previous Funding	Future Requirements	Project Total
Fentress Encroachment Protection	10-190	1,100,000	1,546,133	-	-	-	2,646,133	-	-	2,646,133
Fire Alarm and Public Address System	17-200	150,000	-	-	-	-	150,000	-	-	150,000
Kronos Upgrade	09-170	-	135,000	-	-	-	135,000	-	-	135,000
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 - Virtual Desktop Infrastructure (VDI) Expansion	09-200	272,696	-	-	-	-	272,696	-	-	272,696
Library Automated Materials Handling System	12-190	-	-	-	-	-	-	-	482,800	482,800
Library Bookmobile Replacement	01-200	163,800	-	-	-	-	163,800	-	-	163,800
Municipal Parking Lots and Sidewalks II	04-150	200,000	200,000	200,000	200,000	200,000	1,000,000	-	-	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	-	600,000	-	-	600,000
Parking Lot Improvements	21-190	-	90,000	90,000	90,000	90,000	360,000	-	360,000	720,000
Police Mobile Communication Security	10-200	95,000	-	-	-	-	95,000	-	-	95,000
Precinct Security Camera System Upgrades	18-200	120,000	-	-	-	-	120,000	-	-	120,000
Saint Brides Fire Station #7/Hickory Police Precinct #6 - Combine	10-160	476,560	-	-	-	-	476,560	211,440	-	688,000
Security Improvements-Parks & Recreation	24-190	-	40,000	40,000	40,000	40,000	160,000	-	160,000	320,000
Tidewater Community College - Science/Engineering Building	40-200	-	1,500,000	-	-	-	1,500,000	-	-	1,500,000
Western Branch Trail - Commonwealth/Seaboard	13-200	-	-	600,000	-	-	600,000	-	-	600,000
<b>Cash - Lockbox City Total</b>		<b>5,728,056</b>	<b>6,524,097</b>	<b>4,052,500</b>	<b>2,340,660</b>	<b>2,047,500</b>	<b>20,692,813</b>	<b>486,440</b>	<b>2,822,800</b>	<b>24,002,053</b>
<b>Cash - Lockbox Schools</b>										
Non-routine Renewal & Replacement Projects										
- Schools	03-180	2,750,000	3,500,000	3,500,000	3,500,000	3,500,000	16,750,000	7,601,093	17,500,000	41,851,093
School Bus - Replacement	29-190	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	1,000,000	-	6,000,000
School Technology - Replacement	30-190	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	1,000,000	-	6,000,000
<b>Cash - Lockbox Schools Total</b>		<b>4,750,000</b>	<b>5,500,000</b>	<b>5,500,000</b>	<b>5,500,000</b>	<b>5,500,000</b>	<b>26,750,000</b>	<b>9,601,093</b>	<b>17,500,000</b>	<b>53,851,093</b>

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2020  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>Cash - Other City Funds</b>										
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>666,133</b>	<b>-</b>	<b>666,133</b>
<b>Cash - South Norfolk TIF</b>										
22nd Street Bridge Replacement	21-120	-	6,450,000	-	-	-	6,450,000	6,049,300	-	12,499,300
<b>Cash - South Norfolk TIF Total</b>		<b>-</b>	<b>6,450,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,450,000</b>	<b>6,049,300</b>	<b>-</b>	<b>12,499,300</b>
<b>Cash - Stormwater</b>										
BMP Restoration Citywide	73-120	100,000	300,000	200,000	400,000	300,000	1,300,000	1,300,000	-	2,600,000
Citywide Outfall Re-Grading and Restoration2	03-160	100,000	200,000	100,000	150,000	150,000	700,000	720,000	-	1,420,000
Citywide System Rehab	43-170	300,000	400,000	500,000	500,000	500,000	2,200,000	1,200,000	-	3,400,000
Citywide Undesignated Drainage - Phase III	07-150	-	50,000	50,000	100,000	100,000	300,000	506,347	-	806,347
Major Equipment Purchases - PW Stormwater Division	07-180	666,000	-	-	-	-	666,000	3,308,000	-	3,974,000
Neighborhood Drainage Improvements II	08-150	600,000	500,000	570,000	650,000	750,000	3,070,000	1,224,600	-	4,294,600
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 Improvement	77-120	2,000,000	1,100,000	-	-	-	3,100,000	-	-	3,100,000
Stormwater Mapping and Master Drainage Plan Phase III	10-150	100,000	200,000	100,000	200,000	200,000	800,000	200,000	-	1,000,000
Stormwater Quality Program - Phase II	11-150	-	2,000,000	2,000,000	1,500,000	2,500,000	8,000,000	340,565	-	8,340,565
Sunray Area Outfall Re-Grading	13-130	1,200,000	-	-	-	-	1,200,000	-	-	1,200,000
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>5,066,000</b>	<b>5,550,000</b>	<b>5,500,000</b>	<b>5,500,000</b>	<b>5,500,000</b>	<b>27,116,000</b>	<b>8,799,512</b>	<b>-</b>	<b>35,915,512</b>

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2020  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>Cash - Utilities</b>										
Automated Meter Reading Equipment and Software	53-120	-	-	-	-	-	-	1,399,624	12,000,000	13,399,624
Battlefield to Centerville Water Main - Phase II	22-140	-	-	-	-	-	-	3,700,000	-	3,700,000
Deep Creek Pump Station Upgrade	20-140	-	-	-	-	-	-	232,127	1,878,123	2,110,250
Greenbrier Pkwy. - Force Main Upgrade	06-100	-	-	-	-	-	-	300,389	-	300,389
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	1,750,000	620,000	500,000	500,000	500,000	3,870,000	-	-	3,870,000
Norfolk Highlands Elevated Tank Rehabilitation	28-200	-	-	-	-	-	-	-	925,000	925,000
Northwest River WTP - 30" Raw Water Main	54-120	-	-	-	-	-	-	1,519,802	-	1,519,802
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	1,442,705	1,750,000	5,192,705
Northwest River WTP - Replace Ground Storage Tank	29-200	-	-	-	-	-	-	-	3,200,000	3,200,000
Northwest River WTP - Riverbank Filtration System	36-200	-	-	-	-	-	-	-	175,000	175,000
Raw Water Transmission Main	39-120	-	-	-	-	-	-	9,575,000	-	9,575,000
Sewer Improvements: Gravity Sewer System at Indian River Service Area - Phase I (Pump Station #3)	35-170	-	-	-	-	-	-	2,672,978	-	2,672,978
Maintenance	13-160	-	-	-	-	-	-	2,000,000	-	2,000,000
Sewer Pump Station Safety Improvements	35-200	500,000	500,000	500,000	500,000	500,000	2,500,000	-	-	2,500,000
Sewer Renewal: 18th Street	15-170	155,532	-	-	-	-	155,532	-	-	155,532
Sewer Renewal: Additional Consent Order Capital Requirement	05-180	61,609	-	-	-	-	61,609	-	-	61,609
Sewer Renewal: Chesapeake Ave. (Guerriere to Ohio Sewer)	18-170	74,823	-	-	-	-	74,823	-	-	74,823
Sewer Renewal: SSES Implementation - Phase I	32-120	500,000	-	-	-	-	500,000	2,029,247	-	2,529,247
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 Renewal: Buchanan St.	24-200	256,870	-	-	-	-	256,870	-	-	256,870

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2020**  
**ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>Water Renewals: Waterline Upgrading -</b>										
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
<b>Water Treatment Plant Control System</b>										
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>3,298,834</b>	<b>2,420,000</b>	<b>2,000,000</b>	<b>1,820,000</b>	<b>7,025,000</b>	<b>16,563,834</b>	<b>28,530,256</b>	<b>23,378,123</b>	<b>68,472,213</b>
<b>Fund Balance - Capital Projects Fund</b>										
Benefit Rd. Ditch and Shoulder Improvements	22-200	284,100	-	-	-	-	284,100	-	-	284,100
Bruce Rd. Safety Improvements	02-190	648,454	-	-	-	-	648,454	153,280	-	801,734
Centerville Bridge Rehabilitation	03-190	1,771,266	-	-	-	-	1,771,266	330,000	-	2,101,266
<b>Right Turn Lane Extension: Battlefield Blvd. at Hickory High School</b>										
	23-200	100,000	-	-	-	-	100,000	-	-	100,000
<b>Fund Balance - Capital Projects Fund Total</b>		<b>2,803,820</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,803,820</b>	<b>483,280</b>	<b>-</b>	<b>3,287,100</b>
<b>Fund Balance - General Fund</b>										
Centerville Bridge Rehabilitation	03-190	396,000	-	-	-	-	396,000	-	-	396,000
Deep Creek AIW Bridge Replacement	08-180	-	-	-	-	-	-	1,000,000	-	1,000,000
Fentress Encroachment Protection	10-190	1,000,000	500,000	-	-	-	1,500,000	1,380,000	-	2,880,000
Jail Expansion to Address Overcrowding	04-180	-	-	-	-	-	-	2,250,000	-	2,250,000
Improvements	06-190	440,000	-	-	-	-	440,000	100,000	-	540,000
Mosquito Control Facilities Relocation	01-160	2,132,320	-	-	-	-	2,132,320	-	-	2,132,320
Non-Arterial Street Repaving	07-190	-	3,150,000	-	2,000,000	-	5,150,000	1,000,000	-	6,150,000
<b>Fund Balance - General Fund Total</b>		<b>3,968,320</b>	<b>3,650,000</b>	<b>-</b>	<b>2,000,000</b>	<b>-</b>	<b>9,618,320</b>	<b>5,730,000</b>	<b>-</b>	<b>15,348,320</b>
<b>Fund Balance - IT</b>										
Citizen Mobile Apps Project	11-190	150,000	-	-	-	-	150,000	-	-	150,000
<b>Enterprise Financials PeopleSoft/PeopleTools</b>										
Upgrade	06-170	620,000	-	-	-	-	620,000	-	-	620,000
Enterprise Wide Technology Improvements	07-170	250,000	-	-	-	-	250,000	250,000	-	500,000
Desk Software Replacement	11-200	254,043	71,000	-	-	-	325,043	-	-	325,043
Kronos Upgrade	09-170	-	-	-	-	-	-	130,000	-	130,000
<b>Fund Balance - IT Total</b>		<b>1,274,043</b>	<b>71,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,345,043</b>	<b>380,000</b>	<b>-</b>	<b>1,725,043</b>

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2020  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>Fund Balance - Other Funds</b>										
Commerce Park	62-120	-	-	-	-	-	-	750,000	-	750,000
Conference Center Renovation	12-200	505,000	760,000	780,000	-	-	2,045,000	-	-	2,045,000
Mosquito Control Facilities Relocation	01-160	1,250,000	-	-	-	-	1,250,000	-	-	1,250,000
<b>Fund Balance - Other Funds Total</b>		<b>1,755,000</b>	<b>760,000</b>	<b>780,000</b>	<b>-</b>	<b>-</b>	<b>3,295,000</b>	<b>750,000</b>	<b>-</b>	<b>4,045,000</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
Jail Expansion to Address Overcrowding	04-180	26,423,877	-	-	-	-	26,423,877	-	-	26,423,877
Mosquito Control Facilities Relocation	01-160	-	-	-	-	-	0	3,828,000	-	3,828,000
Public Health Center/Health Department Expansion	08-190	4,828,826	-	-	-	-	4,828,826	730,000	-	5,558,826
Public Works/Public Utilities Operating Facilities Relocation	01-150	-	-	-	-	-	-	9,700,000	-	9,700,000
Saint Brides Fire Station #7/Hickory Police Precinct #6 - Combine	10-160	5,961,440	-	-	-	-	5,961,440	4,931	-	5,966,371
US Route 17 South of Cedar Rd.	47-170	3,124,000	-	-	-	-	3,124,000	8,800,000	-	11,924,000
Voting Equipment	02-200	-	-	-	-	-	0	-	1,500,000	1,500,000
<b>G.O. Debt - City Total</b>		<b>40,338,143</b>	<b>-</b>	<b>16,696,739</b>	<b>640,500</b>	<b>5,750,836</b>	<b>63,426,218</b>	<b>23,062,931</b>	<b>1,500,000</b>	<b>87,989,149</b>
<b>G.O. Debt - Greenbrier TIF</b>										
Greenbrier Commerce Improvement District	03-170	-	16,000,000	-	-	-	16,000,000	-	-	16,000,000
<b>G.O. Debt - Greenbrier TIF Total</b>		<b>-</b>	<b>16,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,000,000</b>	<b>-</b>	<b>-</b>	<b>16,000,000</b>
<b>G.O. Debt - Short Term Financing</b>										
Biomedical Equipment	15-200	1,725,000	-	-	-	-	1,725,000	-	-	1,725,000
Facilities - High Priority Renewal and Replacements - Phase III	02-150	1,155,000	1,047,500	1,087,500	872,500	1,087,500	5,250,000	-	-	5,250,000
Fire Vehicle Replacement	39-200	750,000	750,000	750,000	1,500,000	1,500,000	5,250,000	-	8,750,000	14,000,000
Juvenile Services Building Renovations	04-200	2,000,000	-	-	-	-	2,000,000	-	-	2,000,000
Library Automated Materials Handling System	12-190	-	-	-	-	-	-	425,756	-	425,756
Self Contained Breathing Apparatus	16-200	-	-	2,046,150	-	-	2,046,150	-	-	2,046,150
Thermal Imaging Cameras	14-200	-	-	324,000	-	-	324,000	-	-	324,000
<b>G.O. Debt - Short Term Financing Total</b>		<b>5,630,000</b>	<b>1,797,500</b>	<b>4,207,650</b>	<b>2,372,500</b>	<b>2,587,500</b>	<b>16,595,150</b>	<b>425,756</b>	<b>8,750,000</b>	<b>25,770,906</b>

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2020  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>G.O. Debt - VPSA</b>										
Great Bridge Primary School - Modernization	31-190	22,275,000	-	-	-	-	22,275,000	2,500,000	-	24,775,000
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	5,000,000	20,000,000	45,000,000
<b>G.O. Debt - VPSA Total</b>		<b>26,275,000</b>	<b>4,000,000</b>	<b>8,725,000</b>	<b>29,275,000</b>	<b>19,000,000</b>	<b>87,275,000</b>	<b>7,500,000</b>	<b>20,000,000</b>	<b>114,775,000</b>
<b>Grant</b>										
Battlefield Blvd. Paving between Debaun Ave.	41-200	702,000	-	-	-	-	702,000	-	-	702,000
Commerce Park	62-120	-	-	-	-	-	0	650,000	-	650,000
Deep Creek AIW Bridge Replacement	08-180	-	-	22,000,000	-	-	22,000,000	-	-	22,000,000
Fentress Encroachment Protection	10-190	2,100,000	2,046,133	-	-	-	4,146,133	2,046,133	-	6,192,266
Freeman Ave. Railroad Overpass	09-180	-	-	-	-	-	-	-	25,425,000	25,425,000
<b>Grant Total</b>		<b>2,802,000</b>	<b>2,046,133</b>	<b>22,000,000</b>	<b>-</b>	<b>-</b>	<b>26,848,133</b>	<b>2,696,133</b>	<b>25,425,000</b>	<b>54,969,266</b>
<b>Proffers</b>										
Right Turn Lane: Military Hwy. at Galberry Rd.	42-200	125,000	-	-	-	-	125,000	-	-	125,000
<b>Proffers Total</b>		<b>125,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>125,000</b>	<b>-</b>	<b>-</b>	<b>125,000</b>
<b>Revenue Bonds - Utility Fund</b>										
Battlefield to Centerville Water Main - Phase II	22-140	-	-	-	-	-	-	464,000	-	464,000
Centerville Turnpike Loop 3	43-120	-	-	500,000	2,586,749	-	3,086,749	-	-	3,086,749
Force Main Replacement: Dominion Blvd. and I-64	34-200	1,000,000	4,238,700	-	-	-	5,238,700	-	-	5,238,700
Basin (HRSD Project Area)	16-170	-	-	-	-	-	-	-	5,000,000	5,000,000
Greenbrier Pkwy. - Force Main Upgrade	06-100	1,000,000	-	-	-	-	1,000,000	-	-	1,000,000
Lake Gaston WTP - Expansion	38-200	1,000,000	-	-	-	-	1,000,000	-	59,000,000	60,000,000
Military Hwy. - 36" Water Main	38-120	-	1,000,000	-	-	-	1,000,000	2,627,000	-	3,627,000
Northwest River WTP - 30" Raw Water Main	54-120	759,877	-	-	-	-	759,877	2,546,709	-	3,306,586
Modifications	19-130	-	-	-	-	-	-	5,732,295	-	5,732,295
Northwest River WTP - Replace Bulk Chemical Storage Tanks	30-200	300,000	900,000	-	-	-	1,200,000	-	-	1,200,000

**CAPITAL IMPROVEMENT PLAN FOR THE FIVE YEAR PERIOD ENDING JUNE 30, 2020  
ALLOCATION OF RESOURCES**

Project Name	Project #	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5 Year Total	Previous Funding	Future Requirements	Project Total
<b>Public Works/Public Utilities Operating</b>										
Facilities Relocation	01-150	-	-	-	-	-	-	4,000,000	-	4,000,000
Raw Water Transmission Main	39-120	-	-	3,500,000	3,500,000	-	7,000,000	6,000,000	-	13,000,000
Sewer and Water Renewal: Elbyrne Dr.	23-170	-	-	-	2,155,000	-	2,155,000	-	-	2,155,000
Sewer Improvements: Gravity Sewer System at Indian River Service Area - Phase I (Pump Station #3)	35-170	2,000,000	-	-	-	-	2,000,000	-	-	2,000,000
Sewer Management Operations & Maintenance	13-160	-	1,000,000	1,000,000	1,500,000	1,500,000	5,000,000	-	1,000,000	6,000,000
Sewer Renewal: 18th Street	15-170	580,738	-	-	-	-	580,738	-	-	580,738
Sewer Renewal: Additional Consent Order Capital Requirement	05-180	3,000,000	1,000,000	2,000,000	4,000,000	4,000,000	14,000,000	-	263,000,000	277,000,000
Sewer Renewal: Chesapeake Ave. (Guerriere to Ohio Sewer)	18-170	214,000	-	-	-	-	214,000	-	-	214,000
Sewer Renewal: Liberty St. (500 Block to Collingswood Ave.)	26-170	1,389,259	-	-	-	-	1,389,259	-	-	1,389,259
Sewer Renewal: Raleigh Place (Pump Station #7 Basin)	33-170	-	-	-	-	-	-	-	4,258,756	4,258,756
Sewer Renewal: SSES Implementation - Phase I	32-120	-	-	-	-	-	-	1,986,789	-	1,986,789
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
Unserved Areas/Cost Participation - Phase II	25-200	164,900	1,483,300	85,500	769,500	-	2,503,200	-	-	2,503,200
Water Renewals: Waterline Upgrading - 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>11,408,774</b>	<b>9,622,000</b>	<b>10,292,500</b>	<b>15,511,249</b>	<b>6,000,000</b>	<b>52,834,523</b>	<b>23,356,793</b>	<b>334,758,756</b>	<b>410,950,072</b>
<b>VDOT Revenue Share</b>										
22nd Street Bridge Replacement	21-120	-	5,850,000	-	-	-	5,850,000	-	-	5,850,000
Bruce Rd. Safety Improvements	02-190	483,266	-	-	-	-	483,266	-	-	483,266
Centerville Bridge Rehabilitation	03-190	1,068,734	-	-	-	-	1,068,734	-	-	1,068,734
Deep Creek AIW Bridge Replacement	08-180	-	-	10,000,000	-	-	10,000,000	-	-	10,000,000
Non-Arterial Street Repaving	07-190	-	4,150,000	-	2,000,000	-	6,150,000	1,000,000	-	7,150,000
US Route 17 South of Cedar Rd.	47-170	8,448,000	-	-	-	-	8,448,000	-	-	8,448,000
<b>VDOT Revenue Share Total</b>		<b>10,000,000</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>2,000,000</b>	<b>-</b>	<b>32,000,000</b>	<b>1,000,000</b>	<b>-</b>	<b>33,000,000</b>
<b>Total Resources</b>		<b>126,322,990</b>	<b>75,397,320</b>	<b>89,954,389</b>	<b>66,959,909</b>	<b>53,410,836</b>	<b>412,045,444</b>	<b>132,063,993</b>	<b>434,134,679</b>	<b>978,244,116</b>