CAPITAL IMPROVEMENT PROGRAM

The Capital Improvement Program (CIP) accounts for capital improvement projects that generally require a significant outlay of funds and have a project life of longer than one year. Once funds are appropriated to the Capital Projects Fund for a project, the funds remain appropriated until the project is completed.

Henrico County's capital improvement needs, and funding requirements are outlined in a separate document - the Capital Improvement Program FY2020-21 through FY2024-25. The CIP represents infrastructure improvements requested by County departments over the next five years to meet existing and future service obligations. In evaluating each of the projects, the CIP process takes into account such factors as population growth, density, desired service levels, economic development concerns, and the County's fiscal condition. In the end, the CIP reflects the needs and desires of the residents of Henrico.

The CIP also represents a balance between available resources and competing County priorities. In an effort to ensure that the County's infrastructure is meeting the service delivery needs of the residents, the Board of Supervisors, in consultation with the Henrico County School Board, presented a plan to fund \$419.8 million of projects utilizing General Obligation (G.O.) Bonds. These projects were approved by County voters in the November 2016 election and are considered the highest priority projects. Funding for these projects began in FY2017-18 and will traverse a six-year period (through FY2022-23). With the approval of the bond referendum, County residents affirmed these projects are important to the quality of life in the County and are considered the highest priority projects.

Routine maintenance associated with both Education and General Government facilities is addressed as a means of ensuring County infrastructure does not deteriorate. Other projects given high priority are the ones vital to the economic growth of the County including infrastructure improvements associated with water and sewer transmission. With the approval of the Bond Referendum, many of the County's needs will be met. However, a significant number of projects submitted in the FY2020-21 through FY2024-25 CIP do not have an identified funding source at this time.

The Capital Improvement Program provides for the orderly and systematic financing and acquisition of public improvements. It also provides information for the individual taxpayer, neighborhood councils, and other civic groups interested in the County's development plan; a statement of intention for Federal and State agencies who provide grants-in-aid to the County; and a source of information for potential investors who may purchase municipal securities. By projecting and scheduling capital improvements in advance of actual needs, the County obtains several advantages.

- 1. Reduction of the need for "crash programs" to finance the construction of County facilities.
- Budgeting takes place within a system, which assures capital projects will be built according to a predetermined priority system while planning in advance for revenue needed to finance and complete these capital projects.
- 3. Advance planning ensures projects are well thought out in advance of construction.
- 4. It permits major purchases to be scheduled in conjunction with favorable market conditions.
- 5. Coordination with the operating budget is ensured. An important aspect of capital improvement planning is the affect capital expenditures have upon the annual operating cost of the County. When a new facility is established, it must be maintained and staffed, and obligations, which begin when it is made operational, will become continuous. Within the Proposed FY2020-21 Operating budget, all operating costs arising from current and previously approved capital projects that are becoming operational have been accounted for through a crosswalk analysis that is updated annually.

Funding for CIP projects typically comes from two major sources: long-term borrowing and current revenues (pay-as-you-go financing). The operating budget is the primary mechanism through which current revenues are

appropriated to capital projects. It is important to note that due to adjustments within the budget because of the economic impact of Covid-19, the FY2020-21 CIP includes only projects funded by 2016 G.O. Bonds and Water/Sewer Enterprise Fund revenues. The amount appropriated for capital projects each year is based on the Capital Improvement Program in effect at the time of the development of the capital budget. The FY2020-21 through FY2024-25 CIP requests of \$1,668,079,492 represents an increase of \$214,879,994 from the current FY2019-20 through FY2023-24 CIP of \$1,453,199,498. These needs are put forward by Departments and prioritized by the Departments over the five-year period. The Capital Budget for FY2020-21 funds \$41,500,000 of projects in the CIP.

The revenue sources for the FY2020-21 Capital budget are as follows:

	Approved
Revenue Sources:	 FY2020-21
Capital Projects Fund:	
General Obligation Bonds - General Government - 2016	\$ 14,000,000
Subtotal - Capital Projects Fund	\$ 14,000,000
Enterprise Fund - Public Utilities:	
Water and Sewer Revenues	\$ 21,950,000
Revenue Bonds	5,550,000
Subtotal - Enterprise Fund - Public Utilities	\$ 27,500,000
Total Capital Budget Revenues	\$ 41,500,000

Capital Improvement Program Calendar

Capital Improvement Program (CIP) preparation requires careful scheduling so the responsible officials are given adequate time and complete information to make sound program decisions. The large volume of data to be compiled into a clear, concise project request, requires the steps in the budget-making process be taken in scheduled and logical sequence. The Capital Improvement Program calendar provides, in chronological order, the key dates set each year to ensure prompt and efficient preparation and adoption of the Capital Budget:

MIDDLE OF JULY - Call for CIP estimates, calendar of dates, and other related information sent to departments.

FIRST WEEK OF SEPTEMBER - Deadline for submission of CIP requests to the Office of Management and Budget.

FIRST WEEK OF OCTOBER - Office of Management and Budget briefs CIP Review Committee and County Manager on status of CIP requests.

FOURTH WEEK OF NOVEMBER - Office of Management and Budget furnishes CIP Review Committee with details and summaries of departmental CIP requests.

FIRST WEEK OF DECEMBER – The County Manager and the CIP Review Committee conducts executive reviews with departments.

MIDDLE OF JANUARY – The County Manager and the CIP Review Committee submits the CIP to the Planning Commission.

MIDDLE OF JANUARY – Planning Commission announces a public hearing on the CIP for middle of February.

MIDDLE OF FEBRUARY – Planning Commission conducts public hearing and submits comments on CIP to the County Manager.

SECOND WEEK OF APRIL - Board of Supervisors conducts public hearing on the proposed Capital Budget.

LAST WEEK OF APRIL - Board of Supervisors adopts Capital Budget.

County of Henrico, Virginia Approved Capital Budget FY2020-21

Project Number	Project Name		Approved FY2020-21
	Capital Projects Fund		
G.O. Bonds - G	General Government - 2016		
28001	Richmond - Henrico Turnpike	\$	5,000,000
	Subtotal - Public Works	\$	5,000,000
23004	Deep Run Park	\$	4,000,000
23005	Taylor Park		5,000,000
	Subtotal - Recreation and Parks	\$	9,000,000
	Subtotal - G.O. Bonds - General Government - 2016	\$	14,000,000
	Total - Capital Projects Fund	\$	14,000,000
	Enterprise Fund - Public Utilities		
Other Local Re	evenue		
00782	New Sewer Connections	\$	300,000
00772	Sewer Line Extensions		500,000
00732	Sewer Line Rehabilitation		4,000,000
00743	Sewer Pump Station Improvements		400,000
00737	Sewer Relocation, Adjustments & Crossings		200,000
00725	Plan Review and Inspection		2,000,000
06492	Roof Replacement		50,000
08172	Water Reclamation Facility Improvements		500,000
07027	Rooty Branch Sewers		1,500,000
06159	Almond Creek Force Main		600,000
06157	Almond Creek Sewer Pump Station Replacement		4,600,000
	Subtotal - Other Local Revenue	\$	14,650,000
Revenue Bond	<u>ds</u>		
01076	Strawberry Hill Basin Sewer Rehabilitation	<u>\$</u> \$	5,000,000
	Subtotal - Revenue Bonds	\$	5,000,000
	Subtotal - Sewer	\$	19,650,000

County of Henrico, Virginia Approved Capital Budget FY2020-21

Project			Approved
Number	Project Name		FY2020-21
	Enterprise Fund - Public Utilities		
	(Continued)		
Other Local Rev	<u>enue</u>		
00771	New Water Connections	\$	150,000
00770	Water Line Extensions		300,000
00768	Water Line Rehabilitation		4,000,000
00769	Water Pumping Station Improvements		500,000
00780	Water Meters		1,000,000
00767	Water Relocation, Adjustments & Crossings		200,000
08171	Water Treatment Facility Improvements		1,500,000
00811	Information Technology Projects		200,000
	Subtotal - Water	\$	7,850,000
	Total - Enterprise Fund - Public Utilities	\$	27,500,000
TOTAL APPROV	ED CAPITAL BUDGET FOR FY2020-21	<u> </u>	41,500,000

Capital Improvement Program Summary

Fiscal Year 2020-21 through Fiscal Year 2024-25

By Department	Approved FY2020-21	Requested FY2020-21	Requested FY2021-22	Requested FY2022-23	Requested FY2023-24	Requested FY2024-25	Total Requested
Capital Projects Fund							
Education	0	106,364,948	31,500,000	307,129,032	244,908,224	179,388,202	869,290,406
Fire	0	493,522	16,325,950	10,778,629	13,918,867	24,918,950	66,435,918
General Services	0	9,425,818	44,311,799	26,757,316	25,601,520	19,541,595	125,638,048
Information Technology	0	3,440,000	1,800,000	750,000	1,900,000	1,600,000	9,490,000
Information Technology - GIS	0	150,000	150,000	150,000	150,000	150,000	750,000
Mental Health	0	0	11,000,000	1,000,000	1,715,458	11,642,042	25,357,500
Police	0	7,834,548	1,252,100	6,599,921	1,525,904	0	17,212,473
Public Library	0	0	694,513	686,502	0	0	1,381,015
Public Works - Drainage	0	0	4,301,347	11,766,354	28,759,354	2,999,950	47,827,005
Public Works - Roadway	5,000,000	14,250,000	13,250,000	4,250,000	5,450,000	15,280,000	52,480,000
Public Works - Stormwater	0	2,448,000	2,448,000	2,448,000	2,448,000	2,448,000	12,240,000
Recreation	9,000,000	16,000,862	23,717,034	24,243,240	3,389,444	3,232,016	70,582,596
Sheriff	0	366,271	622,762	0	0	37,055,498	38,044,531
Total	14,000,000	160,773,969	151,373,505	396,558,994	329,766,771	298,256,253	1,336,729,492
Vehicle Replacement Reserve							
Education	0	0	0	0	0	0	0
Fire	0	0	0	0	0	0	0
Police	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
Enterprise Fund - Utilities							
Public Utilities - Sewer	19,650,000	19,650,000	48,250,000	65,800,000	43,950,000	101,450,000	279,100,000
Public Utilities - Water	7,850,000	7,850,000	7,050,000	11,950,000	9,050,000	16,350,000	52,250,000
Total	27,500,000	27,500,000	55,300,000	77,750,000	53,000,000	117,800,000	331,350,000
Grand Total	41,500,000	188,273,969	206,673,505	474,308,994	382,766,771	416,056,253	1,668,079,492
	Approved	Requested	Requested	Requested	Requested	Requested	Total
By Revenue Source	FY2020-21	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	Requested
Canital Brainete Fund							
Capital Projects Fund G.O. Bonds - Education - 2016	0	35,500,000	19,000,000	0	0	0	F4 F00 000
							54,500,000
G.O. Bonds - General Gov't - 2016	14,000,000	14,000,000	31,700,000	26,300,000	0	0	72,000,000
General Fund	0	0	0	0	0	0	0
Meals Tax Revenue	0	18,000,000	9,000,000	9,000,000	9,000,000	9,000,000	54,000,000
Meals Tax Reserve	0	3,500,000	0	0	0	0	3,500,000
General Fund - Public Works	0	0	0	0	0	0	0
No Funding Source	0	89,773,969	91,673,505	361,258,994	320,766,771	289,256,253	1,152,729,492
VPSA Bonds	0	0	0	0	0	0	0
Total	14,000,000	160,773,969	151,373,505	396,558,994	329,766,771	298,256,253	1,336,729,492
Vehicle Replacement Reserve							
General Fund	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
Enterprise Fund - Utilities							
Enterprise Fund	27,500,000	27,500,000	55,300,000	77,750,000	53,000,000	117,800,000	331,350,000
Total	27,500,000	27,500,000	55,300,000	77,750,000	53,000,000	117,800,000	331,350,000
Grand Total	41,500,000	188,273,969	206,673,505	474,308,994	382,766,771	416,056,253	1,668,079,492

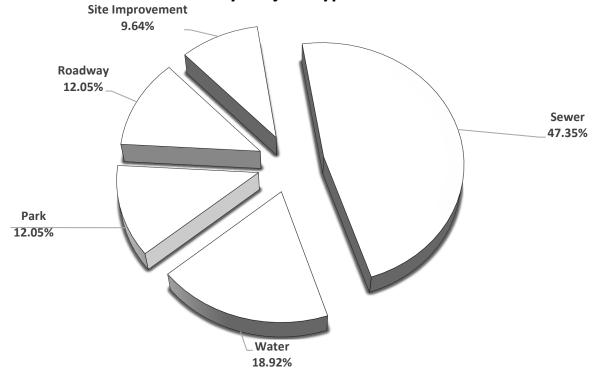
Capital Improvement Program Summary

Fiscal Year 2020-21 through Fiscal Year 2024-25

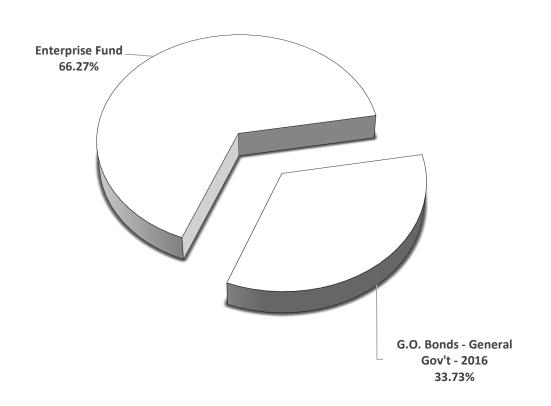
		Approved	Requested	Requested	Requested	Requested	Requested	Total
By Project Type		FY2020-21	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	Requested
Capital Projects Fund								
Building (New)		0	90,518,966	59,294,093	222,687,232	73,120,622	65,380,837	511,001,750
Building Addition		0	11,308,823	0	4,866,402	1,715,458	11,642,042	29,532,725
Building Improvement		0	20,126,152	40,810,051	128,227,963	210,723,247	193,342,699	593,230,112
Drainage		0	0	4,301,347	11,766,354	28,759,354	2,999,950	47,827,005
Feasibility/Programming Study		0	650,000	0	0	0	0	650,000
Park		5,000,000	5,000,000	19,000,000	0	0	0	24,000,000
Roadway		5,000,000	14,250,000	13,250,000	4,250,000	5,450,000	15,280,000	52,480,000
Site Improvement		4,000,000	12,882,028	6,670,039	21,413,043	5,500,090	5,412,725	51,877,925
Stormwater		0	2,448,000	2,448,000	2,448,000	2,448,000	2,448,000	12,240,000
Technology Improvement		0	3,590,000	5,599,975	900,000	2,050,000	1,750,000	13,889,975
Total		14,000,000	160,773,969	151,373,505	396,558,994	329,766,771	298,256,253	1,336,729,492
Vehicle Replacement Reserve								
Vehicle Replacement Reserve		0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0
Enterprise Fund - Utilities								
Sewer		19,650,000	19,650,000	48,250,000	65,800,000	43,950,000	101,450,000	279,100,000
Water		7,850,000	7,850,000	7,050,000	11,950,000	9,050,000	16,350,000	52,250,000
Total		27,500,000	27,500,000	55,300,000	77,750,000	53,000,000	117,800,000	331,350,000
	Grand Total	41,500,000	188,273,969	206,673,505	474,308,994	382,766,771	416,056,253	1,668,079,492

Approved FY2020-21 Capital Budget \$41,500,00

By Project Type



By Funding Source



CAPITAL PROJECTS BY DEPARTMENT FY2020-21

PUBLIC WORKS - ROADWAY \$ 5,000,000

The Richmond-Henrico Turnpike project is allocated \$5.0 million in 2016 G.O. Bonds.

RECREATION AND PARKS \$ 9,000,000

The 2016 General Obligation (G.O.) Bonds totals \$9.0 million for Recreation and Parks and includes Deep Run Park and Taylor Park.

PUBLIC UTILITIES - SEWER \$ 19,650,000

Projects funded by revenues from the use of sewer services include \$500,000 for the Water Reclamation Facility improvements and \$400,000 for Sewer Pump Station improvements. \$5.2 million is allocated for the Almond Creek Sewer Pump Station Replacement and Almond Creek Force Main projects. Funding of \$1.5 million is included for the Rooty Branch Sewers. Funding of \$7.05 million is for new sewer connections, extensions of the existing sewer system, sewer line rehabilitation, preventive maintenance of various sewer pump stations, plan review and inspection activities, a roof replacement project, and various sewer relocations, adjustments, and crossings projects. Revenue bond financing of \$5.0 million has been allocated for the Strawberry Hill Basin Sewer Rehabilitation project.

PUBLIC UTILITIES - WATER \$ 7,850,000

Projects that will be funded by revenues from the use of water services includes the \$4.0 million for the Water Line Rehabilitation and \$1.5 million for the Water Treatment Facility Improvements project. \$1.0 million has been allocated for the Water Meters project. Funding of \$1,350,000 is also included for new water connections, water line extensions, water line rehabilitation, water pumping station improvements, and various water relocations, adjustments, and crossings projects. This funding level will allow DPU to continue maintenance and expansion of the County's vast water and sewer infrastructure network.

Capital Improvement Program FY2020-21 through FY2024-25 Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Project Proj	Total Five Year
Mechanical Improvements	*
Mode March Nest Nest Nest Nest Nest Nest Nest Nest	000 5,850,000
Dota Born RACE Center	11,650,000
Mode	45,000,000
Mail Star Varian September FAE 6 Bulding New Mail Star Varian 0 0.20,000 0 0 0 0 0 0 0 0	0 35,500,000
1977 Capital Scalinly Per Famonia Study Per Sembling Mergammining Study Per Sembling Study	0 6,250,000
Northwest Midelle School - Sclassrroom Addition 8 Sullaine Addition No Funding Source Ferrided 0 33,906,133 0 0 0 0 0 0 0 0 0	0 6,250,000
Seal Seal And Area & S	0 650,000
	0 11,308,823
Adams E Renovation	0 33,906,125
Askson Davik S.F. Replacement	0 0
Virginia Randrolph Acad Partial Replace-Renovation 2 Building Improvement No Funding Source Brookland 0 0 0 0 0 0 0 0 0	0 19,000,000
	0 38,940,629
Congain ES Replacement	0 57,868,568
	0 23,298,794
No. Control Carlos MS Replacement 6 Building (New) No Funding Source Tuckahoe 0 0 0 0 37,340,634 0	0 38,972,626
Park	0 20,827,086
Carver & Senovation 1 Building Improvement No Funding Source Tuckahoe 0 0 0 0 0 19,411,641	0 77,340,634
No Funding Source Three Chopt ES Renovation 2 Building Improvement No Funding Source Varina 0 0 0 0 0 14,714,410	0 37,380,695
No Funding Source Varina O	0 19,411,641
No Funding No Funding No Funding Surce No Fundi	0 14,714,410
No Funding Source Brookland O O O O O O O O O	0 22,934,456
Common C	0 110,447,748
No Funding Source Varina O O O O O O O O O	0 23,978,048
Separation 2 Building Improvement No Funding Source Brookland 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 40,921,921
September Sept	17,681,870
No Funding Source Varina O	.93 19,882,193
No Funding Source Tuckahoe Department Subtotal Department	59,334,964
Partment Subtoal Partment Su	92 48,831,792
Fire	83 21,157,383
13002 Firehouse 20 - Staples Mill Fire Station - Building (New) No Funding Source Brookland 0 0 0 0 0 0 0 0 0	869,290,406
No Funding Source Varina O 493,522 11,075,975 O O O O O O O O O	
18003 Firehouse 23 - Eastgate/Newbridge 1 Building (New) G.O. Bonds - General Gov't - 2016 Varina 0 0 1,600,000 8,000,000 0 0 0 0 0 0 0 0	0 0
No Funding Source Countywide O O 3,649,975 O O O O O O O O O	0 11,569,497
MoSa6 Firehouse #1 Relocation 1 Building (New) No Funding Source Fairfield 0 0 0 2,778,629 11,283,291 06529 Firehouse #11 Replacement 1 Building (New) No Funding Source Fairfield 0 0 0 0 2,635,576 11,073 06519 Firehouse #4 Replacement 1 Building (New) No Funding Source Varina 0 0 0 0 0 0 13,845 Department Subtotal 0 493,522 16,325,950 10,778,629 13,918,867 24,918 General Services 00572 Mechanical Improvements 1 Building Improvement No Funding Source General Government 0 2,579,852 2,876,535 2,999,078 3,108,720 3,211 00425 Roof Replacement and Rehabilitation 2 Building Improvement No Funding Source General Government 0 931,984 926,105 1,275,745 634,293 719	0 9,600,000
1 1 1 1 1 1 1 1 1 1	0 3,649,975
No Funding Source Varina O O O O O O O O O	0 14,061,920
Department Subtotal 0 493,522 16,325,950 10,778,629 13,918,867 24,918	13,708,794
General Services 00572 Mechanical Improvements 1 Building Improvement No Funding Source General Government 0 2,579,852 2,876,535 2,999,078 3,108,720 3,211 00425 Roof Replacement and Rehabilitation 2 Building Improvement No Funding Source General Government 0 931,984 926,105 1,275,745 634,293 719	
Mechanical Improvements 1 Building Improvement No Funding Source General Government 0 2,579,852 2,876,535 2,999,078 3,108,720 3,211 00425 Roof Replacement and Rehabilitation 2 Building Improvement No Funding Source General Government 0 931,984 926,105 1,275,745 634,293 719	66,435,918
00425 Roof Replacement and Rehabilitation 2 Building Improvement No Funding Source General Government 0 931,984 926,105 1,275,745 634,293 719	
08768 Juvenile Courts Parking Lot Expansion 3 Site Improvement No Funding Source General Government 0 414,363 0 0 0	
	0 414,363
00423 Pavement Rehabilitation 4 Site Improvement No Funding Source General Government 0 1,751,574 1,953,005 2,036,205 2,110,646 2,180	709 10,032,139
06477 Small Project Improvements and Renovations 5 Building Improvement No Funding Source General Government 0 600,000 600,000 600,000 600,000 600,000	3,000,000
01198 Energy Management 6 Building Improvement No Funding Source General Government 0 500,000 500,000 500,000 500,000 500,000	2,500,000
08563 Library HQ Streambank Restoration 7 Building Improvement No Funding Source General Government 0 564,481 0 0 0	0 564,481
01199 County Generator Program 8 Building Improvement No Funding Source General Government 0 1,065,502 1,188,036 1,238,647 1,243,931 1,326	6,062,667

3767 County Buildings Restroom Refresh	9 Building Improvement	No Funding Source	General Government	0	650,000	650,000	650,000	650,000	650,000	3,250,000
8881 Circuit Court Clerks Area Renew Repurpose	10 Building Improvement	No Funding Source	General Government	0	368,062	0	0	0	0	368,062
0612 Administration Infill Building (Planning)	1 Building (New)	No Funding Source	General Government	0	0	11,020,630	3,251,456	3,370,325	3,482,203	21,124,614
5103 CAM East & Road Crew Building	2 Building (New)	No Funding Source	General Government	0	0	24,597,488	0	0	0	24,597,488
3560 Admin Building New Agencies Renovation	1 Building Improvement	No Funding Source	General Government	0	0	0	5,783,543	0	0	5,783,543
3599 Woodman Police & Fire Installation Shop	2 Building (New)	No Funding Source	General Government	0	0	0	8,422,642	0	0	8,422,642
7036 East Government Center Swing Building	1 Building (New)	No Funding Source	General Government	0	0	0	0	13,383,605	0	13,383,605
3561 Eastern Government Center Renovations	1 Building Improvement	No Funding Source	General Government	0	0	0	0	0	6,871,111	6,871,111
		Department Subtotal		0	9,425,818	44,311,799	26,757,316	25,601,520	19,541,595	125,638,048
nformation Technology										
5481 Information Technology Projects	1 Technology Improvement	No Funding Source	General Government	0	2,500,000	1,800,000	750,000	1,900,000	1,600,000	8,550,000
1033 Tidemark Replacement	2 Technology Improvement	No Funding Source	General Government	0	940,000	0	0	0	0	940,000
·		Department Subtotal	-	0	3,440,000	1,800,000	750,000	1,900,000	1,600,000	9,490,000
formation Technology - GIS										
0429 Geographic Information System	1 Technology Improvement	No Funding Source	General Government	0	150,000	150,000	150,000	150,000	150,000	750,000
		Department Subtotal		0	150,000	150,000	150,000	150,000	150,000	750,000
lental Health					,		,	,		
605 Transitional Recovery Center	1 Building (New)	No Funding Source	General Government	0	0	11,000,000	1,000,000	0	0	12,000,000
662 Woodman Road Expansion Construction	1 Building Addition	No Funding Source	General Government	0	0	0	0	1,715,458	11,642,042	13,357,500
		Department Subtotal		0	0	11,000,000	1,000,000	1,715,458	11,642,042	25,357,500
olice				ŭ	·	,,	_,_ 50,000	_,5,.50	,,-	,,,,,,,,,
1567 Police South Station	1 Building (New)	No Funding Source	General Government	0	7.834.548	0	0	0	0	7,834,548
8874 Bullet Trap Upgrades	1 Building Improvement	No Funding Source	General Government	0	0	1,252,100	0	0	0	1,252,100
1569 Police West Station	1 Building (New)	No Funding Source	General Government	0	0	0	6,599,921	0	0	6,599,921
3873 Canine Facility	1 Building (New)	No Funding Source	General Government	0	0	0	0,333,321	1,525,904	0	1,525,904
1873 Carinie Facility	1 Building (New)	Department Subtotal	General Government	0	7,834,548	1,252,100	6,599,921	1,525,904	0	17,212,473
ublic Library	_	Department Subtotal		ŭ	7,034,340	1,232,100	0,399,921	1,323,304	v	17,212,473
7034 Tuckahoe Library Renew/Repurpose	1 Building Improvement	No Funding Source	Tuckahoe	0	0	694,513	0	0	0	694,513
	= :	•			0	*		0	0	
7033 Twin Hickory Library Renew/Repurpose	1 Building Improvement	No Funding Source Department Subtotal	Three Chopt	0	0	694,513	686,502 686,502	0	0	686,502 1,381,015
ublic Works - Drainage	_	Department Subtotal		U	U	694,513	686,502	U	U	1,381,015
•	1 Drainage	N 5 1 6	5 : 6 ! !	0		550.044				552.044
i051 Joycelyn Court/Shewalt Drive Drainage		No Funding Source	Fairfield		0	553,011	0	0	0	553,011
	· ·			-	_		_	_		1,327,226
· ·	2 Drainage	No Funding Source	Varina	0	0	1,327,226	0	0	0	
037 Avalon Drive Drainage	2 Drainage 3 Drainage	No Funding Source	Tuckahoe	0	0	1,106,035	0	0	0	1,106,035
Avalon Drive Drainage Gaylord Road Drainage	2 Drainage 3 Drainage 4 Drainage	No Funding Source No Funding Source	Tuckahoe Three Chopt	0 0	0	1,106,035 1,182,352	0	0	0 0	1,106,035 1,182,352
1037 Avalon Drive Drainage 1476 Gaylord Road Drainage 1846 Lakeside Drainage Area Study	2 Drainage 3 Drainage 4 Drainage 5 Drainage	No Funding Source No Funding Source No Funding Source	Tuckahoe Three Chopt Brookland	0 0 0	0 0	1,106,035 1,182,352 132,723	0 0	0 0	0 0 0	1,106,035 1,182,352 132,723
1037 Avalon Drive Drainage 1476 Gaylord Road Drainage 1846 Lakeside Drainage Area Study	2 Drainage 3 Drainage 4 Drainage	No Funding Source No Funding Source	Tuckahoe Three Chopt Brookland Fairfield	0 0 0 0	0	1,106,035 1,182,352	0 0 0 0 2,054,540	0 0 0 0	0 0 0 0	1,106,035 1,182,352 132,723 2,054,540
1037 Avalon Drive Drainage 1476 Gaylord Road Drainage 1846 Lakeside Drainage Area Study 1589 Oak Hill Lane Drainage 1020 Falmouth/Tacoma Street Drainage Study	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage	No Funding Source No Funding Source No Funding Source No Funding Source No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland	0 0 0 0 0	0 0 0 0 0	1,106,035 1,182,352 132,723 0	0 0 0 2,054,540 147,926	0 0 0 0	0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926
037 Avalon Drive Drainage 476 Gaylord Road Drainage 846 Lakeside Drainage Area Study 589 Oak Hill Lane Drainage 020 Falmouth/Tacoma Street Drainage Study 004 Rolando Drive Drainage	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage	No Funding Source No Funding Source No Funding Source No Funding Source No Funding Source No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe	0 0 0 0 0	0 0 0 0 0	1,106,035 1,182,352 132,723 0 0	0 0 0 2,054,540 147,926 2,306,199	0 0 0 0 0 0	0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199
037 Avalon Drive Drainage 476 Gaylord Road Drainage 886 Lakeside Drainage Area Study 589 Oak Hill Lane Drainage 020 Falmouth/Tacoma Street Drainage Study 004 Rolando Drive Drainage 006 Huntsman Road Drainage Channel	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina	0 0 0 0 0 0	0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0	0 0 0 2,054,540 147,926 2,306,199 5,217,229	0 0 0 0 0	0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229
Avalon Drive Drainage Gaylord Road Drainage Gaylord Rolando Drive Drainage Huntsman Road Drainage Channel Gaylord Romeview Drive	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage	No Funding Source No Funding Source No Funding Source No Funding Source No Funding Source No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt	0 0 0 0 0 0	0 0 0 0 0	1,106,035 1,182,352 132,723 0 0	0 0 0 2,054,540 147,926 2,306,199 5,217,229 2,040,460	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460
5037 Avalon Drive Drainage 5476 Gaylord Road Drainage 5846 Lakeside Drainage Area Study 5589 Oak Hill Lane Drainage 5020 Falmouth/Tacoma Street Drainage Study 5004 Rolando Drive Drainage 6006 Huntsman Road Drainage Channel 6013 Homeview Drive	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina	0 0 0 0 0 0	0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0	0 0 0 2,054,540 147,926 2,306,199 5,217,229	0 0 0 0 0	0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460
037 Avalon Drive Drainage 476 Gaylord Road Drainage 846 Lakeside Drainage Area Study 589 Oak Hill Lane Drainage 007 Falmouth/Tacoma Street Drainage Study 008 Rolando Drive Drainage 009 Huntsman Road Drainage Channel 010 Homeview Drive 000 Beverly Drive/Dinwiddie Avenue Drainage	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt	0 0 0 0 0 0	0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0	0 0 0 2,054,540 147,926 2,306,199 5,217,229 2,040,460	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460 2,283,813
037 Avalon Drive Drainage 476 Gaylord Road Drainage 486 Lakeside Drainage Area Study 589 Oak Hill Lane Drainage 020 Falmouth/Tacoma Street Drainage Study 040 Rolando Drive Drainage 051 Hutsman Road Drainage Channel 152 Homeview Drive 153 Beverly Drive/Dinwiddie Avenue Drainage 154 Thorpes Branch	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt Tuckahoe	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0 0	0 0 0 2,054,540 147,926 2,306,199 5,217,229 2,040,460 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460 2,283,813 11,297,796
037 Avalon Drive Drainage 476 Gaylord Road Drainage 846 Lakeside Drainage Area Study 589 Oak Hill Lane Drainage 020 Falmouth/Tacoma Street Drainage Study 040 Rolando Drive Drainage 040 Huntsman Road Drainage Channel 141 Homeview Drive 140 Beverly Drive/Dinwiddie Avenue Drainage 153 Thorpes Branch 156 Monterey Avenue Drainage	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage 5 Drainage 5 Drainage 1 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt Tuckahoe Brookland	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0 0 0 0	2,054,540 147,926 2,306,199 5,217,229 2,040,460 0	0 0 0 0 0 0 0 0 0 2,283,813 11,297,796	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460 2,283,813 11,297,796 1,022,609
Avalon Drive Drainage Gaylord Road Drainage Lakeside Drainage Area Study Oak Hill Lane Drainage Falmouth/Tacoma Street Drainage Study Rolando Drive Drainage Oid Huntsman Road Drainage Channel Honeview Drive Beverly Drive/Dinwiddie Avenue Drainage Thorpes Branch Monterey Avenue Drainage Central Gardens Drainage Central Gardens Drainage	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt Tuckahoe Brookland	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0 0 0 0	0 0 0 2,054,540 147,926 2,306,199 5,217,229 2,040,460 0	0 0 0 0 0 0 0 0 0 2,283,813 11,297,796 1,022,609	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460 2,283,813 11,297,796 1,022,609 3,606,044
Avalon Drive Drainage Gaylord Road Drainage Lakeside Drainage Area Study Cash Hill Lane Drainage Palmouth/Tacoma Street Drainage Study Rolando Drive Drainage Huntsman Road Drainage Channel Homeview Drive Dinwiddie Avenue Drainage Thorpes Branch Monterey Avenue Drainage Central Gardens Drainage Gorges Branch Channel	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage 5 Drainage 1 Drainage 2 Drainage 2 Drainage 4 Drainage 4 Drainage 5 Drainage 6 Drainage 7 Drainage 8 Drainage 9 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt Tuckahoe Brookland Varina Fairfield	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0 0 0 0 0	2,054,540 147,926 2,306,199 5,217,229 2,040,460 0	0 0 0 0 0 0 0 0 2,283,813 11,297,796 1,022,609 3,606,044	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092
037 Avalon Drive Drainage 476 Gaylord Road Drainage 886 Lakeside Drainage Area Study 589 Oak Hill Lane Drainage 020 Falmouth/Tacoma Street Drainage Study 0004 Rolando Drive Drainage 006 Huntsman Road Drainage Channel 017 Homeview Drive 018 Beverly Drive/Dinwiddie Avenue Drainage 053 Thorpes Branch 076 Monterey Avenue Drainage 057 Central Gardens Drainage 058 Gorges Branch Channel 059 Henderson Road Drainage	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage 5 Drainage 2 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage 5 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt Tuckahoe Brookland Varina Fairfield Tuckahoe	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0 0 0 0 0 0 0	0 0 0 2,054,540 147,926 2,306,199 5,217,229 2,040,460 0 0	0 0 0 0 0 0 0 0 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092 777,541
Avalon Drive Drainage Gaylord Road Drainage Lakeside Drainage Area Study Cash Hill Lane Drainage Falmouth/Tacoma Street Drainage Study Rolando Drive Drainage Huntsman Road Drainage Channel Homeview Drive Cobs Beverly Drive/Dinwiddie Avenue Drainage Monterey Avenue Drainage Cotral Gardens Drainage Cotral Gardens Drainage Gorges Branch Henderson Road Drainage Henderson Road Drainage	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage 5 Drainage 1 Drainage 2 Drainage 1 Drainage 2 Drainage 3 Drainage 5 Drainage 5 Drainage 6 Drainage 7 Drainage 7 Drainage 8 Drainage 9 Drainage 9 Drainage 9 Drainage 9 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt Tuckahoe Brookland Varina Fairfield Tuckahoe Brookland	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0 0 0 0 0 0 0 0	0 0 0 2,054,540 147,926 2,306,199 5,217,229 2,040,460 0 0 0	0 0 0 0 0 0 0 0 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092 0	0 0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092 777,541 2,222,409
Avalon Drive Drainage Gaylord Road Drainage Ba46 Lakeside Drainage Area Study Oak Hill Lane Drainage Goath Hill Lane Drainage Goath Hutsman Road Drainage Channel Homeview Drive Beverly Drive/Dinwiddie Avenue Drainage Thorpes Branch Monterey Avenue Drainage Gorges Branch Channel Goath Gardens Drainage Gorges Branch Channel Goath Gardens Drainage Gorges Branch Channel Goath Gardens Drainage Goath Gardens G	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage 5 Drainage 1 Drainage 2 Drainage 1 Drainage 2 Drainage 3 Drainage 5 Drainage 5 Drainage 6 Drainage 7 Drainage 7 Drainage 8 Drainage 9 Drainage 9 Drainage 9 Drainage 9 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt Tuckahoe Brookland Varina Fairfield Tuckahoe Brookland	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0 0 0 0 0 0 0 0	0 0 0 2,054,540 147,926 2,306,199 5,217,229 2,040,460 0 0 0	0 0 0 0 0 0 0 0 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092 777,541 2,222,409
Avalon Drive Drainage Gaylord Road Drainage Lakeside Drainage Area Study Oak Hill Lane Drainage Gaylord Road Drainage Gaylord Road Drainage Gaylord Road Drainage Gaylord Road Drainage Gaylord Rolando Drive Drainage Gaylord Rolando Drive Drainage Gaylord Rolando Drive Drainage Gaylord Rolando Drive Drainage Gaylord Rolando Beverly Drive/Dinwiddie Avenue Drainage Gaylord Road Brainage Gaylord Road Brainage Gaylord Road Drainage Gaylord Road Road Road Road Road Road Road Roa	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage 5 Drainage 1 Drainage 2 Drainage 1 Drainage 2 Drainage 3 Drainage 5 Drainage 5 Drainage 6 Drainage 7 Drainage 7 Drainage 8 Drainage 9 Drainage 9 Drainage 9 Drainage 9 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt Tuckahoe Brookland Varina Fairfield Tuckahoe Brookland	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0 0 0 0 0 0 0 0	0 0 0 2,054,540 147,926 2,306,199 5,217,229 2,040,460 0 0 0	0 0 0 0 0 0 0 0 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092 777,541 2,222,409
5037 Avalon Drive Drainage 5476 Gaylord Road Drainage 54846 Lakeside Drainage Area Study 5588 Oak Hill Lane Drainage 5500 Falmouth/Tacoma Street Drainage Study 5500 Rolando Drive Drainage 5500 Huntsman Road Drainage Channel 5501 Homeview Drive 5500 Beverly Drive/Dinwiddie Avenue Drainage 5503 Thorpes Branch 5507 Monterey Avenue Drainage 5507 Central Gardens Drainage 5507 Georges Branch Channel 5501 Henderson Road Drainage 5502 Barribee Lane Drainage	2 Drainage 3 Drainage 4 Drainage 5 Drainage 1 Drainage 2 Drainage 3 Drainage 4 Drainage 5 Drainage 5 Drainage 1 Drainage 2 Drainage 2 Drainage 5 Drainage 5 Drainage 1 Drainage 2 Drainage 1 Drainage 2 Drainage 5 Drainage 5 Drainage 1 Drainage 1 Drainage 2 Drainage 1 Drainage 2 Drainage	No Funding Source	Tuckahoe Three Chopt Brookland Fairfield Brookland Tuckahoe Varina Three Chopt Tuckahoe Brookland Varina Fairfield Tuckahoe Brookland Tuckahoe	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 0 0 0 0 0 0 0 0 0 4,301,347	2,054,540 147,926 2,306,199 5,217,229 2,040,460 0 0 0 0 11,766,354	0 0 0 0 0 0 0 0 0 0 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,106,035 1,182,352 132,723 2,054,540 147,926 2,306,199 5,217,229 2,040,460 2,283,813 11,297,796 1,022,609 3,606,044 10,549,092 777,541 2,222,409 47,827,005

Grand T	otal - Capital Projects Fund				14,000,000	160,773,969	151,373,505	396,558,994	329,766,771	298,256,253	1,336,729,492
* Funde	d in current fiscal year		Department Subtotal	·	0	366,271	622,762	0	0	37,055,498	38,044,531
08565	Jail West Female Housing Expansion	2 Building Improvement	No Funding Source	General Government	0	0	0	0	0	75,814	75,814
01112	Jail East Special Housing Unit	1 Building (New)	No Funding Source	General Government	0	0	0	0	0	36,979,684	36,979,684
08566	Jail West Kitchen Renovation	1 Building Improvement	No Funding Source	General Government	0	0	622,762	0	0	0	622,762
08748	Jail West New Showers and Property Rm Modification	2 Building Improvement	No Funding Source	General Government	0	101,103	0	0	0	0	101,103
08749	Jail East & West IP Camera Upgrades	1 Building Improvement	No Funding Source	General Government	0*	265,168	0	0	0	0	265,168
Sheriff											
	• •		Department Subtotal		9,000,000	16,000,862	23,717,034	24,243,240	3,389,444	3,232,016	70,582,596
06213	Maintenance Facility Improvements	3 Building Addition	No Funding Source	General Government	0	0	0	4,866,402	0	0	4,866,402
23009	Tuckahoe Park	2 Site Improvement	G.O. Bonds - General Gov't - 2016	Tuckahoe	0	0	0	16,000,000	0	0	16,000,000
23008	Three Lakes Nature Center Park	1 Site Improvement	G.O. Bonds - General Gov't - 2016	Fairfield	0	0	0	2,300,000	0	0	2,300,000
00509	Pouncey Tract Park	3 Site Improvement	No Funding Source	Three Chopt	0	0	1,779,749	0	0	0	1,779,749
23007	Tuckahoe Creek Park	2 Park	G.O. Bonds - General Gov't - 2016	Tuckahoe	0	0	5,000,000	0	0	0	5,000,000
23006	Cheswick Park	1 Site Improvement	G.O. Bonds - General Gov't - 2016	Three Chopt	0	0	2,100,000	0	0	0	2,100,000
06253	Laurel Recreation Area	6 Site Improvement	No Funding Source	Brookland	0	3,416,806	0	0	0	0	3,416,806
06215	Meadow Farm Kitchen	5 Building (New)	No Funding Source	Brookland	0	284,771	0	0	0	0	284,771
08355	Route 5 Visitor Center/Henrico Museum	4 Site Improvement	No Funding Source	Varina	0	1,505,271	0	0	0	0	1,505,271
06194	Facility Rehabilitation	3 Site Improvement	No Funding Source	Countywide	0	1,794,014	837,285	1,076,838	3,389,444	3,232,016	10,329,597
23005	Taylor Park	2 Park	G.O. Bonds - General Gov't - 2016	Varina	5,000,000	5,000,000	14,000,000	0	0	0	19,000,000
	Deep Run Park	1 Site Improvement	G.O. Bonds - General Gov't - 2016	Three Chopt	4,000,000	4,000,000	0	0	0	0	4,000,000
Recrea	tion				_	_, ,	_,,	_,,	_,,	_, ,	,,
07040	chesapeake bay hyberwist compliance	1 Stormwater	Department Subtotal	countywide	0	2,448,000	2,448,000	2,448,000	2,448,000	2,448,000	12,240,000
07046	Chesapeake Bay TMDL/MS4 Compliance	1 Stormwater	No Funding Source	Countywide	0	2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	11,740,000
00363 08932	County-wide Flood Mitigation	1 Stormwater	No Funding Source No Funding Source	Countywide Countywide	0	100,000	100,000	100,000 0	100,000 0	100,000	300,000
	County-wide Drainage Improvements	1 Stormwater	No Francisco Course	Countried	0	100,000	100.000	100.000	100 000	100.000	500,000
D., I. II 1	Works - Stormwater		Department Subtotal		5,000,000	14,250,000	13,250,000	4,250,000	5,450,000	15,280,000	52,480,000
08558	Kain Road	1 Roadway	No Funding Source	Three Chopt	0	0	0	0	1,200,000	11,030,000	12,230,000
08163	Countywide Engineering Feasibility Study	7 Roadway	No Funding Source	Countywide	0	500,000	500,000	500,000	500,000	500,000	2,500,000
06837	Countywide Pedestrian Improvements	6 Roadway	No Funding Source	Countywide	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
00499	General Road Construction	5 Roadway	No Funding Source	Countywide	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
08875	Countywide Landscaping Improvements	4 Roadway	No Funding Source	Countywide	0	250,000	250,000	250,000	250,000	250,000	1,250,000
00075	Country side London side languages	4 Bandoner	No Franking Course	C		250,000	350,000	250,000	250,000	250,000	1 250 000

CAPITAL IMPROVEMENT PROGRAM

IMPLICATIONS ON OPERATING BUDGET

The Capital Improvement Program (CIP) accounts for capital improvement projects that generally require a significant outlay of funds and have a project life of longer than one year. Henrico County's capital improvement needs and funding requirements are outlines in the Capital Improvement Program FY2020-21 through FY2024-25.

Bringing a new facility on-line requires additional costs such as maintenance, utilities, and personnel to operate the new facility. This impact to the future operating budgets is considered before funding for a capital project is recommended. Operating costs associated with a new facility are assessed to departments' budgets in the year of the facility's projected opening date through a complete "crosswalk" between the capital and the operating budgets.

The proposed Capital Budget for FY2020-21 is \$41,500,000, which funds a portion of the project requests in the first year of the CIP. The projects in FY2020-21 proposed Capital Budget do not have an operating impact on the FY2020-21 operating budget as operating costs have implications on operating budgets beyond FY2020-21. Those costs have been factored in the County's multi-year expenditure forecasts. The FY2020-21 budget reflects new operating costs of \$1,994,782. These operational costs are in support of the Staples Mill Fire Station, Holiday Elementary School Expansion, Police Building Annex, and Fairfield Library. These operating costs are being funded utilizing the Revenue Stabilization Reserve, which was established in FY2000-01 to offset the increase in operating costs associated with bond funded projects.

What appears in the following pages is the estimated incremental impact of operating costs that would arise from <u>all</u> the current capital projects requested within the five-year Capital Improvement Program.

Project	Priority	Project Type	Source	District	Approved FY 20-21	•	•	Request FY 23-24	Request FY 24-25
Education									
00518 Roof Replacements	1	Building Improvement	No Funding Source	Countywide	-	-	-	-	-
00527 Mechanical Improvements	2	Building Improvement	No Funding Source	Countywide	_	-	-	-	-
06899 Education Meals Tax Project Reserve	3	Building Improvement	General Fund - Education	Countywide	-	-	-	-	-
70010 Glen Allen HS ACE Center	4	Building (New)	G.O. Bonds - Education	Brookland	_	-	4,587,679	4,587,679	4,587,679
70008 Tucker HS Replacement - FF&E	5	Building (New)	Meals Tax	Three Chopt	_	-	-	-	-
70011 Highland Springs HS Replacement FF	6	Building (New)	Meals Tax	Varina	-	-	-	-	-
08777 Capital Facility Pre-Planning Study	7	Feasibility/Programming	No Funding Source	Countywide	-	-	-	-	-
08911 Northwest Middle School - 8 Classroom	8	Building Addition	No Funding Source	Three Chopt	-	-	-	-	-
08912 Fairfield Area ES	9	Building (New)	No Funding Source	Fairfield	-	-	-	-	-
70012 Adams ES Renovation	1	Building Improvement	G.O. Bonds - Education	Fairfield	-	-	-	-	-
06672 Jackson Davis ES Replacement	1	Building (New)	No Funding Source	Three Chopt	-	-	-	-	-
06741 Virginia Randolph Acad Partial Replacement	2	Building Improvement	No Funding Source	Fairfield	-	-	-	-	-
06744 Holladay ES Renovation	3	Building Improvement	No Funding Source	Brookland	-	-	-	-	-
06673 Longan ES Replacement	4	Building (New)	No Funding Source	Brookland	_	-	-	-	-
06743 Highland Springs ES Renovation	5	Building Improvement	No Funding Source	Varina	-	-	-	-	-
08773 Quioccasin MS Replacement	6	Building (New)	No Funding Source	Tuckahoe	-	-	-	-	-
08913 Far West ES	7	Building (New)	No Funding Source	Three Chopt	-	-	-	-	-
06746 Carver ES Renovation	1	Building Improvement	No Funding Source	Tuckahoe	-	-	-	-	-
08774 Three Chopt ES Renovation	2	Building Improvement	No Funding Source	Three Chopt	-	-	-	-	-
08776 Highland Springs HS ACE Center Renovation	3	Building Improvement	No Funding Source	Varina	-	-	-	-	-
08775 Hermitage HS & ACE Renovation	4	Building Improvement	No Funding Source	Brookland	-	-	-	-	-
08772 Dumbarton ES Renovation	5	Building Improvement	No Funding Source	Brookland	-	-	-	-	-
06742 Central Gardens Replacement	6	Building (New)	No Funding Source	Fairfield	-	-	-	-	-
08914 Donahoe ES Renovation	1	Building Improvement	No Funding Source	Varina	_	-	-	-	-
08915 Glen Allen ES Renovation	2	Building Improvement	No Funding Source	Brookland	-	-	-	-	-
08916 Godwin HS Renovation	3	Building Improvement	No Funding Source	Tuckahoe	-	-	-	-	-
08917 Rolfe MS Renovation	4	Building Improvement	No Funding Source	Varina	-	-	-	-	-
08918 Gayton ES Renovation	5	Building Improvement	No Funding Source	Tuckahoe	=	-	-	=	-
		Subtotal	Education		-	-	4,587,679	4,587,679	4,587,679
Fire									
06177 Firehouse #6 Relocation	1	Building (New)	No Funding Source	Varina	-	-	6,000	6,000	6,000
13003 Firehouse 23 - Eastgate/Newbridge	1	Building (New)	G.O. Bonds - General G	Varina	-	-	-	1,676,818	1,676,818
08769 Opticom	2	Technology Improvement	No Funding Source	Countywide	-	-	98,125	98,125	98,125
06366 Firehouse #1 Relocation	1	Building (New)	No Funding Source	Fairfield	-	-	-	-	5,000
06529 Firehouse #11 Replacement	1	Building (New)	No Funding Source	Fairfield	-	-	-	-	-

Project	Priority	Project Type	Source	District		Request FY 21-22	-	Request FY 23-24	Request FY 24-25
06519 Firehouse #4 Replacement	1	Building (New)	No Funding Source	Varina	-	-	-	-	-
		Subto	tal Fire		-	-	104,125	1,780,943	1,785,943
General Services									
00572 Mechanical Improvements	1	Building Improvement	No Funding Source	General Government	-	-	-	-	-
00425 Roof Replacement and Rehabilitation	2	Building Improvement	No Funding Source	General Government	-	-	-	-	-
08768 Juvenile Courts Parking Lot Expansion	3	Site Improvement	No Funding Source	General Government	-	39,017	39,017	39,017	39,017
00423 Pavement Rehabilitation	4	Site Improvement	No Funding Source	General Government	-	-	-	-	-
06477 Small Project Improvements and Renovations	5	Building Improvement	No Funding Source	General Government	-	-	-	-	-
01198 Energy Management	6	Building Improvement	No Funding Source	General Government	-	-	-	-	-
08563 Library HQ Streambank Restoration	7	Building Improvement	No Funding Source	General Government	-	-	-	-	-
01199 County Generator Program	8	Building Improvement	No Funding Source	General Government	-	-	-	-	-
08767 County Buildings Restroom Refresh	9	Building Improvement	No Funding Source	General Government	-	-	-	-	-
08881 Circuit Court Clerks Area Renew Repurpose	10	Building Improvement	No Funding Source	General Government	-	-	-	-	-
00612 Administration Infill Building	1	Building (New)	No Funding Source	General Government	-	-	-	329,265	329,265
06103 CAM East & Road Crew Building	2	Building (New)	No Funding Source	General Government	-	-	-	656,534	656,534
08560 Admin Building New Agencies Renovation	1	Building Improvement	No Funding Source	General Government	-	-	-	-	-
08599 Woodman Police & Fire Installation	2	Building (New)	No Funding Source	General Government	-	-	-	-	193,967
07036 East Government Center Swing Building	1	Building (New)	No Funding Source	General Government	-	-	-	-	-
08561 Eastern Government Center Renovation	1	Building Improvement	No Funding Source	General Government	-	-	-	-	-
		Subtotal Ge	neral Services		-	39,017	39,017	1,024,816	1,218,783
Information Technology									
06481 Information Technology Projects	1	Technology Improvement	No Funding Source	General Government	-	-	-	-	-
01033 Tidemark Replacement	2	Technology Improvement	No Funding Source	General Government	-	-	-	-	-
·		Subtotal Inform	ation Technology		-	-	-	-	-
Information Technology - GIS									
00429 Geographic Information System	1	Technology Improvement	No Funding Source	General Government	-	-	-	-	-
		Subtotal Informati	ion Technology - GIS		-	-	-	-	-
Mental Health									
08605 Transitional Recovery Center	1	Building (New)	No Funding Source	General Government	-	-	4,212,564	4,212,564	4,212,564
06662 Woodman Road Expansion Construction	1	Building Addition	No Funding Source	General Government	_	_			-
·			ental Health		-	-	4,212,564	4,212,564	4,212,564
Police							, ,		
8567 Police South Station	1	Building (New)	No Funding Source	General Government	-	203,880	203,880	203,880	203,880
08874 Bullet Trap Upgrades	1	Building Improvement	No Funding Source	General Government	_	-	-	-	

Project	Priority	Project Type	Source	District		Request FY 21-22	•	Request FY 23-24	Request FY 24-25
08569 Police West Station	1	Building (New)	No Funding Source	General Government				123,564	123,564
08873 Canine Facility	1	Building (New)	No Funding Source	General Government	_	_	_	-	24,954
obors cumic racincy			otal Police	General Government	-	203,880	203,880	327,444	352,398
Public Library									
07034 Tuckahoe Library Renew/Repurpose	1	Building Improvement	No Funding Source	Tuckahoe	_	_	-	-	-
07033 Twin Hickory Library Renew/Repurpose	1	Building Improvement	No Funding Source	Three Chopt	_	-	-	_	-
			Public Library	'	-	-	-	-	-
Public Works - Drainage			•						
00363 County-wide Drainage Improvements	1	Drainage	No Funding Source	Countywide	-	-	-	-	-
06051 Joycelyn Court/Shewalt Drive Drainage	1	Drainage	No Funding Source	Fairfield	-	-	-	-	-
05013 Lawndale Farms Drainage	2	Drainage	No Funding Source	Varina	-	-	-	-	-
06037 Avalon Drive Drainage	3	Drainage	No Funding Source	Tuckahoe	-	-	-	-	-
06476 Gaylord Road Drainage	4	Drainage	No Funding Source	Three Chopt	-	-	-	-	-
06846 Lakeside Drainage Area Study	5	Drainage	No Funding Source	Brookland	-	-	-	-	-
06589 Oak Hill Lane Drainage	1	Drainage	No Funding Source	Fairfield	-	-	-	-	-
06020 Falmouth/Tacoma Street Drainage Stu	2	Drainage	No Funding Source	Brookland	-	-	-	-	-
06004 Rolando Drive Drainage	3	Drainage	No Funding Source	Tuckahoe	-	-	-	-	-
06006 Huntsman Road Drainage Channel	4	Drainage	No Funding Source	Varina	-	-	-	-	-
06013 Homeview Drive	5	Drainage	No Funding Source	Three Chopt	-	-	-	-	-
06000 Beverly Drive/Dinwiddie Avenue Drainage	1	Drainage	No Funding Source	Tuckahoe	-	-	-	-	-
06053 Thorpes Branch	2	Drainage	No Funding Source	Brookland	-	-	-	-	-
06076 Monterey Avenue Drainage	3	Drainage	No Funding Source	Varina	-	-	-	-	-
06057 Central Gardens Drainage	4	Drainage	No Funding Source	Fairfield	-	-	-	-	-
06073 Georges Branch Channel	5	Drainage	No Funding Source	Tuckahoe	-	-	-	-	-
06010 Henderson Road Drainage	1	Drainage	No Funding Source	Brookland	-	-	-	-	-
06002 Barribee Lane Drainage	2	Drainage	No Funding Source	Three Chopt	-	-	-	-	
		Subtotal Publi	c Works - Drainage		-	-	-	-	-
Public Works - Roadway									
28001 Richmond - Henrico Turnpike	1	Roadway	G.O. Bonds - General G	Fairfield	-	-	-	-	-
08150 I-64 N. Gayton Road Interchange Stud	2	Roadway	No Funding Source	Three Chopt	-	-	-	-	-
08882 Sadler Place Roundabout	3	Roadway	No Funding Source	Three Chopt	-	-	-	-	-
08875 Countywide Landscaping Improvement	4	Roadway	No Funding Source	Countywide	-	-	-	-	-
00499 General Road Construction	5	Roadway	No Funding Source	Countywide	-	-	-	-	-
06837 Countywide Pedestrian Improvements	6	Roadway	No Funding Source	Countywide	-	-	-	-	-
08163 Countywide Engineering Feasibility St	7	Roadway	No Funding Source	Countywide	-	-	-	-	-

					Approved	Request	Request	Request	Request
Project	Priorit	y Project Type	Source	District	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
08558 Kain Road	1	Roadway	No Funding Source	Three Chopt	-	-	-	-	-
		Subtotal Publi	c Works - Roadway		-	-	-	-	-
Public Works - Stormwater									
07046 Chesapeake Bay TMDL/MS4 Compliance	1	Stormwater	No Funding Source	Countywide	-	-	-	-	-
		Subtotal Public	Works - Stormwater		-	-	-	-	-
Recreation									
23004 Deep Run Park	1	Site Improvement	G.O. Bonds - General G	Three Chopt	-	215,672	215,672	215,672	215,672
23005 Taylor Park	2	Park	G.O. Bonds - General G	Varina	-	-	886,183	886,183	886,183
06194 Facility Rehabilitation	3	Site Improvement	No Funding Source	Countywide	-	-	-	-	-
08355 Route 5 Visitor Center/Henrico Museum	4	Site Improvement	No Funding Source	Varina	-	49,258	49,258	49,258	49,258
06215 Meadow Farm Kitchen	5	Building (New)	No Funding Source	Brookland	-	42,640	42,640	42,640	42,640
06253 Laurel Recreation Area	6	Site Improvement	No Funding Source	Brookland	-	-	-	-	-
23006 Cheswick Park	1	Site Improvement	G.O. Bonds - General G	Three Chopt	-	-	-	-	-
23007 Tuckahoe Creek Park	2	Park	G.O. Bonds - General G	Tuckahoe	-	-	-	-	-
00509 Pouncey Tract Park	3	Site Improvement	No Funding Source	Three Chopt	-	-	-	-	-
23008 Three Lakes Nature Center Park	1	Site Improvement	G.O. Bonds - General G	Fairfield	-	-	-	-	-
23009 Tuckahoe Park	2	Site Improvement	G.O. Bonds - General G	Tuckahoe	-	-	-	338,027	338,027
06213 Maintenance Facility Improvements	3	Building Addition	No Funding Source	General Government	-	-	-	-	-
		Sub	total Recreation		-	307,570	1,193,753	1,531,780	1,531,780
Sheriff									
08749 Jail East & West IP Camera Upgrades	1	Building Improvement	No Funding Source	General Government	-	-	-	-	-
08748 Jail West New Showers and Property R	2	Building Improvement	No Funding Source	General Government	-	-	-	-	-
08566 Jail West Kitchen Renovation	1	Building Improvement	No Funding Source	General Government	-	-	-	-	-
01112 Jail East Special Housing Unit	1	Building (New)	No Funding Source	General Government	-	-	-	-	-
08565 Jail West Female Housing Expansion	2	Building Improvement	No Funding Source	General Government	-	-	-	-	-
		Sub	total Sheriff		-	-	-	-	-

Grand Total - 550,467 10,341,018 13,465,226 13,689,147