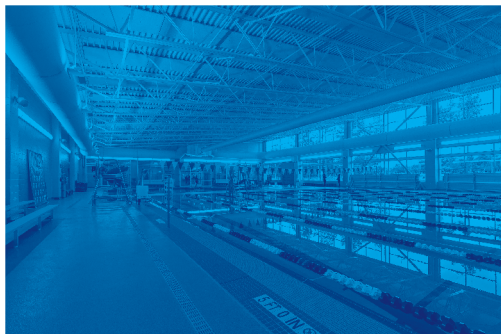


CAPITAL IMPROVEMENT PROGRAM

Project Identification
& Summary Information



HENRICO COUNTY, VIRGINIA
FY 2021-22 THROUGH FY 2030-31
Office of Management and Budget



**County of Henrico
Capital Improvement Program
FY 2021-22 through FY2030-31
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Capital Improvement Program Requests Summary

Fiscal Year 2021-22 through Fiscal Year 2025-26

By Department	FY2021-22	FY2022-23	FY2023-24	FY2024-25	FY2025-26	Total
Capital Projects Fund						
Education	95,642,083	140,260,691	141,364,207	141,622,181	152,240,056	671,129,218
Fire	3,090,679	11,501,058	12,728,622	12,957,272	12,681,480	52,959,111
General Services	8,110,933	6,680,243	6,509,637	8,755,906	8,301,885	38,358,604
Information Technology	2,518,000	2,235,000	1,372,487	2,210,000	2,400,000	10,735,487
Mental Health	9,000,000	0	0	0	1,979,821	10,979,821
Police	8,445,541	1,493,436	6,379,181	1,544,269	0	17,862,427
Public Library	0	96,989	630,894	528,765	0	1,256,648
Public Works - Drainage	1,750,000	5,752,361	12,934,361	30,449,687	4,930,671	55,817,080
Public Works - Roadway	235,050,000	206,050,000	206,050,000	206,050,000	206,050,000	1,059,250,000
Public Works - Stormwater	2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	11,740,000
Recreation	23,949,784	19,448,929	4,401,981	2,695,062	689,449	51,185,205
Sheriff	1,214,938	0	0	0	0	1,214,938
Woodman Rd Complex	0	0	0	1,703,904	10,729,970	12,433,874
Total	391,119,958	395,866,707	394,719,370	410,865,046	402,351,332	1,994,922,413
Vehicle Replacement Reserve						
Education	4,700,000	4,700,000	4,700,000	4,700,000	4,700,000	23,500,000
Fire	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000	16,500,000
Police	3,024,800	3,024,800	3,024,800	3,024,800	3,024,800	15,124,000
Total	11,024,800	11,024,800	11,024,800	11,024,800	11,024,800	55,124,000
Enterprise Fund - Utilities						
Public Utilities - Sewer	28,100,000	28,400,000	48,600,000	83,100,000	29,600,000	217,800,000
Public Utilities - Water	5,200,000	12,200,000	11,700,000	10,500,000	12,950,000	52,550,000
Total	33,300,000	40,600,000	60,300,000	93,600,000	42,550,000	270,350,000
Grand Total	435,444,758	447,491,507	466,044,170	515,489,846	455,926,132	2,320,396,413
By Revenue Source						
Capital Projects Fund						
Bond Premiums	2,705,685	0	0	0	0	2,705,685
Capital Reserves	12,440,000	0	0	0	0	12,440,000
CVTA	22,500,000	22,500,000	22,500,000	22,500,000	22,500,000	112,500,000
G.O. Bonds - Education - 2016	19,000,000	0	0	0	0	19,000,000
G.O. Bonds - General Gov't - 2016	58,000,000	0	0	0	0	58,000,000
General Fund	11,423,000	16,262,172	18,039,618	17,396,848	15,735,289	78,856,927
General Fund - Education Meals Tax	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	45,000,000
No Funding Source	200,246,273	346,354,535	343,429,752	360,218,198	353,366,043	1,603,614,801
Other Local Revenue	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	8,750,000
VPSA Bonds	54,055,000	0	0	0	0	54,055,000
Total	391,119,958	395,866,707	394,719,370	410,865,046	402,351,332	1,994,922,413
Vehicle Replacement Reserve						
General Fund	11,024,800	11,024,800	11,024,800	11,024,800	11,024,800	55,124,000
Total	11,024,800	11,024,800	11,024,800	11,024,800	11,024,800	55,124,000
Enterprise Fund - Utilities						
Enterprise Fund	33,300,000	40,600,000	60,300,000	93,600,000	42,550,000	270,350,000
Total	33,300,000	40,600,000	60,300,000	93,600,000	42,550,000	270,350,000
Grand Total	435,444,758	447,491,507	466,044,170	515,489,846	455,926,132	2,320,396,413

Capital Improvement Program Requests Summary

Fiscal Year 2021-22 through Fiscal Year 2025-26

By Project Type	FY2021-22	FY2022-23	FY2023-24	FY2024-25	FY2025-26	Total
Capital Projects Fund						
Building (New)	19,286,220	50,441,687	99,280,100	103,938,652	25,265,495	298,212,154
Building Addition	0	0	18,730,386	0	1,979,821	20,710,207
Building Improvement	98,280,615	106,690,730	46,702,055	60,273,645	155,787,896	467,734,941
Drainage	3,000,000	5,752,361	12,934,361	30,449,687	4,930,671	57,067,080
Feasibility/Programming Study	150,000	0	0	0	0	150,000
Land	3,000,000	0	0	0	0	3,000,000
Park	19,000,000	0	0	0	0	19,000,000
Roadway	235,050,000	206,050,000	206,050,000	206,050,000	206,050,000	1,059,250,000
Site Improvement	6,487,123	20,348,929	5,301,981	3,595,062	1,589,449	37,322,544
Stormwater	2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	11,740,000
Technology Improvement	4,518,000	4,235,000	3,372,487	4,210,000	4,400,000	20,735,487
Total	391,119,958	395,866,707	394,719,370	410,865,046	402,351,332	1,994,922,413
Vehicle Replacement Reserve						
Vehicle Replacement Reserve	11,024,800	11,024,800	11,024,800	11,024,800	11,024,800	55,124,000
Total	11,024,800	11,024,800	11,024,800	11,024,800	11,024,800	55,124,000
Enterprise Fund - Utilities						
Sewer	28,100,000	28,400,000	48,600,000	83,100,000	29,600,000	217,800,000
Water	5,200,000	12,200,000	11,700,000	10,500,000	12,950,000	52,550,000
Total	33,300,000	40,600,000	60,300,000	93,600,000	42,550,000	270,350,000
Grand Total	435,444,758	447,491,507	466,044,170	515,489,846	455,926,132	2,320,396,413

November 2016 Bond Referendum
Project Total: \$419.8 Million - Over Six Years

	District	Total
Education:		FY2018-23
New:		
Brookland Area ES Planning & Construction	Brookland	20,000,000
Glen Allen HS ACE Center	Brookland	37,000,000
Eastern Area ACE Center	Varina	42,000,000
Additions/Renovations:		
Tuckahoe MS Renovation	Three Chopt	28,200,000
Glen Allen ES (8) Capacity Addition	Brookland	5,500,000
Pemberton ES Renovation	Tuckahoe	14,100,000
Crestview ES Renovation	Tuckahoe	12,000,000
Skipwith ES Renovation	Tuckahoe	13,000,000
Seven Pines ES Renovation	Varina	12,800,000
Chamberlayne ES Renovation	Fairfield	14,000,000
Tucker HS Renovation	Three Chopt	55,000,000
Adams ES Renovation	Fairfield	19,000,000
Total Education:		272,600,000
General Government:		
Fire		
Fire Training Center	General Government	2,500,000
Staples Mill FS	Brookland	10,000,000
Eastgate/Newbridge FS	Fairfield	9,600,000
Total Fire Stations:		22,100,000
Library		
Fairfield Area Library Replacement	Fairfield	24,000,000
Total Libraries:		24,000,000
Public Works		
Richmond/Henrico Turnpike	Fairfield	14,000,000
Total Public Works:		14,000,000
Recreation & Parks		
High School Field Upgrades	Countywide	12,500,000
Greenwood Park	Brookland	20,000,000
Dorey Park	Varina	6,200,000
Deep Run Park	Three Chopt	4,000,000
Taylor Park	Varina	19,000,000
Cheswick Park	Three Chopt	2,100,000
Tuckahoe Creek Park	Tuckahoe	5,000,000
Three Lakes Nature Center Park	Fairfield	2,300,000
Tuckahoe Park	Tuckahoe	16,000,000
Total Recreation and Parks:		87,100,000
Total General Government:		147,200,000
TOTAL GENERAL GOVERNMENT AND SCHOOLS:		419,800,000

Capital Improvement Program Five Year Summary FY2021-22 through FY2025-26
Department Requests by Fiscal Year and Priority Number - Capital Projects Fund - Fund 21 and Fund 22

Project	Priority	Type	Source	District	Recommended FY21-22	Request FY21-22	Request FY22-23	Request FY23-24	Request FY24-25	Request FY25-26	Total Five Year	
Education												
00518/00527	Mechanical and Roof Replacements	1	Building Improvement	General Fund	Countywide	2,500,000	2,500,000	3,500,000	3,500,000	3,500,000	16,500,000	
New	Safety & Facilities Improvement	2	Building Improvement	No Funding Source	Countywide	0	5,000,000	5,000,000	5,000,000	5,000,000	25,000,000	
New	Technology Improvements	3	Technology Improvement	General Fund	Countywide	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	
08777	Capital Facility Pre-Planning Study	4	Feasibility/Programming Study	No Funding Source	Countywide	0	150,000	0	0	0	150,000	
70012	Adams ES Renovation	5	Building Improvement	G.O. Bonds - Education - 2016	Fairfield	19,000,000	19,000,000	0	0	0	19,000,000	
08776	Highland Springs HS ACE Center Renovation	6	Building Improvement	VPSA Bond (New Issue)	Varina	20,800,000	20,802,053	0	0	0	20,802,053	
08775	Hermitage ACE Renovation and Expansion	7	Building Improvement/Addition	VPSA Bond (New Issue)	Brookland	33,255,000	33,245,030	0	0	0	33,245,030	
New	HCPS Central Office Annex - HVAC Replacement	8	Building Improvement	No Funding Source	Countywide	0	870,000	0	0	0	870,000	
New	HCPS Central Office Annex - Fire System Upgrade	9	Building Improvement	No Funding Source	Countywide	0	75,000	0	0	0	75,000	
06899	Education Meals Tax Project Reserve	10	Building Improvement	Meals Tax	Countywide	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	45,000,000	
New	Schools Land Reserve	11	Land	Capital Reserve	Countywide	3,000,000	3,000,000	0	0	0	3,000,000	
06672	Jackson Davis ES Replacement	12	Building (New)	No Funding Source	Three Chopt	0	0	38,940,629	0	0	38,940,629	
06741	Virginia Randolph Acad Partial Replace-Renovation	13	Building Improvement	No Funding Source	Fairfield	0	0	57,868,568	0	0	57,868,568	
06744	Holladay ES Renovation	14	Building Improvement	No Funding Source	Brookland	0	0	23,951,494	0	0	23,951,494	
08912	Fairfield Area ES	15	Building (New)	No Funding Source	Fairfield	0	0	0	39,250,376	0	39,250,376	
06673	Longan ES Replacement	16	Building (New)	No Funding Source	Brookland	0	0	0	40,921,921	0	40,921,921	
06743	Highland Springs ES Renovation	17	Building Improvement	No Funding Source	Varina	0	0	0	22,961,524	0	22,961,524	
08911	Northwest Middle School - 8 Classroom Addition	18	Building Addition	No Funding Source	Three Chopt	0	0	0	11,874,459	0	11,874,459	
New	West Area ES 6 Classroom Addition	19	Building Addition	No Funding Source	Tuckhoe or Three Chopt	0	0	0	6,855,927	0	6,855,927	
08773	Quiocassin MS Replacement	20	Building (New)	No Funding Source	Tuckahoe	0	0	0	85,271,087	0	85,271,087	
06746	Carver ES Renovation	21	Building Improvement	No Funding Source	Tuckahoe	0	0	0	21,401,018	0	21,401,018	
08774	Three Chopt ES Renovation	22	Building Improvement	No Funding Source	Three Chopt	0	0	0	15,450,076	0	15,450,076	
08775	Hermitage HS Renovation	23	Building Improvement	No Funding Source	Brookland	0	0	0	0	106,303,547	106,303,547	
08772	Dumbarton ES Renovation	24	Building Improvement	No Funding Source	Brookland	0	0	0	0	26,436,509	26,436,509	
Department Subtotal						89,555,000	95,642,083	140,260,691	141,364,207	141,622,181	152,240,056	671,129,218
Fire												
13003	Firehouse 23 - Eastgate/Newbridge	1	Building (New)	G.O. Bonds - General Gov't - 2016, Bond Premiums	Varina	11,055,685	1,405,240	9,864,960	0	0	11,270,200	
06177	Firehouse #6 Relocation and Construction	2	Building (New)	Capital Reserve	Varina	440,000	435,439	1,636,098	10,235,376	0	12,306,913	
13002	Firehouse #20 Staples Mill Firehouse Stormwater Basin	3	Drainage	Bond Premiums	Brookland	1,250,000	1,250,000	0	0	0	1,250,000	
06366	Firehouse #1 Relocation and Construction	4	Building (New)	No Funding Source	Fairfield	0	0	0	2,493,246	10,594,894	13,088,140	
06529	Firehouse #11 Replacement and Construction	5	Building (New)	No Funding Source	Fairfield	0	0	0	2,362,378	10,290,615	12,652,993	
06519	Firehouse #4 Relocation and Construction	6	Building (New)	No Funding Source	Varina	0	0	0	0	2,390,865	2,390,865	
Department Subtotal						12,745,685	3,090,679	11,501,058	12,728,622	12,957,272	12,681,480	52,959,111
General Services												
00572	Mechanical Improvements	1	Building Improvement	General Fund	General Government	500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	
00425	Roof Replacement and Rehabilitation	2	Building Improvement	General Fund	General Government	1,200,000	1,065,800	1,130,243	959,637	743,786	897,840	4,797,306
08768	Juvenile Courts Parking Lot Expansion	3	Site Improvement	No Funding Source	General Government	0	637,339	0	0	0	637,339	
00423	Pavement Rehabilitation	4	Site Improvement	General Fund	General Government	500,000	900,000	900,000	900,000	900,000	4,500,000	
06477	Small Project Improvements and Renovations	5	Building Improvement	General Fund	General Government	200,000	500,000	500,000	500,000	500,000	2,500,000	
01198	Energy Management	6	Building Improvement	General Fund	General Government	100,000	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	523,823	0	0	0	523,823	
01199	County Generator Program	8	Building Improvement	No Funding Source	General Government	0	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	
08767	County Buildings Restroom Refresh	9	Building Improvement	No Funding Source	General Government	0	650,000	650,000	650,000	650,000	3,250,000	
08881	Circuit Court Clerks Area Renew Repurpose	10	Building Improvement	No Funding Source	General Government	0	333,971	0	0	0	333,971	
06103	CAM East & Road Crew Building	11	Building (New)	No Funding Source	General Government	0	0	0	2,462,120	1,854,045	4,316,165	
Department Subtotal						2,500,000	8,110,933	6,680,243	6,509,637	8,755,906	8,301,885	38,358,604
Information Technology												
06481	Information Technology Projects	1	Technology Improvement	General Fund	General Government	1,500,000	2,368,000	2,085,000	780,000	2,060,000	2,250,000	9,543,000
00429	Geographic Information System	2	Technology Improvement	General Fund	General Government	150,000	150,000	150,000	150,000	150,000	750,000	
New	E-911 Center Phone System Replacement	3	Technology Improvement	No Funding Source	Countywide	0	0	0	442,487	0	442,487	
Department Subtotal						1,650,000	2,518,000	2,235,000	1,372,487	2,210,000	2,400,000	10,735,487

Capital Improvement Program Five Year Summary FY2021-22 through FY2025-26
Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Project	Priority	Type	Source	District	Recommended FY21-22	Request FY21-22	Request FY22-23	Request FY23-24	Request FY24-25	Request FY25-26	Total Five Year	
Mental Health												
08605		Transitional Recovery Center	1 Building (New)	Capital Reserve	General Government	9,000,000	9,000,000	0	0	0	9,000,000	
06662		Woodman Road Expansion Construction	2 Building Addition	No Funding Source	General Government	0	0	0	0	1,979,821	1,979,821	
Department Subtotal						9,000,000	9,000,000	0	0	1,979,821	10,979,821	
Police												
08567		Police South Station	1 Building (New)	No Funding Source	General Government	0	8,445,541	0	0	0	8,445,541	
08874		Outdoor Training Facility Upgrades	2 Building Improvement	No Funding Source	General Government	0	0	1,493,436	0	0	1,493,436	
08569		Police West Station	3 Building (New)	No Funding Source	General Government	0	0	0	6,379,181	0	6,379,181	
08873		Canine Facility	4 Building (New)	No Funding Source	General Government	0	0	0	1,544,269	0	1,544,269	
Department Subtotal						0	8,445,541	1,493,436	6,379,181	1,544,269	0	17,862,427
Public Library												
07034		Tuckahoe Library Teen Relocation/Repurpose	1 Building Improvement	No Funding Source	Tuckahoe	0	0	96,989	535,955	0	632,944	
07033		Twin Hickory Library Renew/Repurpose	2 Building Improvement	No Funding Source	Three Chopt	0	0	0	94,939	528,765	623,704	
Department Subtotal						0	0	96,989	630,894	528,765	0	1,256,648
Public Works - Drainage												
00363		Minor Drainage Improvements	1 Drainage	General Fund	Countywide	500,000	500,000	500,000	500,000	500,000	2,500,000	
08932		Countywide Creeks and Streams	2 Drainage	General Fund	Countywide	750,000	750,000	750,000	750,000	750,000	3,750,000	
New		Countywide Acquisitions	3 Drainage	General Fund	Countywide	500,000	500,000	500,000	500,000	500,000	2,500,000	
Asst		Designated Drainage Projects	4 Drainage	No Funding Source	Countywide	0	0	4,002,361	11,184,361	28,699,687	47,067,080	
Department Subtotal						1,750,000	1,750,000	5,752,361	12,934,361	30,449,687	4,930,671	55,817,080
Public Works - Roadway												
28001		Richmond - Henrico Turnpike	1 Roadway	G.O. Bonds - General Gov't - 2016	Fairfield	9,000,000	9,000,000	0	0	0	9,000,000	
06837		Countywide Pedestrian Improvements	2 Roadway	CVTA	Countywide	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000	
08163		Countywide Engineering Feasibility Study	3 Roadway	No Funding Source	Countywide	0	500,000	500,000	500,000	500,000	2,500,000	
00499		General Road Construction	4 Roadway	No Funding Source	Countywide	0	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	
08875		Countywide Landscaping Improvements	5 Roadway	No Funding Source	Countywide	0	250,000	250,000	250,000	250,000	1,250,000	
New		CVTA Reserve	6 Roadway	CVTA	Countywide	20,000,000	20,000,000	0	0	0	20,000,000	
Asst		Highway Interchanges Projects	7 Roadway	No Funding Source	Countywide	0	28,000,000	28,000,000	28,000,000	28,000,000	140,000,000	
Asst		Roadway Projects	8 Roadway	No Funding Source	Countywide	0	109,300,000	109,300,000	109,300,000	109,300,000	546,500,000	
Asst		Bike/Pedestrian Projects	9 Roadway	No Funding Source	Countywide	0	25,600,000	25,600,000	25,600,000	25,600,000	128,000,000	
Asst		Multimodal Projects	10 Roadway	No Funding Source	Countywide	0	38,900,000	38,900,000	38,900,000	38,900,000	194,500,000	
Department Subtotal						31,500,000	235,050,000	206,050,000	206,050,000	206,050,000	1,059,250,000	
Public Works - Stormwater												
07046		Chesapeake Bay TMDL/MS4 Compliance	1 Stormwater	General Fund	Countywide	2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	11,740,000	
Department Subtotal						2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	11,740,000	
Recreation												
23005		Taylor Park	1 Park	G.O. Bonds - General Gov't - 2016	Varina	14,000,000	14,000,000	0	0	0	14,000,000	
23006		Cheswick Park	2 Site Improvement	G.O. Bonds - General Gov't - 2016	Three Chopt	2,100,000	2,100,000	0	0	0	2,100,000	
23007		Tuckahoe Creek Park	3 Park	G.O. Bonds - General Gov't - 2016	Tuckahoe	5,000,000	5,000,000	0	0	0	5,000,000	
06194		Facility Rehabilitation	4 Site Improvement	General Fund	Countywide	425,000	2,849,784	1,148,929	4,401,981	2,695,062	11,785,205	
23008		Three Lakes Nature Center Park	5 Site Improvement	G.O. Bonds - General Gov't - 2016	Fairfield	2,300,000	0	2,300,000	0	0	2,300,000	
23009		Tuckahoe Park	6 Site Improvement	G.O. Bonds - General Gov't - 2016	Tuckahoe	16,000,000	0	16,000,000	0	0	16,000,000	
Department Subtotal						39,825,000	23,949,784	19,448,929	4,401,981	2,695,062	689,449	51,185,205
Sheriff												
08749		Jail East & West IP Camera Upgrades	1 Building Improvement	No Funding Source	General Government	0*	236,458	0	0	0	236,458	
08748		Jail West Booking Security Barriers	2 Building Improvement	No Funding Source	General Government	0	262,222	0	0	0	262,222	
08566		Jail West Kitchen Renovation	3 Building Improvement	No Funding Source	General Government	0	640,514	0	0	0	640,514	
08565		Jail West Female Housing Expansion	4 Building Improvement	No Funding Source	General Government	0*	75,744	0	0	0	75,744	
Department Subtotal						0	1,214,938	0	0	0	0	1,214,938

* Funded through alternate sources outside of CIP

Capital Improvement Program Five Year Summary FY2021-22 through FY2025-26
Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Project	Priority	Type	Source	District	Recommended	Request	Request	Request	Request	Request	Total	
					FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	Five Year	
Woodman Rd Complex												
06213		Recreation & Parks Western Maintenance Facility	1 Building (New)	No Funding Source	Fairfield	0	0	0	0	715,039	4,142,312	4,857,351
08599		Woodman Police and Fire Installation Shop (CAM)	2 Building (New)	No Funding Source	Fairfield	0	0	0	0	988,865	6,587,658	7,576,523
Department Subtotal						0	0	0	0	1,703,904	10,729,970	12,433,874
Vehicle Replacement- Fund 22												
		School Bus Replacement	Vehicle Replacement	General Fund	Countywide	4,700,000	4,700,000	0	0	0	0	0
		Vehicle Replacement - Police	Vehicle Replacement	General Fund	Countywide	3,024,800	3,024,800	0	0	0	0	0
		Vehicle Replacement - Fire	Vehicle Replacement	General Fund	Countywide	3,300,000	3,300,000	0	0	0	0	0
Department Subtotal						11,024,800	11,024,800	0	0	0	0	0
Grand Total - Capital Projects Fund						201,898,485	402,144,758	395,866,707	394,719,370	410,865,046	402,351,332	1,994,922,413

Capital Improvement Program FY2021-22 through FY2025-26

Department Requests by Fiscal Year and Priority Number - Enterprise Fund - Fund 51

Project	Priority	Type	Source	District	FY21-22 Recommended	FY21-22 Request	FY22-23 Request	FY23-24 Request	FY24-25 Request	FY25-26 Request	Total Five Year
Public Utilities - Sewer											
00782	New Sewer Connections	1	Sewer	Enterprise Fund	Countywide	300,000	300,000	300,000	300,000	300,000	1,500,000
00772	Sewer Line Extensions	2	Sewer	Enterprise Fund	Countywide	500,000	500,000	500,000	500,000	500,000	2,500,000
00732	Sewer Line Rehabilitation	3	Sewer	Enterprise Fund	Countywide	5,000,000	5,000,000	5,000,000	2,500,000	5,000,000	25,000,000
00743	Sewer Pump Station Improvements	4	Sewer	Enterprise Fund	Countywide	1,500,000	1,500,000	1,800,000	1,000,000	500,000	6,300,000
00737	Sewer Reloc., Adjustments & Crossings	5	Sewer	Enterprise Fund	Countywide	200,000	200,000	200,000	200,000	200,000	1,000,000
00725	Plan Review and Inspection	6	Sewer	Enterprise Fund	Countywide	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	10,500,000
08172	Water Reclamation Facility Improvements	7	Sewer	Enterprise Fund	Varina	10,000,000	10,000,000	1,000,000	1,000,000	1,000,000	14,000,000
01076	Strawberry Hill Basin Sewer Rehab	8	Sewer	Enterprise Fund	B, F, T, TC	8,000,000	8,000,000	9,000,000	9,000,000	4,000,000	45,000,000
06159	Almond Creek Force Main	9	Sewer	Enterprise Fund	Varina	500,000	500,000	8,500,000	0	0	9,000,000
06666	Horsepen Br Sew - Broad Street to Rte 33	10	Sewer	Enterprise Fund	Brookland	0	0	0	27,000,000	0	27,000,000
06450	White Oak SPS FM	11	Sewer	Enterprise Fund	Varina	0	0	0	5,000,000	0	5,000,000
06667	Tuckahoe Creek Trunk Sewer Rehab	12	Sewer	Enterprise Fund	TC, T	0	0	0	0	7,000,000	7,000,000
06152	Gambles Mill SPS FEB Modification	13	Sewer	Enterprise Fund	Tuckahoe	0	0	0	0	5,000,000	5,000,000
00735	Water Reclamation Facility Expansion	14	Sewer	Enterprise Fund	Varina	0	0	0	0	42,000,000	42,000,000
06154	North Run Trunk Sewer	15	Sewer	Enterprise Fund	Fairfield	0	0	0	0	6,500,000	6,500,000
06158	Hungary Creek Trunk Sewer	16	Sewer	Enterprise Fund	B, F	0	0	0	0	4,500,000	4,500,000
06838	Allens and Rooty Branch Force Main Upgrade	17	Sewer	Enterprise Fund	B, TC	0	0	0	0	4,500,000	4,500,000
New	Westwood Improvements	18	Sewer	Enterprise Fund	Brookland	0	0	0	0	1,500,000	1,500,000
Department Subtotal					28,100,000	28,100,000	28,400,000	48,600,000	83,100,000	29,600,000	217,800,000
Public Utilities - Water											
00771	New Water Connections	1	Water	Enterprise Fund	Countywide	150,000	150,000	150,000	150,000	150,000	750,000
00770	Water Line Extensions	2	Water	Enterprise Fund	Countywide	300,000	300,000	300,000	300,000	300,000	1,500,000
00768	Water Line Rehabilitation	3	Water	Enterprise Fund	Countywide	2,000,000	2,000,000	4,000,000	3,000,000	4,000,000	18,000,000
00769	Water Pumping Station Improvements	4	Water	Enterprise Fund	Countywide	500,000	500,000	500,000	1,000,000	1,000,000	4,000,000
00780	Water Meters	5	Water	Enterprise Fund	Countywide	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	6,500,000
00767	Water Reloc., Adjustments & Crossings	6	Water	Enterprise Fund	Countywide	200,000	200,000	200,000	200,000	200,000	1,000,000
08171	Water Treatment Facility Improvements	7	Water	Enterprise Fund	Three Chopt	750,000	750,000	750,000	750,000	750,000	3,750,000
00811	Information Technology Projects	8	Water	Enterprise Fund	Countywide	0	0	5,000,000	0	0	5,000,000
06118	Sadler Road 12" Water Line	9	Water	Enterprise Fund	Three Chopt	0	0	0	1,500,000	0	1,500,000
00020	Richmond Henrico Water Main	10	Water	Enterprise Fund	Fairfield	0	0	0	1,000,000	0	1,000,000
New	Three Chopt Road Water Main Improvements	11	Water	Enterprise Fund	Three Chopt	0	0	0	1,700,000	0	1,700,000
06119	Laburnum Ave Water Booster Station	12	Water	Enterprise Fund	Fairfield	0	0	0	800,000	0	3,300,000
06615	Ridge Water Pressure Zone	13	Water	Enterprise Fund	Tuckahoe	0	0	0	0	2,800,000	2,800,000
08555	Portugee Road Water Pumping Station	14	Water	Enterprise Fund	Varina	0	0	0	0	1,000,000	1,000,000
08556	Old Williamsburg Water Pumping Station	15	Water	Enterprise Fund	Varina	0	0	0	0	750,000	750,000
Department Subtotal					5,200,000	5,200,000	12,200,000	11,700,000	10,500,000	12,950,000	52,550,000
Grand Total - Enterprise W/S Fund					33,300,000	33,300,000	40,600,000	60,300,000	93,600,000	42,550,000	270,350,000



**Capital Improvement Program
Fiscal Years 2026-27 through 2030-31
Projects Identified by Department**

Capital Projects Fund				
Department	Project Name	Year	Cost	
Education				
	Donahoe Elementary School	TBD	TBD	
	Glen Allen Elementary School	TBD	TBD	
	Godwin High School	TBD	TBD	
	Rolfe Middle School	TBD	TBD	
	Gayton Elementary School	TBD	TBD	
	Kain Road Property (25 acres for ES and 35 acres for MS or 50 acres for HS)	TBD	TBD	
Electoral Board				
	Registrar Building	2027	3,000,000	
Fire				
	Firehouse 4 (Completion)	2027	10,202,187	
	Firehouse 14 Addition/Renovation	2027-2028	1,073,316	
	Fire Tactical Training Facility	2027-2028	6,957,187	
	Firehouse 15 Addition/Renovation	2028-2029	1,260,479	
	Firehouse 16 Addition/Renovation	2029-2030	1,087,218	
	Firehouse 17 Addition/Renovation	2030-2031	1,726,693	
General Services				
	CAM East & Road Crew Building (Completion)	2027	18,176,301	
	Eastern Government Swing Space Building	2029	13,243,559	
	Eastern Government Center Renovations	2031	7,631,434	
Mental Health				
	Woodman Rd Expansion (Completion)	2027	12,262,945	
Recreation				
	Synthetic Turf Replacement: Glover Park	2027	3,000,000	
	Synthetic Turf and Track Replacement: Hermitage, Douglas Freeman, Varina HS	2028	2,010,000	
	Synthetic Turf and Track Replacement: Henrico HS	2029	670,000	
	Playground Replacements: Deep Run, Dorey, Twin Hickory, Short Pump, Meadow Farm	2030	1,500,000	
	Synthetic Turf and Track Replacement: Godwin, Deep Run, Glen Allen HS	2031	2,010,000	
Public Works				
	Gaskins Rd Interchange @ I-64 Three Chopt Rd to Mayland Dr		30,000,000	
	W. Broad St. Interchange @ I-64 Dominion Blvd to Tom Leonard Dr		160,000,000	
	Wilton Rd @ Route 895 Wilton Rd to Mill Rd		6,500,000	
	Bethlehem Rd - Libbie Ave to Dicks Rd		6,500,000	
	Cedar Fork Bridge - Meadowview Ln to Morton Dr		12,000,000	
	Charles City Rd - Laburnum Ave to Monahan Dr		15,000,000	
	Charles City Rd - Williamsburg Rd to Easport Blvd		26,000,000	
	Church Rd - Three Chopt Rd to John Rolfe Pkwy		31,000,000	
	Courtney Rd - Staples Mill Rd to Mountain Rd		12,500,000	
	Cox Road Bridges - Over I-64		40,000,000	
	Creighton Rd - Cedar Fork Rd to County Line		26,000,000	
	Darbytown Rd - City Limits to Laburnum Ave		65,000,000	
	Greenwood Rd - Branch Rd to County Line		26,000,000	
	Lauderdale Dr - Westbriar Dr to Edenbury Dr		8,000,000	
	Masonic Lane/Brittles Lane - Nine Mile Rd to Williamsburg Rd		26,000,000	
	Midview Rd - New Market Rd to Williamsburg Rd		25,000,000	
	N. Gayton Rd - W. Broad to Lauderdale Dr		23,000,000	
	Nine Mile Rd (Ph 2) - City Limits to Laburnum Ave		20,000,000	
	Old Osborne Tpke (Rte 5) - City Limits to New Osborne Tpke		20,000,000	
	Pemberton Rd - Quioccasin Rd. to W. Broad St		42,000,000	
	Pouncey Tract Rd - N. Gayton Rd to Nuckols Rd.		13,000,000	
	S. Laburnum Ave - Williamsburg Rd to Nine Mile Rd		15,000,000	
	Springfield Rd - Francistown Rd to Olde Millbrooke Way		25,000,000	
	Staples Mill Rd - Glenside Dr to Parham Rd		15,000,000	
	Three Chopt Rd - Gaskins Rd to Horsepen RD		45,000,000	

**Capital Improvement Program
Fiscal Years 2026-27 through 2030-31
Projects Identified by Department**

Department	Project Name	Year	Cost
Public Works (cont.)			
	W. Broad St - Glenside Dr		6,000,000
	W. Broad St - Parham Rd		15,000,00
	Williamsburg Rd - S. Laburnum Ave to Nine Mile Rd		35,000,000
	Williamsburg Rd (Ph 2) - S Laburnum Ave to City Limits		10,000,000
	Woodman Rd - Terry Dr to Hungary Rd		15,000,000
	Eastern Henrico - Connectors Trails Mixed Use Trails		25,000,000
	James River Heritage Trail - City of Richmond to Goochland County Line Mixed Use Trail		30,000,000
	Mountain Road Trail - Woodman Rd to Staples Mill Rd Mixed Use Trail		12,000,000
	School Walk Areas - Countywide Bike/Ped facilities		10,000,000
	Western Henrico - Connector Trails Mixed Used Trails		25,000,000
	ATMS - Phase IV Countywide Signal/ITS Improvements		25,000,000
	Arterial Roadways - Countywide Bike/Pedestrian/Transit Stop Improvements		25,000,000
	Collector Roadways - Countywide Bike, Pedestrian, Transit Stop Improvements		20,000,000
	Park & Ride - Old Osborne Turnpike (Rte 5)		6,000,000
	Transit Improvements - Existing Routes Increased Service Frequency		4,000,000
	Transit Improvements - W. Broad Street - Old Osborne Turnpike BRT Extension		30,000,000
	Transportation Study - Countywide Traffic Calming Program		12,500,000
Sheriff			
	Jail East Special Housing Unit	2028	34,433,530
Enterprise Fund			
Public Utilities			
	Almond Creek Trunk Sewer Main	2027	3,500,000
	Rooty Branch SPS Replacement	2027	11,500,000
	Rooty Branch Force Main	2027	6,000,000
	Gillies Creek FEB	2027	7,000,000
	Rooty Branch Sewers (Deep Run Outfall)	2027	19,500,000
	Upham Brook Storage Facilities	2029	22,000,000

Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Education

Project	Priority	Recommended	Request	Request	Request	Request	Request	Request	Total
		FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	FY27-FY31	Ten Year
00518/00527 Mechanical and Roof Replacements	1	2,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	TBD	16,500,000
New Safety & Facilities Improvement	2	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	TBD	25,000,000
New Technology Improvements	3	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	TBD	10,000,000
08777 Capital Facility Pre-Planning Study	4	0	150,000	0	0	0	0	0	150,000
70012 Adams ES Renovation	5	19,000,000	19,000,000	0	0	0	0	0	19,000,000
08776 Highland Springs HS ACE Center Renovation	6	20,800,000	20,802,053	0	0	0	0	0	20,802,053
08775 Hermitage ACE Renovation and Expansion	7	33,255,000	33,245,030	0	0	0	0	0	33,245,030
New HCPS Central Office Annex - HVAC Replacement	8	0	870,000	0	0	0	0	0	870,000
New HCPS Central Office Annex - Fire System Upgrade	9	0	75,000	0	0	0	0	0	75,000
06899 Education Meals Tax Project Reserve	10	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	TBD	45,000,000
New Schools Land Reserve	11	3,000,000	3,000,000	0	0	0	0	0	3,000,000
06672 Jackson Davis ES Replacement	12	0	0	38,940,629	0	0	0	0	38,940,629
06741 Virginia Randolph Acad Partial Replace-Renovation	13	0	0	57,868,568	0	0	0	0	57,868,568
06744 Holladay ES Renovation	14	0	0	23,951,494	0	0	0	0	23,951,494
08912 Fairfield Area ES	15	0	0	0	39,250,376	0	0	0	39,250,376
06673 Longan ES Replacement	16	0	0	0	40,921,921	0	0	0	40,921,921
06743 Highland Springs ES Renovation	17	0	0	0	22,961,524	0	0	0	22,961,524
08911 Northwest Middle School - 8 Classroom Addition	18	0	0	0	11,874,459	0	0	0	11,874,459
New West Area ES 6 Classroom Addition	19	0	0	0	6,855,927	0	0	0	6,855,927
08773 Quiocasin MS Replacement	20	0	0	0	0	85,271,087	0	0	85,271,087
06746 Carver ES Renovation	21	0	0	0	0	21,401,018	0	0	21,401,018
08774 Three Chopt ES Renovation	22	0	0	0	0	15,450,076	0	0	15,450,076
08775 Hermitage HS Renovation	23	0	0	0	0	0	106,303,547	0	106,303,547
08772 Dumbarton ES Renovation	24	0	0	0	0	0	26,436,509	0	26,436,509
New Donahoe ES	25	0	0	0	0	0	0	TBD	TBD
New Glen Allen ES	26	0	0	0	0	0	0	TBD	TBD
New Godwin HS	27	0	0	0	0	0	0	TBD	TBD
New Rolfe MS	28	0	0	0	0	0	0	TBD	TBD
New Gayton ES	29	0	0	0	0	0	0	TBD	TBD
New Kain Road Property (ES and MS or HS)	30	0	0	0	0	0	0	TBD	TBD
Department Subtotal		89,555,000	95,642,083	140,260,691	141,364,207	141,622,181	152,240,056	TBD	671,129,218

Roof Replacements – 00518/ Mechanical Improvements - 00527

Department Education	Revenue Source General Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Building Improvement	Project Type Recurring

Project Description:

This project encompasses the repair, rehabilitation of school facility roofs with standing seam metal roofing, miscellaneous roof repairs, miscellaneous canopy repairs, and roof coatings and various types of mechanical improvements including air conditioning renovations, improvements and replacements; heating system renovations; communication, electrical, and security system upgrades; energy savings upgrades; and lighting improvements. The project allows repair and replacement of school facility components on a systematic basis.

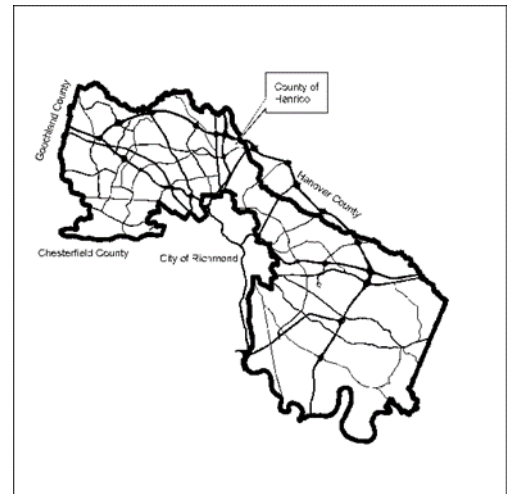
Service Impact:

Project will ensure future delivery of existing services provided.

Operating Impacts:

Project maintains the existing building infrastructure of Henrico County Public Schools.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	16,500,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$16,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Safety and Facilities Improvements

Department Education	Funding Source No Funding Source	Project Location Countywide
Magisterial District Countywide	Project Classification Building Improvement	Project Type Recurring

Project Description:

This project encompasses various types of improvements related to facilities and safety.

Service Impact:

Project will ensure the safety of Henrico County Public Schools students, faculty, and staff.

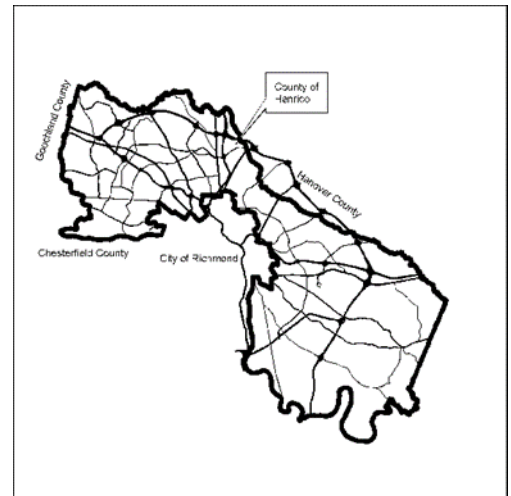
Operating Impacts:

Project maintains the existing building infrastructure of Henrico County Public Schools through allowing the Schools to systematically repair, replaces or improve internal systems which decreases the need for costly emergency repairs to existing systems.

Project Milestones:

This is a new recurring project for FY2022. Project Milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	25,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$25,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Technology Improvements

Department Education	Revenue Source General Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Technology Improvement	Project Type Recurring

Project Description:

Upgrade and replace current technology critical to instructional programs. Infrastructure needed:

- Data Center Server, Storage and Networking
- Data Center Software and Applications
- Network Cable refresh for all locations - by HS, MS, ES
- Auditorium Projection Systems

Service Impact:

Project will improve the delivery of existing services provided.

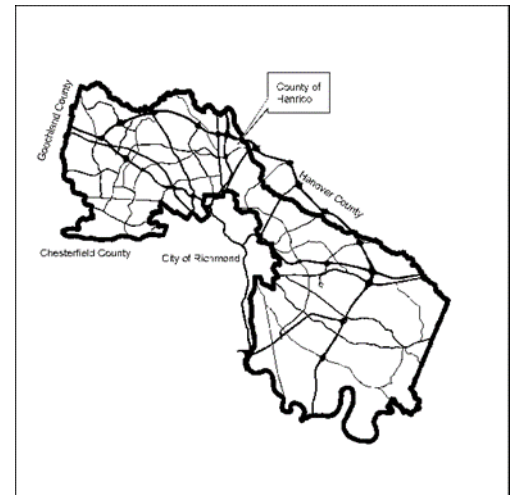
Operating Impacts:

Project maintains the technology infrastructure backbone of Henrico County Public Schools creating a more efficient and longer lasting technology base.

Project Milestones:

- FY2022- Upgrade to current technology for instructional programs.
- FY2024 to FY 2025- Infrastructure refresh.
- FY2025 to FY2026- Auditorium Projection System refresh.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
FFE	-	-	-	-	-	-	-
Total	\$-	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Capital Facility Pre-Planning Study - 08777

Department Education	Funding Source No Funding Source	Project Location Countywide
Magisterial District Countywide	Project Classification Feasibility/Programming Study	Project Type Non-Recurring

Project Description:

This is a continuation of a previously executed study that proposes to evaluate the five facilities that were listed in the last year of the 2020-21 CIP and are still included in the long-range planning. This study allows the ability to consider replacement of facilities in lieu of renovation and provides systematic evaluation of each location.

Service Impact:

Project will improve the information available for future decisions concerning long-range capital improvement goals.

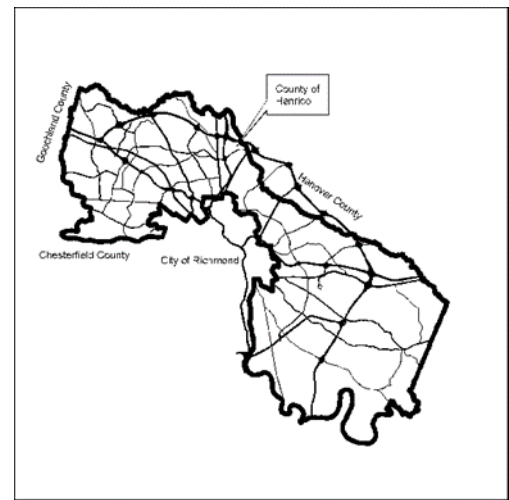
Operating Impacts:

Project takes a proactive rather than reactive approach at evaluating future needs to support operations.

Project Milestones:

- This is an extension of a previously proposed project that was not approved for funding.
- Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$150,000	\$-	\$-	\$-	\$-	\$150,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$150,000	\$-	\$-	\$-	\$-	\$150,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Adams Elementary School Renovation Planning & Construction – 70012/06745

Department Education	Revenue Source G.O. Bonds – Education - 2016	Project Location 600 Laburnum Ave
Magisterial District Fairfield	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is an update of the existing Adams Elementary School, originally constructed in 1966. The renovation will update building systems, including HVAC and electrical, and will provide window replacements and new interior finishes.

Service Impact:

Project proposes to update the facility to meet current building code and educational standards.

Operating Impacts:

Project will update the learning and teaching environment for students and faculty by bringing the facility to modern educational standards.

Project Milestones:

- This is a newly proposed project for FY2022 approved under the 2016 General Obligation Bond Referendum.
- Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$1,294,222	\$-	\$-	\$-	\$-	\$1,294,222
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	105,933	-	-	-	-	105,933
Construction	-	15,733,613	-	-	-	-	15,733,613
Other	-	1,297,559	-	-	-	-	1,297,559
FFE	-	568,673	-	-	-	-	568,673
Total	\$-	\$19,000,000	\$-	\$-	\$-	\$-	\$19,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Highland Springs ACE Center Renovation Planning & Construction

Department Education	Revenue Source 2021 VPSA Bonds	Project Location 15 South Oak Ave
Magisterial District Varina	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is an update of the existing Highland Springs ACE Center, originally constructed in 1970. The renovation will update building systems, including HVAC and electrical, and will provide window replacements and new interior finishes.

Service Impact:

Project proposes to update the facility to meet current building code and educational standards.

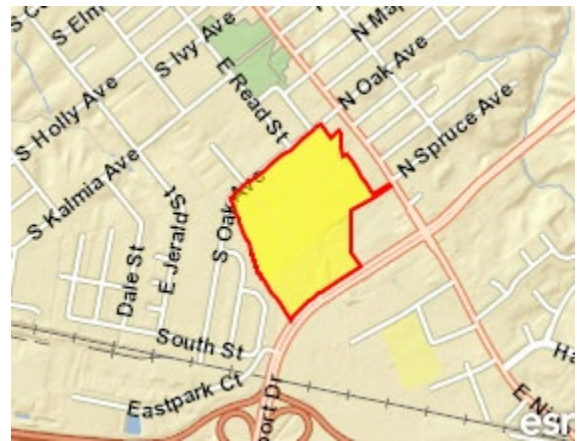
Operating Impacts:

Project will update the learning and teaching environment for students and faculty by bringing the facility to modern educational standards.

Project Milestones:

This is a newly proposed project for FY2022. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	20,802,053	-	-	-	-	20,802,053
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$20,802,053	\$-	\$-	\$-	\$-	\$20,802,053
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Hermitage ACE Center Renovation & Expansion Planning & Construction

Department Education	Revenue Source 2021 VPSA Bonds	Project Location 8301 Hungary Spring Rd
Magisterial District Brookland	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is an update of the existing Hermitage ACE Center, originally constructed in 1972. The renovation will update building systems, including HVAC and electrical, and will provide window replacements and new interior finishes.

Service Impact:

Project proposes to update and expand the facility to meet current building code and educational standards.

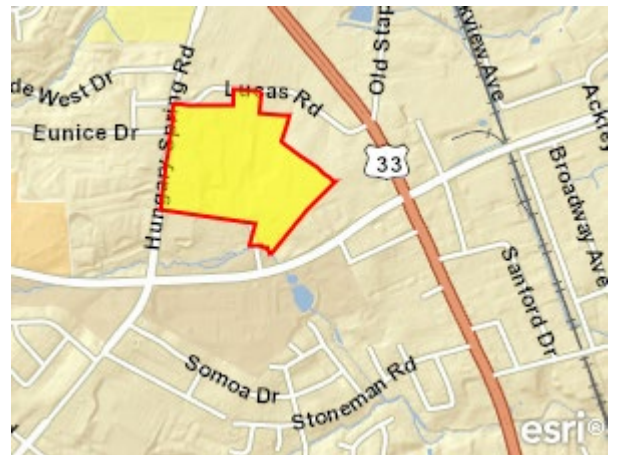
Operating Impacts:

Project will update and expand the learning and teaching environment for students and faculty by bringing the facility to modern educational standards.

Project Milestones:

This is a newly proposed project for FY2022. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	33,245,030	-	-	-	-	33,245,030
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$33,245,030	\$-	\$-	\$-	\$-	\$33,245,030
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Henrico County Public Schools Central Office Annex- HVAC Replacement

Department Education	Funding Source No Funding Source	Project Location HCPS Central Office Annex 1001 N. Laburnum Ave
Magisterial District Varina	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project encompasses the replacement of the Heating, Ventilation and Air Conditioning system in the HCPS Central Office Annex.

Service Impact:

Project will ensure future delivery of existing services provided.

Operating Impacts:

Project maintains the existing building infrastructure of Henrico County Public Schools.

Project Milestones:

This is a newly proposed project for FY2022. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	870,000	-	-	-	-	870,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$870,000	\$-	\$-	\$-	\$-	\$870,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Henrico County Public Schools Central Office Annex- Fire System Upgrade

Department Education	Funding Source No Funding Source	Project Location HCPS Central Office Annex 1001 N. Laburnum Ave
Magisterial District Varina	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project encompasses the upgrade of existing fire systems at the HCPS Central Office Annex.

Service Impact:

Project will ensure future delivery of existing services provided.

Operating Impacts:

Project maintains the existing building infrastructure of Henrico County Public Schools.

Project Milestones:

This is a newly proposed project for FY2022. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	75,000	-	-	-	-	75,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$75,000	\$-	\$-	\$-	\$-	\$75,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Meals Tax Funds

Department Education	Revenue Source Meals Tax Revenues	Project Location Countywide
Magisterial District Countywide	Project Classification Building Improvement	Project Type Recurring

Project Description:

This project encompasses multiple building improvement projects related to maintenance and rehabilitation projects selected by the School Board throughout the County that are funded by Meals Tax Revenues dedicated to HCPS Capital Improvements.

Service Impact:

Project will ensure future delivery of existing services provided.

Operating Impacts:

Project maintains the existing building infrastructure of Henrico County Public Schools.

Project Milestones:

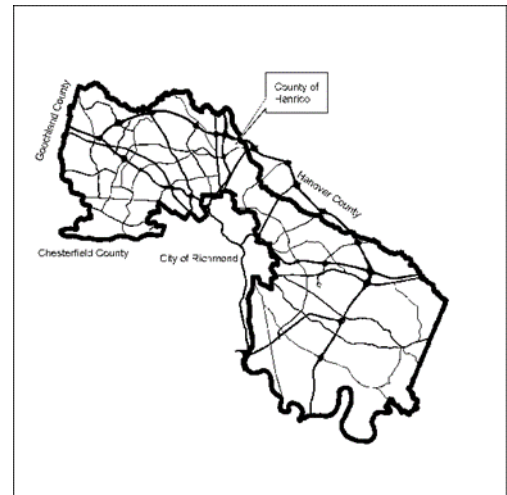
- Current balance of the Meals tax Reserve is \$1,854,596.08.

Project Milestones (cont):

Example Proposed Projects for FY2022 (represents 4 largest locations):

- Johnson Elementary School- various rehabilitation - *\$1,055,000*
- Springfield Park Elementary School – system replacement/improvements - *\$727,000*
- Rolfe Middle School- various rehabilitation - *\$690,000*
- Pocahontas Middle School – HVAC improvements - *\$609,000*

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	45,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$9,000,000	\$9,000,000	\$9,000,000	\$9,000,000	\$9,000,000	\$45,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Land Reserve

Department Education	Funding Source Capital Reserve	Project Location Countywide
Magisterial District Countywide	Project Classification Building Improvement	Project Type Non-recurring

Project Description:

To provide a reserve fund to Henrico County Public Schools to support the acquisition of land for the construction of additional facilities.

Service Impact:

Project does not impact existing services.

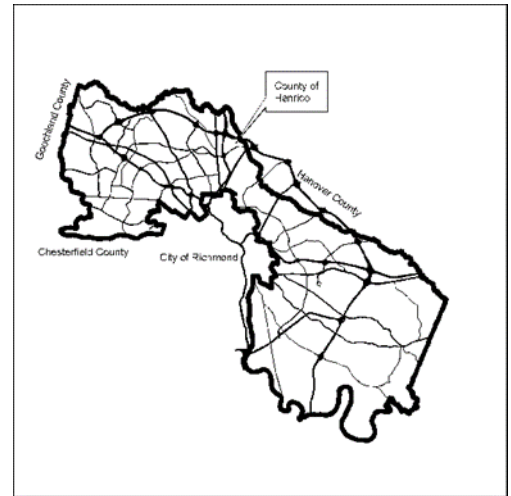
Operating Impacts:

Project does not impact existing operations but rather allows HCPS to have flexibility in procuring land resources related to expansion.

Project Milestones:

- There are no project milestones for this project.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	3,000,000	-	-	-	-	3,000,000
FFE	-	-	-	-	-	-	-
Total	\$-	\$3,000,000	\$-	\$-	\$-	\$-	\$3,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Jackson Davis Elementary School Replacement Planning & Construction - 06672

Department Education	Funding Source No Funding Source	Project Location Jackson Davis Elementary School 8801 Nesselwood Dr
Magisterial District Three Chopt	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

This project is a facility replacement of the existing Jackson Davis Elementary School, originally constructed in 1962.

Service Impact:

Project proposes to construct a replacement facility that meets current building code and educational standards.

Operating Impacts:

Project will update the learning and teaching environment for students and faculty by providing a facility that meets modern educational standards.

Project Milestones:

This project is proposed for FY2023 and is currently unfunded. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$3,528,705	\$-	\$-	\$-	\$3,528,705
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	192,162	-	-	-	192,162
Construction	-	-	30,917,309	-	-	-	30,917,309
Other	-	-	2,450,294	-	-	-	2,450,294
FFE	-	-	1,852,159	-	-	-	1,852,159
Total	\$-	\$-	\$38,940,629	\$-	\$-	\$-	\$38,940,629
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Academy at Virginia Randolph Partial Replacement Plan & Construction - 06741

Department Education	Funding Source No Funding Source	Project Location Virginia Randolph Complex 2204 Mountain Rd
Magisterial District Fairfield	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is a renovation and partial replacement of a portion of the existing Virginia Randolph Complex, originally constructed in 1960.

Service Impact:

Project proposes to update the facility to meet current building code and educational standards.

Operating Impacts:

Project will update the learning and teaching environment for students and faculty by bringing the facility to modern educational standards.

Project Milestones:

This project is proposed for FY2023 and is currently unfunded. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$5,301,569	\$-	\$-	\$-	\$5,301,569
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	192,162	-	-	-	192,162
Construction	-	-	47,136,732	-	-	-	47,136,732
Other	-	-	2,575,626	-	-	-	2,575,626
FFE	-	-	2,662,479	-	-	-	2,662,479
Total	\$-	\$-	\$57,868,568	\$-	\$-	\$-	\$57,868,568
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Holladay Elementary School Renovation Planning & Construction

Department Education	Funding Source No Funding Source	Project Location Holladay Elementary School 7300 Galaxie Rd
Magisterial District Brookland	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is an update to the Holladay Elementary School, originally constructed in 1966. The renovation will update building systems, including HVAC and electrical, and will provide window replacements and new interior finishes. The renovation will update the school to current educational and building code standards.

Service Impact:

Project proposes to update the facility to meet current building code and educational standards.

Operating Impacts:

Project will update the learning and teaching environment for students and faculty by bringing the facility to modern educational standards.

Project Milestones:

This is a newly proposed project scheduled proposed for FY2023. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	23,951,494	-	-	-	23,951,494
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$23,951,494	\$-	\$-	\$-	\$23,951,494
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Fairfield Area Elementary School Design & Construction

Department Education	Funding Source No Funding Source	Project Location Woodman Rd
Magisterial District Fairfield	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

This project is to design and construct a new elementary school in the Fairfield area.

Service Impact:

Project will ensure future ability to meet growing student population and increased demand for elementary school capacity in the Fairfield Magisterial District.

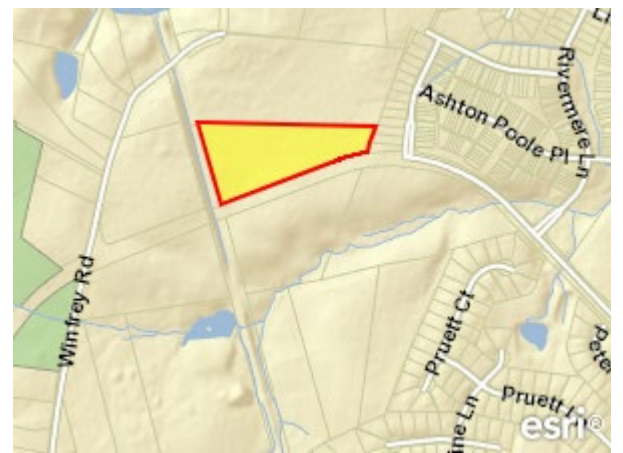
Operating Impacts:

Project will increase elementary school student capacity in this area of the County.

Project Milestones:

This project is scheduled to commence in FY2024 and is currently unfunded. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	39,250,376	-	-	39,250,376
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$39,250,376	\$-	\$-	\$39,250,376
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Longan Elementary School Replacement Planning & Construction - 06673

Department Education	Funding Source No Funding Source	Project Location Longan Elementary School 9200 Maplevue Ave
Magisterial District Brookland	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

This project is a facility replacement for Longan Elementary School, originally constructed in 1965.

Service Impact:

Project proposes to construct a replacement facility that meets current building code and educational standards.

Operating Impacts:

Project will update the learning and teaching environment for students and faculty by providing a facility that meets modern educational standards.

Project Milestones:

This project is proposed for FY2024 and is currently unfunded. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	40,921,921	-	-	40,921,921
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$40,921,921	\$-	\$-	\$40,921,921
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Highland Springs Elementary School Renovation Planning & Construction - 06743

Department Education	Funding Source No Funding Source	Project Location Highland Springs Elementary 600 Pleasant St
Magisterial District Varina	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is an upgrade for Highland Springs Elementary School, originally built in 1966.

Service Impact:

Project proposes to update the facility to meet current building code and educational standards.

Operating Impacts:

Project will update the learning and teaching environment for students and faculty by bringing the facility to modern educational standards.

Project Milestones:

This project is proposed for FY2024 and is currently unfunded. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	22,961,524	-	-	22,961,524
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$22,961,524	\$-	\$-	\$22,961,524
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Hungary Creek Middle School 8 Classroom Addition

Department Education	Funding Source No Funding Source	Project Location Hungary Creek Middle School 4909 Francistown Rd
Magisterial District Brookland	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is a facility upgrade for Hungary Creek Middle School consisting of the addition of 8 new classrooms.

Service Impact:

Project seeks to expand facility space in order to meet the growing demand of the student population and new health guidelines.

Operating Impacts:

Project will expand the learning and teaching environment for students and faculty.

Project Milestones:

This is a newly proposed project proposed for FY2024. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	11,874,459	-	-	11,874,459
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$11,874,459	\$-	\$-	\$11,874,459
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

West Area Elementary School 6 Classroom Addition

Department Education	Funding Source No Funding Source	Project Location TBD
Magisterial District Three Chopt	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is a facility upgrade for a to be determined Elementary School in the West Area of the County consisting of the addition of 6 new classrooms.

Service Impact:

Project seeks to expand facility space in order to meet the growing demand of the student population and new health guidelines.

Operating Impacts:

Project will expand the learning and teaching environment for students and faculty.

Project Milestones:

This is a newly proposed project proposed for FY2024. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	6,855,927	-	-	6,855,927
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$6,855,927	\$-	\$-	\$6,855,927
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Quioccasin Middle School Replacement Planning & Construction - 08773

Department Education	Funding Source No Funding Source	Project Location Quioccasin Middle School 9400 Quioccasin Rd
Magisterial District Tuckahoe	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

This project is a facility replacement for Quioccasin Middle School, originally constructed in 1971.

Service Impact:

Project proposes to construct a replacement facility that meets current building code and educational standards.

Operating Impacts:

Project will update the learning and teaching environment for students and faculty by providing a facility that meets modern educational standards.

Project Milestones:

This project is proposed for FY2025 and is currently unfunded. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	85,271,087	-	85,271,087
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$85,271,087	\$-	\$85,271,087
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Carver Elementary School Renovation Planning & Construction - 06746

Department Education	Funding Source No Funding Source	Project Location Carver Elementary School 1801 Lauderdale Dr
Magisterial District Tuckahoe	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is an upgrade for Carver Elementary School, originally built in 1966.

Service Impact:

Project proposes to construct a replacement facility that meets current building code and educational standards.

Operating Impacts:

Project will update the learning and teaching environment for students and faculty by providing a facility that meets modern educational standards.

Project Milestones:

This project is proposed for FY2025 and is currently unfunded. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	21,401,018	-	21,401,018
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$21,401,018	\$-	\$21,401,018
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Three Chopt Elementary School Renovation Planning & Construction - 08774

Department Education	Funding Source No Funding Source	Project Location Three Chopt Elementary School 1600 Skipwith Rd
Magisterial District Three Chopt	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is a facility upgrade for Three Chopt Elementary School, originally built in 1971.

Service Impact:

Project proposes to update the facility to meet current building code and educational standards.

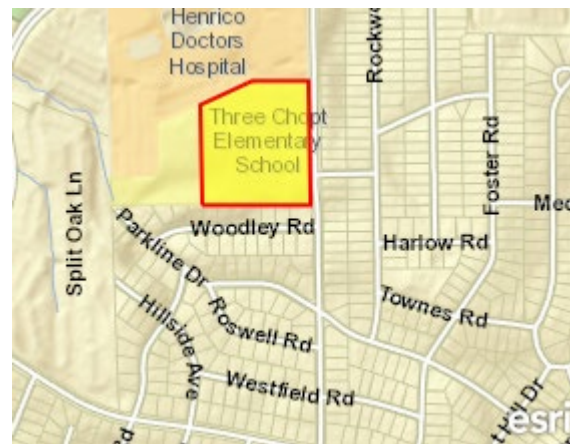
Operating Impacts:

Project will update the learning and teaching environment for students and faculty by bringing the facility to modern educational standards.

Project Milestones:

This project is proposed for FY2025 and is currently unfunded. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	15,450,076	-	15,450,076
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$15,450,076	\$-	\$15,450,076
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Hermitage High School Renovation Planning & Construction - 08775

Department Education	Funding Source No Funding Source	Project Location Hermitage High School 8301 Hungary Springs Rd
Magisterial District Brookland	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is a facility upgrade for Hermitage High School, originally built in 1972.

Service Impact:

Project proposes to update the facility to meet current building code and educational standards.

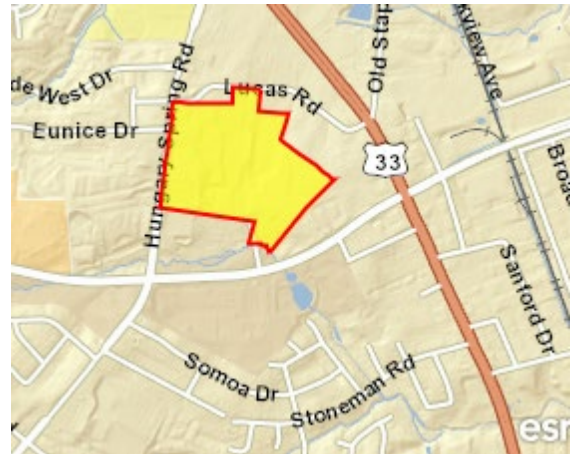
Operating Impacts:

Project will update the learning and teaching environment for students and faculty by bringing the facility to modern educational standards.

Project Milestones:

This project is proposed for FY2026 and is currently unfunded. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	106,303,547	106,303,547
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$-	\$106,303,547	\$106,303,547
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Dumbarton Elementary School Renovation Planning & Construction - 08772

Department Education	Funding Source No Funding Source	Project Location Dumbarton Elementary School 9000 Hungary Springs Rd
Magisterial District Brookland	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project is an upgrade for Dumbarton Elementary School, originally built in 1971.

Service Impact:

Project proposes to update the facility to meet current building code and educational standards.

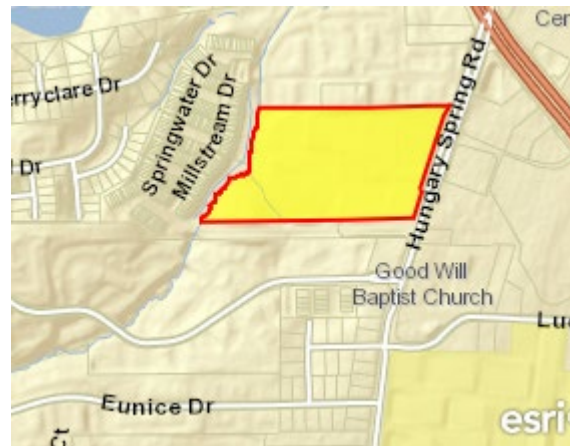
Operating Impacts:

Project will update the learning and teaching environment for students and faculty by bringing the facility to modern educational standards.

Project Milestones:

This project is proposed for FY2026 and is currently unfunded. Project milestones have not yet been determined.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	26,436,509	26,436,509
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$-	\$26,436,509	\$26,436,509
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-



Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Fire

Project	Priority	Recommended	Request	Request	Request	Request	Request	Request	Total
		FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	FY27-FY31	Ten Year
13003 Firehouse 23 - Eastgate/Newbridge	1	11,055,685	1,405,240	9,864,960	0	0	0	0	11,270,200
06177 Firehouse #6 Relocation and Construction	2	440,000	435,439	1,636,098	10,235,376	0	0	0	12,306,913
13002 Staples Mill Firehouse Stormwater Basin	3	1,250,000	1,250,000	0	0	0	0	0	1,250,000
06366 Firehouse #1 Relocation and Construction	4	0	0	0	2,493,246	10,594,894	0	0	13,088,140
06529 Firehouse #11 Replacement and Construction	5	0	0	0	0	2,362,378	10,290,615	0	12,652,993
06519 Firehouse #4 Relocation and Construction	6	0	0	0	0	0	2,390,865	10,202,187	12,593,052
New Firehouse #14 Addition/Renovation	7	0	0	0	0	0	0	1,073,316	1,073,316
New Fire Tactical Training Facility	8	0	0	0	0	0	0	6,957,187	6,957,187
New Firehouse #15 Addition/Renovation	9	0	0	0	0	0	0	1,260,479	1,260,479
New Firehouse #16 Addition/Renovation	10	0	0	0	0	0	0	1,087,218	1,087,218
New Firehouse #17 Addition/Renovation	11	0	0	0	0	0	0	1,726,693	1,726,693
Department Subtotal		12,745,685	3,090,679	11,501,058	12,728,622	12,957,272	12,681,480	22,307,080	75,266,191

Firehouse 23 – Eastgate/Newbridge Fire Station – 13003

Department Division of Fire	Funding Source G.O. Bonds – General Gov’t 2016 & Bond Premiums	Project Location 5618 Nine Mile Road
Magisterial District Varina	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

This project is to build a Firehouse on five acres of land at Nine Mile Road and Westover Avenue which was purchased in 2018. The facility will have a building footprint of approximately 11,200 SF and 1,045 SF of mezzanine. The proposed Firehouse design meets current operational requirements and accommodates firefighting apparatus. The project includes private gender-neutral restrooms and individual bunkrooms, ideally located near the bay room. Other features of this Firehouse include 3 drive-thru bays, an area designated for training/conferences, 3 administrative offices, a Battalion Chief office, a day room, a fitness room, and outdoor storage. An engine and a fire medic unit would be assigned to this station. Bond funding of \$9.6 million was approved as part of the 2016 G.O. Bond Referendum. Project planning and design can begin if \$1.4 million of bond premiums proposed for Board consideration is appropriated in FY 2021.

Service Impact:

Improve delivery of existing services.

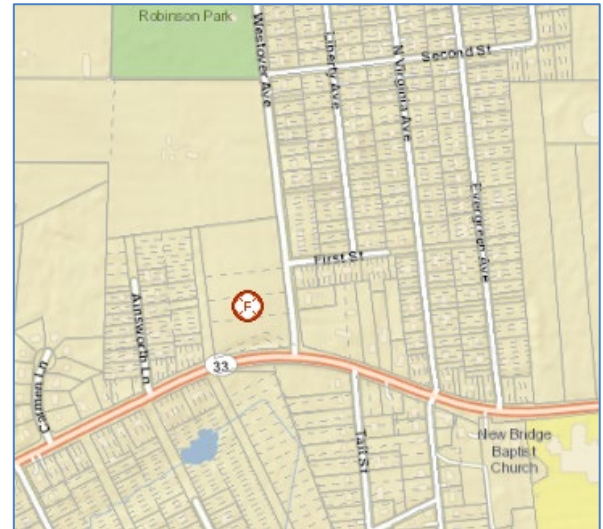
Operating Impact:

This additional Firehouse would increase the fire complement by twenty-two personnel - one Captain, three Lieutenants, and eighteen Firefighters along with \$337,260 in annual operational funding.

Project Milestones:

- Design: July 2021 – July 2022
- Bid: July 2022 – August 2022
- Construction: Sept. 2022 – Oct. 2023

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$1,405,240	\$-	\$-	\$-	\$-	\$1,405,240
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	425,774	-	-	-	425,774
Construction	-	-	6,628,900	-	-	-	6,628,900
Other	-	-	991,270	-	-	-	991,270
FFE	-	-	1,819,016	-	-	-	1,819,016
Total	\$-	\$1,405,240	\$9,864,960	\$-	\$-	\$-	\$11,270,200
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$1,652,786	-	-	
Operating (incremental)	-	-	-	310,060	-	-	
Capital Outlay (incremental)	-	-	-	27,200	-	-	
Total Operating Impact	\$-	\$-	\$-	\$1,990,046	\$-	\$-	

Firehouse 6 - Relocation and Construction – 06177

Department Division of Fire	Funding Source Capital Reserve	Project Location Williamsburg Road
Magisterial District Varina	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

This project includes the purchase of thirteen acres of land and the construction for the relocation of the existing Firehouse 6 within its current assigned response area. This facility would have a footprint including an 11,000 SF building and 1,045 SF of mezzanine with operational and administrative space. The project includes private gender-neutral restrooms and individual bunkrooms, ideally located near the bay room. Other features of this Firehouse include 3 drive-thru bays, an area designated for training/conferences, a day room, 3 administrative offices, outdoor storage, and a fitness room. This station houses an engine, fire medic unit, and ladder truck. Renovating the existing structure is not cost effective due to the necessity of compliance with current ADA requirements, fire protection codes, building code regulations, as well as the inability to provide desired space.

Service Impact:

Improve delivery of existing services within current response area.

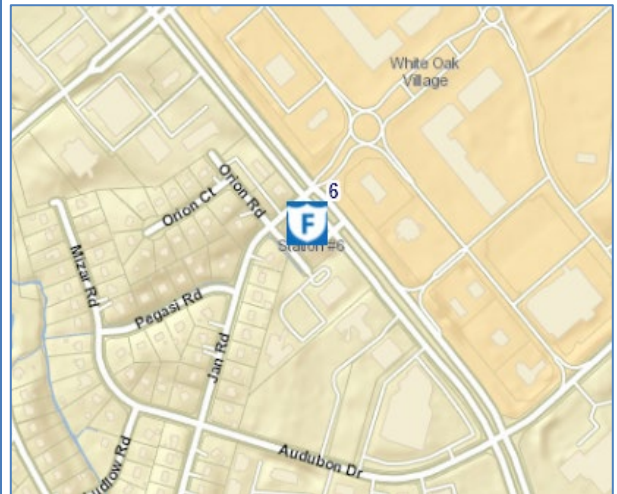
Operating Impact:

Incremental utility costs.

Project Milestones:

- Land Acquisition: FY22
- Design: FY23
- Construction: FY24

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$1,636,098	\$-	\$-	\$-	\$1,636,098
Land	-	435,439	-	-	-	-	435,439
Offsite Improvements/Utilities	-	-	-	743,045	-	-	743,045
Construction	-	-	-	7,225,400	-	-	7,225,400
Other	-	-	-	1,129,184	-	-	1,129,184
FFE	-	-	-	1,137,747	-	-	1,137,747
Total	\$-	\$435,439	\$1,636,098	\$10,235,376	\$-	\$-	\$12,306,913
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	23,524	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$23,524	\$-	

Firehouse 20 – Staples Mill Fire Station Stormwater Basin - 13002

Department Division of Fire	Funding Source Bond Premiums	Project Location 4016 Hooper Road
Magisterial District Brookland	Project Classification Drainage	Project Type Non-Recurring

Project Description:

This is a supplement to the existing Firehouse 20 construction project to cover additional costs associated with the construction expenses for the new Staples Mill Fire Station. These additional costs are associated with the construction of a regional stormwater basin intended to accommodate the future development of County-owned property between Hooper Rd. and Dixon Powers Dr.

Service Impact:

Improve delivery of existing services.

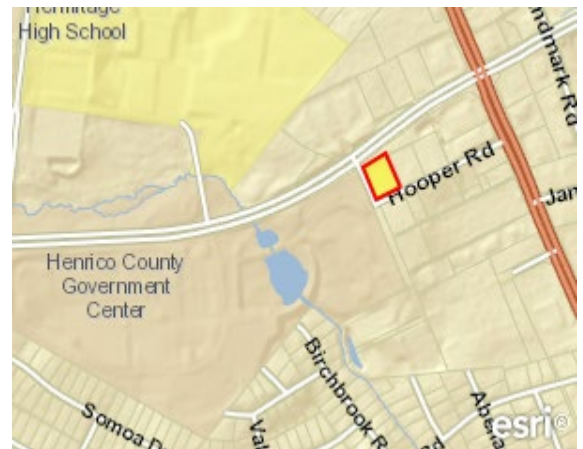
Operating Impact:

Based on the current level of development and actual calls for service, the Staples Mill Firehouse is expected to handle 2,969 first-due emergency incidents per year, not including second-due responses into adjacent areas.

Project Milestones:

This project is to be added to the existing timeline for the Firehouse 20 Project.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	1,250,000	-	-	-	-	1,250,000
FFE	-	-	-	-	-	-	-
Total	\$-	\$1,250,000	\$-	\$-	\$-	\$-	\$1,250,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	-	-	-
Operating (incremental)	-	-	-	-	-	-	-
Capital Outlay (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Firehouse 1 - Relocation and Construction – 06366

Department Division of Fire	Funding Source No Funding Source	Project Location Within Current Response Area
Magisterial District Fairfield	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

This project includes the purchase of approximately five and a half acres of land and the construction of a new Firehouse 1. The facility footprint includes a 12,884 SF building and 1,200 SF of mezzanine. The proposed Firehouse will be designed to meet current operational requirements and accommodate firefighting apparatus. The project includes private gender-neutral restrooms and individual bunkrooms, ideally located near the bay room. Other features of this Firehouse include 4 drive-thru bays, an area designated for training/conferences, a day room, 3 administrative offices, outdoor storage, and a fitness room. The units currently assigned to this station include an engine, ladder truck, Technical Rescue Team, and an ambulance.

The current site is not conducive to future expansion due to the presence of a stream and the topography of the land. The station continues to experience water, parking, septic system, and living quarter issues. Due to facility capacity limitations, the Technical Rescue Team tractor trailer must be parked outside, exposed to the elements, but would move inside in the new design.

Service Impact:

Improve delivery of existing services in current response area.

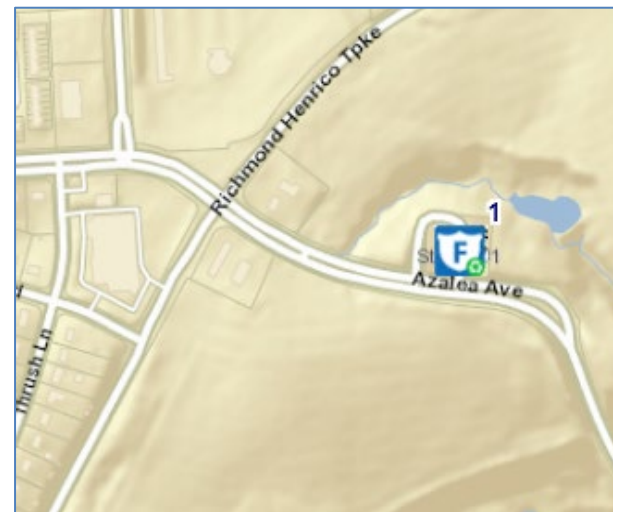
Operating Impact:

Incremental utility costs.

Project Milestones:

- Land Acquisition: FY24
- Design: FY24
- Construction: FY25

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$1,747,419	\$-	\$-	\$1,747,419
Land	-	-	-	745,827	-	-	745,827
Offsite Improvements/Utilities	-	-	-	-	486,775	-	486,775
Construction	-	-	-	-	7,867,208	-	7,867,208
Other	-	-	-	-	1,090,030	-	1,090,030
FFE	-	-	-	-	1,150,881	-	1,150,881
Total	\$-	\$-	\$-	\$2,493,246	\$10,594,894	\$-	\$13,088,140
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	29,613	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$29,613	

Firehouse 11 – Relocation and Construction – 06529

Department Division of Fire Magisterial District Fairfield	Funding Source No Funding Source Project Classification Building (New)	Project Location Within Current Response Area Project Type Non-recurring
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Project Description:

This project includes the potential purchase of land to either relocate or rebuild on the current site within Firehouse 11’s general assigned response area. This facility will have an 11,000 SF building and 1,045 SF of mezzanine with operational and administrative space. The project includes private gender-neutral restrooms and individual bunkrooms, ideally located near the bay room. Other features include 3 drive-thru bays, an area designated for training/conferences, a day room, 3 administrative offices, a fitness room, and outdoor storage. This station houses an engine and fire medic unit. The estimated costs to renovate the existing structure is not cost effective due to compliance with current ADA requirements, fire protection codes, building code regulations, as well as the inability to provide the desired space.

Service Impact:

Improve delivery of existing services within current response area.

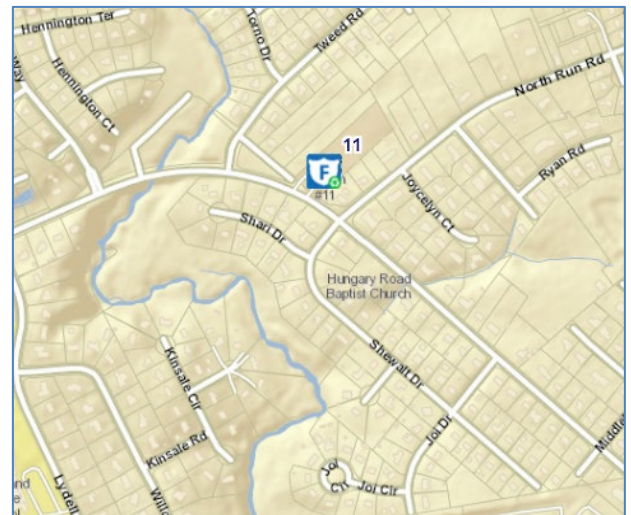
Operating Impacts:

Incremental utility costs.

Project Milestones:

- Land Acquisition: FY25
- Design: FY25
- Construction: FY26

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-31
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$1,639,858	\$-	\$-	\$1,639,858
Land	-	-	-	-	722,520	-	-	722,520
Offsite Improvements/Utilities	-	-	-	-	-	665,019	-	665,019
Construction	-	-	-	-	-	7,322,382	-	7,322,382
Other	-	-	-	-	-	1,110,003	-	1,110,003
FFE	-	-	-	-	-	1,193,211	-	1,193,211
Total	\$-	\$-	\$-	\$-	\$2,362,378	\$10,290,615	\$-	\$12,652,993
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	27,965	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$27,965	

Firehouse 4 – Relocation and Construction – 06519

Department Division of Fire	Funding Source No Funding Source	Project Location Within Current Response Area
Magisterial District Varina	Project Classification Building (New)	Project Type Non-recurring

Project Description:

This project includes the potential purchase of land to either relocate or rebuild on the current site within Firehouse 4's general assigned response area. This facility footprint includes an 11,000 SF building and 1,045 SF of mezzanine with operational and administrative space. The project includes private gender-neutral restrooms and individual bunkrooms, ideally located near the bay room. Other features of this Firehouse include 3 drive-thru bays, an area designated for training/conferences, 3 administrative offices, a day room, a fitness room, and outdoor storage. This facility houses an engine, fire medic unit, tanker, and brush truck. Renovating the existing structure is not cost effective due to changes for current ADA requirements, fire protection codes, building code regulations, as well as the inability to provide desired space.

Service Impact:

Improve delivery of existing services within current response area.

Operating Impact:

Incremental utility costs.

Project Milestones:

- Land Acquisition: FY26
- Design: FY26
- Construction: FY27

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-31
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$1,625,844	\$-	\$1,625,844
Land	-	-	-	-	-	765,021	-	765,021
Offsite Improvements/Utilities	-	-	-	-	-	-	379,462	379,462
Construction	-	-	-	-	-	-	7,503,840	7,503,840
Other	-	-	-	-	-	-	1,102,989	1,102,989
FFE	-	-	-	-	-	-	1,215,896	1,215,896
Total	\$-	\$-	\$-	\$-	\$-	\$2,390,865	\$10,202,187	\$12,593,052
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	31,868	31,868
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$31,868	\$31,868



Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

General Services

Project	Priority	Recommended	Request	Request	Request	Request	Request	Request	Total Ten Year
		FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	FY27-FY31	
00572 Mechanical Improvements	1	500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	TBD	10,000,000
00425 Roof Replacement and Rehabilitation	2	1,200,000	1,065,800	1,130,243	959,637	743,786	897,840	TBD	4,797,306
08768 Juvenile Courts Parking Lot Expansion	3	0	637,339	0	0	0	0	0	637,339
00423 Pavement Rehabilitation	4	500,000	900,000	900,000	900,000	900,000	900,000	TBD	4,500,000
06477 Small Project Improvements and Renovations	5	200,000	500,000	500,000	500,000	500,000	500,000	TBD	2,500,000
01198 Energy Management	6	100,000	500,000	500,000	500,000	500,000	500,000	TBD	2,500,000
08563 Library HQ Streambank Restoration	7	0	523,823	0	0	0	0	0	523,823
01199 County Generator Program	8	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	TBD	5,000,000
08767 County Buildings Restroom Refresh	9	0	650,000	650,000	650,000	650,000	650,000	TBD	3,250,000
08881 Circuit Court Clerks Area Renew Repurpose	10	0	333,971	0	0	0	0	0	333,971
06103 CAM East & Road Crew Building	11	0	0	0	0	2,462,120	1,854,045	18,176,301	22,492,466
New Eastern Government Swing Space Building	12	0	0	0	0	0	0	13,243,559	13,243,559
New Easter Government Center Renovations	13	0	0	0	0	0	0	7,631,434	7,631,434
Department Subtotal		2,500,000	8,110,933	6,680,243	6,509,637	8,755,906	8,301,885	39,051,294	77,409,898

Mechanical Improvements - 00572

Department General Services	Funding Source General Fund	Project Location Countywide
Magisterial District General Government	Project Classification Building Improvements	Project Type Recurring

Project Description:

The Mechanical Improvement Program was established to replace older mechanical/electrical systems and equipment essential to the efficient operation of County facilities. The program addresses critical needs in the first year and provides a road map for potential needs in future years.

Service Impact:

Address demands of growth and development of Henrico County.

Operating Impacts:

There are no operating cost impacts as a result of this program.

Project Milestones:

- FY22 projects included 2 Jail East air handlers, Jail West chiller 2 of 2, Administration chiller 2 of 2, Jail East chiller 1 of 2, and Juvenile Courts RTU 8.

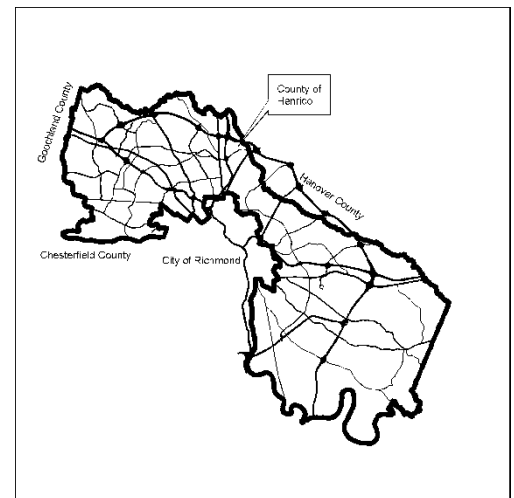
Subsequent years based on available funding include the following:

- FY23 - Jail East Boiler #2, Old Fairfield Library replacement of air handlers and controls, Continue Admin VAV's (AHU-1).

Project Milestones (cont):

- FY24 - Training Center cooling towers, Juvenile Courts RTU-3, Juvenile Courts RTU-7.
- FY25 - Admin Annex HVAC-3, The Springs replace controls, Belmont Rec replace boiler.
- FY26 - East Rec. Center replace chiller, Dorey Park Rec. replace chiller.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
FFE	-	-	-	-	-	-	-
Total	\$-	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Roof Replacement and Rehabilitation - 00425

Department General Services	Funding Source General Fund	Project Location Countywide
Magisterial District General Government	Project Classification Building Improvements	Project Type Recurring

Project Description:

County roof systems need systematic replacement or rehabilitation averaging every twenty years. Due to the diverse styles and ages of roofing systems throughout the County, a structured system is used to manage these roofs as well as implement the replacement/repair of the highest priority sites. Roof systems are evaluated to best determine repairs or rehabilitation efforts can be implemented to extend their useful life. This request would provide funding intended for roof replacements at the EOC 911 Training Center and the Walkerton Tavern Roof.

Service Impact:

Address demands of growth and development of Henrico County

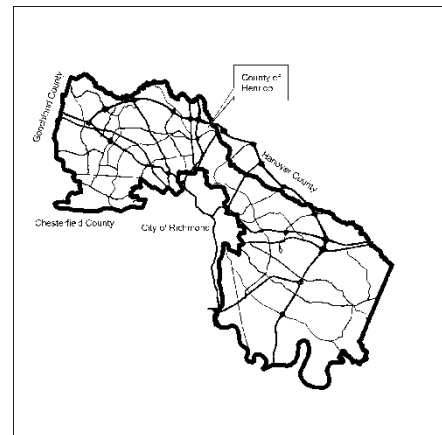
Operating Impacts:

There are no operating cost increases as a result of this program.

Project Milestones:

- Prior funding addressed roof replacements for the Mental Health Metal Woodman Road Roof, the Public Safety Building, Fire Station No. 1, and the J&DR Courts and Juvenile Detention roofing.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	1,065,800	1,130,243	959,637	743,786	897,840	4,797,306
FFE	-	-	-	-	-	-	-
Total	\$-	\$1,065,800	\$1,130,243	\$959,637	\$743,786	\$897,840	\$4,797,306
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Juvenile Courts Parking Lot Expansion - 08768

Department General Services	Funding Source No Funding Source	Project Location Juvenile Courts Building, Dixon Powers Drive & Hooper Road
Magisterial District Brookland	Project Classification Site Improvements	Project Type Non-recurring

Project Description:

This project provides for improvements to the temporary Juvenile Courts parking lot to provide permanent parking. Improvements include curb & gutter, drainage, pavement, and additional lighting. Storm water drainage for the Parking lot is intended to tie into the storm water system associated with Firehouse 20 when completed. This project includes utility work for this tie-in.

Service Impact:

Completes the parking lot construction to meet parking standards.

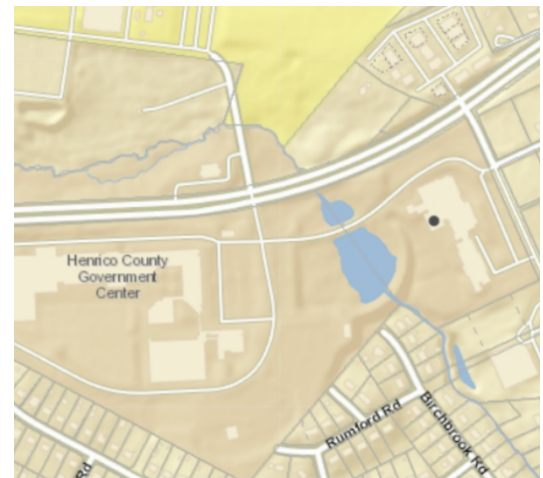
Operating Impacts:

There are no operating cost impacts as a result of this project.

Project Milestones:

- Funding was included in the FY21 Manager’s Proposed budget but cut due to COVID-19.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$95,588	\$-	\$-	\$-	\$-	\$95,588
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	66,555	-	-	-	-	66,555
Construction	-	419,867	-	-	-	-	419,867
Other	-	55,329	-	-	-	-	55,329
FFE	-	-	-	-	-	-	-
Total	\$-	\$637,339	-	-	-	-	\$637,339
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Pavement Rehabilitation - 00423

Department General Services	Funding Source General Fund	Project Location Countywide
Magisterial District General Government	Project Classification Site Improvements	Project Type Recurring

Project Description:

Due to the amount of pavement and sidewalks at facilities throughout the County, the continuation of an on-going project to reconstruct and rehabilitate select sites is requested. Issues to be addressed include heaving/structural failure of concrete, aprons and drives, fatigue cracking/delaminating of asphalt surfaces, water penetration, depressions, spalling sidewalks, and other potential problems.

Service Impact:

Improve delivery of existing services.

Operating Impacts:

There are no operating impacts.

Project Milestones:

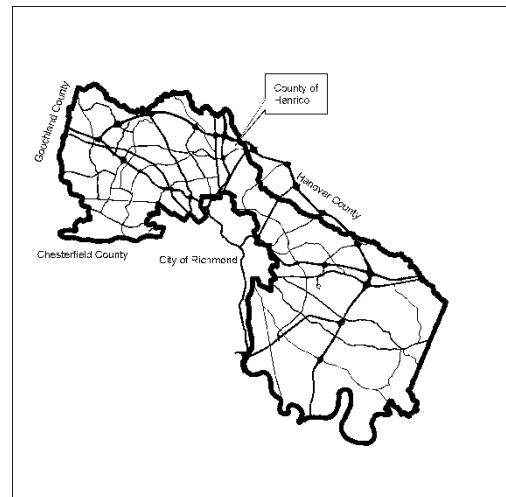
- FY22 projects included the milling and replacement of pavement at Recreation and Parks main office, East Government Center, Public Safety Parking, Training Center, and 911 lot as well as select sidewalk/patio concrete repair.

Project Milestones (cont):

Subsequent years based on available funding include the following:

- FY23: Admin, Admin Annex and Courts replace sidewalks, EDA mill and pave.
- FY24-26: Tuckahoe Library mill and pave, Old Fairfield Library mill and pave, Juvenile Courts and Detention mill and pave.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	900,000	900,000	900,000	900,000	900,000	4,500,000
FFE	-	-	-	-	-	-	-
Total	\$-	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$4,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Small Project Improvements and Renovations - 06477

Department General Services	Funding Source General Fund	Project Location Countywide
Magisterial District General Government	Project Classification Building Improvements	Project Type Recurring

Project Description:

This project provides for small project improvements and renovations, such as: office revisions, kitchen rehabs, select interior refreshes, security improvements, signage upgrades, and special requests. Each year General Services is requested to assist agencies in making small improvements or renovations. This program will provide a need-based approach to addressing agency requests.

Service Impact:

Address demands of growth and development of Henrico County.

Operating Impacts:

There are no operating cost increases as a result of this project.

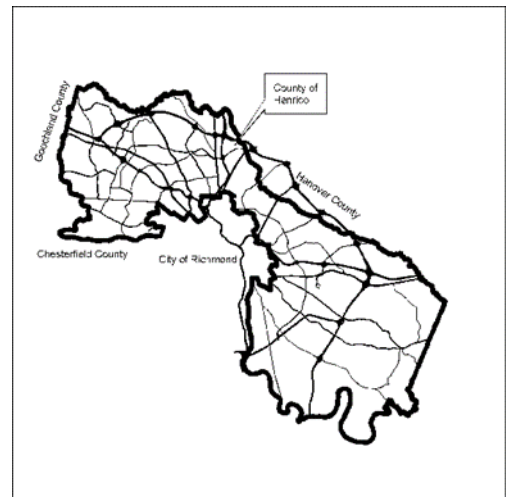
Project Milestones:

- FY22: EGC Renovations, Voter Registration, Misc. Office Renovation Requests (Comm Corr / Drug Ct, General District Cts) Courthouse Bollards
- FY23: Planning Office Refresh, Public Relations Office Renovation
- FY24: Planning Office Refresh Phase 2, Ag & Home Ext, Public Relations Studio Renovations

Project Milestones (cont):

- FY25: Department of Public Utilities Office Refresh, Misc. Renovation requests
- FY26: Department of Public Utilities Office Refresh Phase 2, Misc. Renovation requests

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	500,000	500,000	500,000	500,000	500,000	2,500,000
FFE	-	-	-	-	-	-	-
Total	\$-	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Energy Management - 01198

Department General Services	Funding Source General Fund	Project Location Countywide
Magisterial District General Government	Project Classification Building Improvements	Project Type Recurring

Project Description:

Annual funding to continue the Energy Management program that provides energy efficiency improvements through lighting, HVAC, and other upgrades. The Energy Management program targets projects that provide a five year or less return on investment from energy savings.

Service Impact:

Improve levels of efficiency

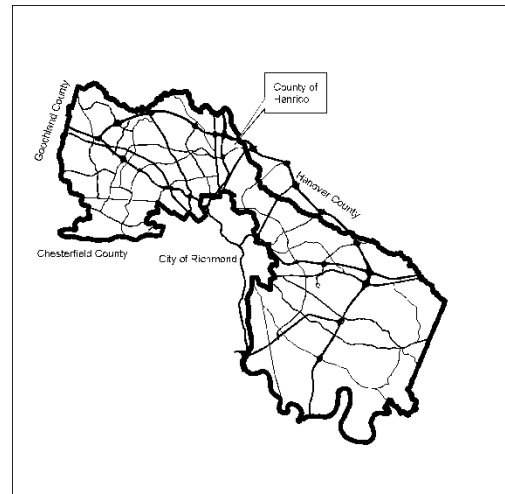
Operating Impacts:

There are no operating cost increases.

Project Milestones:

- Funding for the current project was appropriated in FY17, FY19, and FY20.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
FFE	-	-	-	-	-	-	-
Total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Library HQ Streambank Restoration - 08563

Department General Services	Funding Source No Funding Source	Project Location Between Library HQ and Tuckahoe Library, 1720 North Parham Road
Magisterial District Tuckahoe	Project Classification Site Improvements	Project Type Non-recurring

Project Description:

The project is required to stabilize the eroding streambank that runs between Library Headquarters and the new Tuckahoe Library. The scope of work consists of clearing and grubbing no more than one acre of large trees on both sides of a stream. The stream channel will be regraded and stabilized with rip rap. The banks will be graded and stabilized with new vegetation. A new manhole and 15" storm piping will be added to direct existing storm water to the stabilized channel. The work should be done as soon as possible as erosion is occurring with every major rain event.

Service Impact:

Restore streambank to stabilize it and repair erosion.

Operating Impacts:

There are no operating cost impacts.

Project Milestones:

- This project is planned for FY22

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$93,943	\$-	\$-	\$-	\$-	\$93,943
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	372,000	-	-	-	-	372,000
Other	-	57,880	-	-	-	-	57,880
FFE	-	-	-	-	-	-	-
Total	\$-	\$523,823	-	-	-	-	\$523,823
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

County Generator Program - 01199

Department General Services	Funding Source No Funding Source	Project Location Countywide
Magisterial District General Government	Project Classification Building Improvements	Project Type Recurring

Project Description:

This project consists of adding generators in select areas of need throughout the County. The year one project will replace the rooftop Administration Annex generator with a ground mounted generator and provide an emergency generator for the Cultural Arts Center to support emergency power functions, including site lighting which will increase security during power outages. Years 2 through 5 anticipate replacement of generators that will reach the end of their serviceable life.

Service Impact:

Provide emergency power during outages.

Operating Impacts:

There are no operating cost impacts.

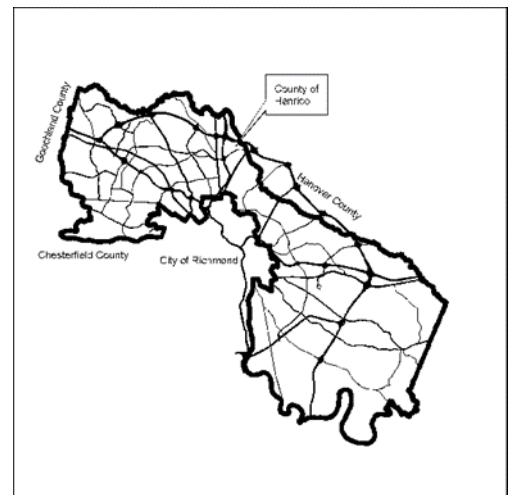
Project Milestones:

- Funding for this project was appropriated in FY05, FY06, FY08, FY09, and FY11.

Project Milestones (cont):

- Based on available funding the following generators will be 25 or more years old by 2026: Admin, Courts, Jail West, Juvenile Detention, Jail East, Training Center, Public Safety, Firehouse #4, Firehouse #15, Mental Health Woodman Road, Telephone Building.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
FFE	-	-	-	-	-	-	-
Total	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

County Buildings Restroom Refresh - 08767

Department General Services	Funding Source No Funding Source	Project Location Countywide
Magisterial District General Government	Project Classification Building Improvements	Project Type Recurring

Project Description:

This project establishes an annual program to systematically provide restroom renovations to aging county building restrooms. Renovations include demolition and new construction for flooring, plumbing fixtures, ceilings, bathroom partitions, light fixtures, and finishes.

Service Impact:

Improve APA accessibility and water use efficiency.

Operating Impacts:

Construction will be staged such that only two restrooms will be renovated at a time, one Men's and one Women's. These restrooms will be unavailable during construction.

Project Milestones:

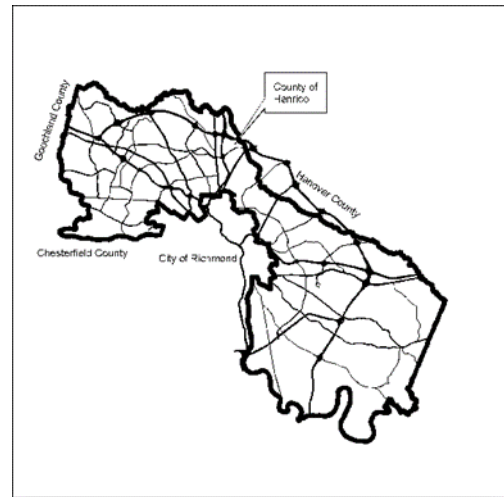
- FY 21 included restrooms by the Boardroom, first and second floor admin building public restrooms.
- FY 22/23 and 23/24 proposes to continue in the Administration Building and Annex Building.
- FY 24/25: EGC Restrooms.

Project Milestones (cont):

- FY25/26: J&DR Courts Restrooms.
- FY26/27: Continue J&DR Courts Restrooms.

Subsequent years would continue renovating other restrooms based on condition and age.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	650,000	650,000	650,000	650,000	650,000	650,000	3,250,000
FFE	-	-	-	-	-	-	-
Total	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$3,250,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Circuit Courts Clerks Area Renew - 08881

Department General Services	Funding Source No Funding Source	Project Location Countywide
Magisterial District General Government	Project Classification Building Improvements	Project Type Non-recurring

Project Description:

Renovate various areas in the Circuit Court Clerk's Office on the second floor of the County Courthouse. The nature of the work includes reconfiguring some office and workspace, refreshing breakroom / kitchen area, replacing the main reception counters, adding three new cubicles, replacing old cubicles in the civil and criminal work areas, upgrading electrical and lighting, adding data and phone drops, replacing carpet in civil, criminal, and probate areas, and minor HVAC and ceiling modifications. It is anticipated that a majority of the work will be required to be conducted at night and on weekends.

Service Impact:

Address demands of growth and development of Henrico County.

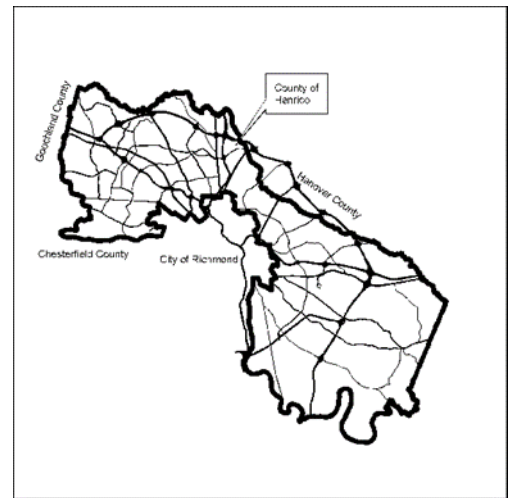
Operating Impacts:

Majority of this work will be required to be conducted at night and on weekends.

Project Milestones:

- Project funding requested in FY22.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$62,073	\$-	\$-	\$-	\$-	\$62,073
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	196,640	-	-	-	-	196,640
Other	-	44,703	-	-	-	-	44,703
FFE	-	30,555	-	-	-	-	30,555
Total	\$-	\$333,971	-	-	-	-	\$333,971
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

CAM East & Road Crew Building - 06103

Department General Services	Funding Source No Funding Source	Project Location CAM East -
Magisterial District Varina	Project Classification Building (New)	Project Type Non-recurring

Project Description:

The East End Depot, occupied by Central Automotive Maintenance (CAM) and Department of Public Works Road Crew Building, is aging and has inadequate space, equipment access, site circulation and parking to serve today's fleet. The more recent replacement of the DPW Equipment Sheds, Spreader Racks & Salt Dome provided improvements to the Dabbs House Depot, however the CAM/DPW Crew Building concerns remain. This project provides for the relocation of the CAM East operations and building to a new unidentified site, demolition of the existing CAM/DPW Crew Building and replacement with a new DPW Crew and Maintenance Building at Dabbs House Road.

Service Impact:

Improve delivery of existing services.

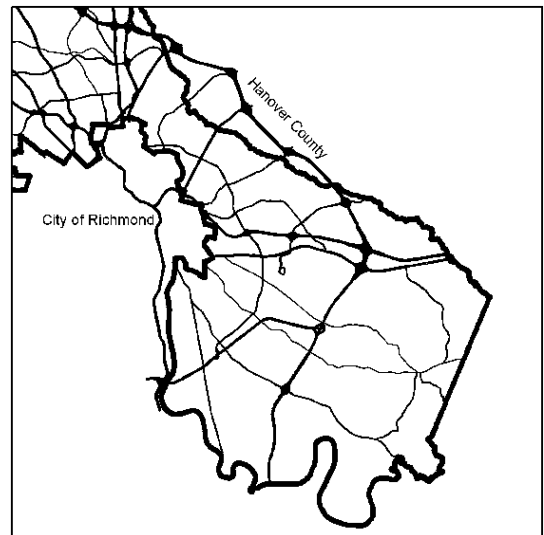
Operating Impacts:

There are no operating impacts.

Project Milestones:

- This project is slated for planning and design to begin in FY25

Projection Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond FY2026	Total FY2022 - 2026
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$2,462,120	\$-	\$-	\$2,462,120
Land	-	-	-	-	-	1,767,016	-	1,767,016
Offsite Improvements/Utilities	-	-	-	-	-	87,029	-	87,029
Construction	-	-	-	-	-	-	14,933,480	14,933,480
Other	-	-	-	-	-	-	1,788,089	1,788,089
FFE	-	-	-	-	-	-	1,454,732	1,454,732
Total	\$-	-	-	-	\$2,462,120	\$1,854,045	\$18,176,301	\$22,492,466
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Information Technology

Project	Priority	Recommended	Request	Request	Request	Request	Request	Request	Total
		FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	FY27-FY31	
06481 Information Technology Projects	1	1,500,000	2,368,000	2,085,000	780,000	2,060,000	2,250,000	TBD	9,543,000
00429 Geographic Information System	2	150,000	150,000	150,000	150,000	150,000	150,000	TBD	750,000
New E-911 Center Phone System Replacement	3	0	0	0	442,487	0	0	0	442,487
Department Subtotal		1,500,000	2,518,000	2,235,000	1,372,487	2,210,000	2,400,000	0	10,735,487

Information Technology Projects – #06481

Department Information Technology	Revenue Source General Fund Balance	Project Location Countywide
Magisterial District General Government	Project Classification Technology Improvement	Project Type Recurring

Project Description:

This project provides funding for the core infrastructure for Henrico County. This infrastructure is the backbone of every technology in use. This includes virtualization infrastructure, backup storage, storage area network upgrades, upgrade of specialized hardware such as firewall and network edge equipment, security related hardware and software, and database redundancy. This project maintains enterprise-level network and data center equipment/software which is not normally refreshed/ replaced/ upgraded annually but rather when it is out of maintenance or needs more capacity or features. This project also pays for consulting services for the Oracle EBS and other ad hoc Information Technology related counseling.

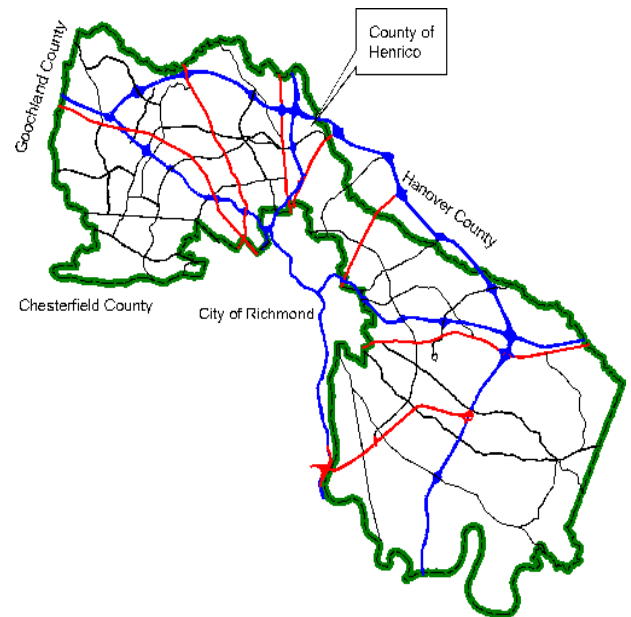
Service Impact:

This project improves existing service delivery.

Operating Impacts:

All system maintenance funds are covered in the annual operating budget. Systems that are replaced with funds from this project also have their associated maintenance funding re-purposed to cover maintenance costs of the new installed systems.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	2,368,000	2,085,000	780,000	2,060,000	2,250,000	9,543,000
FFE	-	-	-	-	-	-	-
Total	\$-	\$2,368,000	\$2,085,000	\$780,000	\$2,060,000	\$2,250,000	\$9,543,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Geographic Information System – #00429

Department Information Technology	Funding Source General Fund	Project Location Countywide
Magisterial District General Government	Project Classification Technology Improvement	Project Type Recurring

Project Description:

The project funds GIS-related equipment procurement and the recurring updates to the County's aerial orthophotography, planimetric base maps, LIDAR, and topography on a regular cycle. The County's GIS Strategic Guiding Plan sets a goal of an update to these data sets, at least, every other year for aerial orthophotography and every three to five years for the planimetric and topography data. This frequency is necessary to support the needs of the various agencies of the County. The primary purpose of this project is to support GIS-related equipment refresh cycles and the data update cycles of the County's base map datasets. These updated base map layers have become integral tools for the County, especially Community Development and Public Safety. Some of the more prominent uses of the base map data include real estate tax parcel mapping, impervious surface calculations, and public safety routing and planning.

Service Impact:

Project will improve the delivery of existing services provided.

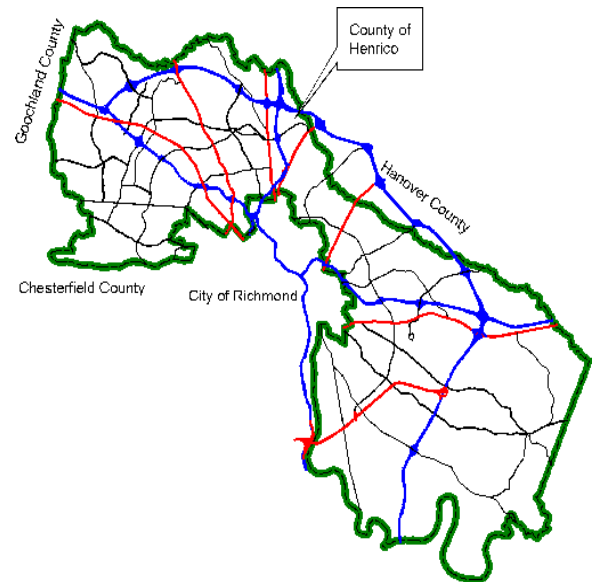
Operating Impacts:

No operating impacts are anticipated as all system/hardware updates that may accompany dataset updates are covered in the accompanying CIP project number 06481. No personnel impacts are expected as existing IT-GIS staff will maintain all new datasets realized using these funds.

Project Milestones:

- GIS/ Planimetric base Map Data Update
- GIS/ Aerial Orthophotography

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	150,000	150,000	150,000	150,000	150,000	750,000
FFE	-	-	-	-	-	-	-
Total	\$-	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

E-911 Center Phone System Replacement – New

Department Information Technology	Funding Source No Funding Source	Project Location Countywide
Magisterial District General Government	Project Classification Technology Improvement	Project Type Non-recurring

Project Description:

The county’s current E911 phone system was purchased in late 2016 and went live in January 2017. The system encompasses phone hardware, physical computer servers, and software. The seven-year contracted maintenance expires January 2024. This system upgrade will allow for continuity in providing E911 service to our citizens. This system also provides call queueing as well as texting services. In addition, the updated system will allow a group of E911 Dispatchers to be remotely located, if needed. In the recent past, the E911 Center has been evacuated and may need to be evacuated again due to COVID-19 or other unforeseen factors. These additional features will allow Dispatchers to respond to calls from satellite locations if the need arises.

Service Impact:

This project would improve upon existing services.

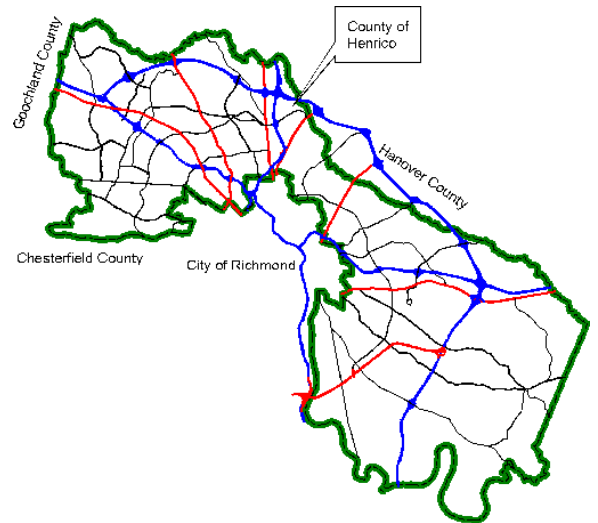
Operating Impacts:

The E911 system upgrade would include annual maintenance cost increases forecasted at about a 2% increase annually. Those anticipated annual costs are accounted for in projections.

Project Milestones:

- Planning, design, and basic system quoting has already occurred - July 2020
- System upgrade set to begin in Q4 CY2023 (Ideally, November 2023)
- System upgrade completion, acceptance testing, and "go live" in Q1 CY2024

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	-	-	442,487	-	-	442,487
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$442,487	\$-	\$-	\$442,487
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	152,017	14,861	4,480	
Total Operating Impact	\$-	\$-	\$-	\$152,017	\$14,861	\$4,480	

Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Mental Health									
Project	Priority	Recommended	Request	Request	Request	Request	Request	Request	Total
		FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	FY27-FY31	Ten Year
08605 Transitional Recovery Center	1	9,000,000	9,000,000	0	0	0	0	0	9,000,000
06662 Woodman Road Expansion Construction	2	0	0	0	0	0	1,979,821	12,262,945	14,242,766
Department Subtotal		9,000,000	9,000,000	0	0	0	1,979,821	12,262,945	23,242,766

Transitional Recovery Center – 08605

Department Mental Health	Funding Source Capital Reserve	Project Location Nine Mile Rd
Magisterial District Varina	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

The recovery center will provide a facility where residents can receive medically supervised drug and alcohol detoxification services, behavioral crisis care, and initial plan development for outpatient treatment and support.

Service Impact:

This project improves the scope of mental health services in the County by providing community outreach and an alternative to arrest or hospitalization for residents with substance abuse problems.

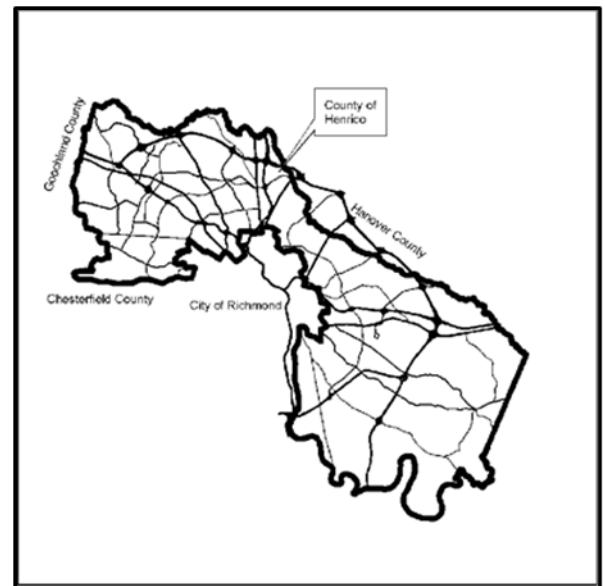
Operating Impacts:

This project will include space and staff for a 24/7 care facility.

Project Milestones:

- The transitional recovery center was a recommendation of the County-wide Recovery Roundtable.
- A total of \$3M was appropriated in FY2018-19 to begin the planning and design cost for the facility.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$1,269,103	\$261,021	\$-	\$-	\$-	\$-	\$261,021
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	1,730,897	\$5,831,648	-	-	-	-	\$5,831,648
Other	-	\$1,896,822	-	-	-	-	\$1,896,822
FFE	-	\$1,010,509	-	-	-	-	\$1,010,509
Total	\$3,000,000	\$9,000,000	\$-	\$-	\$-	\$-	\$9,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	199,127	-	-	-
Capital Outlay (incremental)	-	-	-	7,937	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$207,064	\$-	\$-	\$-

Woodman Rd Expansion – 06662

Department Mental Health	Funding Source No Funding Source	Project Location 10299 Woodman Rd
Magisterial District General Government	Project Classification Building Improvements	Project Type Non-recurring

Project Description:

This project would construct an addition to the MH/DS Woodman Rd. facility to allow for anticipated growth and the consolidation of a rental office.

Service Impact:

Demand for MH/DS services has steadily increased for the last several years. MH/DS projects the addition of fifty new staff at this location over the next ten years.

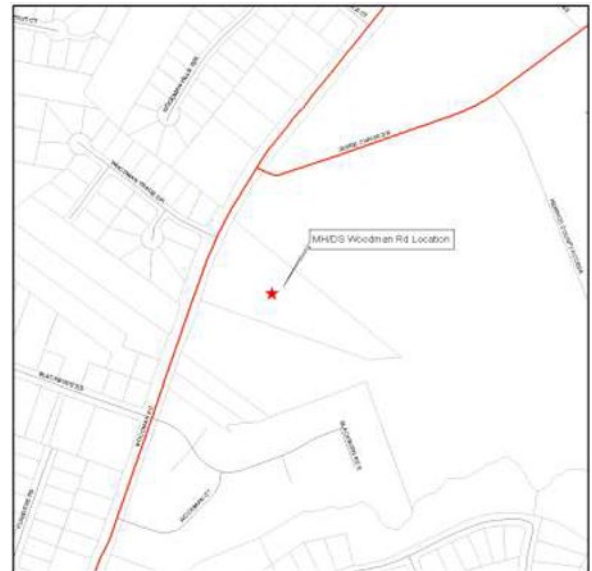
Operating Impacts:

The expansion would allow MH/DS to consolidate the Richmond Medical Park office into Woodman for economies of scale. Additionally, it would provide the space needed for the additional staff MH/DS anticipates hiring as DBHDS implements STEP-VA and other new initiatives.

Project Milestones:

- Planning for project proposed for FY26 with construction beginning in FY27
- \$12,262,945 funding need in FY27

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-31
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$1,979,821	\$-	\$1,979,821
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	10,009,595	-
Other	-	-	-	-	-	-	1,458,682	-
FFE	-	-	-	-	-	-	794,668	-
Total	\$-	\$-	\$-	\$-	\$-	\$1,979,821	\$12,262,945	\$14,242,766
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-



Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Police

Project	Priority	Recommended	Request	Request	Request	Request	Request	Request	Total	
		FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	FY27-FY31	Ten Year	
08567	Police South Station	1	0	8,445,541	0	0	0	0	0	8,445,541
08874	Outdoor Training Facility Upgrades	2	0	0	1,493,436	0	0	0	0	1,493,436
08569	Police West Station	3	0	0	0	6,379,181	0	0	0	6,379,181
08873	Canine Facility	4	0	0	0	0	1,544,269	0	0	1,544,269
Department Subtotal			0	8,445,541	1,493,436	6,379,181	1,544,269	0	0	17,862,427

Police South Station - 08567

Department Police Division	Funding Source No Funding Source	Project Location 640 N. Airport Drive
Magisterial District Varina	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

Construct a new station in the south area of the county to replace the currently leased Fair Oaks location. The 16,500 SF structure will include 11,100 SF of administration space and 5,400 SF of garage space (3 bay.) The station will be staffed with existing officers in patrol, special operations with vehicles, and the emergency response team. The station will be modeled after the Central Station. Parking for 70 vehicles is required. The estimate is based on the facility being built on county owned property.

Co-locating the future canine facility with this location is a possibility if sufficient land, noise considerations, and expected foot traffic are conducive for kenneling and training.

Service Impact:

Improve delivery of existing services.

Operating Impact:

Existing staff will relocate to the new building. Utility and maintenance fees offset lease payments for a net operational savings. Current lease expires January 2022.

Project Milestones:

- Land was purchased in January 2020.
- Extend current lease by December 2021
- Planning and design in FY22.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$959,481	\$-	\$-	\$-	\$-	\$959,841
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	379,950	-	-	-	-	379,950
Construction	-	5,985,939	-	-	-	-	5,985,939
Other	-	759,568	-	-	-	-	759,568
FFE	-	360,603	-	-	-	-	360,603
Total	\$-	\$8,445,541	\$-	\$-	\$-	\$-	\$8,445,541
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Outdoor Training Facility Improvement - 08874

Department Police Division	Funding Source No Funding Source	Project Location 6550 La France Road, Sandston
Magisterial District Varina	Project Classification Non-Recurring	Project Type Building Improvements

Project Description:

Remove exhausted existing earthwork and target turning system. Construct replacement 210-foot-long concrete structure on the existing hill and install a new target turning system. On the long-distance training side, construct a 30-foot concrete training structure.

Service Impact:

Improve delivery of existing services.

Operating Impacts:

None

Project Milestones:

- Design FY23
- Construction FY23

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$270,414	\$-	\$-	\$-	\$270,414
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	1,064,510	-	-	-	1,065,510
Other	-	-	158,512	-	-	-	158,512
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$1,493,436	\$-	\$-	\$-	\$1,493,436
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Police Station West – 08569

Department Police Division	Funding Source No Funding Source	Project Location Potentially at Kain and Gayton Rd
Magisterial District Three Chopt	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

Construct a new station in the west area of the county. The 10,000 SF structure will include 6,400 SF of administration space and 3,600 SF of garage space (2 bay.) The station will be staffed by 40 people with the majority being existing officers. The station will be modeled after the Central Station. Parking for 70 vehicles is required. The estimate is based on the facility being built on county owned property.

Co-locating the future canine facility with this location is a possibility if sufficient land, noise considerations, and expected foot traffic are conducive for kenneling and training.

Service Impact:

Addresses demands of growth and development of Henrico County.

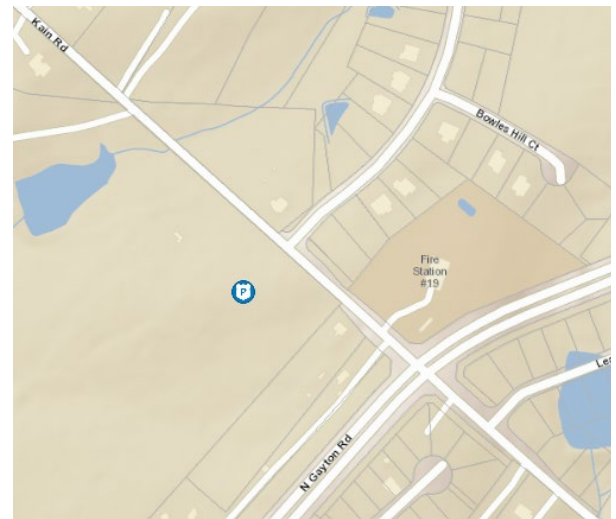
Operating Impact:

Existing West Station staff will relocate from their current offices on the 2nd floor of the Public Safety Building to the new building. Utility and maintenance fees should be similar to costs at Central Station.

Project Milestones:

Design FY24
Construction FY24

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$896,738	\$-	\$-	\$896,738
Land	-	-	-	11,942	-	-	11,942
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	4,501,668	-	-	-
Other	-	-	-	571,217	-	-	571,217
FFE	-	-	-	397,616	-	-	397,616
Total	\$-	\$-	\$-	\$6,379,181	\$-	\$-	\$6,379,181
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	20,000	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$20,000	\$-	

Canine Facility - 08873

Department Police Division	Funding Source No Funding Source	Project Location Possibly South or West Station
Magisterial District Varina or Three Chopt	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

This building will potentially be an addition to either the South or West station buildings for kennel access but could also be a stand-alone site. The project will include a 2,500 SF single story building with kennels and an acre of land for an outdoor training course. Current staff occupy the Fair Oaks Station.

Service Impact:

Improve levels of efficiency.

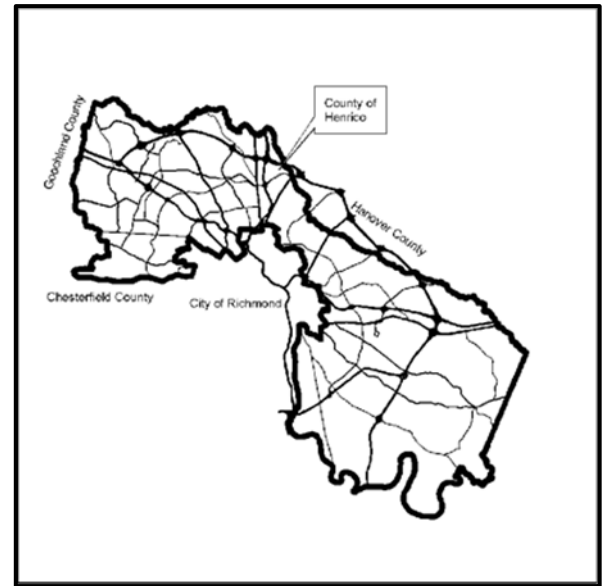
Operating Impacts:

Incremental utility costs.

Project Milestones:

- Design FY25
- Construction FY25

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$215,928	\$-	\$215,928
Land	-	-	-	-	3,806	-	3,806
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	1,148,041	-	1,148,041
Other	-	-	-	-	124,907	-	124,907
FFE	-	-	-	-	51,587	-	51,587
Total	\$-	\$-	\$-	\$-	\$1,544,269	\$-	\$1,544,269
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	



Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Public Library

Project	Priority	Recommended	Request	Request	Request	Request	Request	Request	Total	
		FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	FY27-FY31	Ten Year	
07034	Tuckahoe Library Teen Relocation/Repurpose	1	0	0	96,989	535,955	0	0	0	632,944
07033	Twin Hickory Library Renew/Repurpose	2	0	0	0	94,939	528,765	0	0	623,704
Department Subtotal			0	0	96,989	630,894	528,765	0	0	1,256,648

Tuckahoe Library Teen Relocation-Repurpose – 7034

Department Library	Funding Source No Funding Source	Project Location 1901 Starling Drive
Magisterial District Tuckahoe	Project Classification Building Improvements	Project Type Non-recurring

Project Description:

Tuckahoe Area Library is one of the busiest libraries in the County with more than 250,339 visits in FY20 and with the highest circulation of materials with 469,967 in FY20. The new teen section would grow from 850 SF to approximately 1500 SF, a 76% increase in space, allowing for more study space, seating, and room for dedicated teen programs. The seven meeting spaces at Tuckahoe are very popular and adding a new conference space on the second floor would help manage the high demand. A family comfort/lactation room adjacent to the Children’s area on the second floor would provide families a suitable place and will support legislative requirements. Tuckahoe has a large, established, and diverse clientele who make great use of the library and who have come to expect excellent library service and updated facilities.

Service Impact:

Project is to improve the scope of services provided to the community.

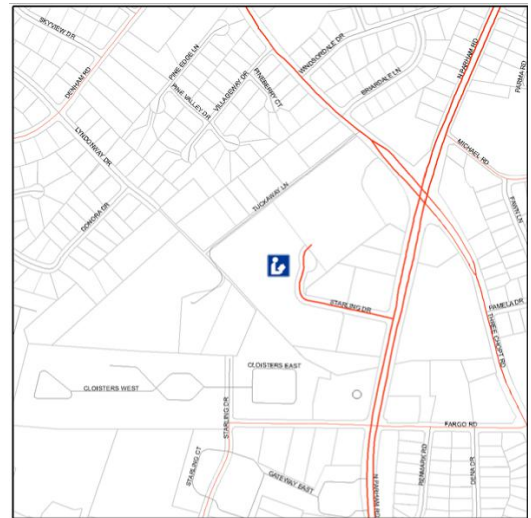
Operating Impacts:

There are no operating impacts.

Project Milestones:

- Constant evaluation of open spaces to address what is needed and consistently used.
- Re-evaluation of in demand services and reconfigured service points.
- Repurposing allows for consistent evolving and renewal of the Library for adapted public utilization.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$96,989	\$-	\$-	\$-	\$96,989
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	304,703	-	-	304,703
Other	-	-	-	51,118	-	-	51,118
FFE	-	-	-	180,134	-	-	180,134
Total	\$-	\$-	\$96,989	\$535,955	\$-	\$-	\$632,944
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Twin Hickory Library Teens– 7033

Department Library	Funding Source No Funding Source	Project Location 5001 Twin Hickory Road
Magisterial District Three Chopt	Project Classification Building Improvements	Project Type Non-Recurring

Project Description:

Since opening in 2007, evaluation and renovation of public spaces at Twin Hickory Area Library are needed to determine the best mix of services and materials to meet customer needs. Space devoted to shelving (books, CDs & DVDs) and to public PC workstations is likely to decrease accordingly, as eBooks, video streaming, wireless access, and mobile devices increase. Freed up space needs to be reassigned to in-demand services such as conference and study rooms, lounge seating, relocation and expansion of teen space, family comfort/lactation room, collaboration spaces, reconfigured service points, improved lighting, audiovisual features, and multi-functional digital media labs. This CIP addresses the current priority needs which are: relocation of the teen space from the first floor to the second floor area, and repurposing the current teen space into a conference/meeting space and family comfort/lactation room, as part of a larger plan for full repurpose/renewal of the library.

Service Impact:

Project is to improve the scope of services provided to the community.

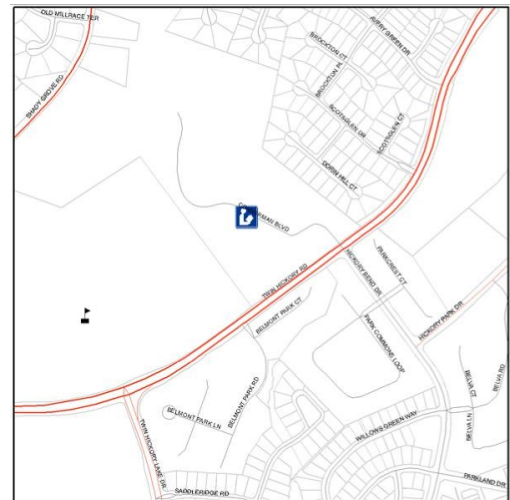
Operating Impacts:

There are no operating impacts.

Project Milestones:

- Constant evaluation of open spaces to address what is needed and consistently used.
- Re-evaluation of in demand services and reconfigured service points.
- Repurposing allows for consistent evolving and renewal of the Library for adapted public utilization.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$94,939	\$-	\$-	\$94,939
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	296,002	-	296,002
Other	-	-	-	-	49,813	-	49,813
FFE	-	-	-	-	182,950	-	182,950
Total	\$-	\$-	\$-	\$94,939	\$528,765	\$-	\$623,704
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	



Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Public Works											
Project	Priority	Recommended	Request	Request	Request	Request	Request	Request	Request	Total	
		FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	FY27-FY31	Ten Year		
Public Works - Drainage											
00363	Minor Drainage Improvements	1	500,000	500,000	500,000	500,000	500,000	500,000	500,000	TBD	2,500,000
08932	Countywide Creeks and Streams	2	750,000	750,000	750,000	750,000	750,000	750,000	750,000	TBD	3,750,000
New	Countywide Acquisitions	3	500,000	500,000	500,000	500,000	500,000	500,000	500,000	TBD	2,500,000
Asst	Designated Drainage Projects	4	0	0	4,002,361	11,184,361	28,699,687	3,180,671		TBD	47,067,080
Department Subtotal			1,750,000	1,750,000	5,752,361	12,934,361	30,449,687	4,930,671	0	0	55,817,080
Public Works - Roadway											
28001	Richmond - Henrico Turnpike	1	9,000,000	9,000,000	0	0	0	0	0	0	9,000,000
06837	Countywide Pedestrian Improvements	2	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	TBD	12,500,000
08163	Countywide Engineering Feasibility Study	3	0	500,000	500,000	500,000	500,000	500,000	500,000	TBD	2,500,000
00499	General Road Construction	4	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	TBD	5,000,000
08875	Countywide Landscaping Improvements	5	0	250,000	250,000	250,000	250,000	250,000	250,000	TBD	1,250,000
New	CVTA Reserve	6	20,000,000	20,000,000	0	0	0	0	0	0	20,000,000
Asst	Highway Interchanges Projects	7	0	28,000,000	28,000,000	28,000,000	28,000,000	28,000,000	28,000,000	250,000,000	390,000,000
Asst	Roadway Projects	8	0	109,300,000	109,300,000	109,300,000	109,300,000	109,300,000	109,300,000	618,000,000	1,164,500,000
Asst	Bike/Pedestrian Projects	9	0	25,600,000	25,600,000	25,600,000	25,600,000	25,600,000	25,600,000	102,000,000	230,000,000
Asst	Multimodal Projects	10	0	38,900,000	38,900,000	38,900,000	38,900,000	38,900,000	38,900,000	122,500,000	317,000,000
Department Subtotal			34,500,000	235,050,000	206,050,000	206,050,000	206,050,000	206,050,000	206,050,000	1,092,500,000	2,151,750,000
Public Works - Stormwater											
07046	Chesapeake Bay TMDL/MS4 Compliance	1	2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	TBD	11,740,000
Department Subtotal			2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	0	11,740,000
Department Total			38,598,000	239,148,000	214,150,361	221,332,361	238,847,687	213,328,671	1,092,500,000	0	2,219,307,080

Minor Drainage Improvements – 00363

Department Public Works	Funding Source General Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Drainage	Project Type Recurring

Project Description:

The project will be used for small residential drainage projects countywide. The projects will include improvements to culverts and other drainage related issues to relieve flooding in ditches and yards.

Service Impact:

This project provides support for small drainage projects countywide. This would provide relief to property owners while benefiting county infrastructure.

Operating Impacts:

This project has no anticipated fiscal operating impacts.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	250,000	250,000	250,000	250,000	250,000	1,250,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$ 2,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Countywide Creeks and Streams – 08932

Department Public Works	Funding Source General Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Drainage	Project Type Recurring

Project Description:

The project will be used to clean up and restore small streams and creeks throughout the County.

Service Impact:

Improve drainage across Henrico County.

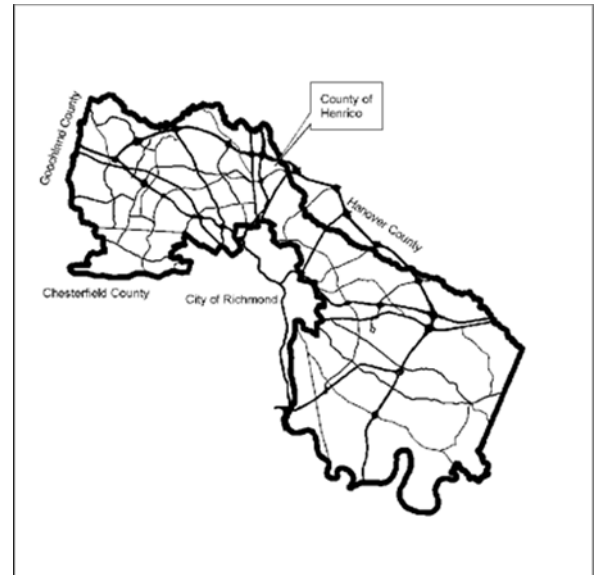
Operating Impacts:

This project has no anticipated fiscal operating impacts.

Project Milestones:

- This project was funded in the Manager’s Proposed Capital Budget in FY2021.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-31
Project Breakdown								
Planning & Design	\$-	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$2,250,000
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	375,000	375,000	375,000	375,000	375,000	375,000	2,250,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$4,500,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Countywide Open Acquisitions – New

Department Public Works	Funding Source General Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Drainage	Project Type Recurring

Project Description:

A new project for acquiring land to improve drainage efforts across Henrico County.

Service Impact:

Addresses areas where heavy rains create flooding for property currently owned privately.

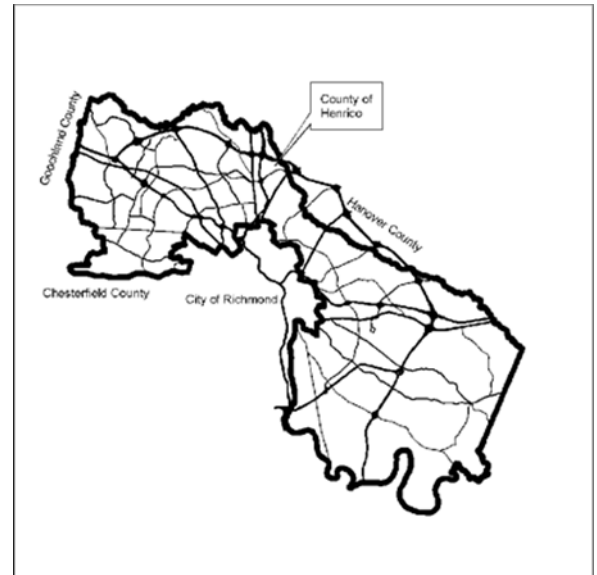
Operating Impacts:

This project has no anticipated fiscal operating impacts.

Project Milestones:

- This is a new project for FY22.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-31
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Designated Drainage Improvements – Multiple Projects

Department Public Works	Funding Source No Funding Source	Project Location Countywide
Magisterial District Countywide	Project Classification Drainage	Project Type Non-recurring

Project Description:

This entry consists of 17 proposed drainage projects beginning in FY2023. The projects are located across Henrico County and are listed on the following page.

Service Impact:

These drainage projects will improve the county’s ability to mitigate erosion and flooding. Additionally, multiple projects focus on combatting flooding from a 10-year storm.

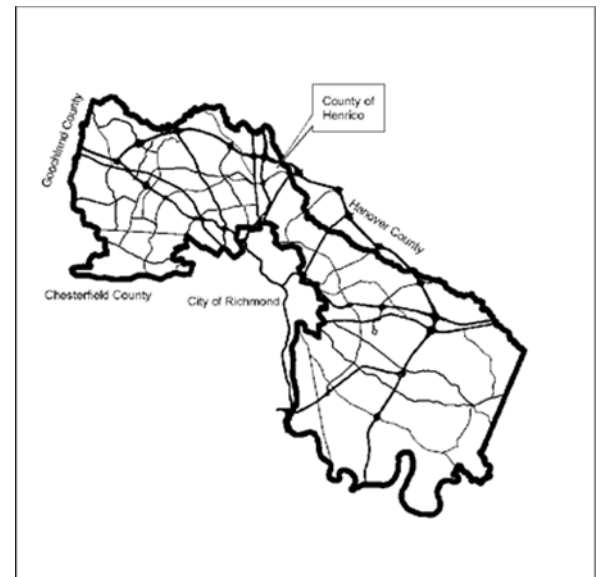
Operating Impacts:

This project has no anticipated fiscal operating impacts.

Project Milestones:

- Mixture of new and previously proposed drainage projects.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$511,384	\$1,244,984	\$ 2,869,969	\$318,067	\$ 4,944,404
Land	-	-	387,886	1,104,375	2,869,969	318,067	4,680,297
Offsite Improvements/Utilities	-	-	581,829	1,656,563	4,304,953	477,101	7,020,446
Construction	-	-	1,745,488	4,969,689	12,914,859	1,431,302	21,061,338
Other	-	-	775,773	2,208,750	5,739,937	636,134	9,360,595
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$4,002,361	\$11,184,361	\$28,699,687	\$3,180,671	\$ 47,067,080
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

FY2022-2026

Designated Drainage Project List

Project Name	Prior Year	FY22	FY23	FY24	FY25	FY26	Future	Total	Magisterial District
Joycelyn Court/Shewalt Drive Drainage	\$ -	\$ -	\$ 514,573	\$ -	\$ -	\$ -	\$ -	\$ 514,573	Fairfield
Lawndale Farms Drainage	\$ -	\$ -	\$ 1,234,974	\$ -	\$ -	\$ -	\$ -	\$ 1,234,974	Varina
Avalon Drive Drainage	\$ -	\$ -	\$ 1,029,145	\$ -	\$ -	\$ -	\$ -	\$ 1,029,145	Tuckahoe
Gaylord Road Drainage	\$ -	\$ -	\$ 1,100,171	\$ -	\$ -	\$ -	\$ -	\$ 1,100,171	Three Chopt
Lakeside Drainage Area Study	\$ -	\$ -	\$ 123,497	\$ -	\$ -	\$ -	\$ -	\$ 123,497	Brookland
Oak Hill Drainage	\$ -	\$ -	\$ -	\$ 1,952,917	\$ -	\$ -	\$ -	\$ 1,952,917	Fairfield
Falmouth/Tacoma Street Drainage Study	\$ -	\$ -	\$ -	\$ 140,609	\$ -	\$ -	\$ -	\$ 140,609	Brookland
Rolando Drive Drainage	\$ -	\$ -	\$ -	\$ 2,192,129	\$ -	\$ -	\$ -	\$ 2,192,129	Tuckahoe
Huntsman Road Drainage Channel	\$ -	\$ -	\$ -	\$ 4,959,172	\$ -	\$ -	\$ -	\$ 4,959,172	Varina
Homeview Drive	\$ -	\$ -	\$ -	\$ 1,939,535	\$ -	\$ -	\$ -	\$ 1,939,535	Three Chopt
Beverly Drive /Dinwiddie Avenue Drainage	\$ -	\$ -	\$ -	\$ -	\$ 2,279,075	\$ -	\$ -	\$ 2,279,075	Tuckahoe
Thorpes Branch	\$ -	\$ -	\$ -	\$ -	\$ 11,274,356	\$ -	\$ -	\$ 11,274,356	Brookland
Monterey Avenue Drainage	\$ -	\$ -	\$ -	\$ -	\$ 1,020,487	\$ -	\$ -	\$ 1,020,487	Varina
Central Gardens Drainage	\$ -	\$ -	\$ -	\$ -	\$ 3,598,563	\$ -	\$ -	\$ 3,598,563	Fairfield
Georges Branch Channel	\$ -	\$ -	\$ -	\$ -	\$ 10,527,206	\$ -	\$ -	\$ 10,527,206	Tuckahoe
Henderson Road Drainage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 824,382	\$ -	\$ 824,382	Brookland
Barrabee Lane Drainage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,356,289	\$ -	\$ 2,356,289	Three Chopt
Totals	\$ -	\$ -	\$ 4,002,361	\$ 11,184,361	\$ 28,699,687	\$ 3,180,671	\$ -	\$ 47,067,080	

Richmond - Henrico Turnpike – 00363

Department Public Works	Funding Source G.O. Bonds - General Gov't - 2016	Project Location Richmond - Henrico Turnpike
Magisterial District Fairfield	Project Classification Roadway	Project Type Non-recurring

Project Description:

This project will widen and improve the existing 1.9 mile section of roadway located adjacent to Richmond Raceway. The road will be reconstructed as a four-lane divided roadway with turn lanes, curb and gutter, drainage improvements, a 10-foot wide asphalt shared use path, and 5-foot wide concrete sidewalk. Total project cost estimate is \$30,058,000, consisting of \$11,672,001 in State funds, \$1,550,000 in previous County appropriation, \$14,000,000 in County bond proceeds, \$2,000,000 in right-of-way donation from the Richmond Raceway and a credit of \$836,000 from the existing Azalea Avenue Federal CMAQ project.

Service Impact:

This Richmond - Henrico Turnpike is classified as a minor arterial roadway on the County's 2026 Major Throughfare Plan. Additional capacity is needed on this roadway to accommodate future development in the area. This road does not meet current roadway design or drainage standards and it lacks adequate pedestrian and bicycle accommodations.

Operating Impacts:

This project has no anticipated fiscal operating impacts.

Project Milestones:

- The project is advancing to preliminary engineering using \$1,500,000 in County funds appropriated in FY2017 and State funds from VDOT's SMART SCALE program.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$5,000,000	\$-	\$-	\$-	\$-	\$-	\$9,000,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	9,000,000	-	-	-	-	-
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$5,000,000	\$9,000,000	\$-	\$-	\$-	\$-	\$9,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Countywide Pedestrian Improvements – New

Department Public Works	Funding Source CVTA	Project Location Countywide
Magisterial District Countywide	Project Classification Roadway	Project Type Recurring

Project Description:

Install bicycle and pedestrian facilities at various locations throughout the County. Facilities to be constructed include sidewalk, ADA compliant curb ramps, bus stop accommodations and shared use paths.

Service Impact:

To provide better and safer accommodations for bicyclists and pedestrians.

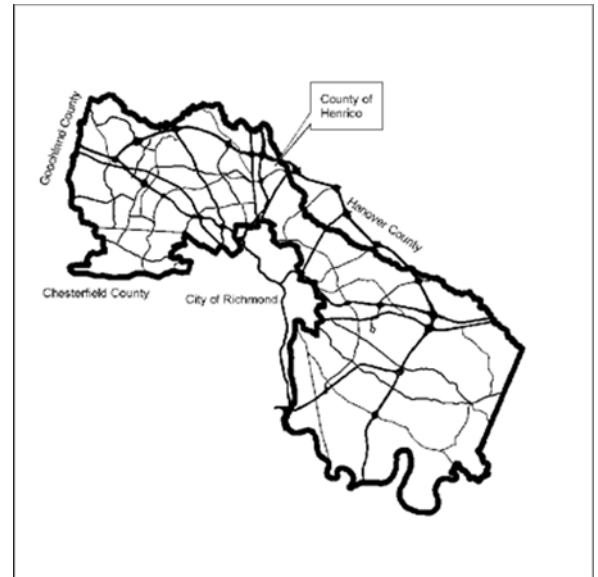
Operating Impacts:

This project has no anticipated fiscal operating impacts.

Project Milestones:

- This is an ongoing effort, which began in the FY2018 Capital Budget.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-31
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	15,000,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$15,000,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Countywide Engineering Feasibility Study – 08163

Department Public Works	Funding Source No Funding Source	Project Location Countywide
Magisterial District Countywide	Project Classification Roadway	Project Type Recurring

Project Description:

This project includes the planning and preliminary engineering design for various new roads and improvements to existing roadways countywide. Funding is primarily used as a source of matching dollars for state and federal grant programs.

Service Impact:

The department will primarily use these funds to develop accurate cost estimates and schedules to assist in competing for federal and state grant funding for project right-of-way acquisition, utility relocation, and construction.

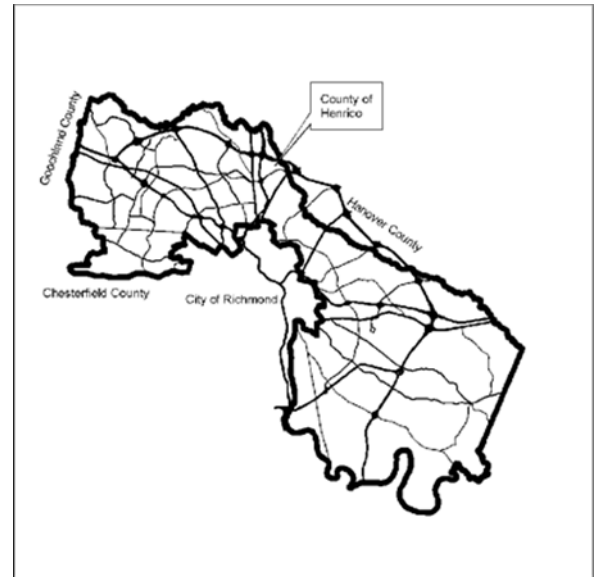
Operating Impacts:

This project has no anticipated fiscal operating impacts.

Project Milestones:

- This is an ongoing project for the preliminary engineering design of various new road projects.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-31
Project Breakdown								
Planning & Design	\$-	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

General Road Construction – 00499

Department Public Works	Funding Source No Funding Source	Project Location Countywide
Magisterial District Countywide	Project Classification Roadway	Project Type Recurring

Project Description:

This project provides the necessary funding for improvements to the countywide roadway system on an as needed basis. These funds are used to provide the required match for various VDOT Revenue Sharing Programs.

Service Impact:

Addresses demands of growth and development of Henrico County.

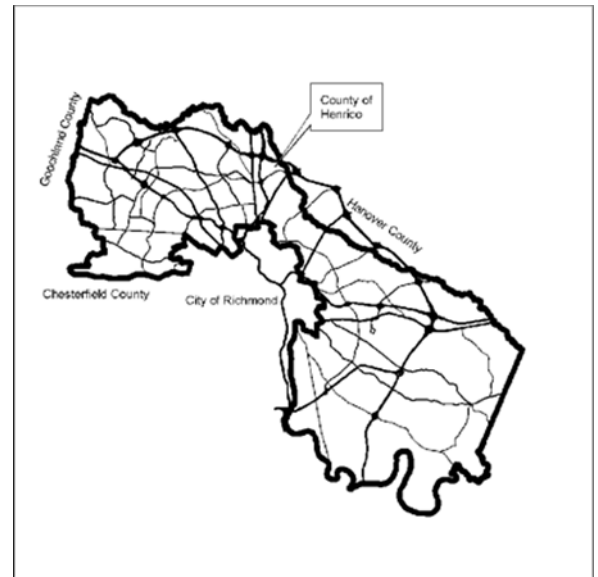
Operating Impacts:

This project has no anticipated fiscal operating impacts.

Project Milestones:

The General Road Construction projects is annual CIP request funded with Motor Vehicle License fee revenue. The annual prior year request for this project was \$1,000,000.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-31
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,000,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Countywide Landscaping Improvements – 08875

Department Public Works	Funding Source No Funding Source	Project Location Countywide
Magisterial District Countywide	Project Classification Roadway	Project Type Recurring

Project Description:

The request provides a funding source to improve the quality and amount of landscaping along roadways throughout the County.

Service Impact:

Consistent, modest investment in roadway landscaping will improve general aesthetics as people travel through the improved areas and can have a wider impact if the theme is carried into adjoining neighborhoods by citizens.

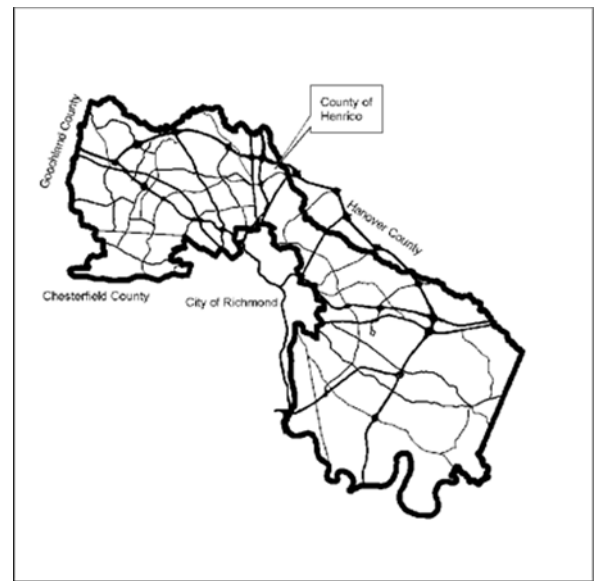
Operating Impacts:

This project has no anticipated fiscal operating impacts.

Project Milestones:

DPW has been increasing the quantity and scope of roadway landscaping projects over the last several years; however, there has been no dedicated funding source for these projects.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-31
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

CVTA Reserve

Department Public Works	Revenue Source CVTA	Project Location Countywide
Magisterial District Countywide	Project Classification Roadway	Project Type Recurring

Project Description:

This project encompasses multiple transportation projects throughout the County that are funded by CVTA Revenues dedicated to transportation projects within Henrico County.

Service Impact:

Project will ensure future delivery of existing services provided.

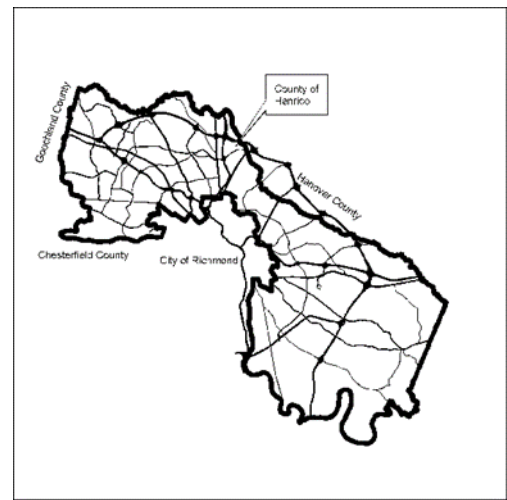
Operating Impacts:

Project maintains and enhances the roadway and pedestrian infrastructure of Henrico County.

Project Milestones:

- This is the first year establishing the CVTA reserve.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	20,000,000	-	-	-	-	20,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$20,000,000	\$-	\$-	\$-	\$-	\$20,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

CIP Transportation Projects FY22-FY26

	Project Location	Project Limits	Project Description	Estimate (Millions)
Highway Interchanges				
	N. Gayton Rd Interchange @ I-64	Blue Ocean Ln to Bacova Dr	New Interchange	\$ 95.0
	Parham Rd Interchange @ I-64	Landsdowne Rd to Mayland Dr	Interchange Modification	\$ 25.0
	Parham Rd Interchange @ I-95	Aberdeen St to St. Charles Rd	Interchange Modification	\$ 20.0
			Subtotal	\$ 140.0
Roadway				
	Brook Road	Richmond City Limits to Parham Road	Road Improvements/Bike/Ped facilities	\$ 12.0
	Carolina Avenue	Richmond-Henrico Tpke to Laburnum Ave	Road Improvements/Bike/Ped facilities	\$ 37.0
	Creighton Road	Laburnum Ave to Sandy Lane	Road Improvements/Ped facilities	\$ 5.5
	Dickens Road	Staples Mill Rd to Ocont Rd	Road Improvements/Bike/Ped facilities	\$ 8.0
	E. Parham Road	Brook Rd to I-95 Interchange	Operational Improvements/Ped facilities	\$ 10.0
	Glover Park Access Road	Woodman Rd Extended to Glover Park Ph I	New Road/Bike/Ped facilities	\$ 1.5
	Greenwood Road	Woodman Rd to Branch Rd	Road Improvements/Bike/Ped facilities	\$ 15.0
	Homeview Drive	W. Broad St to Parham Rd	Road Improvements/Bike/Ped facilities	\$ 10.0
	Horspen Road/Glenside Drive	Patterson Ave to Forest Ave	Roadway/Intersection/Ped facilities	\$ 15.0
	Kain Road	Pouncy Tract Rd to Axe Handle Ln	Road Improvements/Bike/Ped facilities	\$ 15.0
	Magellan Pkwy	Brook Rd to Park Central Dr	New Road & Bridge/Bike/Ped facilities	\$ 39.0
	N. Laburnum Ave	Nine Mile Rd to Mechanicsville Tpke	New Traffic Signa/Bike/Ped/Transit	\$ 5.0
	New Market Rd (Rte 5)	Laburnum Ave to New Osborne Tpke	Road Improvements/Ped facilities	\$ 52.0
	Nine Mile Road (Ph 1)	Laburnum Ave to A.P. Hill Ave	Road Improvements/Ped/Transit	\$ 9.0
	Old Osborne Tpke (Rte 5)	City Limits to New Osborne Tpke	Road Improvements/Bike/Ped facilities	\$ 20.0
	Pouncy Tract Rd	W. Broad St. to N. Gayton Rd	Road Improvements/Bike/Ped facilities	\$ 10.0
	Richmond-Henrico Tpke	Railroad Crossing to County Line	Road Improvements/Bike/Ped facilities	\$ 40.0
	Sadler Road	Dominion Blvd to Cedar Forest Rd	Road Improvemtns/Bike/Ped facilities	\$ 2.5
	S. Airport Drive	Audubon Dr to Williamsburg Rd	Road Improvements/Ped facilities	\$ 5.0
	Shady Grove Road	Nuckols Rd to County Line	Road Improvements/Bike/Ped facilities	\$ 8.0
	Springfield Road	Staples Mill Rd to Francistown Rd	Road Improvements/Bike/Ped facilities	\$ 10.0
	St. Charles Road	E. Parham Rd to Magellan Pkwy Extension	New Road/Bike/Ped facilities	\$ 11.0
	Staples Mill Road	W. Broad St to Glenside Dr	Operational Improvements/Ped/Transit	\$ 16.0
	Taylor Park Access Road	Whiteside Rd to Main Parking Lot	New Road/Bike/Ped facilities	\$ 2.0
	Three Chopt Road	Gaskins Rd to Barrington Hills Dr	Road Improvements/Ped facilities	\$ 13.5
	Tuckahoe Park Access Road	John Rolfe Pkwy to Tuckahoe Little League	Road Extension/Ped facilities	\$ 1.5
	W. Broad Street	I-64 to Goochland County Line	Operational Improvements/Ped/Transit	\$ 60.0
	W. Broad Street	Glenside Dr to Parham Rd	Operational Improvements/Ped/Transit	\$ 10.0
	W. Broad Street	Sadler Rd to Innesbrook Rd	Operational Improvements/Ped/Transit	\$ 10.0
	Westwood Area	W. Broad St to Bethlehem Rd	Road Improvements/Bike/Ped facilities	\$ 20.0
	Williamsburg Road	Beulah Rd/Nine Mile Rd	Roundabout	\$ 6.0
	Williamsburg Road (Ph 1)	S. Laburnum Ave to City Limits	Road Improvements/Ped/Transit	\$ 10.0
	Wilton on the James Access Rd	Route 5 to Mill Rd	New Road/Bike/Ped facilities	\$ 27.0
	Woodman Road	Mountain Rd to Terry Dr	Road Improvements/Bike/Ped facilities	\$ 30.0
			Subtotal	\$ 546.5
Bike/Pedestrian				
	Eastern Henrico	Connectors trails	Mixed-Use Trails	\$ 25.0
	Innsbrook Area	W. Broad St to Dead End of Cox Rd	Bike/Ped facilities	\$ 9.0
	Nuckols Road Trail	Springfield Rd to Francistown Rd	Mixed-Use Trail	\$ 4.0
	School Walk Areas	Countywide	Bike/Ped facilities	\$ 10.0
	Fall Line Trail	City of Richmond to Hanover County Line	Mixed-Use Trail	\$ 50.0
	Western Henrico	Connector trails	Mixed-Use Trail	\$ 25.0
	Wilton on the James Trail	Route 5 to James River	Mixed-Use Trail	\$ 5.0
			Subtotal	\$ 128.0
Multimodal				
	ATMS - Phase III	Countywide	Signal/ITS Improvements	\$ 20.0
	Arterial Roadways	Countywide	Bike/Ped/Transit Stop Improvements	\$ 25.0
	Collector Roadways	Countywide	Bike/Ped/Transit Stop Improvements	\$ 20.0
	Park & Ride	W. Broad St. (Willow Lawn)	New Park & Ride facility	\$ 6.0
	Park & Ride	Route 1 North (VCC area)	New Park & Ride facility	\$ 6.0
	Staples Mill Amtrak Station	Staples Mill Road	Station Replacement	\$ 100.0
	Transit Improvements	Route 1 corridor	New Service	\$ 2.0
	Transit Improvements	Existing Routes	Increased service frequency	\$ 3.0
	Transportation Safety	Countywide	Traffic Calming Program	\$ 12.5
			Subtotal	\$ 194.5
			Total Cost	\$ 1,009.0

Chesapeake Bay TMDL/MS4 – 07046

Department Public Works	Funding Source General Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Site Improvements	Project Type Recurring

Project Description:

Construction of several projects including stream restoration, level spreaders and bio-retention facilities over the next five years to meet County's Chesapeake Bay Maximum Daily Load (TMDL) requirements.

Service Impact:

Ensures compliance with MS4 Permit.

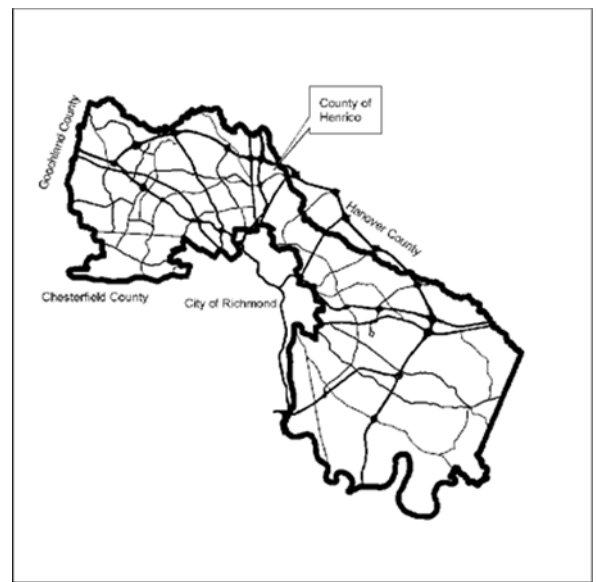
Operating Impacts:

This project has no anticipated fiscal operating impacts.

Project Milestones:

- Funding for this project has been allocated on annual basis since FY16.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	11,740,000	2,348,000	2,348,000	2,348,000	2,348,000	2,348,000	11,740,000
FFE	-	-	-	-	-	-	-
Total	\$11,740,000	\$2,348,000	\$2,348,000	\$2,348,000	\$2,348,000	\$2,348,000	\$ 11,740,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Recreation & Parks

Project	Priority	Recommended	Request	Request	Request	Request	Request	Request	Total
		FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	FY27-FY31	Ten Year
23005 Taylor Park	1	14,000,000	14,000,000	0	0	0	0	0	14,000,000
23006 Cheswick Park	2	2,100,000	2,100,000	0	0	0	0	0	2,100,000
23007 Tuckahoe Creek Park	3	5,000,000	5,000,000	0	0	0	0	0	5,000,000
06194 Facility Rehabilitation	4	425,000	2,849,784	1,148,929	4,401,981	2,695,062	689,449	TBD	11,785,205
23008 Three Lakes Nature Center Park	5	2,300,000	0	2,300,000	0	0	0	0	2,300,000
23009 Tuckahoe Park Synthetic Turf Replacement: Glover	6	16,000,000	0	16,000,000	0	0	0	0	16,000,000
New Park Synthetic Turf and Track Replacement:	7	0	0	0	0	0	0	3,000,000	3,000,000
New Hermitage, Freeman, and Varina HS Synthetic Turf and Track Replacement:	8	0	0	0	0	0	0	2,010,000	2,010,000
New Henrico HS Playground Replacements: Deep Run, Dorey, Twin Hickory, Short Pump,	9	0	0	0	0	0	0	670,000	670,000
New Meadow Farm Synthetic Turf and Track Replacement:	10	0	0	0	0	0	0	1,500,000	1,500,000
New Godwin, Deep Run, Glen Allen HS	11	0	0	0	0	0	0	2,010,000	2,010,000
Department Subtotal		39,825,000	23,949,784	19,448,929	4,401,981	2,695,062	689,449	9,190,000	60,375,205

Taylor Park – 23005

Department Recreation & Parks Magisterial District Varina	Funding Source G.O. Bonds – General Gov’t - 2016 Project Classification Park	Project Location Williamsburg Rd and Whiteside Dr Project Type Non-Recurring
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Project Description:

Master plan, design, and development of a County park slated in the Sandston area. The park will include multiple athletic fields, all lighted and irrigated in a mix of sod and sports turf on a property of just over 99 acres. Development will also include all road and utility infrastructure as well as restrooms, picnic shelters, play equipment, and a full range of passive park amenities.

Service Impact:

The need for this park is included in the open space plan.

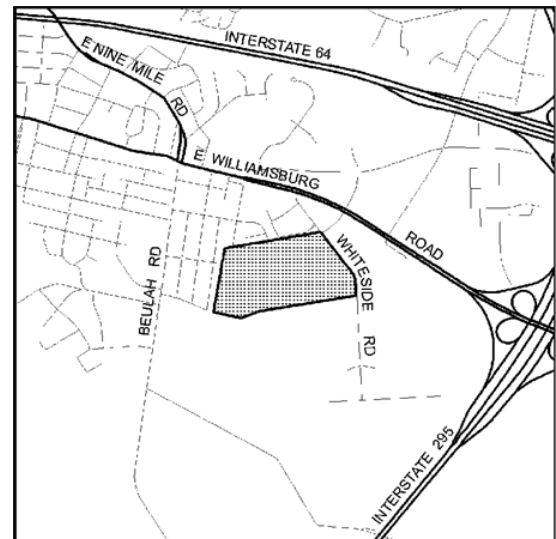
Operating Impact:

Starting in FY23 this project includes ongoing operating costs of \$666,272 as well as one-time operating costs of \$249,090. Ongoing operating costs are needed for the following positions: 1 Groundskeeper IV, 2 Groundskeeper III, 1 Tradesman III, 2 Rec. Maintenance Worker III. Additional personnel funds are needed for temporary salaries, full-time overtime, and benefits. These positions are needed for routine park upkeep. Additional operating dollars are needed for park maintenance, additional utilities, landscaping, replacement of capital outlay items, etc. All the operating funds will go towards the routine maintenance of the park.

Project Milestones:

- First appeared in the 2012 CIP under the name Virginia Heights Park
- Purchase Agreement stipulates the naming of the park to be after Col. Samuel Gatewood Taylor.
- Approved in the November 2016 bond referendum

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	13,982,924	-	-	-	-	13,982,924
Other	-	17,076	-	-	-	-	17,076
FFE	-	-	-	-	-	-	-
Total	\$-	\$14,000,000	\$-	\$-	\$-	\$-	\$14,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$419,272	\$-	\$-	\$-	
Operating (incremental)	-	-	220,000	-	-	-	
Capital Outlay (incremental)	-	-	276,090	(249,090)	-	-	
Total Operating Impact	\$-	\$-	\$915,362	(\$249,090)	\$-	\$-	

Cheswick Park – 23006

Department Recreation & Parks	Funding Source G.O. Bonds – General Gov’t - 2016	Project Location 1700 Forest Ave
Magisterial District Three Chopt	Project Classification Park	Project Type Non-recurring

Project Description:

This is a comprehensive renovation/replacement of aging park infrastructure and amenities, including the restroom picnic shelters, parking lot, trails and bridges, and signage and landscaping.

Service Impact:

This older Henrico park is very heavily used and provides an important recreation opportunity in this area. The age and heavy use of this park merits its renovation at this time.

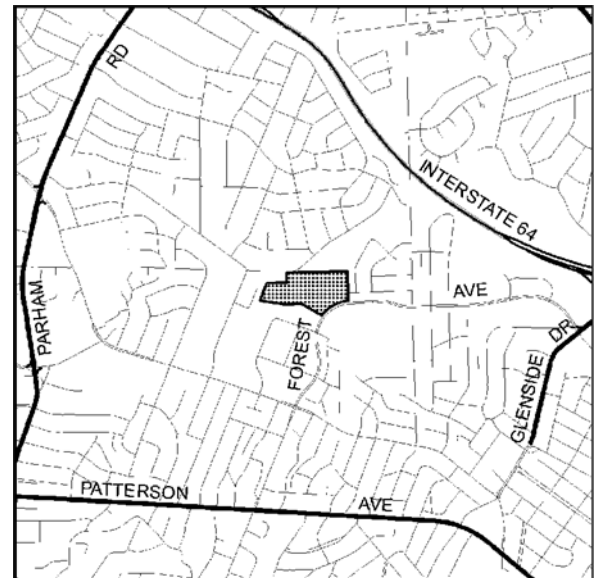
Operating Impacts:

FY2023 will see an increase of \$33,000 from this project with an additional increase of \$3000 needed in FY2024. Additional operating dollars are needed for park maintenance, maintenance service contracts, agriculture supplies, chemicals, landscaping, replacement of capital outlay items, etc. These additional funds are needed for ongoing park maintenance. No additional personnel are needed.

Project Milestones:

- This neighborhood park was developed as part of the 1977 Bond Referendum and was dedicated in 1978.
- This renovation was approved in the November 2016 G.O. Bond Referendum.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$346,652	\$-	\$-	\$-	\$-	\$346,652
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	1,498,974	-	-	-	-	1,498,974
Other	-	254,374	-	-	-	-	254,374
FFE	-	-	-	-	-	-	-
Total	\$-	\$2,100,000	\$-	\$-	\$-	\$-	\$2,100,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	33,000	-	-	-	
Capital Outlay (incremental)	-	-	-	3,000	-	-	
Total Operating Impact	\$-	\$-	\$33,000	\$3,000	\$-	\$-	

Tuckahoe Creek Park – 23007

Department Recreation & Parks	Funding Source G. O. Bonds – General Gov’t – 2016	Project Location Tuckahoe Creek watershed in the Lauderdale Rd corridor
Magisterial District Tuckahoe and Three Chopt	Project Classification Park	Project Type Non-recurring

Project Description:

Continuation of land acquisition, design, and development of a passive community park system within the Tuckahoe Creek watershed in the Lauderdale Rd corridor. The project includes one regional public access with parking and additional elevated boardwalk systems within the Tuckahoe Creek watershed and wetland areas.

Service Impact:

The project seeks to improve the scope of services and consists of construction of a new neighborhood park on a section of the existing Tuckahoe Creek Park property. The boardwalk system will provide an ADA accessible access to the Tuckahoe Creek area for passive recreation activities such as walking, fishing, overlooks, and experiencing nature.

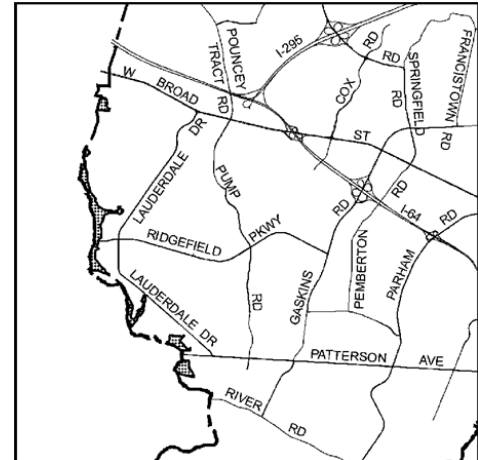
Operating Impacts:

There are \$68,508 of operating budget impacts anticipated with this project beginning in FY23 with an additional \$4,200 added in FY24. There is a need for one Recreation Maintenance Worker for park upkeep as well as funding for full-time overtime and benefits. Additional operating dollars are needed for janitorial needs and other park maintenance expenses.

Project Milestones:

- Capital initiative funding in the amount of \$711,919, in addition to \$260,000 of grant funding, was provided to support the first phase of development.
- To date, the Tuckahoe Creek Park Master Plan was approved by the BOS and construction of an open-pile elevated boardwalk (9 feet wide and 525 feet long) was completed fall 2016.
- This project was approved in the November 2016 G.O. Bond Referendum

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$605,834	\$-	\$-	\$-	\$-	\$605,834
Land	-	379,217	-	-	-	-	379,217
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	3,947,802	-	-	-	-	3,947,802
Other	-	54,969	-	-	-	-	54,969
FFE	-	12,178	-	-	-	-	12,178
Total	\$-	\$5,000,000	\$-	\$-	\$-	\$-	\$5,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$54,408	\$-	\$-	\$-	
Operating (incremental)	-	-	13,000	-	-	-	
Capital Outlay (incremental)	-	-	800	4,200	-	-	
Total Operating Impact	\$-	\$-	\$68,508	\$4,200	\$-	\$-	

Facility Rehabilitation – 06194

Department Recreation & Parks	Funding Source General Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Park	Project Type Recurring

Project Description:

This project reflects the continued effort to improve safety and upgrade recreational facilities.

Service Impact:

This is an on-going initiative to improve and renovate recreation facilities in the County to continue to provide and maintain the high standards the citizens expect. These projects target high use areas where maintenance upgrades are needed to improve safety and functionality at County facilities.

Operating Impacts:

There are no new operating costs associated with this project.

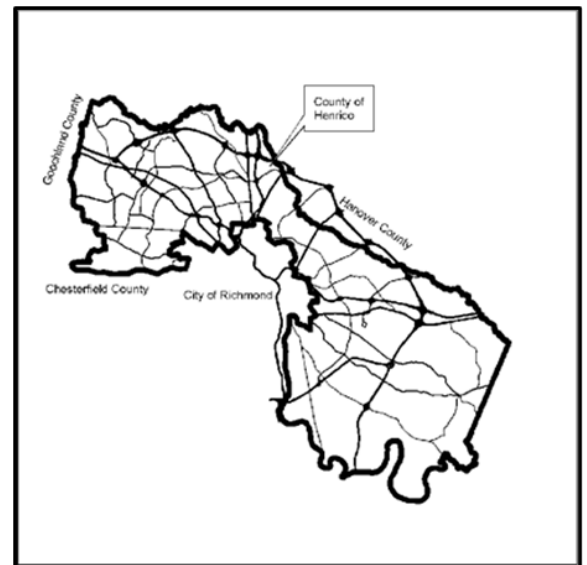
Project Milestones:

- FY22 projects include funding for various paving projects.
- FY23 projects include funding for various neighborhood park restroom and shelter renovations.
- FY24 projects include funding for improvements at Echo Lake.

Project Milestones (cont):

- FY25 projects include funding to renovate the skatepark, update the restroom/ concession stand and shelter and pave the rear parking area at Laurel Recreation area.
- FY26 projects include funding for improvements at Deep Bottom Boat Landing.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	\$2,849,784	\$1,148,929	\$4,401,981	\$2,695,062	\$689,449	\$11,785,205
FFE	-	-	-	-	-	-	-
Total	\$-	\$2,849,784	\$1,148,929	\$4,401,981	\$2,695,062	\$689,449	\$11,785,205
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Three Lakes Nature Center Park – 23008

Department Recreation & Parks	Funding Source G.O. Bonds – General Gov't - 2016	Project Location 400 Sausiluta Dr
Magisterial District Fairfield	Project Classification Park	Project Type Non-recurring

Project Description:

Renovation of aging park infrastructure and amenities. Includes new restrooms and shelters, and renovation to the access road and parking. Also, this project renovates the trail system to improve the user's experience and to comply with ADA accessibility requirements. The pedestrian boardwalk system will be replaced, and the shoreline stabilized.

Service Impact:

This older Henrico park is very heavily used and provides an important recreation opportunity in this area. The age and heavy use of this park merits its renovation at this time.

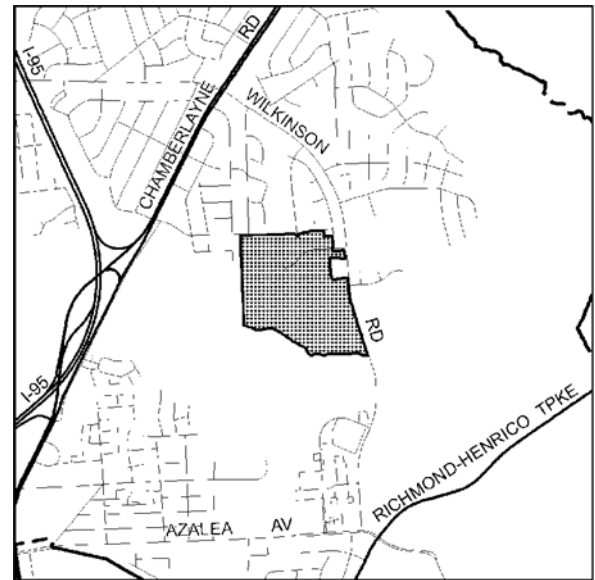
Operating Impacts:

This project has an anticipated \$58,500 operating budget impact beginning in FY2023 with an additional \$3,000 added in FY2024. Additional operating dollars are needed for park maintenance, additional utilities, janitorial needs, landscaping, and replacement of capital outlay items. No additional personnel are needed.

Project Milestones:

- This project was approved in the November 2016 G.O. Bond Referendum

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$340,471	\$-	\$-	\$-	\$340,471
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	1,633,193	-	-	-	1,633,193
Other	-	-	326,336	-	-	-	326,336
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$2,300,000	\$-	\$-	\$-	\$2,300,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	58,500	-	-	
Capital Outlay (incremental)	-	-	-	-	3,000	-	
Total Operating Impact	\$-	\$-	\$-	\$58,500	\$3,000	\$-	

Tuckahoe Park – 23009

Department Recreation & Parks	Funding Source G.O. Bonds – General Gov’t- 2016	Project Location 2400 Little League Dr
Magisterial District Tuckahoe	Project Classification Park	Project Type Non-recurring

Project Description:

Design and construction for additional parking, upgrades to the twelve-field complex, and general improvements to the underdeveloped property at the Tuckahoe Sports Complex. Project has an approved master plan and is divided into two phases. The first phase would include the relocated main entry as master-planned along with infrastructure and facility development in place of existing fields, parking, access road and restroom/concession buildings. New water quality regulation will require us to revisit the master plan to determine what changes to the master plan, if any, are required.

Service Impact:

There is a need to improve the baseball fields at the complex, provide additional parking, and provide public recreation land in western Henrico County.

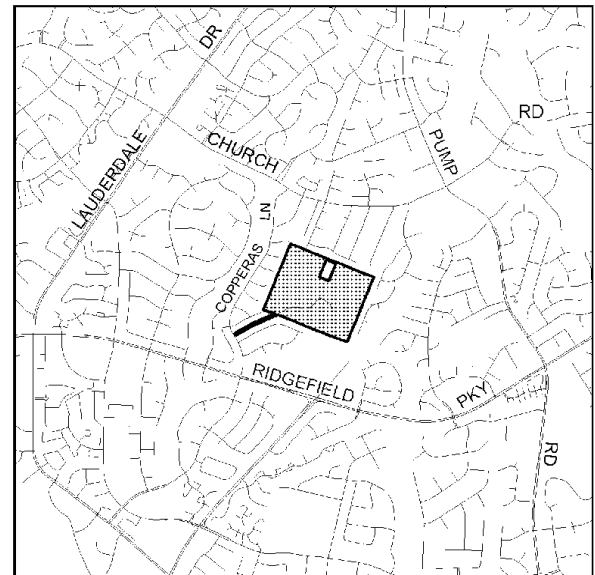
Operating Impacts:

There is an anticipated \$331,379 impact on the operating budget from this project starting in FY2024 with an additional \$139,660 of one-time operating expenses. Ongoing operating costs are needed for the following positions: 1 Groundskeeper III, 1 Park Services Specialist III. Additional personnel funds are needed for temporary salaries, full-time overtime, and benefits. Additional operating dollars are needed for park maintenance, additional utilities, landscaping, replacement of capital outlay items, etc.

Project Milestones:

- Henrico County acquired this property in 2007 and has assumed maintenance of the entire complex.
- This project was approved in the November 2016 G.O. Bond Referendum.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$1,833,830	\$-	\$-	\$-	\$1,833,830
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	12,737,130	-	-	-	12,737,130
Other	-	-	1,429,040	-	-	-	1,429,040
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$16,000,000	\$-	\$-	\$-	\$16,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$204,579	\$-	\$-	
Operating (incremental)	-	-	-	111,800	-	-	
Capital Outlay (incremental)	-	-	-	154,660	(139,660)	-	
Total Operating Impact	\$-	\$-	\$-	\$471,039	(\$139,660)	\$-	



Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31
Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Sheriff

Project	Priority	Recommended FY21-22	Request FY21-22	Request FY22-23	Request FY23-24	Request FY24-25	Request FY25-26	Request FY27-31	Total Ten Year
08749 Jail East & West IP Camera Upgrades	1	0*	236,458	0	0	0	0	0	236,458
08748 Jail West Booking Security Barriers	2	0	262,222	0	0	0	0	0	262,222
08566 Jail West Kitchen Renovation	3	0	640,514	0	0	0	0	0	640,514
08565 Jail West Female Housing Expansion	4	0*	75,744	0	0	0	0	0	75,744
New Jail East Special Housing Unit	5	0	0	0	0	0	0	34,433,530	34,433,530
Department Subtotal		0	1,214,938	0	0	0	0	34,433,530	35,648,468

* Funded through alternate sources outside of CIP

Jail East and Jail West IP Camera Upgrades – 08749

Department Sheriff	Funding Source No Funding Source, Funded Outside CIP	Project Location General Government
Magisterial District Countywide	Project Classification Non-recurring	Project Type Technology Improvements

Project Description:

This project will replace analog cameras and antiquated wiring in both Jail East and Jail West with new digital cameras and CAT6 wiring. Some existing servers and switches will be upgraded to add more memory to support the new cameras.

Service Impact:

The old cameras produce a blurred picture, which is a safety and verification concern. Upgraded cameras and technology will ensure the safety of inmates and staff and that reliable video footage is available when needed.

Operating Impacts:

This project has no anticipated fiscal operating impacts. The updated technology will allow staff to perform their everyday duties more efficiently.

Project Milestones:

- Project was originally funded in FY20 for \$265,168
- The project was determined to be of a greater scope than originally anticipated so additional funding is needed to proceed with the project.

Project Milestones (cont.):

- \$58,211 was added to the project in FY21

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$8,519	\$-	\$-	\$-	\$-	\$-	-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	37,631	213,173	-	-	-	-	213,173
Other	7,087	23,285	-	-	-	-	23,285
FFE	262,305	-	-	-	-	-	262,305
Total	\$315,542	\$236,458	\$-	\$-	\$-	\$-	\$236,458
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Jail West Booking Security Barriers - 08748

Department Sheriff	Funding Source No Funding Source	Project Location 4317 E Parham Rd
Magisterial District General Government	Project Classification Building Improvements	Project Type Non-Recurring

Project Description:

The purpose of this project is to add barriers, locks, and other features to provide more segregation between different groups and individuals that occupy the main Jail West booking area. Currently this is an open “holding area” where a variety of people including new admissions are in the same area as inmates being released, or in transit to court, hospital or other facilities. Inmates are frequently held in this area for an extended period and may need to eat meals or sleep in this open area. There is a constant foot traffic and ample opportunity for conflict and for confusion. The Sheriff would like to re-design the area, add certain barriers, re-purpose certain existing rooms, and create a different traffic flow to improve security throughout the area. This would also include creating a barrier to prohibit inmates from accessing the inmate property storage area.

Service Impact:

The safety and security of the inmates and staff during intake and release processing will be greatly improved.

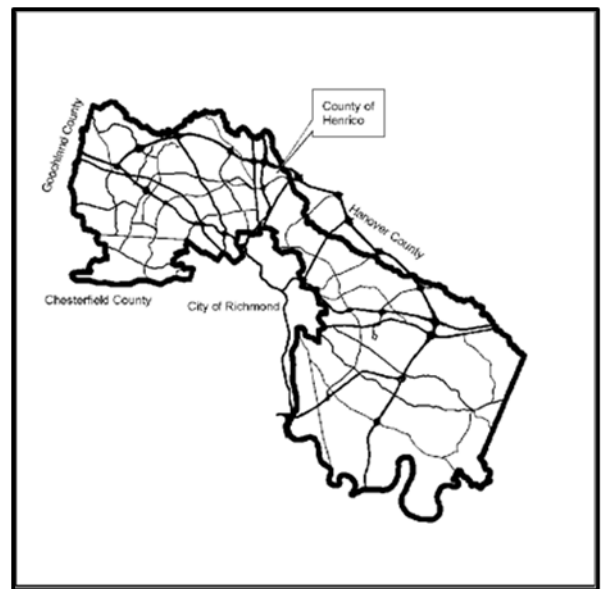
Operating Impacts:

Male and female inmates will be separated and thus require less staff intervention.

Project Milestones:

- Planning and construction of this project are scheduled for FY2022.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$38,894	\$-	\$-	\$-	\$-	\$38,894
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	202,492	-	-	-	-	202,492
Other	-	20,837	-	-	-	-	20,837
FFE	-	-	-	-	-	-	-
Total	\$-	\$262,222	\$-	\$-	\$-	\$-	\$262,222
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Jail West Kitchen Renovations – 08566

Department Sheriff	Funding Source No Funding Source	Project Location 4317 East Parham Rd
Magisterial District General Government	Project Classification Building Improvement	Project Type Non-Recurring

Project Description:

This project would expand the existing kitchen into the adjacent old dining hall area, which is no longer used as a dining hall. This would allow better surveillance of activities in the kitchen. It will also allow for the creation of a smaller dedicated canteen area that will be safer and more secure and would move the kitchen walk-in freezer from the exterior loading dock into a room adjacent for the kitchen. This would enable some architectural features to expand the laundry, canteen, dry storage, and kitchen. The movement of the freezer will improve security since inmates will no longer be allowed substantial access to the loading dock. Finally, removing the freezer from the loading dock will allow a door to be built into the laundry area; this door will be large enough to enable to Sheriff to purchase and install washer machines inside the laundry area. Each of these changes will help to resolve daily concerns with logistics and security.

Service Impact:

This will improve the delivery of meal service within the jail as the original kitchen was designed and built to accommodate four hundred meals per seating but averages more than twice that over the past year.

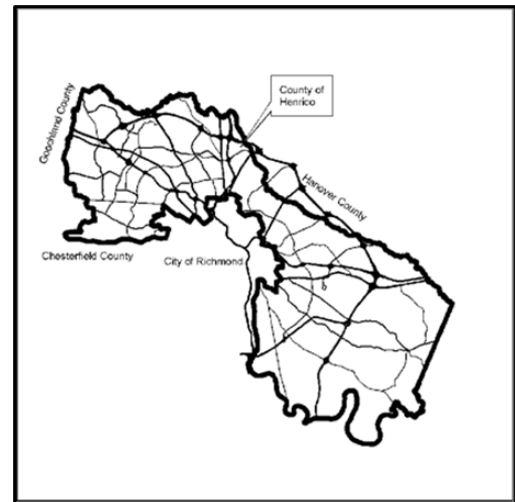
Operating Impacts:

This design will allow for less hall traffic for working inmates and improve control procedures. The design will also allow for more storage and improved weekly meal inventory in addition to allow for faster meal service.

Project Milestones:

- Canteen services projected to move offsite in Spring 2021

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$118,827	\$-	\$-	\$-	\$-	\$118,827
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	458,544	-	-	-	-	458,544
Other	-	55,845	-	-	-	-	55,845
FFE	-	7,229	-	-	-	-	7,229
Total	\$-	\$640,514	\$-	\$-	\$-	\$-	\$640,514
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Jail West Female Housing Expansion – 08565

Department Sheriff	Funding Source No Funding Source, Funded Outside CIP	Project Location 4317 East Parham Rd
Magisterial District General Government	Project Classification Building Improvements	Project Type Non-Recurring

Project Description:

This project will convert existing work release inmate location for use by females by infilling an existing doorway with a new masonry wall and converting the men’s restroom urinals into a bathroom stall. This renovation is predicated on the existing work release inmates being relocated into a new location.

Service Impact:

This project addresses the need for increased female housing as the female inmate population has grown significantly over time.

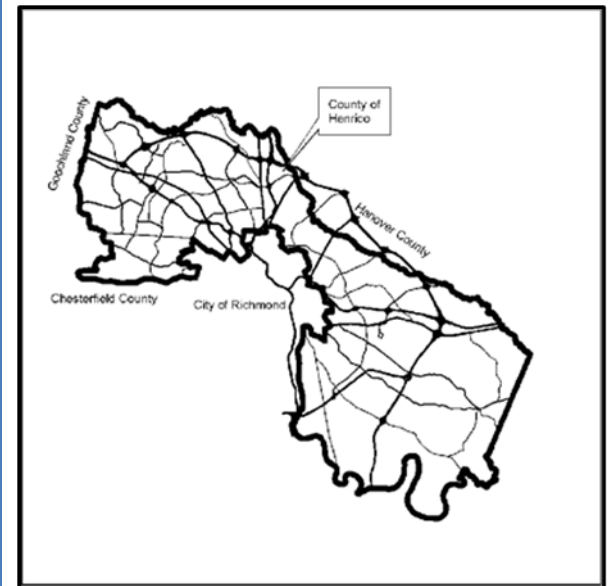
Operating Impacts:

This design will allow for more space to improve the safety and security of female inmates.

Project Milestones:

- Planning and construction of this project are planned for FY2022.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$13,151	\$-	\$-	\$-	\$-	\$13,151
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	48,832	-	-	-	-	48,832
Other	-	9,973	-	-	-	-	9,973
FFE	-	3,788	-	-	-	-	3,788
Total	\$-	\$75,744	\$-	\$-	\$-	\$-	\$75,744
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	



Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Woodman Road Complex

Project	Priority	Recommended	Request	Request	Request	Request	Request	Request	Total
		FY21-22	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26	FY27-FY31	Ten Year
06213 Recreation & Parks Western Maintenance Facility	1	0	0	0	0	715,039	4,142,312	0	4,857,351
08599 Woodman Police and Fire Installation Shop (CAM)	2	0	0	0	0	988,865	6,587,658	0	7,576,523
Department Subtotal		0	0	0	0	1,703,904	10,729,970	0	12,433,874

Western Maintenance Facility – 06213

Department Recreation & Parks – Woodman Rd	Funding Source No Funding Source	Project Location Woodman Rd Complex
Magisterial District General Government	Project Classification Building (New)	Project Type Non-recurring

Project Description:

This project would construct a new Western Maintenance facility for Parks and Recreation at the Woodman Rd. Complex. The new facility would include a single-story office building as well as a storage and shop area. The project includes an addition to the existing maintenance building currently at the Woodman Rd. Complex.

Service Impact:

This facility would provide space for up to eleven new offices for staff, conference rooms, and storage space.

Operating Impacts:

This project is expected to improve efficiency within Recreation and Parks. There are no anticipated fiscal operating impacts from this project currently.

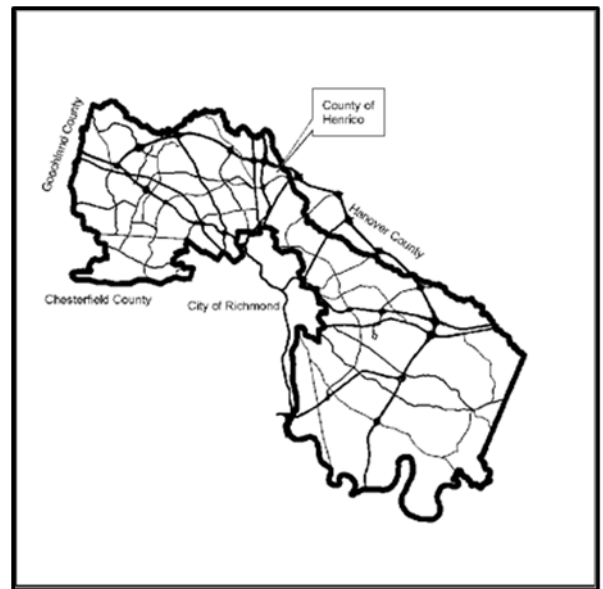
Project Milestones:

- Project funding of \$1.5M was provided in FY07.
- Programming and planning design work on department needs were completed as well as a template for the proposed facility.

Project Milestones (cont):

- Procurement of land for the facility did not materialize and the project was suspended in 2012.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$715,039	\$-	\$715,039
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	3,277,275	3,277,275
Other	-	-	-	-	-	577,845	577,845
FFE	-	-	-	-	-	287,192	287,192
Total	\$-	\$-	\$-	\$-	\$715,039	\$4,142,312	\$4,857,351
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Woodman Police and Fire Installation Shop (CAM) – 08599

Department General Services – Woodman Rd	Funding Source No Funding Source	Project Location Woodman Rd. Complex
Magisterial District General Government	Project Classification Building (New)	Project Type Non-Recurring

Project Description:

This project provides for a pre-engineered metal service and storage building close to the Central Automotive Maintenance Building that would house Police and Fire vehicle communication system installation and indoor vehicle storage. The building will accommodate 12 bays to house Police installations, Fire apparatus storage, restrooms, offices, storage, and associated parking. The project requires the relocations of some school bus parking. A new two-lane bridge with single sidewalk over North Run Creek is required and additional parking in the area that is currently used to handle miscellaneous road/utility materials is included. A road would connect the bridge to the new parking and then extend towards Mountain Rd to allow for a third access route to the Woodman Road Complex.

Service Impact:

The proposed Police & Fire Installation Shop address the increasing need for space to accommodate vehicle communication equipment by the Police Communications Department. Fire vehicles also require communications systems installations, but also need to be housed in a heated building to keep from freezing in the winter.

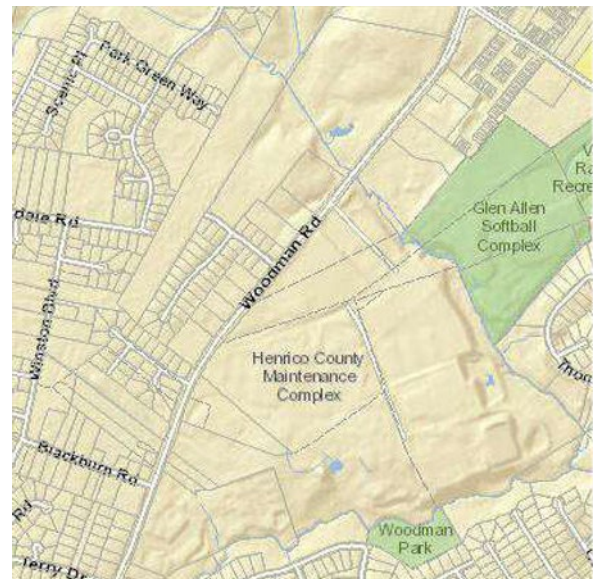
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- Design is currently planned for FY2025 and construction for FY2026

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$988,865	\$-	\$988,865
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	5,785,426	5,785,426
Other	-	-	-	-	-	734,939	734,939
FFE	-	-	-	-	-	67,293	67,293
Total	\$-	\$-	\$-	\$-	\$988,865	\$6,587,658	\$7,576,523
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	



Capital Improvement Program Five Year Summary FY2021-22 through FY2030-31

Capital Projects Fund - Department Requests by Fiscal Year and Priority Number

Public Utilities										
Project	Priority	Recommended FY21-22	Request FY21-22	Request FY22-23	Request FY23-24	Request FY24-26	Request FY25-26	Request FY27-FY31	Total Ten Year	
Public Utilities - Sewer										
00782	New Sewer Connections	1	300,000	300,000	300,000	300,000	300,000	TBD	1,500,000	
00772	Sewer Line Extensions	2	500,000	500,000	500,000	500,000	500,000	TBD	2,500,000	
00732	Sewer Line Rehabilitation	3	5,000,000	5,000,000	5,000,000	2,500,000	5,000,000	7,500,000	25,000,000	
00743	Sewer Pump Station Improvements	4	1,500,000	1,500,000	1,800,000	1,000,000	500,000	1,500,000	6,300,000	
00737	Sewer Reloc., Adjustments & Crossings	5	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000	
00725	Plan Review and Inspection	6	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	10,500,000	
08172	Water Reclamation Facility Improvements	7	10,000,000	10,000,000	1,000,000	1,000,000	1,000,000	1,000,000	14,000,000	
01076	Strawberry Hill Basin Sewer Rehab	8	8,000,000	8,000,000	9,000,000	9,000,000	4,000,000	15,000,000	45,000,000	
06159	Almond Creek Force Main	9	500,000	500,000	8,500,000	0	0	0	9,000,000	
06666	Horsepen Br Sew - Broad Street to Rte 33	10	0	0	0	27,000,000	0	0	27,000,000	
06450	White Oak SPS FM	11	0	0	0	5,000,000	0	0	5,000,000	
06667	Tuckahoe Creek Trunk Sewer Rehab	12	0	0	0	0	7,000,000	0	7,000,000	
06152	Gambles Mill SPS FEB Modification	13	0	0	0	0	5,000,000	0	5,000,000	
00735	Water Reclamation Facility Expansion	14	0	0	0	0	42,000,000	0	42,000,000	
06154	North Run Trunk Sewer	15	0	0	0	0	6,500,000	0	6,500,000	
06158	Hungary Creek Trunk Sewer	16	0	0	0	0	4,500,000	0	4,500,000	
06838	Allens and Rooty Branch Force Main Upgrade	17	0	0	0	0	4,500,000	0	4,500,000	
New	Westwood Improvements	18	0	0	0	0	0	1,500,000	1,500,000	
New	Almond Creek Trunk Sewer Main	19	0	0	0	0	0	3,500,000	3,500,000	
New	Rooty Branch SPS Replacement	20	0	0	0	0	0	11,500,000	11,500,000	
New	Rooty Branch Force Main	21	0	0	0	0	0	6,000,000	6,000,000	
New	Gillies Creek FEB	22	0	0	0	0	0	7,000,000	7,000,000	
New	Rooty Branch Sewers (Deep Run Outfall)	23	0	0	0	0	0	19,500,000	19,500,000	
New	Upham Brook Storage Facility	24	0	0	0	0	0	22,000,000	22,000,000	
Department Subtotal			28,100,000	28,100,000	28,400,000	48,600,000	83,100,000	29,600,000	69,500,000	287,300,000
Public Utilities - Water										
00771	New Water Connections	1	150,000	150,000	150,000	150,000	150,000	150,000	750,000	
00770	Water Line Extensions	2	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000	
00768	Water Line Rehabilitation	3	2,000,000	2,000,000	4,000,000	3,000,000	4,000,000	5,000,000	18,000,000	
00769	Water Pumping Station Improvements	4	500,000	500,000	500,000	1,000,000	1,000,000	1,000,000	4,000,000	
00780	Water Meters	5	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	6,500,000	
00767	Water Reloc., Adjustments & Crossings	6	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000	
08171	Water Treatment Facility Improvements	7	750,000	750,000	750,000	750,000	750,000	750,000	3,750,000	
00811	Information Technology Projects	8	0	0	5,000,000	0	0	0	5,000,000	
06118	Sadler Road 12" Water Line	9	0	0	0	1,500,000	0	0	1,500,000	
00020	Richmond Henrico Water Main	10	0	0	0	1,000,000	0	0	1,000,000	
New	Three Chopt Road Water Main Improvements	11	0	0	0	1,700,000	0	0	1,700,000	
06119	Laburnum Ave Water Booster Station	12	0	0	0	800,000	0	2,500,000	3,300,000	
06615	Ridge Water Pressure Zone	13	0	0	0	0	2,800,000	0	2,800,000	
08555	Portugee Road Water Pumping Station	14	0	0	0	0	0	1,000,000	1,000,000	
08556	Old Williamsburg Water Pumping Station	15	0	0	0	0	0	750,000	750,000	
Department Subtotal			5,200,000	5,200,000	12,200,000	11,700,000	10,500,000	12,950,000	0	52,550,000
Grand Total - Enterprise W/S Fund			33,300,000	33,300,000	40,600,000	60,300,000	93,600,000	42,550,000	69,500,000	339,850,000

Sewer Connections – 00782

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Sewer	Project Type Recurring

Project Description:

Design and construct sewer service connections to serve new customers requesting service connections to existing sewer mains.

Service Impact:

This project provides the installation of sewer service connections for owner occupied homes on existing parcels to address the demands of growth and development of Henrico County.

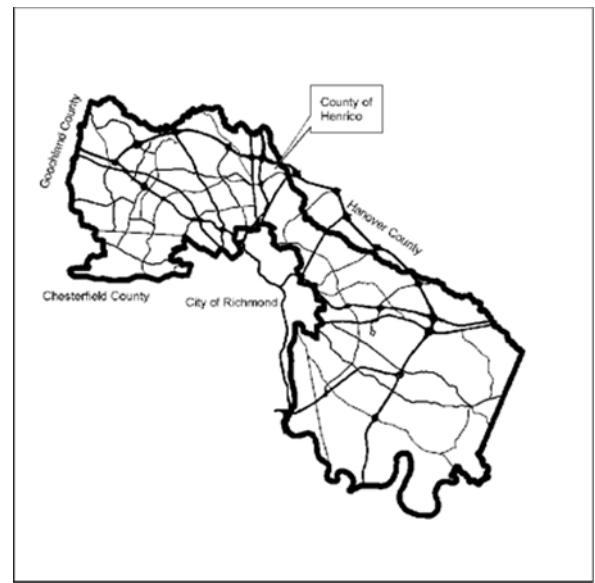
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- FY21 funding for this project was \$300,000

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Sewer Line Extensions - 00772

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Sewer	Project Type Recurring

Project Description:

Design and construct sewer main extensions from the existing system to serve owner occupied single-family residences.

Service Impact:

Installation of sewer main extensions for owner occupied homes to provide sewer service to new customers to address demands of growth and development of the County.

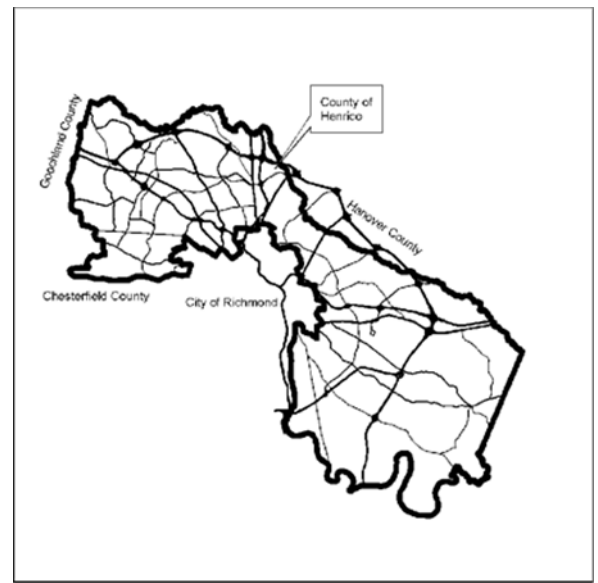
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- FY21 funding for this project was \$500,000

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Sewer Line Rehabilitation– 00732

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Sewer	Project Type Recurring

Project Description:

This project provides funding to rehabilitate or replace deteriorated sewer mains. The design and construction of individual projects are included within this project. The need for these individual projects is determined through the department’s wet weather flow program, TV inspection program, sewer main cleaning program, and work orders.

Service Impact:

This project allows the County to maintain proper sewer lines and improve the delivery of service by updated old and outdated sewer mains.

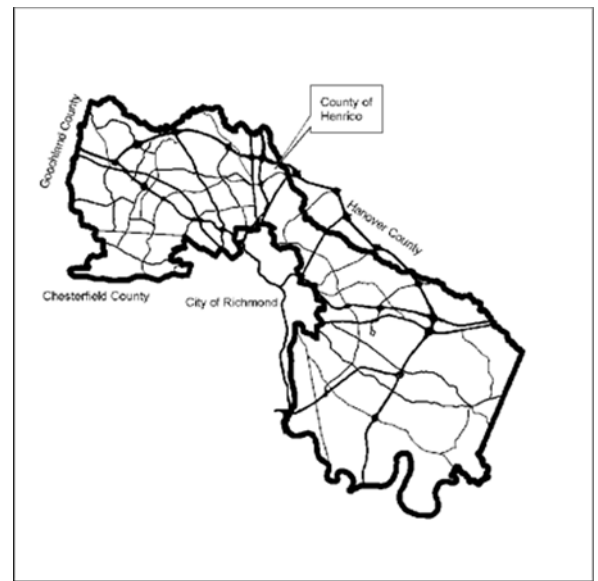
Operating Impacts:

There are no operating fiscal impacts associated with this project.

Project Milestones:

- FY21 funding for this project was \$4M

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	\$3,000,000	\$4,000,000	\$4,000,000	\$1,500,000	\$4,000,000	\$6,500,000	\$20,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$4,000,000	\$5,000,000	\$5,000,000	\$2,500,000	\$5,000,000	\$7,500,000	\$25,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Sewer Pump Station Improvements – 00743

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Sewer	Project Type Recurring

Project Description:

Design and construct improvements and major repairs at existing sewage pumping stations necessary to upgrade and maintain sewage pumping stations.

Service Impact:

This project provides necessary improvements to improve the delivery of existing services.

Operating Impacts:

There are no fiscal operating impacts with this project.

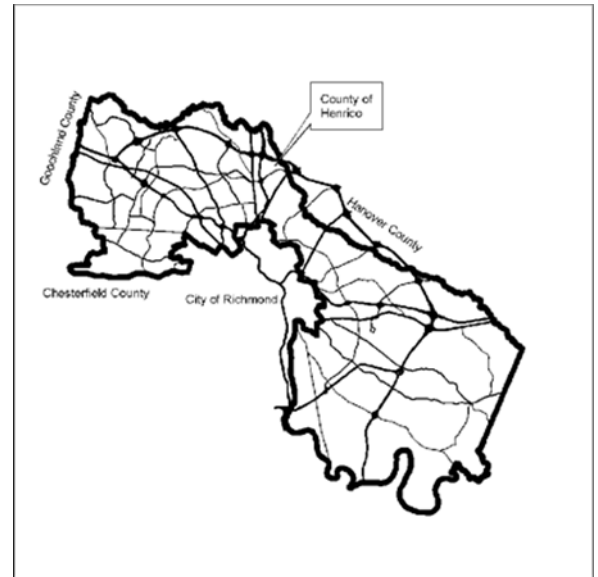
Project Milestones:

- FY20 work was construction of standby power at Mayfield, ACCA and Chickahominy SPS as well as AFD for Gillies Creek
- FY21 work includes design for AFD Upgrades at Strawberry Hill

Project Milestones (cont.):

- FY23 work is Holladay Branch construction
- FY21 Funding was \$400,000

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$300,000	\$300,000	\$200,000	\$-	\$300,000	\$1,100,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	400,000	1,200,000	1,500,000	800,000	500,000	1,200,000	5,200,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$400,000	\$1,500,000	\$1,800,000	\$1,000,000	\$500,000	\$1,500,000	\$6,300,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Sewer Relocations, Adjustments, and Crossings – 00737

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Sewer	Project Type Recurring

Project Description:

This project adjusts existing sewer lines and extends new sewer lines necessary for coordination with road and drainage projects. The recurring project covers the design and construction of sewer relocations, adjustments, and crossings that are part of the County and State road projects and County drainage projects.

Service Impact:

This project seeks to improve the delivery of existing services by providing necessary sewer main adjustments or relocations based on various Public Works and Virginia Department of Transportation projects.

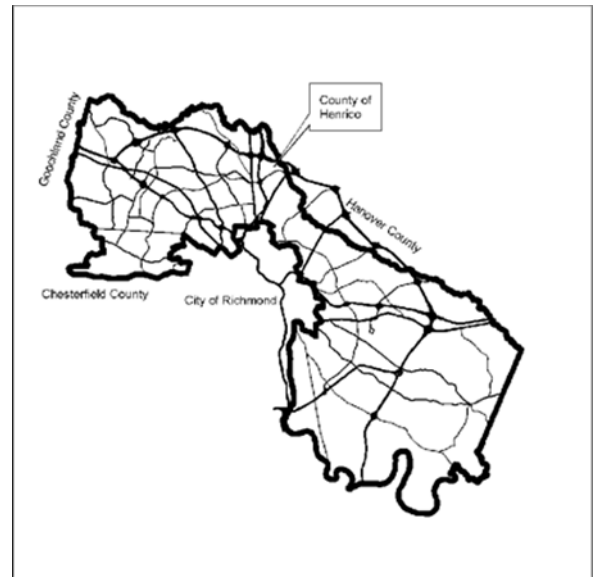
Operating Impacts:

There is no fiscal operating impact associated with this project.

Project Milestones:

- FY21 funding for this project is \$200,000

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Plan Review and Inspection – 00725

Department Public Utilities	Funding Source Enterprise Fund	Project Location County Wide
Magisterial District County Wide	Project Classification Sewer	Project Type Recurring

Project Description:

This project is a recurring project that provides funding for costs of engineering plan review and construction inspection by DPU staff for plan review and installation of water and sewer mains by private developers. The project captures the amount of County cost associated with private development engineering and construction and assigns the values to the total costs of donated water and sewer assets.

Service Impact:

This project enables the department to address the demands of growth and development within Henrico County.

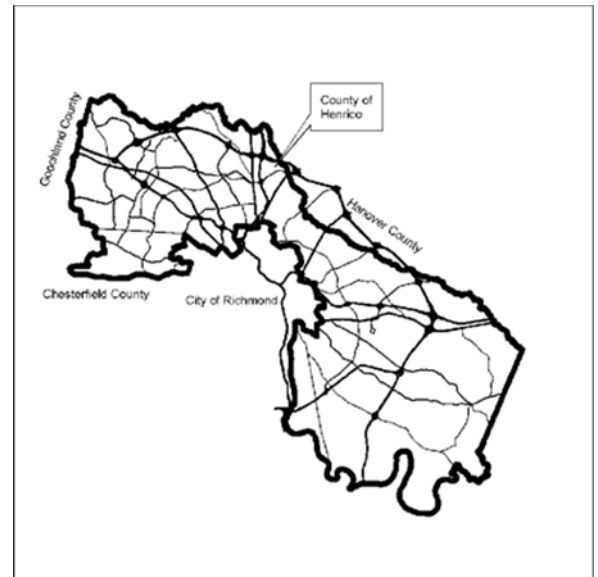
Operating Impacts:

There are no planned operating fiscal impacts from this project.

Project Milestones:

- FY21 funding for this project was \$2M

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	\$1,000,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$5,500,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$2,000,000	\$2,100,000	\$2,100,000	\$2,100,000	\$2,100,000	\$2,100,000	\$10,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Water Reclamation Facility Improvements – 08172

Department Public Utilities	Funding Source Enterprise Fund	Project Location 9101 WRVA Rd
Magisterial District Varina	Project Classification Sewer	Project Type Recurring

Project Description:

Design and construct improvements and major repairs and replacements at the Water Reclamation Facility necessary to upgrade and maintain the facility.

Service Impact:

The need for upgrades and repairs to the Water Reclamation Facility is determined from on-going operations and maintenance programs, from the master utility plan and facility assessments.

Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- FY21 funding for this project was \$500,000
- \$7M in funding was added to this project in FY21 from bond proceeds

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$100,000	\$3,000,000	\$200,000	\$200,000	\$200,000	\$200,000	\$3,800,000
Land							
Offsite Improvements/Utilities							
Construction	400,000	7,000,000	800,000	800,000	800,000	800,000	10,200,000
Other	-	-	-	-	-	-	-
FFE							
Total	\$500,000	\$10,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$14,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Strawberry Hill Basin Sewer Rehabilitation – 01076

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Sewer	Project Type Recurring

Project Description:

In the Strawberry Hill sewer service area, rehabilitate or replace deteriorating sewer piping to reduce wet weather flows due to infiltration and inflow, prevent overflows, ensure adequate pipe capacity, and improve the overall condition of the sewer system. Work will include sanitary sewer evaluation as well as design and construction of system improvements. These projects are located in Three Chopt, Tuckahoe, Brookland, and Fairfield magisterial districts.

Service Impact:

This project is recommended by the Henrico Wet Weather Flow Reduction Plan Update (2004) and updated with the Defective Sewer Line Rehabilitation Program System Wide Prioritization Update (2011) in order to maintain and improve the delivery of existing services.

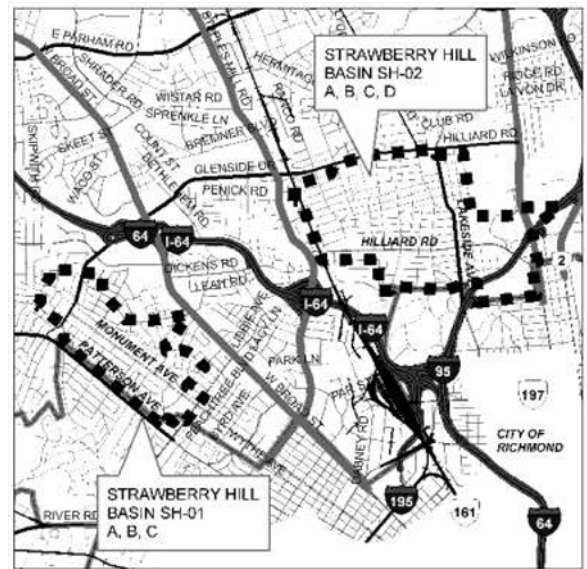
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- FY21 funding for this project was \$5M

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$800,000	\$1,600,000	\$1,600,000	\$1,600,000	\$800,000	\$2,400,000	\$8,000,000
Land							
Offsite Improvements/Utilities							
Construction	4,200,000	6,400,000	7,400,000	7,400,000	3,200,000	12,600,000	37,000,000
Other	-	-	-	-	-	-	-
FFE							
Total	\$5,000,000	\$8,000,000	\$9,000,000	\$9,000,000	\$4,000,000	\$15,000,000	\$45,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Almond Creek Force Main – 06159

Department Public Utilities	Funding Source Enterprise Fund	Project Location Along Old Osborne Turnpike and New Market Rd
Magisterial District Varina	Project Classification Sewer	Project Type Non-recurring

Project Description:

Design and construct 11,200 feet of existing force main necessary to increase capacity from 2.7 MGD to 7.0 MGD. The force main extends from the existing Almond Creek SPS to a discharge point at New Market SPS.

Service Impact:

The replacement of the existing force is necessary to provide conveyance of the increased discharge. This also provides for addition capacity for increasing growth demands and wet weather flows.

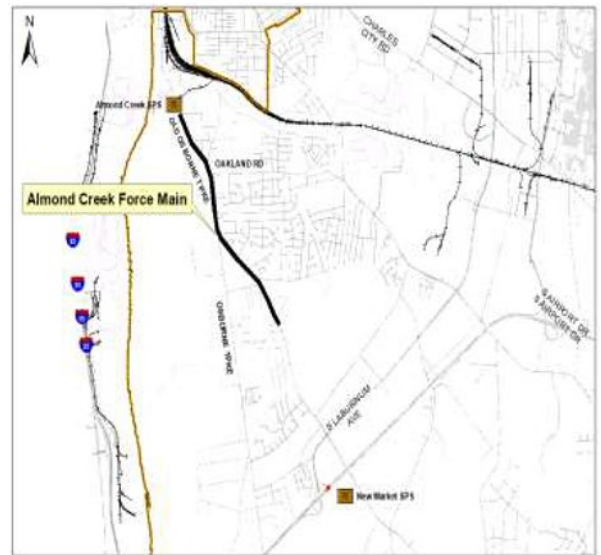
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- The need for this project was identified in the 2007 Water and Sewer Facility Plan.
- Design is scheduled for FY2022 and construction for FY2023.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$500,000	\$-	\$-	\$-	\$-	\$9,000,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	8,500,000	-	-	-	-
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$500,000	\$8,500,000	\$-	\$-	\$-	\$9,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Horsepen Branch Trunk Sewer – 06666

Department Public Utilities	Funding Source Enterprise Fund	Project Location From W. Broad St near Horsepen Rd to Staples Mill Rd
Magisterial District Brookland	Project Classification Sewer	Project Type Non-recurring

Project Description:

Design and construct approximately 7,000 feet of 42" sewer main. Pipe will be installed parallel to existing sewer trunk.

Service Impact:

This project was identified as a need to meet the increased capacity of the existing facility for increasing growth demands for wet weather flows.

Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- The 2007 Water and Sewer Facility plan identified the need for this project.
- Construction is schedule for FY2024.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	27,000,000	-	-	27,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$27,000,000	\$-	\$-	\$27,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Tuckahoe Creek Trunk Sewer Rehabilitation – 06667

Department Public Utilities	Funding Source Enterprise Fund	Project Location Along Tuckahoe Creek from W. Broad St to River Rd SPS
Magisterial District Three Chopt and Tuckahoe	Project Classification Sewer	Project Type Non-recurring

Project Description:

Rehabilitate or replace approximately 32,700 feet of 27” to 54” sewer main.

Service Impact:

This project is needed to rehabilitate deteriorating sewer pipe, to reduce wet weather flows due to infiltration and inflow, to prevent overflow, to ensure adequate pipe capacity, and improve the overall condition of the sewer system.

Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- The project scope was determined by evaluation including CCTV with report completed by URS in April 2011.
- Design is scheduled to begin in FY2024

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-26
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$7,000,000	\$-	-	-	\$7,000,000
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	20,000,000	20,000,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$7,000,000	\$-	\$-	\$20,000,000	\$27,000,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Gambles Mill SPS FEB Modification – 06152

Department Public Utilities	Funding Source Enterprise Fund	Project Location 6113 Cary St
Magisterial District Tuckahoe	Project Classification Sewer	Project Type Non-recurring

Project Description:

Modify overflow basin to provide flow equalization capability and add emergency generator(s). Design and construct a 3MG flow equalization basin to replace the existing open basin and to provide emergency power for the facility.

Service Impact:

As use of the equalization basins increase, the basin needs to have a cover added that will allow control of odors. The generator(s) is being added to provide redundancy for emergency operation if the existing primary and secondary power feeds from Virginia Power are lost. These upgrades are needed in order to maintain and improve the delivery of existing services.

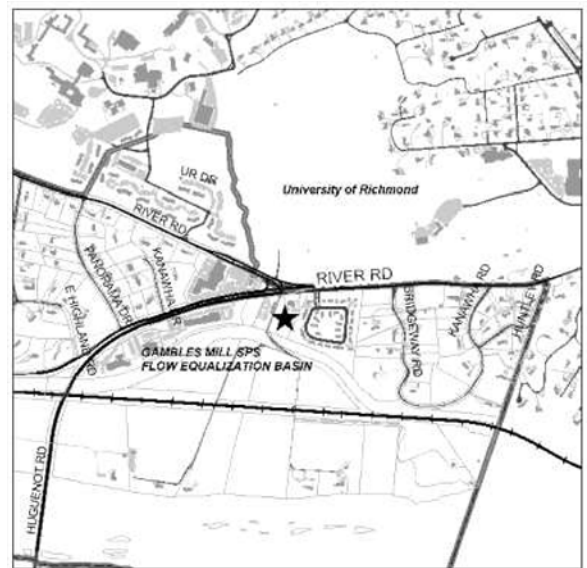
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- This project is part of an overall sewer rehabilitation program that was defined by the Utility Department’s Sewer Facilities Plan, dated June 1997.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-31
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	5,000,000	-	14,000,000	19,000,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$5,000,000	\$-	\$14,000,000	\$19,000,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Water Reclamation Facility Expansion – 00735

Department Public Utilities	Funding Source Enterprise Fund	Project Location 9101 WRVA Rd
Magisterial District Varina	Project Classification Sewer	Project Type Non-recurring

Project Description:

This project includes the design and construction of upgrades or improvements for facilities or treatment processes at the Water Reclamation facility. The work included in this five-year plan includes nutrient reduction improvements, filter replacement, and facility assessments.

Service Impact:

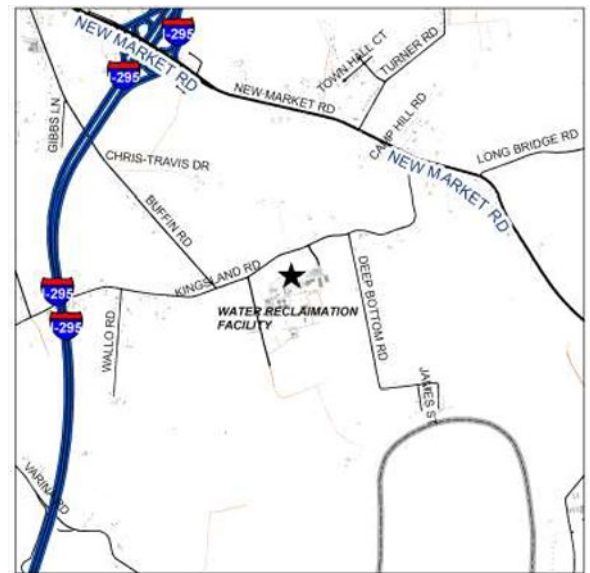
This project addresses the growth and development of Henrico County and strives to maintain proper upgrades at the Water Reclamation facility.

Operating Impacts:

There are no fiscal operating impacts for this project.

Project Milestones:

- Construction of filter replacement begins in FY21
- Remaining nutrient reduction improvements scheduled for FY25



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$4,000,000	\$-	\$4,000,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	\$38,000,000	-	38,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$42,000,000	\$-	\$42,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

North Run Trunk Sewer – 06154

Department Public Utilities	Funding Source Enterprise Fund	Project Location Along North Run Creek from Woodman Rd to Brook Rd
Magisterial District Fairfield	Project Classification Sewer	Project Type Non-recurring

Project Description:

Design and construct 22,350 feet of 54” gravity trunk sewer main beginning near Woodman Rd and extending downstream along North Run Creek to Brook Rd at Upham Brook.

Service Impact:

This project addresses demands of growth and development of the County.

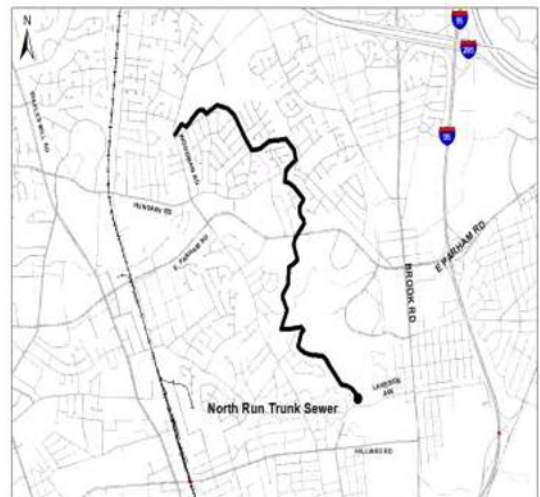
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- The need for this project was initially identified in the 2007 Water and Sewer Facility Plan and modified with the Innsbrook Area Study Special Focus Area Report, dated January 2013.
- Design is schedule for FY2025

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-26
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$6,500,000	-	-	\$6,500,000
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	30,000,000	30,000,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$6,500,000	\$-	\$30,000,000	\$36,500,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	

Hungary Creek Trunk Sewer – 06158

Department Public Utilities	Funding Source Enterprise Fund	Project Location Along Hungary Creek from Staples Mill Rd to Woodman Rd
Magisterial District Brookland and Fairfield	Project Classification Sewer	Project Type Non-recurring

Project Description:

Design and construct 19,100 feet of 48” gravity trunk sewer main beginning near Hungary Rd west of Staples Mill Rd and extending downstream along Hungary Creek to North Run Creek at Woodman Rd.

Service Impact:

This project addresses demands of growth and development of the County.

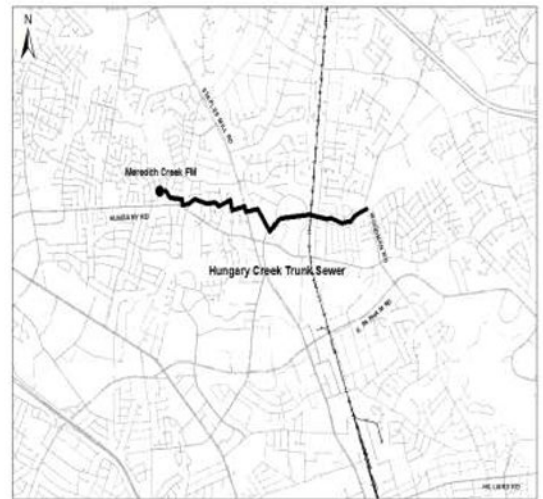
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- The need for this project was initially identified in the 2007 Water and Sewer Facility Plan and modified with the Innsbrook Area Study Special Focus Area Report, dated January 2013
- Design is scheduled to begin in FY2025

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-26
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$4,500,000	-	-	\$4,500,000
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	25,000,000	25,000,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$4,500,000	\$-	\$25,000,000	\$29,500,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Allen’s Branch and Rooty Branch Force Main – 06838

Department Public Utilities	Funding Source Enterprise Fund	Project Location From Rooty Branch SPS and Allen’s Branch SPS to Meredith Branch SPS
Magisterial District Three Chopt and Brookland	Project Classification Sewer	Project Type Non-recurring

Project Description:

Design and construct approximately 8,900 feet of 42” diameter force main to replace existing force main. The existing 24” force main will be abandoned. Capacity of this system will be increased by 32.9 mgd to a total of 48.8 mgd.

Service Impact:

This project is needed to handle additional demands from Innsbrook through Rooty Branch SPS.

Operating Impacts:

There are no fiscal operating impacts associated with this project.

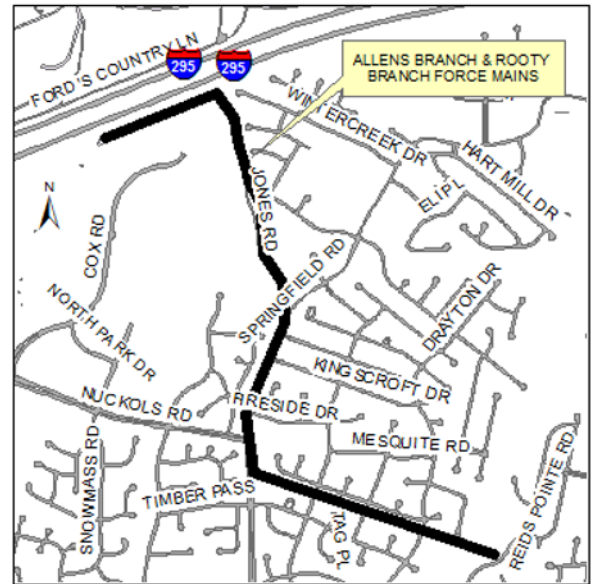
Project Milestones:

- The need for this project was initially identified in the 2007 Water and Sewer Facility Plan and modified with the Innsbrook Area Study Special Focus Area Report dated January 2013.

Project Milestones (cont.):

- Design is scheduled to begin in FY2025

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-26
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$4,500,000	\$-	\$-	\$4,500,000
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	9,000,000	9,000,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$4,500,000	\$-	\$9,000,000	\$13,500,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Westwood Improvements

Department Public Utilities	Funding Source Enterprise Fund	Project Location Westwood Area from Staples Mill Rd to the City line
Magisterial District Brookland	Project Classification Sewer	Project Type Non-recurring

Project Description:

Design improvements in the Westwood area including ACCA 5mgd SPS, 16" Force Main, and 24" Dabney Outfall Sewer.

Service Impact:

This project is designed to address the demands of growth and development of Henrico County.

Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- Design for the project is projected for FY2026

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$1,500,000	\$1,500,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$-	\$1,500,000	\$1,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Water Connections – 00771

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Water	Project Type Recurring

Project Description:

Design and construct water service connections to serve customers from existing water system.

Service Impact:

Installation of water service connections for owner occupied homes is a service to provide water to new customers to address the demands of growth and development of the County.

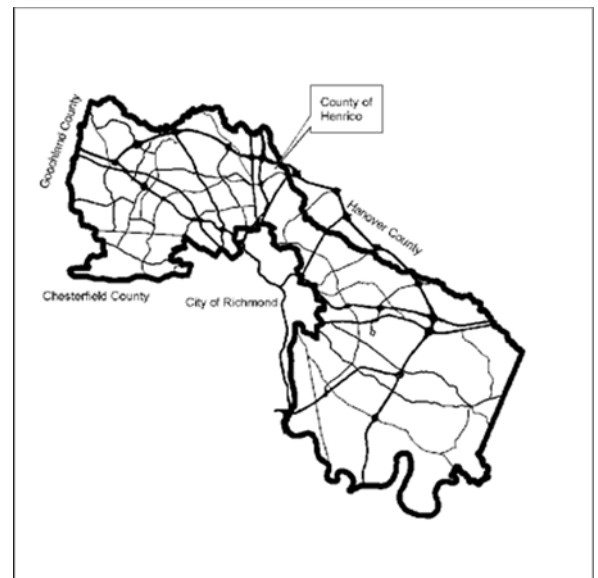
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- FY21 funding for this project was \$150,000

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	150,000	150,000	150,000	150,000	150,000	150,000	750,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Water Line Extension – 00770

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Water	Project Type Recurring

Project Description:

Design and construct water main extensions from the existing system to serve owner-occupied single-family residences.

Service Impact:

The installation of water main extensions for owner occupied homes is a service provided to provide water services to new customers and address the demands of growth and development of the County.

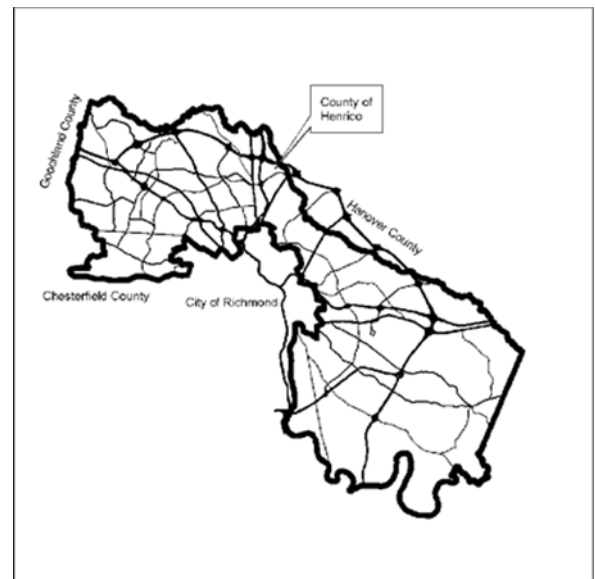
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- FY21 funding for this project was \$300,000

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Water Line Rehabilitation – 00768

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Water	Project Type Recurring

Project Description:

Design and construct replacement of deteriorated water mains. Existing mains and services are replaced as needed to upgrade the system.

Service Impact:

This project is part of the department’s water rehabilitation program that is necessary to maintain and improve the delivery of water service to customers.

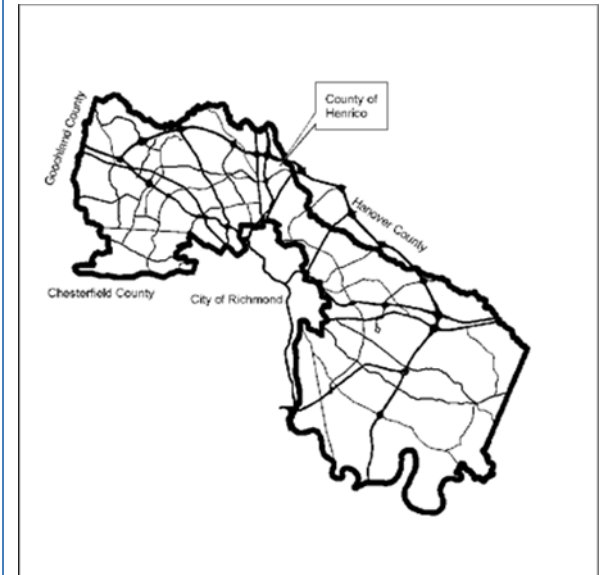
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- FY21 funding for this project was \$4M

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$800,000	\$400,000	\$800,000	\$600,000	\$800,000	\$1,000,000	\$3,600,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	3,200,000	1,600,000	3,200,000	2,400,000	3,200,000	4,000,000	14,400,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$4,000,000	\$2,000,000	\$4,000,000	\$3,000,000	\$4,000,000	\$5,000,000	\$18,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Water Pumping Station Improvements – 00769

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Water	Project Type Recurring

Project Description:

Design and construct improvements and major repairs at existing water pumping stations.

Service Impact:

The needs for upgrades and repairs to pumping stations are determined from operations on-going maintenance programs and the master utility plan in order to continue and improve the delivery of existing services.

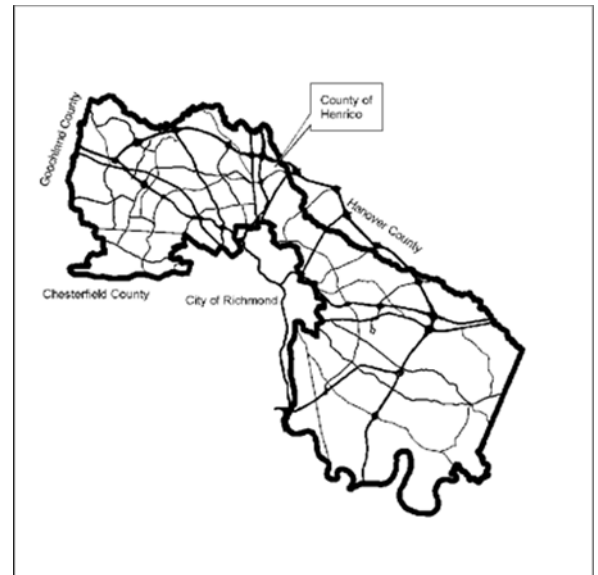
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- FY21 funding for this project was \$500,000

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$100,000	\$100,000	\$100,000	\$200,000	\$200,000	\$200,000	\$800,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	400,000	400,000	400,000	800,000	800,000	800,000	3,200,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$500,000	\$500,000	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	
Operating (incremental)	-	-	-	-	-	-	
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Water Meters – 00780

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Water	Project Type Recurring

Project Description:

Install water meters on new water service connections to measure the amount of water being delivered to customers.

Service Impact:

New water meter installations are necessary to improve the delivery of existing services as water meters are required on all service connection in order for usage to be read and quantities used determine to ensure accurate customer billing.

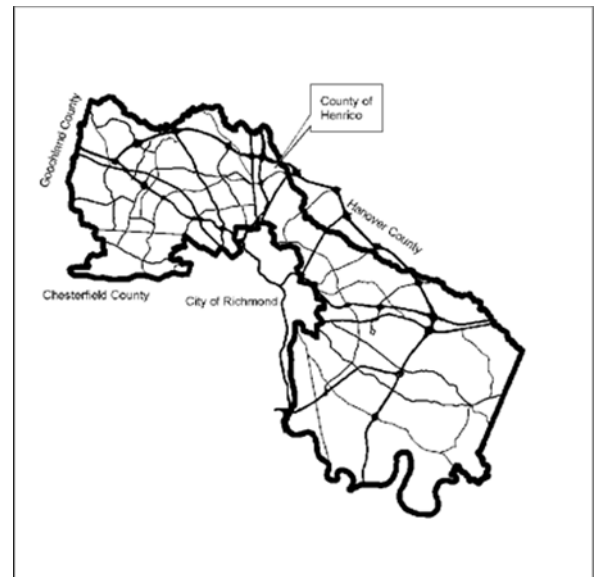
Operating Impacts:

There are no fiscal operating costs associated with this project.

Project Milestones:

- FY21 funding for this project was \$1M

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	1,000,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	6,500,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$1,000,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Water Relocations, Adjustments, and Crossings – 00767

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Water	Project Type Recurring

Project Description:

Design and construction water relocations, adjustments, and crossings that are part of County and state road projects and County drainage projects.

Service Impact:

This project seeks to improve the delivery of existing services by providing necessary water main adjustments or relocations based on various Public Works and Virginia Department of Transportation projects.

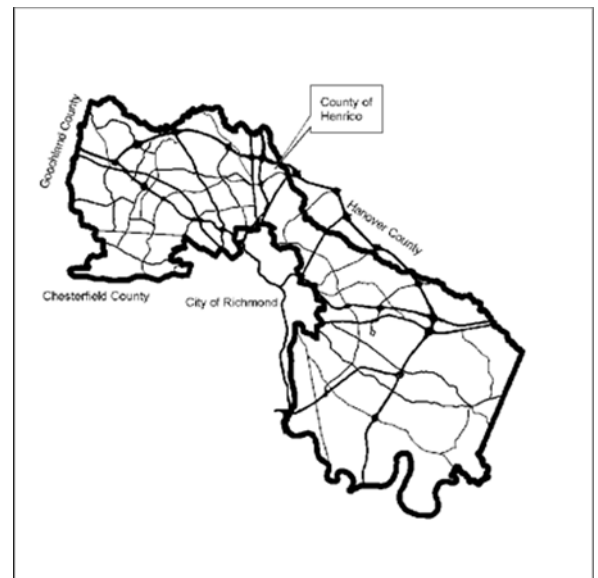
Operating Impacts:

There are no fiscal operating impacts with this project.

Project Milestones:

- FY21 Funding for this project was \$200,000

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$	\$-	\$-	\$-	\$-	\$-	\$1,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	

Water Treatment Facility Improvements – 08171

Department Public Utilities	Funding Source Enterprise Fund	Project Location 10111 Three Chopt Rd
Magisterial District Three Chopt	Project Classification Water	Project Type Recurring

Project Description:

Design and construct improvements and major repairs and replacements at the Water Treatment Facility necessary to upgrade and maintain the facility.

Service Impact:

The need for upgrades and repairs to the Water Treatment Facility is determined from on-going operations and maintenance programs, from the master utility plan and facility assessments.

Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- FY21 funding for this project was \$1.5M

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$300,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	1,200,000	600,000	600,000	600,000	600,000	600,000	3,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$1,500,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Information Technology Projects – 00811

Department Public Utilities	Funding Source Enterprise Fund	Project Location Countywide
Magisterial District Countywide	Project Classification Technology Improvements	Project Type Recurring

Project Description:

Develop and implement current technology to improve utility services. Study, design, and purchase of technology equipment and software that support a public utility, including customer information, maintenance management, electronic utility mapping, and industrial pretreatment programs.

Service Impact:

This project will implement various technology projects to support the effective management and operating of the utility system.

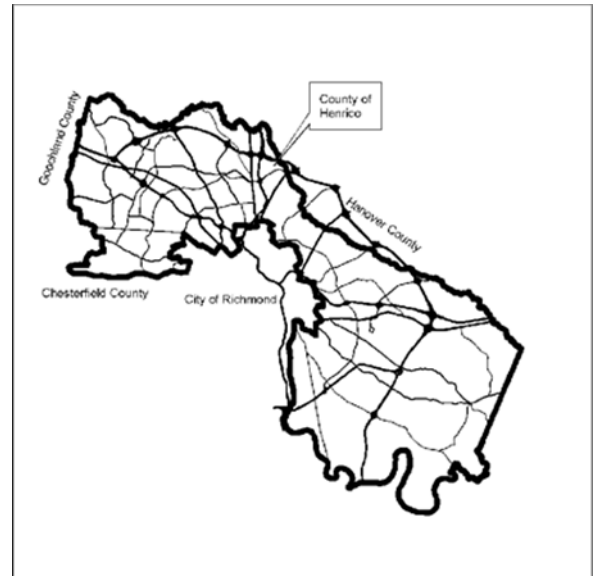
Operating Impacts:

There are no associated operating costs with this project.

Project Milestones:

- FY21 Funding for this project was \$200,000
- \$3M was added to this project with bond proceeds in FY21

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Year	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	200,000	-	5,000,000	-	-	-	5,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$5,000,000	\$-	\$-	\$-	\$5,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Sadler Road 12” Water Line – 06118

Department Public Utilities	Funding Source Enterprise Fund	Project Location Sadler Rd from Old Sadler Rd to Sadler Grove Dr
Magisterial District Three Chopt	Project Classification Water	Project Type Non-recurring

Project Description:

Design and construct approximately 7,700 feet of 12” water main with the widening of Sadler Rd

Service Impact:

Water mains are extended with construction of new roads in accordance with the utility master plan in order to address the demands of growth and development of the County.

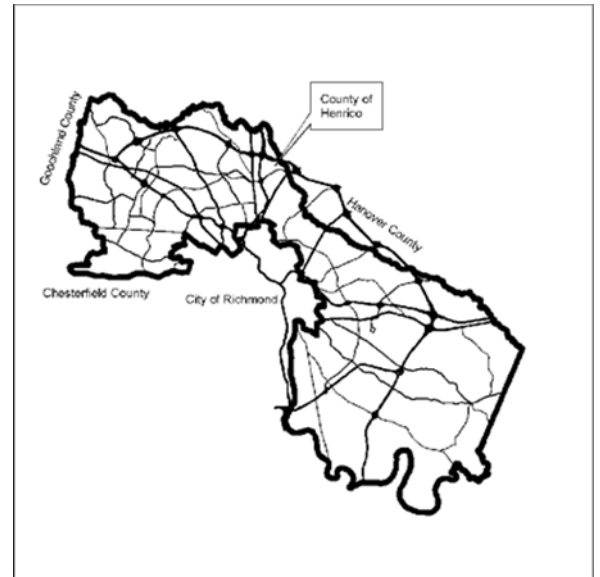
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- Project will be timed with DPW construction schedule to minimize future impacts on the roadway.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	1,500,000	-	-	-	1,500,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$1,500,000	\$-	\$-	\$-	\$1,500,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Richmond Henrico Water Main – 00020

Department Public Utilities	Funding Source Enterprise Fund	Project Location Along Richmond Henrico Turnpike from Laburnum Ave to Azalea Ave
Magisterial District Fairfield	Project Classification Water	Project Type Non-recurring

Project Description:

Construct a 16" water main in Richmond Henrico Turnpike from Laburnum Avenue to Azalea Avenue.

Service Impact:

This project is being coordinated with DPW road improvements to continue and improve delivery of existing services.

Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- Construction is scheduled for FY2024 in conjunction with a DPW road project

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	1,000,000	-	-	1,000,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$1,000,000	\$-	\$-	\$1,000,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Three Chopt Road Water Main Improvements

Department Public Utilities	Funding Source Enterprise Fund	Project Location Three Chopt Rd from Gaskins Rd to John Rolfe Pkwy
Magisterial District Three Chopt	Project Classification Water	Project Type Non-recurring

Project Description:

Install a water main on Three Chopt Rd.

Service Impact:

This project is being coordinated with a DPW road project and will address the demands of growth and development of the County.

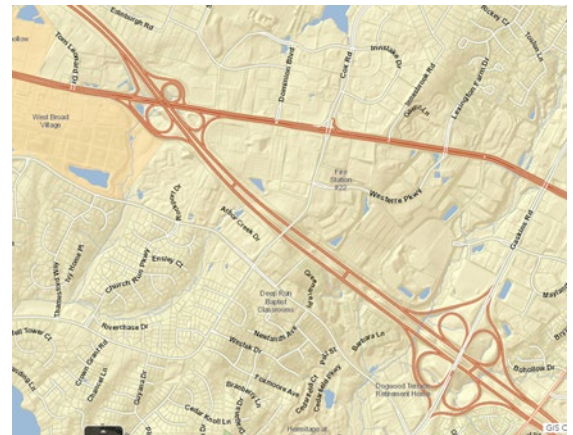
Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- Construction for this project is planned for FY2024

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Total FY2022-26
Project Breakdown							
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-
Construction	-	-	-	1,700,000	-	-	1,700,000
Other	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$1,700,000	\$-	\$-	\$1,700,000
Operating Budget Impacts							
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Ridge Water Pressure Zone – 06615

Department Public Utilities	Funding Source Enterprise Fund	Project Location Area around Ridge WPS near Parham Rd and Patterson Ave
Magisterial District Tuckahoe	Project Classification Water	Project Type Non-Recurring

Project Description:

Provide improvements to create a new high-pressure service zone. Phase I will be construction of a new 3MG ground storage water tank to replace the existing tanks in FY25. Phase II will require installing approximately 3,000 feet of 12” water main in Ridge Rd from Henrico Avenue to Westham Woods Dr, 200 feet of 12” water main at Parham Rd and Patterson Ave, and six PRVs at various locations with construction planned for FY29.

Service Impact:

This project ensures continuation of and improves delivery of existing services.

Operating Impacts:

There are no fiscal operating impacts associated with this project.

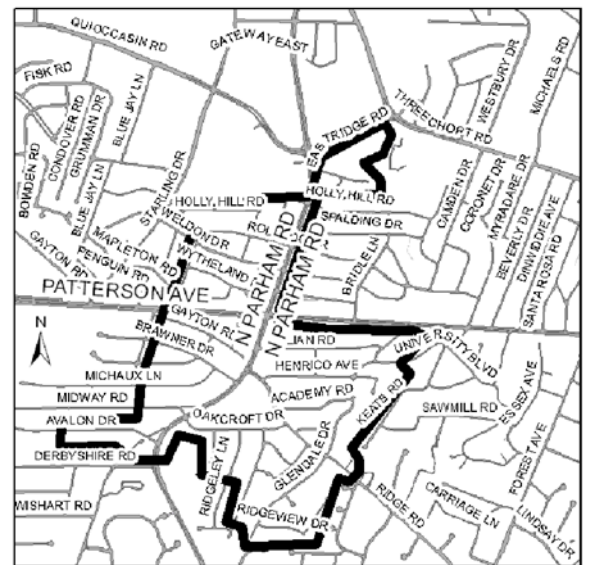
Project Milestones:

- The 2007 Water and Sewer Facility Plan identified the need to increase water pressure to the DPU service level of 45 psi at the meter.

Project Milestones (cont):

- Phase I will take place in FY2025
- Phase II will begin in FY2029

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-26
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$600,000	\$-	\$-	\$600,000
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	2,200,000	-	2,300,000	4,500,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$2,800,000	\$-	\$2,300,000	\$5,100,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Portugee Road Water Pumping Station – 08555

Department Public Utilities	Funding Source Enterprise Fund	Project Location Portugee Rd near La France Rd
Magisterial District Varina	Project Classification Water	Project Type Non-recurring

Project Description:

Design and construct a 16 mgd water pumping station to increase the water system supply from 16.7 mgd to 25.5 mgd in the Eubank Pressure Zone in eastern Henrico.

Service Impact:

Additional capacity is needed to meet projected demands in eastern Henrico for projected growth especially in the White Oak Technology Park.

Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- This project was recommended in a 2016 East End Water Supply Evaluation as an amendment to the 2007 Water and Sewer Facility Plan
- Design for this project is scheduled for FY2026

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-26
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$1,000,000	\$-	\$1,000,000
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	4,500,000	4,500,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$-	\$1,000,000	\$4,500,000	\$5,500,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Old Williamsburg Water Pumping Station – 08556

Department Public Utilities	Funding Source Enterprise Fund	Project Location Old Williamsburg Dr and Memorial Dr
Magisterial District Varina	Project Classification Water	Project Type Non-recurring

Project Description:

Design and construct a 10 mgd water pumping station to increase the water system supply from 16.7 mgd to 25.5 mgd in the Eubank Pressure Zone in Eastern Henrico.

Service Impact:

Additional capacity is needed to meet projected demands in eastern Henrico for projected growth especially in the White Oak Technology Park.

Operating Impacts:

There are no fiscal operating impacts associated with this project.

Project Milestones:

- Recommended in a 2016 East End Water Supply Evaluation as an amendment to the 2007 Water and Sewer Facility Plan.
- Design is scheduled for FY2026.

Project Location:



Project Cost Breakdown/Operating Budget Impacts

	Prior Years	FY2022	FY2023	FY2024	FY2025	FY2026	Beyond 2026	Total FY2022-26
Project Breakdown								
Planning & Design	\$-	\$-	\$-	\$-	\$-	\$750,000	\$-	\$750,000
Land	-	-	-	-	-	-	-	-
Offsite Improvements/Utilities	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	3,000,000	3,000,000
Other	-	-	-	-	-	-	-	-
FFE	-	-	-	-	-	-	-	-
Total	\$-	\$-	\$-	\$-	\$-	\$750,000	\$3,000,000	\$3,750,000
Operating Budget Impacts								
Personnel (incremental)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Operating (incremental)	-	-	-	-	-	-	-	-
Total Operating Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

APPENDIX "A"
CASH PROFFER

§15.1-2303.2, subsection B of the Code of Virginia requires that any locality eligible to accept any cash proffer payments, include in its capital improvement program, the amount of all proffered cash payments received during the most recent fiscal year for which a report has been filed to the Commission on Local Government.

The FY2019-20 Survey of Cash Proffers is included in this document as Appendix "A". This information was submitted to the Commission on Local Government in September of 2020.

Appendix "A"
Commission on Local Government
2020 Survey of Cash Proffers Accepted by Local Governments

Date: September 2020

Locality: Henrico County City Town

Name: Seth Humphreys Title: Planner IV

Phone: (804) 501-4427 Fax: (804) 501-4379

E-mail: hum02@co.henrico.va.us

YES	NO
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Did your locality accept cash proffers at any time during the 2019-2020 Fiscal Year?

If you answered "No" for the 2019-2020 Fiscal Year, additional information is not needed. Please return the survey to the Commission on Local Government as indicated on the next page.

If you answered "Yes" for the 2019-2020 Fiscal Year, provide the following information concerning the cash proffers accepted by your locality: (See definitions on next page.)

1. Total Amount of Cash Proffer Revenue Collected by the Locality during the 2019-2020 Fiscal Year:
2. Estimated Amount of Cash Proffers Pledged during the 2019-2020 Fiscal Year and Whose Payment Was Conditioned Only on Time:
3. Total Amount of Cash Proffer Revenue Expended by the Locality during the 2019-2020 Fiscal Year:

FY2019-2020
\$ 0
\$ 0
\$ 0

4. Indicate the Purpose(s) and Amount(s) for Which the Expenditures in Number 3 Above Were Made:

Schools	\$
Roads and Other Transportation Improvements	\$
Fire and Rescue/Public Safety	\$
Libraries	\$
Parks, Recreation, and Open Space	\$
Water and Sewer Service Extension	\$
Community Centers	\$
Stormwater Management	\$
Special Needs Housing	\$
Affordable Housing	\$
Miscellaneous	\$

Total Dollar Amount Expended (Should Equal Amount in Number 3 Above) \$ 0

Appendix B
Capital Improvement Program
Fiscal Years 2021-22 through 2025-26
Projects by Department and Project Number Order

Project No.	Project Name	Dept. Priority No.	Page No.
Capital Projects Fund			
Education			
00518/00527	Mechanical and Roof Replacements	1	12
06672	Jackson Davis ES Replacement	12	23
06673	Longan ES Replacement	13	27
06741	Virginia Randolph Acad Partial Replace-Renovation	16	24
06743	Highland Springs ES Renovation	17	28
06744	Holladay ES Renovation	14	25
06746	Carver ES Renovation	21	32
06899	Education Meals Tax Project Reserve	10	21
08772	Dumbarton ES Renovation	24	35
08773	Quioccasin MS Replacement	20	31
08774	Three Chopt ES Renovation	22	33
08775	Hermitage ACE Renovation and Expansion	7	18
08775	Hermitage HS Renovation	23	34
08776	Highland Springs HS ACE Center Renovation	6	17
08777	Capital Facility Pre-Planning Study	4	15
08911	Northwest Middle School - 8 Classroom Addition	18	29
08912	Fairfield Area ES	15	26
70012	Adams ES Renovation	5	16
New	Safety & Facilities Improvement	2	13
New	Technology Improvements	3	14
New	HCPS Central Office Annex - HVAC Replacement	8	19
New	HCPS Central Office Annex - Fire System Upgrade	9	20
New	West Area ES 6 Classroom Addition	19	30
New	Schools Land Reserve	11	22
Fire			
06177	Firehouse #6 Relocation and Construction	2	39
06366	Firehouse #1 Relocation and Construction	4	41
06519	Firehouse #4 Relocation and Construction	6	43
06529	Firehouse #11 Replacement and Construction	5	42
13002	Staples Mill Firehouse Stormwater Basin	3	40
13003	Firehouse 23 - Eastgate/Newbridge	1	38

Appendix B
Capital Improvement Program
Fiscal Years 2021-22 through 2025-26
Projects by Department and Project Number Order

Project No.	Project Name	Dept. Priority No.	Page No.
Capital Projects Fund (continued)			
General Services			
00423	Pavement Rehabilitation	4	49
00425	Roof Replacement and Rehabilitation	2	47
00572	Mechanical Improvements	1	46
01198	Energy Management	6	51
01199	County Generator Program	8	53
06103	CAM East & Road Crew Building	11	56
06477	Small Project Improvements and Renovations	5	50
08563	Library HQ Streambank Restoration	7	52
08767	County Buildings Restroom Refresh	9	54
08768	Juvenile Courts Parking Lot Expansion	3	48
08881	Circuit Court Clerks Area Renew Repurpose	10	55
Information Technology			
00429	Geographic Information System	2	59
06481	Information Technology Projects	1	58
New	E-911 Center Phone System Replacement	3	60
Mental Health			
06662	Woodman Road Expansion Construction	2	63
08605	Transitional Recovery Center	1	62
Police			
08567	Police South Station	1	66
08569	Police West Station	3	68
08873	Canine Facility	4	69
08874	Outdoor Training Facility Upgrades	2	67
Public Library			
07033	Twin Hickory Library Renew/Repurpose	2	73
07034	Tuckahoe Library Teen Relocation/Repurpose	1	72
Public Works - Drainage			
00363	Minor Drainage Improvements	1	76
08932	Countywide Creeks and Streams	2	77
Asst	Designated Drainage Projects	4	79
New	Countywide Acquisitions	3	78

Appendix B
Capital Improvement Program
Fiscal Years 2021-22 through 2025-26
Projects by Department and Project Number Order

Project No.	Project Name	Dept. Priority No.	Page No.
Capital Projects Fund (continued)			
Public Works - Roadway			
00499	General Road Construction	4	84
06837	Countywide Pedestrian Improvements	2	82
08163	Countywide Engineering Feasibility Study	3	83
08875	Countywide Landscaping Improvements	5	85
28001	Richmond - Henrico Turnpike	1	81
Asst	Highway Interchanges Projects	6	87
Asst	Roadway Projects	7	87
Asst	Bike/Pedestrian Projects	8	87
Asst	Multimodal Projects	9	87
New	CVTA Reserve	10	86
Public Works - Stormwater			
07046	Chesapeake Bay TMDL/MS4 Compliance	1	88
Recreation			
06194	Facility Rehabilitation	4	93
23005	Taylor Park	1	90
23006	Cheswick Park	2	91
23007	Tuckahoe Creek Park	3	92
23008	Three Lakes Nature Center Park	5	94
23009	Tuckahoe Park	6	95
Sheriff			
08565	Jail West Female Housing Expansion	4	101
08566	Jail West Kitchen Renovation	3	100
08748	Jail West Booking Security Barriers	2	99
08749	Jail East & West IP Camera Upgrades	1	98
Woodman Rd Complex			
06213	Recreation & Parks Western Maintenance Facility	1	104
08599	Woodman Police and Fire Installation Shop (CAM)	2	105

Appendix B
Capital Improvement Program
Fiscal Years 2021-22 through 2025-26
Projects by Department and Project Number Order

Project No.	Project Name	Dept. Priority No.	Page No.
Enterprise Fund - Public Utilities			
Public Utilities - Sewer			
00725	Plan Review and Inspection	6	113
00732	Sewer Line Rehabilitation	3	110
00735	Water Reclamation Facility Expansion	14	121
00737	Sewer Reloc., Adjustments & Crossings	5	112
00743	Sewer Pump Station Improvements	4	111
00772	Sewer Line Extensions	2	109
00782	New Sewer Connections	1	108
01076	Strawberry Hill Basin Sewer Rehab	8	115
06152	Gambles Mill SPS FEB Modification	13	120
06154	North Run Trunk Sewer	15	122
06158	Hungary Creek Trunk Sewer	16	123
06159	Almond Creek Force Main	9	116
06450	White Oak SPS FM	11	118
06666	Horsepen Br Sew - Broad Street to Rte 33	10	117
06667	Tuckahoe Creek Trunk Sewer Rehab	12	119
06838	Allens and Rooty Branch Force Main Upgrade	17	124
08172	Water Reclamation Facility Improvements	7	114
New	Westwood Improvements	18	125
Public Utilities - Water			
00020	Richmond Henrico Water Main	10	135
00767	Water Reloc., Adjustments & Crossings	6	131
00768	Water Line Rehabilitation	3	128
00769	Water Pumping Station Improvements	4	129
00770	Water Line Extensions	2	127
00771	New Water Connections	1	126
00780	Water Meters	5	130
00811	Information Technology Projects	8	133
06118	Sadler Road 12" Water Line	9	134
06119	Laburnum Ave Water Booster Station	12	137
06615	Ridge Water Pressure Zone	13	138
08171	Water Treatment Facility Improvements	7	132
08555	Portugee Road Water Pumping Station	14	139
08556	Old Williamsburg Water Pumping Station	15	140
New	Three Chopt Road Water Main Improvements	11	136