

FY2022-2026 Capital Improvement Program Funding Sources: All Funds Summary

All Funds	Proposed	Planned				TOTAL
		FY2022	FY2023	FY2024	FY2025	
Sources of Funds						
Bonds	97,359,614	99,757,520	307,100,540	72,763,684	46,070,730	623,052,088
Short-Term Debt	7,029,835	5,600,000	6,606,928	6,000,000	5,000,000	30,236,763
Pay-as-you-go Sources	53,247,062	85,605,480	29,998,460	38,261,490	42,725,270	249,837,762
Other	28,007,650	17,316,000	8,770,000	6,026,000	3,500,000	63,619,650
Total: All Funds	185,644,161	208,279,000	352,475,928	123,051,174	97,296,000	966,746,263

FY2022-2026 Capital Improvement Program Funding Sources: All Funds Summary

General Fund	Proposed	Planned				TOTAL
		FY2022	FY2023	FY2024	FY2025	
Sources of Funds						
General Obligation Bonds	26,986,774	27,185,000	241,789,000	36,475,174	25,000,000	357,435,948
Short-Term Debt	7,029,835	5,600,000	6,606,928	6,000,000	5,000,000	30,236,763
Other Sources	7,056,622	1,000,000	900,000	900,000	900,000	10,756,622
Other Sources (Prior Appropriations)	2,200,000	—	—	—	—	2,200,000
Federal & State Transportation Funds	19,932,650	11,760,000	8,770,000	6,026,000	3,500,000	49,988,650
Total - General Fund Capital Funding	63,205,881	45,545,000	258,065,928	49,401,174	34,400,000	450,617,983
Non-General Fund	Proposed	Planned				
Sources of Funds						
Utility Revenue Bonds	68,172,840	72,572,520	65,311,540	36,288,510	21,070,730	263,416,140
DEQ/Virginia Resource Authority Funds	8,075,000	5,556,000	—	—	—	13,631,000
Pay-as-you-go Cash Funding	46,190,440	84,605,480	29,098,460	37,361,490	41,825,270	239,081,140
Total - Non-General Fund Capital Funding	122,438,280	162,734,000	94,410,000	73,650,000	62,896,000	516,128,280
Grand Total: All Capital Funding	185,644,161	208,279,000	352,475,928	123,051,174	97,296,000	966,746,263

CAPITAL IMPROVEMENT PROGRAM

Capital Improvement Program: Overview and Funding Sources

FY2022-2026 Capital Improvement Program Funding Sources Detail						
General Fund	Proposed	Planned				
Sources of Funds	FY2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Bonds & Short-Term Debt						
General Obligation Bonds	26,986,774	27,185,000	226,789,000	36,475,174	25,000,000	342,435,948
General Obligation Bonds (Parking Enterprise)	—	—	15,000,000	—	—	15,000,000
Short-Term Debt	7,029,835	5,600,000	6,606,928	6,000,000	5,000,000	30,236,763
Subtotal: Bonds	34,016,609	32,785,000	248,395,928	42,475,174	30,000,000	387,672,711
Other Sources						
Pay As You Go	6,650,226	900,000	900,000	900,000	900,000	10,250,226
Pay As You Go (Percent for Art Assigned Fund Balance)	306,396	—	—	—	—	306,396
Bon Secours Contribution	100,000	100,000	—	—	—	200,000
Subtotal: Other Pay-as-you-go Sources	7,056,622	1,000,000	900,000	900,000	900,000	10,756,622
Federal & State Transportation Funds						
Transportation Alternative Funds	2,468,000	—	—	—	—	2,468,000
Congestion Mitigation and Air Quality Improvement Program (CMAQ)	1,027,650	—	—	—	—	1,027,650
Highway Safety Improvement Program (HSIP)	4,729,000	1,648,000	6,399,000	—	—	12,776,000
State of Good Repair	840,000	738,000	1,644,000	744,000	—	3,966,000
State Smart Scale	10,868,000	9,374,000	—	4,069,000	—	24,311,000
Revenue Sharing	—	—	—	—	—	—
MPO RSTP	—	—	727,000	1,213,000	3,500,000	5,440,000
Subtotal: Federal & State Transportation Funds	19,932,650	11,760,000	8,770,000	6,026,000	3,500,000	49,988,650
Other Funding Sources - Prior Appropriations						
East End Vacant/Blighted Property	200,000	—	—	—	—	200,000
New Fire HQ	1,000,000	—	—	—	—	1,000,000
Police Equestrian Center	750,000	—	—	—	—	750,000
Whitcomb Court Study	250,000	—	—	—	—	250,000
Sutotal: Other Funding Sources	2,200,000	—	—	—	—	2,200,000
Total: General Fund Capital Funding	63,205,881	45,545,000	258,065,928	49,401,174	34,400,000	450,617,983
Non-General Fund						
Non-General Fund Supported Sources	Proposed	Planned				
	FY2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Utility Revenue Bonds	68,172,840	72,572,520	65,311,540	36,288,510	21,070,730	263,416,140
DEQ/Virginia Resource Authority funds	8,075,000	5,556,000	—	—	—	13,631,000
Pay-as-you-go Funds (Cash)	46,190,440	84,605,480	29,098,460	37,361,490	41,825,270	239,081,140

CAPITAL IMPROVEMENT PROGRAM

Capital Improvement Program: Overview and Funding Sources

FY2022-2026 Capital Improvement Program Funding Sources Detail

Total: Non-General Fund Capital Funding	122,438,280	162,734,000	94,410,000	73,650,000	62,896,000	516,128,280
Grand Total: All Capital Funding	185,644,161	208,279,000	352,475,928	123,051,174	97,296,000	966,746,263

Capital Improvement Program: FY2022 Uses of Funds

Project Title	Page	FY2022 Proposed
General Fund		
City Facility Maintenance & Improvements		
City Hall	18	2,186,750
City Hall Rooms 101 & 103	19	750,000
City Hall Security Enhancements	20	500,000
Major Building Maintenance	22	1,175,750
Subtotal: City Facility Maintenance & Improvements		4,612,500
Culture & Recreation		
Major Parks Maintenance	25	1,000,000
Neighborhood Park Maintenance	26	650,000
Parks and Recreation Building Maintenance	27	900,000
Southside Regional Park & Community Center	28	1,500,000
Subtotal: Culture & Recreation		4,050,000
Economic & Community Development		
Percent for Art	31	556,396
Tredegar/Brown's Island Accessible Walk Improvements	32	380,000
Subtotal: Economic & Community Development		936,396
Education		
School Capital Maintenance	34	2,100,000
Subtotal: Education		2,100,000
Public Safety		
Fire Station Building Maintenance	38	1,012,500
John Marshall Courts Building	39	1,315,000
Juvenile Detention Center	40	400,000
Manchester Courthouse	41	1,110,000
Oliver Hill Courts Building	42	300,000
Police Headquarters Building	44	450,000
Replacement of Fire Station 12	45	6,350,000
Subtotal: Public Safety		10,937,500
Transportation		
1 st & 2 nd Street Buffered Bike Lanes	47	300,000
Central Transit Signal Priority and Emergency Vehicle Preemption	51	1,701,000
Complete Streets	53	8,150,000
East Broad Street over Ravine Bridge Replacement (Federal)	55	840,000
Greene Elementary School Sidewalks (Phase II)	57	675,000
Hull Street at Belt Boulevard Pedestrian Safety Improvements (HSIP)	60	460,000

Capital Improvement Program: FY2022 Uses of Funds		
Hull Street Improvements Phase I: Hey Road to Warwick Road (Federal)	61	5,125,000
Hull Street Streetscape - Mayo Bridge to 9 th Street (Federal)	64	1,387,000
Kanawha Plaza Pedestrian Safety Project (Federal)	66	810,000
Major Bridge Improvements Program (Federal)	69	4,000,000
Matching Funds for Federal/State Grants (VDOT)	70	70,000
Maymont Neighborhood Sidewalks Phase II	71	430,000
New Traffic Control Signals (Federal)	72	394,000
Pedestrian Safety Crossing Improvement Program at Signalized Intersections on Federal & State Routes	74	1,330,000
Richmond Signal System Phase III (Federal)	76	1,027,650
Safety Improvement Program Contingency Account	77	50,000
Shockoe Valley Street Improvements/I-95 Broad Street Area Improvements (Federal)	78	3,546,000
State Route 161 Bicycle Infrastructure	79	1,050,000
Street Lighting - General	80	300,000
Street Lighting - LED Conversion	81	800,000
Systemic Sight Distance Improvements at Signalized Intersections (HSIP)	82	844,000
Virginia Capital Trail Connector to Brown's Island	83	250,000
Subtotal: Transportation		33,539,650
City Equipment & Other Infrastructure Investment		
Vehicle Replacement	85	7,029,835
Subtotal: City Equipment & Other Infrastructure Investment		7,029,835
Total: General Fund		63,205,881
Non-General Fund		
Gas Utility New Business	87	500,000
Gas Utility System Replacement	88	17,355,000
Subtotal: Gas Utility		17,855,000
Stormwater Utility		
Stormwater Facilities Improvements	89	8,737,280
Subtotal: Stormwater Utility		8,737,280
Wastewater Utility		
Combined Sewer Overflow	90	1,344,000
Sanitary Sewers	91	45,899,000
Wastewater Treatment	92	17,099,000
Subtotal: Wastewater Utility		64,342,000
Water Utility		
Major Plant & Pumping Improvements	93	9,458,000
Water Distribution System Improvements	95	22,046,000
Subtotal: Water Utility		31,504,000
Total: Non-General Fund		122,438,280
Grand Total: Capital Improvement		185,644,161

CAPITAL IMPROVEMENT PROGRAM

Capital Improvement Program: Overview and Funding Sources

FY2022-2026 Proposed Capital Improvement Program

Project Title	Pg.	Originally Planned	Proposed	Planned				TOTAL
		FY2022	FY2022	FY2023	FY2024	FY2025	FY2026	
General Fund Capital								
City Facility Maintenance & Improvements								
730 Building	17	—	—	—	250,000	250,000	250,000	750,000
City Hall	18	1,000,000	2,186,750	500,000	—	500,000	500,000	3,686,750
City Hall Rooms 101 & 103	19	—	750,000	—	—	—	—	750,000
City Hall Security Enhancements	20	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Citywide Planning & Design	21	—	—	—	900,000	900,000	900,000	2,700,000
Major Building Maintenance	22	1,000,000	1,175,750	975,000	1,227,000	1,000,000	1,000,000	5,377,750
Subtotal: City Facility Maintenance & Improvements		2,500,000	4,612,500	1,975,000	2,877,000	3,150,000	3,150,000	15,764,500
Culture & Recreation								
Community Center Enhancements - Hickory Hill	NA	1,000,000	—	—	—	—	—	—
James River Park Infrastructure	24	—	—	100,000	100,000	—	—	200,000
Major Parks Maintenance	25	1,000,000	1,000,000	600,000	1,000,000	750,000	750,000	4,100,000
Neighborhood Park Maintenance	26	650,000	650,000	500,000	650,000	650,000	650,000	3,100,000
Parks and Recreation Building Maintenance	27	900,000	900,000	250,000	500,000	500,000	500,000	2,650,000
Southside Regional Park and Community Center	28	500,000	1,500,000	2,000,000	3,500,000	4,000,000	4,000,000	15,000,000
Swimming Pool Projects	NA	250,000	—	—	—	—	—	—
Subtotal: Culture & Recreation		4,300,000	4,050,000	3,450,000	5,750,000	5,900,000	5,900,000	25,050,000
Economic & Community Development								
Enslaved African Heritage Campus	30	—	—	2,800,000	15,000,000	5,999,174	4,100,000	27,899,174
Neighborhoods in Bloom	NA	100,000	—	—	—	—	—	—
Percent for Art	31	200,000	556,396	150,000	250,000	250,000	250,000	1,456,396
Tredgar/Brown's Island Accessible Walk Improvements	32	—	380,000	—	—	—	—	380,000

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Capital Improvement Program: Overview and Funding Sources

FY2022-2026 Proposed Capital Improvement Program

Project Title	Pg.	Originally Planned	Proposed	Planned				TOTAL
		FY2022	FY2022	FY2023	FY2024	FY2025	FY2026	
Subtotal: Economic & Community Development	NA	300,000	936,396	2,950,000	15,250,000	6,249,174	4,350,000	29,735,570
Education								
School Capital Maintenance	34	3,000,000	2,100,000	2,500,000	2,500,000	2,500,000	2,500,000	12,100,000
School Modernization - George Wythe High School	35	—	—	—	100,000,000	—	—	100,000,000
School Modernization - Technical Education Center	36	—	—	—	100,000,000	—	—	100,000,000
Subtotal: Education		3,000,000	2,100,000	2,500,000	202,500,000	2,500,000	2,500,000	212,100,000
Public Safety								
Fire Station Building Maintenance	38	—	1,012,500	—	—	—	—	1,012,500
John Marshall Courts Building	39	500,000	1,315,000	500,000	500,000	500,000	500,000	3,315,000
Juvenile Detention Center	40	400,000	400,000	400,000	400,000	400,000	400,000	2,000,000
Manchester Courthouse	41	300,000	1,110,000	390,000	400,000	400,000	400,000	2,700,000
Oliver Hill Courts Building	42	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Police Department Buildings	43	—	—	—	—	250,000	250,000	500,000
Police Headquarters Building	44	450,000	450,000	—	—	250,000	250,000	950,000
Replacement of Fire Station 12	45	1,691,305	6,350,000	—	—	—	—	6,350,000
Subtotal: Public Safety		3,641,305	10,937,500	1,590,000	1,600,000	2,100,000	2,100,000	18,327,500
Transportation								
1 st & 2 nd Street Buffered Bike Lanes	47	—	300,000	—	—	—	—	300,000
Belmont Road at Walmsley Boulevard Pedestrian Safety Improvements	48	—	—	200,000	300,000	—	—	500,000
Bike Lanes/Boulevard (Street Conversions)	49	—	—	753,000	747,000	—	—	1,500,000
Blanton Avenue, Garrett Street, and Park Drive Pedestrian & Vehicular Safety Improvements	50	—	—	100,000	—	—	—	100,000
Central Transit Signal Priority and Emergency Vehicle Preemption (Federal)	51	1,701,000	1,701,000	—	—	—	—	1,701,000

CAPITAL IMPROVEMENT PROGRAM

Capital Improvement
Program: Overview and
Funding Sources

FY2022-2026 Proposed Capital Improvement Program

Project Title	Pg.	Originally Planned	Proposed	Planned				TOTAL
		FY2022	FY2022	FY2023	FY2024	FY2025	FY2026	
Cherokee Roadside Safety Improvements	52	—	—	—	—	135,000	—	135,000
Citywide Traffic Calming	NA	200,000	—	—	—	—	—	—
Complete Streets	53	—	8,150,000	7,950,000	8,700,000	7,700,000	6,900,000	39,400,000
Cowardin Avenue and Semmes Avenue Pedestrian Safety Improvements	54	—	—	—	—	500,000	—	500,000
East Broad Street over Ravine Bridge Replacement (Federal)	55	—	840,000	738,000	1,644,000	744,000	—	3,966,000
Government Road Slope Repair	56	—	—	650,000	650,000	500,000	—	1,800,000
Greene Elementary School Sidewalks (Phase II)	57	—	675,000	—	—	—	—	675,000
Hey Road Improvements	58	—	—	700,000	800,000	1,000,000	—	2,500,000
Highland Grove/Dove Street Development	59	—	—	—	542,000	1,841,000	—	2,383,000
Hull Street at Belt Boulevard Pedestrian Safety Improvements (Federal)	60	460,000	460,000	—	—	—	—	460,000
Hull Street Phase I: Hey Road to Warwick Road (Federal)	61	5,125,000	5,125,000	1,000,000	—	—	—	6,125,000
Hull Street Phase II: Chippenham Parkway to Hey Road (Federal)	62	—	—	—	—	500,000	—	500,000
Hull Street Phase III: Warwick Road to Arizona Drive (Federal)	63	—	—	—	727,000	1,213,000	3,500,000	5,440,000
Hull Street Streetscape: Mayo Bridge to 9 th Street (Federal)	64	1,387,000	1,387,000	1,561,000	—	—	—	2,948,000
Jefferson Avenue Improvements	65	—	—	—	500,000	1,000,000	—	1,500,000
Kanawha Plaza Pedestrian Safety Project (Federal)	66	810,000	810,000	1,536,000	—	—	—	2,346,000
Leigh Street Streetscape (Federal)	67	—	—	—	3,304,000	3,304,000	—	6,608,000
Lombardy Bridge over CSX Bridge Replacement (Federal)	68	—	—	—	2,348,000	765,000	—	3,113,000
Major Bridge Improvement Program (Federal)	69	4,255,304	4,000,000	4,000,000	2,000,000	2,000,000	1,000,000	13,000,000

CAPITAL IMPROVEMENT PROGRAM

Capital Improvement Program: Overview and Funding Sources

FY2022-2026 Proposed Capital Improvement Program

Project Title	Pg.	Originally Planned	Proposed	Planned				TOTAL
		FY2022	FY2022	FY2023	FY2024	FY2025	FY2026	
Matching Funds for Federal/State Grants (VDOT)	70	70,000	70,000	70,000	70,000	70,000	—	280,000
Maymont Neighborhood Sidewalks (Phase II)	71	—	430,000	—	—	—	—	430,000
New Sidewalk Program - Citywide	NA	900,000	—	—	—	—	—	—
New Traffic Control Signals (Federal)	72	394,000	394,000	895,000	—	—	—	1,289,000
Nicholson Street Streetscape	73	—	—	—	—	880,000	—	880,000
Pedestrian Safety Crossing Improvement Program	NA	200,000	—	—	—	—	—	—
Pedestrian Safety Improvements at Signalized Intersections on Federal and State Routes (Phase II) (Federal)	74	1,330,000	1,330,000	—	—	—	—	1,330,000
Richmond Fiber Optic Network System	75	—	—	—	—	200,000	—	200,000
Richmond Signal System Phase III (Federal)	76	1,027,650	1,027,650	—	—	—	—	1,027,650
Safety Improvement Program Contingency Account	77	50,000	50,000	50,000	50,000	50,000	—	200,000
Shockoe Valley Streets Improvements/I-95 Broad Street Area Improvements Project (Federal)	78	3,546,000	3,546,000	5,277,000	—	—	—	8,823,000
Sidewalk Projects	NA	2,500,000	—	—	—	—	—	—
State Route 161 Bicycle Infrastructure	79	—	1,050,000	—	—	—	—	1,050,000
Street Lighting – General	80	300,000	300,000	300,000	300,000	300,000	—	1,200,000
Street Lighting - LED Conversion	81	800,000	800,000	800,000	800,000	800,000	—	3,200,000
Streets, Sidewalks, and Alley Improvements	NA	500,000	—	—	—	—	—	—
Systemic Sight Distance Improvements at Signalized Intersections (Federal)	82	844,000	844,000	—	—	—	—	844,000
Traffic Control Installation	NA	500,000	—	—	—	—	—	—
Transportation Projects	NA	20,000,000	—	—	—	—	—	—

CAPITAL IMPROVEMENT PROGRAM

Capital Improvement
Program: Overview and
Funding Sources

FY2022-2026 Proposed Capital Improvement Program

Project Title	Pg.	Originally Planned	Proposed	Planned				TOTAL
		FY2022	FY2022	FY2023	FY2024	FY2025	FY2026	
Virginia Capital Trail Connector to Brown's Island - Phase III	83	—	250,000	—	—	—	—	250,000
Subtotal: Transportation		46,899,954	33,539,650	26,580,000	23,482,000	23,502,000	11,400,000	118,503,650
City Equipment & Other Investments								
Vehicle Replacement	85	5,000,000	7,029,835	6,500,000	6,606,928	6,000,000	5,000,000	31,136,763
Total City Equipment & Other Investments		5,000,000	7,029,835	6,500,000	6,606,928	6,000,000	5,000,000	31,136,763
Total General Fund Capital		65,641,259	63,205,881	45,545,000	258,065,928	49,401,174	34,400,000	450,617,983

Gas Utility								
Gas Utility New Business	87	9,466,000	500,000	500,000	500,000	500,000	500,000	2,500,000
System Replacement	88	17,355,000	17,355,000	18,496,000	19,373,000	20,306,000	21,301,000	96,831,000
Subtotal: Gas Utility		26,821,000	17,855,000	18,996,000	19,873,000	20,806,000	21,801,000	99,331,000
Stormwater Utility								
Stormwater Facilities Improvements	89	12,046,000	8,737,280	9,050,000	3,905,000	3,905,000	3,905,000	29,502,280
Subtotal: Stormwater		12,046,000	8,737,280	9,050,000	3,905,000	3,905,000	3,905,000	29,502,280
Wastewater Utility								
Combined Sewer Overflow	90	—	1,344,000	55,961,000	5,050,000	500,000	2,000,000	64,855,000
Sanitary Sewer Upgrade	91	50,899,000	45,899,000	43,888,000	42,963,000	25,862,000	12,454,000	171,066,000
Wastewater Treatment	92	11,051,000	17,099,000	2,000,000	2,000,000	2,000,000	2,000,000	25,099,000
Subtotal: Wastewater		61,950,000	64,342,000	101,849,000	50,013,000	28,362,000	16,454,000	261,020,000
Water Utility								
Plant & Pumping Improvements	93	11,964,000	9,458,000	12,655,000	2,000,000	2,000,000	2,000,000	28,113,000
Transmission Main Improvements	94	3,125,000	—	—	—	—	—	—
Water Distribution System Improvements	95	19,064,000	22,046,000	20,184,000	18,619,000	18,577,000	18,736,000	98,162,000
Subtotal: Water Utility		34,153,000	31,504,000	32,839,000	20,619,000	20,577,000	20,736,000	126,275,000
Total Non-General Fund Capital		134,970,000	122,438,280	162,734,000	94,410,000	73,650,000	62,896,000	516,128,280

FY2022-2026 Proposed Capital Improvement Program

Project Title	Pg.	Originally Planned	Proposed	Planned				TOTAL
		FY2022	FY2022	FY2023	FY2024	FY2025	FY2026	
Total Capital Improvement Program		200,611,259	185,644,161	208,279,000	352,475,928	123,051,174	97,296,000	966,746,263