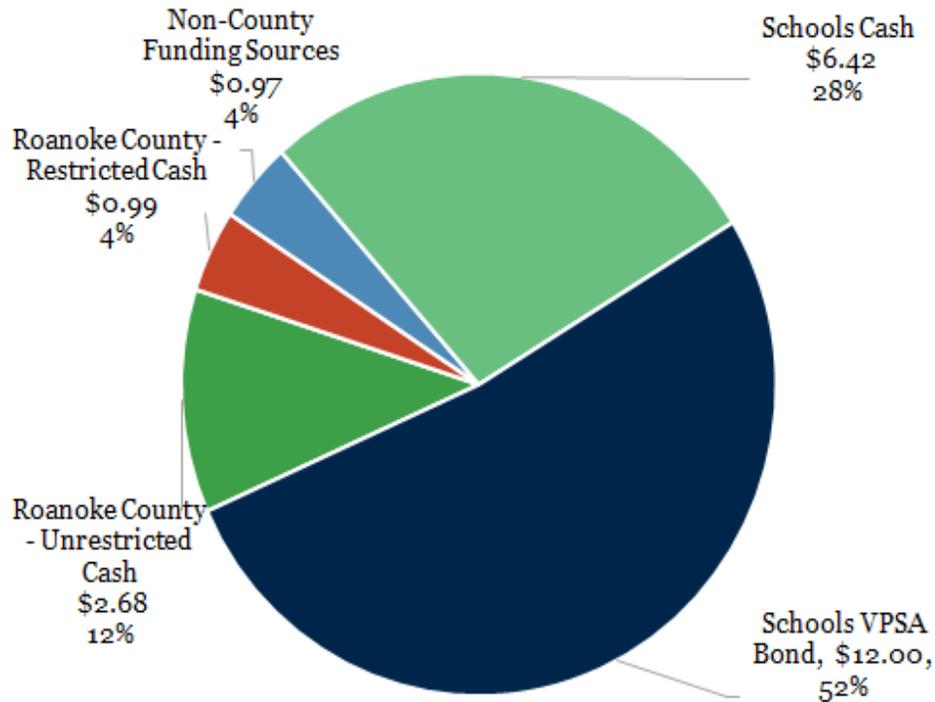




FY 2021 – FY 2030 Adopted Capital Improvement Program Summary of County & Schools Funding Sources

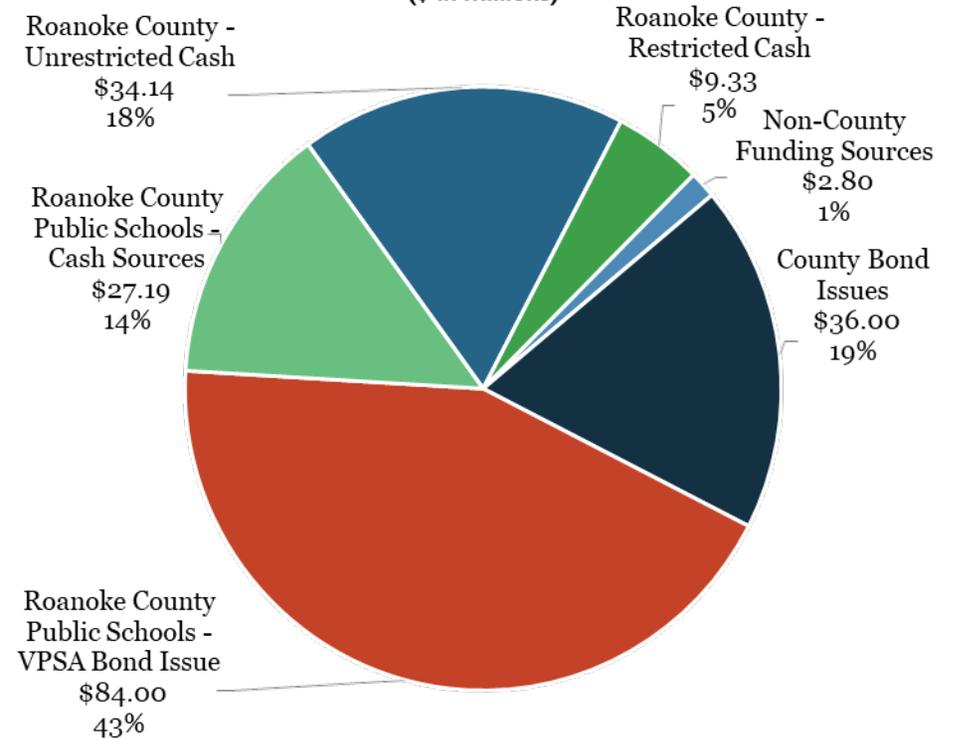
FY 2021
\$23,053,630

(\$ in millions)



FY 2021 - 2030
\$193,457,515

(\$ in millions)





County of Roanoke, Virginia FY 2021 – FY 2030 Adopted Capital Improvement Program Summary of County & Schools Funding

Roanoke County - Unrestricted Cash	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total
General Government Transfer	\$0	\$1,995,495	\$3,181,319	\$2,754,846	\$2,801,533	\$2,826,379	\$2,827,218	\$2,827,218	\$2,827,218	\$2,827,218	\$24,868,444
Capital Reserves	1,493,605	815,280	548,594	628,766	117,438	222,388	145,060	194,215	443,956	383,069	4,992,371
VPSPA Refunding Bonds	180,000	169,955	157,581	157,625	124,750	124,125	125,931	122,831	82,944	82,631	1,328,373
Debt Fund - County	276,487	276,784	277,825	279,609	280,812	276,487	279,309	279,354	0	0	2,226,667
Reallocate Cancelled/Completed Projects	728,532	0	0	0	0	0	0	0	0	0	728,532
Subtotal, Unrestricted Cash	\$2,678,624	\$3,257,514	\$4,165,319	\$3,820,846	\$3,324,533	\$3,449,379	\$3,377,518	\$3,423,618	\$3,354,118	\$3,292,918	\$34,144,387

Roanoke County - Restricted Cash	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total
CommIT Fund Transfer	\$0	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$7,947,000
Prior VDOT Revenue Sharing Funds (County)	200,000	0	0	0	0	0	0	0	0	0	200,000
Contribution from EDA	545,705	0	0	0	0	0	0	0	0	0	545,705
Economic Development Funds	141,445	141,445	0	0	0	0	0	0	0	0	282,890
Department of Fire Programs Funding	100,000	50,000	0	0	0	0	0	0	0	0	150,000
Fee Class Fund Transfer	0	80,000	50,000	50,000	25,000	0	0	0	0	0	205,000
Subtotal, Restricted Cash	\$987,150	\$1,154,445	\$933,000	\$933,000	\$908,000	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$9,330,595

Non-County Funding Sources	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total
PSAP Grant Funding	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
FEMA Reimbursement	250,000	0	0	0	0	0	0	0	0	0	250,000
Stormwater Local Assistance Fund	0	0	400,000	0	0	400,000	0	0	400,000	0	1,200,000
Transfer from Schools	719,700	0	444,180	0	0	0	0	0	0	0	1,163,880
Contribution from City of Salem	0	0	32,000	0	0	0	0	0	0	0	32,000
Subtotal, Non-County Funding Sources	\$969,700	\$0	\$1,026,180	\$0	\$0	\$400,000	\$0	\$0	\$400,000	\$0	\$2,795,880

Roanoke County - Bonds	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total
Lease / Revenue Bonds	\$0	\$0	\$12,000,000	\$0	\$0	\$12,000,000	\$0	\$0	\$12,000,000	\$0	\$36,000,000
Subtotal, Lease / Revenue Bonds	\$0	\$0	\$12,000,000	\$0	\$0	\$12,000,000	\$0	\$0	\$12,000,000	\$0	\$36,000,000

Total, All County Funding Sources	\$ 4,635,474	\$ 4,411,959	\$ 18,124,499	\$ 4,753,846	\$ 4,232,533	\$ 16,732,379	\$ 4,260,518	\$ 4,306,618	\$ 16,637,118	\$ 4,175,918	\$ 82,270,862
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Capital Improvement Program FY 2021 – FY 2030



Summary of Funding Sources

Summary of County & Schools Funding Sources (Continued)

Roanoke County Public Schools (RCPS) - All Funding Sources	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total
Schools											
Transfer from Schools General Fund	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	9,000,000
Major Capital Reserves	3,950,785	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	9,350,785
Debt Fund - Schools	2,286,888	670,692	605,164	640,703	676,244	700,833	725,424	752,750	644,694	0	7,703,392
VPSA Refunding Credits	180,483	167,477	165,193	116,750	116,250	117,931	114,831	74,943	74,631	3,987	1,132,476
VPSA Bond Issue	12,000,000	12,000,000	0	12,000,000	12,000,000	0	12,000,000	12,000,000	0	12,000,000	84,000,000
Total, RCPS Funding Sources	\$18,418,156	\$14,438,169	\$2,370,357	\$14,357,453	\$14,392,494	\$2,418,764	\$14,440,255	\$14,427,693	\$2,319,325	\$13,603,987	\$111,186,653
Total FY 21-30 County & Schools CIP	\$23,053,630	\$18,850,128	\$20,494,856	\$19,111,299	\$18,625,027	\$19,151,143	\$18,700,773	\$18,734,311	\$18,956,443	\$17,779,905	\$193,457,515



County of Roanoke, Virginia FY 2021 – FY 2030 Adopted Capital Improvement Program All County & Schools Funding Sources with Projects

Funding Source/Functional Area/Project	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 21-30 Total
Contribution from the City of Salem											
Public Safety											
Jail Abatement	0	0	32,000	0	0	0	0	0	0	0	32,000
Contribution from City of Salem Total	\$0	\$0	\$32,000	\$0	\$32,000						
Department of Fire Programs Funding											
Public Safety											
Diesel Exhaust Removal System	100,000	50,000	0	0	0	0	0	0	0	0	150,000
Department of Fire Programs Total	\$100,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Economic Development Funds											
Community Services											
Fallowater Lane	141,445	141,445	0	0	0	0	0	0	0	0	282,890
Economic Development Funds Total	\$141,445	\$141,445	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$282,890
FEMA Reimbursement											
Human Services											
PRT Capital Maintenance Program	250,000	0	0	0	0	0	0	0	0	0	250,000
FEMA Reimbursement Total	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Lease/Revenue Bonds											
Public Safety											
County Jail Abatement	0	0	147,000	0	0	0	0	0	0	0	147,000
Courthouse and Court Services	0	0	466,000	0	0	0	0	0	0	0	466,000
Courthouse HVAC Replacement	0	0	512,000	0	0	0	0	0	0	0	512,000
Diesel Exhaust Removal System	0	0	300,000	0	0	0	0	0	0	0	300,000
Fire Station Renovation/Replacement	0	0	0	0	0	0	0	0	10,500,000	0	10,500,000
Internal Services											
Public Service Center Facility Replacement	0	0	3,704,000	0	0	0	0	0	0	0	3,704,000
Administration Center Building Envelope Repairs	0	0	231,000	0	0	0	0	0	0	0	231,000
Administration Center Carpet Replacement	0	0	244,000	0	0	0	0	0	0	0	244,000

Capital Improvement Program FY 2021 – FY 2030



All Funding Sources with Projects

All Funding Sources (continued)

Funding Source/Functional Area/Project	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 21-30 Total
Lease/Revenue Bonds (continued)											
Internal Services (continued)											
Public Safety Center Updates	0	0	0	0	0	750,000	0	0	0	0	750,000
Administration Center Facility Updates	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000
Human Services											
Explore Park	0	0	1,400,000	0	0	0	0	0	0	0	1,400,000
Hollins Library Replacement	0	0	4,996,000	0	0	10,000,000	0	0	0	0	14,996,000
Sport Field Lighting Replacement	0	0	0	0	0	1,250,000	0	0	0	0	1,250,000
Lease/Revenue Bonds Total	\$0	\$0	\$12,000,000	\$0	\$0	\$12,000,000	\$0	\$0	\$12,000,000	\$0	\$36,000,000
Prior VDOT Revenue Sharing Funds (County)											
Community Services											
Plantation Road Phase II	200,000	0	0	0	0	0	0	0	0	0	200,000
Prior VDOT Revenue Sharing Funds (County) Total	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
PSAP Grant											
Public Safety											
Emergency 911 Phone System Upgrade	0	0	150,000	0	0	0	0	0	0	0	150,000
PSAP Grant Total	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Roanoke County - Unrestricted Cash											
Public Safety											
Sheriff's Office Capital Maintenance Program	70,000	110,000	110,000	125,000	125,000	125,000	125,000	175,000	165,000	155,000	1,285,000
Digital Microwave Ring Replacement	327,000	0	0	0	0	0	0	0	0	0	327,000
Public Safety Communications Infrastructure	150,000	0	0	0	0	0	0	0	0	0	150,000
Emergency 911 Phone System Upgrade	0	0	294,000	0	0	0	0	0	0	0	294,000
Emergency Medical Dispatch	0	0	150,000	0	0	0	0	0	0	0	150,000
Fire and Rescue Ballistic Body Armor	70,000	0	0	0	0	0	0	0	0	0	70,000
Fire Station Renovation/Replacement	0	0	0	0	0	0	0	100,000	0	0	100,000
Courthouse Parking Lot Renovation	0	106,839	0	0	0	0	0	0	0	0	106,839
Courthouse HVAC Replacement	0	25,000	0	0	0	0	0	0	0	0	25,000

Capital Improvement Program FY 2021 – FY 2030



All Funding Sources with Projects

All Funding Sources (continued)

Funding Source/Functional Area/Project	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 21-30 Total
Roanoke County - Unrestricted Cash (Continued)											
Community Services											
Fallowater Lane	250,000	250,000	0	0	0	0	0	0	0	0	500,000
Minor Transportation and Planning Studies	0	0	0	0	0	0	0	0	0	0	0
Plantation Road Phase II	0	0	0	0	0	0	0	0	0	0	0
VDOT Revenue Sharing Projects (Small Projects & TBD)	0	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,000,000
Storm Drainage Maintenance of Effort Program	150,000	215,000	225,000	225,000	225,000	250,000	250,000	300,000	350,000	400,000	2,590,000
NPDES - MS4 BMP Construction	0	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,800,000
Roanoke County Broadband Initiative	0	386,875	384,939	387,149	383,664	383,664	384,983	0	0	0	2,311,274
Woodhaven Property Acquisition and Imprv	0	162,800	387,200	387,697	387,869	387,715	387,235	386,430	387,499	388,181	3,262,626
Rural Broadband Initiative	100,000	0	0	0	0	0	0	0	0	0	100,000
Gateway Signs and Landscaping	0	50,000	50,000	50,000	0	0	0	0	0	0	150,000
Human Services											
Voting Machine Replacement	0	0	0	425,000	0	0	0	0	0	0	425,000
Countywide Library Public Use Computer Replacement	0	71,000	15,000	116,000	48,000	123,000	50,300	46,400	76,900	15,700	562,300
Hollins Library Replacement	0	80,000	0	0	0	0	0	0	0	0	80,000
Parks and Recreation Capital Maintenance Program	180,000	620,000	650,000	650,000	675,000	700,000	700,000	780,000	760,000	745,000	6,460,000
Green Ridge Capital Maintenance Program	0	100,000	125,000	125,000	150,000	150,000	150,000	205,788	204,719	194,037	1,404,544
Brambleton Center HVAC Repairs	0	0	0	0	0	0	0	0	0	0	0
East Roanoke River Greenway	125,000	0	0	0	0	0	0	0	0	0	125,000
Internal Services											
Dynamics D365 Upgrade	360,000	0	0	0	0	0	0	0	0	0	360,000
Human Resources and Payroll Modules	299,700	0	444,180	0	0	0	0	0	0	0	743,880
General Service Capital Maintenance Program	596,924	880,000	880,000	880,000	880,000	880,000	880,000	980,000	960,000	945,000	8,761,924
Roanoke County - Unrestricted Cash Total	\$2,678,624	\$3,257,514	\$4,165,319	\$3,820,846	\$3,324,533	\$3,449,379	\$3,377,518	\$3,423,618	\$3,354,118	\$3,292,918	\$34,144,387

Capital Improvement Program FY 2021 – FY 2030



All Funding Sources with Projects

All Funding Sources (continued)

Funding Source/Functional Area/Project	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 21-30 Total
Sale of Land - Economic Development											
Community Services											
Roanoke County Broadband Initiative	382,905	0	0	0	0	0	0	0	0	0	382,905
Woodhaven Property Acquisition and Imprv	162,800	0	0	0	0	0	0	0	0	0	162,800
Sale of Land - Economic Development Total	\$545,705	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$545,705
Stormwater Local Assistance Fund											
Community Services											
NPDES - MS4 BMP Construction	0	0	400,000	0	0	400,000	0	0	400,000	0	1,200,000
Stormwater Local Assistance Fund Total	\$0	\$0	\$400,000	\$0	\$0	\$400,000	\$0	\$0	\$400,000	\$0	\$1,200,000
Transfer from Roanoke County Schools											
Internal Services											
Dynamics D365 Upgrade	360,000	0	0	0	0	0	0	0	0	0	360,000
Human Resources and Payroll Modules	359,700	0	444,180	0	0	0	0	0	0	0	803,880
Transfer from Roanoke County Schools Total	\$719,700	\$0	\$444,180	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,163,880
Transfer from Fee Class											
Human Services											
Parks and Recreation Capital Maintenance Program	0	80,000	50,000	50,000	25,000	0	0	0	0	0	205,000
Transfer from Fee Class Total	\$0	\$80,000	\$50,000	\$50,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$205,000
Transfer from CommIT Fund											
Internal Services											
County-Wide Computer Replacement Program	0	233,000	233,000	233,000	233,000	233,000	233,000	233,000	233,000	233,000	2,097,000
IT Infrastructure Replacement Program	0	650,000	650,000	650,000	650,000	650,000	650,000	650,000	650,000	650,000	5,850,000
Transfer from CommIT Fund Total	\$0	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$883,000	\$7,947,000
Roanoke County - All Funding Sources	\$4,635,474	\$4,411,959	\$18,124,499	\$4,753,846	\$4,232,533	\$16,732,379	\$4,260,518	\$4,306,618	\$16,637,118	\$4,175,918	\$82,270,862

Capital Improvement Program FY 2021 – FY 2030



All Funding Sources with Projects

All Funding Sources (continued)

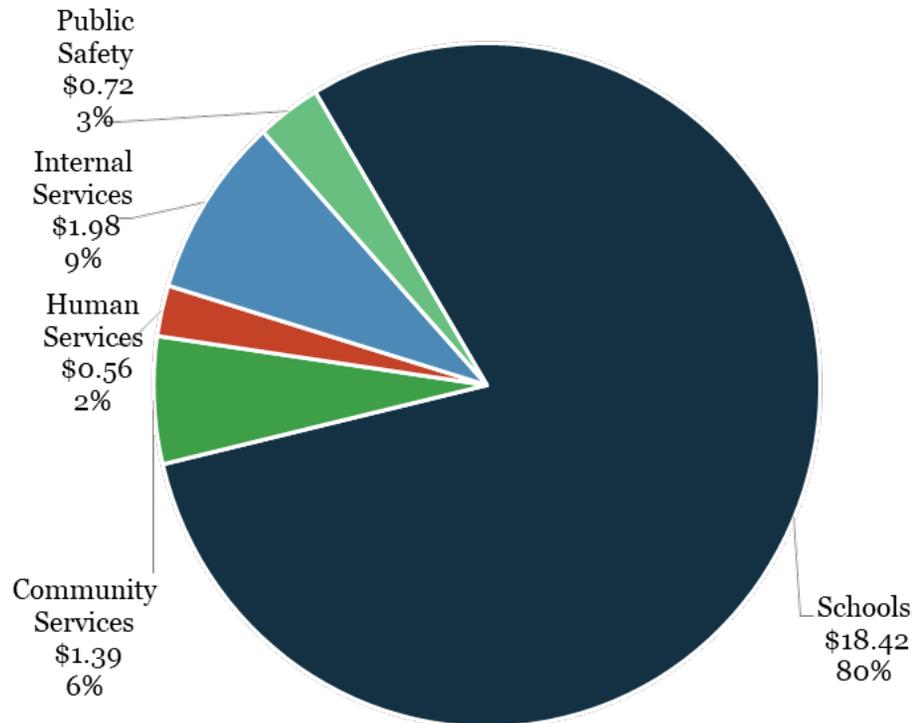
Funding Source/Functional Area/Project	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 21-30 Total
Roanoke County Schools - All Funding Sources											
Schools											
Transfer from Schools General Fund	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	9,000,000
Major Capital Reserves	3,950,785	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	9,350,785
Debt Fund - Schools	2,286,888	670,692	605,164	640,703	676,244	700,833	725,424	752,750	644,694	0	7,703,392
VPSA Refunding Credits	180,483	167,477	165,193	116,750	116,250	117,931	114,831	74,943	74,631	3,987	1,132,476
VPSA Bond Issue	12,000,000	12,000,000	0	12,000,000	12,000,000	0	12,000,000	12,000,000	0	12,000,000	84,000,000
Roanoke County Schools Funding Sources	\$18,418,156	\$14,438,169	\$2,370,357	\$14,357,453	\$14,392,494	\$2,418,764	\$14,440,255	\$14,427,693	\$2,319,325	\$13,603,987	\$111,186,653
Total FY 21-30 County & Schools CIP	\$23,053,630	\$18,850,128	\$20,494,856	\$19,111,299	\$18,625,027	\$19,151,143	\$18,700,773	\$18,734,311	\$18,956,443	\$17,779,905	\$193,457,515



FY 2021 – FY 2030 Adopted Capital Improvement Program Summary of County & Schools Projects by Functional Teams

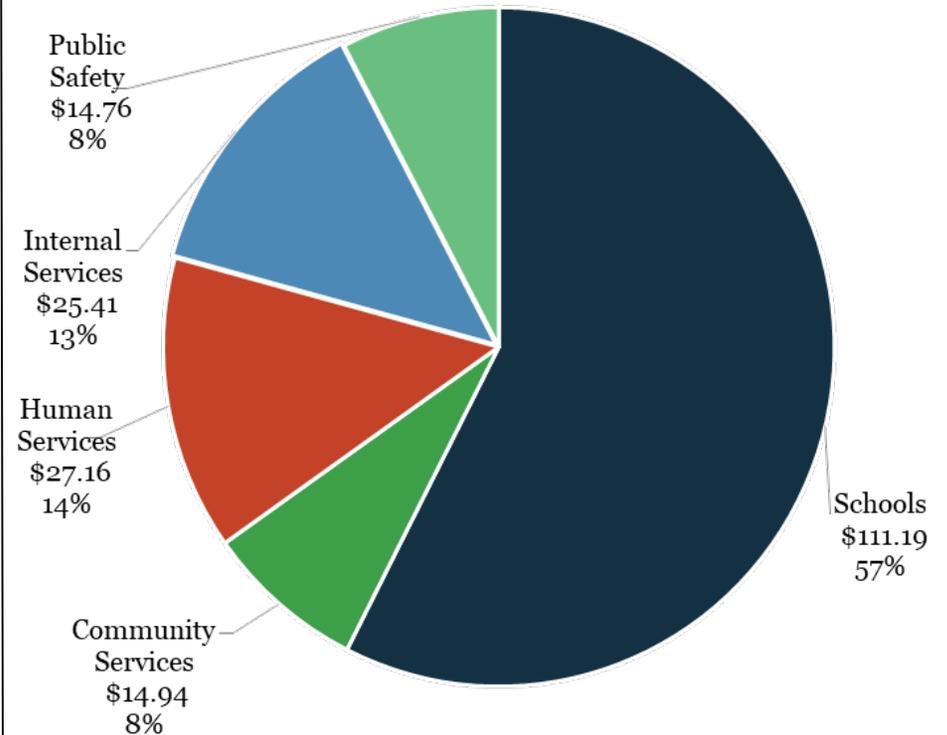
FY 2021
\$23,053,630

(\$ in millions)



FY 2021 - 2030
\$193,457,515

(\$ in millions)





County of Roanoke, Virginia FY 2021 – FY 2030 Adopted Capital Improvement Program Summary of County & Schools Projects by Functional Teams

Roanoke County & Roanoke County Public Schools Summary of Expenditures by Functional Area & Department											
Functional Team/Department	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total FY 21-30
Public Safety											
Fire & Rescue	\$170,000	\$50,000	\$300,000	\$0	\$0	\$0	\$0	\$100,000	\$10,500,000	\$0	\$11,120,000
Sheriff	70,000	110,000	289,000	125,000	125,000	125,000	125,000	175,000	165,000	155,000	1,464,000
Communications & IT	477,000	0	594,000	0	0	0	0	0	0	0	1,071,000
Courthouse and Court Services	0	131,839	978,000	0	0	0	0	0	0	0	1,109,839
Subtotal, Public Safety	717,000	291,839	2,161,000	125,000	125,000	125,000	125,000	275,000	10,665,000	155,000	14,764,839
Community Services											
Planning	591,445	391,445	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,982,890
Stormwater Management	150,000	415,000	825,000	425,000	425,000	850,000	450,000	500,000	950,000	600,000	5,590,000
Economic Development	645,705	599,675	822,139	824,846	771,533	771,379	772,218	386,430	387,499	388,181	6,369,605
Subtotal, Community Services	1,387,150	1,406,120	1,897,139	1,499,846	1,446,533	1,871,379	1,472,218	1,136,430	1,587,499	1,238,181	14,942,495
Human Services											
Parks and Recreation	555,000	800,000	2,225,000	825,000	850,000	2,100,000	850,000	985,788	964,719	939,037	11,094,544
Library	0	151,000	5,011,000	116,000	48,000	10,123,000	50,300	46,400	76,900	15,700	15,638,300
Elections	0	0	0	425,000	0	0	0	0	0	0	425,000
Subtotal, Human Services	555,000	951,000	7,236,000	1,366,000	898,000	12,223,000	900,300	1,032,188	1,041,619	954,737	27,157,844
Internal Services											
Communications & IT	0	883,000	883,000	883,000	883,000	883,000	883,000	883,000	883,000	883,000	7,947,000
Finance & Management Services	720,000	0	0	0	0	0	0	0	0	0	720,000
Finance & Mgmt Services/HR	659,400	0	888,360	0	0	0	0	0	0	0	1,547,760
General Services	596,924	880,000	5,059,000	880,000	880,000	1,630,000	880,000	980,000	2,460,000	945,000	15,190,924
Subtotal, Internal Services	1,976,324	1,763,000	6,830,360	1,763,000	1,763,000	2,513,000	1,763,000	1,863,000	3,343,000	1,828,000	25,405,684
Roanoke County Public Schools											
All Schools Projects	18,418,156	14,438,169	2,370,357	14,357,453	14,392,494	2,418,764	14,440,255	14,427,693	2,319,325	13,603,987	111,186,653
Subtotal, Roanoke County Public Schools	18,418,156	14,438,169	2,370,357	14,357,453	14,392,494	2,418,764	14,440,255	14,427,693	2,319,325	13,603,987	111,186,653
Total, FY 21-30 County & School Projects	\$23,053,630	\$18,850,128	\$20,494,856	\$19,111,299	\$18,625,027	\$19,151,143	\$18,700,773	\$18,734,311	\$18,956,443	\$31,383,892	\$193,457,515



County of Roanoke, Virginia FY 2021 – FY 2030 Adopted Capital Improvement Program All County and Schools Projects

Note: Projects with \$0 in FY 2021-2030 are active projects that have been fully funded in prior fiscal years.

Functional Team/Department/Project	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 21-30 Total
Public Safety											
Sheriff											
Roanoke County Jail Abatement	\$0	\$0	\$179,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$179,000
Sheriff's Office Capital Maintenance Program	70,000	110,000	110,000	125,000	125,000	125,000	125,000	175,000	165,000	155,000	1,285,000
<i>Sheriff Total</i>	70,000	110,000	289,000	125,000	125,000	125,000	125,000	175,000	165,000	155,000	1,464,000
Communications & IT											
Digital Microwave Ring Replacement	327,000	0	0	0	0	0	0	0	0	0	327,000
Public Safety Communications Infrastructure	150,000	0	0	0	0	0	0	0	0	0	150,000
Emergency 911 Phone System Upgrade	0	0	444,000	0	0	0	0	0	0	0	444,000
Emergency Medical Dispatch	0	0	150,000	0	0	0	0	0	0	0	150,000
<i>Communications & IT Total</i>	477,000	0	594,000	0	0	0	0	0	0	0	1,071,000
Fire & Rescue											
Diesel Exhaust Removal System	100,000	50,000	300,000	0	0	0	0	0	0	0	450,000
Fire and Rescue Ballistic Body Armor	70,000	0	0	0	0	0	0	0	0	0	70,000
Fire Station Renovation/Replacement	0	0	0	0	0	0	0	100,000	10,500,000	0	10,600,000
<i>Fire & Rescue Total</i>	170,000	50,000	300,000	0	0	0	0	100,000	10,500,000	0	11,120,000
Courthouse and Court Services											
Courthouse Parking Lot Renovations	0	106,839	0	0	0	0	0	0	0	0	106,839
Courthouse HVAC Replacement	0	25,000	512,000	0	0	0	0	0	0	0	537,000
Courthouse and Court Services Carpeting	0	0	466,000	0	0	0	0	0	0	0	466,000
<i>Courthouse and Court Services Total</i>	0	131,839	978,000	0	0	0	0	0	0	0	1,109,839
Public Safety Total	\$717,000	\$291,839	\$2,161,000	\$125,000	\$125,000	\$125,000	\$125,000	\$275,000	\$10,665,000	\$155,000	\$14,764,839
Community Services											
Planning											
Fallowater Lane Extension	391,445	391,445	0	0	0	0	0	0	0	0	782,890
Plantation Road Phase II	200,000	0	0	0	0	0	0	0	0	0	200,000
Dry Hollow Road Safety Improvements	0	0	0	0	0	0	0	0	0	0	0
Huffman Lane Improvements	0	0	0	0	0	0	0	0	0	0	0

Capital Improvement Program FY 2021 – FY 2030



All County Capital Projects

All Projects (Continued)

Functional Team/Department/Project	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 21-30 Total
Community Services(Continued)											
West Main Street Pedestrian Improvements	0	0	0	0	0	0	0	0	0	0	0
Williamson Road Pedestrian Improvements	0	0	0	0	0	0	0	0	0	0	0
Buck Mountain Road/Starkey Road Intersection	0	0	0	0	0	0	0	0	0	0	0
VDOT Revenue Sharing Projects (Small Projects & TBD)	0	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,000,000
Planning Total	591,445	391,445	250,000	2,982,890							
Stormwater Management											
NPDES - Leachate Management System Upgrade	0	0	0	0	0	0	0	0	0	0	0
NPDES - MS4 BMP Construction	0	200,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	3,000,000
Restoration of Wolf Creek at Goode Park	0	0	0	0	0	0	0	0	0	0	0
Storm Drainage Maintenance of Effort Program	150,000	215,000	225,000	225,000	225,000	250,000	250,000	300,000	350,000	400,000	2,590,000
Stormwater Management Total	150,000	415,000	825,000	425,000	425,000	850,000	450,000	500,000	950,000	600,000	5,590,000
Economic Development											
Roanoke County Broadband Initiative	382,905	386,875	384,939	387,149	383,664	383,664	384,983	0	0	0	2,694,179
Woodhaven Property Acquisition & Improvements	162,800	162,800	387,200	387,697	387,869	387,715	387,235	386,430	387,499	388,181	3,425,426
Gateway Signs & Landscaping	0	50,000	50,000	50,000	0	0	0	0	0	0	150,000
Rural Broadband Initiative	100,000	0	0	0	0	0	0	0	0	0	100,000
Economic Development Total	645,705	599,675	822,139	824,846	771,533	771,379	772,218	386,430	387,499	388,181	6,369,605
Community Services Total	\$1,387,150	\$1,406,120	\$1,897,139	\$1,499,846	\$1,446,533	\$1,871,379	\$1,472,218	\$1,136,430	\$1,587,499	\$1,238,181	\$14,942,495
Human Services											
Library											
Mount Pleasant Library Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Countywide Library Public Use Computer Repl. Plan	0	71,000	15,000	116,000	48,000	123,000	50,300	46,400	76,900	15,700	562,300
Hollins Branch Library Replacement	0	80,000	4,996,000	0	0	10,000,000	0	0	0	0	15,076,000
Library Total	0	151,000	5,011,000	116,000	48,000	10,123,000	50,300	46,400	76,900	15,700	15,638,300
Parks and Recreation											
Parks and Recreation Capital Maintenance Program	430,000	700,000	700,000	700,000	700,000	700,000	700,000	780,000	760,000	745,000	6,915,000
Green Ridge Capital Maintenance Program	0	100,000	125,000	125,000	150,000	150,000	150,000	205,788	204,719	194,037	1,404,544
East Roanoke River Greenway	125,000	0	0	0	0	0	0	0	0	0	125,000
West Roanoke River Greenway	0	0	0	0	0	0	0	0	0	0	0
Explore Park	0	0	1,400,000	0	0	0	0	0	0	0	1,400,000
Sports Field Lighting Replacement	0	0	0	0	0	1,250,000	0	0	0	0	1,250,000
Parks and Recreation Total	555,000	800,000	2,225,000	825,000	850,000	2,100,000	850,000	985,788	964,719	939,037	11,094,544

Capital Improvement Program FY 2021 – FY 2030



All County Capital Projects

All Projects (Continued)

Functional Team/Department/Project	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 21-30 Total
Human Services (Continued)											
Elections											
Electronic Pollbook Replacement	0	0	0	0	0	0	0	0	0	0	0
Voting Machine Replacement	0	0	0	425,000	0	0	0	0	0	0	425,000
<i>Elections Total</i>	0	0	0	425,000	0	0	0	0	0	0	425,000
Human Services Total	\$555,000	\$951,000	\$7,236,000	\$1,366,000	\$898,000	\$12,223,000	\$900,300	\$1,032,188	\$1,041,619	\$954,737	\$27,157,844
Internal Services											
Communications & IT											
County-Wide Computer Replacement Program	\$0	\$233,000	\$233,000	\$233,000	\$233,000	\$233,000	\$233,000	\$233,000	\$233,000	\$233,000	\$2,097,000
IT Infrastructure Repl. Capital Maintenance Program	0	650,000	650,000	650,000	650,000	650,000	650,000	650,000	650,000	650,000	5,850,000
<i>CommIT Total</i>	0	883,000	883,000	883,000	883,000	883,000	883,000	883,000	883,000	883,000	7,947,000
Finance & Management Services											
Integrated Financial System (IFS)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Dynamics D365 Upgrade	720,000	0	0	0	0	0	0	0	0	0	\$720,000
<i>Finance Total</i>	720,000	0	0	0	0	0	0	0	0	0	720,000
Finance & Management Services/Human Resources											
Human Resources and Payroll Modules	659,400	0	888,360	0	0	0	0	0	0	0	1,547,760
<i>Finance/Human Resources Total</i>	659,400	0	888,360	0	0	0	0	0	0	0	1,547,760
General Services											
Bent Mountain Comm. Center Repairs & Renovations	0	0	0	0	0	0	0	0	0	0	0
General Service Capital Maintenance Program	596,924	880,000	880,000	880,000	880,000	880,000	880,000	980,000	960,000	945,000	8,761,924
Public Service Center Facility Replacement	0	0	3,704,000	0	0	0	0	0	0	0	3,704,000
Administration Center Envelope Repairs	0	0	231,000	0	0	0	0	0	0	0	231,000
Administration Center Carpet Replacement	0	0	244,000	0	0	0	0	0	0	0	244,000
Public Safety Center Updates	0	0	0	0	0	750,000	0	0	0	0	750,000
Administration Center Facility Updates	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000
<i>General Services Total</i>	596,924	880,000	5,059,000	880,000	880,000	1,630,000	880,000	980,000	2,460,000	945,000	15,190,924
Internal Services Total	\$1,976,324	\$1,763,000	\$6,830,360	\$1,763,000	\$1,763,000	\$2,513,000	\$1,763,000	\$1,863,000	\$3,343,000	\$1,828,000	\$25,405,684
Subtotal, Roanoke County Projects	\$4,635,474	\$4,411,959	\$18,124,499	\$4,753,846	\$4,232,533	\$16,732,379	\$4,260,518	\$4,306,618	\$16,637,118	\$4,175,918	\$82,270,862



All Projects (Continued)

Roanoke County Public Schools

Schools											
Cave Spring High School	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Maintenance Program	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	9,000,000
HR Payroll and Software System	451,650	444,180	0	0	0	0	0	0	0	0	895,830
Dynamics D365 Upgrade	360,000	0	0	0	0	0	0	0	0	0	360,000
William Byrd High School	17,158,000	3,000,000	0	0	0	0	0	0	0	0	20,158,000
WE Cundiff Elementary	224,253	4,996,995	685,179	6,515,323	4,481,688	0	0	0	0	0	16,903,438
Glen Cove Elementary	224,253	4,996,994	685,178	6,000,000	4,518,312	0	0	0	0	0	16,424,737
Burton Center for the Arts & Technology	0	0	0	842,130	4,392,494	1,418,764	13,440,255	13,427,693	1,319,325	12,603,987	47,444,648
<i>Schools Total</i>	<u>18,418,156</u>	<u>14,438,169</u>	<u>2,370,357</u>	<u>14,357,453</u>	<u>14,392,494</u>	<u>2,418,764</u>	<u>14,440,255</u>	<u>14,427,693</u>	<u>2,319,325</u>	<u>13,603,987</u>	<u>111,186,653</u>
Total, Roanoke County Public Schools Projects	\$18,418,156	\$14,438,169	\$2,370,357	\$14,357,453	\$14,392,494	\$2,418,764	\$14,440,255	\$14,427,693	\$2,319,325	\$13,603,987	\$111,186,653
Total, FY 21-30 County & Schools Projects	\$23,053,630	\$18,850,128	\$20,494,856	\$19,111,299	\$18,625,027	\$19,151,143	\$18,700,773	\$18,734,311	\$18,956,443	\$17,779,905	\$193,457,515



County of Roanoke, Virginia FY 2021 – FY 2030 Adopted Capital Improvement Program Additional Operating Impacts

The table below provides summary information on the additional operating impacts that are associated with the projects included in the FY 2021 - FY 2030 Adopted Capital Improvement Program. Detailed information on the additional operating impacts can be found on each individual project page in the “Projects by Functional Team” section.

Additional operating impacts are defined as impacts that may increase or decrease operating costs as related to the most recently approved Operating Budget. Not all projects will have an additional operating impact, so not all projects are included in the table below. While the table below indicates that the project will have an impact on the Operating Budget (in some cases, it may save money in the Operating Budget), the decisions to include the costs in the Operating Budget have yet to be made. In some cases, additional costs associated with these projects may be offset with decreases in other parts of the Operating Budget as budget priorities change. In some cases where the additional operating impact is unknown until the final project scope is developed, the impacts are noted as “TBD.” The primary purpose of this table is to allow multi-year fiscal planning as relates to the implementation of capital projects included in this document.

Functional Team/Project	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total FY 21-FY30
Public Safety											
Roanoke County Jail Abatement	\$0	\$0	\$14,485	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,485
Digital Microwave Ring Replacement	\$0	\$65,000	\$66,950	\$68,959	\$71,027	\$73,158	\$75,353	\$77,613	\$79,942	\$82,340	\$660,342
Public Safety Communications Infrastructure	\$0	\$15,000	\$15,450	\$15,914	\$16,391	\$16,883	\$17,389	\$17,911	\$18,448	\$19,002	\$152,387
Emergency 911 Phone System Upgrade	\$0	\$0	\$0	\$17,775	\$27,975	\$28,814	\$29,679	\$30,569	\$31,486	\$32,431	\$198,729
Fire Station Renovation/Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	TBD	TBD
Courthouse Parking Lot Renovations	\$0	\$0	TBD								
Courthouse HVAC Replacement	\$0	\$0	\$0	TBD							
Community Services											
Plantation Road Phase II	\$0	TBD									



Functional Team/Project	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total FY 21-FY30
Community Services (continued)											
NPDES - Leachate Management System Upgrade	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Restoration of Wolf Creek in Goode Park Phase I	\$0	\$0	\$5,000	\$5,150	\$5,305	\$5,464	\$5,628	\$5,796	\$5,970	\$6,149	\$44,462
Roanoke County Broadband Initiative	\$325,000	\$325,000	TBD	\$650,000							
Gateways Signs & Landscaping	\$0	\$0	\$7,500	\$7,725	\$7,957	\$8,195	\$8,441	\$8,695	\$8,955	\$9,224	\$66,693
Human Services											
Hollins Branch Library Replacement	\$0	\$0	\$0	\$0	\$0	\$0	TBD	TBD	TBD	TBD	TBD
East Roanoke River Greenway	\$10,000	\$12,500	\$12,875	\$13,261	\$13,659	\$14,069	\$14,491	\$14,926	\$15,373	\$15,835	\$136,989
West Roanoke River Greenway	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255	\$11,593	\$11,941	\$12,299	\$12,668	\$13,048	\$114,639
Sports Field Lighting Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$5,150	\$5,305	\$5,464	\$20,918
Electronic Pollbook Replacement	\$0	\$19,425	\$20,008	\$20,608	\$21,226	\$21,863	\$22,519	\$23,194	\$23,890	\$24,607	\$197,341
Voting Machine Replacement	\$0	\$0	\$0	\$0	\$18,100	\$18,643	\$19,202	\$19,778	\$20,372	\$20,983	\$117,078
Internal Services											
Dynamics D365 Upgrade	\$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Human Resources and Payroll Modules	(\$54,175)	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Bent Mountain Community Center Repairs and Renovations	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Public Service Center Facility Replacement	\$0	\$0	TBD								
Administration Center Facility Updates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	TBD	TBD
Roanoke County Public Schools											
Cave Spring High School	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
William Byrd High School	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
WE Cundiff Elementary School	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Glen Cove Elementary School	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Burton Center for the Arts & Technology	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD