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Special acknowledgement goes to the following for their assistance: Public Affairs and Communications, General Services, and Mapping and Geographic Information.

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Distinguished Budget Presentation Award

The Government Finance Officers Association of the United States and Canada (GFOA) presented an award for Distinguished Budget Presentation to Loudoun County, Virginia for the annual budget for the fiscal year beginning July 1, 2017. In order to receive this award, a government unit must publish a budget document that meets program criteria as a policy document, as an operation guide, as a financial plan and as a communication device.

The award is valid for a period of one year. The County believes that its current budget continues to conform to program requirements, and this budget will be submitted to GFOA to determine its eligibility for another award.



GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

PRESENTED TO

Loudoun County

Virginia

For the Fiscal Year Beginning

July 1, 2017

Christopher P. Morill

Executive Director

Performance Management Certificate of Achievement

The International City/County Management Association (ICMA) presented Loudoun County with a Certificate of Achievement for its use of performance management techniques for the fiscal year beginning July 1, 2017. The criteria for the certificate include reporting of performance data to the public through budgets, newsletters, and/or information provided to elected officials; data verification efforts to ensure reliability; and staff training.

ICMA

INTERNATIONAL CITY/COUNTY
MANAGEMENT ASSOCIATION

This Certificate of Achievement

is presented to

Loudoun County, VA

in recognition of its use of performance data in local government management,
including training, verification and public reporting.

Presented at the 103rd ICMA Annual Conference
in San Antonio/Bexar County, Texas

23 October 2017



MARC A. OTT
ICMA EXECUTIVE DIRECTOR



LEE FELDMAN
ICMA PRESIDENT

Loudoun County Mission

Our mission is to conscientiously serve our community and our citizens in a dynamic world; to protect and enhance the general health, safety, and well-being; to attract and nurture talented people in a work environment which will inspire us to serve the public with integrity, creativity, high standards, and respect; to make the most of our resources; to create, foster, and maintain the best possible quality of life; to invest in tomorrow.

In carrying out this mission, the life we envision for our community is rich and full of promise. We envision citizens proud of their community and the accomplishments of their government.



Loudoun County Towns & Communities



History of Loudoun County

Loudoun County constitutes a part of the five million acre Northern Neck of Virginia Proprietary granted by King Charles II of England to seven noblemen in 1649. This grant, later known as the Fairfax Proprietary, lay between the Potomac and Rappahannock Rivers. Between 1653 and 1730, Westmoreland, Stafford, and Prince William Counties were formed within the Proprietary, and in 1742 the remaining land was designated Fairfax County.

The Town of Leesburg has served continuously as the County Seat since 1757 and is believed to derive its name from Francis Lightfoot Lee, a signer of the Declaration of Independence.

Settling of the Loudoun area began between 1725 and 1730 while it was still owned by Lord Fairfax. Permanent settlers came from Pennsylvania, New Jersey, and Maryland. During the same period, settlers from eastern Virginia came to lower Loudoun and established large tobacco plantations.

During the War of 1812, Loudoun County served briefly as temporary refuge for the President and important state papers. The Constitution and other state papers were brought to Rokeby, near Leesburg, for safekeeping when the British burned Washington. President Madison established headquarters at Belmont, where he was the guest of Ludwell Lee.

For more than two centuries, agriculture was the dominant way of life in Loudoun County, which had a relatively constant population of about 20,000. That began to change in the early 1960s, when Dulles International Airport was built in the southeastern part of the County.

Today, Loudoun County is a growing, dynamic county of approximately 413,612 people. Loudoun is known for its beautiful scenery, rich history, comfortable neighborhoods, and high quality public services.





COUNTY PROFILE

Loudoun County is located in the Washington Metropolitan Area, 25 miles west of Washington, DC. Since the construction of the Dulles International Airport, new business and residential development have dominated the County’s historically agricultural economy. Loudoun County was the sixth fastest growing county in the United States between 2000 and 2010 with its population increasing 84 percent. Between 2010 and 2017 Loudoun County continued to be one of the fastest growing counties, ranking nineteenth in the nation. The County’s economy continues to grow and is responsible for a considerable share of Northern Virginia’s job growth during the past few years. Several major companies in the telecommunications, information, and airline industries are located in the County. Known for its outstanding public school system, the County provides a mix of suburban and rural living to its residents.

County Population*	413,612	Land Area (square miles)	520
Per Capita Personal Income**	\$71,218	Unemployment Rate***	3.0%
Median Household Income**	\$134,464	Total Employment***	161,384
Public School Enrollment*	83,105	New Commercial Permits***	4,473,382 sf.
Cost Per Pupil*	\$14,277	New Residential Use Permits***	3,656 units
County & School Employees*	16,052	Office/Industrial Vacancy Rate (2017 average)***	7.5%

* Forecast FY 19

**Calendar Year 2016

***Calendar Year 2017

Top 10 Real Property Owners (2018 value)

	% of Tax Base
TOLL ROAD INVESTORS PARTSHP II LP	0.45%
CYRUSONE LLC	0.38%
DULLES TOWN CENTER MALL LLC	0.35%
CHELSEA GCA REALTY PARTNERSHIP LP	0.32%
DIGITAL LOUDOUN PKWY CTR NORTH LLC	0.30%
REDWOOD-ERC ASHBURN LLC	0.26%
EQUINIX R P II LLC	0.24%
VISA USA INC	0.23%
SMITH, VERLIN W ET AL TEES	0.17%
RPAI ASHBURN LOUDOUN LLC	0.17%

*Excludes public service company properties.

Top 10 Employers (second quarter 2017)

- Loudoun County Public Schools
- Loudoun County Government
- Verizon
- United Airlines
- U.S. Department of Homeland Security
- Raytheon Company
- Orbital ATK
- Inova Loudoun Hospital
- Swissport USA
- Dynalectric



PROJECTED FY 2019 MAJOR OPERATING INDICATORS

FUNCTION	INDICATOR
General Government Administration	
County's Bond Ratings	
Moody's	Aaa
Standard and Poor's	AAA
Fitch	AAA
Square foot cost of floor space maintained	\$2.24
Major computer availability	99%
Public Safety	
Sheriff's Office	
Number of emergency calls	41,130
Number of non-emergency calls	170,000
Fire and Rescue Services	
Number of Emergency Medical Service incidents	22,350
Health and Welfare	
Average number of active cases for all Benefit Programs	22,037
Number of individuals enrolled in Psychiatric/Nursing Services	1,150
Number of permitted food facilities inspected	1,300
Parks, Recreation and Culture	
Annual park visits for special events	875,000
Number of youth participating on youth sports teams	55,000
Community Development	
Number of plans submitted for review	14,300
New and retained jobs by economic development project (announced)	3,000
Active capital projects under design	50
Active capital projects under construction	55
Active capital projects completed	18



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Capital Improvement Program

FY 2019 Adopted Budget

Executive Summary

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CAPITAL IMPROVEMENT PROGRAM EXECUTIVE SUMMARY

Navigating the CIP

The Capital Improvement Program (CIP) document is divided into five sections, each containing the following program areas:

1. Completed Projects Section

This section provides a summary of capital projects that have been completed during the past two fiscal years. These facilities are currently in operation by the County or the Loudoun County Public Schools.

2. Previously Authorized Projects Section

This section provides general progress reports for active capital projects that received funding prior to FY 2019 that do not have appropriations in the six-year CIP period. This section summarizes each previously authorized project's budget, phase of development, planning subarea location, election district, and project description.

The funding amounts are not subject to amendments as part of the CIP budget deliberations. These funding amounts have been appropriated by the Board of Supervisors in prior fiscal years. As such, there is an expectation that the facility will be delivered in a timely manner and within the scope presented at the time of the adoption of the project budget.

3. County Capital Projects

- **Administration** – includes land and technological systems acquisition projects.
- **General Government** – includes general capital projects such as government offices, warehouses, support space, storm water management, and projects at the County Landfill.
- **Public Safety** – includes capital projects in support of the Loudoun County Sheriff's Office, the Department of Fire and Rescue Services, the Loudoun County Courts, and the Department of Animal Services.
- **Health and Welfare** – includes capital projects for program space and group residences for the Department of Family Services and the Department of Mental Health, Substance Abuse and Developmental Services.
- **Parks, Recreation and Culture** – includes recreational capital projects such as libraries, parks, recreation centers, community centers, senior centers, and teen centers.

4. Transportation Capital Projects – includes preliminary engineering, right-of-way acquisition, utility relocation, and construction of roads, interchanges, trails, sidewalks, traffic signals, park and ride lots, and the procurement of transit buses. The Transportation section of the document is divided into the following four programs:

- **Road Projects**
- **Sidewalks, Signals, and Traffic Calming Projects**
- **Transit Projects**
- **Town Transportation/Transit Projects**

5. School Capital Projects - includes design and construction funding for the Loudoun County Public Schools. The School section of the document is divided into the following programs:

- **Elementary Schools**
- **Middle Schools**



CIP Executive Summary

- **High Schools**
- **Other School Projects**

6. Project Pages

Each capital project has its own project page that contains the following information:

- Proposed timing of appropriations
- Estimates of the project's funding sources and expenditures for each of the six years within the CIP
- Appropriations made by the Board of Supervisors for the project prior to FY 2019
- Future fiscal year (FFY) funding allocations, which reflects project funding and expenditure estimates that occur beyond the six-year CIP planning period for the project (from FY 2025 to FY 2028)
- Projected net personnel, operations and maintenance costs to operate the facility, as well as anticipated revenues generated by the facility
- Projected number of Full Time Equivalents (FTE), or personnel, required to operate the facility
- Projected debt service payments for principal and interest expenses related to debt issued for the project
- Narratives explaining the scope of the project and relevant background information
- Maps depicting the location of planned facilities. If the location of a project is unknown, a map of the planning subarea where the project is proposed to be located is provided

Land acquisition, design, construction, and equipment procurement expenses for both County and School facilities are adjusted, on average, four percent annually to account for market inflation.

Personnel cost estimates are inflated three percent annually for every year after FY 2019; operations and maintenance cost estimates are inflated one percent annually for every year after FY 2019. The estimated number of new personnel (FTE) required to operate a facility is shown in the year in which the FTE are projected to be hired.



CIP Executive Summary

Capital Improvement Program

The six-year Capital Improvement Program (CIP) is one of the definitive products of the County's process for forecasting and planning its future capital facility growth, in conjunction with department service plans, the Capital Needs Assessment, and the General Plan. This planning process attempts to address the County's projected capital needs associated with new development in conjunction with the CIP funding plan and budget.

The CIP provides a six-year forecast of the County's general government and public schools' land, facility, and equipment needs, with a financing plan to implement each need. The CIP facilitates land acquisition, design, construction, and capital equipment procurement for each project.

Potential projects are evaluated in relation to each other to ensure that the highest priority projects receive public funding, with essential improvements planned in a manner commensurate with the County's ability to pay.

The CIP is developed biennially, with the six-year period moving out an additional two years every other fiscal year. The current six-year CIP planning period extends from FY 2019 – FY 2024. The CIP is a multi-year plan that does not constitute or require an appropriation of funds beyond those for the current fiscal year, FY 2019. The FY 2020 - FY 2024 timeframe contains projects with planned funding that should be considered for future appropriations in subsequent fiscal year CIP budgets.

Funding decisions concerning the CIP are made in conjunction with decisions regarding the County's operating budget. Final authority to spend public funds for purposes specified in the County's operating and capital budgets is accomplished through the adoption of an appropriations resolution by the Board of Supervisors.

The FY 2019 Adopted CIP abides by all County fiscal policies and debt ratios, and due to this fact, may not be able to accommodate all of the requested capital project appropriation requests in the timeframes requested. The CIP is a multi-year plan that does not constitute or require an appropriation of funds beyond those for the current fiscal year, FY 2019. The FY 2020 – 2024 timeframe contains projects with planned funding that should be considered for future appropriations in subsequent fiscal year CIP budgets.

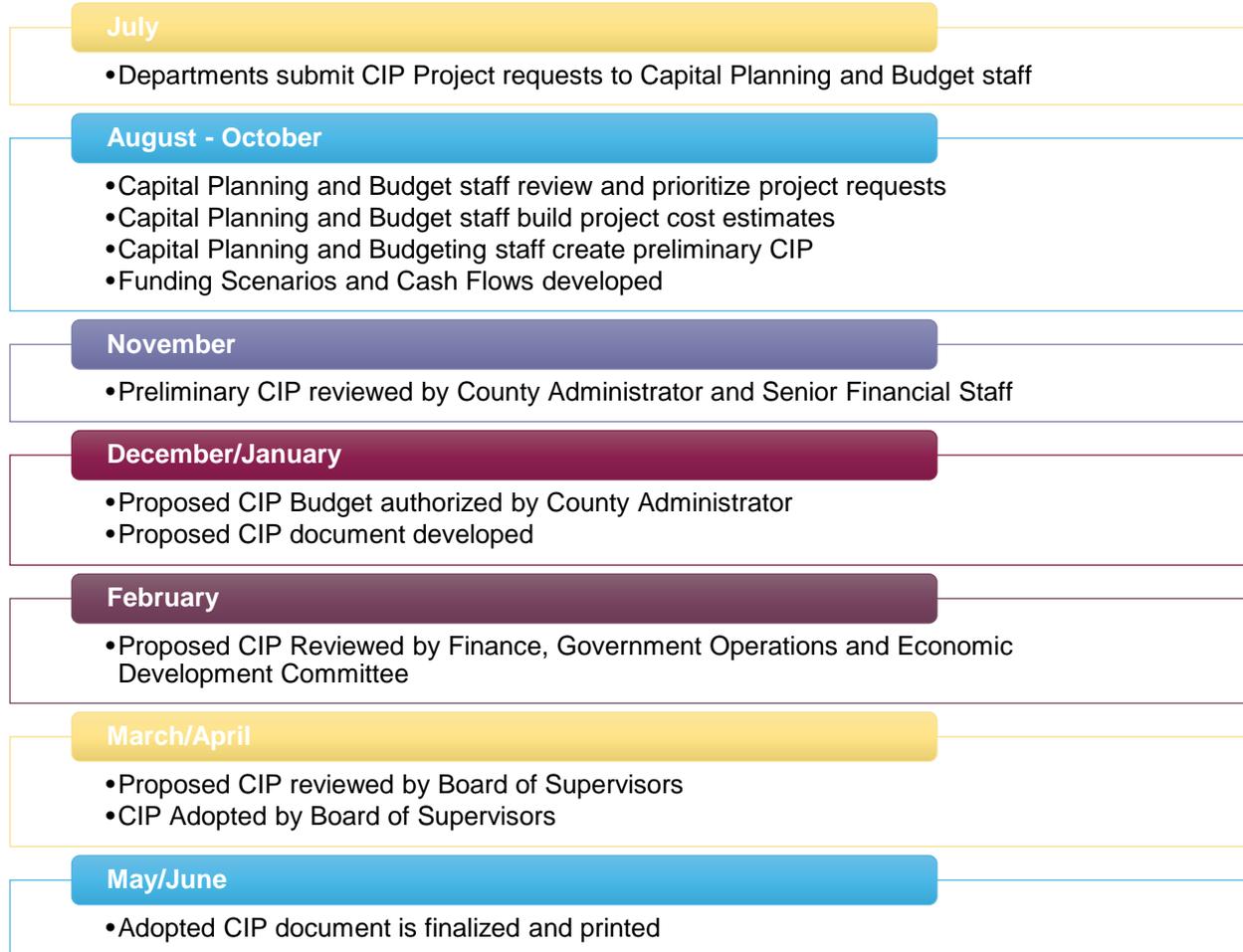
Funding decisions concerning the CIP are made in conjunction with decisions regarding the County's operating budget. Final authority to spend public funds for purposes specified in the County's operating and capital budgets is accomplished through the adoption of an appropriations resolution by the Board of Supervisor. This plan may also be referred to as the "FY 2019 Adopted CIP", or "Adopted CIP."



CIP Executive Summary

Capital Budget Process

The following timeline provides an overview of the Capital Budgeting process:

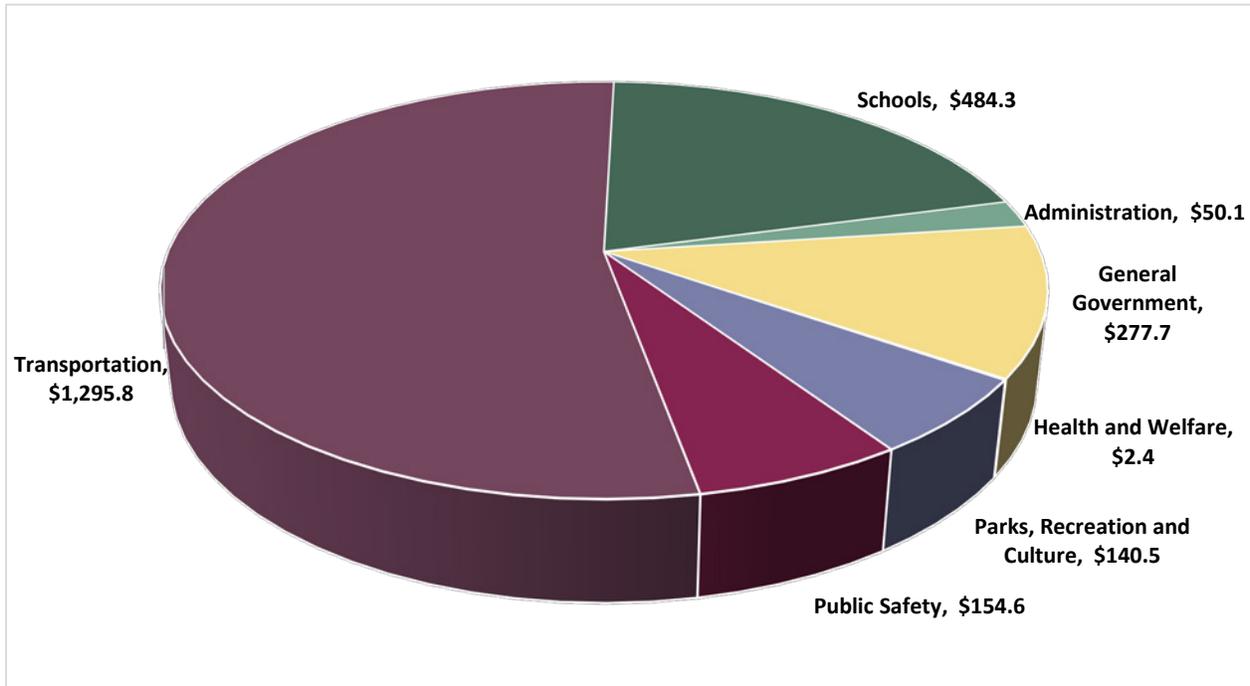




FY 2019 – FY 2024 ADOPTED CAPITAL IMPROVEMENT PROGRAM

The FY 2019 Adopted CIP includes expenditures totaling \$2.41 billion during the FY 2019 – FY 2024 timeframe. Transportation projects total \$1.30 billion, school construction and renovation projects total \$484.30 million, and County construction projects total \$625.37 million.

Graph 1: Total Expenditures by Function (\$ in 1,000's)



Compared to the FY 2018 Adopted CIP, total six-year expenditures in the FY 2019 Adopted CIP changed as follows:

Six-year expenditures for County (non-transportation, non-school related) projects totaled \$589,408,000 in the FY 2018 Adopted CIP. In the FY 2019 Adopted CIP, these expenditures total \$625,373,000. This is an increase in spending of \$35,965,000, or 6.1 percent, for County government projects.

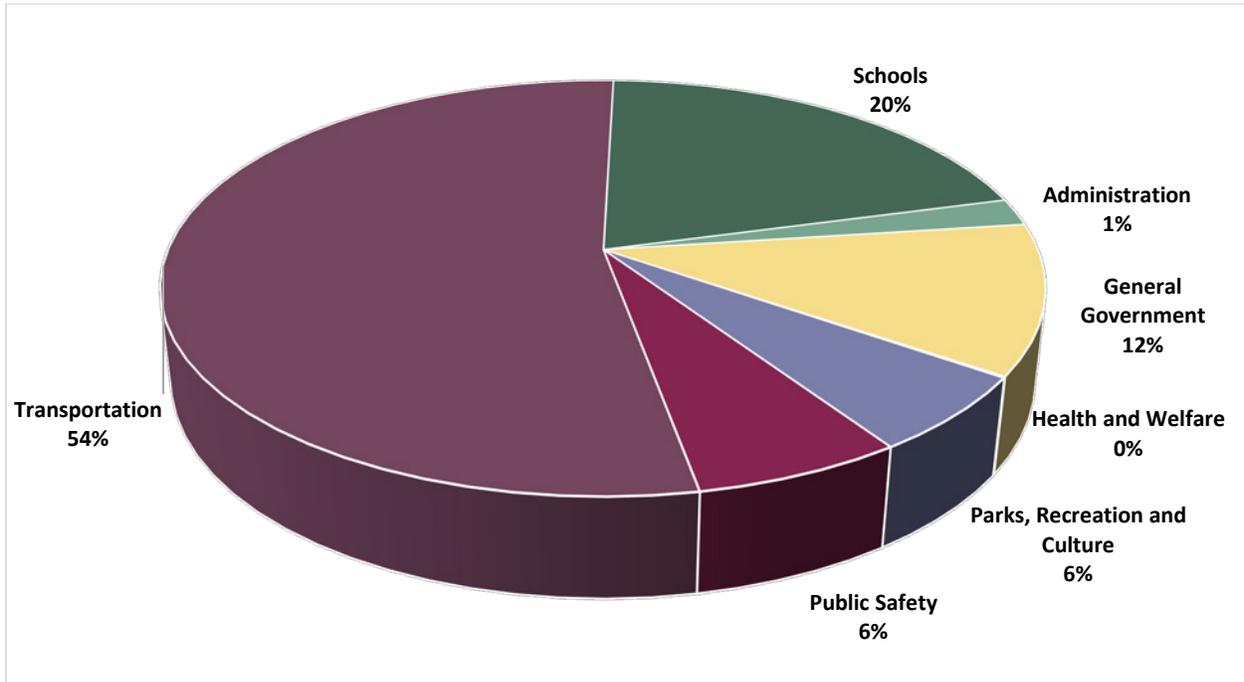
The FY 2018 Adopted CIP programmed six-year expenditures for transportation projects totaled \$804,504,000. The FY 2019 Adopted CIP programs total expenditures for transportation projects at \$1,295,800,000. This is an increase in spending of \$491,296,000, or 61.1 percent, for transportation projects.

In the FY 2018 Adopted CIP, six-year expenditures for school projects totaled \$638,829,000. In the FY 2019 Adopted CIP, expenditures for school projects total \$484,298,000. This is a decrease in spending of \$154,531,000, or 24.2 percent, in the six-year period. This is due to the prior completion or appropriation of several major school capital projects, including ES-28, ES-31, MS-7, and HS-9.



FY 2019 – FY 2024 Adopted Capital Improvement Program

Graph 2: Percentage of Total Expenditures by Function



Overall expenditures in the six-year period have generally increased over the last six capital budgets, most notably in the area of transportation expenditures. Table 1 displays the six-year funding levels for the current FY 2019 Adopted CIP and the five previous Adopted CIPs, as well as the average six-year spending, by category:

Table 1: Six-Year Funding Levels since FY 2014

CIP	County	Transportation	Schools	Total
FY 2019 Adopted	\$625,373,000	\$1,295,755,000	\$484,298,000	\$2,405,426,000
FY 2018 Adopted	\$589,408,000	\$804,504,000	\$639,829,000	\$2,033,741,000
FY 2017 Adopted	\$532,446,000	\$722,690,000	\$541,435,000	\$1,796,571,000
FY 2016 Adopted	\$539,165,000	\$792,935,000	\$613,858,000	\$1,945,958,000
FY 2015 Adopted	\$542,126,000	\$738,921,000	\$621,885,000	\$1,902,932,000
FY 2014 Adopted	\$545,541,000	\$548,624,000	\$639,580,000	\$1,733,745,000
Average Six-Year Funding:	\$562,343,167	\$817,238,167	\$590,147,500	\$1,969,728,833



FY 2019 – FY 2024 Adopted Capital Improvement Program

Factors Affecting the Development of the FY 2019 Adopted CIP

Loudoun County Public School Funding Requests

The FY 2019 – 2024 Adopted CIP fully incorporates the Loudoun County Public Schools (LCPS) Board's Adopted CIP, including funding requests totaling approximately \$484,297,800 in the six-year CIP timeframe, with significant funding requests totaling approximately \$1,199,650,000 in future fiscal years, FY 2025 through FY 2028. In addition, the County's Land Acquisition Fund includes funding of approximately \$40,785,000 in the six-year period to acquire land for future school construction.

Additional accelerated or new requests for funding in fiscal years 2019 – 2024 include:

- The acceleration of ES-23 Dulles North from FY 2020 to FY 2019 for design (\$5,105,000) and from FY 2021 to FY 2020 for construction (\$39,130,000)
- The acceleration of ES-29 Dulles South from FY 2021 to FY 2019 for design (\$5,105,000) and from FY 2022 to FY 2020 for construction (\$39,130,000)
- The acceleration of renovations to Dominion Trail ES from FY 2021 to FY 2020 (\$3,519,000)
- The acceleration of school security projects, including School Security Vestibules and Division Security Improvements, to FY 2019 and FY 2020 (\$25,834,000)
- The acceleration of the Student Welcome and Adult Education Center from FY 2023 to FY 2021 (\$1,130,000)
- Additional funding for continuing the School Bus Acquisition and Replacement program through the six-year period (\$48,365,000)
- Funding for MS-14, Dulles North, with design in FY 2022 (\$11,585,000) and construction in FY 2023 (88,775,000). Funding for land acquisition is included in the FY 2021 (\$7,990,000) under the County's Land Acquisition Fund
- Funding for the expansion of Broadband Infrastructure to all LCPS locations in FY 2019 (\$1,500,000), FY 2020 (\$1,750,000), and FY 2021 (\$1,750,000)
- Funding for the replacement of School Bus Radios in FY 2023 (\$3,845,000)
- Funding for the construction of a second entrance for Arcola ES at Northstar Boulevard in FY 2024 (\$2,280,000)
- Funding for the construction of road access to John W. Tolbert ES from a new road, Keystone Drive, in FY 2024 (\$845,000)
- Funding for the construction of a traffic signal at the Valley Service Center in FY 2024 (\$585,000)
- Funding for the extension of the northbound turn lane on Evergreen Mills Road at Heritage HS in FY 2024 (\$780,000)

Funding is also provided for LCPS projects in the future fiscal years, FY 2025 to FY 2028. The School Board's Adopted CIP identifies funding needs beyond FY 2028; these funding needs will be evaluated in future CIPs.

Major appropriations in the future fiscal years, FY 2025 to FY 2028, include:

- Funding for MS-19, including design and construction (\$113,195,000). Funding for land acquisition is included in the County's Land Acquisition Fund in FY 2024 (\$9,115,000)
- Funding for HS-14, including design and construction (\$182,605,000). Funding for land acquisition is included in the County's Land Acquisition Fund in FY 2023 (\$18,695,000)
- Funding for Future School Renovations and Construction, including thirteen renovation projects and two new construction projects (ES-34 and ES-36) (\$526,225,000). Funding for land acquisition for ES-34 is included in the County's Land Acquisition Fund in FY 2023 (\$4,985,000)
- Funding for a new Transportation Support Facility in Eastern Loudoun (site TBD) in FY 2028 (\$31,790,000)
- Funding for renovations to the Union Street Facility in FY 2028 (\$1,670,000)



FY 2019 – FY 2024 Adopted Capital Improvement Program

The School Board's Adopted CIP also delayed the following project in order to accommodate accelerated projects:

Funding for ES-24 Central Loudoun is deferred from FY 2022 for to FY 2024 for design (\$6,365,000) and from FY 2023 to FY 2025 for construction (\$47,830,000).

Project Cost Increases and Cost Estimation

As part of the annual capital budget process, as well as during the fiscal year, staff routinely evaluates and refines project cost estimates based on additional information and as projects progress through the planning, design, and construction phases.

Staff generally prepares initial cost estimates ("planning phase") based on historical data (e.g., based on the per-square foot "hard" cost of a recently completed facility, or per lane-mile for roads) plus additional costs for any known unique characteristics of a project. For facilities, the costs of design, furniture, fixtures and equipment, and other "soft" costs are calculated as a general percentage of the "hard" costs at this early stage of cost estimation. Staff has also increasingly used VDOT's cost estimating model to evaluate road projects in the CIP and will continue to do so.

Traditionally, depending on phasing of the project, staff also applies a four percent annual inflation escalator between the current year and the year when funding is needed to begin a specific phase of the project (design, land acquisition/utility relocations, and construction) to account for future cost increases.

Cost estimates are also reviewed and adjusted as part of the application process for external sources of funding, including Revenue Sharing, Smart Scale, NVTA 70% Regional, CMAQ, and RSTP funds. When appropriate and applicable, staff first evaluates external sources of funding to cover cost increases before evaluating local funding.

Project cost estimates during the planning phase (pre-design) are highly uncertain and subject to variations from 50 percent to 200 percent compared to the final project cost; estimates are more accurately refined once a project begins design.



FY 2019 – FY 2024 Adopted Capital Improvement Program

Table 2 identifies active projects in the FY 2019 CIP with cost increases:

Table 2: Projects with Cost Increases

Project	FY 2018 Cost Estimate	FY 2019 Cost Estimate	Cost Increase (\$)
Major Computer Systems	\$68,500,000	\$71,300,000	\$2,800,000
Ashburn Recreation & Community Center	\$70,930,000	\$85,930,000	\$15,000,000
Ashburn Senior Center	\$8,285,000	\$9,485,000	\$1,200,000
Brambleton Library	\$7,100,000	\$10,319,000	\$3,219,000
Hal & Berni Hanson Regional Park	\$74,340,000	\$89,140,000	\$14,800,000
Animal Services Facility	\$15,495,000	\$17,895,000	\$2,400,000
Courts Complex Phase III	\$89,010,000	\$107,010,000	\$18,000,000
Arcola Boulevard (Route 50 to Route 606)	\$52,260,000	\$63,509,000	\$11,249,000
Belmont Ridge Road (Truro Parish Drive to Croson Lane)	\$43,863,000	\$48,863,000	\$5,000,000
Belmont Ridge Road (Shreveport Drive to Evergreen Mills Road)	\$17,300,000	\$21,175,000	\$3,875,000
Evergreen Mills Road (Stone Springs Boulevard to Loudoun County Parkway)	\$33,543,000	\$38,000,000	\$4,457,000
Evergreen Mills Road Realignment (Watson Road and Reservoir Road)	\$3,815,000	\$14,000,000	\$10,185,000
Farmwell Road Intersection Improvements	\$29,164,000	\$32,099,000	\$2,935,000
Northstar Boulevard (Shreveport Drive to Route 50)	\$59,980,000	\$88,087,000	\$28,107,000
Northstar Boulevard (Route 50 to Tall Cedars Parkway)	\$35,992,000	\$46,924,000	\$10,932,000
Northstar Boulevard (Tall Cedars Parkway to Braddock Road)	\$22,193,000	\$28,367,754	\$6,174,754
Prentice Road	\$89,650,000	\$102,325,000	\$12,675,000
Route 7/ Route 287 Interchange	\$11,000,000	\$11,506,000	\$506,000
Route 7/ Route 690 Interchange	\$36,440,000	\$40,735,000	\$4,295,000
Route 15 Bypass/ Edwards Ferry Road	\$4,700,000	\$6,400,000	\$1,700,000
Route 50 / Everfield Drive Roundabout	\$7,975,000	\$10,000,000	\$2,025,000
Shellhorn Road	\$126,750,000	\$130,750,000	\$4,000,000
Waxpool Road/Loudoun County Pkwy Intersection	\$5,520,000	\$6,347,827	\$827,827
Westwind Drive (State Street to Ladbrook Drive)	\$43,699,000	\$51,301,000	\$7,602,000
Total:	\$957,504,000	\$1,131,468,581	\$173,964,581

County projects with significant (greater than ten percent) cost increases include:

- Ashburn Recreation and Community Center: The project cost estimate is revised due to higher-than-anticipated site development costs related to the design and construction of parking facilities on the proffered site.
- Ashburn Senior Center: Additional funding is provided due to increased construction costs (based on design) as a result of higher-than-anticipated site development costs and the relocation of the driveway entrance for this facility.
- Brambleton Library: Cost increases are due to higher-than-budgeted construction costs incurred by the developer to build this facility, as well as for a one-time interest payment due in FY 2019.
- Hal and Berni Hanson Regional Park: Supplemental funding is provided in FY 2019 due to higher-than-budgeted cost estimates to develop the park facility under its current scope and program.
- Animal Services Facility: Additional funding is provided to develop facility and site infrastructure, including turn lanes to provide access, relocation of sewer facilities, and the extension of water mains and data communication lines.
- Courts Complex Phase III: The project budget is increased to replenish funding used to address sinkholes at the Pennington Garage site, as well as to complete the expansion and renovation of the existing court facilities.



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Transportation projects with significant (greater than ten percent) cost increases include:

- Arcola Boulevard (Route 50 to Route 606): Project cost estimates are revised as part of the Smart Scale application process and reflect inflation based on the phasing of design, right-of-way acquisition, utility relocation, and construction. This project is currently in the planning phase; design is planned to begin in FY 2019.
- Belmont Ridge Road (Shreveport Drive to Evergreen Mills Road): Project cost estimates are revised due to updated inflation estimates based on the current phasing for design, right-of-way acquisition, utility relocation, and construction. Design is planned to begin in FY 2022.
- Evergreen Mills Road (Stone Springs Boulevard to Loudoun County Parkway): This project was submitted for NVTA 70% funding for the FY 2018 – 2023 SYP; the project budget is revised to match the funding application and is based on the current phasing schedules for design, right-of-way acquisition, utility relocation, and construction.
- Evergreen Mills Road Realignment (Watson Road and Reservoir Road): The cost estimate for this project was revised to reflect additional scope to address safety at this intersection.
- Northstar Boulevard (all segments): Cost estimates for all three segments of Northstar Boulevard are revised based on updates prepared for the NVTA FY 2018 – 2023 SYP application cycle and are based on the current phasing schedules for design, right-of-way acquisition, utility relocation, and construction. The segment from Route 50 to Tall Cedars Parkway is currently under design with construction expected to begin in FY 2020.
- Prentice Road: Cost estimates for this project are revised based on the application for NVTA 70% funding for the FY 2018 – 2023 SYP. The project is currently under design.
- Route 7 and Route 690 Interchange: Project cost estimates are revised based on the current phasing schedule for design, right-of-way acquisition, utility relocation, and construction. This project is currently under design.
- Route 15 Bypass/Edwards Ferry Road: Cost estimates are updated based on the application for RSTP funding in FY 2024 for this interchange project.
- Route 50 and Everfield Drive Roundabout: Construction cost estimates were revised based on more recent cost information for recent roundabout projects in the County. This project is expected to begin design in FY 2024.
- Waxpool Road and Loudoun County Parkway Intersection: Project cost estimates increased due to allocation of CMAQ and Smart Scale funding to this project in order to re-allocate funds in FY 2018 to other projects experiencing a shortfall of FY 2018 Revenue Sharing funding. The project is undergoing environmental review as required by the National Environmental Policy Act (NEPA).
- Westwind Drive (State Street to Ladbrook Drive): Project cost estimates are revised based on the current phasing schedule for design, right-of-way acquisition, utility relocation, and construction. This project is planned to begin design in FY 2019.

NVTA 70% Regional Funds and NVTA Six-Year Program

On April 3, 2013, the Virginia General Assembly approved House Bill 2313 which raises approximately \$300 million annually in new transportation funding for Northern Virginia through a series of regional taxes and fees. Since that time, the Northern Virginia Transportation Authority (NVTA) has awarded Loudoun County (\$86,640,000) and the Town Of Leesburg (\$35,000,000) in project funding for fiscal years 2014, 2015, 2016 and 2017.

At the NVTA meeting on October 12, 2017, the NVTA Board adopted its Long Range Plan – TransAction. This plan was developed over the last two years resulting in deferring a call for projects in FY 2018. The NVTA Board also approved a “Call for Projects” for its inaugural Six-Year Program (SYP), which begins in FY 2018 and continues through FY 2023. In the fall of 2017, jurisdictions began developing applications for projects funded in part by NVTA Regional Funds (70% Funds). In previous years, projects were funded with regional funding for one or two year programs; this program will allocate NVTA 70% funding over a six-year period.



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At its November 8, 2017 Business Meeting, the Board of Supervisors endorsed the County's NVTA SYP applications for the following County projects:

Project	NVTA 70% Funding Request
Dulles West Boulevard – Dulles Landing Drive to Arcola Boulevard	\$14,700,000
Dulles West Boulevard – Arcola Boulevard to Northstar Boulevard	\$34,700,000
Evergreen Mills Road – Northstar Boulevard to Stone Springs Boulevard	\$16,000,000
Evergreen Mills Road – Stone Springs Boulevard to Loudoun County Parkway	\$30,092,000
Evergreen Mills Road Realignment – Reservoir Road & Watson Road	\$14,000,000
Northstar Boulevard – Shreveport Road to Route 50	\$24,992,000
Northstar Boulevard – Route 50 to Tall Cedars Parkway	\$58,144,000
Prentice Road	\$76,230,000
Route 15 Bypass to Montresor Road	\$54,000,000
Shellhorn Road	\$16,000,000
Route 28 Northbound (Dulles Toll Road to Sterling Boulevard)	\$20,000,000
Town of Hillsboro – Traffic Calming and Pedestrian Safety	\$12,112,000

The total amount of NVTA 70% funding assumed in the FY 2019 – FY 2024 Adopted CIP for these projects is \$370,970,000. The County also endorsed the Town of Leesburg's application for \$25,000,000 for the Route 15 and Battlefield Parkway Interchange project.

The FY 2019 Adopted CIP also assumes NVTA 70% funding in FY 2024 for the Belmont Ridge Road (Shreveport Drive to Evergreen Mills Road) and the Northstar Boulevard (Tall Cedars Parkway to Braddock Road) projects. As the current round of funding for NVTA's SYP does not program funds beyond FY 2023, the County's CIP assumes that future funding applications will be submitted for these two projects. Projects for future NVTA 70% applications are contingent upon the endorsement of the Board of Supervisors.

As part of the NVTA 70% application process, several project segments were combined into one project, including Dulles West Boulevard (including the two segments from Dulles Landing to Hutchison Farm Drive and Hutchinson Farm Drive to Arcola Boulevard into one project) and Evergreen Mills Road (including the two segments from Northstar Boulevard to Belmont Ridge Road and Belmont Ridge Road to Stone Springs Boulevard, as well as the two segments from Stone Springs Boulevard to Arcola Boulevard and from Arcola Boulevard to Loudoun County Parkway).

On April 18, 2018, the Virginia General Assembly approved House Bill 1539 (effective July 1, 2018), which re-allocates a portion of the revenues generated in the County for NVTA local and regional funding to WMATA for the Commonwealth's share of Metro contributions. This re-allocation will result in less revenues available to NVTA jurisdictions for transportation projects beginning in fiscal year 2019.

Given the significant amount of NVTA 70% regional funding assumed in the FY 2019 Adopted CIP and the competitive process for obtaining funding awards, there is a significant risk of funding shortfalls in the event that actual funding awards are less than currently projected. Staff anticipates that NVTA funding decisions will not be finalized until the summer of 2018, after the FY 2019 CIP is adopted by the Board of Supervisors.

In the event that the County is awarded less than the funding amounts assumed in the FY 2019 Adopted CIP for any specific project, the project funding schedule will require amendments and potential re-prioritization.



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Smart Scale

The Smart Scale process was established in 2015 under Commonwealth House Bill 2 to provide a standardized process for evaluating, ranking, and funding transportation projects. The Commonwealth Transportation Board (CTB) approved the current round of Smart Scale funding through its Six-Year Improvement Plan (SYIP) covering FY 2018 – FY 2023, adopted in June 2017. The County has been advised by the CTB to assume Smart Scale awards as federal funds and projects are subject to federal rules and regulations, such as federal environmental impact reviews.

For Loudoun County’s projects, the majority of Smart Scale funding has been awarded in future fiscal years of the CIP. The actual award amounts are incorporated into the FY 2019 – FY 2024 period as follows:

Project	Smart Scale Awards
Arcola Boulevard – Route 50 to Route 606 (Old Ox Road)	\$27,286,000
Route 7 / Route 287 Interchange	\$11,391,000
Route 7 / Route 690 (Hillsboro Road) Interchange	\$9,565,000
Waxpool Road / Loudoun County Parkway Intersection	\$277,000
Westwind Drive – State Street to Ladbrook Drive	\$19,821,000
Transit Bus Acquisition	\$7,200,000
Western Loudoun Park and Ride Lot	\$3,783,000

As part of the Smart Scale scoring and funding process, the two segments of Arcola Boulevard, Route 50 to Dulles West Boulevard and Dulles West Boulevard to Route 606, were combined into a single project: Route 50 to Route 606 (Old Ox Road).

For most projects with Smart Scale funding, the awards are programmed for construction funding. To date, the County has been advised by VDOT to accelerate \$2.0 million in Smart Scale funds from FY 2022 to FY 2019 to begin the design of the Route 7 / Route 287 Interchange project. The County will continue to coordinate with VDOT to evaluate the acceleration of additional Smart Scale funding in order to avoid delays in the construction of projects.

State Revenue Sharing Program

The State Revenue Sharing program is a 50/50 matching funds program administered by the Commonwealth Transportation Board (CTB) to provide additional funding for use by a county, city, or town to construct, maintain, or improve the highway system. The County can apply for up to \$5 million in State Revenue Sharing funds annually and must supply at least 50 percent matching funds to the project. The County has typically used a mix of local tax funding, NVTA 30% local funds, and cash proffers to provide the matching funds.

Prior to FY 2018, the Revenue Sharing program provided annual funding of \$10 million to local jurisdictions. Policy changes starting in FY 2018 reduced annual funding to \$5 million per year, with the maximum allocation per project being \$10 million (over the life of the project). Current CTB policy prioritizes new funding for projects that have previously received Revenue Sharing funds; in addition, funds must be spent within one year of the award date or are subject to being refunded to the state.

The FY 2019 Adopted CIP assumes the following projects to receive for the \$5 million in annual State Revenue Sharing Funding in FY 2019 – FY 2024 for a total of \$30 million over the six-year period:



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Project	Revenue Sharing Funding Request
Belmont Ridge Road – Truro Parish Drive to Croson Lane	\$5,000,000
Northstar Boulevard – Route 50 to Tall Cedars Parkway	\$5,000,000
Farmwell Road Intersection Improvements	\$5,000,000
Arcola Boulevard - Route 50 to Old Ox Road	\$5,000,000
Shellhorn Road – Loudoun County Parkway to Randolph Drive	\$5,000,000
Croson Lane – Claiborne Parkway to Old Ryan Road	\$5,000,000

In October 2017, the County submitted its applications for Belmont Ridge Road and Northstar Boulevard. Applications for future projects (FY 2021 and after) are based on the current estimated construction award date. Projects for future Revenue Sharing applications (beyond FY 2020) are contingent upon the endorsement of the Board of Supervisors.

In the event that the County is awarded less than the funding amounts assumed in the FY 2019 Adopted CIP for any specific project, the project funding schedule will require amendments and potential re-prioritization.

Metro Capital Contribution

In November of 2017, WMATA released its FY 2019 Capital Improvement Program that updates Loudoun County’s share of capital funding for Metrorail/Silver Line Phase 2 service to a total of \$128.4 million during the FY 2019 – FY 2024 period, with the first year of funding in FY 2020 for \$16.4 million.

For the FY 2019 Adopted CIP, a total of \$83.0 million of NVTA 30% local funds and \$45.4 million of local tax funds is allocated for the Metro Capital Contribution. Beginning in FY 2021, the Adopted CIP anticipates that the entirety of the County’s NVTA 30% local funding will be allocated to WMATA, with supplemental funding provided through local tax funds. These funding levels are subject to revision and will be updated as forecasts for the County’s share of NVTA 30% funds are updated through future CIP processes or as other financial resources are available.

The full allocation of NVTA 30% local funds to WMATA starting in FY 2021 will reduce the availability of this source of funds for other transportation projects in the CIP. Staff allocated other sources of funding (including external funding) to continue prioritization of the County’s non-transit transportation projects in the CIP.

Unlike the operating contribution to Metro, which begins before actual operation of the Silver Line begins in the County, the capital contribution payment does not begin until after operational service of the Silver Line commences in the County. Operational service of the Silver Line is not anticipated to begin until first quarter 2020.



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Board Member Requests for Accelerated and New Projects

Table 3 provides a summary of Board Member requests for accelerated and new projects:

Table 3: Accelerated and New Projects

Acceleration Requests	Estimate
Arcola Boulevard (Route 50 to Route 606)	\$63,509,000
Braddock Road Widening (Route 659 to Royal Hunter Drive)	\$6,095,000
Croson Lane Widening (Claiborne Parkway to Old Ryan Road)	\$20,900,000
Dulles West Boulevard (Hutchinson Farm to Arcola Boulevard)	\$9,114,000
Evergreen Mills Road Realignments (Reservoir Road and Watson Road)	\$14,000,000
Route 15 Bypass to Montresor Road	\$78,933,000
Westwind Drive (State Street to Ladbrook Road)	\$51,301,000
SUB TOTAL:	\$243,852,000
New Project Requests	Estimate
Belmont Ridge Road and Legacy Park Drive - Traffic Signal	\$1,000,000
Braddock Road and Trailhead Drive - Roundabout	\$11,495,000
Loudoun County Parkway Shared-Use Path (Riding Center Drive to Arcola Road)	\$8,435,000
Loudoun County Parkway Widening (Ryan Road to Shellhorn Road)	\$22,190,000
Route 7 Pedestrian Improvements	\$7,055,000
Route 15 and Braddock Road - Roundabout	\$11,495,000
Route 50 Corridor Improvements	\$6,770,000
Route 50 North Collector Road (Air & Space Museum Parkway to Route 50)	\$92,710,000
Route 50 North Collector Road (Tall Cedars Parkway to Loudoun County Parkway)	\$77,380,000
Route 50 and Trailhead Drive - Roundabout	\$10,000,000
Ryan Road and Olympia Drive - Traffic Signal	\$1,000,000
Ryan Road Widening (Evergreen Mills Road to Northstar Boulevard)	\$20,980,000
Western Loudoun Recreation Center	\$103,575,000
SUB TOTAL:	\$374,085,000
TOTAL: \$617,937,000	

The following active projects are accelerated:

- Arcola Boulevard (Dulles West Boulevard to Route 606): This segment of Arcola Boulevard is combined with the Route 50 to Dulles West Boulevard segment as part of the Smart Scale application and funding process. The project will begin design in FY 2019 with construction anticipated to start in FY 2023; the segment from Route 50 to Dulles West Boulevard is prioritized to begin design and construction ahead of the segment from Dulles West Boulevard to Route 606.
- Braddock Road (Route 659 to Royal Hunter Drive): This project is accelerated by two years, with design beginning in FY 2020 and construction beginning in FY 2022.
- Croson Lane Widening (Claiborne Parkway to Old Ryan Road): This project is accelerated by one year, with design beginning in FY 2021. Construction remains scheduled to begin in FY 2024 based on the current phasing schedule.
- Dulles West Boulevard (Hutchinson Farm to Arcola Boulevard): This segment of Dulles West Boulevard is combined with the Dulles Landing Drive to Hutchinson Farm segment as part of the NVTA 70% funding application. The project will begin design in FY 2019 with construction anticipated to start in FY 2022, contingent upon award of NVTA 70% funding. The segment from Dulles Landing Drive to Hutchinson Farm



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is prioritized to begin design and construction ahead of the segment from Hutchinson Farm to Arcola Boulevard.

- Evergreen Mills Road Realignment (Reservoir Road and Watson Road): Design is accelerated from FY 2022 to FY 2019, with construction accelerated from FY 2023 to FY 2021, contingent upon award of NVTA 70% funding.
- Route 15 Bypass to Montresor Road: Design is accelerated from FY 2023 to FY 2019, with construction accelerated from FY 2027 to FY 2023. The construction start date is contingent upon award of NVTA 70% funding.
- Westwind Drive (State Street to Ladbrook Drive): Design remains scheduled for FY 2019, with construction anticipated to begin in FY 2023 based on the current phasing schedule.

The following new projects are included in the Adopted CIP:

- Belmont Ridge Road and Legacy Park Drive – Traffic Signal: Design funding is provided for in FY 2024, with construction programmed beyond FY 2024.
- Braddock Road and Trailhead Drive – Roundabout: Design funding is programmed in FY 2024, with construction programmed beyond FY 2024.
- Loudoun County Parkway Shared-Use Path (Riding Center to Arcola): Design and construction funding for this project is allocated beyond FY 2024.
- Loudoun County Parkway Widening (Ryan Road to Shellhorn Road): Design funding is allocated in FY 2024, with construction programmed beyond FY 2024.
- Route 7 Pedestrian Crossings: Design funding and construction is programmed in FY 2019 for improvements to three intersections along Route 7, at Bartholomew Fair Drive, Potomac View Drive, and Lakeland Drive. Funding for the completion of missing sidewalk links is planned for in FY 2021 through FY 2023.
- Route 15 and Braddock Road – Roundabout: Design funding is allocated in FY 2024, with construction programmed beyond FY 2024.
- Route 50 Corridor Improvements: Design funding is allocated in FY 2019 with construction scheduled for FY 2020. The project includes Tier 1 and Tier 2 improvements along the Route 50 Corridor in the Dulles area.
- Route 50 and Trailhead Drive – Roundabout: Design funding is allocated in FY 2022, with construction programmed in FY 2024.
- Route 50 North Collector Road (Air & Space to Route 50): Design funding is allocated in FY 2022, with construction programmed beyond FY 2024.
- Route 50 North Collector Road (Tall Cedars to Loudoun County Parkway): Design and construction funding is programmed in a future fiscal year.
- Ryan Road and Olympia Drive – Traffic Signal: Design funding is allocated in FY 2024, with construction programmed beyond FY 2024.
- Ryan Road Widening (Evergreen Mills to Northstar): Design funding is allocated in FY 2024, with construction programmed beyond FY 2024.
- Western Loudoun Recreation Center: Design and construction funding for this project is programmed beyond FY 2024. A site has not yet been identified for this facility but will be located in the Route 7 West planning subarea, as identified in the Adopted FY 2021 – 2030 Capital Needs Assessment.



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Additional New Projects

Additional new projects requested by departments include:

- Public Safety – E-911 Phone Switch Replacement: The current E-911 phone switch was installed in 2015 and is scheduled for replacement in FY 2022.
- Public Safety – Handheld Radio Replacements: The County’s current inventory of public safety handheld mobile radios is scheduled for replacement in FY 2022.
- Public Safety – School Radio Coverage: An initial Phase I coverage study is funded in FY 2019. Based on the study’s results, additional funding will be requested in a future CIP to fund the expansion of radio coverage at school locations.
- Public Safety – Tower Coverage Expansion: Installation of radio equipment at County-leased tower sites is included in FY 2019 to expand public safety radio coverage in the South Riding area. Additional funding may be requested in a future CIP based on future needs assessments.
- Intelligent Transportation System: A pilot program to deploy cameras and network equipment is funded in FY 2019. Additional funding is included in FY 2024 to continue and expand the program based on results from the initial deployment.
- Seneca Ridge Drive Improvements (South Cottage Road to Augusta Drive): Construction of improvements is included in FY 2019. Design was previously funded in the CIP.
- Route 28 Northbound (Dulles Toll Road to Sterling Boulevard): Construction funding is programmed in FY 2019, contingent upon award of NVTAA 70% funding.
- Intersection Improvements: Design and construction of up to five traffic signals and one roundabout per year is included starting in FY 2019. The program will address the highest-priority intersections identified by a study completed in FY 2018.
- Sidewalk and Trail Program: Design and construction of three miles of sidewalks and trails per year is included beginning in FY 2022.

Deferred, Removed or Reprogrammed Projects

The following projects in the FY 2019 Adopted CIP are deferred, removed or reprogrammed:

- Howardsville Water System: \$1,200,000 was previously programmed in FY 2019 for the construction of this project. The County will provide funding for this project through the Water/Wastewater Fund.
- Adolescent Independent Living Residence: Design and construction of this project was previously programmed for in FY 2023. Based on available capacity in existing and future group home projects, this project was deferred beyond FY 2024.
- Atlantic Boulevard Pedestrian Improvements: Funding for this project is re-allocated to the Route 7 Pedestrian Improvements project.
- Route 50 and Everfield Drive Roundabout: Design of this project is deferred from FY 2022 to FY 2024.

Town CIP Requests

Each year, the County solicits capital project funding requests from Towns within the County for facilities: 1) owned by, or located within, the Town but operated by the County; or 2) for local pedestrian/transportation related improvements that benefit the County.

The FY 2019 Adopted CIP incorporates Town CIP requests received for FY 2019 funding. The following Town projects are programmed in the FY 2019 Adopted CIP:

- Town of Hillsboro – Old Stone School/Town Hall: \$243,200 is programmed in FY 2019 to complete renovations for this facility, including roof and window replacements, upgrades to the auditorium sound system, and interior lighting and painting work, among other renovations. This project received \$80,000 in



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FY 2018 to install a heating and cooling system, roof repairs, and provide handicap-accessible restroom facilities.

- Town of Hillsboro – Traffic Calming and Pedestrian Safety: On behalf of the Town, the County requested \$12,112,000 in NVTA 70% funding in FY 2019 for this project to construct traffic calming (roundabouts) on Route 9 and other pedestrian safety measures, as well as the undergrounding of utilities and installation of storm water facilities. This project previously received \$4,800,000 in FY 2018 for design.
- Town of Leesburg – Tuscarora Creek Trail: \$1,800,000 is provided for in FY 2019 to fund the design and construction of a 10-foot wide, 1,600 linear foot multi-use trail. The trail provides access to Douglass School and Community Center, Frederick Douglass Elementary School, the WO&D Trail, Brandon Park, and Catoctin Skate Park. The funding source is NVTA 30% local funds.
- Town of Leesburg – Evergreen Mill Road Widening: \$4,200,000 is programmed in FY 2019 and \$1,800,000 is programmed in FY 2021 for the construction of this segment of Evergreen Mills Road from Heritage High School to Route 15 (South King Street). The project will reduce congestion and improve safety along this major collector road. The funding source is NVTA 30% local funds (in FY 2019) and local tax funding (in FY 2021). The total cost of this project is \$16,000,000 with additional funding from VDOT (Revenue Sharing), the Town's allocation of NVTA 30% local funding, and the Town's general obligation bonds and general fund.
- Town of Lovettsville – Broadway Streetscapes Phase 2A: \$180,000 is allocated in FY 2019 to fund the completion of design for this project. \$150,000 was provided by the County in FY 2018 and an additional \$700,000 is planned for FY 2020 to fund construction of this project. The project provides sidewalk and pedestrian access to several County facilities, including Lovettsville Library and the Lovettsville Community Center.
- Town of Purcellville – Pedestrian Linkages: \$210,000 is provided for in FY 2019 to design and construct a pedestrian pathway to Loudoun Valley High School (from the end of Sutton Drive) and to complete sidewalk segments along South 32nd Street (from West Main Street to the Ball property).
- Town of Round Hill – Sleeter Lake Park: \$185,000 is programmed in FY 2019 to install an accessible canoe and kayak launch, non-mulch accessible pathways, an accessible lake and wildlife viewing area, an outdoor classroom and pole barn picnic shelter, and to secure and stabilize several structures at this Town-owned, County-operated park.
- Town of Hamilton – Community Park: \$50,000 is programmed in FY 2019 for the installation of new playground equipment.



FY 2019 – FY 2024 CIP FUNDING BY PROGRAMMATIC CATEGORY

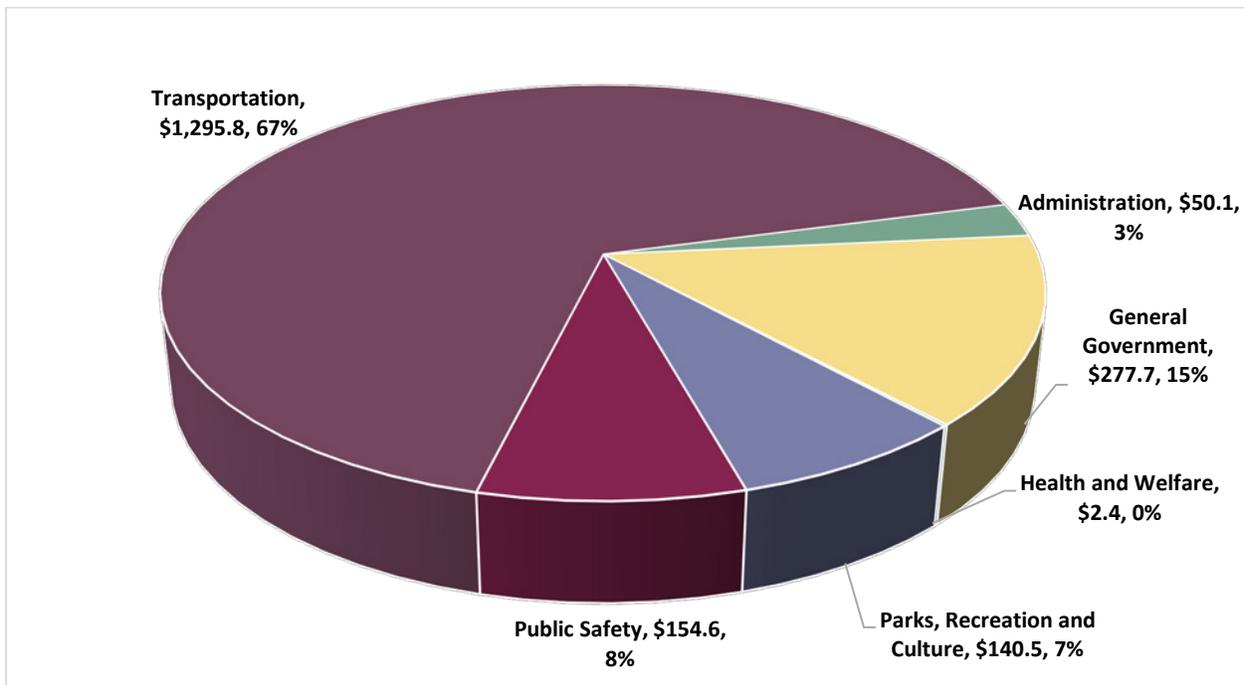
The FY 2019 Adopted CIP starts a new biennium for the six-year CIP planning period. The six-year timeframe rolls out an additional two years, changing from FY 2017 – FY 2022 to FY 2019 – FY 2024.

New project requests are eligible to be added to the six-year CIP timeframe if they can be accommodated using available financial resources and represent high priorities that need to be addressed in the six-year CIP timeframe. Typically, new projects are included in the later years of the six-year period unless otherwise prioritized.

Projects in FY 2019 are approved for funding appropriations. Projects from FY 2020 – FY 2024 are considered for planned funding appropriations in subsequent CIP budgets.

The following graphs and tables provide an overview of funding in each programmatic category of the FY 2019 – FY 2024 Adopted CIP budget.

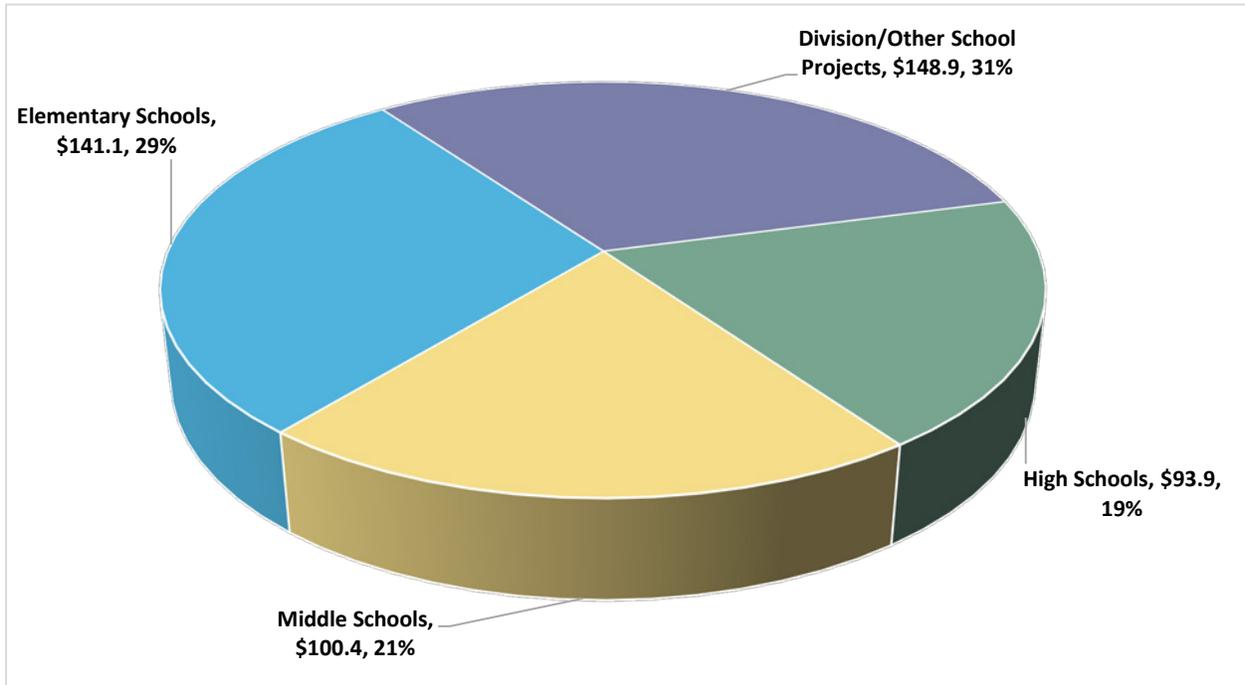
Graph 3: Amount (\$000s) and Percentage of County Project Expenditures by Function





Summary of School Capital Projects

Graph 4: Amount (\$000s) and Percentage of School Project Expenditures by Type





Total Funding in the Six-Year CIP

Local Tax Funding – The Board of Supervisors’ fiscal policy establishes a goal of 10% "pay-as-you-go" cash funding in the CIP. This 10% cash funding can be comprised of local tax funding, which denotes monies from the General Fund from budgeted tax revenues, or the use of the prior fiscal year’s fund balance for one-time expenditures in the Capital Fund. The CIP includes \$394,902,347 in local tax funding and use of fund balance, or 16 percent of total CIP revenues.

Revenue Source	Amount
Local Tax Funding	\$285,766,347
\$0.02 of Tax Rate for Roads	\$109,136,000
Fund Balance	\$0
Total Local Tax Funding:	\$394,902,347

Debt Financing – The CIP relies on \$1,288,805,000 in debt financing to fund projects in the six-year capital plan, or 54 percent of total CIP funding sources. Projects requiring general obligation bond financing are included on the November ballot as referendum questions during the election before the bond financing is required. Without voter approval, the general obligation bond financing is not available for capital projects. The County utilizes other debt financing instruments for capital projects that do not require voter approval. Projects with the ability to charge user fees can use revenue bonds as a financing source, where the user fees help offset the principal and interest costs of the debt used to construct the facility. Virginia Public School Authority (VPSA) bonds, which do not require voter approval, are also included in the total amount of general obligation bond financing.

Revenue Source	Amount
General Obligation Bond Financing	\$992,699,000
Lease Revenue Financing	\$296,106,000
Total Debt Financing:	\$1,288,805,000

Intergovernmental Assistance – The CIP includes \$168,942,703 in intergovernmental funds, mostly in the form of State Capital Assistance, Smart Scale, State Revenue Sharing funds, or federal pass-through grants for transportation and transit projects from the Commonwealth of Virginia’s Department of Transportation (VDOT). Intergovernmental Assistance provides for approximately seven percent of total CIP funding sources.

Revenue Source	Amount
State Capital Assistance	\$1,000,000
Smart Scale	\$79,323,000
State Revenue Sharing	\$30,000,000
Congestion Mitigation and Air Quality Grants (CMAQ)	\$16,760,703
Regional Surface Transportation Plan Grants (RSTP)	\$41,859,000
Total Intergovernmental Assistance:	\$168,942,703



User Fees – The CIP utilizes \$4,409,488 in user fees to help offset capital project costs. The fees are typically related to revenues generated from the Transit Bus system fares that are used to match State Capital Assistance grants for transit bus acquisitions, and fees collected at the County landfill to pay debt service on debt issued for landfill cell development and/or closures, or to acquire capital vehicles in support of landfill operations.

Revenue Source	Amount
Transit Bus Fee Revenue	\$2,075,810
Landfill Fee Revenue	\$2,333,678
User Fees:	\$4,409,488

Northern Virginia Transportation Authority (NVTA) Funding – The State passed HB 2313, which raised taxes in Northern Virginia in three main categories - sales tax, grantor’s tax on home sales, and hotel taxes on overnight stays - in order to accumulate funds for regional road projects. The six-year CIP includes approximately \$533,146,157 in revenues to be applied towards transportation projects in the County that reduce traffic congestion. The revenues are split 70% as regional funds, which are allocated at the discretion of NVTA towards regional road projects, and 30% local funds to be used at the discretion of the County for local road or transit projects within the County. A portion of the County’s 30% local funds are allocated to the Towns of Leesburg and Purcellville based upon the estimated percentage of revenues generated within the Towns. NVTA funding represents 22 percent of total CIP funding sources.

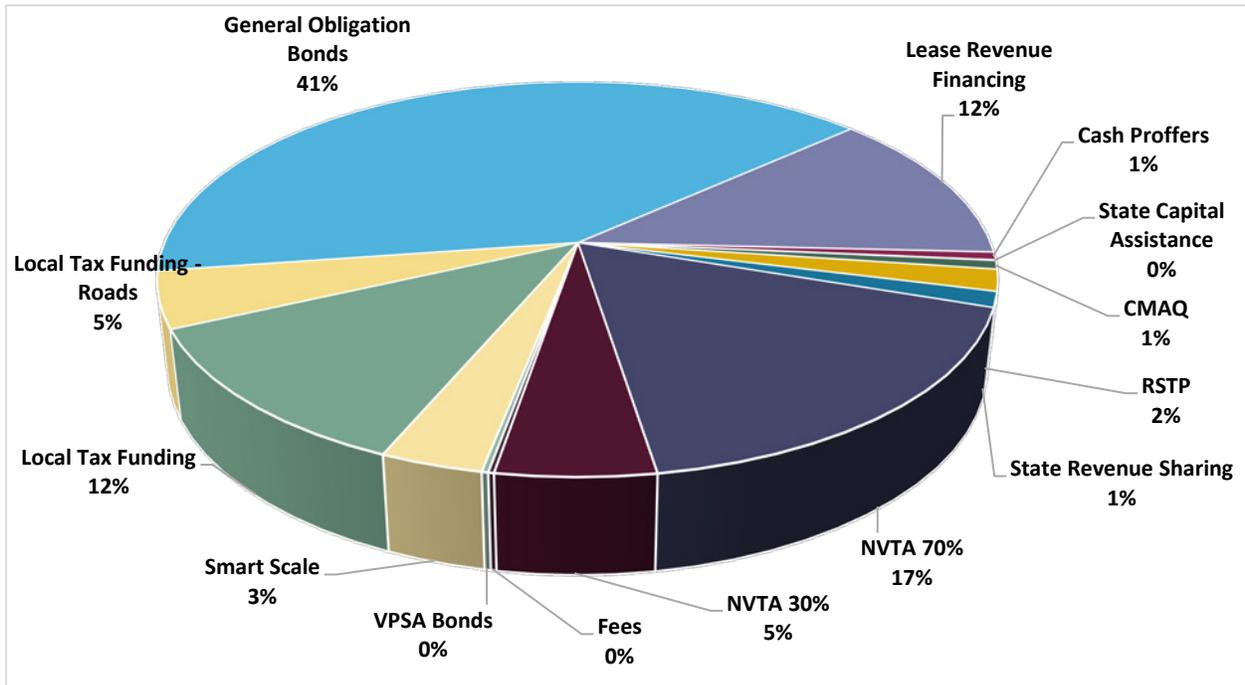
Revenue Source	Amount
NVTA 70% Regional Funds	\$410,645,000
NVTA 30% Local Funds – County	\$103,451,125
NVTA 30% Local Funds – Town of Leesburg	\$15,848,811
NVTA 30% Local Funds – Town of Purcellville	\$3,201,221
Total NVTA Funding:	\$533,146,157

Developer Contributions (Proffers) - The CIP utilizes \$15,220,989 in cash proffers during the six-year capital plan. Proffers typically consist of cash, dedicated land, and/or in-kind services that are voluntarily granted to the County by the development community to partially offset the future capital facility costs associated with new development. Proffer contributions are typically gained from rezonings (e.g., a change of land use permitting higher residential densities). This change in development of land may result in land use patterns that generate significant capital facility costs to the County. A detailed description of these proffer related expenditures is provided in the Public Facilities Fund section of the Other Funds section of the FY 2019 Adopted Budget.

Revenue Source	Amount
Cash Proffers	\$15,220,989
Developer Contributions Funding:	\$15,220,989



Graph 5: Sources of Funding in the CIP







Capital Improvement Program Summary
Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
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Capital Improvement Program Summary

Budgetary Cost

General Capital Projects Fund

Administration	313,317	6,480	2,800	7,990	-	23,680	9,115	50,065	5,475	368,857
General Government	160,014	26,833	32,643	25,186	20,308	36,521	136,258	277,749	103,899	541,661
Health and Welfare	-	-	-	2,375	-	-	-	2,375	6,646	9,021
Parks, Recreation and Culture	158,698	16,915	9,839	41,910	71,935	-	-	140,599	103,575	402,872
Public Safety	145,838	23,950	17,350	29,483	33,318	30,397	20,088	154,586	14,987	315,411
Transportation	216,663	142,271	155,449	161,806	243,427	343,665	249,138	1,295,755	1,115,869	2,628,287
General Capital Projects Total	994,530	216,448	218,081	268,750	368,988	434,262	414,599	1,921,129	1,350,451	4,266,110

School Capital Projects Fund

Elementary Schools	-	10,210	84,750	12,415	-	2,815	30,880	141,070	596,170	737,240
Middle Schools	-	-	-	-	11,585	88,775	-	100,360	250,260	350,620
High Schools	122,302	14,765	61,364	-	335	13,655	3,770	93,889	280,665	496,856
Other School Projects	5,265	22,700	21,109	17,940	31,720	14,085	41,425	148,979	72,555	226,799
School Capital Projects Total	127,567	47,675	167,223	30,355	43,640	119,330	76,075	484,298	1,199,650	1,811,515

Budgetary Cost	1,122,097	264,123	385,304	299,105	412,628	553,592	490,674	2,405,427	2,550,101	6,077,625
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Funding Source

Local Tax Funding	256,897	51,247	45,938	48,283	37,550	57,332	45,417	285,767	152,233	694,896
Local Tax Funding - Roads	19,681	16,400	17,138	17,860	18,565	19,253	19,920	109,136	9,600	138,417
Fund Balance	94,144	-	-	-	-	-	-	-	-	94,144
General Obligation Bonds	295,762	73,983	207,878	107,695	189,037	248,916	160,205	987,714	2,189,117	3,472,593
Lease Revenue Financing	177,847	38,484	26,040	53,495	20,015	33,190	124,882	296,106	54,959	528,912
Proffers (Cash)	92,511	8,031	4,483	-	2,707	-	-	15,221	-	107,732
State Capital Assistance	23,663	500	500	-	-	-	-	1,000	-	24,663
CMAQ	9,538	3,441	-	-	5,400	3,960	3,960	16,761	-	26,299
RSTP	5,601	3,077	9,669	11,313	4,500	5,800	7,500	41,859	-	47,460
State Revenue Sharing	15,450	5,000	5,000	5,000	5,000	5,000	5,000	30,000	-	45,450
NVTA 70% Regional	29,860	38,212	47,492	31,000	72,974	120,092	100,875	410,645	52,548	493,053
NVTA 30% Local	37,344	18,788	19,590	20,154	20,736	21,318	21,915	122,501	87,644	247,489
Fees	4,462	2,334	76	-	-	1,000	1,000	4,409	4,000	12,871
Local Gasoline Tax	1,244	-	-	-	-	-	-	-	-	1,244
In Kind Proffers	51,409	-	-	-	-	-	-	-	-	51,409
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
VPSA Bonds	-	-	-	-	-	4,985	-	4,985	-	4,985
Smart Scale	1,685	4,627	1,500	4,305	36,144	32,747	-	79,323	-	81,008
Total Funding Source	1,122,097	264,123	385,304	299,105	412,628	553,592	490,674	2,405,427	2,550,101	6,077,625



Capital Improvement Program Summary
Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
General Capital Projects Fund											
Budgetary Cost											
Administration		313,317	6,480	2,800	7,990	-	23,680	9,115	50,065	5,475	368,857
General Government		160,014	26,833	32,643	25,186	20,308	36,521	136,258	277,749	103,899	541,661
Health and Welfare		-	-	-	2,375	-	-	-	2,375	6,646	9,021
Parks, Recreation and Culture		158,698	16,915	9,839	41,910	71,935	-	-	140,599	103,575	402,872
Public Safety		145,838	23,950	17,350	29,483	33,318	30,397	20,088	154,586	14,987	315,411
Transportation		216,663	142,271	155,449	161,806	243,427	343,665	249,138	1,295,755	1,115,869	2,628,287
Budgetary Cost		994,530	216,448	218,081	268,750	368,988	434,262	414,599	1,921,129	1,350,451	4,266,110
Funding Source											
Local Tax Funding		244,332	40,497	34,573	45,588	37,215	54,127	45,417	257,417	152,233	653,981
Local Tax Funding - Roads		19,681	16,400	17,138	17,860	18,565	19,253	19,920	109,136	9,600	138,417
Fund Balance		94,144	-	-	-	-	-	-	-	-	94,144
General Obligation Bonds		182,510	40,860	60,420	93,055	153,947	145,221	93,105	586,608	1,027,652	1,796,770
Lease Revenue Financing		177,847	34,682	17,640	40,475	11,800	20,760	115,907	241,264	16,774	435,885
Proffers (Cash)		90,761	8,031	4,483	-	2,707	-	-	15,221	-	105,982
State Capital Assistance		23,663	500	500	-	-	-	-	1,000	-	24,663
CMAQ		9,538	3,441	-	-	5,400	3,960	3,960	16,761	-	26,299
RSTP		5,601	3,077	9,669	11,313	4,500	5,800	7,500	41,859	-	47,460
State Revenue Sharing		15,450	5,000	5,000	5,000	5,000	5,000	5,000	30,000	-	45,450
NVTA 70% Regional		29,860	38,212	47,492	31,000	72,974	120,092	100,875	410,645	52,548	493,053
NVTA 30% Local		37,344	18,788	19,590	20,154	20,736	21,318	21,915	122,501	87,644	247,489
Fees		4,462	2,334	76	-	-	1,000	1,000	4,409	4,000	12,871
Local Gasoline Tax		1,244	-	-	-	-	-	-	-	-	1,244
In Kind Proffers		51,409	-	-	-	-	-	-	-	-	51,409
Proceeds from Land Sale		5,000	-	-	-	-	-	-	-	-	5,000
VPSA Bonds		-	-	-	-	-	4,985	-	4,985	-	4,985
Smart Scale		1,685	4,627	1,500	4,305	36,144	32,747	-	79,323	-	81,008
Total Funding Source		994,530	216,448	218,081	268,750	368,988	434,262	414,599	1,921,129	1,350,451	4,266,110



**Capital Improvement Program by Functional Area
Schedule of Appropriations**

Capital	(\$ in 1,000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
Administration											
Projects											
Land Acquisition Fund		248,317	1,480	1,500	7,990	-	23,680	9,115	43,765	5,475	297,557
Major Computer Systems		65,000	5,000	1,300	-	-	-	-	6,300	-	71,300
	Budgetary Cost	313,317	6,480	2,800	7,990	-	23,680	9,115	50,065	5,475	368,857
Funding Source											
Local Tax Funding		96,316	1,480	1,500	7,990	-	18,695	9,115	38,780	5,475	140,571
Fund Balance		76,934	-	-	-	-	-	-	-	-	76,934
General Obligation Bonds		52,475	-	-	-	-	-	-	-	-	52,475
Lease Revenue Financing		29,730	5,000	1,300	-	-	-	-	6,300	-	36,030
Proffers (Cash)		1,855	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)		51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance		4,598	-	-	-	-	-	-	-	-	4,598
Fees		-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax		-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale		-	-	-	-	-	-	-	-	-	-
VPSA Bonds		-	-	-	-	-	4,985	-	4,985	-	4,985
	Total Funding Source	313,317	6,480	2,800	7,990	-	23,680	9,115	50,065	5,475	368,857

**Capital Improvement Program by Functional Area
Schedule of Appropriations**

Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
Health and Welfare											
Projects											
Adolescent Independent Living Residence		-	-	-	-	-	-	-	-	6,646	6,646
DS Group Residence - Eastern Loudoun		-	-	-	2,375	-	-	-	2,375	-	2,375
	Budgetary Cost	-	-	-	2,375	-	-	-	2,375	6,646	9,021
Funding Source											
Lease Revenue Financing		-	-	-	2,375	-	-	-	2,375	6,646	9,021
	Total Funding Source	-	-	-	2,375	-	-	-	2,375	6,646	9,021



Capital Improvement Program by Functional Area
Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
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General Government

Projects

Capital Project Management		73,072	10,896	11,133	8,376	8,628	8,887	9,153	57,073	39,442	169,586
CIP Contingency		11,900	2,450	2,500	2,500	2,500	2,500	2,500	14,950	10,000	36,850
Consolidated Shops & Warehouse		31,200	-	4,000	3,500	-	-	-	7,500	-	38,700
Eastern Service Center		-	-	-	-	-	-	17,250	17,250	-	17,250
General Office Space - Sycolin Rd Phase I		-	-	-	-	-	15,565	97,380	112,945	10,128	123,073
Landfill Debt Service		4,462	2,334	-	-	-	-	-	2,334	-	6,796
Landfill Sequence IA Cap & Closure		-	-	1,500	-	-	-	-	1,500	-	1,500
Landfill Sequence V Closure		-	1,350	5,060	-	-	-	-	6,410	-	6,410
Public Safety Radio System Master/Prime Site		1,625	1,450	-	-	-	-	-	1,450	-	3,075
Storm Water Management		33,025	5,860	6,150	6,460	6,780	7,119	7,475	39,844	33,829	106,698
Town of Hillsboro - Old Stone School/Town Hall		80	243	-	-	-	-	-	243	-	323
Waterford Space Renovation		-	-	-	2,000	-	-	-	2,000	-	2,000
Water/Wastewater Fund		4,650	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	29,400
Budgetary Cost		160,014	26,833	32,643	25,186	20,308	36,521	136,258	277,749	103,899	541,661

Funding Source

Local Tax Funding		130,772	21,456	22,083	19,686	20,308	20,956	21,628	126,117	93,771	350,659
Fund Balance		3,700	-	-	-	-	-	-	-	-	3,700
Lease Revenue Financing		21,000	2,800	10,560	5,500	-	15,565	114,630	149,055	10,128	180,183
Proffers (Cash)		80	243	-	-	-	-	-	243	-	323
Fees		4,462	2,334	-	-	-	-	-	2,334	-	6,795
Total Funding Source		160,014	26,833	32,643	25,186	20,308	36,521	136,258	277,749	103,899	541,661



**Capital Improvement Program by Functional Area
Schedule of Appropriations**

Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
Parks, Recreation and Culture											
Projects											
Ashburn Recreation and Community Center		70,930	-	-	15,000	-	-	-	15,000	-	85,930
Ashburn Senior Center		8,285	1,200	-	-	-	-	-	1,200	-	9,485
Bolen Park Phase II		500	-	-	6,725	-	-	-	6,725	-	7,225
Brambleton Library		-	680	9,839	-	-	-	-	10,519	-	10,519
Fields Farm Park		1,860	-	-	3,350	25,835	-	-	29,185	-	31,045
Franklin Park to Purcellville Trail		520	-	-	-	5,000	-	-	5,000	-	5,520
Hal and Berni Hanson Regional Park		76,365	14,800	-	-	-	-	-	14,800	-	91,165
Lovettsville District Park Phase II		-	-	-	4,680	-	-	-	4,680	-	4,680
Scott Jenkins Park Phase III		-	-	-	2,255	-	-	-	2,255	-	2,255
STEM Library		-	-	-	5,900	41,100	-	-	47,000	-	47,000
Town of Hamilton - Hamilton Community Park		-	50	-	-	-	-	-	50	-	50
Town of Leesburg - Veteran's Park		-	-	-	4,000	-	-	-	4,000	-	4,000
Town of Round Hill - Sleeter Lake Park		238	185	-	-	-	-	-	185	-	423
Western Loudoun Recreation Center		-	-	-	-	-	-	-	-	103,575	103,575
Budgetary Cost		158,698	16,915	9,839	41,910	71,935	-	-	140,599	103,575	402,872
Funding Source											
Local Tax Funding		1,110	50	-	5,050	-	-	-	5,100	-	6,210
Fund Balance		1,860	-	-	-	-	-	-	-	-	1,860
General Obligation Bonds		72,865	-	-	21,860	71,935	-	-	93,795	103,575	270,235
Lease Revenue Financing		-	9,577	5,780	15,000	-	-	-	30,357	-	30,357
Proffers (Cash)		77,864	7,288	4,059	-	-	-	-	11,347	-	89,211
Proceeds from Land Sale		5,000	-	-	-	-	-	-	-	-	5,000
Total Funding Source		158,699	16,915	9,839	41,910	71,935	-	-	140,599	103,575	402,873



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
Public Safety											
Projects											
Animal Services Facility		15,495	2,400	-	-	-	-	-	2,400	-	17,895
Courts Complex Phase III		79,410	10,000	-	17,600	-	-	-	27,600	-	107,010
Fire and Rescue Capital Apparatus		36,073	3,000	3,090	3,183	3,278	3,377	3,478	19,406	14,987	70,466
Fire and Rescue Training Academy Expansion		-	750	-	6,500	-	-	-	7,250	-	7,250
Fire and Rescue Training Tower		-	-	500	-	-	-	-	500	-	500
Fire and Rescue Vehicle Annex		-	-	-	-	640	5,700	-	6,340	-	6,340
Juvenile Detention Center Phase II		-	-	-	-	-	5,195	-	5,195	-	5,195
Public Safety - E-911 Phone Switch Replacement		-	-	-	-	2,300	-	-	2,300	-	2,300
Public Safety - Handheld Radio Replacements		-	-	-	-	9,500	-	-	9,500	-	9,500
Public Safety - Radio Tower Coverage Sites		-	1,400	-	-	-	-	-	1,400	-	1,400
Public Safety - School Emergency Radio Coverage		-	500	-	-	-	-	-	500	-	500
Station #04 - Round Hill Station Replacement		-	1,900	13,760	-	-	-	-	15,660	-	15,660
Station #07 - Aldie Station Replacement		14,860	4,000	-	-	-	-	-	4,000	-	18,860
Station #08 - Philomont Station Replacement		-	-	-	-	2,200	13,725	-	15,925	-	15,925
Station #28 - Leesburg South Station		-	-	-	2,200	15,400	-	-	17,600	-	17,600
Station #29 - Old Ox Road (Route 606) Station		-	-	-	-	-	2,400	16,610	19,010	-	19,010
Budgetary Cost		145,838	23,950	17,350	29,483	33,318	30,397	20,088	154,586	14,987	315,411
Funding Source											
Local Tax Funding		13,490	4,250	3,590	3,183	6,118	3,377	3,478	23,996	14,987	52,473
General Obligation Bonds		42,090	4,300	13,760	8,700	15,400	21,825	16,610	80,595	-	122,685
Lease Revenue Financing		90,258	15,400	-	17,600	11,800	5,195	-	49,995	-	140,253
Total Funding Source		145,838	23,950	17,350	29,483	33,318	30,397	20,088	154,586	14,987	315,411



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
Transportation											
Projects											
Arcola Blvd (Rt 50/Rt 606)		1,685	6,593	2,630	12,195	29,479	12,612	-	63,509	-	65,194
Belmont Ridge Road (Shreveport / Evergreen Mills Rd)		-	-	-	-	1,755	3,045	16,375	21,175	-	21,175
Belmont Ridge Road (Truro Parish / Croson)		38,063	5,000	-	-	-	-	-	5,000	-	43,063
Braddock Rd Widening (Gum Spring Rd / Fairfax Line)		-	-	-	-	-	-	-	-	154,760	154,760
Braddock Rd Widening (Gum Spring Rd / Royal Hunter)		-	-	1,000	1,000	4,095	-	-	6,095	-	6,095
Croson Ln (Claiborne Pkwy / Old Ryan Rd)		-	-	-	2,700	1,750	-	16,450	20,900	-	20,900
Crosstrail Blvd (Kincaid Blvd / Russell Branch Pkwy)		33,300	41,560	-	-	-	-	-	41,560	-	74,860
Dulles West Blvd (Arcola / Northstar)		-	-	-	6,000	3,000	3,000	31,700	43,700	-	43,700
Dulles West Blvd (Dulles Landing / Arcola)		-	4,100	4,000	-	9,114	-	-	17,214	-	17,214
Elk Lick Intersection Improvements		89	-	-	-	1,565	-	-	1,565	-	1,654
Evergreen Mills Rd (Northstar / Stone Springs)		-	-	3,285	5,600	6,000	16,000	-	30,885	-	30,885
Evergreen Mills Rd (Stone Springs / Lo. Co. Pkwy)		-	-	-	6,000	10,000	22,000	-	38,000	-	38,000
Evergreen Mills Rd Realignment (Watson & Reservoir)		-	2,000	2,500	9,500	-	-	-	14,000	-	14,000
Farmwell Road Intersection Improvements		7,864	-	12,000	12,235	-	-	-	24,235	-	32,099
George Washington Blvd Overpass		5,601	3,077	9,669	10,113	3,000	-	-	25,859	-	31,460
Intelligent Transportation System		-	1,050	-	-	-	-	1,277	2,327	-	2,327
Loudoun Co. Pkwy Widening (Ryan Rd / Shellhorn Rd)		-	-	-	-	-	-	3,795	3,795	18,395	22,190
Moorefield Blvd (Mooreview Pkwy to Moorefield Station)		-	4,340	-	-	-	-	-	4,340	-	4,340



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
Northstar Blvd (Rt 50 / Shreveport Dr)		22,655	-	7,288	-	23,644	10,000	24,500	65,432	-	88,087
Northstar Blvd (Rt 50 / Tall Cedars)		11,932	5,000	29,992	-	-	-	-	34,992	-	46,924
Northstar Blvd (Tall Cedars Pkwy / Braddock Rd)		-	-	-	-	2,693	-	25,675	28,368	-	28,368
Prentice Dr		9,000	-	18,000	6,900	33,425	30,000	5,000	93,325	-	102,325
Rt 15 & Braddock Roundabout		-	-	-	-	-	-	1,015	1,015	10,480	11,495
Rt 15 N Bypass / Edwards Ferry Rd		2,000	-	-	1,200	1,500	-	1,700	4,400	-	6,400
Rt 15 N Bypass / Montessor Road		-	3,500	-	6,000	11,592	57,841	-	78,933	-	78,933
Rt 28 North (Dulles Toll Rd / Sterling Blvd)		-	20,000	-	-	-	-	-	20,000	-	20,000
Rt 50 & Everfield Dr Roundabout		-	-	-	-	-	-	1,015	1,015	10,480	11,495
Rt 50 & Rt 606 Interchange		-	-	-	-	-	-	-	-	500,000	500,000
Rt 50 & Trailhead Dr Roundabout		-	-	-	-	1,215	1,290	7,495	10,000	-	10,000
Rt 50 Corridor Improvements		-	645	6,125	-	-	-	-	6,770	-	6,770
Rt 50 North Collector Rd (Air & Space Pkwy / Route 50)		-	-	-	-	8,190	-	36,800	44,990	47,720	92,710
Rt 50 North Collector Rd (Tall Cedars / Lo. Co. Pkwy)		-	-	-	-	-	-	-	-	77,380	77,380
Rt 7 / Hillsboro Rd Interchange		7,500	405	3,845	19,420	5,500	4,065	-	33,235	-	40,735
Rt 7 & Rt 287 Interchange		-	2,115	-	-	4,390	5,001	-	11,506	-	11,506
Rt 9 & Rt 287 Roundabout		1,228	-	13,255	-	-	-	-	13,255	-	14,483
Ryan Rd Widening (Evergreen Mills Rd / Northstar Blvd)		-	-	-	-	-	-	1,835	1,835	19,145	20,980
Seneca Ridge Dr Improvements (S. Cottage Rd. / Augusta Dr.)		-	1,040	-	-	-	-	-	1,040	-	1,040
Shellhorn Dr. (Lo. Co. Pkwy / Randolph Dr)		8,000	-	10,000	6,000	-	102,750	-	118,750	-	126,750
Trailhead Dr & Braddock Roundabout		-	-	-	-	-	-	1,015	1,015	10,480	11,495
Waxpool / Lo. Co. Pkwy Intersection		2,720	3,628	-	-	-	-	-	3,628	-	6,348
Westwind Drive (State St / Ladbrook Dr)		-	8,830	5,000	7,900	20,135	9,436	-	51,301	-	51,301
Roads Subtotal:		151,637	112,883	128,589	112,763	182,042	277,040	175,647	988,963	848,840	1,989,441



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
Transportation											
Projects											
Belmont Ridge Rd & Legacy Park Dr - Traffic Signal		-	-	-	-	-	-	200	200	800	1,000
Contingency - Sidewalk		2,000	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	12,000
Contingency - Traffic Calming		200	250	250	250	250	250	250	1,500	1,000	2,700
Contingency - Traffic Signal		1,000	750	750	750	750	750	750	4,500	3,000	8,500
Harmony Middle School - Sidewalk		-	-	-	-	1,260	-	1,900	3,160	-	3,160
Intersection Improvements		-	1,612	2,215	6,355	13,165	13,690	14,235	51,272	62,900	114,172
Loudoun Co. Parkway Shared-Use Path		-	-	-	-	-	-	-	-	8,435	8,435
Poland Road - Shared Use Path		-	-	-	-	1,220	-	1,065	2,285	-	2,285
River Creek Pkwy - Sidewalk		-	-	-	-	1,315	-	-	1,315	-	1,315
Route 7 Pedestrian Improvements		-	855	-	1,000	1,000	4,200	-	7,055	-	7,055
Ryan Rd & Olympia Dr - Traffic Signal		-	-	-	-	-	-	200	200	800	1,000
Sidewalk & Trail Program		-	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505
Sterling Blvd/W&OD Overpass		-	-	-	7,745	-	-	-	7,745	-	7,745
Sidewalks, Signals & Traffic Calming:		3,200	4,467	4,215	17,100	21,070	21,815	29,620	98,287	137,385	238,872
Hillsboro - Traffic Calming and		5,282	12,112	-	-	-	-	-	12,112	-	17,394
Leesburg - Evergreen Mill Road		-	4,200	-	1,800	-	-	-	6,000	-	6,000
Leesburg - NVTA Local Distribution		9,728	2,429	2,534	2,607	2,683	2,759	2,837	15,849	11,348	36,925
Leesburg - Tuscarora Creek Trail		-	1,800	-	-	-	-	-	1,800	-	1,800
Lovettsville - Broadway Streetscape		150	180	700	-	-	-	-	880	-	1,030
Purcellville - NVTA Local Distribution		2,050	490	511	526	542	558	574	3,201	2,296	7,547
Purcellville - Pedestrian Linkages		-	210	-	-	-	-	-	210	-	210
Towns Subtotal:		17,210	21,421	3,745	4,933	3,225	3,317	3,411	40,052	13,644	70,906
Metro Capital Contribution		-	-	16,400	24,900	28,300	29,100	29,700	128,400	112,000	240,400
Metro Station Area Pedestrian Improvements		5,717	-	-	-	5,400	9,760	9,760	24,920	-	30,637
Transit Buses - Acquisition		34,523	3,200	2,500	1,410	2,090	1,000	1,000	11,200	4,000	49,723
Western Loudoun Park and Ride Lot		4,376	300	-	700	1,300	1,633	-	3,933	-	8,309
Transit Subtotal:		44,616	3,500	18,900	27,010	37,090	41,493	40,460	168,453	116,000	329,069
Transportation Budgetary Cost		216,663	142,271	155,449	161,806	243,427	343,665	249,138	1,295,755	1,115,869	2,628,287



Capital Improvement Program by Functional Area Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
Transportation											
Funding Source											
Local Tax Funding		2,644	13,261	7,400	9,679	10,789	11,099	11,196	63,424	38,000	104,068
Local Tax Funding - Roads		19,681	16,400	17,138	17,860	18,565	19,253	19,920	109,136	9,600	138,417
Fund Balance		11,650	-	-	-	-	-	-	-	-	11,650
General Obligation Bonds		15,080	36,560	46,660	62,495	66,612	123,396	76,495	412,218	924,077	1,351,375
Lease Revenue Financing		36,859	1,905	-	-	-	-	1,277	3,182	-	40,041
Proffers (Cash)		10,962	500	424	-	2,707	-	-	3,631	-	14,593
State Capital Assistance		19,065	500	500	-	-	-	-	1,000	-	20,065
CMAQ		9,538	3,441	-	-	5,400	3,960	3,960	16,761	-	26,299
RSTP		5,601	3,077	9,669	11,313	4,500	5,800	7,500	41,859	-	47,460
Revenue Sharing		15,450	5,000	5,000	5,000	5,000	5,000	5,000	30,000	-	45,450
NVTA 70% Regional		29,860	38,212	47,492	31,000	72,974	120,092	100,875	410,645	52,548	493,053
NVTA 30% Local		37,344	18,788	19,590	20,154	20,736	21,318	21,915	122,501	87,644	247,489
Fees		-	-	76	-	-	1,000	1,000	2,076	4,000	6,076
Local Gasoline Tax		1,244	-	-	-	-	-	-	-	-	1,244
Smart Scale		1,685	4,627	1,500	4,305	36,144	32,747	-	79,323	-	81,008
Total Funding Source		216,663	142,271	155,449	161,806	243,427	343,665	249,138	1,295,755	1,115,869	2,628,287



Capital Improvement Program by Functional Area
Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
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School Capital Projects Fund

Projects											
Elementary Schools	-	10,210	84,750	12,415	-	2,815	30,880	141,070	596,170	737,240	
Middle Schools	-	-	-	-	11,585	88,775	-	100,360	250,260	350,620	
High Schools	122,302	14,765	61,364	-	335	13,655	3,770	93,889	280,665	496,856	
Other School Projects	5,265	22,700	21,109	17,940	31,720	14,085	41,425	148,979	72,555	226,799	
Budgetary Cost	127,567	47,675	167,223	30,355	43,640	119,330	76,075	484,298	1,199,650	1,811,515	

Funding Source											
Local Tax Funding	12,565	10,750	11,365	2,695	335	3,205	-	28,350	-	40,915	
General Obligation Bonds	113,252	33,123	147,458	14,640	35,090	103,695	67,100	401,106	1,161,465	1,675,823	
Lease Revenue Financing	-	3,802	8,400	13,020	8,215	12,430	8,975	54,842	38,185	93,027	
Proffers (Cash)	1,750	-	-	-	-	-	-	-	-	1,750	
Total Funding Source	127,567	47,675	167,223	30,355	43,640	119,330	76,075	484,298	1,199,650	1,811,515	



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
Elementary Schools											
Projects											
Algonkian ES Renovation		-	-	-	-	-	2,815	21,575	24,390	-	24,390
Cool Spring ES Renovation		-	-	-	-	-	-	2,940	2,940	22,115	25,055
ES-23 Dulles North		-	5,105	39,130	-	-	-	-	44,235	-	44,235
ES-24 Central Loudoun		-	-	-	-	-	-	6,365	6,365	47,830	54,195
ES-29 Dulles South		-	5,105	39,130	-	-	-	-	44,235	-	44,235
ES - Three-Classroom Additions		-	-	-	12,415	-	-	-	12,415	-	12,415
Future ES Renovations and Construction		-	-	-	-	-	-	-	-	526,225	526,225
Three Classroom Additions - Weller ES/Dominion Trail ES		-	-	6,490	-	-	-	-	6,490	-	6,490
Budgetary Cost		-	10,210	84,750	12,415	-	2,815	30,880	141,070	596,170	737,240
Funding Source											
Local Tax Funding		-	-	6,490	-	-	-	-	6,490	-	6,490
General Obligation Bonds		-	10,210	78,260	12,415	-	2,815	30,880	134,580	596,170	730,750
Total Funding Source		-	10,210	84,750	12,415	-	2,815	30,880	141,070	596,170	737,240

Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
Middle Schools											
Projects											
Farmwell Station MS Renovation		-	-	-	-	-	-	-	-	67,760	67,760
Harper Park MS Renovation		-	-	-	-	-	-	-	-	69,305	69,305
MS-14 Dulles North		-	-	-	-	11,585	88,775	-	100,360	-	100,360
MS-19		-	-	-	-	-	-	-	-	113,195	113,195
Budgetary Cost		-	-	-	-	11,585	88,775	-	100,360	250,260	350,620
Funding Source											
General Obligation Bonds		-	-	-	-	11,585	88,775	-	100,360	250,260	350,620
Total Funding Source		-	-	-	-	11,585	88,775	-	100,360	250,260	350,620



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP Total
High Schools											
Projects											
CS Monroe Technology Center		1,750	1,829	61,364	-	-	-	-	63,193	-	64,943
HS-9 Lightridge High School		116,752	8,788	-	-	-	-	-	8,788	-	125,540
HS-14, Dulles North		-	-	-	-	-	-	-	-	182,605	182,605
HS - Baseball/Softball Press Boxes		-	-	-	-	-	3,205	-	3,205	-	3,205
HS - Stadium Synthetic Turf & Track Resurface		3,800	4,148	-	-	-	-	-	4,148	-	7,948
HS - Tennis Courts Lighting		-	-	-	-	-	3,610	3,770	7,380	3,865	11,245
HS - Weight Room Expansion		-	-	-	-	-	6,840	-	6,840	-	6,840
Modular Classroom Removal - Briar Woods HS		-	-	-	-	335	-	-	335	-	335
Potomac Falls HS Renovation		-	-	-	-	-	-	-	-	94,195	94,195
Budgetary Cost		122,302	14,765	61,364	-	335	13,655	3,770	93,889	280,665	496,856
Funding Source											
Local Tax Funding		7,300	10,000	-	-	335	3,205	-	13,540	-	20,840
General Obligation Bonds		113,252	4,765	61,364	-	-	10,450	3,770	80,349	280,665	474,266
Proffers (Cash)		1,750	-	-	-	-	-	-	-	-	1,750
Total Funding Source		122,302	14,765	61,364	-	335	13,655	3,770	93,889	280,665	496,856



Capital Improvement Program by Functional Area
Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	CIP	Total
Division/Other School Projects												
Projects												
Arcola ES/Northstar Connection	-	-	-	-	-	-	-	2,280	2,280	-	-	2,280
Broadband Infrastructure	-	1,500	1,750	1,750	-	-	-	-	5,000	-	-	5,000
Bus Radio Replacements	-	-	-	-	-	-	3,845	-	3,845	-	-	3,845
Division Security Improvements	-	5,500	5,984	-	-	-	-	-	11,484	-	-	11,484
Heritage HS Entrance	-	-	-	-	-	-	-	780	780	-	-	780
Joint Use Dry Bulk Storage Facility	-	-	-	4,280	-	-	-	-	4,280	-	-	4,280
Lovettsville Bus/Visitor Parking	-	-	-	690	-	-	-	-	690	-	-	690
School Bus Replacement Fund	5,265	7,200	7,525	7,865	8,215	8,585	8,975	48,365	38,185	-	-	91,815
School Security Vestibules	-	8,500	5,850	-	-	-	-	-	14,350	-	-	14,350
School Walking Tracks	-	-	-	-	-	-	-	890	890	910	-	1,800
Staff Training Center/ Round Hill Support Facility Renovation	-	-	-	2,225	23,505	-	-	-	25,730	-	-	25,730
Student Welcome & Adult Education Center	-	-	-	1,130	-	-	-	-	1,130	-	-	1,130
Tolbert ES Road Connection	-	-	-	-	-	-	-	845	845	-	-	845
Transportation Support Facility	-	-	-	-	-	-	-	-	-	31,790	-	31,790
Union Street Facility	-	-	-	-	-	-	-	-	-	1,670	-	1,670
Valley Service Center Replacement & Bus Parking	-	-	-	-	-	-	1,655	27,070	28,725	-	-	28,725
Valley Service Center Traffic Signal	-	-	-	-	-	-	-	585	585	-	-	585
Budgetary Cost	5,265	22,700	21,109	17,940	31,720	14,085	41,425	148,979	72,555	-	-	226,799

Funding Source												
Local Tax Funding	5,265	750	4,875	2,695	-	-	-	-	8,320	-	-	13,585
General Obligation Bonds	-	18,148	7,834	2,225	23,505	1,655	32,450	85,817	34,370	-	-	120,187
Lease Revenue Financing	-	3,802	8,400	13,020	8,215	12,430	8,975	54,842	38,185	-	-	93,027
Total Funding Source	5,265	22,700	21,109	17,940	31,720	14,085	41,425	148,979	72,555	-	-	226,799





OPERATING IMPACT ANALYSIS OF NEW FACILITIES IN THE FY 2019 – FY 2024 CIP

The cost of opening and operating facilities is evaluated during the development of a capital project. The County identifies personnel, operating, utility, and maintenance expenditures to staff and open a new facility.

The following table, known as the Operating Impact Analysis Table, outlines the estimated operating impacts related to facilities scheduled to open during the FY 2019 – FY 2024 CIP planning period. The table provides an analysis of:

- Additional Full Time Equivalents (FTE), or personnel, required to staff new or expanded facilities by the program department
- Personnel costs required to staff new or expanded facilities
- Operational costs related to operating new or expanded facilities, including utility and maintenance costs for both the program department operating the facility and central maintenance expenditures in the Department of General Services

The Operating Impact Analysis table presents the gross impact of opening, expanding, or renovating capital facilities. The table presents the staffing and operational cost estimates for new construction. The gross impact of personnel and operating costs for each facility are presented. The table does not take into account any additional FTE that may be required to centrally manage an expanding County facility inventory by the Department of General Services.

For new facilities, the impact of staffing and operating the facility is presented. For facility renovations and expansions, where the facility was already in operation prior to being expanded or renovated, the personnel, operating and FTE estimates, if any, represent the incremental increase above current staffing levels and costs required to operate the facility.

All expenditure estimates for each facility are calculated to represent FY 2019 costs. To provide a greater level of accuracy in estimating future operating costs, the following inflation factors are used:

- Personnel costs are escalated annually by three percent for every year after FY 2019.
- Operating costs are escalated annually by one percent for every year after FY 2019.

Each capital project page, found in Volume 2 of this document, includes a summary table that reports the project's estimated gross operating and personnel cost impacts on the County's operating budget. If a capital project has no net impact to the County's operating budget, no operating impact table is provided on the project page. FY 2020 operating impacts, if any, are also included in the FY 2020 Projected column in the Financial Summary tables for program departments' narratives in Volume 1.

The estimated number of new personnel (FTE) required to operate a facility is shown in the year in which the personnel are projected to be hired. In some cases, personnel may be hired prior to a facility's opening date in order to provide training, set up operations, and other pre-opening activities.

An analysis of projected debt service payments in the FY 2019 – FY 2024 timeframe for projects that utilize debt financing is also provided in the summary table of operating impacts at the bottom of each CIP project page. Debt service expenses are budgeted in the Debt Service Fund.



Operating Impact Analysis of New Facilities in the FY 2019 – FY 2024 CIP

County Capital Projects								
Operating Impacts								
Capital (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Administration								
Land Acquisition Fund - Schools								
	Debt Service	-	-	-	-	-	499	499
Major Computer Systems								
	FTE	-	2.00	-	-	-	-	2.00
	Personnel	-	172	178	183	188	194	915
	O&M	-	10	-	-	-	-	10
	Debt Service	140	1,205	2,119	2,060	2,128	2,040	9,693
	Administration Subtotal	140	1,388	2,297	2,243	2,316	2,733	11,117
	FTE	-	2.00	-	-	-	-	2.00
	Personnel	-	172	178	183	188	194	915
	O&M	-	10	-	-	-	-	10
	Debt Service	140	1,205	2,119	2,060	2,128	2,539	10,192
	Administration Subtotal	140	1,388	2,297	2,243	2,316	2,733	11,117

Operating Impacts								
Capital (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
General Government								
Consolidated Shops and Warehouse								
	O&M	1,291	1,303	1,316	1,330	1,343	1,356	7,939
	Debt Service	-	100	395	473	721	702	2,390
Eastern Services Center								
	Debt Service	-	-	-	-	-	144	144
General Government Office Space - Sycolin Rd Phase I								
	Debt Service	-	-	-	-	125	644	769
Landfill Sequence IA Cap & Closure								
	Debt Service	-	38	148	144	141	137	608
Landfill Sequence V Closure								
	Debt Service	34	262	629	618	597	586	2,725
Public Safety Radio System - Redundant Master/Prime Site								
	Debt Service	36	272	267	252	246	231	1,304
Waterford Animal Shelter Renovation								
	Debt Service	-	-	50	198	193	188	628
	General Government Subtotal	1,361	1,976	2,806	3,014	3,365	3,987	16,507
	O&M	1,291	1,303	1,316	1,330	1,343	1,356	7,939
	Debt Service	70	672	1,489	1,684	2,022	2,630	8,567
	General Government Subtotal	1,361	1,976	2,806	3,014	3,365	3,987	16,507

Operating Impacts								
Capital (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Health and Welfare								
DS Group Residence - Eastern Loudoun								
	FTE	-	-	-	1.17	-	-	1.17
	Personnel	-	-	-	79	81	84	244
	O&M	-	-	-	35	35	36	106
	Debt Service	-	-	59	265	258	250	832
	Health and Welfare Subtotal	-	-	59	379	374	370	1,182
	FTE	-	-	-	1.17	-	-	1.17
	Personnel	-	-	-	79	81	84	244
	O&M	-	-	-	35	35	36	106
	Debt Service	-	-	59	265	258	250	832
	Health and Welfare Subtotal	-	-	59	379	374	370	1,182



Operating Impact Analysis of New Facilities in the FY 2019 – FY 2024 CIP

Operating Impacts								
Capital (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Parks, Recreation and Culture								
Ashburn Recreation and Community Center	FTE	-	-	-	2.50	74.17	-	76.67
	Personnel	-	-	-	93	4,285	4,414	8,792
	O&M	-	-	-	-	1,872	1,891	3,762
	Debt Service	-	-	-	-	1,250	2,629	3,879
Ashburn Senior Center	FTE	-	1.00	18.33	-	-	-	19.33
	Personnel	-	80	739	761	784	807	3,170
	O&M	-	-	263	265	268	271	1,066
Bolen Park Phase II	O&M	-	-	-	-	-	59	59
	Debt Service	-	-	-	302	505	594	1,401
Brambleton Library	Personnel	2,392	2,464	2,538	2,614	2,692	2,773	15,473
	O&M	819	827	836	844	853	861	5,040
	Debt Service	-	145	572	557	543	528	2,345
Fields Farm Park	Debt Service	-	-	-	-	179	475	654
Franklin Park to Purcellville Trail	Debt Service	-	-	-	-	128	497	624
Hal & Berni Hanson Regional Park	FTE	-	-	2.00	16.09	-	-	18.09
	Personnel	-	-	83	1,044	1,157	1,273	3,556
	O&M	-	-	-	1,129	1,140	1,152	3,421
	Debt Service	-	-	-	562	1,987	4,143	6,692
Lovettsville District Park - Phase II	FTE	-	-	-	9.84	-	-	9.84
	Personnel	-	-	-	587	605	623	1,815
	O&M	-	-	-	108	109	111	328
	Debt Service	-	-	-	250	508	494	1,252
Scott Jenkins - Phase III	FTE	-	0.50	0.84	-	-	-	1.34
	Personnel	-	15	38	40	41	42	176
	O&M	-	25	29	30	30	30	144
	Debt Service	-	-	-	178	173	169	520
STEM Library	Debt Service	-	-	-	150	786	1,607	2,544
Parks, Recreation and Culture Subtotal		2,392	2,729	4,262	8,670	19,042	24,579	66,713
	FTE	-	1.50	21.17	28.42	74.17	-	125.26
	Personnel	2,392	2,559	3,398	5,138	9,563	9,932	32,982
	O&M	819	852	1,128	2,376	4,272	4,374	13,822
	Debt Service	-	145	572	1,999	6,059	11,135	19,909
Parks, Recreation and Culture Subtotal		3,211	3,556	5,098	9,514	19,895	25,440	66,713



Operating Impact Analysis of New Facilities in the FY 2019 – FY 2024 CIP

Operating Impacts								
Capital (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Public Safety								
Animal Services Facility								
	FTE	-	0.50	7.75	-	-	-	8.25
	Personnel	-	72	488	503	518	534	2,116
	O&M	-	01	382	386	390	394	1,553
	Debt Service	-	508	1,282	1,491	1,444	1,411	6,136
Courts Complex Phase III								
	FTE	-	-	30.00	13.17	1.33	-	44.50
	Personnel	-	-	1,314	3,504	3,699	3,810	12,327
	O&M	-	-	489	1,271	1,292	1,305	4,356
	Debt Service	450	2,228	3,835	5,187	7,268	8,310	27,277
Fire and Rescue Training Academy Expansion								
	FTE	-	-	-	-	2.34	-	2.34
	Personnel	-	-	-	-	169	174	343
	O&M	-	-	-	-	159	119	278
	Debt Service	-	-	-	230	524	741	1,495
Fire and Rescue Vehicle Annex								
	Debt Service	-	-	-	-	-	288	288
Juvenile Detention Center Phase II								
	Debt Service	-	-	-	-	-	260	260
Public Safety - 911 Phone Switch Replacement								
	Debt Service	-	-	-	58	227	221	506
Public Safety - Handheld Radio Replacements								
	Debt Service	-	-	-	238	1,796	1,733	3,767
Public Safety - Tower Coverage Expansion								
	Debt Service	35	138	135	131	128	125	692
Station #04 - Round Hill Station Replacement								
	FTE	-	-	-	6.17	-	-	6.17
	Personnel	-	-	-	554	571	588	1,713
	O&M	-	-	-	463	468	473	1,404
	Debt Service	-	190	685	1,168	1,646	1,606	5,295
Station #07 - Aldie Station Replacement								
	FTE	-	-	-	26.17	-	-	26.17
	Personnel	-	-	-	2,428	2,501	2,576	7,506
	O&M	-	-	-	781	789	797	2,366
	Debt Service	-	-	-	38	148	534	720
Station #08 - Philomont Station Replacement								
	Debt Service	-	-	-	-	-	-	-
Station #28 - Leesburg South Station								
	Debt Service	-	-	-	100	218	482	800
Station #29 - Route 606 Station								
	Debt Service	-	-	-	-	-	120	120
Public Safety Subtotal		485	3,137	8,610	18,531	23,954	26,600	81,317
	FTE	-	0.50	37.75	45.50	3.67	-	87.42
	Personnel	-	72	1,802	6,990	7,458	7,682	24,005
	O&M	-	01	871	2,901	3,097	3,087	9,957
	Debt Service	485	3,063	5,937	8,640	13,398	15,831	47,355
Public Safety Subtotal		485	3,137	8,610	18,531	23,954	26,600	81,317
County Capital Subtotal		5,197	10,056	18,870	33,680	49,904	59,130	176,836



Operating Impact Analysis of New Facilities in the FY 2019 – FY 2024 CIP

Transportation Capital Projects								
Operating Impacts								
Capital (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Roads								
Belmont Ridge Road (Shreveport / Evergreen Mills Rd)	Debt Service	-	-	-	-	178	414	592
Braddock Rd Widening (Gum Spring Rd / Royal Hunter)	Debt Service	-	-	79	165	361	553	1,158
Croscon Ln (Claiborne Pkwy / Old Ryan Rd)	Debt Service	-	-	-	270	441	425	1,135
Crosstrail Blvd (Kincaid Blvd / Russell Branch Pkwy)	Debt Service	-	-	878	1,441	2,249	3,537	8,104
Dulles West Blvd (Arcola / Northstar)	Debt Service	-	-	-	352	695	869	1,915
Elk Lick Intersection Improvements	Debt Service	-	-	-	-	38	157	196
Evergreen Mills Rd (Northstar / Stone Springs)	Debt Service	-	-	199	324	616	1,281	2,419
Evergreen Mills Rd (Stone Springs / Lo. Co. Pkwy)	Debt Service	-	-	-	-	250	494	744
Farmwell Road Intersection Improvements	Debt Service	-	-	200	475	1,213	1,553	3,441
Intelligent Transportation System	Debt Service	26	106	99	101	93	128	553
Northstar Blvd (Tall Cedars Pkwy / Braddock Rd)	Debt Service	-	-	-	-	161	246	407
Prentice Rd	Debt Service	-	-	400	790	1,170	1,140	3,500
Route 50 North Collector Road (Air & Space Parkway to Tall Cedars Parkway)	Debt Service	-	-	-	-	410	809	1,219
Route 50 Corridor Improvements	Debt Service	-	-	311	304	296	288	1,199
Route 50/Trailhead Drive Roundabout	Debt Service	-	-	-	-	121	247	368
Rt 7 / Hillsboro Rd Interchange	Debt Service	-	200	195	190	603	782	1,970
Rt 9 & Rt 287 Roundabout	Debt Service	-	-	-	98	95	584	777
Shellhorn Dr. (Lo. Co. Pkwy / Randolph Dr)	Debt Service	-	800	780	760	740	1,520	4,600
Westwind Drive (State St / Ladbrook Dr)	Debt Service	-	-	-	790	1,170	1,718	3,678
Roads Subtotal		26	1,106	3,140	6,058	10,899	16,743	37,972



Operating Impact Analysis of New Facilities in the FY 2019 – FY 2024 CIP

Operating Impacts								
Capital (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Sidewalks, Signals, and Traffic Calming								
Harmony Middle School - Sidewalk	Debt Service	-	-	-	-	128	125	253
Intersection Improvements	FTE	2.00	1.00	1.00	-	-	-	4.00
	Personnel	238	196	357	312	321	331	1,756
	Debt Service	-	-	221	853	1,810	2,685	5,569
Poland Road - Shared Use Path	Debt Service	-	-	-	-	121	118	239
River Creek Pkwy - Sidewalk	Debt Service	-	-	-	-	131	128	258
Route 7 Pedestrian Improvements	Debt Service	21	87	84	182	173	383	930
Sidewalk and Trail Program	Debt Service	-	-	-	-	111	299	410
Sterling Blvd/W&OD Overpass	Debt Service	-	-	-	82	469	764	1,314
Sidewalks, Signals, and Traffic Calming Subtotal		260	283	662	1,429	3,262	4,832	10,728
	FTE	2.00	1.00	1.00	-	-	-	4.00
	Personnel	238	196	357	312	321	331	1,756
	Debt Service	21	87	305	1,117	2,941	4,501	8,972
Sidewalks, Signals, and Traffic Calming Subtotal		260	283	662	1,429	3,262	4,832	10,728
Transportation Capital Subtotal		286	1,389	3,802	7,488	14,161	21,575	48,701



Operating Impact Analysis of New Facilities in the FY 2019 – FY 2024 CIP

School Capital Projects								
Operating Impacts								
Capital (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Elementary Schools								
Algonkian ES Renovations (formerly ES - Renovation 1)	Debt Service	-	-	-	-	-	281	281
ES - 3 Classroom Addition - Phase I & II	Debt Service	-	-	-	320	632	1,005	1,957
ES-23 Dulles North	Debt Service	-	510	1,998	3,478	4,680	4,549	15,215
ES-29 Dulles South	Debt Service	-	510	1,998	3,478	4,680	4,549	15,215
Elementary Schools Subtotal		-	1,021	3,995	7,276	9,993	10,384	32,668
Middle Schools								
MS-14, Dulles North	Debt Service	-	-	-	-	500	1,488	1,988
Middle Schools Subtotal		-	-	-	-	500	1,488	1,988
High Schools								
CS Monroe Technology Center	Debt Service	-	182	1,246	3,118	4,599	6,000	15,144
HS-9 Lightridge High School	Debt Service	-	2,292	5,675	8,777	9,047	8,816	34,607
HS - Stadium Synthetic Turf & Track Resurface	Debt Service	-	100	289	282	275	268	1,214
HS - Tennis Courts Lighting	Debt Service	-	-	-	-	-	100	100
HS - Weight Room Expansion	Debt Service	-	-	-	-	-	129	129
High Schools Subtotal		-	2,574	7,211	12,177	13,921	15,312	51,194
Division/ Other School Projects								
Broadband Infrastructure	Debt Service	19	98	179	246	234	233	1,009
Bus Radio Replacements	Debt Service	-	-	-	-	96	729	825
Division Security Improvements	Debt Service	-	221	647	919	1,209	1,180	4,176
Joint Use Dry Bulk Storage Facility	Debt Service	-	-	25	138	315	428	906
School Bus Replacement Fund	Debt Service	-	1,390	2,790	4,203	5,627	7,056	21,066
School Security Vestibules	Debt Service	-	221	247	801	1,136	1,108	3,512
Staff Training Center & Round Hill Support Facility Renovation	Debt Service	-	-	-	110	630	1,358	2,098
Valley Service Center Replacement & Culbert ES Bus Parking	Debt Service	-	-	-	-	-	168	168
Division/ Other School Projects Subtotal		19	1,929	3,888	6,417	9,246	12,259	33,759
Schools Capital Subtotal		19	5,524	15,094	25,869	33,660	39,443	119,609



Operating Impact Analysis of New Facilities in the FY 2019 – FY 2024 CIP

Operating Analysis Summary							
Operating Impacts							
Capital (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Administration	140	1,388	2,297	2,243	2,316	2,733	11,117
General Government	1,361	1,976	2,806	3,014	3,365	3,987	16,507
Health and Welfare	-	-	59	379	374	370	1,182
Parks, Recreation & Culture	3,211	3,556	5,098	9,514	19,895	25,440	66,713
Public Safety	485	3,137	8,610	18,531	23,954	26,600	81,318
Transportation	286	1,389	3,802	7,488	14,161	21,575	48,701
County Projects - Operating Cost:	5,483	11,445	22,672	41,168	64,065	80,705	225,537
<i>County Projects - FTE</i>	2.00	5.00	59.92	75.09	77.84	-	219.85
Personnel	2,630	3,000	5,735	12,702	17,613	18,223	59,903
O&M	2,110	2,167	3,315	6,642	8,748	8,853	31,835
Capital Outlay	-	-	-	-	-	-	-
Debt Service	743	6,278	13,622	21,824	37,704	53,629	133,799
County Projects - Operating Cost:	5,483	11,445	22,672	41,168	64,065	80,705	225,537
<i>County Projects - FTE</i>	2.00	5.00	59.92	75.09	77.84	-	219.85
Elementary Schools	-	1,021	3,995	7,276	9,993	10,384	32,668
Middle Schools	-	-	-	-	500	1,488	1,988
High Schools	-	2,574	7,211	12,177	13,921	15,312	51,194
Division/Other School Projects	19	1,929	3,888	6,417	9,246	12,259	33,759
School Projects - Operating Cost:	19	5,524	15,094	25,869	33,660	39,443	119,609
Debt Service	19	5,524	15,094	25,869	33,660	39,443	119,609
School Projects - Operating Cost:	19	5,524	15,094	25,869	33,660	39,443	119,609





Comparison Tables

The following tables depict the Adopted FY 2019 CIP budget and includes the Adopted FY 2018 CIP funding sources and amounts for comparison. New projects are highlighted in yellow. Total project cost includes appropriations from years prior to the six-year CIP timeframe.

COUNTY CAPITAL PROJECTS

ADMINISTRATION	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Land Acquisition - Courts Expansion									
Adopted FY 2019 CIP	1,000	1,500	-	-	-	-	2,500	-	3,500
Local Tax Funding	1,000	1,500	-	-	-	-	2,500	-	3,500
Adopted FY 2018 CIP	1,000	1,500	-	-	-	-	2,500	-	3,500
Local Tax Funding	1,000	1,500	-	-	-	-	2,500	-	3,500
Land Acquisition - Eastern DS Group Residence									
Adopted FY 2019 CIP	480	-	-	-	-	-	480	-	480
Local Tax Funding	480	-	-	-	-	-	480	-	480
Adopted FY 2018 CIP	480	-	-	-	-	-	480	-	480
Local Tax Funding	480	-	-	-	-	-	480	-	480
Land Acquisition - Schools									
Adopted FY 2019 CIP	-	-	7,990	-	23,680	9,115	40,785	5,475	293,577
Local Tax Funding	-	-	7,990	-	18,695	9,115	35,800	5,475	135,491
VPSA Bonds	-	-	-	-	4,985	-	4,985	-	4,985
General Obligation Bonds	-	-	-	-	-	-	-	-	52,475
Fund Balance	-	-	-	-	-	-	-	-	36,934
State Capital Assistance	-	-	-	-	-	-	-	-	4,598
Proffers (Cash)	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)	-	-	-	-	-	-	-	-	51,409
Lease Revenue Financing	-	-	-	-	-	-	-	-	5,830
Adopted FY 2018 CIP	-	-	-	-	-	-	-	-	247,317
Local Tax Funding	-	-	-	-	-	-	-	-	94,216
VPSA Bonds	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	52,475
Fund Balance	-	-	-	-	-	-	-	-	36,934
State Capital Assistance	-	-	-	-	-	-	-	-	4,598
Proffers (Cash)	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)	-	-	-	-	-	-	-	-	51,409
Lease Revenue Financing	-	-	-	-	-	-	-	-	5,830



ADMINISTRATION	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Major Computer Systems									
Adopted FY 2019 CIP	5,000	1,300	-	-	-	-	6,300	-	71,300
Local Tax Funding	-	-	-	-	-	-	-	-	1,100
Fund Balance	-	-	-	-	-	-	-	-	40,000
Lease Revenue Financing	5,000	1,300	-	-	-	-	6,300	-	30,200
Adopted FY 2018 CIP	-	3,500	-	-	-	-	3,500	-	68,500
Local Tax Funding	-	-	-	-	-	-	-	-	1,100
Fund Balance	-	-	-	-	-	-	-	-	40,000
Lease Revenue Financing	-	3,500	-	-	-	-	3,500	-	27,400
GENERAL GOVERNMENT									
Capital Project Management									
Adopted FY 2019 CIP	6,646	6,845	7,051	7,262	7,480	7,705	42,989	31,908	74,897
Local Tax Funding	6,646	6,845	7,051	7,262	7,480	7,705	42,989	31,908	74,897
Adopted FY 2018 CIP	6,330	6,585	6,785	7,195	7,410	7,630	41,935	15,945	57,880
Local Tax Funding	6,330	6,585	6,785	7,195	7,410	7,630	41,935	15,945	57,880
Capital Project Management Consulting Services									
Adopted FY 2019 CIP	4,250	4,288	1,326	1,366	1,407	1,449	14,086	6,243	20,329
Local Tax Funding	4,250	4,288	1,326	1,366	1,407	1,449	14,086	6,243	20,329
Adopted FY 2018 CIP	1,250	1,250	1,250	1,250	1,250	1,250	7,500	2,500	10,000
Local Tax Funding	1,250	1,250	1,250	1,250	1,250	1,250	7,500	2,500	10,000
CIP Contingency									
Adopted FY 2019 CIP	2,450	2,500	2,500	2,500	2,500	2,500	14,950	10,000	36,850
Local Tax Funding	2,450	2,500	2,500	2,500	2,500	2,500	14,950	10,000	36,850
Adopted FY 2018 CIP	2,500	2,500	2,500	2,500	2,500	2,500	15,000	5,000	20,000
Local Tax Funding	2,500	2,500	2,500	2,500	2,500	2,500	15,000	5,000	20,000
Consolidated Shops & Warehouse									
Adopted FY 2019 CIP	-	4,000	3,500	-	-	-	7,500	-	28,500
Local Tax Funding	-	-	-	-	-	-	-	-	10,200
Lease Revenue Financing	-	4,000	3,500	-	-	-	7,500	-	28,500
Adopted FY 2018 CIP	-	4,000	3,500	-	-	-	7,500	-	28,500
Local Tax Funding	-	-	-	-	-	-	-	-	10,200
Lease Revenue Financing	-	4,000	3,500	-	-	-	7,500	-	28,500
Eastern Services Center									
Adopted FY 2019 CIP	-	-	-	-	-	17,250	17,250	-	17,250
Lease Revenue Financing	-	-	-	-	-	17,250	17,250	-	17,250
Adopted FY 2018 CIP	-	-	-	-	-	17,250	17,250	-	17,250
Lease Revenue Financing	-	-	-	-	-	17,250	17,250	-	17,250
General Government Office Space - Sycolin Road Phase I									
Adopted FY 2019 CIP	-	-	-	-	15,565	97,380	112,945	10,128	123,073
Lease Revenue Financing	-	-	-	-	15,565	97,380	112,945	10,128	123,073
Adopted FY 2018 CIP	-	-	-	-	15,565	97,380	112,945	10,128	123,073
Lease Revenue Financing	-	-	-	-	15,565	97,380	112,945	10,128	123,073



GENERAL GOVERNMENT	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Landfill Sequence 1A Cap									
Adopted FY 2019 CIP	-	1,500	-	-	-	-	1,500	-	1,500
Lease Revenue Financing	-	1,500	-	-	-	-	1,500	-	1,500
Adopted FY 2018 CIP	-	1,500	-	-	-	-	1,500	-	1,500
Lease Revenue Financing	-	1,500	-	-	-	-	1,500	-	1,500
Landfill Sequence V Closure									
Adopted FY 2019 CIP	1,350	5,060	-	-	-	-	6,410	-	6,410
Lease Revenue Financing	1,350	5,060	-	-	-	-	6,410	-	6,410
Adopted FY 2018 CIP	1,350	5,060	-	-	-	-	6,410	-	6,410
Lease Revenue Financing	1,350	5,060	-	-	-	-	6,410	-	6,410
Public Safety Radio System Redundant Master/Prime Site									
Adopted FY 2019 CIP	1,450	-	-	-	-	-	1,450	-	1,450
Lease Revenue Financing	1,450	-	-	-	-	-	1,450	-	1,450
Adopted FY 2018 CIP	1,450	-	-	-	-	-	1,450	-	1,450
Lease Revenue Financing	1,450	-	-	-	-	-	1,450	-	1,450
Storm Water Management									
Adopted FY 2019 CIP	5,860	6,150	6,460	6,780	7,119	7,475	39,844	33,829	73,673
Local Tax Funding	5,860	6,150	6,460	6,780	7,119	7,475	39,844	33,829	73,673
Adopted FY 2018 CIP	5,860	6,150	6,460	6,780	5,000	5,270	35,520	11,330	46,850
Local Tax Funding	5,860	6,150	6,460	6,780	5,000	5,270	35,520	11,330	46,850
Town of Hillsboro - Old Stone School/Town Hall									
Adopted FY 2019 CIP	243	-	-	-	-	-	243	-	323
Cash Proffer - Interest	243	-	-	-	-	-	243	-	323
Adopted FY 2018 CIP	-	-	-	-	-	-	-	-	80
Cash Proffer - Interest	-	-	-	-	-	-	-	-	80
Water/Wastewater Fund									
Adopted FY 2019 CIP	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	24,750
Local Tax Funding	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	24,750
Adopted FY 2018 CIP	2,250	2,300	2,350	2,400	2,450	2,500	14,250	5,150	19,400
Local Tax Funding	2,250	2,300	2,350	2,400	2,450	2,500	14,250	5,150	19,400
Waterford Animal Shelter Renovation									
Adopted FY 2019 CIP	-	-	2,000	-	-	-	2,000	-	2,000
Lease Revenue Financing	-	-	2,000	-	-	-	2,000	-	2,000
Adopted FY 2018 CIP	-	-	2,000	-	-	-	2,000	-	2,000
Lease Revenue Financing	-	-	2,000	-	-	-	2,000	-	2,000



HEALTH & WELFARE	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Adolescent Independent Living Residence									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	6,646	6,646
Lease Revenue Financing	-	-	-	-	-	-	-	6,646	6,646
Adopted FY 2018 CIP	-	-	-	-	6,145	-	6,145	-	6,145
Lease Revenue Financing	-	-	-	-	6,145	-	6,145	-	6,145
DS Group Residence - Eastern Loudoun									
Adopted FY 2019 CIP	-	-	2,375	-	-	-	2,375	-	2,375
Lease Revenue Financing	-	-	2,375	-	-	-	2,375	-	2,375
Adopted FY 2018 CIP	-	-	2,375	-	-	-	2,375	-	2,375
Lease Revenue Financing	-	-	2,375	-	-	-	2,375	-	2,375
PARKS, RECREATION & CULTURE									
Ashburn Recreation & Community Center									
Adopted FY 2019 CIP	-	-	15,000	-	-	-	15,000	-	85,930
Cash Proffers	-	-	-	-	-	-	-	-	26,660
General Obligation Bonds	-	-	-	-	-	-	-	-	44,270
Lease Revenue Financing	-	-	15,000	-	-	-	15,000	-	15,000
Adopted FY 2018 CIP	-	-	-	-	-	-	-	-	70,930
Cash Proffers	-	-	-	-	-	-	-	-	26,660
General Obligation Bonds	-	-	-	-	-	-	-	-	44,270
Ashburn Senior Center									
Adopted FY 2019 CIP	1,200	-	-	-	-	-	1,200	-	9,485
Cash Proffers	1,200	-	-	-	-	-	1,200	-	9,485
Adopted FY 2018 CIP	-	-	-	-	-	-	-	-	8,285
Cash Proffers	-	-	-	-	-	-	-	-	8,285
Brambleton Library									
Adopted FY 2019 CIP	680	9,839	-	-	-	-	10,519	-	10,519
Cash Proffers	680	4,059	-	-	-	-	4,739	-	4,739
Lease Revenue Financing	-	5,780	-	-	-	-	5,780	-	5,780
Adopted FY 2018 CIP	-	7,100	-	-	-	-	7,100	-	7,100
Cash Proffers	-	70	-	-	-	-	70	-	70
Lease Revenue Financing	-	7,030	-	-	-	-	7,030	-	7,030
Fields Farm Park									
Adopted FY 2019 CIP	-	-	3,350	25,835	-	-	29,185	-	31,045
Fund Balance	-	-	-	-	-	-	-	-	1,860
General Obligation Bonds	-	-	3,350	25,835	-	-	29,185	-	29,185
Adopted FY 2018 CIP	-	-	3,350	25,835	-	-	29,185	-	31,045
Fund Balance	-	-	-	-	-	-	-	-	1,860
General Obligation Bonds	-	-	3,350	25,835	-	-	29,185	-	29,185



PARKS, RECREATION & CULTURE	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Franklin Park to Purcellville - Trail									
Adopted FY 2019 CIP	-	-	-	5,000	-	-	5,000	-	5,520
Local Tax Funding	-	-	-	-	-	-	-	-	520
General Obligation Bonds	-	-	-	5,000	-	-	5,000	-	5,000
Adopted FY 2018 CIP	-	-	-	5,000	-	-	5,000	-	5,520
Local Tax Funding	-	-	-	-	-	-	-	-	520
General Obligation Bonds	-	-	-	5,000	-	-	5,000	-	5,000
Hal & Berni Hanson Regional Park									
Adopted FY 2019 CIP	14,800	-	-	-	-	-	14,800	-	91,165
Land Sale Proceeds	-	-	-	-	-	-	-	-	5,000
Local Tax Funding	-	-	-	-	-	-	-	-	90
Cash Proffers	5,223	-	-	-	-	-	5,223	-	47,903
Lease Revenue Financing	9,577	-	-	-	-	-	9,577	-	9,577
General Obligation Bonds	-	-	-	-	-	-	-	-	28,595
Adopted FY 2018 CIP	-	-	-	-	-	-	-	-	74,340
Land Sale Proceeds	-	-	-	-	-	-	-	-	5,000
Local Tax Funding	-	-	-	-	-	-	-	-	90
Cash Proffers	-	-	-	-	-	-	-	-	40,655
General Obligation Bonds	-	-	-	-	-	-	-	-	28,595
Lovettsville District Park Phase II									
Adopted FY 2019 CIP	-	-	4,680	-	-	-	4,680	-	4,680
General Obligation Bonds	-	-	4,680	-	-	-	4,680	-	4,680
Adopted FY 2018 CIP	-	-	4,680	-	-	-	4,680	-	4,680
General Obligation Bonds	-	-	4,680	-	-	-	4,680	-	4,680
Philip A. Bolen Park Phase II									
Adopted FY 2019 CIP	-	-	6,725	-	-	-	6,725	-	7,225
Local Tax Funding	-	-	550	-	-	-	550	-	550
Fund Balance	-	-	-	-	-	-	-	-	500
General Obligation Bonds	-	-	6,175	-	-	-	6,175	-	6,175
Adopted FY 2018 CIP	-	-	8,525	-	-	-	8,525	-	9,025
Local Tax Funding	-	-	2,350	-	-	-	2,350	-	2,350
Fund Balance	-	-	-	-	-	-	-	-	500
General Obligation Bonds	-	-	6,175	-	-	-	6,175	-	6,175
Scott Jenkins Memorial Park Phase III									
Adopted FY 2019 CIP	-	-	2,255	-	-	-	2,255	-	2,255
Local Tax Funding	-	-	500	-	-	-	500	-	500
General Obligation Bonds	-	-	1,755	-	-	-	1,755	-	1,755
Adopted FY 2018 CIP	-	-	2,255	-	-	-	2,255	-	2,255
Local Tax Funding	-	-	500	-	-	-	500	-	500
General Obligation Bonds	-	-	1,755	-	-	-	1,755	-	1,755



PARKS, RECREATION & CULTURE		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
STEM Library										
	Adopted FY 2019 CIP	-	-	5,900	41,100	-	-	47,000	-	47,000
	General Obligation Bonds	-	-	5,900	41,100	-	-	47,000	-	47,000
	Adopted FY 2018 CIP	-	-	5,900	41,100	-	-	47,000	-	47,000
	General Obligation Bonds	-	-	5,900	41,100	-	-	47,000	-	47,000
Town of Hamilton - Community Park										
	Adopted FY 2019 CIP	50	-	-	-	-	-	50	-	50
	Local Tax Funding	50	-	-	-	-	-	50	-	50
Town of Leesburg - Veteran's Park										
	Adopted FY 2019 CIP	-	-	4,000	-	-	-	4,000	-	4,000
	Local Tax Funding	-	-	4,000	-	-	-	4,000	-	4,000
	Adopted FY 2018 CIP	-	-	4,000	-	-	-	4,000	-	4,000
	Local Tax Funding	-	-	4,000	-	-	-	4,000	-	4,000
Town of Round Hill - Sleeter Lake Park										
	Adopted FY 2019 CIP	185	-	-	-	-	-	185	-	423
	Cash Proffers - Interest	185	-	-	-	-	-	185	-	423
	Adopted FY 2018 CIP	-	-	-	-	-	-	-	-	238
	Cash Proffers - Interest	-	-	-	-	-	-	-	-	238
Western Loudoun Recreation Center										
	Adopted FY 2019 CIP	-	-	-	-	-	-	-	103,575	103,575
	General Obligation Bonds	-	-	-	-	-	-	-	103,575	103,575
PUBLIC SAFETY										
Animal Services Building										
	Adopted FY 2019 CIP	2,400	-	-	-	-	-	2,400	-	17,895
	Local Tax Funding	-	-	-	-	-	-	-	-	125
	General Obligation Bonds	2,400	-	-	-	-	-	2,400	-	17,770
	Adopted FY 2018 CIP	-	-	-	-	-	-	-	-	15,495
	Local Tax Funding	-	-	-	-	-	-	-	-	125
	General Obligation Bonds	-	-	-	-	-	-	-	-	15,370
Courts Complex Phase III										
	Adopted FY 2019 CIP	10,000	-	17,600	-	-	-	27,600	-	107,010
	Local Tax Funding	-	-	-	-	-	-	-	-	2,010
	Lease Revenue Finance	10,000	-	17,600	-	-	-	27,600	-	105,000
	Adopted FY 2018 CIP	-	-	9,600	-	-	-	9,600	-	89,010
	Local Tax Funding	-	-	-	-	-	-	-	-	2,010
	Lease Revenue Finance	-	-	9,600	-	-	-	9,600	-	87,000



PUBLIC SAFETY	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
F&R Capital Apparatus									
Adopted FY 2019 CIP	3,000	3,090	3,183	3,278	3,377	3,478	19,405	14,988	70,466
General Obligation Bonds	-	-	-	-	-	-	-	-	17,215
Lease Revenue Financing	-	-	-	-	-	-	-	-	12,858
Local Tax Funding	3,000	3,090	3,183	3,278	3,377	3,478	19,405	14,988	40,393
Adopted FY 2018 CIP	3,000	3,000	3,000	3,000	3,000	3,000	18,000	6,000	54,073
General Obligation Bonds	-	-	-	-	-	-	-	-	17,215
Lease Revenue Financing	-	-	-	-	-	-	-	-	12,858
Local Tax Funding	3,000	3,000	3,000	3,000	3,000	3,000	18,000	6,000	24,000
F&R Training Academy Center Expansion									
Adopted FY 2019 CIP	750	-	6,500	-	-	-	7,250	-	7,250
Local Tax Funding	750	-	-	-	-	-	750	-	750
General Obligation Bonds	-	-	6,500	-	-	-	6,500	-	6,500
Adopted FY 2018 CIP	-	780	6,500	-	-	-	7,280	-	7,280
Local Tax Funding	-	780	-	-	-	-	780	-	780
General Obligation Bonds	-	-	6,500	-	-	-	6,500	-	6,500
F&R Training Tower									
Adopted FY 2019 CIP	-	500	-	-	-	-	500	-	500
Local Tax Funding	-	500	-	-	-	-	500	-	500
Adopted FY 2018 CIP	-	500	-	-	-	-	500	-	500
Local Tax Funding	-	500	-	-	-	-	500	-	500
F&R Vehicle Annex									
Adopted FY 2019 CIP	-	-	-	640	5,700	-	6,340	-	6,340
Local Tax Funding	-	-	-	640	-	-	640	-	640
General Obligation Bonds	-	-	-	-	5,700	-	5,700	-	5,700
Adopted FY 2018 CIP	-	-	-	640	5,700	-	6,340	-	6,340
Local Tax Funding	-	-	-	640	-	-	640	-	640
General Obligation Bonds	-	-	-	-	5,700	-	5,700	-	5,700
Juvenile Detention Center Phase II									
Adopted FY 2019 CIP	-	-	-	-	5,195	-	5,195	-	5,195
Lease Revenue Finance	-	-	-	-	5,195	-	5,195	-	5,195
Adopted FY 2018 CIP	-	-	-	-	5,195	-	5,195	-	5,195
Lease Revenue Finance	-	-	-	-	5,195	-	5,195	-	5,195
Public Safety - E-911 Phone Switch Replacement									
Adopted FY 2019 CIP	-	-	-	2,300	-	-	2,300	-	2,300
Lease Revenue Finance	-	-	-	2,300	-	-	2,300	-	2,300
Public Safety - Handheld Radio Replacements									
Adopted FY 2019 CIP	-	-	-	9,500	-	-	9,500	-	9,500
Lease Revenue Finance	-	-	-	9,500	-	-	9,500	-	9,500
Public Safety - Radio Tower Coverage Sites									
Adopted FY 2019 CIP	1,400	-	-	-	-	-	1,400	-	1,400
Lease Revenue Finance	1,400	-	-	-	-	-	1,400	-	1,400



PUBLIC SAFETY	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Public Safety - School Emergency Radio Coverage									
Adopted FY 2019 CIP	500	-	-	-	-	-	500	-	500
Local Tax Funding	500	-	-	-	-	-	500	-	500
Station #04 - Round Hill Station Replacement									
Adopted FY 2019 CIP	1,900	13,760	-	-	-	-	15,660	-	15,660
General Obligation Bonds	1,900	13,760	-	-	-	-	15,660	-	15,660
Adopted FY 2018 CIP	1,900	13,760	-	-	-	-	15,660	-	15,660
General Obligation Bonds	1,900	13,760	-	-	-	-	15,660	-	15,660
Station #07 - Aldie Station Replacement									
Adopted FY 2019 CIP	4,000	-	-	-	-	-	4,000	-	18,860
Local Tax Funding	-	-	-	-	-	-	-	-	5,355
General Obligation Bonds	-	-	-	-	-	-	-	-	9,505
Lease Revenue Finance	4,000	-	-	-	-	-	4,000	-	4,000
Adopted FY 2018 CIP	4,000	-	-	-	-	-	4,000	-	18,860
Local Tax Funding	-	-	-	-	-	-	-	-	5,355
General Obligation Bonds	-	-	-	-	-	-	-	-	9,505
Lease Revenue Finance	4,000	-	-	-	-	-	4,000	-	4,000
Station #08 - Philomont Station Replacement									
Adopted FY 2019 CIP	-	-	-	2,200	13,725	-	13,725	-	13,725
Local Tax Funding	-	-	-	2,200	-	-	2,200	-	2,200
General Obligation Bonds	-	-	-	-	13,725	-	13,725	-	13,725
Adopted FY 2018 CIP	-	-	-	2,200	13,725	-	15,925	-	15,925
General Obligation Bonds	-	-	-	2,200	13,725	-	15,925	-	15,925
Station #28 - Leesburg South Station Renovation									
Adopted FY 2019 CIP	-	-	2,200	15,400	-	-	17,600	-	17,600
General Obligation Bonds	-	-	2,200	15,400	-	-	17,600	-	17,600
Adopted FY 2018 CIP	-	-	2,200	15,400	-	-	17,600	-	17,600
General Obligation Bonds	-	-	2,200	15,400	-	-	17,600	-	17,600
Station #29 - Route 606 New Station									
Adopted FY 2019 CIP	-	-	-	-	2,400	16,610	19,010	-	19,010
General Obligation Bonds	-	-	-	-	2,400	16,610	19,010	-	19,010
Adopted FY 2018 CIP	-	-	-	-	2,400	16,610	19,010	-	19,010
General Obligation Bonds	-	-	-	-	2,400	16,610	19,010	-	19,010



Transportation Capital Projects

ROADS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Arcola Boulevard (Route 50 to Route 606)									
Adopted FY 2019 CIP	6,593	2,630	12,195	29,479	12,612	-	63,509	-	65,194
Local Tax Funding \$0.02	6,593	2,630	10,000	12,000	-	-	31,223	-	31,223
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 30% Local	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	2,195	12,479	12,612	-	27,286	-	28,971
Adopted FY 2018 CIP	8,130	6,030	10,000	10,000	18,100	-	52,260	-	52,260
Local Tax Funding \$0.02	2,500	2,630	5,000	5,000	9,050	-	24,180	-	24,180
Revenue Sharing	-	-	5,000	5,000	4,625	-	14,625	-	14,625
NVTA 30% Local	1,630	-	-	-	4,425	-	6,055	-	6,055
NVTA 70% Regional	4,000	3,400	-	-	-	-	7,400	-	7,400
Belmont Ridge Rd (Shreveport - Evergreen Mills)									
Adopted FY 2019 CIP	-	-	-	1,755	3,045	16,375	21,175	-	21,175
Local Tax Funding \$0.02	-	-	-	-	625	2,375	3,000	-	3,000
General Obligation Bonds	-	-	-	1,755	2,420	-	4,175	-	4,175
NVTA 70% Regional	-	-	-	-	-	14,000	14,000	-	14,000
Adopted FY 2018 CIP	-	-	-	1,435	8,515	7,350	17,300	-	17,300
Local Tax Funding \$0.02	-	-	-	-	-	1,840	1,840	-	1,840
General Obligation Bonds	-	-	-	1,435	8,515	-	9,950	-	9,950
NVTA 70% Regional	-	-	-	-	-	5,510	5,510	-	5,510
Belmont Ridge Rd (Truro Parish - Croson Ln)									
Adopted FY 2019 CIP	5,000	-	-	-	-	-	5,000	-	42,263
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	13,800
Cash Proffers	-	-	-	-	-	-	-	-	1,283
General Obligation Bonds	-	-	-	-	-	-	-	-	1,080
Revenue Sharing	5,000	-	-	-	-	-	5,000	-	5,000
NVTA 70% Regional	-	-	-	-	-	-	-	-	19,500
NVTA 30% Local	-	-	-	-	-	-	-	-	1,600
Adopted FY 2018 CIP	-	-	-	-	-	-	-	-	43,863
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	14,600
Cash Proffers	-	-	-	-	-	-	-	-	1,283
General Obligation Bonds	-	-	-	-	-	-	-	-	1,080
Revenue Sharing	-	-	-	-	-	-	-	-	5,000
NVTA 70% Regional	-	-	-	-	-	-	-	-	19,500
NVTA 30% Local	-	-	-	-	-	-	-	-	2,400



ROADS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Braddock Rd Widening (Rt 659 - Fairfax Line)									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	154,760	154,760
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	102,210	102,210
NVTA 30% Local	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	-	-	-	-	-	-	52,550	52,550
Adopted FY 2018 CIP	-	-	-	-	-	15,920	15,920	138,840	154,760
Local Tax Funding \$0.02	-	-	-	-	-	-	-	29,945	29,945
General Obligation Bonds	-	-	-	-	-	15,920	15,920	44,865	60,785
NVTA 30% Local	-	-	-	-	-	-	-	11,480	11,480
NVTA 70% Regional	-	-	-	-	-	-	-	52,550	52,550
Braddock Rd Widening (Rt 659 - Royal Hunter)									
Adopted FY 2019 CIP	-	1,000	1,000	4,095	-	-	6,095	-	6,095
Local Tax Funding \$0.02	-	220	140	75	-	-	435	-	435
General Obligation Bonds	-	780	860	4,020	-	-	5,660	-	5,660
Adopted FY 2018 CIP	-	-	-	1,000	1,000	4,095	6,095	-	6,095
Local Tax Funding \$0.02	-	-	-	-	-	4,095	4,095	-	4,095
General Obligation Bonds	-	-	-	1,000	1,000	-	2,000	-	2,000
Croscon Ln Widening (Claiborne - Old Ryan Road)									
Adopted FY 2019 CIP	-	-	2,700	1,750	-	16,450	20,900	-	20,900
Local Tax Funding \$0.02	-	-	-	-	-	9,450	9,450	-	9,450
Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
General Obligation Bonds	-	-	2,700	1,750	-	2,000	6,450	-	6,450
Adopted FY 2018 CIP	-	-	-	2,920	1,900	16,450	21,270	-	21,270
Local Tax Funding \$0.02	-	-	-	-	-	8,065	8,065	-	8,065
General Obligation Bonds	-	-	-	2,920	1,900	8,385	13,205	-	13,205
Crosstrail Boulevard - Section B									
Adopted FY 2019 CIP	41,560	-	-	-	-	-	41,560	-	74,860
Local Tax Funding	5,000	-	-	-	-	-	-	-	2,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	30,000
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	1,300
General Obligation Bonds	36,450	-	-	-	-	-	41,560	-	41,560
Adopted FY 2018 CIP	-	41,560	-	-	-	-	41,560	-	74,860
Local Tax Funding	-	-	-	-	-	-	-	-	2,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	30,000
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	1,300
General Obligation Bonds	-	41,560	-	-	-	-	41,560	-	41,560



ROADS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Dulles West Boulevard (Arcola to Northstar)									
Adopted FY 2019 CIP	-	-	6,000	3,000	3,000	31,700	43,700	-	43,700
General Obligation Bonds	-	-	6,000	3,000	-	-	9,000	-	9,000
NVTA 70% Regional	-	-	-	-	3,000	31,700	34,700	-	34,700
Adopted FY 2018 CIP	-	-	10,600	12,100	21,000	-	43,700	-	43,700
General Obligation Bonds	-	-	10,600	-	-	-	10,600	-	10,600
NVTA 70% Regional	-	-	-	12,100	21,000	-	33,100	-	33,100
Dulles West Boulevard (Dulles Landing to Arcola)									
Adopted FY 2019 CIP	4,100	4,000	-	9,114	-	-	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
NVTA 70% Regional	4,100	4,000	-	6,600	-	-	14,700	-	14,700
Adopted FY 2018 CIP	8,100	9,114	-	-	-	-	17,214	-	17,214
Cash Proffers	-	2,514	-	-	-	-	2,514	-	2,514
NVTA 70% Local	8,100	6,600	-	-	-	-	14,700	-	14,700
Elk Lick Rd Intersection Improvements									
Adopted FY 2019 CIP	-	-	-	1,565	-	-	1,565	-	1,654
Local Tax Funding	-	-	-	-	-	-	-	-	89
General Obligation Bonds	-	-	-	1,565	-	-	1,565	-	1,565
Adopted FY 2018 CIP	-	-	-	1,565	-	-	1,565	-	1,654
Local Tax Funding	-	-	-	-	-	-	-	-	89
General Obligation Bonds	-	-	-	1,565	-	-	1,565	-	1,565
Evergreen Mills Rd (Northstar - Stone Springs)									
Adopted FY 2019 CIP	-	3,285	5,600	6,000	16,000	-	30,885	-	30,885
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 30% Local	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	-	-	-	16,000	-	16,000	-	16,000
Adopted FY 2018 CIP	-	3,285	6,000	20,480	13,000	32,600	75,365	-	75,365
Local Tax Funding \$0.02	-	-	-	-	1,830	-	1,830	-	1,830
General Obligation Bonds	-	-	6,000	2,280	3,470	-	11,750	-	11,750
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 30% Local	-	3,285	-	-	-	-	3,285	-	3,285
NVTA 70% Regional	-	-	-	13,200	7,700	32,600	53,500	-	53,500



ROADS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Evergreen Mills Rd (Stone Springs to Loudoun County Parkway)									
Adopted FY 2019 CIP	-	-	6,000	10,000	22,000	-	38,000	-	38,000
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	5,000	2,908	-	7,908	-	7,908
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 30% Local	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	-	6,000	5,000	19,092	-	30,092	-	30,092
Adopted FY 2018 CIP	-	-	3,800	29,743	-	-	33,543	-	33,543
Local Tax Funding \$0.02	-	-	-	7,030	-	-	7,030	-	7,030
General Obligation Bonds	-	-	3,800	9,000	-	-	12,800	-	12,800
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 30% Local	-	-	-	3,050	-	-	3,050	-	3,050
NVTA 70% Regional	-	-	-	10,663	-	-	10,663	-	10,663
Evergreen Mills Rd Realignments (Watson & Reservoir)									
Adopted FY 2019 CIP	2,000	2,500	9,500	-	-	-	14,000	-	14,000
General Obligation Bonds	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	2,000	2,500	9,500	-	-	-	14,000	-	14,000
Adopted FY 2018 CIP	-	-	-	805	3,010	-	3,815	-	3,815
General Obligation Bonds	-	-	-	805	3,010	-	3,815	-	3,815
Farmwell Road Intersection Improvements									
Adopted FY 2019 CIP	-	12,000	12,235	-	-	-	24,235	-	32,099
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	-
Proffers Cash	-	-	-	-	-	-	-	-	864
General Obligation Bonds	-	12,000	7,235	-	-	-	19,235	-	19,235
Revenue Sharing	-	-	5,000	-	-	-	5,000	-	8,500
NVTA 30% Local	-	-	-	-	-	-	-	-	3,500
Adopted FY 2018 CIP	21,300	-	-	-	-	-	21,300	-	29,164
Local Tax Funding \$0.02	2,300	-	-	-	-	-	2,300	-	2,300
Proffers Cash	-	-	-	-	-	-	-	-	864
General Obligation Bonds	12,000	-	-	-	-	-	12,000	-	12,000
Revenue Sharing	3,500	-	-	-	-	-	3,500	-	7,000
NVTA 30% Local	3,500	-	-	-	-	-	3,500	-	7,000



ROADS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
George Washington Boulevard Overpass									
Adopted FY 2019 CIP	3,077	9,669	10,113	3,000	-	-	25,859	-	31,460
RSTP	3,077	9,669	10,113	3,000	-	-	25,859	-	31,460
Adopted FY 2018 CIP	3,077	9,669	10,113	3,000	-	-	25,859	-	31,460
RSTP	3,077	9,669	10,113	3,000	-	-	25,859	-	31,460
Intelligent Transportation System (ITS)									
Adopted FY 2019 CIP	1,050	-	-	-	-	1,277	2,327	-	2,327
Lease Revenue Finance	1,050	-	-	-	-	1,277	2,327	-	2,327
Loudoun County Parkway Widening (Ryan Road to Shellhorn Road)									
Adopted FY 2019 CIP	-	-	-	-	-	3,795	3,795	18,395	22,190
General Obligation Bonds	-	-	-	-	-	3,795	3,795	18,395	22,190
Moorefield Boulevard (Mooreview Pkwy to Moorefield Station)									
Adopted FY 2019 CIP	4,340	-	-	-	-	-	4,340	-	4,340
NVTA 30% Local	4,340	-	-	-	-	-	4,340	-	4,340
Adopted FY 2018 CIP	4,600	-	-	-	-	-	4,600	-	4,600
NVTA 30% Local	4,600	-	-	-	-	-	4,600	-	4,600
Northstar Boulevard (Shreveport to Rt 50)									
Adopted FY 2019 CIP	-	7,288	-	23,644	10,000	24,500	65,432	-	88,087
Local Tax Funding \$0.02	-	7,288	-	-	-	-	7,288	-	10,588
Revenue Sharing	-	-	-	-	-	-	-	-	9,600
NVTA 30% Local	-	-	-	-	-	-	-	-	9,755
NVTA 70% Regional	-	-	-	23,644	10,000	24,500	58,144	-	58,144
Adopted FY 2018 CIP	26,040	-	-	-	-	-	26,040	-	59,776
Local Tax Funding \$0.02	3,600	-	-	-	-	-	3,600	-	6,900
Revenue Sharing	1,500	-	-	-	-	-	1,500	-	11,100
NVTA 30% Local	-	-	-	-	-	-	-	-	9,755
Northstar Boulevard (Rt 50 - Tall Cedars)									
Adopted FY 2019 CIP	5,000	29,992	-	-	-	-	34,992	-	46,924
Cash Proffers	-	-	-	-	-	-	-	-	732
Revenue Sharing	-	5,000	-	-	-	-	5,000	-	7,350
NVTA 30% Local	5,000	-	-	-	-	-	5,000	-	7,350
NVTA 70% Regional	-	24,992	-	-	-	-	24,992	-	31,492
Adopted FY 2018 CIP	10,000	-	-	-	-	-	10,000	-	35,992
Cash Proffers	-	-	-	-	-	-	-	-	732
Revenue Sharing	5,000	-	-	-	-	-	5,000	-	7,350
NVTA 30% Local	5,000	-	-	-	-	-	5,000	-	7,350
NVTA 70% Regional	-	-	-	-	-	-	-	-	20,560



ROADS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Northstar Boulevard (Tall Cedars to Braddock)									
Adopted FY 2019 CIP	-	-	-	2,693	-	25,675	28,368	-	28,368
General Obligation Bonds	-	-	-	2,500	-	-	2,500	-	2,500
Cash Proffers	-	-	-	193	-	-	193	-	193
NVTA 70% Regional	-	-	-	-	-	25,675	25,675	-	25,675
Adopted FY 2018 CIP	-	-	-	2,693	19,500	-	22,193	-	22,193
General Obligation Bonds	-	-	-	2,500	-	-	2,500	-	2,500
Cash Proffers	-	-	-	193	-	-	193	-	193
NVTA 70% Regional	-	-	-	-	19,500	-	19,500	-	19,500
Prentice Drive									
Adopted FY 2019 CIP	-	18,000	6,900	33,425	30,000	5,000	93,325	-	102,325
Local Tax Funding \$0.02	-	-	3,400	1,695	-	-	5,095	-	5,095
Fund Balance	-	-	-	-	-	-	-	-	9,000
General Obligation Bonds	-	12,000	-	-	-	-	12,000	-	12,000
NVTA 30% Local	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	6,000	3,500	31,730	30,000	5,000	76,230	-	76,230
Adopted FY 2018 CIP	-	32,000	48,650	-	-	-	80,650	-	89,650
Local Tax Funding \$0.02	-	-	3,400	-	-	-	3,400	-	3,400
Fund Balance	-	-	-	-	-	-	-	-	9,000
General Obligation Bonds	-	12,000	-	-	-	-	12,000	-	12,000
NVTA 30% Local	-	-	1,770	-	-	-	1,770	-	1,770
NVTA 70% Regional	-	20,000	43,480	-	-	-	63,480	-	63,480
Route 15/Braddock Roundabout									
Adopted FY 2019 CIP CIP	-	-	-	-	-	1,015	1,015	10,480	11,495
General Obligation Bonds	-	-	-	-	-	1,015	1,015	10,480	11,495
Route 15 Bypass/ Edwards Ferry Rd									
Adopted FY 2019 CIP	-	-	1,200	1,500	-	1,700	4,400	-	6,400
NVTA 70% Regional	-	-	-	-	-	-	-	-	2,000
RSTP	-	-	1,200	1,500	-	1,700	4,400	-	4,400
Adopted FY 2018 CIP	-	-	1,200	1,500	-	-	2,700	-	4,700
NVTA 70% Regional	-	-	-	-	-	-	-	-	2,000
RSTP	-	-	1,200	1,500	-	-	2,700	-	2,700



ROADS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Route 15 Bypass to Montresor Road									
Adopted FY 2019 CIP	3,500	-	6,000	11,592	57,841	-	78,933	-	78,933
Local Tax Funding \$0.02	3,500	-	-	-	5,665	-	9,165	-	9,165
General Obligation Bonds	-	-	-	5,592	10,176	-	15,768	-	15,768
NVTA 70% Regional	-	-	6,000	6,000	42,000	-	54,000	-	54,000
Adopted FY 2018 CIP	-	-	-	-	7,110	6,050	13,160	72,590	85,750
Local Tax Funding \$0.02	-	-	-	-	-	-	-	55	55
General Obligation Bonds	-	-	-	-	7,110	-	7,110	21,465	28,575
NVTA 70% Regional	-	-	-	-	-	6,050	6,050	51,070	57,120
Route 28 Northbound (Dulles Toll Road to Sterling Blvd)									
Adopted FY 2019 CIP	20,000	-	-	-	-	-	20,000	-	20,000
NVTA 70% Regional	20,000	-	-	-	-	-	20,000	-	20,000
Route 50 / Everfield Roundabout									
Adopted FY 2019 CIP	-	-	-	-	-	1,015	1,015	10,480	11,495
General Obligation Bonds	-	-	-	-	-	1,015	1,015	10,480	11,495
NVTA 70% Regional	-	-	-	-	-	-	-	-	-
Adopted FY 2018 CIP	-	-	-	1,215	1,290	5,470	7,975	-	7,975
General Obligation Bonds	-	-	-	1,215	1,290	-	2,505	-	2,505
NVTA 70% Regional	-	-	-	-	-	5,470	5,470	-	5,470
Route 50 & Route 606 Interchange									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	500,000	500,000
To Be Determined	-	-	-	-	-	-	-	500,000	500,000
Adopted FY 2018 CIP	-	-	-	-	-	-	-	500,000	500,000
To Be Determined	-	-	-	-	-	-	-	500,000	500,000
Route 50 North Collector Road (Air & Space Museum Parkway to Tall									
Adopted FY 2019 CIP	-	-	-	8,190	-	36,800	44,990	47,720	92,710
Local Tax Funding \$0.02	-	-	-	-	-	5,695	5,695	-	5,695
General Obligation Bonds	-	-	-	8,190	-	31,105	39,295	65,220	87,015
Route 50 North Collector Road (Tall Cedars Parkway to Loudoun County Parkway)									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	77,380	77,380
General Obligation Bonds	-	-	-	-	-	-	-	77,380	77,380



ROADS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Route 50 Corridor Improvements									
Adopted FY 2019 CIP	645	6,125	-	-	-	-	6,770	-	6,770
Local Tax Funding \$0.02	645	-	-	-	-	-	-	-	-
Local Tax Funding	-	3,000	-	-	-	-	3,645	-	3,645
General Obligation Bonds	-	3,125	-	-	-	-	3,125	-	3,125
Route 50/Trailhead Roundabout									
Adopted FY 2019 CIP	-	-	-	1,215	1,290	7,495	10,000	-	10,000
General Obligation Bonds	-	-	-	1,215	1,290	7,495	10,000	-	10,000
Route 7/ Route 287 Interchange									
Adopted FY 2019 CIP	2,115	-	-	4,390	5,001	-	11,506	-	11,506
Local Tax Funding \$0.02	115	-	-	-	-	-	115	-	115
General Obligation Bonds	-	-	-	-	-	-	-	-	-
NVTA 30% Local	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	-	-	-	-	-	-	-	-
Smart Scale	2,000	-	-	4,390	5,001	-	11,391	-	11,391
Adopted FY 2018 CIP	-	-	2,200	8,800	-	-	11,000	-	11,000
General Obligation Bonds	-	-	1,345	-	-	-	1,345	-	1,345
NVTA 30% Local	-	-	855	-	-	-	855	-	855
NVTA 70% Regional	-	-	-	8,800	-	-	8,800	-	8,800
Route 7/ Route 690 Interchange									
Adopted FY 2019 CIP	405	3,845	19,420	5,500	4,065	-	33,235	-	40,735
Local Tax Funding \$0.02	405	-	2,320	-	-	-	2,725	-	2,725
Local Tax Funding	-	-	-	-	-	-	-	-	1,500
General Obligation Bonds	-	-	17,100	-	-	-	17,100	-	23,100
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 30% Local	-	3,845	-	-	-	-	3,845	-	3,845
Smart Scale	-	-	-	5,500	4,065	-	9,565	-	9,565
Adopted FY 2018 CIP	7,805	10,770	10,365	-	-	-	28,940	-	36,440
Local Tax Funding	-	-	-	-	-	-	-	-	1,500
Local Tax Funding \$0.02	5,000	5,770	5,000	-	-	-	15,770	-	15,770
General Obligation Bonds	2,000	-	-	-	-	-	2,000	-	8,000
Revenue Sharing	-	5,000	5,000	-	-	-	10,000	-	10,000
NVTA 30% Local	805	-	365	-	-	-	1,170	-	1,170



ROADS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Route 9 / Route 287 Roundabout									
Adopted FY 2019 CIP	-	13,255	-	-	-	-	13,255	-	14,483
Cash Proffers	-	-	-	-	-	-	-	-	228
NVTA 30% Local	-	-	-	-	-	-	-	-	1,000
General Obligation Bonds	-	13,255	-	-	-	-	13,255	-	13,255
Adopted FY 2018 CIP	-	13,255	-	-	-	-	13,255	-	14,483
Cash Proffers	-	-	-	-	-	-	-	-	228
NVTA 30% Local	-	-	-	-	-	-	-	-	1,000
General Obligation Bonds	-	13,255	-	-	-	-	13,255	-	13,255
Ryan Road Widening (Evergreen Mills to Northstar)									
Adopted FY 2019 CIP	-	-	-	-	-	1,835	1,835	19,145	20,980
General Obligation Bonds	-	-	-	-	-	1,835	1,835	19,145	20,980
Seneca Ridge Drive Improvements (S. Cottage Rd. to Augusta Dr.)									
Adopted FY 2019 CIP	1,040	-	-	-	-	-	1,040	-	1,040
Local Tax Funding \$0.02	1,040	-	-	-	-	-	1,040	-	1,040
Shellhorn Road									
Adopted FY 2019 CIP	-	10,000	6,000	-	102,750	-	118,750	-	126,750
Revenue Sharing	-	-	-	-	5,000	-	5,000	-	5,000
Local Tax Funding \$0.02	-	-	-	-	10,963	-	10,963	-	10,963
General Obligation Bonds	-	-	-	-	86,787	-	86,787	-	94,787
NVTA 70% Regional	-	10,000	6,000	-	-	-	16,000	-	16,000
Adopted FY 2018 CIP	4,000	8,000	-	-	102,750	-	114,750	-	126,750
General Obligation Bonds	-	-	-	-	102,750	-	102,750	-	110,750
NVTA 70% Regional	4,000	8,000	-	-	-	-	12,000	-	16,000
Trailhead/Braddock Roundabout									
Adopted FY 2019 CIP CIP	-	-	-	-	-	1,015	1,015	10,480	11,495
General Obligation Bonds	-	-	-	-	-	1,015	1,015	10,480	11,495



ROADS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Waxpool/Loudoun County Pkwy Intersection									
Adopted FY 2019 CIP	3,628	-	-	-	-	-	3,628	-	6,348
Local Tax Funding \$0.02	60	-	-	-	-	-	60	-	206
Fund Balance	-	-	-	-	-	-	-	-	361
Cash Proffers	-	-	-	-	-	-	-	-	2,213
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 30% Local	-	-	-	-	-	-	-	-	-
Smart Scale	277	-	-	-	-	-	277	-	277
CMAQ	3,291	-	-	-	-	-	3,291	-	3,291
Adopted FY 2018 CIP	-	-	-	-	-	-	-	-	5,520
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	146
Fund Balance	-	-	-	-	-	-	-	-	1,000
Cash Proffers	-	-	-	-	-	-	-	-	2,213
Revenue Sharing	-	-	-	-	-	-	-	-	1,700
NVTA 30% Local	-	-	-	-	-	-	-	-	461
Westwind Dr (State St - Ladbrook)									
Adopted FY 2019 CIP	8,830	5,000	7,900	20,135	9,436	-	51,301	-	51,301
Local Tax Funding	8,261	-	-	-	-	-	7,654	-	7,654
Local Tax Funding \$0.02	430	5,000	-	-	-	-	6,075	-	6,075
General Obligation Bonds	-	-	7,900	9,750	-	-	17,650	-	17,650
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 30% Local	139	-	-	-	-	-	139	-	139
NVTA 70% Regional	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	10,385	9,436	-	19,821	-	19,821
Adopted FY 2018 CIP	8,000	22,239	13,460	-	-	-	43,699	-	43,699
Local Tax Funding \$0.02	-	5,000	-	-	-	-	5,000	-	5,000
General Obligation Bonds	-	-	13,000	-	-	-	13,000	-	13,000
Revenue Sharing	-	5,000	-	-	-	-	5,000	-	5,000
NVTA 70% Regional	8,000	12,239	-	-	-	-	20,239	-	20,239



Sidewalks, Signals and Traffic Calming	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	PROJECT TOTAL
Belmont Ridge Road & Legacy Park Drive Traffic Signal									
Adopted FY 2019 CIP	-	-	-	-	-	200	200	800	1,000
Local Tax Funding - \$0.02	-	-	-	-	-	200	200	800	1,000
Contingency - Sidewalk									
Adopted FY 2019 CIP	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	12,000
Local Tax Funding \$0.02	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	10,000
NVTA 30% Local	-	-	-	-	-	-	-	-	2,000
Adopted FY 2018 CIP	1,000	1,000	1,000	1,000	1,000	-	5,000	-	7,000
Local Tax Funding \$0.02	1,000	1,000	1,000	1,000	1,000	-	5,000	-	5,000
NVTA 30% Local	-	-	-	-	-	-	-	-	2,000
Contingency - Traffic Calming									
Adopted FY 2019 CIP	250	250	250	250	250	250	1,500	1,000	2,700
Local Tax Funding \$0.02	250	250	250	250	250	250	1,500	1,000	2,500
NVTA 30% Local	-	-	-	-	-	-	-	-	200
Adopted FY 2018 CIP	100	100	100	100	100	-	500	-	700
Local Tax Funding \$0.02	100	100	100	100	100	-	500	-	500
NVTA 30% Local	-	-	-	-	-	-	-	-	200
Contingency - Traffic Signals									
Adopted FY 2019 CIP	750	750	750	750	750	750	4,500	3,000	8,500
Local Tax Funding \$0.02	750	750	750	750	750	750	4,500	3,000	7,500
NVTA 30% Local	-	-	-	-	-	-	-	-	1,000
Adopted FY 2018 CIP	500	500	500	500	500	-	2,500	-	3,500
Local Tax Funding \$0.02	500	500	500	500	500	-	2,500	-	2,500
NVTA 30% Local	-	-	-	-	-	-	-	-	1,000
Harmony MS Sidewalk									
Adopted FY 2019 CIP	-	-	-	1,260	-	1,900	3,160	-	3,160
General Obligation Bonds	-	-	-	1,260	-	1,900	3,160	-	3,160
NVTA 30% Local	-	-	-	-	-	-	-	-	-
Adopted FY 2018 CIP	-	-	-	1,260	-	1,900	3,160	-	3,160
General Obligation Bonds	-	-	-	1,260	-	-	1,260	-	1,260
NVTA 30% Local	-	-	-	-	-	1,900	1,900	-	1,900



Sidewalks, Signals and Traffic Calming	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future Fiscal Years	PROJECT TOTAL
Intersection Improvements									
Adopted FY 2019 CIP	1,612	2,215	6,355	13,165	13,690	14,235	51,272	62,900	114,172
Local Tax Funding \$0.02	1,612	-	-	-	-	-	1,612	-	1,612
General Obligation Bonds	-	2,215	6,355	13,165	13,690	14,235	49,660	62,900	112,560
Loudoun County Parkway Shared-Use Path									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	8,435	8,435
General Obligation Bonds	-	-	-	-	-	-	-	8,435	8,435
Poland Road Shared-Use Path									
Adopted FY 2019 CIP	-	-	-	1,220	-	1,065	2,285	-	2,285
General Obligation Bonds	-	-	-	1,220	-	1,065	2,285	-	2,285
NVTA 30% Local	-	-	-	-	-	-	-	-	-
Adopted FY 2018 CIP	-	-	-	1,220	-	1,065	2,285	-	2,285
General Obligation Bonds	-	-	-	1,220	-	-	1,220	-	1,220
NVTA 30% Local	-	-	-	-	-	1,065	1,065	-	1,065
River Creek Parkway Sidewalk									
Adopted FY 2019 CIP	-	-	-	1,315	-	-	1,315	-	1,315
General Obligation Bonds	-	-	-	1,315	-	-	1,315	-	1,315
Adopted FY 2018 CIP	-	-	-	1,315	-	-	1,315	-	1,315
General Obligation Bonds	-	-	-	1,315	-	-	1,315	-	1,315
Route 7 Pedestrian Crossings									
Adopted FY 2019 CIP	855	-	1,000	1,000	4,200	-	7,055	-	7,055
Local Tax Funding \$0.02	-	-	-	1,000	-	-	1,000	-	1,000
General Obligation Bonds	-	-	1,000	-	4,200	-	5,200	-	5,200
Lease Revenue Finance	855	-	-	-	-	-	855	-	855
Sidewalk and Trail Program									
Adopted FY 2019 CIP	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505
General Obligation Bonds	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505
Ryan Road & Olympia Drive Traffic Signal									
Adopted FY 2019 CIP	-	-	-	-	-	200	200	800	1,000
Local Tax Funding - \$0.02	-	-	-	-	-	200	200	800	1,000
Sterling Blvd / W&OD Overpass									
Adopted FY 2019 CIP	-	-	7,745	-	-	-	7,745	-	7,745
General Obligation Bonds	-	-	7,745	-	-	-	7,745	-	7,745
Adopted FY 2018 CIP	-	-	7,745	-	-	-	7,745	-	7,745
General Obligation Bonds	-	-	7,745	-	-	-	7,745	-	7,745



TOWNS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Town of Hillsboro Traffic Calming and Pedestrian Safety									
Adopted FY 2019 CIP	12,112	-	-	-	-	-	12,112	-	17,394
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	800
Fund Balance	-	-	-	-	-	-	-	-	639
Proffers (Cash)	-	-	-	-	-	-	-	-	482
NVTA 30% Local	-	-	-	-	-	-	-	-	3,361
NVTA 70% Regional	12,112	-	-	-	-	-	12,112	-	12,112
Adopted FY 2018 CIP	-	-	-	-	-	-	-	-	5,282
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	800
Fund Balance	-	-	-	-	-	-	-	-	639
Proffers (Cash)	-	-	-	-	-	-	-	-	482
NVTA 30% Local	-	-	-	-	-	-	-	-	3,361
Town of Leesburg - Evergreen Mill Road Widening									
Adopted FY 2019 CIP	4,200	-	1,800	-	-	-	6,000	-	6,000
Local Tax Funding	-	-	1,800	-	-	-	1,800	-	1,800
NVTA 30% Local	4,200	-	-	-	-	-	4,200	-	4,200
Town of Leesburg NVTA Local Distribution									
Adopted FY 2019 CIP	2,429	2,534	2,607	2,683	2,759	2,837	15,849	11,348	36,925
NVTA 30% Local	2,429	2,534	2,607	2,683	2,759	2,837	15,849	11,348	36,925
Adopted FY 2018 CIP	2,167	2,235	2,306	2,378	2,453	2,531	14,070	5,306	21,477
NVTA 30% Local	2,167	2,235	2,306	2,378	2,453	2,531	14,070	5,306	21,477
Town of Leesburg - Tuscarora Creek Trail Phase I									
Adopted FY 2019 CIP	1,800	-	-	-	-	-	1,800	-	1,800
NVTA 30% Local	1,800	-	-	-	-	-	1,800	-	1,800
Town of Lovettsville - Broadway Streetscapes Phase 2A									
Adopted FY 2019 CIP	180	700	-	-	-	-	880	-	1,030
NVTA 30% Local	180	700	-	-	-	-	880	-	880
Local Tax Funding	-	-	-	-	-	-	-	-	150
Adopted FY 2018 CIP	-	700	-	-	-	-	700	-	850
NVTA 30% Local	-	700	-	-	-	-	700	-	700
Local Tax Funding	-	-	-	-	-	-	-	-	150
Town of Purcellville - NVTA Local Distribution									
Adopted FY 2019 CIP	490	511	526	542	558	574	3,201	2,296	7,547
NVTA 30% Local	490	511	526	542	558	574	3,201	2,296	7,547
Adopted FY 2018 CIP	451	465	480	495	512	529	2,932	1,109	4,478
NVTA 30% Local	451	465	480	495	512	529	2,932	1,109	4,478
Town of Purcellville - Pedestrian Linkages									
Adopted FY 2019 CIP	210	-	-	-	-	-	210	-	210
NVTA 30% Local	210	-	-	-	-	-	210	-	210



TRANSIT	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Metro Capital Contribution									
Adopted FY 2019 CIP	-	16,400	24,900	28,300	29,100	29,700	128,400	112,000	240,400
General Obligation Bonds	-	-	-	-	-	-	-	-	-
NVTA 30% Local	-	12,000	17,021	17,511	18,001	18,504	83,037	74,000	157,037
Local Tax Funding	-	4,400	7,879	10,789	11,099	11,196	45,363	38,000	83,363
Adopted FY 2018 CIP	-	12,000	28,000	26,000	26,000	26,000	118,000	52,000	170,000
General Obligation Bonds	-	-	15,000	13,000	13,000	13,000	54,000	26,000	80,000
NVTA 30% Local	-	12,000	13,000	13,000	13,000	13,000	64,000	26,000	90,000
Metro Station Area Pedestrian Improvements									
Adopted FY 2019 CIP	-	-	-	5,400	9,760	9,760	24,920	-	30,637
RSTP	-	-	-	-	5,800	5,800	11,600	-	11,600
CMAQ	-	-	-	5,400	3,960	3,960	13,320	-	19,037
Adopted FY 2018 CIP	-	-	-	5,400	9,760	-	15,160	-	20,877
RSTP	-	-	-	-	5,800	-	5,800	-	5,800
CMAQ	-	-	-	5,400	3,960	-	9,360	-	15,077
Transit Buses									
Adopted FY 2019 CIP	3,200	2,500	1,410	2,090	1,000	1,000	11,200	4,000	49,723
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	335
Lease Revenue Financing	-	-	-	-	-	-	-	-	6,859
Local Gasoline Tax	-	-	-	-	-	-	-	-	1,244
Cash Proffers	500	424	-	-	-	-	924	-	6,084
State Capital Assistance	500	500	-	-	-	-	1,000	-	20,065
Transit Fees	-	76	-	-	1,000	1,000	2,076	4,000	6,076
NVTA 70% Regional	-	-	-	-	-	-	-	-	1,860
Smart Scale	2,200	1,500	1,410	2,090	-	-	7,200	-	7,200
Adopted FY 2018 CIP	1,000	1,000	1,000	1,000	1,000	1,000	6,000	1,000	42,523
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	335
Lease Revenue Financing	-	-	-	-	-	-	-	-	6,859
Local Gasoline Tax	-	-	-	-	-	-	-	-	1,244
Cash Proffers	500	424	-	-	-	-	924	-	6,084
State Capital Assistance	500	500	500	500	500	500	3,000	1,000	23,065
NVTA 70% Regional	-	-	-	-	-	-	-	-	1,860
Transit Fees	-	76	500	500	500	500	2,076	1,000	3,076
Western Loudoun Park and Ride Lot									
Adopted FY 2019 CIP	300	-	700	1,300	1,633	-	3,933	-	8,309
Local Tax Funding	-	-	-	-	-	-	-	-	555
CMAQ	150	-	-	-	-	-	150	-	3,971
Smart Scale	150	-	700	1,300	1,633	-	3,783	-	3,783
Adopted FY 2018 CIP	150	-	-	-	-	-	150	-	4,526
Local Tax Funding	-	-	-	-	-	-	-	-	555
CMAQ	150	-	-	-	-	-	150	-	3,971



School Capital Projects

ELEMENTARY SCHOOLS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Algonkian ES Renovations (formerly ES - Renovation 1)									
Adopted FY 2019 CIP	-	-	-	-	2,815	21,575	24,390	-	24,390
General Obligation Bonds	-	-	-	-	2,815	21,575	24,390	-	24,390
Adopted FY 2018 CIP	-	-	-	-	2,804	32,472	35,276	-	35,276
General Obligation Bonds	-	-	-	-	2,804	32,472	35,276	-	35,276
Cool Spring ES Renovations (formerly ES - Renovation 2)									
Adopted FY 2019 CIP	-	-	-	-	-	2,940	2,940	22,115	25,055
General Obligation Bonds	-	-	-	-	-	2,940	2,940	22,115	25,055
Adopted FY 2018 CIP	-	-	-	-	-	2,931	2,931	33,934	36,865
General Obligation Bonds	-	-	-	-	-	2,931	2,931	33,934	36,865
ES - 23 Dulles North									
Adopted FY 2019 CIP	5,105	39,130	-	-	-	-	44,235	-	44,235
General Obligation Bonds	5,105	39,130	-	-	-	-	44,235	-	44,235
Adopted FY 2018 CIP	-	4,545	40,875	-	-	-	45,420	-	45,420
General Obligation Bonds	-	4,545	40,875	-	-	-	45,420	-	45,420
ES - 24 Central Loudoun									
Adopted FY 2019 CIP	-	-	-	-	-	6,365	6,365	47,830	54,195
General Obligation Bonds	-	-	-	-	-	6,365	6,365	47,830	54,195
Adopted FY 2018 CIP	-	-	-	4,964	44,636	-	49,600	-	49,600
General Obligation Bonds	-	-	-	4,964	44,636	-	49,600	-	49,600
ES - 29 Dulles South									
Adopted FY 2019 CIP	5,105	39,130	-	-	-	-	44,235	-	44,235
General Obligation Bonds	5,105	39,130	-	-	-	-	44,235	-	44,235
Adopted FY 2018 CIP	-	-	4,750	42,714	-	-	47,464	-	47,464
General Obligation Bonds	-	-	4,750	42,714	-	-	47,464	-	47,464
Future Elementary School Renovations									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	526,225	526,225
General Obligation Bonds	-	-	-	-	-	-	-	526,225	526,225
Adopted FY 2018 CIP	-	-	-	-	-	-	-	89,365	89,365
General Obligation Bonds	-	-	-	-	-	-	-	89,365	89,365



ELEMENTARY SCHOOLS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Three-Classroom Addition (Weller ES/Dominion Trail ES)									
Adopted FY 2019 CIP	-	6,490	-	-	-	-	6,490	-	6,490
Local Tax Funding	-	6,490	-	-	-	-	6,490	-	6,490
Adopted FY 2018 CIP	-	2,971	-	-	-	-	2,971	-	2,971
Local Tax Funding	-	2,971	-	-	-	-	2,971	-	2,971
Three-Classroom Additions (Countywide)									
Adopted FY 2019 CIP	-	-	12,415	-	-	-	12,415	-	28,735
General Obligation Bonds	-	-	12,415	-	-	-	12,415	-	28,735
Adopted FY 2018 CIP	-	-	15,520	-	-	-	15,520	-	31,840
General Obligation Bonds	-	-	15,520	-	-	-	15,520	-	31,840
MIDDLE SCHOOLS									
Farmwell Station MS (formerly MS - Renovation 1)									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	67,760	67,760
General Obligation Bonds	-	-	-	-	-	-	-	67,760	67,760
Adopted FY 2018 CIP	-	-	-	-	-	-	-	98,064	98,064
General Obligation Bonds	-	-	-	-	-	-	-	98,064	98,064
Harper Park MS Renovation									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	69,305	69,305
General Obligation Bonds	-	-	-	-	-	-	-	69,305	69,305
MS-14, Dulles North									
Adopted FY 2019 CIP	-	-	-	11,585	88,775	-	100,360	-	100,360
General Obligation Bonds	-	-	-	11,585	88,775	-	100,360	-	100,360
MS-19									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	113,195	113,195
General Obligation Bonds	-	-	-	-	-	-	-	113,195	113,195



HIGH SCHOOLS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
CS Monroe Technology Center - Douglas School Renovations									
Adopted FY 2019 CIP	1,829	61,364	-	-	-	-	63,193	-	64,943
Cash Proffers	-	-	-	-	-	-	-	-	1,750
General Obligation Bonds	1,829	61,364	-	-	-	-	63,193	-	63,193
Adopted FY 2018 CIP	1,829	61,364	-	-	-	-	63,193	-	64,943
Cash Proffers	-	-	-	-	-	-	-	-	1,750
General Obligation Bonds	1,829	61,364	-	-	-	-	63,193	-	63,193
HS-9 Lightridge High School									
Adopted FY 2019 CIP	8,788	-	-	-	-	-	8,788	-	125,540
Local Tax Funding	8,788	-	-	-	-	-	8,788	-	12,288
General Obligation Bonds	-	-	-	-	-	-	-	-	113,252
Adopted FY 2018 CIP	8,788	-	-	-	-	-	8,788	-	125,540
Local Tax Funding	8,788	-	-	-	-	-	8,788	-	12,288
General Obligation Bonds	-	-	-	-	-	-	-	-	113,252
HS-14, Dulles North									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	182,605	182,605
General Obligation Bonds	-	-	-	-	-	-	-	182,605	182,605
High School Baseball/Softball Press Boxes (5)									
Adopted FY 2019 CIP	-	-	-	-	3,205	-	3,205	-	3,205
Local Tax Funding	-	-	-	-	3,205	-	3,205	-	3,205
Adopted FY 2018 CIP	-	-	-	-	3,203	-	3,203	-	3,203
Local Tax Funding	-	-	-	-	3,203	-	3,203	-	3,203
High School Stadium Turf & Track Resurfacing									
Adopted FY 2019 CIP	4,148	-	-	-	-	-	4,148	-	7,948
Fund Balance	-	-	-	-	-	-	-	-	3,800
Local Tax Funding	1,212	-	-	-	-	-	1,212	-	1,212
General Obligation Bonds	2,936	-	-	-	-	-	2,936	-	2,936
Adopted FY 2018 CIP	4,148	-	-	-	-	-	4,148	-	7,948
Fund Balance	-	-	-	-	-	-	-	-	3,800
Local Tax Funding	1,212	-	-	-	-	-	1,212	-	1,212
General Obligation Bonds	2,936	-	-	-	-	-	2,936	-	2,936



HIGH SCHOOLS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
High School Tennis Courts Lighting									
Adopted FY 2019 CIP	-	-	-	-	3,610	3,770	7,380	3,865	11,245
General Obligation Bonds	-	-	-	-	3,610	3,770	7,380	3,865	11,245
Adopted FY 2018 CIP	-	-	-	-	3,583	3,744	7,327	3,913	11,240
General Obligation Bonds	-	-	-	-	3,583	3,744	7,327	3,913	11,240
High School Weight Room Expansion									
Adopted FY 2019 CIP	-	-	-	-	6,840	-	6,840	-	6,840
General Obligation Bonds	-	-	-	-	6,840	-	6,840	-	6,840
Adopted FY 2018 CIP	-	-	-	-	6,543	-	6,543	-	6,543
General Obligation Bonds	-	-	-	-	6,543	-	6,543	-	6,543
Modular Classroom Removal (10) Briar Woods HS									
Adopted FY 2019 CIP	-	-	-	335	-	-	335	-	335
Local Tax Funding	-	-	-	335	-	-	335	-	335
Adopted FY 2018 CIP	-	-	-	320	-	-	320	-	320
Local Tax Funding	-	-	-	320	-	-	320	-	320
Potomac Falls HS Renovation (formerly High School Renovation 1)									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	94,195	94,195
General Obligation Bonds	-	-	-	-	-	-	-	94,195	94,195
Adopted FY 2018 CIP	-	-	-	-	-	-	-	11,341	11,341
General Obligation Bonds	-	-	-	-	-	-	-	11,341	11,341
DIVISION/ OTHER SCHOOL PROJECTS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Arcola ES/Northstar Connection									
Adopted FY 2019 CIP	-	-	-	-	-	2,280	2,280	-	2,280
General Obligation Bonds	-	-	-	-	-	2,280	2,280	-	2,280
Broadband Infrastructure									
Adopted FY 2019 CIP	1,500	1,750	1,750	-	-	-	5,000	-	5,000
Local Tax Funding	750	875	875	-	-	-	2,500	-	2,500
Lease Revenue Financing	750	875	875	-	-	-	2,500	-	2,500
Division Security Improvements									
Adopted FY 2019 CIP	5,500	5,984	-	-	-	-	11,484	-	11,484
General Obligation Bonds	5,500	5,984	-	-	-	-	11,484	-	11,484
Adopted FY 2018 CIP	11,484	-	-	-	-	-	11,484	-	11,484
General Obligation Bonds	11,484	-	-	-	-	-	11,484	-	11,484
Heritage HS Entrance to Battlefield Parkway									
Adopted FY 2019 CIP	-	-	-	-	-	780	780	-	780
General Obligation Bonds	-	-	-	-	-	780	780	-	780



DIVISION/ OTHER SCHOOL PROJECTS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Joint Use Dry Bulk Storage Facility									
Adopted FY 2019 CIP	-	-	4,280	-	-	-	4,280	-	4,280
Lease Revenue Financing	-	-	4,280	-	-	-	4,280	-	4,280
Adopted FY 2018 CIP	-	-	4,280	-	-	-	4,280	-	4,280
Lease Revenue Financing	-	-	4,280	-	-	-	4,280	-	4,280
Lovettsville Bus/ Visitor Parking									
Adopted FY 2019 CIP	-	-	690	-	-	-	690	-	690
Local Tax Funding	-	-	690	-	-	-	690	-	690
Adopted FY 2018 CIP	-	-	660	-	-	-	660	-	660
Local Tax Funding	-	-	660	-	-	-	660	-	660
School Bus Radio Replacements									
Adopted FY 2019 CIP	-	-	-	-	3,845	-	3,845	-	3,845
Lease Revenue Financing	-	-	-	-	3,845	-	3,845	-	3,845
School Bus Replacement and Acquisition									
Adopted FY 2019 CIP	7,200	7,525	7,865	8,215	8,585	8,975	48,365	38,185	91,815
Lease Revenue Financing	3,052	7,525	7,865	8,215	8,585	8,975	44,217	38,185	82,402
General Obligation Bonds	4,148	-	-	-	-	-	4,148	-	9,413
Local Tax Funding	-	-	-	-	-	-	-	-	5,265
Adopted FY 2018 CIP	4,148	-	-	-	-	-	4,148	-	9,413
Local Tax Funding	-	-	-	-	-	-	-	-	5,265
General Obligation Bonds	4,148	-	-	-	-	-	4,148	-	4,148
School Security Vestibules									
Adopted FY 2019 CIP	8,500	5,850	-	-	-	-	14,350	-	14,350
Local Tax Funding	-	4,000	-	-	-	-	4,000	-	4,000
General Obligation Bonds	8,500	1,850	-	-	-	-	10,350	-	10,350
Adopted FY 2018 CIP	-	-	-	-	997	15,375	16,372	-	16,372
General Obligation Bonds	-	-	-	-	997	15,375	16,372	-	16,372
School Walking Tracks									
Adopted FY 2019 CIP	-	-	-	-	-	890	890	910	1,800
General Obligation Bonds	-	-	-	-	-	890	890	910	1,800
Adopted FY 2018 CIP	-	-	-	-	-	880	880	919	1,799
General Obligation Bonds	-	-	-	-	-	880	880	919	1,799



DIVISION/ OTHER SCHOOL PROJECTS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	CIP TOTAL	Future	PROJECT TOTAL
Staff Training Center / Round Hill Support Facility Renovation									
Adopted FY 2019 CIP	-	-	2,225	23,505	-	-	25,730	-	25,730
General Obligation Bonds	-	-	2,225	23,505	-	-	25,730	-	25,730
Adopted FY 2018 CIP	-	-	2,226	23,504	-	-	25,730	-	25,730
General Obligation Bonds	-	-	2,226	23,504	-	-	25,730	-	25,730
Student Welcome and Adult Education Center									
Adopted FY 2019 CIP	-	-	1,130	-	-	-	1,130	-	1,130
Local Tax Funding	-	-	1,130	-	-	-	1,130	-	1,130
Adopted FY 2018 CIP	-	-	-	-	1,182	-	1,182	-	1,182
Local Tax Funding	-	-	-	-	1,182	-	1,182	-	1,182
Tolbert ES Road Connection									
Adopted FY 2019 CIP	-	-	-	-	-	845	845	-	845
General Obligation Bonds	-	-	-	-	-	845	845	-	845
Transportation Facility - East									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	31,790	31,790
General Obligation Bonds	-	-	-	-	-	-	-	31,790	31,790
Valley Service Center Replacement & Culbert ES Bus Parking									
Adopted FY 2019 CIP	-	-	-	-	1,655	27,070	28,725	-	28,725
General Obligation Bonds	-	-	-	-	1,655	27,070	28,725	-	28,725
Adopted FY 2018 CIP	-	-	-	-	1,654	27,073	28,727	-	28,727
General Obligation Bonds	-	-	-	-	1,654	27,073	28,727	-	28,727
Valley Service Center Traffic Signal									
Adopted FY 2019 CIP	-	-	-	-	-	585	585	-	585
General Obligation Bonds	-	-	-	-	-	585	585	-	585
Union Street Facility									
Adopted FY 2019 CIP	-	-	-	-	-	-	-	1,670	1,670
General Obligation Bonds	-	-	-	-	-	-	-	1,670	1,670





Schedule of Financing and Referenda

General Obligation Bond Financing

The following projects are scheduled for general obligation bond financing requiring referendum in the FY 2019 – FY 2024 capital planning period. The referendum requires voter approval for the use of general obligation bond financing of public facilities.

REFERENDUM DATE	PROJECT	AMOUNT
November 2018	<u>General Government</u>	
	Braddock Road - Route 659 to Royal Hunter	5,660,000
	Crosstrail Boulevard	36,560,000
	Evergreen Mills Road (Northstar to Stone Springs)	13,090,000
	Farmwell Road (Smith Switch to Ashburn Road)	19,235,000
	Intersection Improvements	49,660,000
	Prentice Drive	12,000,000
	Route 9/287 Roundabout	13,255,000
	Route 50 Corridor Improvements	3,125,000
		<i>Subtotal, General Government</i> \$ 152,585,000
	<u>Schools</u>	
	ES-23 Dulles North	44,235,000
	ES-29, Dulles South	44,235,000
	School Security Vestibules	10,350,000
		<i>Subtotal, Schools</i> \$ 98,820,000
		Total November 2018 Referendum \$ 251,405,000
	November 2019	<u>General Government</u>
Croson Lane Widening - Claiborne to Old Ryan		6,450,000
Dulles West Boulevard - Arcola to Northstar		9,000,000
Fields Farm Park		29,185,000
Fire and Rescue Training Academy Expansion		6,500,000
Leesburg South Fire Station Renovation		17,600,000
Lovettsville District Park Phase II		4,680,000
Philip A. Bolen Park Phase II		6,175,000
Route 7 / Route 690 Interchange		15,100,000
Scott Jenkins Park Phase III		1,755,000
STEM Library		47,000,000
Westwind Drive - State Street to Ladbrook Drive		17,650,000
Sterling Boulevard / WO&D - Overpass		7,745,000
		<i>Subtotal, General Government</i> \$ 168,840,000
<u>Schools</u>		
Elementary School Classroom Additions – Countywide		12,415,000
Staff Training Center/ Round Hill Support Facility Renovation		25,730,000
	<i>Subtotal, Schools</i> \$ 38,145,000	
	Total November 2019 Referendum \$ 206,985,000	



General Obligation Bond Financing

REFERENDUM DATE	PROJECT	AMOUNT
November 2020	<u>General Government</u>	
	Belmont Ridge Road - Shreveport to Evergreen Mills Rd	4,175,000
	Elk Lick Road Intersections - Rt 50 & Tall Cedars Pkwy	1,565,000
	Evergreen Mills Road (Stone Springs to Loudoun County Parkway)	7,908,000
	Franklin Park to Purcellville Trail	5,000,000
	Harmony Middle School - Sidewalk	3,160,000
	Northstar - Tall Cedars Pkwy to Braddock Rd	2,500,000
	Poland Road - Shared Use Path	2,285,000
	River Creek Parkway- Sidewalk	1,315,000
	Route 50 North Collector Road (Air & Space Museum Parkway to Route 50)	87,015,000
	Route 50 & Trailhead - Roundabout	10,000,000
	Route 15 Bypass to Montresor Road	15,768,000
	Sidewalk & Trail Program	13,055,000
	<i>Subtotal, General Government</i>	\$ 153,746,000
	<u>Schools</u>	
MS-14, Dulles North	100,360,000	
<i>Subtotal, Schools</i>	\$ 100,360,000	
Total November 2020 Referendum		\$ 254,106,000
November 2021	<u>General Government</u>	
	Fire and Rescue Vehicle Annex	5,700,000
	Old Ox Road (Route 606) Fire Station	19,010,000
	Philomont Fire Station Replacement	13,725,000
	Shellhorn Road	86,787,000
	<i>Subtotal, General Government</i>	\$ 125,222,000
	<u>Schools</u>	
	Algonkian ES Renovations (formerly ES - Renovation 1)	24,390,000
	High School Tennis Courts Lighting	11,245,000
	High School Weight Room Expansion	6,840,000
Valley Service Center Replacement/Culbert ES Bus Parking	28,725,000	
<i>Subtotal, Schools</i>	\$ 71,200,000	
Total November 2021 Referendum		\$ 196,422,000



General Obligation Bond Financing

REFERENDUM DATE	PROJECT	AMOUNT
November 2022	<u>General Government</u>	
	Loudoun County Parkway Widening (Ryan Road to Shellhorn Road)	22,190,000
	Route 50 & Everfield - Roundabout	11,495,000
	Route 15 & Braddock Road - Roundabout	11,495,000
	Ryan Road Widening (Evergreen Mills Road to Northstar Boulevard)	20,980,000
	Trailhead Drive & Braddock Road - Roundabout	11,495,000
	<i>Subtotal, General Government</i>	\$ <u>77,655,000</u>
	<u>Schools</u>	
	Arcola ES/Northstar Connection	2,280,000
	Cool Spring ES Renovations (formerly ES - Renovation 2)	25,055,000
	ES-24, Central Loudoun	54,195,000
	Heritage HS Entrance to Battlefield Parkway	780,000
	School Walking Tracks	1,800,000
	Tolbert ES Road Connection	845,000
	Valley Service Center Traffic Signal	585,000
	<i>Subtotal, Schools</i>	\$ <u>85,540,000</u>
	Total November 2022 Referendum	\$ 163,195,000
	Total Bond Referenda	\$ 1,072,113,000

Previously Approved General Obligation Bond Financing

The following bond referenda were previously approved, FY 2014 – FY 2018, by Loudoun County voters for General Obligation Bond financing.

REFERENDUM DATE	PROJECT	AMOUNT
November 2017	<u>General Government</u>	
	Round Hill Fire Station Replacement	15,660,000
	<i>Subtotal, General Government</i>	\$ <u>15,660,000</u>
	<u>Schools</u>	
	CS Monroe Conversion	63,193,000
	Division Security Improvements	11,484,000
	High School Stadium Synthetic Turf and Track Resurfacing	2,936,000
	School Bus Acquisition and Replacement	4,148,000
	<i>Subtotal, Schools</i>	\$ <u>81,761,000</u>
	Total November 2017 Referendum	\$ 97,421,000



Previously Approved General Obligation Bond Financing

REFERENDUM DATE	PROJECT	AMOUNT
November 2016	<u>General Government</u>	
	Ashburn Recreation and Community Center	44,270,000
	Hal and Berni Hanson Regional Park	31,845,000
	Lovettsville Fire Station Renovation	13,500,000
	Leesburg Fire Station #20 Expansion	4,000,000
	Braddock/Supreme/Summerall Intersection Improvements	2,000,000
	Route 7/690 Interchange	8,000,000
	Shellhorn Road	8,000,000
	<i>Subtotal, General Government</i>	<i>\$ 111,615,000</i>
	<u>Schools</u>	
	Dulles South Elementary School (ES-28)	38,770,000
	Elementary School Classroom Additions – Dulles	16,320,000
	Dulles South Middle School (MS-7)	60,820,000
	Dulles South High School (HS-9)	117,160,000
<i>Subtotal, Schools</i>	<i>\$ 233,070,000</i>	
Total November 2016 Referendum		\$ 344,685,000
November 2015	<u>General Government</u>	
	Fire Apparatus	2,940,000
	<i>Subtotal, General Government</i>	<i>\$ 2,940,000</i>
	<u>Schools</u>	
	Dulles North Elementary School (ES-31)	38,270,000
	Dulles North High School (HS-11)	112,725,000
<i>Subtotal, Schools</i>	<i>\$ 150,995,000</i>	
Total November 2015 Referendum		\$ 153,935,000
November 2014	<u>General Government</u>	
	Land Acquisition – Sterling Fire Station	2,050,000
	Animal Services Facility	15,370,000
	Sterling Fire and Rescue Station Replacement	14,430,000
	Fire Apparatus	2,840,000
	Sterling Community Center Renovation	6,085,000
	Sterling Library	4,850,000
	<i>Subtotal, General Government</i>	<i>\$ 45,625,000</i>
	<u>Schools</u>	
	Dulles North Elementary School (ES-27)	31,540,000
Dulles North Middle School (MS-9)	48,185,000	
Academies of Loudoun	83,175,000	
<i>Subtotal, Schools</i>	<i>\$ 162,900,000</i>	
Total November 2014 Referendum		\$ 208,525,000



Lease Revenue Financing

The following projects are planned to be financed through Lease Revenue Financing during the FY 2019 – FY 2024 planning period and do not require a referendum.

APPROPRIATION YEAR	PROJECT	AMOUNT
FY 2019	Aldie Fire and Rescue Station Replacement	4,000,000
	Broadband Infrastructure	750,000
	County Landfill Sequence V Closure	1,350,000
	Courts Complex Phase III (Expansion)	10,000,000
	Hal and Berni Hanson Regional Park	5,222,845
	Intelligent Transportation System	1,050,000
	Major Computer Systems (LMIS Replacement)	5,000,000
	Public Safety Redundant Prime Site	1,450,000
	Public Safety - Tower Coverage Expansion	1,400,000
	Route 7 Pedestrian Crossings	855,000
	School Bus Replacement and Acquisition	3,052,000
	Total FY 2019 \$	34,129,845
FY 2020	Brambleton Library	5,780,000
	Broadband Infrastructure	875,000
	Consolidated Shops and Warehouse	4,000,000
	County Landfill Sequence 1A Cap	1,500,000
	County Landfill Sequence V Closure	5,060,000
	Major Computer System Replacement (Microsoft)	1,300,000
	School Bus Replacement and Acquisition	7,525,000
	Total FY 2020 \$	26,040,000
FY 2021	Ashburn Recreation and Community Center	15,000,000
	Broadband Infrastructure	875,000
	Consolidated Shops and Warehouse	3,500,000
	Courts Complex Phase III (Renovation)	17,600,000
	DS Group Residence – Eastern Loudoun	2,375,000
	Joint Use Dry Bulk Storage Facility	4,280,000
	School Bus Replacement and Acquisition	7,865,000
	Waterford Animal Shelter Renovation	2,000,000
	Total FY 2021 \$	53,495,000
FY 2022	Public Safety - E-911 Phone Switch Replacement	2,300,000
	Public Safety - Handheld Radio Replacements	9,500,000
	School Bus Replacement and Acquisition	8,215,000
	Total FY 2022 \$	20,015,000



Lease Revenue Financing

APPROPRIATION YEAR	PROJECT	AMOUNT
FY 2023	Bus Radio Replacements	3,845,000
	General Government Office Space - Sycolin Road Phase I	15,565,000
	School Bus Replacement and Acquisition	8,585,000
	Total FY 2023 \$	27,995,000
FY 2024	Eastern Services Center	17,250,000
	General Government Office Space - Sycolin Road Phase I	97,380,000
	Intelligent Transportation System	1,277,000
	School Bus Replacement and Acquisition	8,975,000
	Total FY 2024 \$	124,882,000
Total Six-Year Lease Revenue Financing		375,396,845

Previously Approved Lease Revenue Financing

The following projects were approved in previous years, FY 2015 – FY 2018, for lease revenue financing and did not require a referendum.

APPROPRIATION YEAR	PROJECT	AMOUNT
FY 2018	County Landfill Reclamation Project	\$ 5,980,000
	DS Group Residence - Purcellville	2,125,000
	Major Computer Systems (LMIS Replacement)	6,000,000
	Juvenile Detention Center Phase I	5,000,000
	Total FY 2018 \$	19,105,000
FY 2017	Courts Complex Phase III	\$ 57,100,000
	General Government Office Space Purchase	7,635,000
	Lovettsville Community Center Replacement	2,000,000
	Juvenile Detention Center Phase I	3,000,000
	Total FY 2017 \$	69,735,000
FY 2016	County Landfill Reclamation Project	\$ 5,500,000
	Public Safety CAD	1,400,000
	Public Safety Firing Range	7,000,000
	Consolidated Shops and Warehouse	21,000,000
	Dulles Corridor Rapid Transit	20,000,000
	Total FY 2016 \$	54,900,000
FY 2015	Library Management System	\$ 2,500,000
	DS Group Residence – Round Hill	1,500,000
	Youth Shelter Renovation	2,000,000
	Dulles Corridor Rapid Transit	40,000,000
	Route 772 Metro Station Storm water	4,000,000
	Courts Phase III Structured Parking	13,000,000
	Woodgrove HS/Fields Farm Park Road	3,815,000
	Total FY 2015 \$	66,815,000



Notice of Intent

Notice evidencing the intent to reimburse certain capital improvements expenditures incurred in anticipation of financing such costs with the issuance of bonds pursuant to Income Tax Regulation Section 1.150-2 (the "Reimbursement Regulations").

The Board of Supervisors of the County of Loudoun, Virginia (the "County"), has determined in connection with adoption of the County's Capital Improvement Program that it is necessary and desirable to undertake certain capital improvements consisting of the projects and estimated costs described in this Capital Improvement Program with financing as indicated on the Schedule of Major Financing — Fiscal Years 2019 - 2024 in the maximum amount of \$1,503,188,200. This schedule is provided for convenience in this section and in the Debt Service Fund Section of this document.

Statement of Intent - The County presently intends, at one time or from time to time, to finance the indicated projects with either tax-exempt or taxable bonds (the "Bonds") and to reimburse itself, if needed, under the Reimbursement Regulations, for capital expenditures paid by the County (including expenditures previously paid by the County to the extent permitted by law) for the projects with its own funds prior to the date the Bonds are issued. The County intends that adoption of this Notice as part of the adoption of the Capital Improvement Program be considered as "official intent" within the meaning of the Reimbursement Regulations promulgated under the Internal Revenue Code of 1986, as amended.

Effective Date - This intent shall be in full force and effect with adoption of the Capital Improvement Program, and shall apply to all projects described in the Capital Improvement Program as of the date of adoption thereof, as well as any projects added to the Capital Improvement Program as part of any amendments thereto.

Public Inspection - The Director of Finance and Procurement shall keep this intent continuously available for inspection by the general public during the County's normal business hours.



Table 3: IMPACT ON FUTURE DEBT RATIOS						
Adopted FY 2019 - FY 2024						
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Beginning Net Tax Supported Debt	\$ 1,549,642,361	\$ 1,699,833,215	\$ 1,841,325,676	\$ 1,924,862,141	\$ 2,004,377,966	\$ 2,074,203,976
Plus:						
New Debt Issued	281,246,526	285,609,488	234,043,696	234,100,665	233,916,325	234,271,500
Less:						
Retired Debt (Old)	131,055,672	126,102,027	113,952,231	102,519,840	94,420,315	95,931,497
Retired Debt (New)	0	18,015,000	36,555,000	52,065,000	69,670,000	82,600,000
Ending Net Tax Supported Debt	\$1,699,833,215	\$1,841,325,676	\$1,924,862,141	\$2,004,377,966	\$2,074,203,976	\$2,129,943,978
Debt Service (1)	\$191,418,646	\$216,604,560	\$229,460,875	\$238,903,372	\$252,391,215	\$270,173,390
Population	413,612	422,946	432,113	439,961	447,170	453,652
Public School Enrollment	83,105	85,084	86,790	88,002	89,261	90,768
Estimated Property Value (in Millions)	\$94,279	\$98,836	\$103,078	\$107,138	\$111,109	\$115,005
Per Capita Income	\$78,200	\$80,000	\$82,100	\$84,600	\$87,200	\$89,700
Expenditures (in Thousands)	\$2,340,844,646	\$2,457,886,878	\$2,580,781,222	\$2,709,820,283	\$2,845,311,297	\$2,987,576,862
Ratios:						
Debt to Estimated Property Value <i>(Fiscal Policy Target = <3%)</i>	1.80%	1.86%	1.87%	1.87%	1.87%	1.85%
Debt to Per Capita Income <i>(Fiscal Policy Target = <8%)</i>	5.26%	5.44%	5.43%	5.39%	5.32%	5.23%
Debt Service to Expenditures <i>(Fiscal Policy Target =<10%)</i>	8.18%	8.81%	8.89%	8.82%	8.87%	9.04%
Ten-Year Debt Payout Ratio <i>(Fiscal Policy Target=>60%)</i>	62.7%	62.6%	63.2%	64.6%	65.4%	66.7%
Annual Debt Issuance Guideline:						
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Less:						
Debt Issuance Projected	\$224,416,526	\$224,549,488	\$224,043,696	\$224,100,665	\$223,916,325	\$224,271,500
Remaining Debt Capacity	\$583,474	\$450,512	\$956,304	\$899,335	\$1,083,675	\$728,500
Affordability Index: (2)						
Outstanding Debt Guideline	\$2,385,217,335	\$2,493,158,040	\$2,600,950,864	\$2,708,523,117	\$2,815,366,772	\$2,918,785,863
Outstanding Debt Projected	\$1,699,833,215	\$1,841,325,676	\$1,924,862,141	\$2,004,377,966	\$2,074,203,976	\$2,129,943,978
Overlapping Debt: (3)						
Overlapping Debt Guideline	\$707,092,500	\$741,270,000	\$773,085,000	\$803,535,000	\$833,317,500	\$862,537,500
Overlapping Debt Projected	\$123,169,314	\$116,917,722	\$110,602,793	\$104,179,529	\$97,609,482	\$90,864,592
1) Debt includes general obligation bonds and appropriation-based financing.						
(2) Affordability Index is the weighted average of Debt Per Capita (20%) / Debt to Estimated Property Value (45%) / Debt to Per Capita Income (35%).						
(3) Maximum Outstanding Overlapping Debt allowed per the Fiscal Policy is 0.75% of estimated property value.						
Note: The \$225 million annual debt issuance guideline includes projects in the CIP with the exception of the Dulles Corridor Metrorail Project, the three Loudoun County-based Metrorail garages, and the County Landfill.						



Capital Improvement Program

FY 2019 Adopted Budget

Completed Projects







Completed Projects

GENERAL GOVERNMENT	Completion Date	Planning Subarea	Election District	Budget
Willisville Community Wastewater System	Fall 2016	Southwest	Blue Ridge	\$275,000
Description: This project provided for the extension of wastewater treatment service to three properties in the Willisville community with failing septic systems.				
HEALTH & WELFARE	Completion Date	Planning Subarea	Election District	Budget
Mirror Ridge Group Residence Basement	Winter 2016	Potomac	Algonkian	\$233,900
Description: This project provided for the build-out of the basement of the Mirror Ridge Group Residence to provide additional residential living and program space.				
Youth Shelter Renovation	Summer 2017	Leesburg	Catoctin	\$2,000,000
Description: This project provides funding to renovate the original County Youth Shelter located at the Government Support Center site off of Sycolin Road in Leesburg.				
PARKS, RECREATION & CULTURE	Completion Date	Planning Subarea	Election District	Budget
Athletic Field Turf & Irrigation	Fall 2017	Countywide	Countywide	\$2,100,000
Description: This project funds turf and irrigation upgrades to 25 athletic fields at Elementary and Middle school sites throughout the County to improve playing field conditions.				
Bles Park Restrooms	Fall 2017	Ashburn	Algonkian	\$281,435
Description: This project provides funding to install a public restroom building in Bles Park.				
Brambleton District Park East Restrooms	Winter 2016	Dulles	Dulles	\$3,125,000
Description: This project installed public restrooms, completed three rectangular athletic fields with lighting and associated parking areas.				
Brambleton District Park West	Summer 2016	Asburn, Dulles	Dulles, Blue Ridge	\$7,874,900
Description: This project provides for the development of a proffered park site in the Brambleton community. The park will consist of a total of nine athletic fields, fencing, paved parking lots, trails, public restrooms and athletic field lighting to the park.				
Claude Moore Park Restrooms & Lights	Fall 2017	Sterling	Sterling	\$460,505
Description: This project funds the installation of a public restroom building in Claude Moore Park and lights a football field in the active recreation area.				
Dulles Multipurpose Center Phase II	Spring 2018	Dulles	Dulles	\$42,420,000
Description: This project provides funding for the Phase II construction of an approximately 81,300 square foot aquatics and recreation center addition to the Dulles Multipurpose Center located on Riding Center Drive in the South Riding community.				
Edgar Tillett Memorial Park	Summer 2017	Ashburn	Blue Ridge	\$2,379,405
Description: This project provides for improvements to the 52-acre park site off of Belmont Ridge Road near the Broadlands development. The park contains two lighted baseball and two lighted softball fields with associated parking.				
E. E. Lake Store	Summer 2017	Route 7 West	Blue Ridge	\$920,300
Description: This project renovates and stabilizes the circa 1901 E.E. Lake General Store to open the building as a tourist center for hikers and cyclists in the Bluemont community. Included in the work are structural repairs and renovations for ADA accessibility to include public restrooms.				
Franklin Park Rectangular Field Lights	Winter 2016	Route 7 West	Blue Ridge	\$2,070,000
Description: This project funds the design and construction to light the rectangular sports fields at Franklin Park.				



Completed Projects

PARKS, RECREATION & CULTURE	Completion Date	Planning Subarea	Election District	Budget
Lyndora Park Restrooms	Winter 2017	Ashburn	Dulles	\$535,000
Description: This project funds the installation of a public restroom building in Lyndora Park.				
Sterling Library	Winter 2017	Sterling	Sterling	\$6,500,000
Description: This project relocates the Sterling Library to a storefront or office space location in the Sterling Community in order to renovate its current location to become a larger Sterling Community Center. This project is part of the Board's adopted Sterling Public Facilities Master Plan.				
PUBLIC SAFETY	Completion Date	Planning Subarea	Election District	Budget
Ashburn Fire & Rescue Station	Fall 2016	Ashburn	Broad Run	\$6,250,000
Description: This project provided a financial contribution from the County to the Ashburn Volunteer Fire and Rescue company towards the cost of the Company's station renovation project.				
Fire Station Alerting System	Spring 2018	Countywide	Countywide	\$740,000
Description: This project upgrades existing older stations with new incident alerting technology. Stations scheduled to be upgraded include: Dulles South PSC, Hamilton, Philomont, Loudoun Rescue-Leesburg, Sterling and Leesburg Fire.				
Fire & Rescue Training Prop Lots	Summer 2017	Leesburg	Catoctin	\$2,103,545
Description: This project constructs a training facility that provides incident training prop lots. The current phase of the project provides for the relocation of two Metro Rail Cars to a Metro Rail Car Prop and purchases a Flash-Over Simulator. These props will complete the Training Prop Lot.				
Kirkpatrick Fire & Rescue Station	Winter 2017	Dulles	Blue Ridge	\$12,930,000
Description: This project is a new Fire & Rescue Station in the Dulles Planning Subarea of the County on a proffered 5-acre site south of Braddock Road and west of Loudoun County Parkway.				
Western Loudoun Sheriff Station	Winter 2017	Route 7 West	Blue Ridge	\$6,935,000
Description: This project constructs an 8,775-square-foot Sheriff Station in the Round Hill area of the County. Located along the Route 7 corridor, the station will replace leased space in the Town of Round Hill.				
TRANSPORTATION	Completion Date	Planning Subarea	Election District	Budget
Belmont Ridge Road - Truro Parish Signal	Fall 2016	Ashburn	Broad Run, Blue R	\$29,950
Description: This project designs a traffic signal to be installed at Belmont Ridge and Truro Parish Drive.				
Croson Lane	Fall 2017	Ashburn	Broad Run	\$5,653,500
Description: This project provides for the construction of Croson Lane from Old Ryan Road to the future Route 772 Metro Station. The road will be designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.				
Gloucester Parkway	Summer 2016	Ashburn	Broad Run	\$40,000,000
Description: This project designs and constructs a four-lane missing link of Gloucester Parkway between Loudoun County Parkway and Pacific Boulevard. This is a design-build project being administered by VDOT.				
Gloucester/Smith Switch/Ashby Ponds Intersection	Fall 2017	Ashburn	Broad Run	\$681,350
Description: This project includes the traffic signal warrant study and the design of a new traffic signal at Gloucester Parkway and Smith Switch Road/Ashby Ponds Boulevard.				



Completed Projects

TRANSPORTATION	Completion Date	Planning Subarea	Election District	Budget
Mooreview Parkway	Spring 2018	Ashburn	Dulles	\$9,678,600
Description: This project provides funding to construct the segment of Mooreview Parkway between Croson Lane and Old Ryan Road. This segment of Mooreview Parkway is critical to have in place in time for the opening of the Route 772 Metro Station in order to get commuters to the Metro Station and Commuter Parking areas within the Moorefield Station development, as well as to provide access to ES-16 and the future Moorefield Station Community Park.				
Loudoun County Parkway & Center Street Intersection	Spring 2017	Dulles	Dulles	\$648,330
Description: The purpose of this project is to conduct a study to determine safety improvements to mitigate angle crashes at the intersection of Loudoun County Parkway and Center Street.				
Northstar Boulevard and Ryan Road Intersection	Winter 2017	Dulles	Blue Ridge	\$534,700
Description: This project includes the installation of a new traffic signal at Northstar Boulevard and Ryan Road.				
Pleasant Valley Dr. & Braddock Rd. Intersection	Summer 2016	N/A	N/A	\$1,400,000
Description: This project designs and constructs a roundabout at the intersection of Pleasant Valley Drive and Braddock Road in Fairfax County. This is a design-build project being administered by VDOT.				
Russell Branch Parkway	Summer 2016	Ashburn	Broad Run	\$6,012,400
Description: This project designs and constructs a section of Russell Branch Parkway between Ashburn Road and Ashburn Village Boulevard.				
Sterling Area Sidewalks	Spring 2017	Sterling	Sterling	\$668,950
Description: This project provides for the design and construction of sidewalk improvements in the Sterling Area.				
Sterling Boulevard Sidewalk	Spring 2017	Sterling	Sterling	\$47,400
Description: This project provides funding to design and construct a missing sidewalk link along the western side of Sterling Boulevard between the Washington & Old Dominion Trail and the Chase Heritage Apartments.				
Stone Ridge Park and Ride Lot	Summer 2017	Dulles	Dulles	\$6,120,400
Description: This project provides funding to design and construct a 300-space lot on a County-owned five-acre site on proffered land in the Stone Ridge development.				
Sterling Boulevard Beautification	Summer 2016	Sterling	Sterling	\$286,500
Description: This project installs landscaping along both sides of Sterling Boulevard between Route 7 and E. Holly Avenue. In addition the project scope includes constructing sidewalk and crosswalk connections to provide safe pedestrian movements.				
Tall Cedars Parkway	Spring 2017	Dulles	Dulles	\$13,188,300
Description: This project designs and constructs a four lane section of Tall Cedars Parkway between Pinebrook Road and Gum Springs Road, completing the full connection of Tall Cedars Parkway from the East Gate development through the Stone Ridge development in the Dulles Planning Subarea. The project also provides for the construction of a half-section of Tall Cedars Parkway between Pinebrook Road and Riding Center Drive.				



Completed Projects

TRANSPORTATION	Completion Date	Planning Subarea	Election District	Budget
Tall Cedars Parkway and Poland Road Intersection	Winter 2017	Dulles	Dulles	\$690,000
Description: This project includes the installation of a new traffic signal and a westbound turn lane on Tall Cedars Parkway to southbound Poland Road.				
<hr/>				
Town of Middleburg Crosswalks	Fall 2016	Southwest	Blue Ridge	\$1,790,000
Description: This project provides for crosswalk improvements to three intersections along Route 50 in the Town to improve pedestrian safety for shoppers and visitors in the Town's business corridor.				
<hr/>				
Woods Road	Fall 2016	Route 15 South	Catoctin	\$2,050,000
Description: This project constructed a two-lane roadway from Evergreen Mills Road to just north of the Loudoun County Landfill.				
SCHOOLS	Completion Date	Planning Subarea	Election District	Budget
Loudoun County HS Naval JROTC Facility	Winter 2015	Leesburg	Leesburg	\$2,897,291
Description: This project provides for the installation of a new traffic signal at Sycolin Road and Loudoun Center Place.				

The Expected Completion Dates are subject to change, and are based upon information provided in the FY 2018, Third Quarter CIP Project Status Report provided to the Board's Finance/Government Operations and Economic Development Committee Meeting on April 10, 2018.



Capital Improvement Program

FY 2019 Adopted Budget

Previously Authorized Projects







Previously Authorized Projects

GENERAL GOVERNMENT					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Landfill Reclamation Project	Construction	TBD	Leesburg	Catoctin	\$21,480
Description: This project is a reclamation project to remediate the oldest landfill cell which will eliminate environmental liabilities and increase capacity at the landfill.					
HEALTH & WELFARE					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Round Hill Group Residence	Construction	Summer 2019	Route 7 West	Blue Ridge	\$2,435,000
Description: This project designs and constructs a group residence on a proffered site located at 17394 Arrowwood Place in the Villages at Round Hill.					
PARKS, RECREATION & CULTURE					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Bolen Park Site and Parking Improvements	Design	Fall 2018	Leesburg	Catoctin	\$7,000,000
Description: This project provides funding to design and construct approximately 1,000 parking spaces at Bolen Park to support events at the DC United Sports Complex.					
Claude Moore Recreation Center <i>Pool Seating Expansion & HVAC replacement</i>	Construction	Fall 2018	Ashburn	Ashburn	\$7,560,100
Description: This project provides funding to expand the facility to accommodate spectator seating in the competition swimming pool area, and replace the HVAC and air evacuation system.					
Lovettsville Community Center Replacement	Design	TBD	Northwest	Catoctin	\$9,380,000
Description: This project provides for the design and construction of a new community center building in the Town of Lovettsville to replace the existing building.					
Lovettsville District Park <i>Phase I</i>	Design	Summer 2018	Northwest	Catoctin	\$14,408,515
Description: This project provides for the design and construction of a District Park to serve the Lovettsville area on a 91-acre County-owned site. The park will contain seven athletic fields, restrooms, concessions, maintenance facilities and an equestrian area.					
Moorefield Station Community Park	Construction	Winter 2018	Ashburn	Dulles	\$7,490,000
Description: This community park, on the same site as the Moorefield Elementary School site, will contain two rectangular fields, one diamond field, field lighting, trail and sidewalk network, public restrooms and concessions, and parking.					
Potomac Green Community Park	Construction	TBD	Ashburn	Broad Run	\$3,250,000
Description: This project provides funding to provide furnishings and equipment at the Potomac Green Community Park. The park is being constructed by a developer as an in-kind proffer and the 28-acre park site was proffered to the County.					
Scott Jenkins Memorial Park <i>Phase II</i>	Construction	Summer 2018	Route 7 West	Catoctin	\$6,488,000
Description: This project constructs Phase II park amenities which include three small baseball fields, one rectangular athletic field, associated parking, public restrooms and concessions to serve the park.					
Sterling Community Center	Design	Winter 2019	Sterling	Sterling	\$15,502,000
Description: This project provides for the renovation of the community center building including the expansion of community center programming in the current Sterling Library space.					
Trailside Park Restrooms	Construction	TBD	Ashburn	Ashburn	\$275,030
Description: This project funds the installation of a public restroom building in Trailside Park.					
Waterford Mill	Design	TBD	Northwest	Catoctin	\$952,950
Description: This project provides for landscaping and scenic beautification along Virginia Scenic Byways at the Waterford Old School site.					
Woodgrove Park Restrooms	Construction	TBD	Route 7 West	Blue Ridge	\$384,520
Description: This project funds the installation of a public restroom building in Woodgrove Park.					



Previously Authorized Projects

PUBLIC SAFETY					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Ashburn Sheriff Station	Construction	Spring 2018	Ashburn	Broad Run	\$14,839,890
Description: This project constructs an 18,000-square-foot Sheriff Station on a County-owned site of approximately five-acres in the One Loudoun community. The station will include offices, work rooms, interview rooms, processing areas, evidence storage and equipment storage.					
Juvenile Detention Center (Phase I)	Design	Winter 2018	Leesburg	Catoctin	\$15,411,930
Description: This project designs and constructs a new 40-bed Juvenile Detention Center on the					
Leesburg Fire & Rescue Station 20 Expansion	Design	Winter 2018	Leesburg	Catoctin	\$4,600,000
Description: This project provides funding to construct an approximately 8,100 square foot expansion to the Leesburg Fire and Rescue Station #20.					
Lovettsville Fire & Rescue Station Replacement	Design	TBD	Northwest	Catoctin	\$14,500,000
Description: This project provides the funding for the first phase to replace the Lovettsville Fire and Rescue Station.					
Public Safety Firing Range	Design	Winter 2018	Leesburg	Catoctin	\$21,300,000
Description: This project designs and constructs an indoor firing range facility to provide firearms training for public safety staff. The indoor facility will be constructed on a developer proffered land site owned by the County.					
Sterling Fire & Rescue Station Replacement	Design	TBD	Sterling	Sterling	\$18,421,000
Description: This project provides funding to design and construct a new 22,000-square-foot replacement station for the Sterling Volunteer Fire and Rescue Companies.					
TRANSPORTATION					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Traffic Signal Preemption Devices	Construction	Summer 2018	Countywide	Countywide	\$1,570,000
Description: This project provides funding to equip 76 key intersections in the County with traffic signal preemption devices.					
Allder School Road Paving	Construction	Spring 2019	Route 7 West	Blue Ridge	\$8,395,550
Description: This project provides for the paving of Allder School Road (Route 711) from Woodgrove Road (Route 719) to Hillsboro Road (Route 690).					
Ashburn Road Sidewalks	Land	Spring 2017	Ashburn	Broad Run	\$638,000
Description: This project provides funding to design and construct a sidewalk along the eastern side of Ashburn Road between Partlow Road and the W&OD Trail.					
Belmont Ridge Road (Gloucester to Hay)	Construction	Fall 2018	Ashburn	Ashburn	\$61,030,800
Description: This project provides funding to expand the road from two lanes to a four-lane median-divided roadway. The project also includes two bridge spans over the W&OD Trail.					
Braddock/Summerall/Supreme Intersection Improvements	Design	Fall 2018	Dulles	Dulles, Blue Ridge	\$2,000,000
Description: This project provides for the installation of a traffic signal and turn lanes at the intersection of Braddock Road (Route 620) and Supreme Drive (Route 1257)/Summerall Drive (Route 1258). The missing half-section of Braddock Road near the subject intersection will be widened from two lanes to four lanes.					
Claiborne Parkway	Construction	Summer 2018	Ashburn	Dulles	\$7,785,450
Description: This project provides funding to design and construct the segment of Claiborne Parkway between Ryan Road and Croson Lane. This is the final section of Claiborne Parkway (Route 901) necessary to complete the road, allowing for a continuous facility from Route 7 to Loudoun County Parkway (Route 607).					



Previously Authorized Projects

TRANSPORTATION					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Edgewater Street & Poland Road Intersection	Design	Fall 2017	Dulles	Dulles	\$950,000
Description: This project provides for the construction of a permanent roundabout at the intersection of Edgewater Street and Poland Road. This project will be administered by VDOT.					
Metro Parking Garages	Construction	Summer 2019	Ashburn	Broad Run	\$84,500,000
Description: This project designs three Metro parking structures to serve the two Metro Silver Line stations in Loudoun County.					
Riverside Parkway <i>Loudoun County Parkway to Lexington</i>	Construction	Fall 2017	Ashburn	Algonkian	\$15,196,400
Description: This project funds the design and construction of a four-lane divided road segment between Loudoun County Parkway and Lexington Drive, as well as a new Loudoun Water main along Smith Circle and a temporary traffic signal at Loudoun County Parkway and George Washington Boulevard.					
Riverside Parkway <i>Lexington Drive to Janelia Farm</i>	Design	Summer 2018	Ashburn	Ashburn, Algonkian	\$3,750,000
Description: This project constructs the missing link segment of the Riverside Parkway/Lexington Drive Extension at Janelia Farm. The missing link segment is proposed as an interim four-lane median divided roadway of approximately 1,550 linear feet. The ultimate planned condition is for a six-lane median-divided roadway.					
Round Hill to Franklin Park Trail	Construction	Fall 2019	Route 7 West	Blue Ridge	\$2,739,949
Description: This project involves the construction of sidewalks and a mixed-use trail to provide pedestrian and bicycle connectivity between the Town of Round Hill and Franklin Park.					
Route 7 / Ashburn Village Boulevard Interchange	Construction	Summer 2018	Ashburn	Ashburn, Broad Run, Algonkian	\$7,253,450
Description: This project provides cash proffers to the developer of One Loudoun to off-set the costs of utility relocation, storm water management, wetlands mitigation, permitting costs and traffic management plans at the intersection of Route 7 and Ashburn Village Boulevard.					
Route 7 / Battlefield Parkway Interchange	Design	TBD	Leesburg	Leesburg	\$50,760,700
Description: This project provides for the planning, design, right-of-way acquisition, and construction of an interchange at the intersection of Route 7 and Battlefield Parkway within the Town of Leesburg.					
Route 7 / Route 659 Interchange & Widening	Construction	Spring 2019	Ashburn	Ashburn	\$73,129,800
Description: This project provides funding to complete the design and construction of the Route 7/Route 659 Interchange, and the realignment and widening of Belmont Ridge Road (Route 659) from two to four lanes between Route 7 and Gloucester Parkway.					
Route 28 Hot Spot Improvements	Construction	TBD	Ashburn, Dulles, Sterling	Broad Run, Dulles	\$12,400,000
Description: This project constructs an additional southbound lane of Route 28 from Sterling Boulevard to the Dulles Toll Road.					
Route 606 Widening	Construction	Summer 2018	Dulles	Dulles, Blue Ridge	\$40,285,570
Description: This project provides funding for preliminary engineering, design, and construction of two additional lanes to widen Route 606 to four lanes from Evergreen Mills Road to the Dulles Greenway.					
Route 772 Connector Bridge	Design/Build	Winter 2018	Ashburn	Broad Run	\$26,528,350
Description: This project funds the design of the Route 772 Connector Bridge which connects Croson Lane on the western Side of the Greenway to Shellhorn Road on the Eastern side of the Greenway. The bridge is an integral connection to provide access to the planned parking garages for the Dulles Metrorail Station.					
Shaw Road	Land	Fall 2018	Sterling	Sterling	\$1,016,550
Description: This project provides for the design and construction of improvements to Shaw Road from the Sterling Technology property to the Dulles Electric Supply property in order to widen the road from two to four lanes, and to solve existing roadway drainage issues.					



Previously Authorized Projects

TRANSPORTATION					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Sterling Boulevard Extension	Design	Spring 2018	Sterling	Sterling	\$24,128,650
Description: This project provides funding to design and construct an extension of Sterling Boulevard between Pacific Boulevard and Moran Road.					
Traffic Signal Emergency Backup System	FFE	TBD	Countywide	Countywide	\$1,005,000
Description: This project provides funding to equip specific, high-priority traffic volume intersections in the County with emergency backup power to keep key traffic signals in operation in the event of a prolonged widespread power outage.					
Waxpool Road	Construction	Fall 2017	Ashburn	Ashburn, Broad Run	\$5,486,000
Description: This project designs and constructs a four-lane section of Waxpool Road between Faulkner Parkway and Unbridled Way. The project also includes the installation of a traffic signal at the intersection of Waxpool Road and Ashburn Village Parkway.					
Waxpool Road Intersection Improvements	Land	Spring 2018	Ashburn	Broad Run	\$7,400,000
Description: This project designs and constructs intersection improvements and turn lanes at Waxpool Road and Pacific Boulevard and at Waxpool Road and Broderick Drive.					
Woodgrove High School/Fields Farm Park Road	Design	Spring 2018	Route 7 West	Blue Ridge	\$3,815,000
Description: This project provides funding to design and construct a two-lane road connecting Woodgrove High School to Route 690 through the County-owned Fields Farm park property.					

The Expected Completion Dates are subject to change, and are based upon information provided in the FY 2018, Third Quarter CIP Project Status Report provided to the Board's Finance/Government Operations and Economic Development Committee Meeting on April 10, 2018.



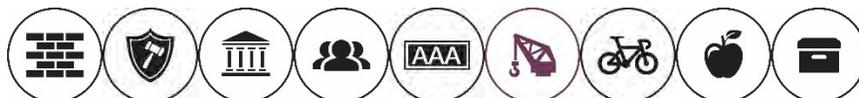
Capital Improvement Program

FY 2019 Adopted Budget

County Capital Projects

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Capital Improvement Program by Functional Area Schedule of Appropriations										
Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
County Capital Projects										
Projects										
Administration	313,317	6,480	2,800	7,990	-	23,680	9,115	50,065	5,475	368,857
General Government	160,013	26,833	32,643	25,186	20,308	36,521	136,258	277,749	103,899	541,661
Health and Welfare	-	-	-	2,375	-	-	-	2,375	6,646	9,021
Parks, Recreation, and Culture	158,699	16,915	9,839	41,910	71,935	-	-	140,599	103,575	402,872
Public Safety	145,838	23,950	17,350	29,483	33,318	30,397	20,088	154,586	14,987	315,411
Budgetary Cost	777,867	74,177	62,632	106,944	125,561	90,598	165,461	625,373	234,582	1,637,823
Funding Source										
Local Tax Funding	241,688	27,236	27,173	35,909	26,426	43,028	34,221	193,993	114,233	549,914
Fund Balance	82,494	-	-	-	-	-	-	-	-	82,494
General Obligation Bonds	167,430	4,300	13,760	30,560	87,335	21,825	16,610	174,390	103,575	445,395
Lease Revenue Financing	140,988	32,777	17,640	40,475	11,800	20,760	114,630	238,082	16,774	395,844
Proffers (Cash)	79,799	7,531	4,059	-	-	-	-	11,590	-	91,389
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance	4,598	-	-	-	-	-	-	-	-	4,598
Fees	4,462	2,334	-	-	-	-	-	2,334	-	6,795
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
VPSA Bonds	-	-	-	-	-	4,985	-	4,985	-	4,985
Total Funding Source	777,867	74,177	62,632	106,944	125,561	90,598	165,461	625,373	234,582	1,637,823



Capital Improvement Program

FY 2019 Adopted Budget

Administration



**Capital Improvement Program by Functional Area
Schedule of Appropriations**

Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total

Administration

Projects

Land Acquisition Fund	248,317	1,480	1,500	7,990	-	23,680	9,115	43,765	5,475	297,557
Major Computer Systems	65,000	5,000	1,300	-	-	-	-	6,300	-	71,300
Budgetary Cost	313,317	6,480	2,800	7,990	-	23,680	9,115	50,065	5,475	368,857

Funding Source

Local Tax Funding	96,316	1,480	1,500	7,990	-	18,695	9,115	38,780	5,475	140,571
Fund Balance	76,934	-	-	-	-	-	-	-	-	76,934
General Obligation Bonds	52,475	-	-	-	-	-	-	-	-	52,475
Lease Revenue Financing	29,730	5,000	1,300	-	-	-	-	6,300	-	36,030
Proffers (Cash)	1,855	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance	4,598	-	-	-	-	-	-	-	-	4,598
VPSA Bonds	-	-	-	-	-	4,985	-	4,985	-	4,985
Total Funding Source	313,317	6,480	2,800	7,990	-	23,680	9,115	50,065	5,475	368,857



Land Acquisition Fund

Project Description

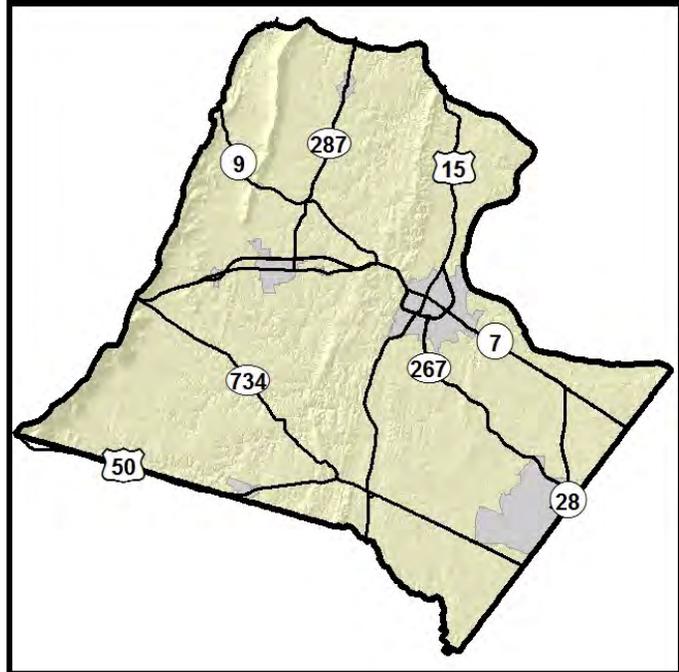
To develop the facilities in the Capital Plan, the County utilizes land sites already owned by the County and the Loudoun County School Board, proffered land sites to be dedicated to the County, and sites that need to be acquired. This project page outlines the projects where land sites need to be acquired to develop facilities in the six-year CIP timeframe.

During the FY 2019 - FY 2024 capital planning period, site acquisitions are planned for the following facilities:

FY 2019 Courts Complex, Eastern DS Group Residence
 FY 2020 Courts Complex

Land acquisition for Loudoun County Public School projects is planned in FY 2021, FY 2023, and FY 2024.

Operational expenses required to support the County's land acquisition program are shown as part of the Capital Project Management project page.



Election District

Countywide

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land Acquisition - County Projects	118,435	1,480	1,500	-	-	-	-	2,980	-	121,415
Land Acquisition - School Projects	129,882	-	-	7,990	-	23,680	9,115	40,785	5,475	176,142
Total Cost	248,317	1,480	1,500	7,990	-	23,680	9,115	43,765	5,475	297,557
Local Tax Funding	95,216	1,480	1,500	7,990	-	18,695	9,115	38,780	5,475	139,471
Fund Balance	36,934	-	-	-	-	-	-	-	-	36,934
General Obligation Bonds	52,475	-	-	-	-	-	-	-	-	52,475
Lease Revenue Financing	5,830	-	-	-	-	-	-	-	-	5,830
Proffers (Cash)	1,855	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance	4,598	-	-	-	-	-	-	-	-	4,598
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
VPSA Bonds	-	-	-	-	-	4,985	-	4,985	-	4,985
Total Financing	248,317	1,480	1,500	7,990	-	23,680	9,115	43,765	5,475	297,557
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	-	499	499		
Total Impact		-	-	-	-	-	499	499		



Major Computer Systems

Project Description

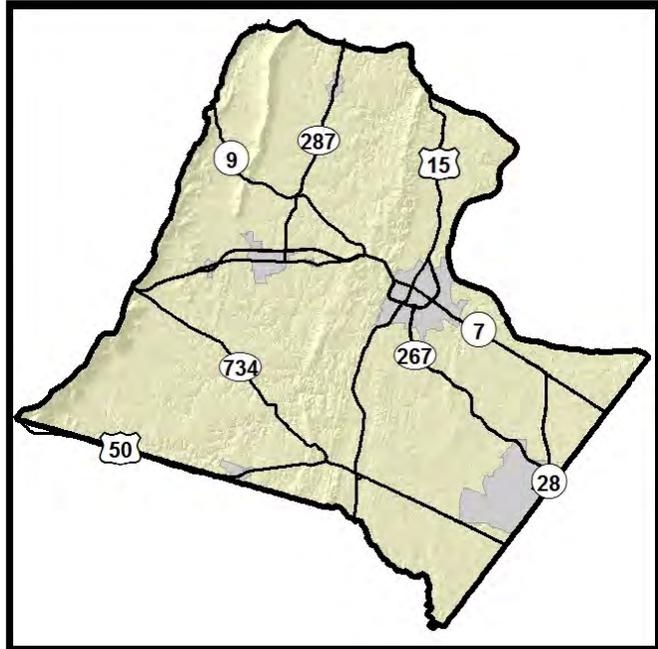
This project plans for the acquisition or replacement of major computer systems that cost more than \$500,000 per system. Prior to FY 2012, both major and minor computer system replacements were treated as a component part of the Capital Asset Preservation Program (CAPP). In November of 2010, to accurately capitalize costs, the major computer systems were reclassified from the CAPP to the Capital Improvement Program (CIP) as a Capital Fund allocation.

Planned major computer systems acquisitions include costs related to:

FY 2019 Land Management Information System Replacement and Renovations for the Department of Building and Development and the Department of Planning and Zoning

FY 2020 Microsoft system upgrades to Windows 10 and desktop productivity software

The annual cost for incremental operations and maintenance as a result of these projects will be incorporated into the Department of Information Technology's base operating budget.



Election District

Countywide

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	65,000	5,000	1,300	-	-	-	-	6,300	-	71,300
Total Cost	65,000	5,000	1,300	-	-	-	-	6,300	-	71,300
Local Tax Funding	1,100	-	-	-	-	-	-	-	-	1,100
Fund Balance	40,000	-	-	-	-	-	-	-	-	40,000
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	23,900	5,000	1,300	-	-	-	-	6,300	-	30,200
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	65,000	5,000	1,300	-	-	-	-	6,300	-	71,300

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	2.00	-	-	-	-	2.00
Personnel	-	172	178	183	188	194	915
O&M	-	10	-	-	-	-	10
Debt Service	140	1,205	2,119	2,060	2,128	2,040	9,693
Total Impact	140	1,388	2,297	2,243	2,316	2,234	10,618



Capital Improvement Program

FY 2019 Adopted Budget

General Government



Capital Improvement Program by Functional Area Schedule of Appropriations										
Capital (\$ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
General Government										
Projects										
Capital Project Management	73,072	10,896	11,133	8,376	8,628	8,887	9,153	57,073	39,442	169,586
CIP Contingency	11,900	2,450	2,500	2,500	2,500	2,500	2,500	14,950	10,000	36,850
Consolidated Shops and Warehouse	31,200	-	4,000	3,500	-	-	-	7,500	-	38,700
Eastern Services Center	-	-	-	-	-	-	17,250	17,250	-	17,250
General Government Office Space - Sycolin Road Phase I	-	-	-	-	-	15,565	97,380	112,945	10,128	123,073
Landfill Debt Service	4,462	2,334	-	-	-	-	-	2,334	-	6,795
Landfill Sequence 1A Cap	-	-	1,500	-	-	-	-	1,500	-	1,500
Landfill Sequence V Closure	-	1,350	5,060	-	-	-	-	6,410	-	6,410
Public Safety Radio System Redundant Master/Prime Site	1,625	1,450	-	-	-	-	-	1,450	-	3,075
Storm Water Management	33,025	5,860	6,150	6,460	6,780	7,119	7,475	39,844	33,829	106,698
Town of Hillsboro Old Stone School/Town Hall	80	243	-	-	-	-	-	243	-	323
Waterford Space Renovation	-	-	-	2,000	-	-	-	2,000	-	2,000
Water/Wastewater Fund	4,650	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	29,400
Budgetary Cost	160,013	26,833	32,643	25,186	20,308	36,521	136,258	277,749	103,899	541,661
Funding Source										
Local Tax Funding	130,772	21,456	22,083	19,686	20,308	20,956	21,628	126,117	93,771	350,660
Fund Balance	3,700	-	-	-	-	-	-	-	-	3,700
Lease Revenue Financing	21,000	2,800	10,560	5,500	-	15,565	114,630	149,055	10,128	180,183
Proffers (Cash)	80	243	-	-	-	-	-	243	-	323
Fees	4,462	2,334	-	-	-	-	-	2,334	-	6,795
Total Funding Source	160,013	26,833	32,643	25,186	20,308	36,521	136,258	277,749	103,899	541,661



Capital Project Management

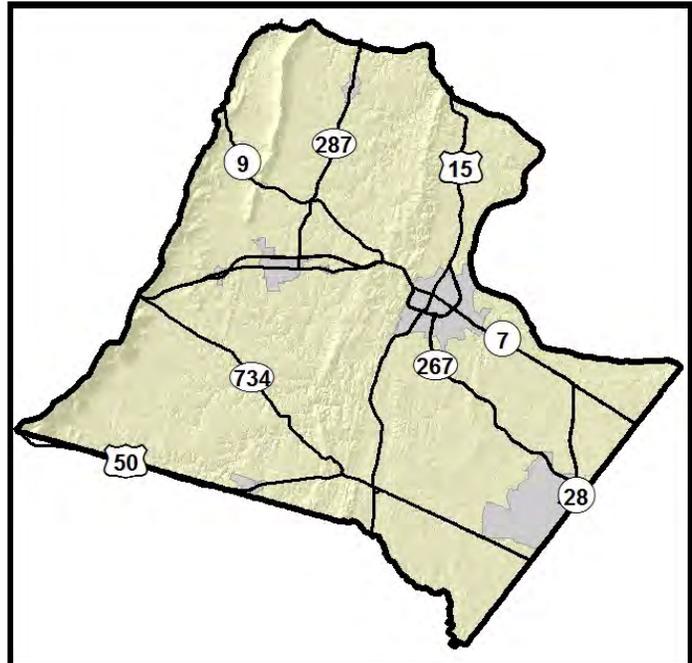
Project Description – C02011

Capital Project Management is provided by several County Departments, with the Department of Transportation and Capital Infrastructure functioning as the primary staff contact for matters relating to land acquisition, planning, budgeting, design, engineering, construction management and project support.

Resources in the Office of the County Attorney and the Department of Finance and Procurement also provide support to the County's capital projects. These resources are included as part of the Capital Project Management budget.

Additional information on the Department of Transportation and Capital Infrastructure, the Office of the County Attorney, and the Department of Finance and Procurement may be found in the operating budget section of this document.

Due to the high volume of design and construction projects, the CIP includes annual allocations of local tax funding to hire consulting services from private firms to help deliver construction projects on time.



Election District

Countywide

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	9,013	4,250	4,288	1,326	1,366	1,407	1,449	14,086	6,244	29,343
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	64,059	6,646	6,845	7,050	7,262	7,480	7,704	42,987	33,198	140,243
Total Cost	73,072	10,896	11,133	8,376	8,628	8,887	9,153	57,073	39,442	169,586
Local Tax Funding	73,072	10,896	11,133	8,376	8,628	8,887	9,153	57,073	39,442	169,586
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	73,072	10,896	11,133	8,376	8,628	8,887	9,153	57,073	39,442	169,586



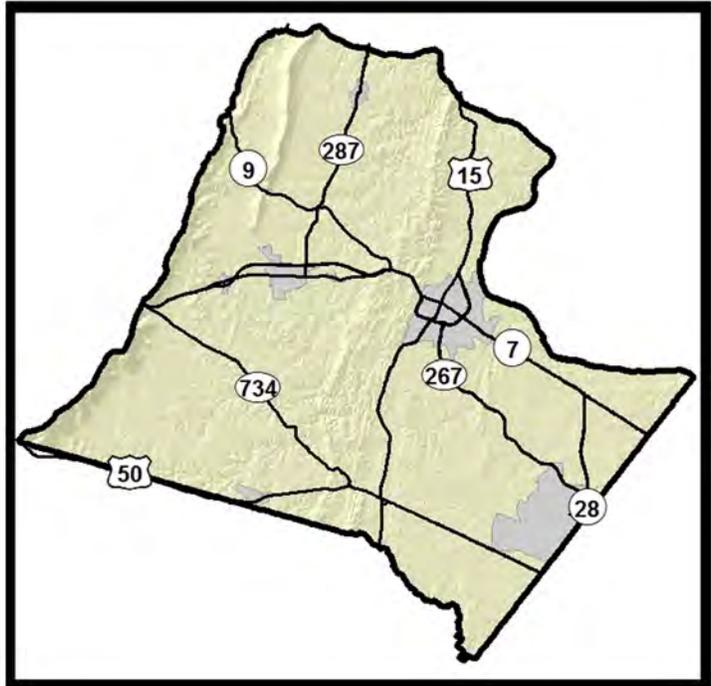
CIP Contingency

Project Description – C00030

The CIP includes annual allocations of local tax funding to maintain a sustainable capital project contingency commensurate with a \$2 billion capital financing plan.

Election District

Countywide



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	11,900	2,450	2,500	2,500	2,500	2,500	2,500	14,950	10,000	36,850
Total Cost	11,900	2,450	2,500	2,500	2,500	2,500	2,500	14,950	10,000	36,850
Local Tax Funding	8,700	2,450	2,500	2,500	2,500	2,500	2,500	14,950	10,000	33,650
Fund Balance	3,200	-	-	-	-	-	-	-	-	3,200
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	11,900	2,450	2,500	2,500	2,500	2,500	2,500	14,950	10,000	36,850

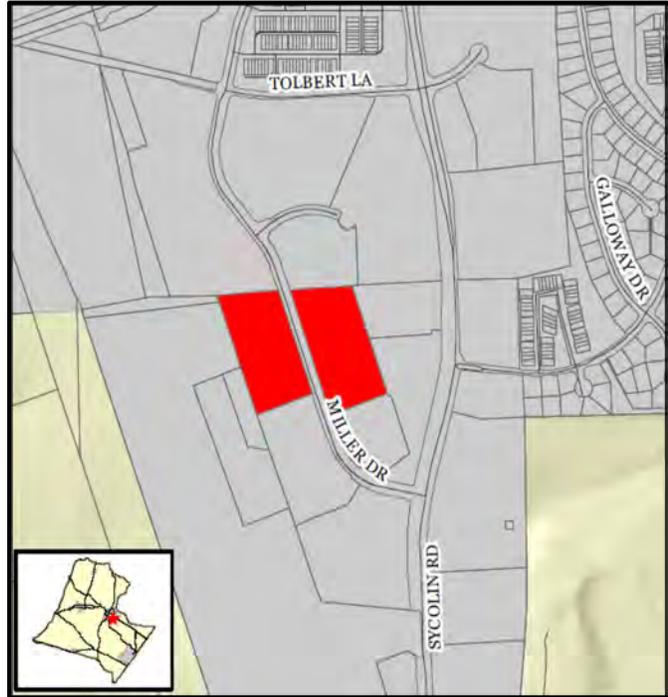


Consolidated Shops and Warehouse Facility

Project Description – C02071

The Consolidated Shops and Warehouse Facility will provide storage and warehouse space for all County Government departments into a centralized facility, eliminating the use of leased warehouse, shop and storage space spread throughout the County. The facility will provide functional, secure warehousing space for Fire, Rescue and Law Enforcement equipment, surplus materials awaiting disposition, technician shops for the outfitting of emergency response vehicles, and inside storage/shop space areas for technicians providing for countywide mechanical, building and security systems. Public Works infrastructure maintenance crews will use part of the facility for work and support space, outside material staging areas, and storage areas for protective equipment. In addition, the facility will also house the County's surplus store, providing storage for high value items, and climate controlled space for archived records.

Project appropriations include \$24,500,000 from a prior fiscal year to purchase existing facilities at 750 and 751 Miller Drive totaling 176,250 square feet, and \$6,500,000 to provide initial renovations of the space not occupied by leases from non-County tenants. The County is also using a portion of the renovation appropriations to build the Fire and Rescue CPAT Center, Public Safety Health and Wellness Center, within a portion of the 751 Miller Drive facility. An additional \$4,000,000 is planned in FY 2020 and \$3,500,000 in FY 2021 to renovate all remaining space vacated by current tenants as their leases within the facility expire.



Election District

Catoctin

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	24,700	-	-	-	-	-	-	-	-	24,700
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	6,500	-	4,000	3,500	-	-	-	7,500	-	14,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	31,200	-	4,000	3,500	-	-	-	7,500	-	38,700
Local Tax Funding	10,200	-	-	-	-	-	-	-	-	10,200
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	21,000	-	4,000	3,500	-	-	-	7,500	-	28,500
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	31,200	-	4,000	3,500	-	-	-	7,500	-	38,700
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
O&M		1,291	1,303	1,316	1,330	1,343	1,356	7,939		
Debt Service		-	100	395	473	721	702	2,390		
Total Impact		1,291	1,403	1,711	1,802	2,064	2,058	10,329		



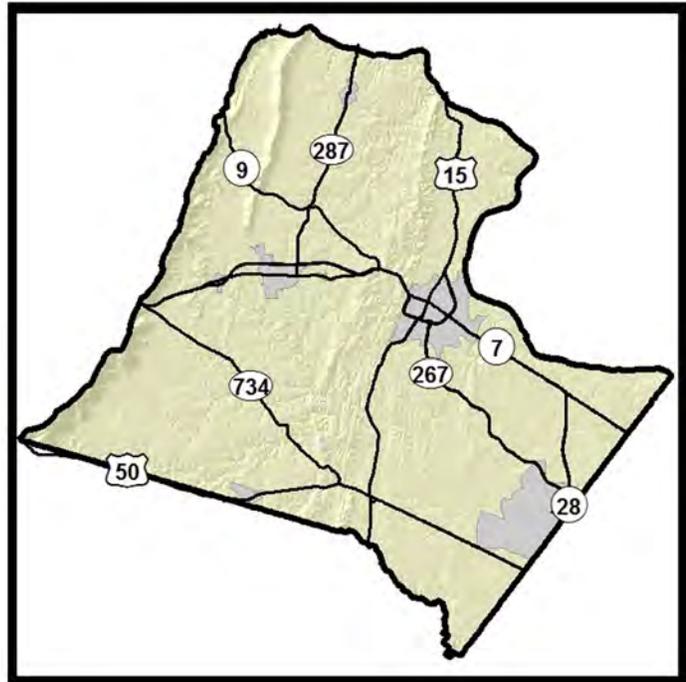
Eastern Services Center

Project Description

This project proposes to provide funding to acquire and renovate 60,000 square feet of office space in the eastern portion of the County to serve as an Eastern Community Services Center.

The Board directed staff to develop a Government Office Space Transition Strategy, which includes the construction of new County Government facilities and/or the acquisition of existing office or commercial buildings in specific areas of the County that provide synergy between the County seat in Leesburg and population densities in eastern Loudoun. The Board direction also provided for the acquisition of an appropriate Community Service Center in Eastern Loudoun sufficient to deliver satellite public services to include the Commissioner of Revenue, Treasurer, Family Services, Health Department, Workforce Resources, and Mental Health and Substance Abuse and Developmental Services.

The development and acquisition of new County government office space will allow the County to move current operations out of leased space, at a significant long-term cost savings to the County, and develop additional space required to accommodate future growth.



Election District

TBD

Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	17,250	17,250	-	17,250
Total Cost	-	-	-	-	-	-	17,250	17,250	-	17,250
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	17,250	17,250	-	17,250
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	17,250	17,250	-	17,250
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	-	144	144		
Total Impact		-	-	-	-	-	144	144		



General Government Office Space – Sycolin Road Phase I

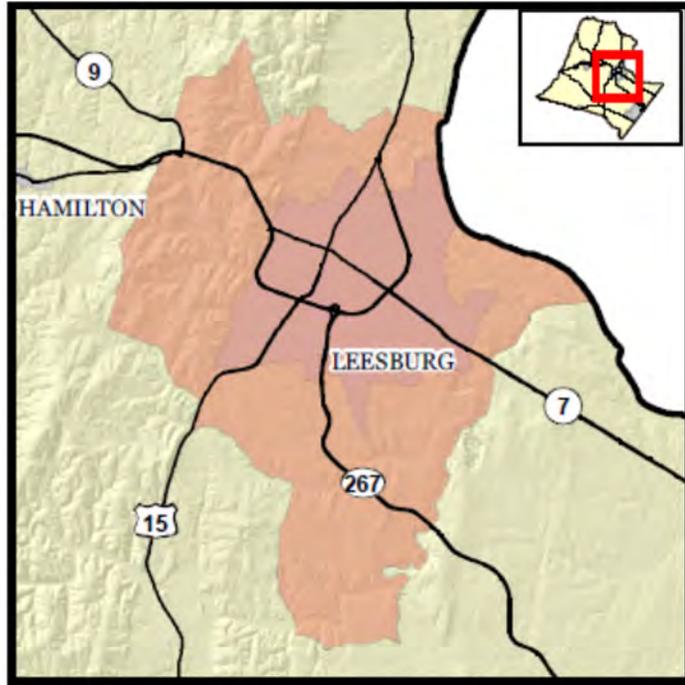
Project Description

Phase I of the project proposes to provide funding to design and construct up to 150,000 square feet of new County government office space at the Government Support Center site along Sycolin Road in the Leesburg Planning Subarea in a future fiscal year.

The Board directed staff to develop a Government Office Space Transition Strategy, which includes the construction of new County Government facilities and/or the acquisition of existing office or commercial buildings in specific areas of the County that provide synergy between the County seat in Leesburg and population densities in eastern Loudoun. The development of new County government office space will allow the County to move current operations out of leased space, at a significant long-term cost savings to the County, and develop additional space required to accommodate future growth.

Election District

Catoctin



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	15,565	-	15,565	-	15,565
Construction	-	-	-	-	-	-	97,380	97,380	-	97,380
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	10,128	10,128
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	15,565	97,380	112,945	10,128	123,073
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	15,565	97,380	112,945	10,128	123,073
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	15,565	97,380	112,945	10,128	123,073
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	125	644	769		
Total Impact		-	-	-	-	125	644	769		

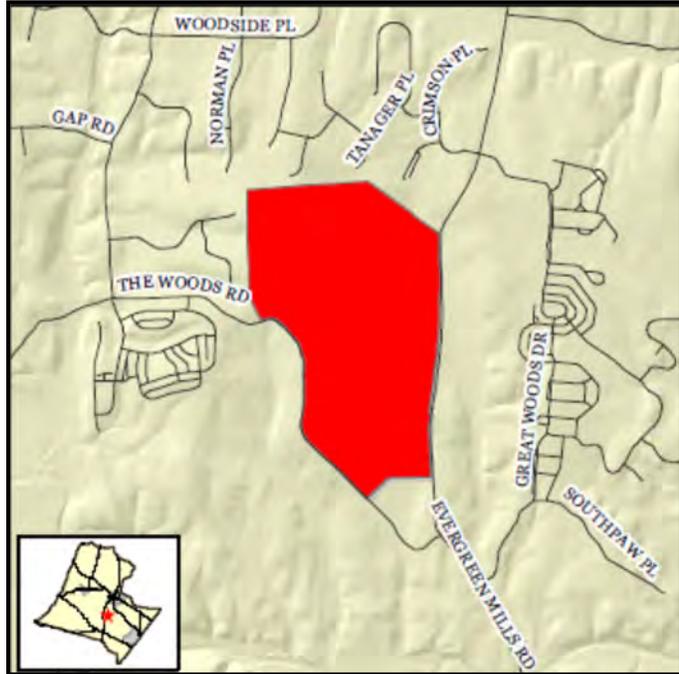


Landfill Sequence 1A Cap

Project Description -

This project consists of design and construction of erosion and sediment controls, fine grading, and installation of a temporary synthetic cap over Cell 1A of the landfill once it is filled to capacity, per approved permit conditions.

The Department of General Services manages the Loudoun County Solid Waste Management Facility (Landfill). Capping operations and maintenance costs include maintenance of lined and capped disposal space, erosion control structures and environmental monitoring in accordance with approved permit conditions, plan requirements and State regulations. No additional operational resources are required for the capping project.



Election District

Catoctin

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	1,500	-	-	-	-	1,500	-	1,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	1,500	-	-	-	-	1,500	-	1,500
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	1,500	-	-	-	-	1,500	-	1,500
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	1,500	-	-	-	-	1,500	-	1,500

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	38	148	144	141	137	608
Total Impact	-	38	148	144	141	137	608

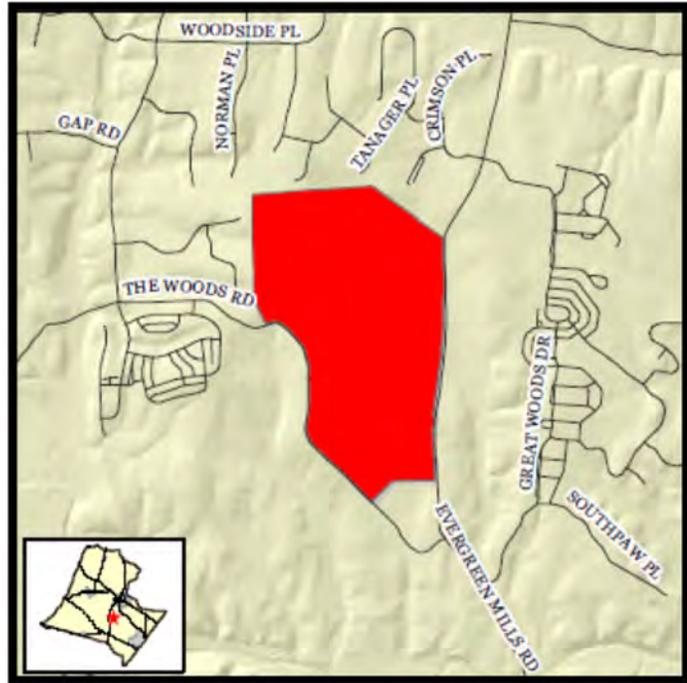


Landfill Sequence V Closure

Project Description

This project funds the engineering, design and construction of the final cap and closure of a 15-acre site at the Loudoun County Solid Waste Management Facility. Closure of the Loudoun County Solid Waste Management Facility unit was initially proposed in four sequences. To minimize erosion and to improve storm water management controls, the fourth sequence closure was divided into two smaller projects, Sequence IV and Sequence V.

The Department of General Services manages the Loudoun County Solid Waste Management Facility (Landfill). Closure operations and maintenance costs include maintenance of closed, lined and capped disposal space, erosion control structures and environmental monitoring in accordance with approved permit conditions, closure plan requirements and State regulations. No additional operational resources are required for the closure project.



Election District

Catoctin

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	1,350	-	-	-	-	-	1,350	-	1,350
Construction	-	-	5,060	-	-	-	-	5,060	-	5,060
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	1,350	5,060	-	-	-	-	6,410	-	6,410
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	1,350	5,060	-	-	-	-	6,410	-	6,410
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	1,350	5,060	-	-	-	-	6,410	-	6,410
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		34	262	629	618	597	586	2,725		
Total Impact		34	262	629	618	597	586	2,725		

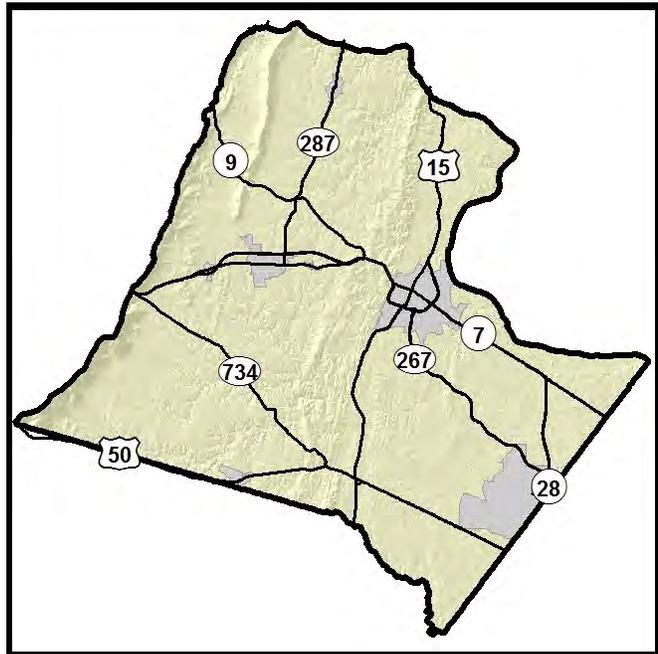


Public Safety Radio System Redundant Master/Prime Site

Project Description – C02174

On July 29, 2016, the County's public safety radio system experienced a catastrophic system failure caused by an external electrical malfunction that destroyed critical infrastructure. All eleven trunked channels reverted to conventional operation. Field personnel and ECC dispatchers were having problems communicating with one another. Personnel had to utilize channels from neighboring jurisdictions, as well as from the Bull Run Mountain site. Due to the magnitude of the damage, the County did not have sufficient spare parts for all of the failed components, even after borrowing available parts from Prince William County.

In an effort to ensure similar failures are minimized and mitigated in the future, this project provides \$1.625 million in local tax funding from the Major Equipment Replacement Fund in FY 2018, and \$1.450 million in lease revenue financing in the Capital Projects Fund in FY 2019 to build a geographically redundant master/prime site, allowing the radio system to operate normally in the event of a future catastrophic failure at a single master/prime site. A new location for a redundant site is recommended in leased commercial Data Center space, preferably in the Ashburn area, which is an operating expense in DIT's budget.



Election District

Countywide

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	1,625	1,450	-	-	-	-	-	1,450	-	3,075
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	1,625	1,450	-	-	-	-	-	1,450	-	3,075
Local Tax Funding	1,625	-	-	-	-	-	-	-	-	1,625
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	1,450	-	-	-	-	-	1,450	-	1,450
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	1,625	1,450	-	-	-	-	-	1,450	-	3,075

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	36	272	267	252	246	231	1,304
Total Impact	36	272	267	252	246	231	1,304



Storm Water Management

Project Description – C00003

As part of its standard operating regimen, the County routinely updates its storm water infrastructure inventory as facilities are added through new development. The County has developed and implemented an overall storm water management program to meet the Environmental Protection Agency's (EPA) Phase II storm water discharge permit requirements that mandate the repair, maintenance, and restoration of County-owned storm water infrastructure.

These capital funds support the restoration and management of storm water infrastructure the County identified in the storm water management strategic plan. This project provides funding to meet storm water management programmatic needs, partially restore the older sections of the system, address ongoing growth, and administer the repair and maintenance of the entire system Countywide.

Beginning in FY 2019 and extending over a ten year period, additional funding is required to support the County's State and Federal TMDL (Total Maximum Daily Load) and MS4 (Municipal Separate Storm Sewer System) Chesapeake Bay requirements. The TMDL was issued by the EPA and is a mandate on the bay states. The Phase II Watershed Implementation Plan (WIP) was Virginia's answer to the EPA requirement. The County's Phase II WIP study was completed in 2012. Loudoun's share of the WIP requirement would be \$20 million (2012 dollars) in storm water retrofit projects by 2028.



Election District

Countywide

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	33,025	-	-	-	-	-	-	-	-	33,025
Construction	-	5,860	6,150	6,460	6,780	7,119	7,475	39,844	33,829	73,673
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	33,025	5,860	6,150	6,460	6,780	7,119	7,475	39,844	33,829	106,698
Local Tax Funding	32,525	5,860	6,150	6,460	6,780	7,119	7,475	39,844	33,829	106,198
Fund Balance	500	-	-	-	-	-	-	-	-	500
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	33,025	5,860	6,150	6,460	6,780	7,119	7,475	39,844	33,829	106,698



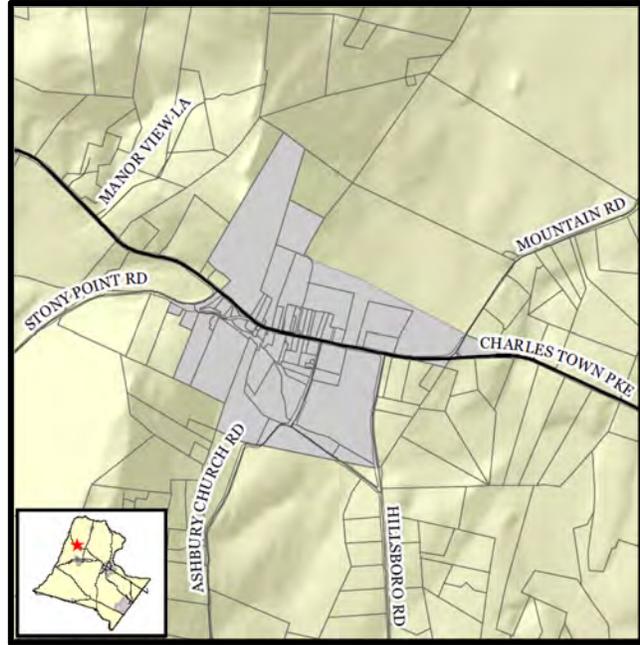
Town of Hillsboro – Old Stone School/Town Hall

Project Description – C02175

Each year, the County solicits capital project funding requests from Towns within the County for facilities. As a capital expense, the funding for the projects is shown in the County’s CIP. This project provides funding in FY 2019 for the following project in the Town of Hillsboro:

Old Stone School/Town Hall

The 140-year-old Old Stone School serves as the Town Hall as well as community center/cultural center and event venue. The Town has made extensive investments in the building (first floor heating/cooling, electrical and plumbing upgrades, roof repairs) to preserve the building and generate revenue from daily rentals and special events, however critical upgrades remain to be completed. The requested funding is to install a heating and cooling system to the second floor, make additional roof repairs and make restrooms handicap accessible.



Election District

Blue Ridge

Capital (\$ in 1000s)	Prior								6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025			
Land	-	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-	-
Other	80	243	-	-	-	-	-	-	243	-	323
Total Cost	80	243	-	-	-	-	-	-	243	-	323
Local Tax Funding	-	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	80	243	-	-	-	-	-	-	243	-	323
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Total Financing	80	243	-	-	-	-	-	-	243	-	323



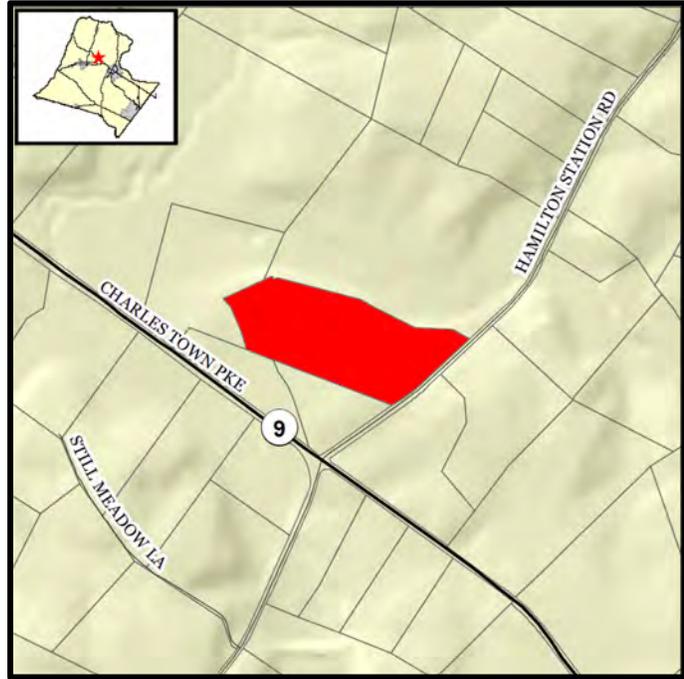
Waterford Space Renovation

Project Description

This project proposes to provide funding to renovate up to 11,000 square-feet at the former Animal Shelter in Waterford as office space for Extension Services and Economic Development's Agricultural Business program.

The County is constructing a new Animal Services facility at the Government Support Center site off of Sycolin Road in the Leesburg area. Once this facility is open, the old Animal Shelter building is available for re-use. This project provides funding to renovate the former Animal Shelter building for County government use that will eliminate the need for leased office space for Extension Services, and provide needed program space for the Agricultural Business program for Economic Development.

The land surrounding the former Animal Shelter will still be used for large animal housing and seizures, and other animal housing where zoning regulations do not permit the animals to be housed at the new Animal Services facility.



Election District

Catoctin

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	2,000	-	-	-	2,000	-	2,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	2,000	-	-	-	2,000	-	2,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	2,000	-	-	-	2,000	-	2,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	2,000	-	-	-	2,000	-	2,000

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	50	198	193	188	628
Total Impact	-	-	50	198	193	188	628

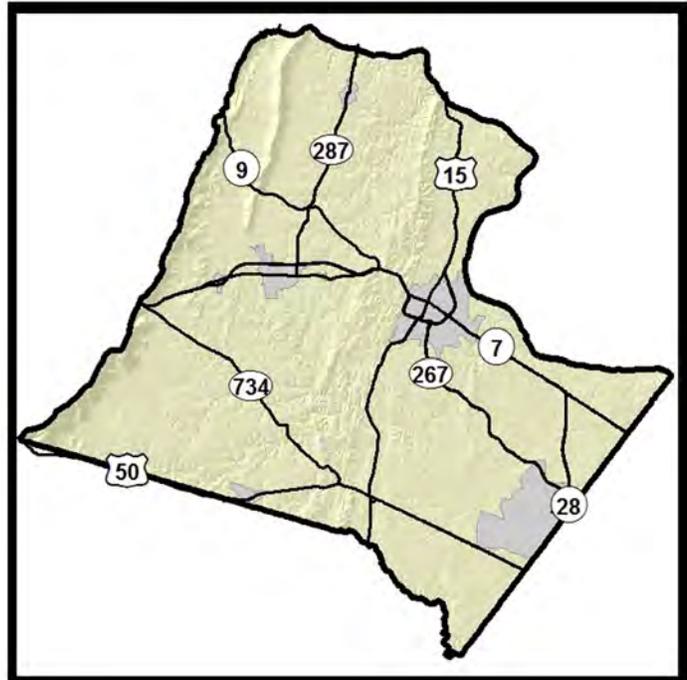


Water/Wastewater Fund

Project Description – C02091

In 2015, the Board of Supervisors approved the Water and Wastewater Projects Funding Policy which established the Water/Wastewater Fund (Fund). The Fund supports communities experiencing issues with inadequate water and/or wastewater systems by funding water and wastewater feasibility studies, designs, construction costs and utility connections for at-risk communities throughout the County, based on a community's ability to pay.

In FY 2017, the Fund supported the Town of Hillsboro with a wastewater feasibility study. In FY 2018, the Fund supported the Howardsville community wastewater project. Three other communities requested assistance in FY 2018 (The Marches, Aldie, and Paeonian Springs) and support from the Fund for these communities will be determined through the established eligibility process. No operating expenses will be incurred during the six-year CIP planning period.



Election District

Countywide

Recent Projects

FY 2017	Hillsboro Feasibility Study	\$135,000
FY 2018	Howardsville Wastewater System	\$1,200,000

Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	935	340	350	365	380	395	410	2,240	1,790	4,965
Construction	3,715	1,910	1,950	1,985	2,020	2,055	2,090	12,010	8,710	24,435
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	4,650	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	29,400
Local Tax Funding	4,650	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	29,400
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	4,650	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	29,400



Capital Improvement Program

FY 2019 Adopted Budget

Health and Welfare



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital Capital (\$ in 1000s)	Prior							6 Year	Future	Project	
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total	
Health and Welfare											
Projects											
Adolescent Independent Living Residence	-	-	-	-	-	-	-	-	6,646	6,646	
DS Group Residence - Eastern Loudoun	-	-	-	2,375	-	-	-	2,375	-	2,375	
Budgetary Cost	-	-	-	2,375	-	-	-	2,375	6,646	9,021	
Funding Source											
Lease Revenue Financing	-	-	-	2,375	-	-	-	2,375	6,646	9,021	
Total Funding Source	-	-	-	2,375	-	-	-	2,375	6,646	9,021	



Adolescent Independent Living Residence

Project Description

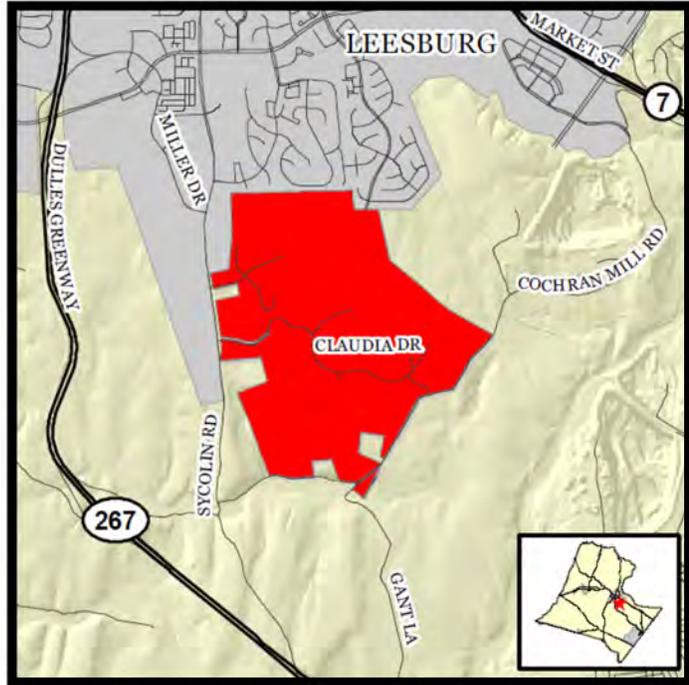
This project provides for the construction of a 9,000-square-foot building with a 12-bed capacity to serve youth, ages 16 to 21, which have no realistic expectation of returning to their home environment.

The program will place an emphasis on preparing youth for living independently within the community. The program will address key areas such as: housing, vocational/educational services, independent living skills, and/or community networking. It is anticipated that youth participating in this program will be referred primarily from Foster Care, Child Protective Services, and the Family Connections program.

The facility will be operated by the Department of Family Services and is proposed to be located at the County Government Support Center off of Sycolin Road in the Leesburg Planning Subarea.

Election District

Catoctin



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	6,646	6,646
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	6,646	6,646
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	6,646	6,646
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	6,646	6,646

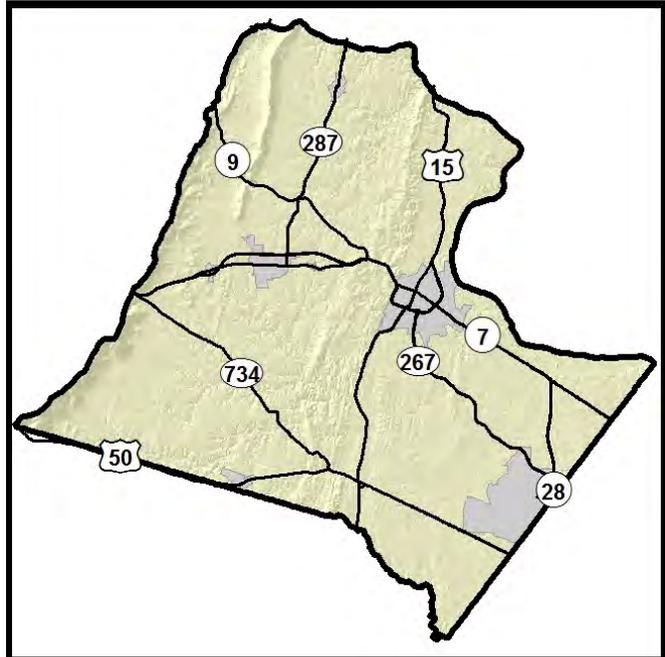


Developmental Services Group Residence – Eastern Loudoun

Project Description

This project involves the design and construction of a single level, 3,400-square-foot house in Eastern Loudoun to serve four to five clients with associated staff office space. This would be a County-owned residence, but client services are proposed to be contracted to a private vendor. Funding for land acquisition for a site in eastern Loudoun is provided in FY 2019 of the Land Acquisition Fund.

The Department of Mental Health, Substance Abuse, and Developmental Services' Residential Services Division provides long term residential support including training, supervision, and individualized assistance with daily living and community access. The residential group home system is a mix of County-owned and operated and private vendor-operated residences. The group home team develops and implements a person-centered support plan with input from the individual resident, family, and/or guardian and friends, while providing coordination of all medical, behavioral, mental health, and therapeutic services as needed. Each program is operated 24 hours a day, 7 days a week. Much of the funding for the residential group home system comes from the Medicaid Home and Community Based Waiver program.



Election District

To Be Determined

Capital (\$ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	240	-	-	-	240	-	240
Construction	-	-	-	1,670	-	-	-	1,670	-	1,670
Furniture, Fixtures & Equip	-	-	-	465	-	-	-	465	-	465
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	2,375	-	-	-	2,375	-	2,375
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	2,375	-	-	-	2,375	-	2,375
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	2,375	-	-	-	2,375	-	2,375
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
FTE		-	-	-	1.17	-	-	1.17		
Personnel		-	-	-	79	81	84	244		
O&M		-	-	-	35	35	36	106		
Debt Service		-	-	59	265	258	250	832		
Total Impact		-	-	59	379	374	370	1,182		



Capital Improvement Program

FY 2019 Adopted Budget

Parks, Recreation and Culture



Capital Improvement Program by Functional Area										
Schedule of Appropriations										
Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Parks, Recreation, and Culture										
Projects										
Ashburn Recreation and Community Center	70,930	-	-	15,000	-	-	-	15,000	-	85,930
Ashburn Senior Center	8,285	1,200	-	-	-	-	-	1,200	-	9,485
Bolen Park Phase II	500	-	-	6,725	-	-	-	6,725	-	7,225
Brambleton Library	-	680	9,839	-	-	-	-	10,519	-	10,519
Fields Farm Park	1,860	-	-	3,350	25,835	-	-	29,185	-	31,045
Franklin Park to Purcellville Trail	520	-	-	-	5,000	-	-	5,000	-	5,520
Hal & Berni Hanson Regional Park	76,365	14,800	-	-	-	-	-	14,800	-	91,165
Hamilton Community Park	-	50	-	-	-	-	-	50	-	50
Loudoun State Park	-	-	-	-	-	-	-	-	-	-
Lovettsville District Park - Phase II	-	-	-	4,680	-	-	-	4,680	-	4,680
Scott Jenkins - Phase III	-	-	-	2,255	-	-	-	2,255	-	2,255
STEM Library	-	-	-	5,900	41,100	-	-	47,000	-	47,000
Town of Leesburg - Veteran's Park	-	-	-	4,000	-	-	-	4,000	-	4,000
Town of Round Hill - Sleeter Lake Park	238	185	-	-	-	-	-	185	-	423
Western Loudoun Recreation Center	-	-	-	-	-	-	-	-	103,575	103,575
Budgetary Cost	158,699	16,915	9,839	41,910	71,935	-	-	140,599	103,575	402,872
Funding Source										
Local Tax Funding	1,110	50	-	5,050	-	-	-	5,100	-	6,210
Fund Balance	1,860	-	-	-	-	-	-	-	-	1,860
General Obligation Bonds	72,865	-	-	21,860	71,935	-	-	93,795	103,575	270,235
Lease Revenue Financing	-	9,577	5,780	15,000	-	-	-	30,357	-	30,357
Proffers (Cash)	77,864	7,288	4,059	-	-	-	-	11,347	-	89,210
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
Total Funding Source	158,699	16,915	9,839	41,910	71,935	-	-	140,599	103,575	402,872



Ashburn Recreation and Community Center

Project Description – C02142

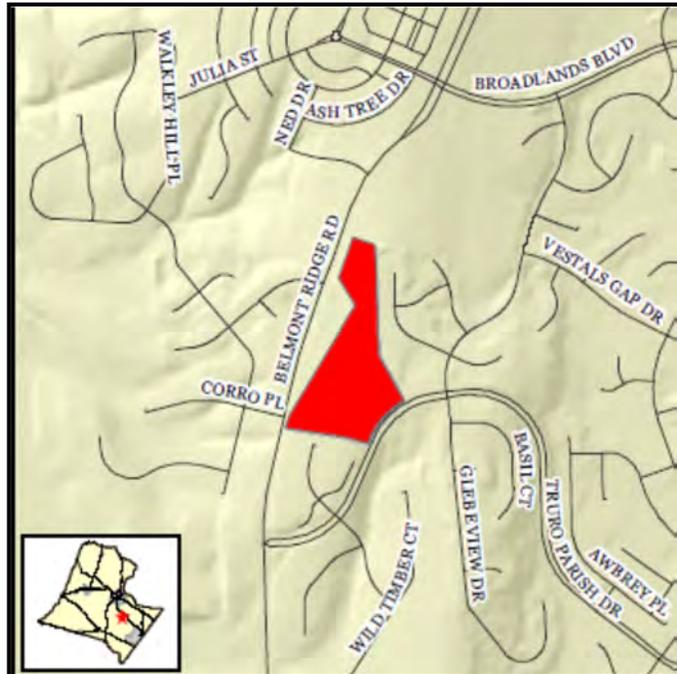
This project provides funding to develop a recreation center on an approximately 18-acre proffered site off of Belmont Ridge Road in the Ashburn Planning Subarea.

The facility combines recreation and community center program space in an approximately 100,000-square-foot facility to include meeting rooms, classrooms, administrative office space, a gymnasium, a kitchen, a fitness center, multi-purpose rooms, and a running track. The facility would also include an aquatics center with a 50-meter sized pool, leisure pool, pool seating areas, 2 wet classrooms, and associated locker rooms.

The FY 2019 Adopted CIP includes \$15,000,000 in FY 2021 for additional site development costs.

Election District

Broad Run



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	9,680	-	-	-	-	-	-	-	-	9,680
Construction	61,250	-	-	15,000	-	-	-	15,000	-	76,250
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	70,930	-	-	15,000	-	-	-	15,000	-	85,930
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	44,270	-	-	-	-	-	-	-	-	44,270
Lease Revenue Financing	-	-	-	15,000	-	-	-	15,000	-	15,000
Proffers (Cash)	26,660	-	-	-	-	-	-	-	-	26,660
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	70,930	-	-	15,000	-	-	-	15,000	-	85,930
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
FTE	-	-	-	2.50	74.17	-	76.67			
Personnel	-	-	-	93	4,285	4,414	8,792			
O&M	-	-	-	-	1,872	1,891	3,762			
Debt Service	-	-	-	-	1,250	2,629	3,879			
Total Impact	-	-	-	93	7,407	8,933	16,433			



Ashburn Senior Center

Project Description – C02105

This project provides funding to construct a 16,000-square-foot Senior Center on a five-acre proffered site in the Ashburn Planning Subarea. The site was dedicated to the County by the developer of the Regency at Ashburn (ZMAP-2005-0023).

The Senior Center would provide administrative and program space for staff, older adults age 55 and above and volunteers at the Center, as well as a small gymnasium, large multi-purpose room with an adjoining commercial kitchen, exercise/fitness room, classrooms, a game room, computer lab, arts and craft room, restrooms and storage areas.

The additional funding in FY 2019 is needed for additional site costs associated with this proffered site.

This program is planned to be funded with cash proffers.

Election District

Broad Run



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	1,100	-	-	-	-	-	-	-	-	1,100
Construction	6,475	1,200	-	-	-	-	-	1,200	-	7,675
Furniture, Fixtures & Equip	710	-	-	-	-	-	-	-	-	710
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	8,285	1,200	-	-	-	-	-	1,200	-	9,485
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	8,285	1,200	-	-	-	-	-	1,200	-	9,485
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	8,285	1,200	-	-	-	-	-	1,200	-	9,485

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	1.00	18.33	-	-	-	19.33
Personnel	-	80	739	761	784	807	3,170
O&M	-	-	263	265	268	271	1,066
Total Impact	-	80	1,001	1,026	1,052	1,078	7,549



Philip A. Bolen Memorial Park

Phase II

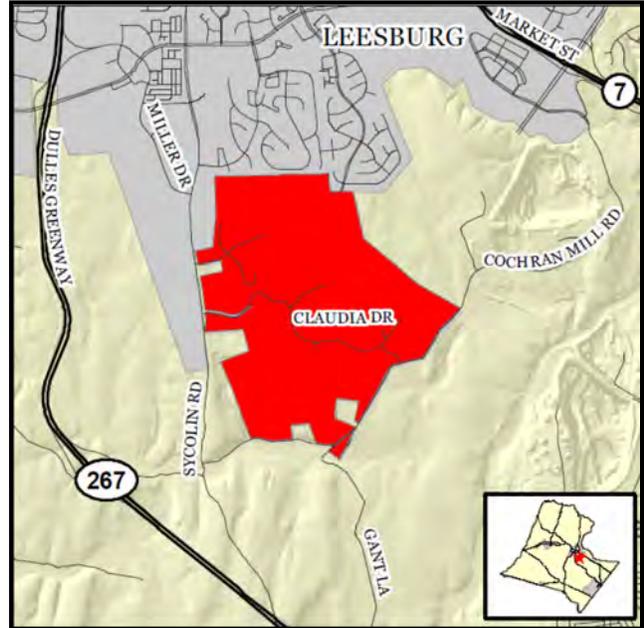
Project Description – C02152

This project provides for funding to construct four permanent, restroom and concessionaire facilities. Bolen Park was originally developed using E-LOO restroom facilities, which are designed to be composting toilets, due to the lack of public water and sewer connections in the vicinity of the Park. Given the large volume of athletic use and tournaments held at the Park, the E-Loos have been on pump and haul, requiring permanent restroom and concession facilities. The Town of Leesburg developed a pump station in the vicinity of the Park that allows the Park to have access to public water and sewer.

Authorization to sell additional general obligation bonds will be scheduled for placement on the November 2019 referendum.

Election District

Catoctin



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	500	-	-	480	-	-	-	480	-	980
Construction	-	-	-	5,935	-	-	-	5,935	-	5,935
Furniture, Fixtures & Equip	-	-	-	310	-	-	-	310	-	310
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	500	-	-	6,725	-	-	-	6,725	-	7,225
Local Tax Funding	500	-	-	550	-	-	-	550	-	1,050
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	6,175	-	-	-	6,175	-	6,175
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	500	-	-	6,725	-	-	-	6,725	-	7,225

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
O&M	-	-	-	-	-	59	59
Debt Service	-	-	-	302	505	594	1,401
Total Impact	-	-	-	302	505	653	1,460



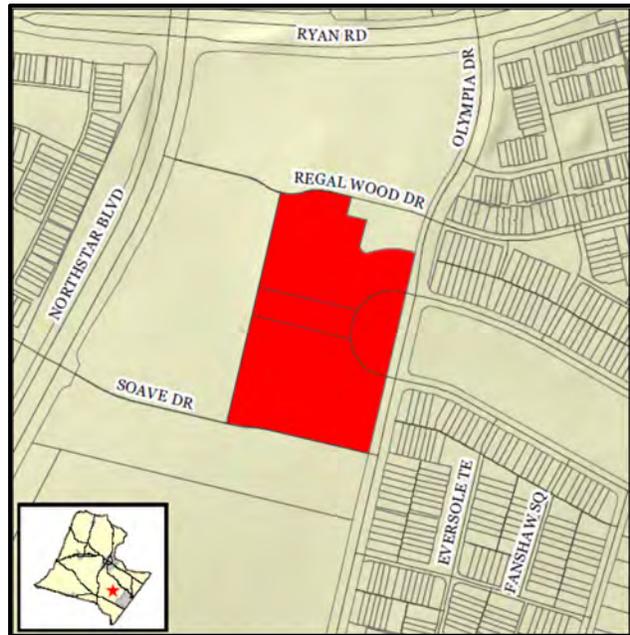
Brambleton Library

Project Description

This project provides for a one-time development fee payment from the County to the developer of Brambleton for the design, construction and furnishing of a 40,000-square-foot public library in office condominium space in the Brambleton community.

The Board of Supervisors approved an agreement to accelerate the development of the library. The developer of Brambleton, in consultation with the County, will design, construct and furnish the library, with an estimated opening date October 2018. The County will provide Brambleton with an annual lease payment in FY 2019 and the County will make a final development fee payment to have the library conveyed to the County in FY 2020.

The Brambleton Library will have dedicated areas for adults, children and teens, with ample reading, research, and studying space. Meeting rooms, group study rooms, and conference rooms are essential to connecting the library and the community. In these spaces, community groups will meet, and the library will hold educational programs for children, teens, and adults. Public access computers and other technologies that enhance lifelong learning and community building are also an important component of the library, including a dedicated "maker space" that includes innovative technology and programs to foster creativity and inventiveness for residents of all ages.



Election District

Blue Ridge

	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Capital (\$ in 1000s)										
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	680	9,839	-	-	-	-	10,519	-	10,519
Total Cost	-	680	9,839	-	-	-	-	10,519	-	10,519
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	5,780	-	-	-	-	5,780	-	5,780
Proffers (Cash)	-	680	4,059	-	-	-	-	4,739	-	4,739
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	680	9,839	-	-	-	-	10,519	-	10,519

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Personnel	2,392	2,464	2,538	2,614	2,692	2,773	15,473
O&M	819	827	836	844	853	861	5,040
Debt Service	-	145	572	557	543	528	2,345
Total Impact	3,211	3,436	3,945	4,015	4,088	4,162	22,858



Fields Farm Park

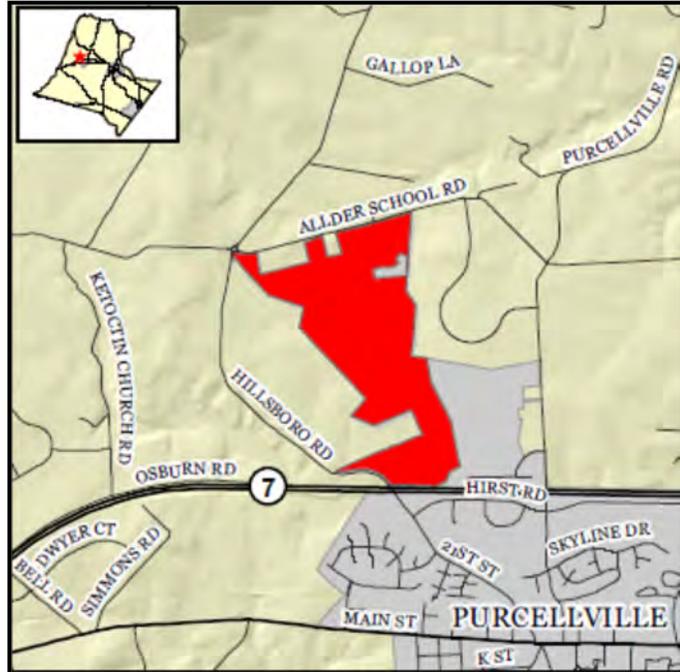
Project Description – C00098

This project provides funding to develop a park facility within a County-owned tract of land, known as Fields Farm, in the Route 7 West Planning Subarea. The Park is located on the southernmost portion of the parcel along Route 7 and Hillsboro Road (Route 690).

The Park will include up to ten athletic fields – four diamond fields and six rectangular fields. Supporting amenities will include athletic field lighting, fencing, public utilities, parking, access from a public road, landscaping, public restrooms, concessions, groundwater wells, irrigation, staff offices, meeting rooms, storage, scorekeeper and umpire areas, a maintenance facility, picnic pavilions, and bleachers.

The FY 2008 Budget included \$300,000 to light two softball fields on the southern portion of the property. The Board of Supervisors appropriated \$1.56 million in FY 2013 to develop a lighted football field on Park property. These funds will be used by the Loudoun County Public Schools to develop a new practice field adjacent to Woodgrove High School due to two of the high school's athletic fields being absorbed into the footprint of the Park.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2019 referendum.



Election District

Blue Ridge

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	1,860	-	-	3,350	-	-	-	3,350	-	5,210
Construction	-	-	-	-	23,100	-	-	23,100	-	23,100
Furniture, Fixtures & Equip	-	-	-	-	2,735	-	-	2,735	-	2,735
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	1,860	-	-	3,350	25,835	-	-	29,185	-	31,045
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	1,860	-	-	-	-	-	-	-	-	1,860
General Obligation Bonds	-	-	-	3,350	25,835	-	-	29,185	-	29,185
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	1,860	-	-	3,350	25,835	-	-	29,185	-	31,045
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	179	475	654		
Total Impact		-	-	-	-	179	475	654		



Franklin Park to Purcellville Trail

Project Description – C02036

This project provides funding for construction and easement acquisition to complete the sidewalks and trails needed to connect Franklin Park to the Town of Purcellville. Funding was provided in FY 2015 for design of the trail.

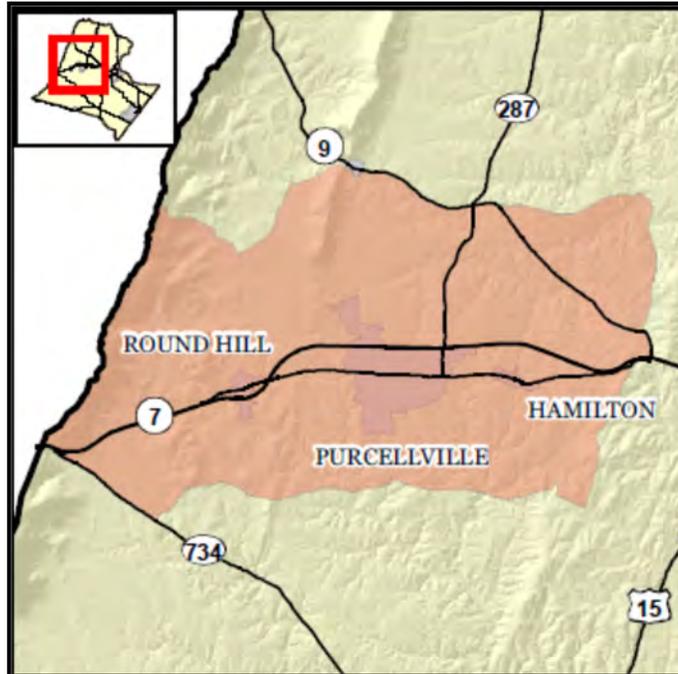
This project is part of a larger Purcellville to Round Hill Trail project. The larger project involves the design and construction of sidewalks and mixed use asphalt trails to provide pedestrian and bicycle connectivity between the Town of Round Hill, Franklin Park, and the Town of Purcellville.

The other portion of the larger project constructs a trail from the intersection of Main and West Loudoun Streets in Round Hill to Franklin Park using Virginia Department of Transportation (VDOT) Transportation Enhancement grant funds (TEA-21), now known as MAP-21. This funding is tracked as a separate project in the Previously Authorized Projects section of the CIP.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2020 referendum.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	1,250	-	-	1,250	-	1,250
Professional Services	520	-	-	-	-	-	-	-	-	520
Construction	-	-	-	-	3,750	-	-	3,750	-	3,750
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	520	-	-	-	5,000	-	-	5,000	-	5,520
Local Tax Funding	520	-	-	-	-	-	-	-	-	520
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	5,000	-	-	5,000	-	5,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	520	-	-	-	5,000	-	-	5,000	-	5,520
Operating Impact (\$ in 1000s)										
		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	128	497	624		
Total Impact		-	-	-	-	128	497	624		



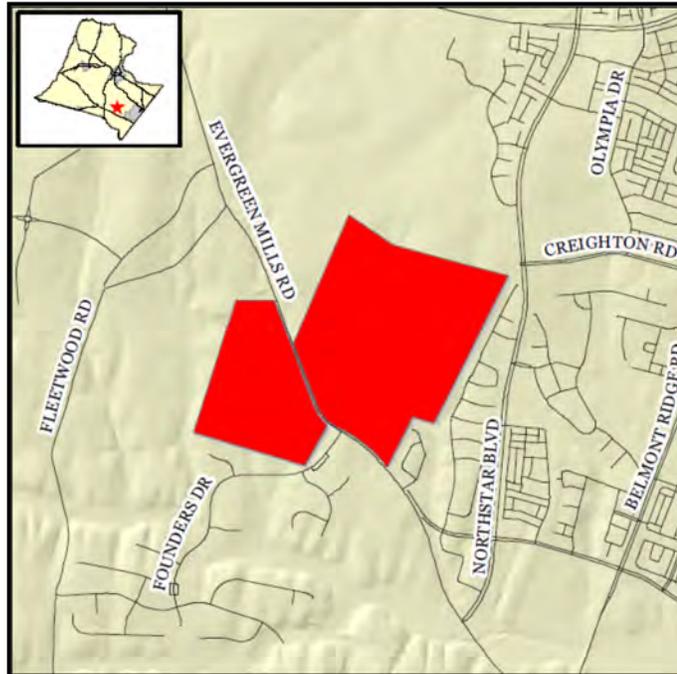
Hal and Berni Hanson Regional Park

Project Description – C00089

This project funds the development of the Hal and Berni Hanson Regional Park located on Evergreen Mills Road. In addition to the renovation of the Hanson House, funding includes the construction of active and passive recreational amenities, including up to 17 athletic fields, recreational trails, park offices, a nature center, activity lodge, picnic pavilions, maintenance shops, splash park, skate park, playgrounds, restroom concession facilities, parking and associated infrastructure.

The Loudoun County Board of Supervisors approved the acquisition of the 257-acre parcel from the Hanson Family Partnership for a Regional Park in fall 2008. The acquisition was the culmination of negotiations with the Hanson family, Dominion Power and the National Park Service as a part of a United States Department of Interior program. The federal program permitted the County to sell a 5.03-acre park parcel to Dominion Power in exchange for a new park parcel of greater or equal value. The County used the funds from this sale of land to purchase the Hanson Family parcel.

The funding in FY 2019 is needed for additional site costs associated with this proffered site.



Election District

Blue Ridge

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	5,000	-	-	-	-	-	-	-	-	5,000
Professional Services	3,940	-	-	-	-	-	-	-	-	3,940
Construction	64,425	14,800	-	-	-	-	-	14,800	-	79,225
Furniture, Fixtures & Equip	3,000	-	-	-	-	-	-	-	-	3,000
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	76,365	14,800	-	-	-	-	-	14,800	-	91,165
Local Tax Funding	90	-	-	-	-	-	-	-	-	90
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	28,595	-	-	-	-	-	-	-	-	28,595
Lease Revenue Financing	-	9,577	-	-	-	-	-	9,577	-	9,577
Proffers (Cash)	42,680	5,223	-	-	-	-	-	5,223	-	47,903
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	76,365	14,800	-	-	-	-	-	14,800	-	91,165

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	2.00	16.09	-	-	18.09
Personnel	-	-	83	1,044	1,157	1,273	3,556
O&M	-	-	-	1,129	1,140	1,152	3,421
Debt Service	-	-	-	562	1,987	4,143	6,692
Total Impact	-	-	83	2,735	4,284	6,567	13,669



Town of Hamilton

Hamilton Community Park

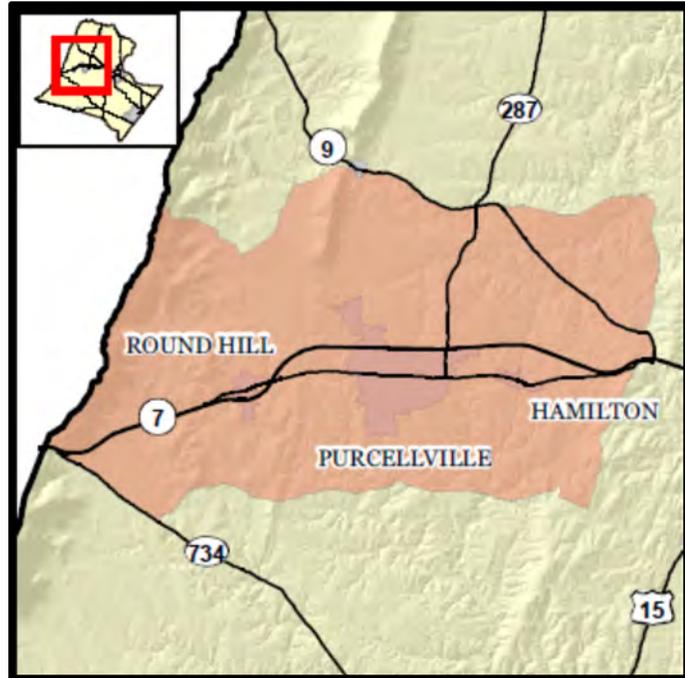
Project Description

Each year the County solicits capital project funding requests from towns within the County for facilities owned by, or located within, the town but operated by the County; or for local pedestrian/transportation related improvements that benefit the County. As a capital expense, the funding for the projects is shown in the County's CIP.

The funding in FY 2019 will assist in the purchase and installation of a new playground structure at the Hamilton Community Park.

Election District

Catoctin



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	50	-	-	-	-	-	50	-	50
Total Cost	-	50	-	-	-	-	-	50	-	50
Local Tax Funding	-	50	-	-	-	-	-	50	-	50
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	50	-	-	-	-	-	50	-	50



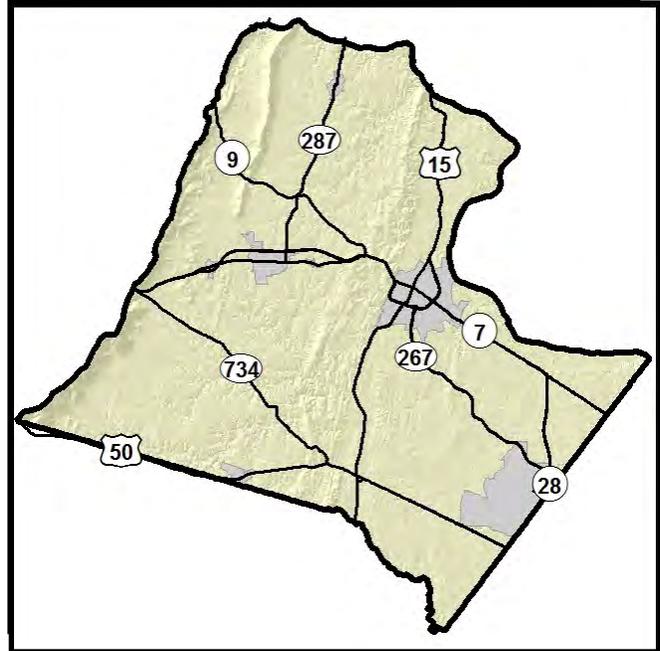
Loudoun State Park

Project Description

This project provides a placeholder for future funding for a State Park in Loudoun County.

Election District

Catoctin



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-									
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-									



Lovettsville District Park Phase II

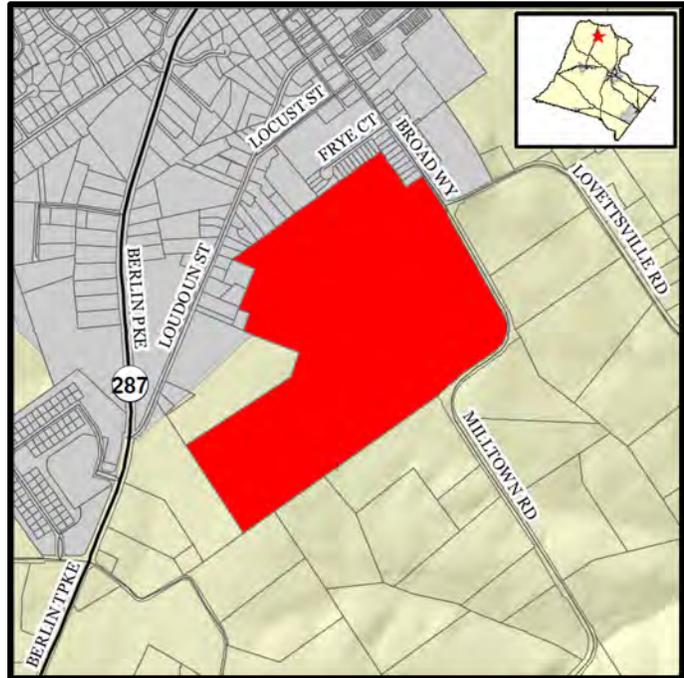
Project Description

This project provides funding to complete the Lovettsville District Park project. The park is located on a 91-acre property owned by the County but partially located within the Town of Lovettsville.

The Park will include up to seven athletic fields – four diamond fields and three rectangular fields. Supporting amenities will include athletic field lighting, fencing, public utilities, parking, access from a public road, landscaping, public restrooms, concessions, an equestrian area, irrigation system, storage, maintenance facility, picnic pavilions, and bleachers.

In FY 2021, funding is proposed to complete the remaining three to four athletic fields, athletic field lighting, parking, equestrian area, maintenance facility and remaining FFE costs for the project.

Prior year appropriations of general obligation bond financing were approved on the November 2004 and 2013 referendums. Authorization to sell general obligation bonds will be scheduled for placement on the November 2019 referendum.



Election District

Catoctin

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	4,180	-	-	-	4,180	-	4,180
Furniture, Fixtures & Equip	-	-	-	500	-	-	-	500	-	500
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	4,680	-	-	-	4,680	-	4,680
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	4,680	-	-	-	4,680	-	4,680
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	4,680	-	-	-	4,680	-	4,680

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	9.84	-	-	9.84
Personnel	-	-	-	587	605	623	1,815
O&M	-	-	-	108	109	111	328
Debt Service	-	-	-	250	508	494	1,252
Total Impact	-	-	-	946	1,222	1,227	3,395



Scott Jenkins Memorial Park Phase III

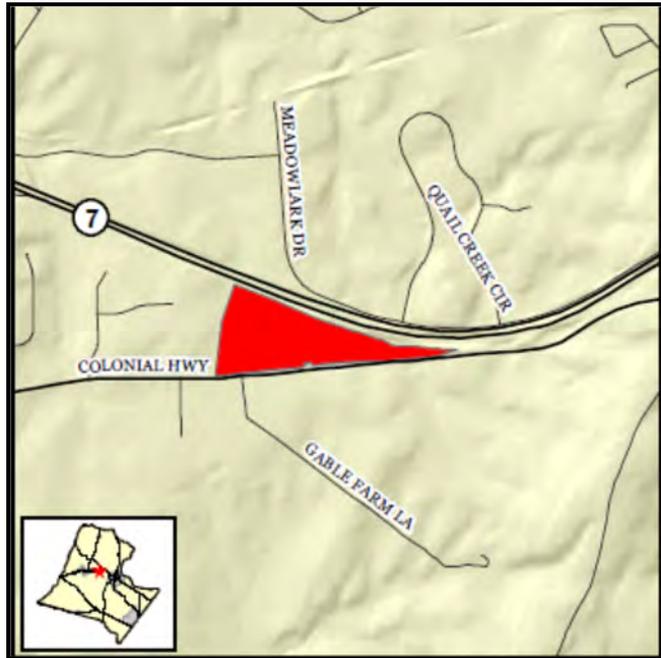
Project Description

This project provides funding to complete the Scott Jenkins Memorial Park project. The Park is located off of Old Colonial Highway near the Town of Hamilton, and is co-located with the Harmony Park and Ride Lot.

The Park will include up to five athletic fields – four diamond fields and one rectangular field. Supporting amenities will include athletic field lighting, fencing, public utilities, parking, access from a public road, landscaping, public restrooms, concessions, groundwater wells, irrigation, pavilions, and bleachers.

Phase I of the project graded the entire site, constructed the 250-space Harmony Park and Ride Lot, public restrooms and one large baseball field with associated parking. Current project appropriations for Phase II of the project are sufficient to construct a rectangular athletic field, three diamond fields, concessions, and associated parking. Phase III proposes to provide funding in FY 2021 to light all five athletic fields.

Authorization to sell general obligation bond financing for Phase III will be placed on the November 2019 referendum for voter approval.



Election District

Catoctin

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	1,755	-	-	-	1,755	-	1,755
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	500	-	-	-	500	-	500
Total Cost	-	-	-	2,255	-	-	-	2,255	-	2,255
Local Tax Funding	-	-	-	500	-	-	-	500	-	500
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	1,755	-	-	-	1,755	-	1,755
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	2,255	-	-	-	2,255	-	2,255

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	0.50	0.84	-	-	-	1.34
Personnel	-	15	38	40	41	42	176
O&M	-	25	29	30	30	30	144
Debt Service	-	-	-	178	173	169	520
Total Impact	-	41	68	247	244	241	840



STEM Library

Project Description

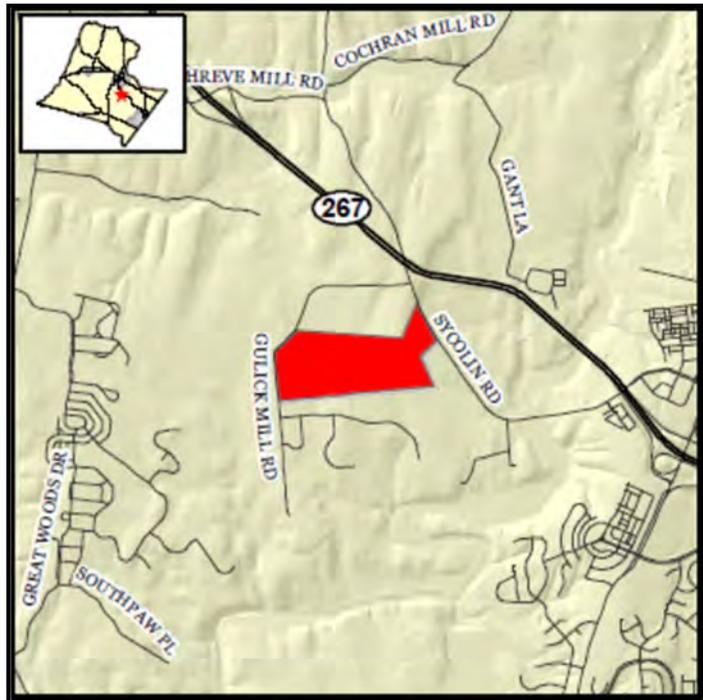
This project provides funding to design and construct a 52,000-square-foot public STEM (Science, Technology, Engineering and Mathematics) library in the Leesburg Planning Subarea. This public library will be co-located with the Academies of Loudoun, providing a STEM-focused library that provides broad access to STEM resources and supports and complements the Academies' curriculum. This co-location will enable synergy among Loudoun County Public Schools and Loudoun County Public Library programs and creates a STEM-focused "campus" in close proximity to the rapidly growing tech industries of Loudoun County.

In addition to a STEM-focused collection for all ages in all formats, this library will have ample seating and study space, numerous meeting rooms of varying sizes for library programs and community groups, and a 500-seat auditorium for high-profile author events, performances, and other educational programs. This library will offer state-of-the-art technology and equipment, allowing patrons of all ages to participate in hands-on STEM learning and form learning communities through activities and resources provided in and by the library. The STEM Library will have several multipurpose rooms where students and other library users can work interactively and collaboratively, using tools, technology, and materials to pursue lifelong learning.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2019 referendum.

Election District

Catoctin



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	5,900	-	-	-	5,900	-	5,900
Construction	-	-	-	-	34,600	-	-	34,600	-	34,600
Furniture, Fixtures & Equip	-	-	-	-	6,500	-	-	6,500	-	6,500
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	5,900	41,100	-	-	47,000	-	47,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	5,900	41,100	-	-	47,000	-	47,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	5,900	41,100	-	-	47,000	-	47,000
Operating Impact (\$ in 1000s)										
Debt Service		-	-	-	150	786	1,607	2,544		
Total Impact		-	-	-	150	786	1,607	2,544		



Town of Leesburg Veteran's Park

Project Description

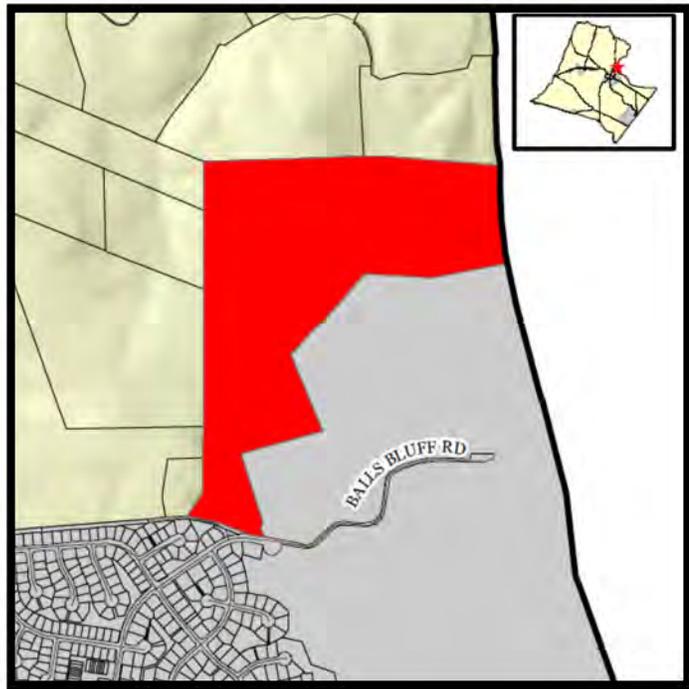
Each year, the County solicits capital project funding requests from towns within the County for facilities owned by, or located within, the town but operated by the County; or for local pedestrian/transportation related improvements that benefit the County. As a capital expense, the funding for the projects is shown in the County's CIP.

This project proposes funding for the design and construction of improvements to Veteran's Park in the Town of Leesburg. The Town acquired the 86-acre park along the Potomac River in March of 2000. The Park is directly adjacent to Balls Bluff Regional Park. The Town requested that the County provide funding for the development of the Park since County residents will share in the use and benefit of the Park.

Ongoing operations and maintenance expenses are the responsibility of the Town of Leesburg.

Election District

Leesburg



Capital (\$ in 1000s)	Prior Alloc.	FY 2019 - FY 2024						6 Year	Future	Project
		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	4,000	-	-	-	4,000	-	4,000
Total Cost	-	-	-	4,000	-	-	-	4,000	-	4,000
Local Tax Funding	-	-	-	4,000	-	-	-	4,000	-	4,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	4,000	-	-	-	4,000	-	4,000



Town of Round Hill

Sleeter Lake Park

Project Description – C02123

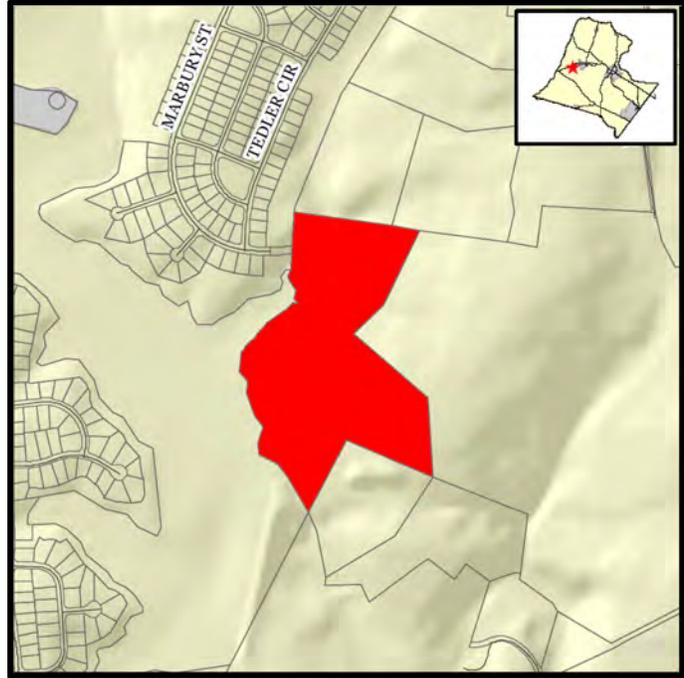
Each year the County solicits capital project funding requests from towns within the County for facilities owned by, or located within, the town but operated by the County; or for local pedestrian/transportation related improvements that benefit the County. As a capital expense, the funding for the projects is shown in the County's CIP.

This project received funding in FY 2017 for the development of Sleeter Lake Park in the Town of Round Hill. The funding will provide for the construction of improvements to the existing road network and development of a new system of trails to facilitate the opening of Sleeter Lake Park.

Funding in FY 2019 is included to help install permanent restrooms public restrooms, water fountains, and maintenance storage for the Park.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior								6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024				
Land	-	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-	-
Other	238	185	-	-	-	-	-	-	185	-	423
Total Cost	238	185	-	-	-	-	-	-	185	-	423
Local Tax Funding	-	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	238	185	-	-	-	-	-	-	185	-	423
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Total Financing	238	185	-	-	-	-	-	-	185	-	423

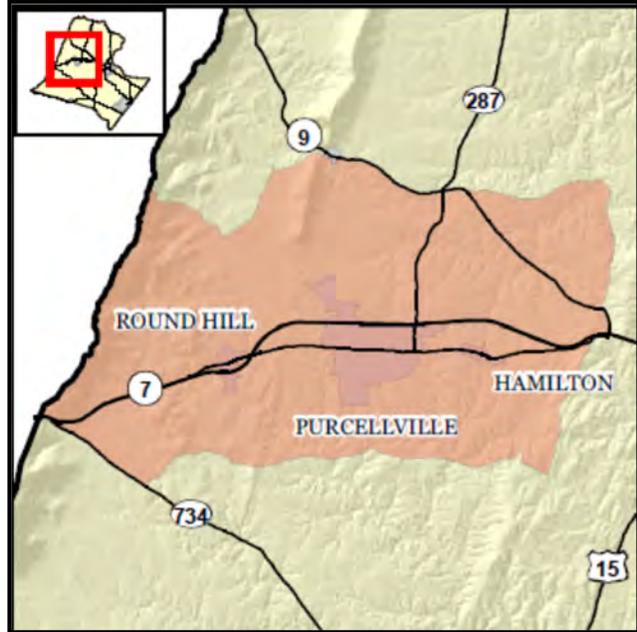


Western Loudoun Recreation Center

Project Description

This project provides funding to develop a new Recreation Center in the Route 7 West planning subarea.

The Recreation Center will be an approximately 83,000-square-foot facility to include meeting rooms, classrooms, administrative office space, a gymnasium, a kitchen, a fitness center, multi-purpose rooms, and a running track. The facility would also include an aquatics center with a 50-meter pool, leisure pool, pool seating areas, two wet classrooms, and associated locker rooms.



Election District

Blue Ridge

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	10,770	10,770
Professional Services	-	-	-	-	-	-	-	-	9,255	9,255
Construction	-	-	-	-	-	-	-	-	83,550	83,550
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	103,575	103,575							
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	103,575	103,575
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	103,575	103,575							





Capital Improvement Program

FY 2019 Adopted Budget

Public Safety



Capital Improvement Program by Functional Area										
Schedule of Appropriations										
Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Public Safety										
Projects										
Animal Services Facility	15,495	2,400	-	-	-	-	-	2,400	-	17,895
Courts Complex Phase III	79,410	10,000	-	17,600	-	-	-	27,600	-	107,010
Fire and Rescue Capital Apparatus	36,073	3,000	3,090	3,183	3,278	3,377	3,478	19,406	14,987	70,466
Fire and Rescue Training Academy Expansion	-	750	-	6,500	-	-	-	7,250	-	7,250
Fire and Rescue Training Tower	-	-	500	-	-	-	-	500	-	500
Fire and Rescue Vehicle Annex	-	-	-	-	640	5,700	-	6,340	-	6,340
Juvenile Detention Center Phase II	-	-	-	-	-	5,195	-	5,195	-	5,195
Public Safety - E-911 Phone Switch Replacement	-	-	-	-	2,300	-	-	2,300	-	2,300
Public Safety - Handheld Radio Replacements	-	-	-	-	9,500	-	-	9,500	-	9,500
Public Safety - Radio Tower Coverage Sites	-	1,400	-	-	-	-	-	1,400	-	1,400
Public Safety - School Emergency Radio Coverage	-	500	-	-	-	-	-	500	-	500
Station #04 - Round Hill Station Replacement	-	1,900	13,760	-	-	-	-	15,660	-	15,660
Station #07 - Aldie Station Replacement	14,860	4,000	-	-	-	-	-	4,000	-	18,860
Station #08 - Philomont Station Replacement	-	-	-	-	2,200	13,725	-	15,925	-	15,925
Station #28 - Leesburg South Station	-	-	-	2,200	15,400	-	-	17,600	-	17,600
Station #29 - Old Ox Road (Route 606) Station	-	-	-	-	-	2,400	16,610	19,010	-	19,010
Budgetary Cost	145,838	23,950	17,350	29,483	33,318	30,397	20,088	154,586	14,987	315,411
Funding Source										
Local Tax Funding	13,490	4,250	3,590	3,183	6,118	3,377	3,478	23,996	14,987	52,473
General Obligation Bonds	42,090	4,300	13,760	8,700	15,400	21,825	16,610	80,595	-	122,685
Lease Revenue Financing	90,258	15,400	-	17,600	11,800	5,195	-	49,995	-	140,253
Total Funding Source	145,838	23,950	17,350	29,483	33,318	30,397	20,088	154,586	14,987	315,411



Animal Services Facility

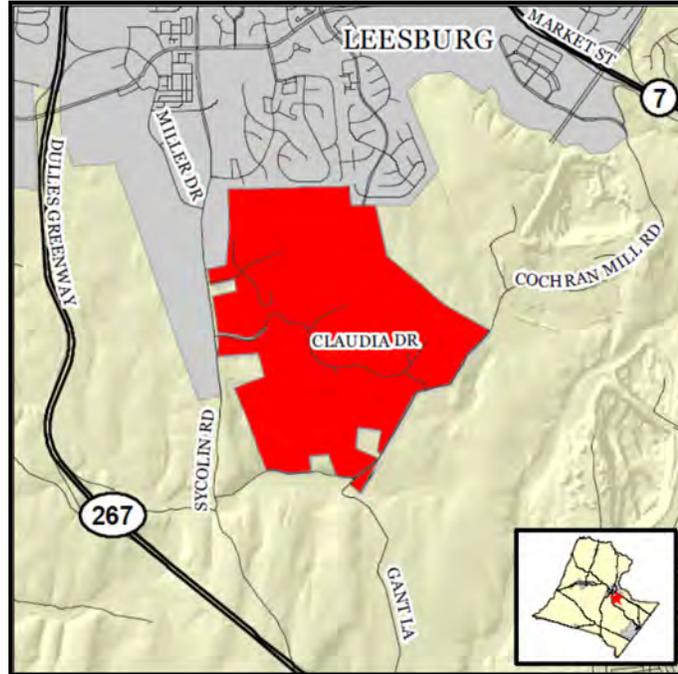
Project Description - C00240

This project provides funding for the design and construction of a 25,000-square-foot animal shelter to replace the existing County Animal Services facility in Waterford. The location of the new Animal Services facility is in the eastern portion of the Leesburg Planning Subarea along Sycolin Road.

The proposed shelter will require a site of approximately five acres to accommodate the building footprint, associated parking, storage areas, outdoor training and exercise areas for animals, required setbacks, buffers, landscaping, and on-site storm water management facilities.

The new shelter will be better able to provide animal services to the densest concentration of human and pet populations in the County, while remaining readily accessible to western Loudoun residents.

The new Animal Services facility will serve as Animal Services' operational headquarters and will provide many of the same services as the current animal shelter to include the following: pet adoptions, housing of stray, abandoned or relinquished companion animals, dog license sales, volunteer opportunities, dispatch services, educational programs, pet retention counseling, and a licensed veterinary clinic and surgical suite.



Election District

Catoctin

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	2,295	-	-	-	-	-	-	-	-	2,295
Construction	11,920	2,400	-	-	-	-	-	2,400	-	14,320
Furniture, Fixtures & Equip	1,280	-	-	-	-	-	-	-	-	1,280
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	15,495	2,400	-	-	-	-	-	2,400	-	17,895
Local Tax Funding	125	-	-	-	-	-	-	-	-	125
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	15,370	2,400	-	-	-	-	-	2,400	-	17,770
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	15,495	2,400	-	-	-	-	-	2,400	-	17,895

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	0.50	7.75	-	-	-	8.25
Personnel	-	72	488	503	518	534	2,116
O&M	-	1	382	386	390	394	1,552
Debt Service	-	508	1,282	1,491	1,444	1,411	6,136
Total Impact	-	581	2,153	2,380	2,352	2,339	9,803



Courts Complex Phase III

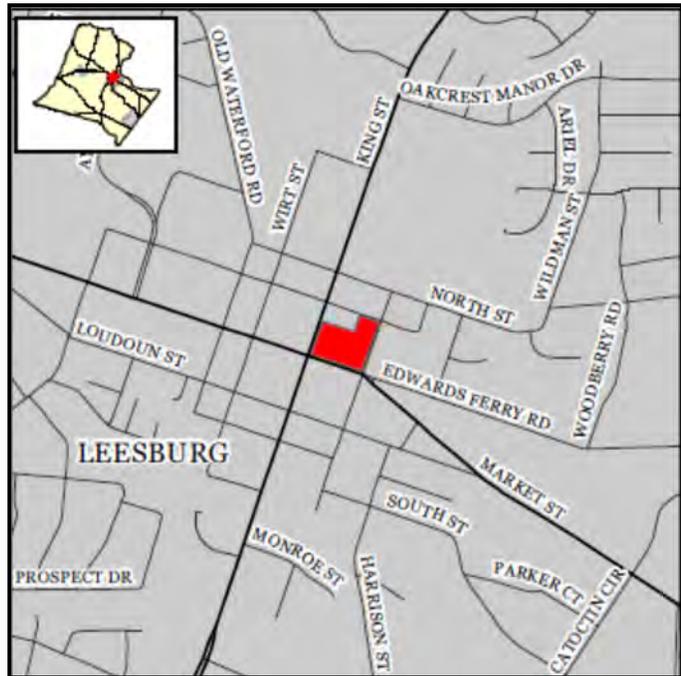
Project Description – C02140

This project provides funding to construct a new 92,000-square-foot facility for the General District Court and court administrative support functions, a 725-space parking garage, and the renovation of approximately 40,000 square feet of the current Courts Complex facility in the Town of Leesburg.

Funding in prior fiscal years provided for the design of all components of the Phase III project, and the construction of a 530-space parking garage on the site of the Pennington Parking Lot adjacent to the Courts Complex. Funding in FY 2017 and FY 2019 was appropriated to construct the 92,000-square-foot Phase III addition to the Court Complex, and provide a 195-space expansion to the structured parking facility at the Pennington Lot. Funding in FY 2021 would renovate approximately 40,000 square feet of the Phase I and II Courts Complex.

The Courts Facility Assessment and Expansion Plan were developed to define the scope of the Phase III Courts Complex expansion.

The FY 2019 – FY 2024 Capital Improvement Plan (CIP) includes new funding of \$18.0 million due to increased construction costs.



Election District

Leesburg

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	9,310	-	-	-	-	-	-	-	-	9,310
Construction	65,100	10,000	-	17,600	-	-	-	27,600	-	92,700
Furniture, Fixtures & Equip	5,000	-	-	-	-	-	-	-	-	5,000
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	79,410	10,000	-	17,600	-	-	-	27,600	-	107,010
Local Tax Funding	2,010	-	-	-	-	-	-	-	-	2,010
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	77,400	10,000	-	17,600	-	-	-	27,600	-	105,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	79,410	10,000	-	17,600	-	-	-	27,600	-	107,010

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	30.00	13.17	1.33	-	44.50
Personnel	-	-	1,314	3,504	3,699	3,810	12,327
O&M	-	-	489	1,271	1,292	1,305	4,356
Debt Service	450	2,228	3,835	5,187	7,268	8,310	27,277
Total Impact	450	2,228	5,638	9,962	12,259	13,425	43,961



Fire and Rescue Capital Apparatus

Project Description

This project provides for the procurement of new ambulances and heavy fire and rescue apparatus for Loudoun County Combined Fire and Rescue System (LC-CFRS), as well as for County contributions toward volunteer fire department purchases. Depending upon the percentage of the contribution will determine whether or not the County or volunteer department will hold the title. Capital vehicle ownership dictates the party responsible for apparatus repair and maintenance, and is determined by LC-CFRS guidelines.

Fire and Rescue Capital Apparatus FY 2019 Procurement:

<u>County System</u>		
Engine	Countywide	\$ 877,000
Rehab. Unit	Countywide	\$ 515,000
Technical Rescue Support	Countywide	\$ 276,000
<u>Volunteer System</u>		
EMS Transport	Arcola (59%)	\$ 182,310
EMS Transport	Sterling (59%)	\$ 182,310
EMS Transport	Sterling (59%)	\$ 182,310
Tractor-drawn Aerial	Leesburg (59%)	\$ 767,000
 FY 2019 Total		 \$ 2,981,930



Election District

Countywide

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	36,073	3,000	3,090	3,183	3,278	3,377	3,478	19,406	14,987	70,466
Total Cost	36,073	3,000	3,090	3,183	3,278	3,377	3,478	19,406	14,987	70,466
Local Tax Funding	6,000	3,000	3,090	3,183	3,278	3,377	3,478	19,406	14,987	40,393
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	17,215	-	-	-	-	-	-	-	-	17,215
Lease Revenue Financing	12,858	-	-	-	-	-	-	-	-	12,858
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	36,073	3,000	3,090	3,183	3,278	3,377	3,478	19,406	14,987	70,466



Fire and Rescue Training Academy Expansion

Project Description

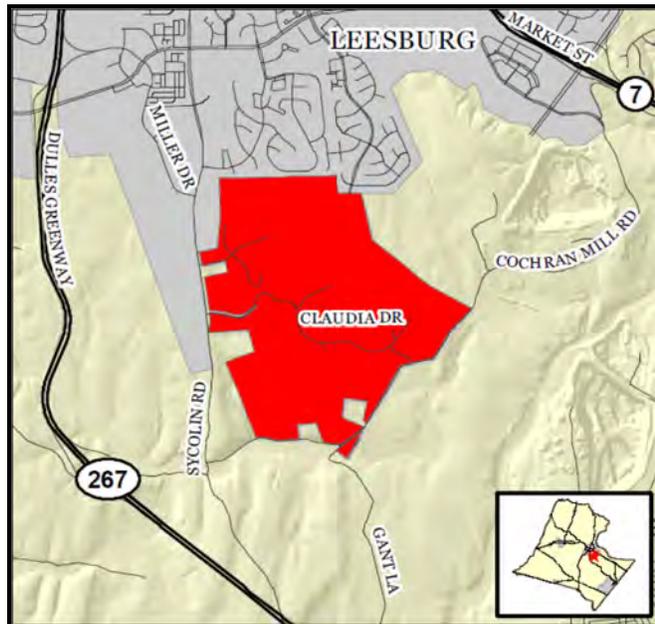
This project provides funding to design and construct an 11,500-square-foot addition to the Fire and Rescue Training Academy, located at the Government Support Center site on Sycolin Road. The facility would be constructed as either an addition to the existing classroom/administration building, or as a new free-standing facility adjacent to the existing Fire and Rescue classroom building.

The adopted 2005 Board of Supervisors' 20 Year Fire and Rescue System Service Plan incorporated a detailed analysis of unmet needs and future forecasts for classroom and administration space at the training campus. The more recently developed Fire and Rescue Training Center Master Plan further details the need for additional classroom space and training props by establishing the location of the buildings and props at the existing training academy campus. The Government Support Center Master Plan Special Exception (SPEX) was approved by the Board of Supervisors on December 2, 2015, and includes the training campus uses.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2019 referendum.

Election District

Catoctin



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	750	-	-	-	-	-	750	-	750
Construction	-	-	-	5,300	-	-	-	5,300	-	5,300
Furniture, Fixtures & Equip	-	-	-	1,200	-	-	-	1,200	-	1,200
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	750	-	6,500	-	-	-	7,250	-	7,250
Local Tax Funding	-	750	-	-	-	-	-	750	-	750
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	6,500	-	-	-	6,500	-	6,500
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	750	-	6,500	-	-	-	7,250	-	7,250

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	-	2.34	-	2.34
Personnel	-	-	-	-	169	174	343
O&M	-	-	-	-	159	119	278
Debt Service	-	-	-	230	524	741	1,495
Total Impact	-	-	-	230	852	1,034	2,116



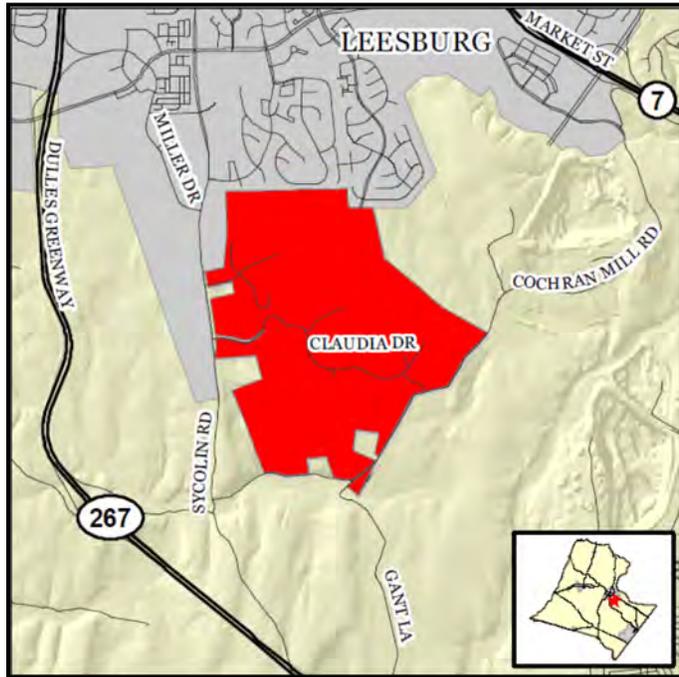
Fire and Rescue Training Tower

Project Description

This project provides for the construction of a training tower to simulate a range of potential threats or emergencies in high-rise or multi-story buildings. The training tower prop will provide a safe, realistic and effective environment for public safety personnel to train in the efficient response to, and mitigation of, difficult and dangerous events.

The training prop will be developed at the County owned Government Support Center site on Sycolin Road based on the adopted 2005 Board of Supervisors' 20-Year Fire and Rescue System Service Plan.

The Department of Fire and Rescue developed a Master Plan for the Training Academy. The Master Plan offers details of the unmet needs and establishes the location of the buildings and props on the existing training academy campus. The Special Exception (SPEX) for the uses proposed on the Master Plan was approved by the Board of Supervisors on December 2, 2015. A site plan amendment, SPAM, would be required to permit location of this facility at the existing fire-rescue parcel within the Government Support Center site.



Election District

Catoctin

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	500	-	-	-	-	500	-	500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	500	-	-	-	-	500	-	500
Local Tax Funding	-	-	500	-	-	-	-	500	-	500
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	500	-	-	-	-	500	-	500



Fire and Rescue Vehicle Annex

Project Description

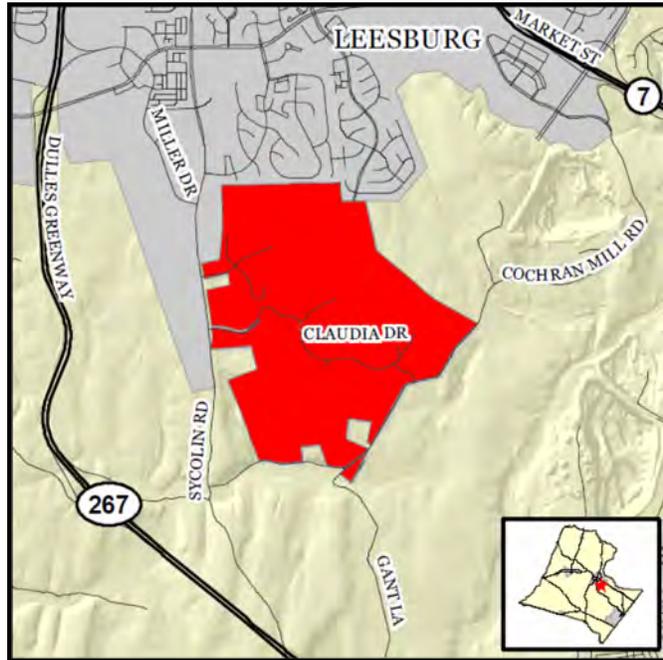
This project provides funding to design and construct a 10,400-square-foot vehicle annex facility at the existing Fire-Rescue Training Center property on Sycolin Road. The facility, to be located in proximity to the current structural burn building, training props, and high bay building, would provide climate-protected garaging for the Training Division, Ready Reserve, and other specialized apparatus, as well as provide support facilities for drill grounds-centric training exercises/programs. The facility would include five vehicle bays, two classrooms, and six skill lab breakout rooms.

The project is envisioned as a pre-engineered steel structure with bay doors servicing double-depth apparatus bays, partitioned walls, and systems to address essential program needs of the designated support spaces. The Master Plan for the Training Center, developed by the Department of Fire and Rescue Services, details unmet needs and establishes the location of the buildings and props at the existing training academy campus. The Special Exception (SPEX) for the uses proposed on the Master Plan was approved by the Board of Supervisors on December 2, 2015. A site plan amendment, SPAM, would be required to permit location of this facility at the existing fire-rescue parcel within the Government Support Center site.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2021 referendum.

Election District

Catoctin



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	640	-	-	640	-	640
Construction	-	-	-	-	-	4,500	-	4,500	-	4,500
Furniture, Fixtures & Equip	-	-	-	-	-	1,200	-	1,200	-	1,200
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	640	5,700	-	6,340	-	6,340
Local Tax Funding	-	-	-	-	640	-	-	640	-	640
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	5,700	-	5,700	-	5,700
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	640	5,700	-	6,340	-	6,340
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	-	288	288		
Total Impact		-	-	-	-	-	288	288		



Juvenile Detention Center Phase II

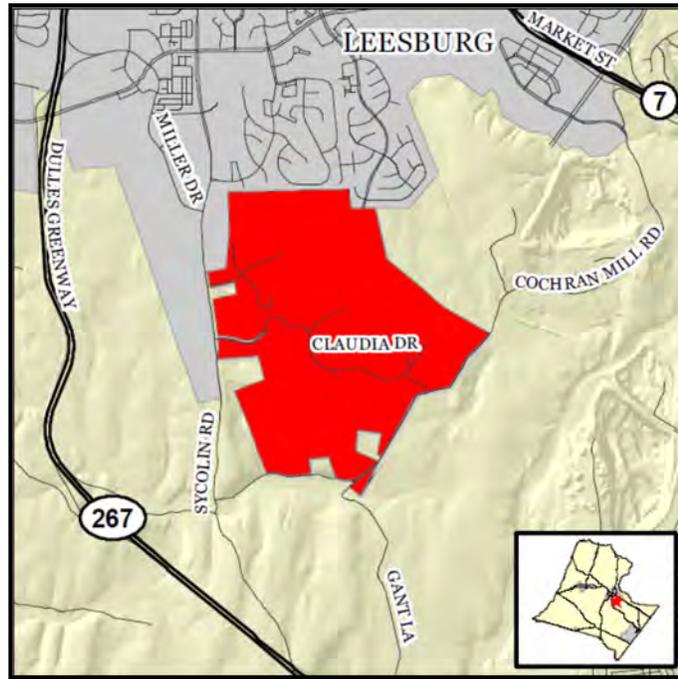
Project Description – C00146

This project provides funding to construct a 5,000-square-foot addition to the new Juvenile Detention Center (JDC) located at the Government Support Center off of Sycolin Road. The addition will include increased bed capacity, program areas, as well as a Juvenile Assessment Center.

The JDC is a secure residential program for court ordered juveniles ages 11 up to 18 awaiting court disposition. The final concept of the JDC, which has been approved by the Virginia Department of Juvenile Justice, meets state requirements for construction of this type of facility. The JDC is managed by the Department of Family Services.

Election District

Catoctin



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	5,195	-	5,195	-	5,195
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	5,195	-	5,195	-	5,195
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	5,195	-	5,195	-	5,195
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	5,195	-	5,195	-	5,195
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	-	260	260		
Total Impact		-	-	-	-	-	260	260		



Public Safety - E-911 Phone Switch Replacement

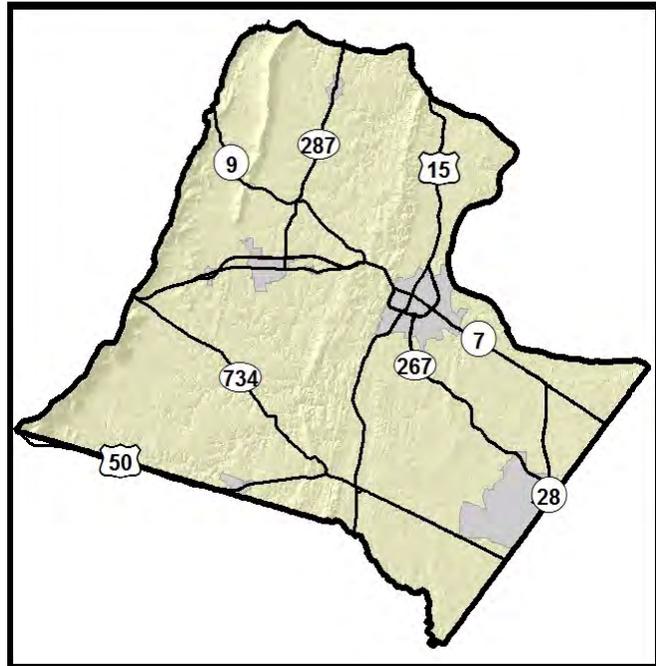
Project Description

This project will replace the County's current E-911 phone switch in FY 2022. All emergency communications in the County occur through this switch and it is vital to the health and safety of Loudoun's citizens.

The current E-911 phone switch was installed in the Emergency Communications Center and became fully operational in July 2015. The existing switch is Next-Gen 911-compatible. The estimated lifespan for this mission-critical system is seven years.

Election District

Countywide



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	2,300	-	-	2,300	-	2,300
Total Cost	-	-	-	-	2,300	-	-	2,300	-	2,300
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	2,300	-	-	2,300	-	2,300
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	2,300	-	-	2,300	-	2,300
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	58	227	221	506		
Total Impact		-	-	-	58	227	221	506		



Public Safety - Handheld Radio Replacements

Project Description

This project will replace approximately 1,600 handheld radios currently in use by Fire and Rescue and the Sheriff's Office. Handheld radios have an estimated lifespan of seven years and will require replacement in FY 2022.

Election District

Countywide



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	9,500	-	-	9,500	-	9,500
Total Cost	-	-	-	-	9,500	-	-	9,500	-	9,500
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	9,500	-	-	9,500	-	9,500
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	9,500	-	-	9,500	-	9,500

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	238	1,796	1,733	3,767
Total Impact	-	-	-	238	1,796	1,733	3,767



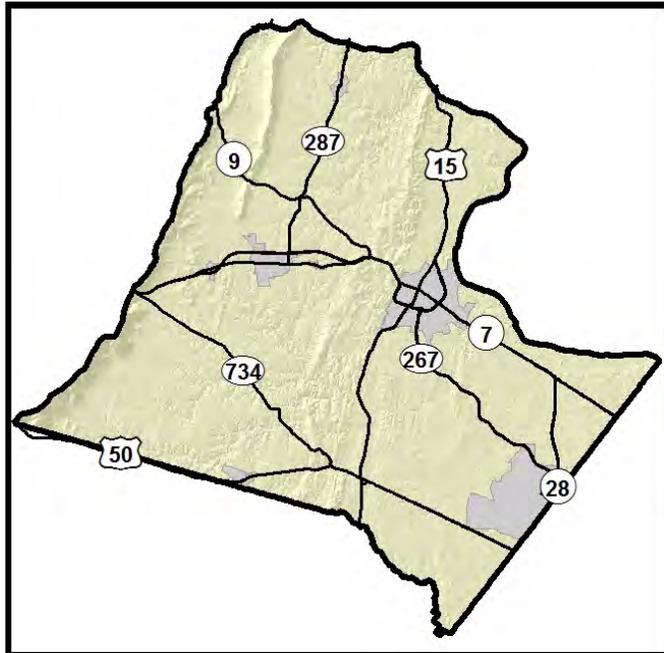
Public Safety - Radio Tower Coverage Sites

Project Description

Due to population growth within the County it is expected that additional public safety radio towers are needed to provide the required radio coverage for first responders. This project will begin with a coverage study which will identify how many and where additional towers may be needed, and if existing tower locations should be relocated for optimal coverage.

Phase I: It is anticipated that at least one new tower will be identified in the coverage study for FY 2019.

Phase II: Installation of new towers and/or relocation of existing towers as identified in the coverage study. Additional funding will be required to initiate Phase II.



Election District

Countywide

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	1,400	-	-	-	-	-	1,400	-	1,400
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	1,400	-	-	-	-	-	1,400	-	1,400
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	1,400	-	-	-	-	-	1,400	-	1,400
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	1,400	-	-	-	-	-	1,400	-	1,400
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		35	138	135	131	128	125	692		
Total Impact		35	138	135	131	128	125	692		



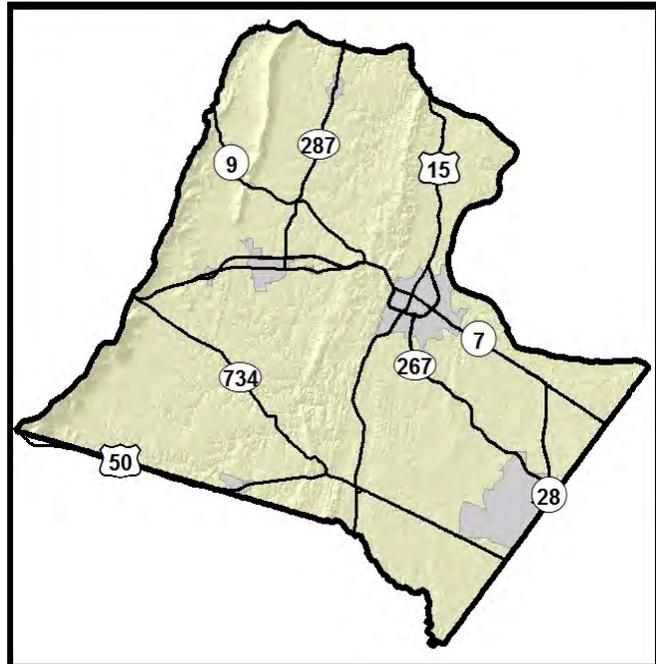
Public Safety - School Emergency Radio Coverage

Project Description

This project will perform a study regarding the replacement and maintenance of the Bi-Directional Amplifiers (BDAs) in public school buildings to provide Public Safety radio coverage for the School Resource Officers. A coverage study in FY 2019 will identify the location of schools where boosters need to be located, as well as the age and condition of existing BDA's to determine the proper replacement schedule.

Phase I: \$500,000 for a coverage study in FY 2019 to determine needs and identify schools that need additional equipment to meet coverage requirements.

Phase II: Installation and replacements of BDAs as identified in the Phase I study. Funding for Phase II will be evaluated in a future CIP.



Election District

Countywide

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	500	-	-	-	-	-	500	-	500
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	500	-	-	-	-	-	500	-	500
Local Tax Funding	-	500	-	-	-	-	-	500	-	500
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	500	-	-	-	-	-	500	-	500



Fire and Rescue – Station 04 Round Hill Station Replacement

Project Description

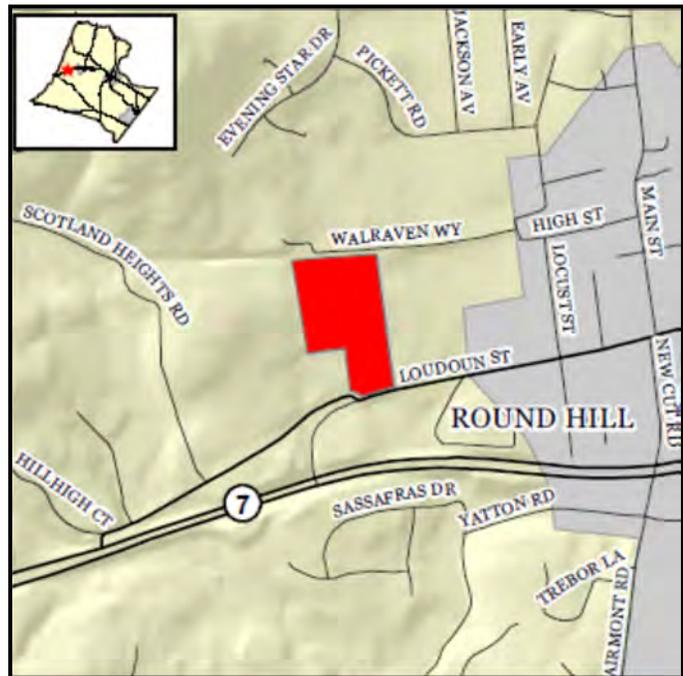
This project provides funding to design and construct a new Round Hill Fire Station on a County-owned site adjacent to the Town of Round Hill, for Round Hill Fire and Rescue Company #4.

The Station would be approximately 18,500-square-foot co-located with the Western Loudoun Sheriff's Station on approximately 14 acres. The facility will include apparatus bays, bunkroom facilities, a training room, break room, restrooms, showers, food preparation and dining areas, laundry and decontamination areas, supply storage, a gear and hose drying area, a breathing apparatus air compressor room, fitness room, offices and a repair shop.

Authorization to sell general obligation bond financing passed referendum in November 2017.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	1,900	-	-	-	-	-	1,900	-	1,900
Construction	-	-	13,760	-	-	-	-	13,760	-	13,760
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	1,900	13,760	-	-	-	-	15,660	-	15,660
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	1,900	13,760	-	-	-	-	15,660	-	15,660
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	1,900	13,760	-	-	-	-	15,660	-	15,660

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	6.17	-	-	6.17
Personnel	-	-	-	554	571	588	1,713
O&M	-	-	-	463	468	473	1,404
Capital Outlay	-	-	-	14	15	15	44
Debt Service	-	190	685	1,168	1,646	1,606	5,295
Total Impact	-	190	685	2,200	2,700	2,681	8,456



Fire and Rescue – Station 07

Aldie Station Replacement

Project Description – C00140

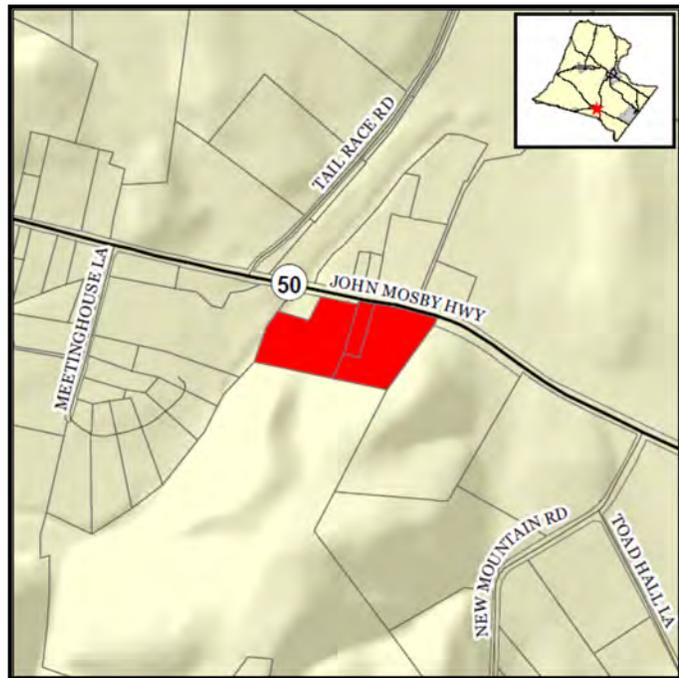
This project provides funding to design and construct a new Aldie Fire Station on a County-owned site to replace the Aldie Fire and Rescue Company #7 Station.

The Station would be approximately 18,000 square feet on 6.5 acres. The facility will include: apparatus bays, bunkroom facilities, a training room, break room, restrooms, showers, food preparation and dining areas, laundry and decontamination areas, supply storage, a gear and hose drying area, a breathing apparatus air compressor room, fitness room, offices, and a repair shop.

Original appropriations for the project were part of the FY 2008 and FY 2009 CIP budgets, with an additional \$3.6 million in fund balance appropriated in the FY 2014 CIP for land acquisition. In fall of 2015 the County acquired three contiguous sites for the replacement station.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	4,590	-	-	-	-	-	-	-	-	4,590
Professional Services	900	-	-	-	-	-	-	-	-	900
Construction	7,870	4,000	-	-	-	-	-	4,000	-	11,870
Furniture, Fixtures & Equip	1,500	-	-	-	-	-	-	-	-	1,500
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	14,860	4,000	-	-	-	-	-	4,000	-	18,860
Local Tax Funding	5,355	-	-	-	-	-	-	-	-	5,355
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	9,505	-	-	-	-	-	-	-	-	9,505
Lease Revenue Financing	-	4,000	-	-	-	-	-	4,000	-	4,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	14,860	4,000	-	-	-	-	-	4,000	-	18,860

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	26.17	-	-	26.17
Personnel	-	-	-	2,428	2,501	2,576	7,506
O&M	-	-	-	781	789	797	2,366
Debt Service	-	-	-	38	148	534	720
Total Impact	-	-	-	3,247	3,438	3,907	10,592



Fire and Rescue – Station 08 Philomont Station Replacement

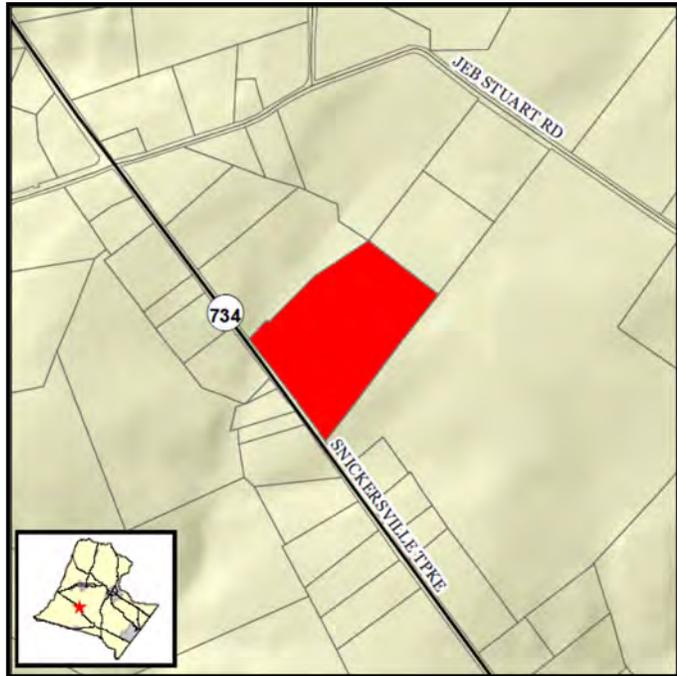
Project Description

This project provides funding to design and construct an approximately 18,500-square-foot station to replace the current Philomont Volunteer Fire and Rescue Company #8 Station.

The Philomont Volunteer Fire Company made an official request to the County for CIP funding to replace their current Station, with funding to begin in FY 2022. The Fire Station is planned to be located on a site of approximately seven acres owned by the Philomont Volunteer Fire Company, and will require a Special Exception. The County is providing design funding in FY 2022 and construction funding in FY 2023 for the project.

The facility would include: apparatus bays, bunkroom facilities, a training/break room, restrooms, showers, food preparation and dining areas, laundry and decontamination areas, supply storage, a gear and hose drying area, a breathing apparatus air compressor room, fitness room, offices, and a repair shop. Staffing at a minimum for the fire and rescue Station will be 24 hours, seven days a week pumper and tanker, with the potential for additional resources as service demand dictates.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2021 referendum.



Election District

Blue Ridge

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	2,200	-	-	2,200	-	2,200
Construction	-	-	-	-	-	12,125	-	12,125	-	12,125
Furniture, Fixtures & Equip	-	-	-	-	-	1,600	-	1,600	-	1,600
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	2,200	13,725	-	15,925	-	15,925
Local Tax Funding	-	-	-	-	2,200	-	-	2,200	-	2,200
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	13,725	-	13,725	-	13,725
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	2,200	13,725	-	15,925	-	15,925



Fire and Rescue – Station 28 Leesburg South Station

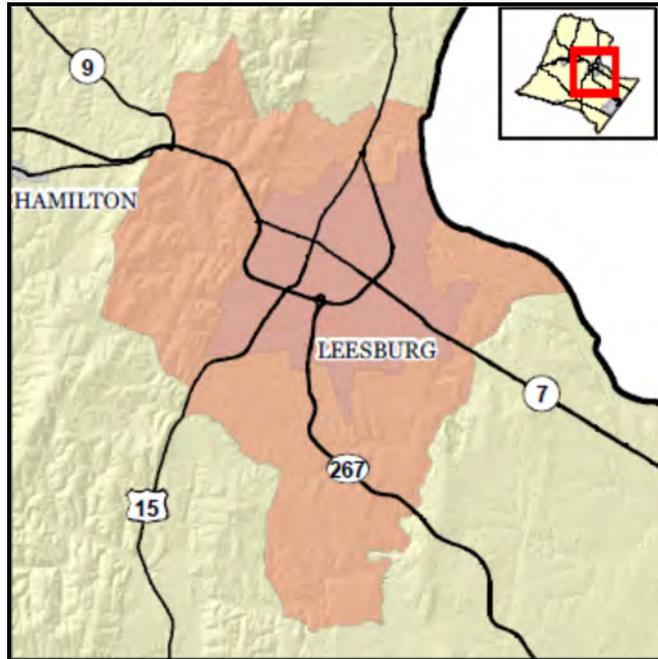
Project Description

This project provides funding to construct an approximately 18,500-square-foot fire and rescue station at an appropriately zoned, five-acre site in the Leesburg Planning Subarea.

The Fire Station was originally planned to be co-located with the Public Safety Firing Range on a 19-acre site proffered to the County as part of the Leesburg West rezoning application, ZMAP-2008-0009. Significant identified deficiencies of Shreve Mill Road prompted the search for alternative site locations in the Evergreen Mills corridor for the Station location that avoid the identified roadway restrictions on Shreve Mill Road for large vehicles, and extend the County's improved ISO rating to more communities.

The facility would include: apparatus bays, bunkroom facilities, a training room, break room, restrooms, showers, food preparation and dining areas, laundry and decontamination areas, supply storage, a gear and hose drying area, a breathing apparatus air compressor room, fitness room, offices, and a repair shop. Staffing for the Fire and Rescue Station will be 24 hours, seven days a week pumper, ambulance, and tanker, with the potential for a special service (aerial truck or heavy rescue squad) as service demands require.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2019 referendum.



Project Description

Catocin

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	2,200	-	-	-	2,200	-	2,200
Construction	-	-	-	-	11,400	-	-	11,400	-	11,400
Furniture, Fixtures & Equip	-	-	-	-	2,000	-	-	2,000	-	2,000
Other	-	-	-	-	2,000	-	-	2,000	-	2,000
Total Cost	-	-	-	2,200	15,400	-	-	17,600	-	17,600
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	2,200	15,400	-	-	17,600	-	17,600
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	2,200	15,400	-	-	17,600	-	17,600
Operating Impact (\$ in 1000s)										
		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	100	218	482	800		
	Total Impact	-	-	-	100	218	482	800		



Fire and Rescue – Station 29 Old Ox Road (Route 606) Station

Project Description

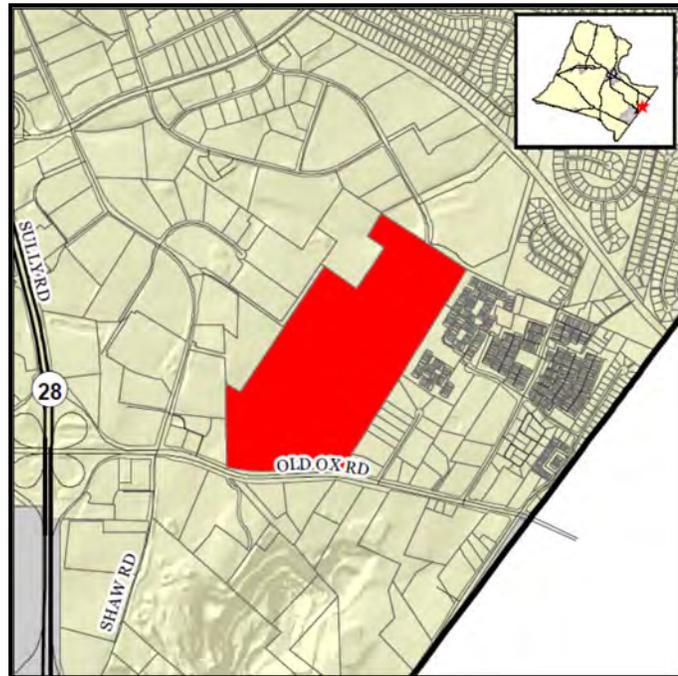
This project provides funding to design and construct a new Old Ox Road (Route 606) Fire Station on a 5-acre proffered site in the Sterling Planning Subarea. The site is proffered to the County by the developer of Waterside, ZMAP-2012-0006, and will be subdivided from the parcel highlighted in red on the map to the right.

The Station would be approximately 18,500 square feet on a site of up to five buildable acres. The facility will include: apparatus bays, bunkroom facilities, a training room, break room, restrooms, showers, food preparation and dining areas, laundry and decontamination areas, supply storage, a gear and hose drying area, a breathing apparatus air compressor room, fitness room, offices and a repair shop.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2021 referendum

Election District

Broad Run



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	2,400	-	2,400	-	2,400
Construction	-	-	-	-	-	-	12,540	12,540	-	12,540
Furniture, Fixtures & Equip	-	-	-	-	-	-	4,070	4,070	-	4,070
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	2,400	16,610	19,010	-	19,010
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	2,400	16,610	19,010	-	19,010
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	2,400	16,610	19,010	-	19,010
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	-	120	120		
Total Impact		-	-	-	-	-	120	120		



Capital Improvement Program

FY 2019 Adopted Budget

Transportation Capital Projects

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Capital (\$ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
Transportation Projects										
Projects										
Roads	151,637	112,883	128,589	112,763	182,042	277,040	175,647	988,963	848,840	1,989,441
Sidewalks, Signals, and Traffic Calming	3,200	4,467	4,215	17,100	21,070	21,815	29,620	98,287	137,385	238,872
Towns	17,210	21,421	3,745	4,933	3,225	3,317	3,411	40,052	13,644	70,906
Transit	44,616	3,500	18,900	27,010	37,090	41,493	40,460	168,453	116,000	329,069
Budgetary Cost	216,663	142,271	155,449	161,806	243,427	343,665	249,138	1,295,755	1,115,869	2,628,288
Funding Source										
Local Tax Funding	2,644	13,261	7,400	9,679	10,789	11,099	11,196	63,424	38,000	104,068
Local Tax Funding - Roads	19,681	16,400	17,138	17,860	18,565	19,253	19,920	109,136	9,600	138,417
Fund Balance	11,650	-	-	-	-	-	-	-	-	11,650
General Obligation Bonds	15,080	36,560	46,660	62,495	66,612	123,396	76,495	412,218	924,077	1,351,375
Lease Revenue Financing	36,859	1,905	-	-	-	-	1,277	3,182	-	40,041
Proffers (Cash)	10,962	500	424	-	2,707	-	-	3,631	-	14,593
State Capital Assistance	19,065	500	500	-	-	-	-	1,000	-	20,065
CMAQ	9,538	3,441	-	-	5,400	3,960	3,960	16,761	-	26,299
RSTP	5,601	3,077	9,669	11,313	4,500	5,800	7,500	41,859	-	47,460
Revenue Sharing	15,450	5,000	5,000	5,000	5,000	5,000	5,000	30,000	-	45,450
NVTA 70%	29,860	38,212	47,492	31,000	72,974	120,092	100,875	410,645	52,548	493,053
NVTA 30%	37,344	18,788	19,590	20,154	20,736	21,318	21,915	122,501	87,644	247,489
Fees	-	-	76	-	-	1,000	1,000	2,076	4,000	6,076
Local Gasoline Tax	1,244	-	-	-	-	-	-	-	-	1,244
Smart Scale	1,685	4,627	1,500	4,305	36,144	32,747	-	79,323	-	81,008
Total Funding Source	216,663	142,271	155,449	161,806	243,427	343,665	249,138	1,295,755	1,115,869	2,628,288



Capital Improvement Program

FY 2019 Adopted Budget

Roads



Capital Improvement Program by Functional Area Schedule of Appropriations										
Capital in (\$1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Roads										
Projects										
Arcola Blvd (Rt 50/Rt 606)	1,685	6,593	2,630	12,195	29,479	12,612	-	63,509	-	65,194
Belmont Ridge Road (Shreveport / Evergreen Mills Rd)	-	-	-	-	1,755	3,045	16,375	21,175	-	21,175
Belmont Ridge Road (Truro Parish / Croson)	38,063	5,000	-	-	-	-	-	5,000	-	43,063
Braddock Rd Widening (Gum Spring Rd / Fairfax Line)	-	-	-	-	-	-	-	-	154,760	154,760
Braddock Rd Widening (Gum Spring Rd / Royal Hunter)	-	-	1,000	1,000	4,095	-	-	6,095	-	6,095
Croson Ln (Claiborne Pkwy / Old Ryan Rd)	-	-	-	2,700	1,750	-	16,450	20,900	-	20,900
Crosstrail Blvd (Kincaid Blvd / Russell Branch Pkwy)	33,300	41,560	-	-	-	-	-	41,560	-	74,860
Dulles West Blvd (Arcola / Northstar)	-	-	-	6,000	3,000	3,000	31,700	43,700	-	43,700
Dulles West Blvd (Dulles Landing / Arcola)	-	4,100	4,000	-	9,114	-	-	17,214	-	17,214
Elk Lick Intersection Improvements	89	-	-	-	1,565	-	-	1,565	-	1,654
Evergreen Mills Rd (Northstar / Stone Springs)	-	-	3,285	5,600	6,000	16,000	-	30,885	-	30,885
Evergreen Mills Rd (Stone Springs / Lo. Co. Pkwy)	-	-	-	6,000	10,000	22,000	-	38,000	-	38,000
Evergreen Mills Rd Realignment (Watson & Reservoir)	-	2,000	2,500	9,500	-	-	-	14,000	-	14,000
Farmwell Road Intersection Improvements	7,864	-	12,000	12,235	-	-	-	24,235	-	32,099
George Washington Blvd Overpass	5,601	3,077	9,669	10,113	3,000	-	-	25,859	-	31,460
Intelligent Transportation System	-	1,050	-	-	-	-	1,277	2,327	-	2,327
Loudoun Co. Pkwy Widening (Ryan Rd / Shellhorn Rd)	-	-	-	-	-	-	3,795	3,795	18,395	22,190
Moorefield Blvd (Mooreview Pkwy to Moorefield Station)	-	4,340	-	-	-	-	-	4,340	-	4,340
Northstar Blvd (Rt 50 / Shreveport Dr)	22,655	-	7,288	-	23,644	10,000	24,500	65,432	-	88,087
Northstar Blvd (Rt 50 / Tall Cedars)	11,932	5,000	29,992	-	-	-	-	34,992	-	46,924
Northstar Blvd (Tall Cedars Pkwy / Braddock Rd)	-	-	-	-	2,693	-	25,675	28,368	-	28,368
Prentice Dr	9,000	-	18,000	6,900	33,425	30,000	5,000	93,325	-	102,325
Rt 15 & Braddock Roundabout	-	-	-	-	-	-	1,015	1,015	10,480	11,495
Rt 15 N Bypass / Edwards Ferry Rd	2,000	-	-	1,200	1,500	-	1,700	4,400	-	6,400
Rt 15 N Bypass / Montresor Road	-	3,500	-	6,000	11,592	57,841	-	78,933	-	78,933
Rt 28 North (Dulles Toll Rd / Sterling Blvd)	-	20,000	-	-	-	-	-	20,000	-	20,000
Rt 50 & Everfield Dr Roundabout	-	-	-	-	-	-	1,015	1,015	10,480	11,495
Rt 50 & Rt 606 Interchange	-	-	-	-	-	-	-	-	500,000	500,000
Rt 50 & Trailhead Dr Roundabout	-	-	-	-	1,215	1,290	7,495	10,000	-	10,000
Rt 50 Corridor Improvements	-	645	6,125	-	-	-	-	6,770	-	6,770
Rt 50 North Collector Rd (Air & Space Pkwy / Tall Cedars)	-	-	-	-	8,190	-	36,800	44,990	47,720	92,710
Rt 50 North Collector Rd (Tall Cedars / Lo. Co. Pkwy)	-	-	-	-	-	-	-	-	77,380	77,380



**Capital Improvement Program by Functional Area
Schedule of Appropriations**

Capital in (\$1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Rt 7 / Hillsboro Rd Interchange	7,500	405	3,845	19,420	5,500	4,065	-	33,235	-	40,735
Rt 7 & Rt 287 Interchange	-	2,115	-	-	4,390	5,001	-	11,506	-	11,506
Rt 9 & Rt 287 Roundabout	1,228	-	13,255	-	-	-	-	13,255	-	14,483
Ryan Rd Widening (Evergreen Mills Rd / Northstar Blvd)	-	-	-	-	-	-	1,835	1,835	19,145	20,980
Seneca Ridge Dr Improvements (S. Cottage Rd. / Augusta C	-	1,040	-	-	-	-	-	1,040	-	1,040
Shellhorn Rd (Lo. Co. Pkwy / Randolph Dr)	8,000	-	10,000	6,000	-	102,750	-	118,750	-	126,750
Trailhead Dr & Braddock Roundabout	-	-	-	-	-	-	1,015	1,015	10,480	11,495
Waxpool / Lo. Co. Pkwy Intersection	2,720	3,628	-	-	-	-	-	3,628	-	6,348
Westwind Drive (State St / Ladbrook Dr)	-	8,830	5,000	7,900	20,135	9,436	-	51,301	-	51,301
Roads Subtotal:	151,637	112,883	128,589	112,763	182,042	277,040	175,647	988,963	848,840	1,989,441

Funding Source (Roads)

**Capital Improvement Program by Functional Area
Schedule of Appropriations**

Capital in (\$1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Local Tax Funding	2,089	13,261	3,000	-	-	-	-	16,261	-	18,350
Local Tax Funding - Roads	18,546	12,788	15,138	15,860	15,565	17,253	17,520	94,124	-	112,670
Fund Balance	10,861	-	-	-	-	-	-	-	-	10,861
General Obligation Bonds	15,080	36,560	44,445	47,395	48,542	103,581	49,275	329,798	796,292	1,141,170
Proffers (Cash)	5,320	-	-	-	2,707	-	-	2,707	-	8,027
CMAQ	-	3,291	-	-	-	-	-	3,291	-	3,291
RSTP	5,601	3,077	9,669	11,313	4,500	-	1,700	30,259	-	35,860
Revenue Sharing	15,450	5,000	5,000	5,000	5,000	5,000	5,000	30,000	-	45,450
NVTA 70%	28,000	26,100	47,492	31,000	72,974	120,092	100,875	398,533	52,548	479,081
NVTA 30%	19,005	9,479	3,845	-	-	-	-	13,324	-	32,329
Smart Scale	1,685	2,277	-	2,195	32,754	31,114	-	68,340	-	70,025
Total Funding Source	151,637	112,883	128,589	112,763	182,042	277,040	175,647	988,963	848,840	1,989,441



Arcola Boulevard – Route 50 to Route 606

Project Description - C02182

This project provides for the planning, design, right-of-way acquisition, and construction of a major collector roadway between Route 50 and Old Ox Road (Route 606). This project combines two projects from the previous CIP: Route 50 to Dulles West and Dulles West to Route 606. The Route 50 to Dulles West segment is prioritized within the current scope of this project. The project entails the construction of a four-lane, median-divided roadway within a 120-foot right-of-way, and intersection improvements at the Route 50 intersection. The project will be approximately 1.7 miles in length.

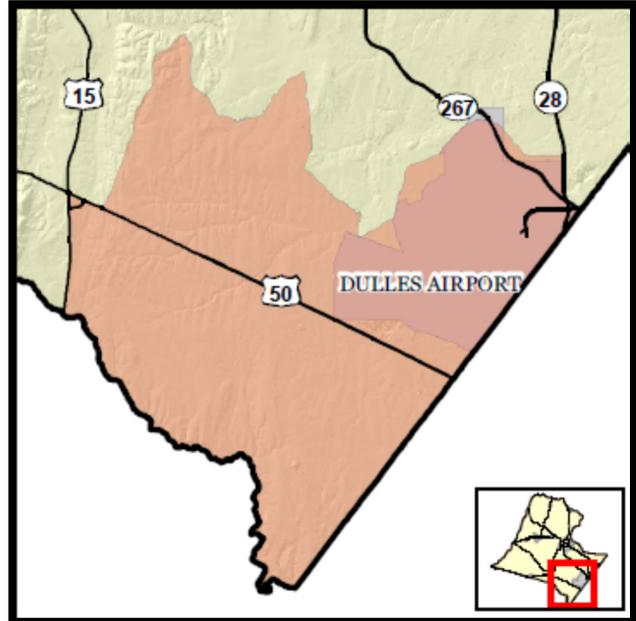
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This is a planned roadway included in the 2010 Countywide Transportation Plan.

State Revenue Sharing is awarded on a competitive basis and subject to award to the County by VDOT. Smart Scale funds are awarded on a competitive basis by VDOT. The Smart Scale amounts included reflect Loudoun County's award for the VDOT FY 2018- FY 2023 Six Year Plan.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior	6 Year						Future	Project	
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	2,630	12,195	-	-	-	14,825	-	14,825
Professional Services	1,685	5,943	-	-	-	-	-	5,943	-	7,628
Construction	-	-	-	-	29,479	12,612	-	42,091	-	42,091
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	650	-	-	-	-	-	650	-	650
Total Cost	1,685	6,593	2,630	12,195	29,479	12,612	-	63,509	-	65,194
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	6,593	2,630	10,000	12,000	-	-	31,223	-	31,223
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	1,685	-	-	2,195	12,479	12,612	-	27,286	-	28,971
Total Financing	1,685	6,593	2,630	12,195	29,479	12,612	-	63,509	-	65,194

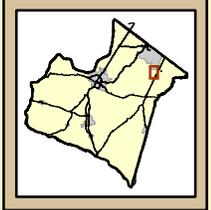


Map Number 2018-068
 Loudoun County Office of Mapping
 and Geographic Information

LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvements Program Projects
 ARCOLA BLVD (RT 50 TO RT 606)

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.





Belmont Ridge Road – Shreveport Drive to Evergreen Mills Road

Project Description

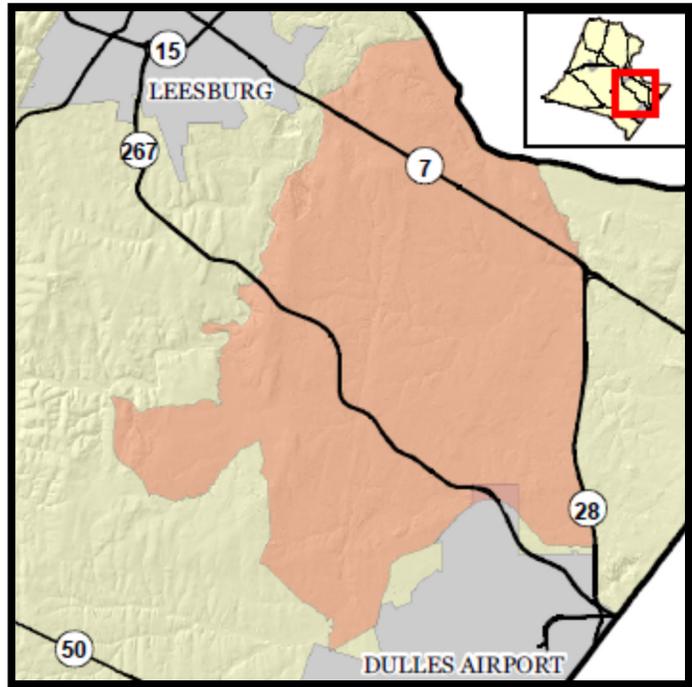
This project provides for the planning, design, right-of-way acquisition, and widening of Belmont Ridge Road (Route 659) from two lanes to four lanes between Shreveport Drive (Route 621) and Evergreen Mills Road (Route 621).

The road improvements are being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. This project is also funded using general obligation bonds, authorization to sell general obligation bonds will be scheduled for placement on the November 2020 referendum.

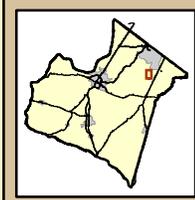
Election District

Blue Ridge



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	3,045	-	3,045	-	3,045
Professional Services	-	-	-	-	1,755	-	-	1,755	-	1,755
Construction	-	-	-	-	-	-	16,375	16,375	-	16,375
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	1,755	3,045	16,375	21,175	-	21,175
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	625	2,375	3,000	-	3,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	1,755	2,420	-	4,175	-	4,175
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	14,000	14,000	-	14,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	1,755	3,045	16,375	21,175	-	21,175

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	178	414	592
Total Impact	-	-	-	-	178	414	592



LOUDOUN COUNTY GOVERNMENT
 FY 2019 – FY 2024 Capital Improvement Program Projects
BELMONT RIDGE RD - SHREVEPORT DR TO EVERGREEN MILLS RD
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-012
 Loudoun County Office of Mapping and Geographic Information



Belmont Ridge Road – Truro Parish Drive to Croson Lane

Project Description – C02043

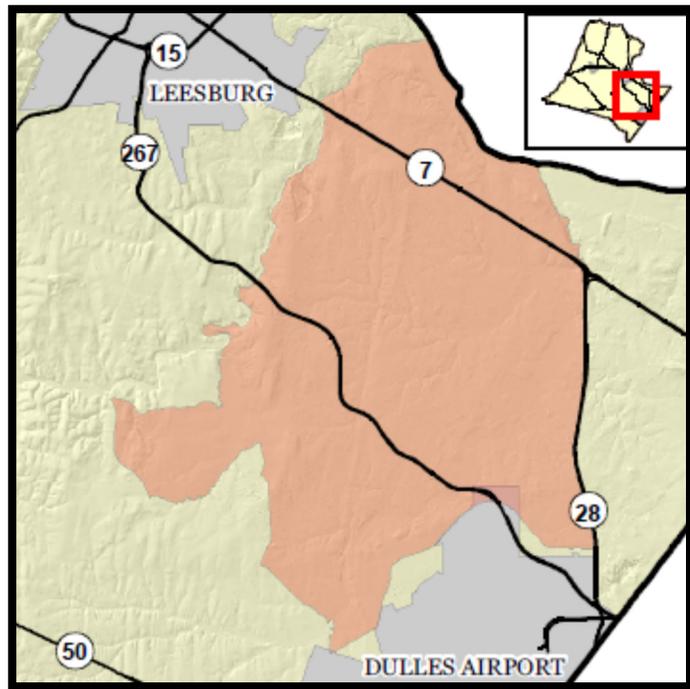
This project provides for the planning, design, right-of-way acquisition, and construction of two additional lanes to Belmont Ridge Road (Route 659) between Truro Parish Drive (Route 2119) to Croson Lane (Route 645), increasing the capacity of Belmont Ridge Road. The section will be a four-lane median-divided roadway approximately 1.5 miles in length.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

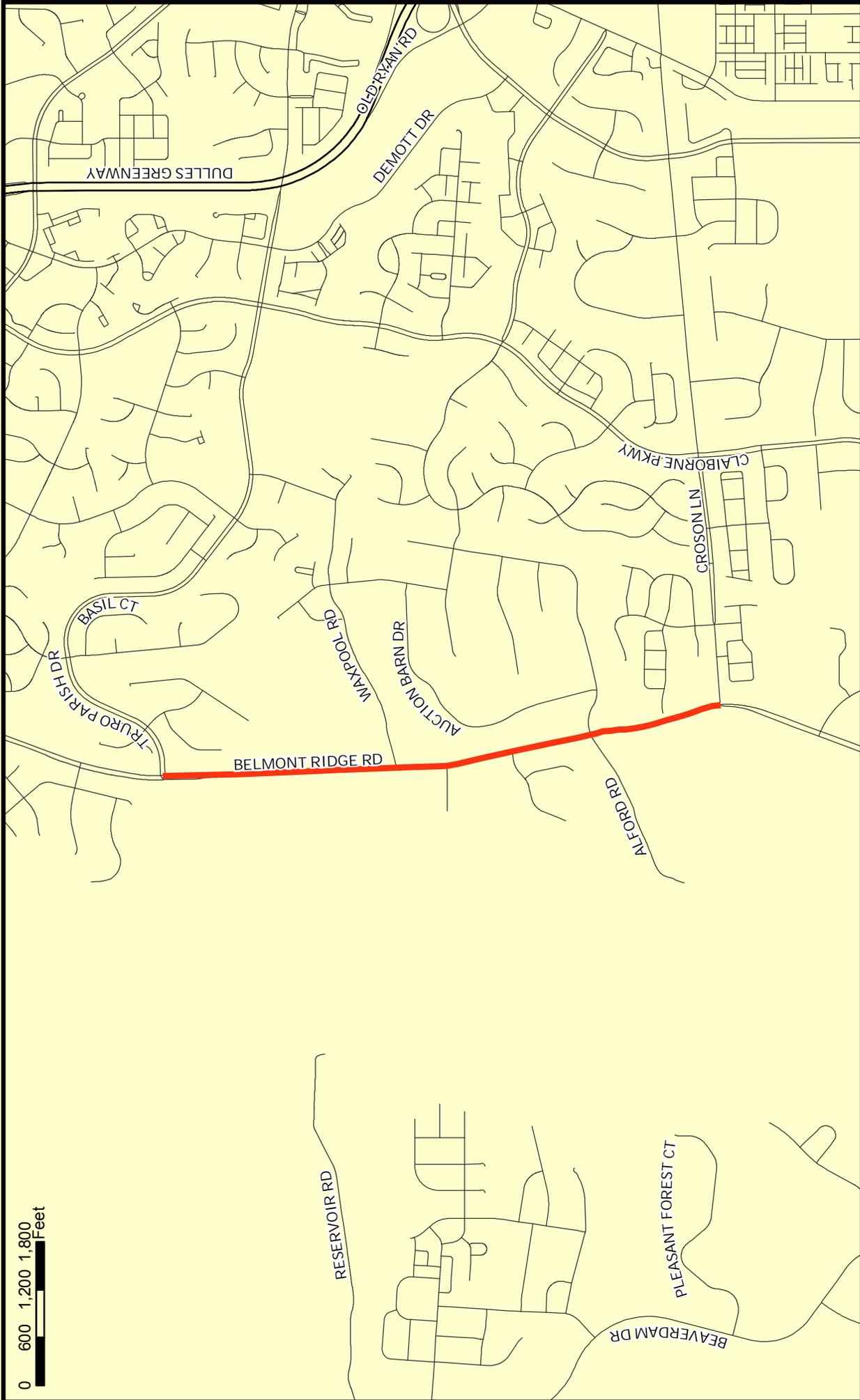
State Revenue Sharing is awarded on a competitive basis and is subject to award of the funding to the County by VDOT.

Election District

Blue Ridge, Broad Run



Capital (\$ in 1000s)	Prior						6 Year	Future	Project	
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	1,700	-	-	-	-	-	-	-	-	1,700
Professional Services	2,230	-	-	-	-	-	-	-	-	2,230
Construction	34,133	5,000	-	-	-	-	-	5,000	-	39,133
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	38,063	5,000	-	-	-	-	-	5,000	-	43,063
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	13,800	-	-	-	-	-	-	-	-	13,800
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	1,080	-	-	-	-	-	-	-	-	1,080
Proffers (Cash)	1,283	-	-	-	-	-	-	-	-	1,283
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	5,000	-	-	-	-	-	5,000	-	5,000
NVTA 70%	19,500	-	-	-	-	-	-	-	-	19,500
NVTA 30%	2,400	-	-	-	-	-	-	-	-	2,400
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	38,063	5,000	-	-	-	-	-	5,000	-	43,063



LOUDOUN COUNTY GOVERNMENT

FY 2019 – FY 2024 Capital Improvement Program Projects
BELMONT RIDGE RD - TRURO PARISH DR TO CROSON LA
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-023
 Loudoun County Office of Mapping
 and Geographic Information





Braddock Road – Gum Spring Road to Fairfax County Line

Project Description

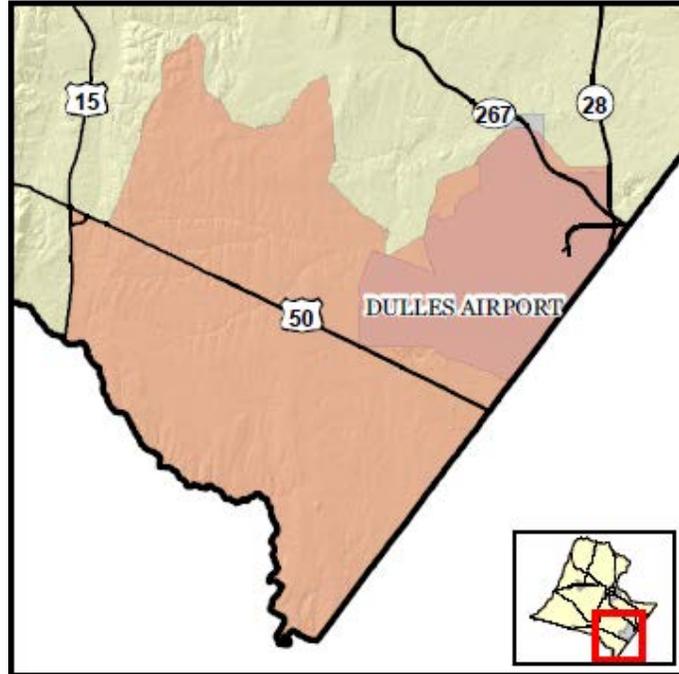
This project provides for the planning, design, right-of-way acquisition, and construction to widen Braddock Road (Route 620) to four lanes between Gum Spring Road (Route 659) and the Fairfax County line. The project entails the construction of a four-lane, median-divided roadway within a 120-foot right-of-way.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

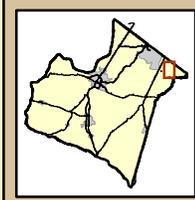
This is a planned roadway included in the 2010 Countywide Transportation Plan.

Election District

Blue Ridge, Dulles



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	22,784	22,784
Professional Services	-	-	-	-	-	-	-	-	15,160	15,160
Construction	-	-	-	-	-	-	-	-	116,816	116,816
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	154,760	154,760							
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	102,212	102,212
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	52,548	52,548
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	154,760	154,760							



LOUDOUN COUNTY GOVERNMENT
 FY 2019- FY 2024 Capital Improvements Program Projects
BRADDOCK ROAD WIDENING (GUM SPRING RD TO FAIRFAX COUNTY LINE)
 The road alignment depicted on this map is conceptual in nature
 and may be revised due to design and engineering considerations.

Map Number 2018-020
 Loudoun County Office of Mapping
 and Geographic Information



Braddock Road – Gum Spring Road to Royal Hunter Drive

Project Description

This project provides for the planning, design, right-of-way acquisition, and widening of a major collector roadway between Gum Spring Road (Route 659) and Royal Hunter Drive. The project entails the construction of a four-lane median-divided roadway within a 120-foot right-of-way.

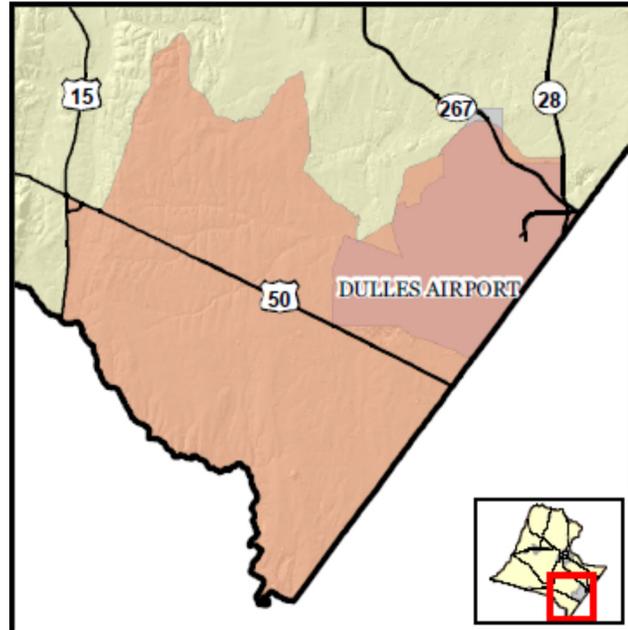
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This is a planned roadway included in the 2010 Countywide Transportation Plan.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2018 referendum.

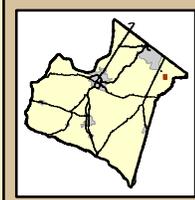
Election District

Blue Ridge, Dulles



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	1,000	-	-	-	1,000	-	1,000
Professional Services	-	-	1,000	-	-	-	-	1,000	-	1,000
Construction	-	-	-	-	4,095	-	-	4,095	-	4,095
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	1,000	1,000	4,095	-	-	6,095	-	6,095
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	220	140	75	-	-	435	-	435
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	780	860	4,020	-	-	5,660	-	5,660
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	1,000	1,000	4,095	-	-	6,095	-	6,095

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	79	165	361	553	1,158
Total Impact	-	-	79	165	361	553	1,158



LOUDOUN COUNTY GOVERNMENT
 FY 2019- FY 2024 Capital Improvements Program Projects
BRADDOCK ROAD WIDENING (GUM SPRING RD TO ROYAL HUNTER DR)
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-019
 Loudoun County Office of Mapping and Geographic Information



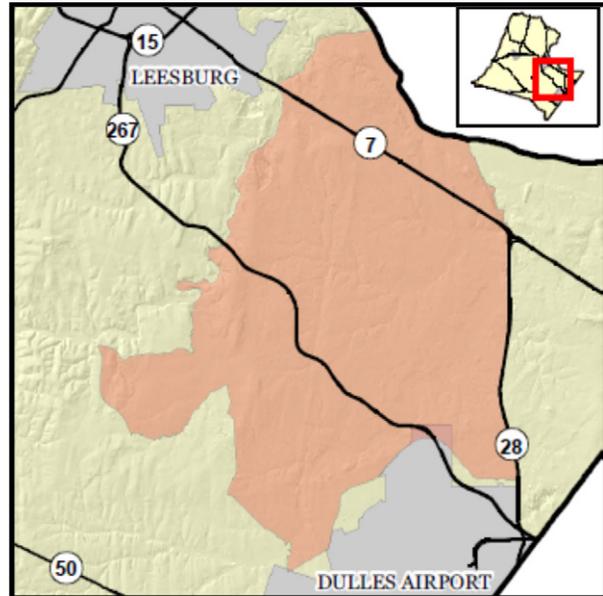
Croson Lane – Claiborne Parkway to Old Ryan Road

Project Description

This project provides for the planning, design, right-of-way acquisition, and construction to widen Croson Lane (Route 645) to four lanes between Claiborne Parkway (Route 901) and Old Ryan Road (Route 722). The project entails the construction of a four-lane, median-divided roadway within a 120-foot right-of-way approximately 0.76 mile in length. This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This is a planned roadway included in the 2010 Countywide Transportation Plan.

This project is funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum. State Revenue Sharing is awarded on a competitive basis and subject to award to the County by VDOT.



Election District

Broad Run, Dulles

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	1,750	-	-	1,750	-	1,750
Professional Services	-	-	-	2,700	-	-	-	2,700	-	2,700
Construction	-	-	-	-	-	-	16,450	16,450	-	16,450
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	2,700	1,750	-	16,450	20,900	-	20,900
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	9,450	9,450	-	9,450
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	2,700	1,750	-	2,000	6,450	-	6,450
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	2,700	1,750	-	16,450	20,900	-	20,900

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	270	441	425	1,135
Total Impact	-	-	-	270	441	425	1,135



LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvement Program Projects

CROSON LA WIDENING (CLAIBORNE PKWY TO OLD RYAN RD)

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2017-018
 Loudoun County Office of Mapping
 and Geographic Information



Crosstrail Boulevard – Kincaid Boulevard to Russell Branch Parkway

Project Description – C00046 & C02069

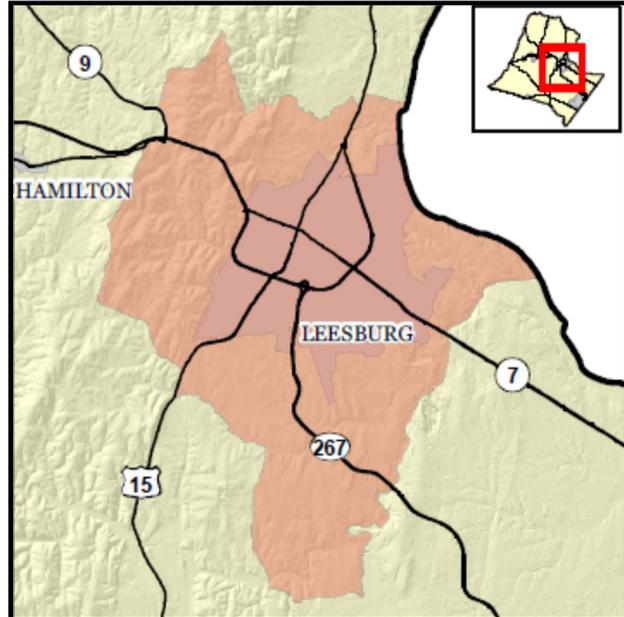
This project provides for the planning, design, right-of-way acquisition, and construction of segments of Crosstrail Boulevard in the vicinity of Philip A. Bolen Memorial Park and the Leesburg Airport in the Leesburg Planning Subarea. This project provides funding to construct four lanes of Crosstrail Boulevard from Kincaid Boulevard to Russell Branch Parkway near Route 7 in the vicinity of the Villages at Leesburg.

The design of Crosstrail Boulevard from Sycolin Road to Kincaid Boulevard is complete, with construction underway. Design of the section of Crosstrail Boulevard from the boundary of the County-owned property to Russell Branch Parkway is complete.

This project completes roads required to develop land bays for public facilities at the County-owned Government Support Center site in Leesburg and contributes to the implementation of the 2010 Countywide Transportation Plan for road infrastructure in this area.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This project is funded using general obligation bonds that are scheduled for placement on the November 2018 referendum.

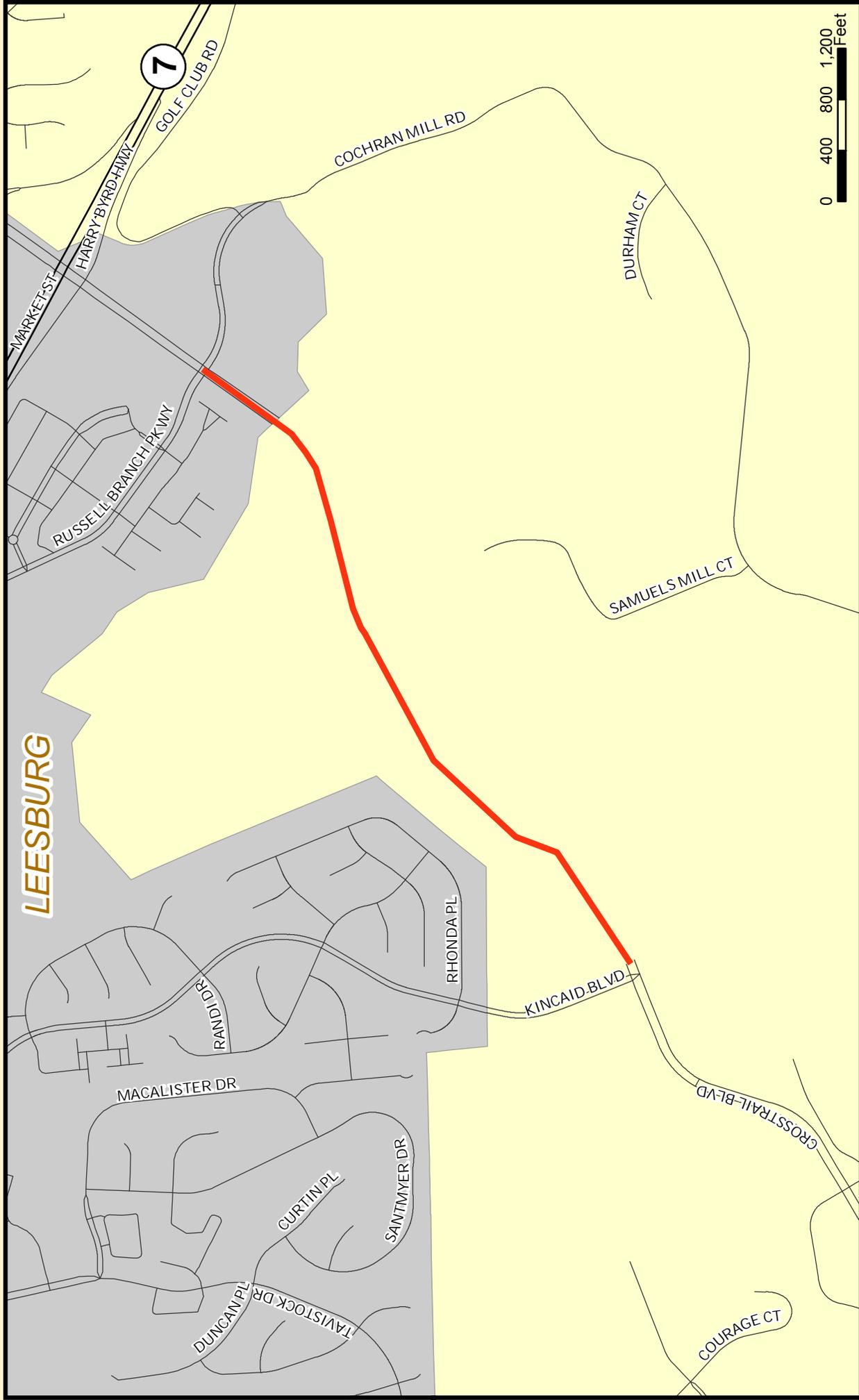


Election District

Catoctin, Leesburg

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	2,000	-	-	-	-	-	-	-	-	2,000
Professional Services	6,300	-	-	-	-	-	-	-	-	6,300
Construction	25,000	41,560	-	-	-	-	-	41,560	-	66,560
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	33,300	41,560	-	-	-	-	-	41,560	-	74,860
Local Tax Funding	2,000	5,000	-	-	-	-	-	5,000	-	7,000
Local Tax Funding - Roads	1,300	-	-	-	-	-	-	-	-	1,300
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	36,560	-	-	-	-	-	36,560	-	36,560
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	30,000	-	-	-	-	-	-	-	-	30,000
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	33,300	41,560	-	-	-	-	-	41,560	-	74,860

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	878	1,441	2,249	3,537	8,104
Total Impact	-	-	878	1,441	2,249	3,537	8,104



LEESBURG

7



LOUDOUN COUNTY GOVERNMENT

FY 2019 – FY 2024 Capital Improvement Program Projects

CROSSTRAIL BLVD - KINCAID BLVD TO RUSSELL BRANCH PKWY

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-021
Loudoun County Office of Mapping and Geographic Information



Dulles West Boulevard – Arcola Boulevard to Northstar Boulevard

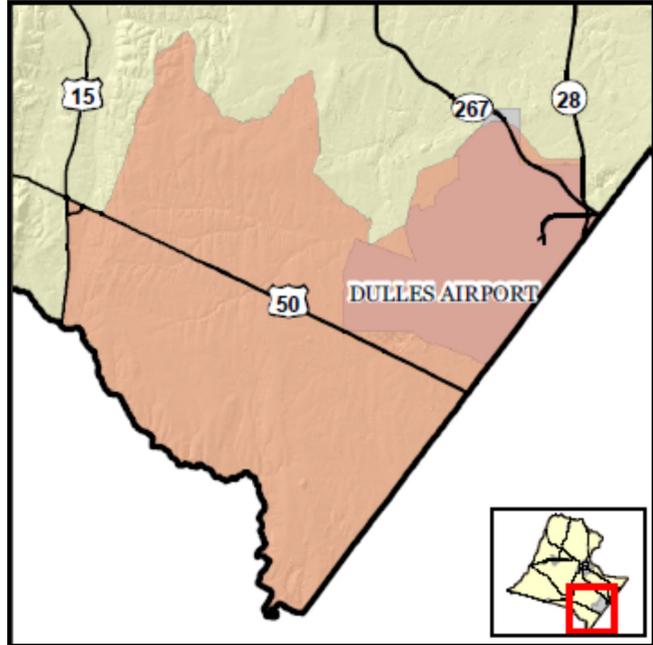
Project Description

This project provides for the planning, design, right-of-way acquisition and construction of a major collector roadway of Dulles West Boulevard between Arcola Boulevard (Route 606) to Northstar Boulevard (Route 659). The project entails the construction of a four-lane median-divided roadway within a 120-foot right-of-way for an approximate length of 1.21 miles

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This is a planned roadway included in the 2010 Countywide Transportation Plan. There are no proffered dedications of right-of-way for this project.

NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. This project is also funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.

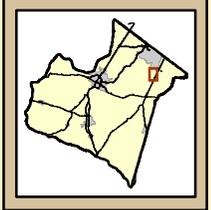
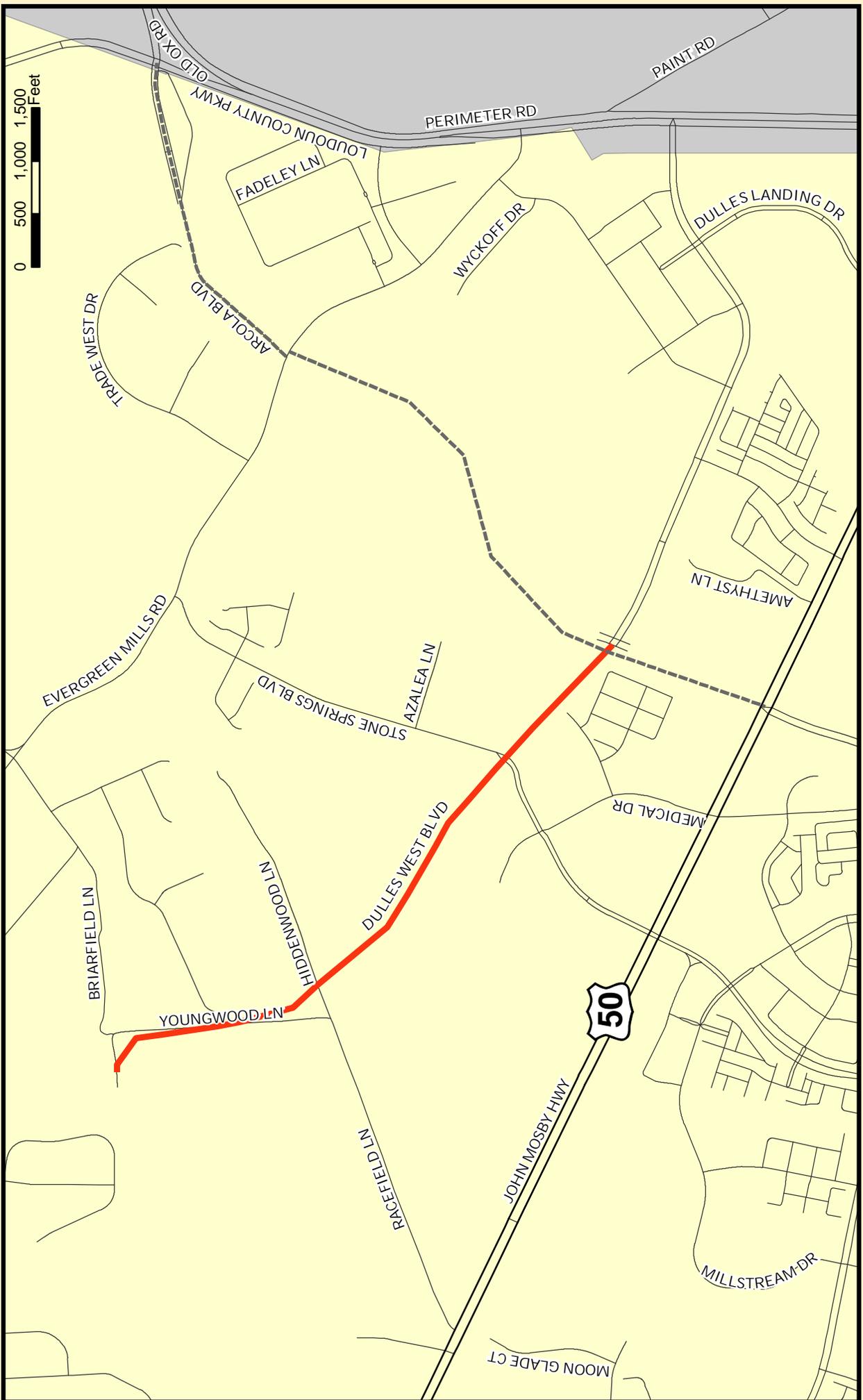


Election District

Blue Ridge

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	3,000	-	-	3,000	-	3,000
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	6,000	-	3,000	31,700	40,700	-	40,700
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	6,000	3,000	3,000	31,700	43,700	-	43,700
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	6,000	3,000	-	-	9,000	-	9,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	3,000	31,700	34,700	-	34,700
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	6,000	3,000	3,000	31,700	43,700	-	43,700

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	352	695	869	1,915
Total Impact	-	-	-	352	695	869	1,915



LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvements Program Projects

DULLES WEST BLVD - ARCOLA BLVD TO NORTHSTAR BLVD

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-065

Loudoun County Office of Mapping and Geographic Information



Dulles West Boulevard – Dulles Landing Drive to Arcola Boulevard

Project Description

This project provides for the planning, design, right-of-way acquisition, and construction of a four-lane segment of Dulles West Boulevard between Dulles Landing Drive and Arcola Boulevard. This project combines two projects from the previous CIP: Dulles Landing to Hutchinson Farm Drive and Hutchinson Farm Drive to Arcola Boulevard. The Dulles Landing to Hutchinson Farm Drive segment is prioritized within the current scope of this project. The project entails the construction of a four-lane, median-divided roadway within a 120-foot right-of-way, and intersection improvements at Arcola Boulevard, an estimated length of 0.68 miles.

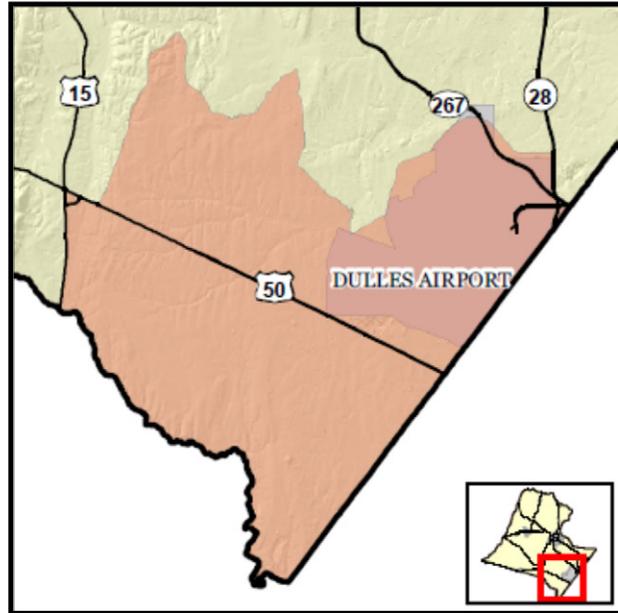
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This is a planned roadway included in the 2010 Countywide Transportation Plan.

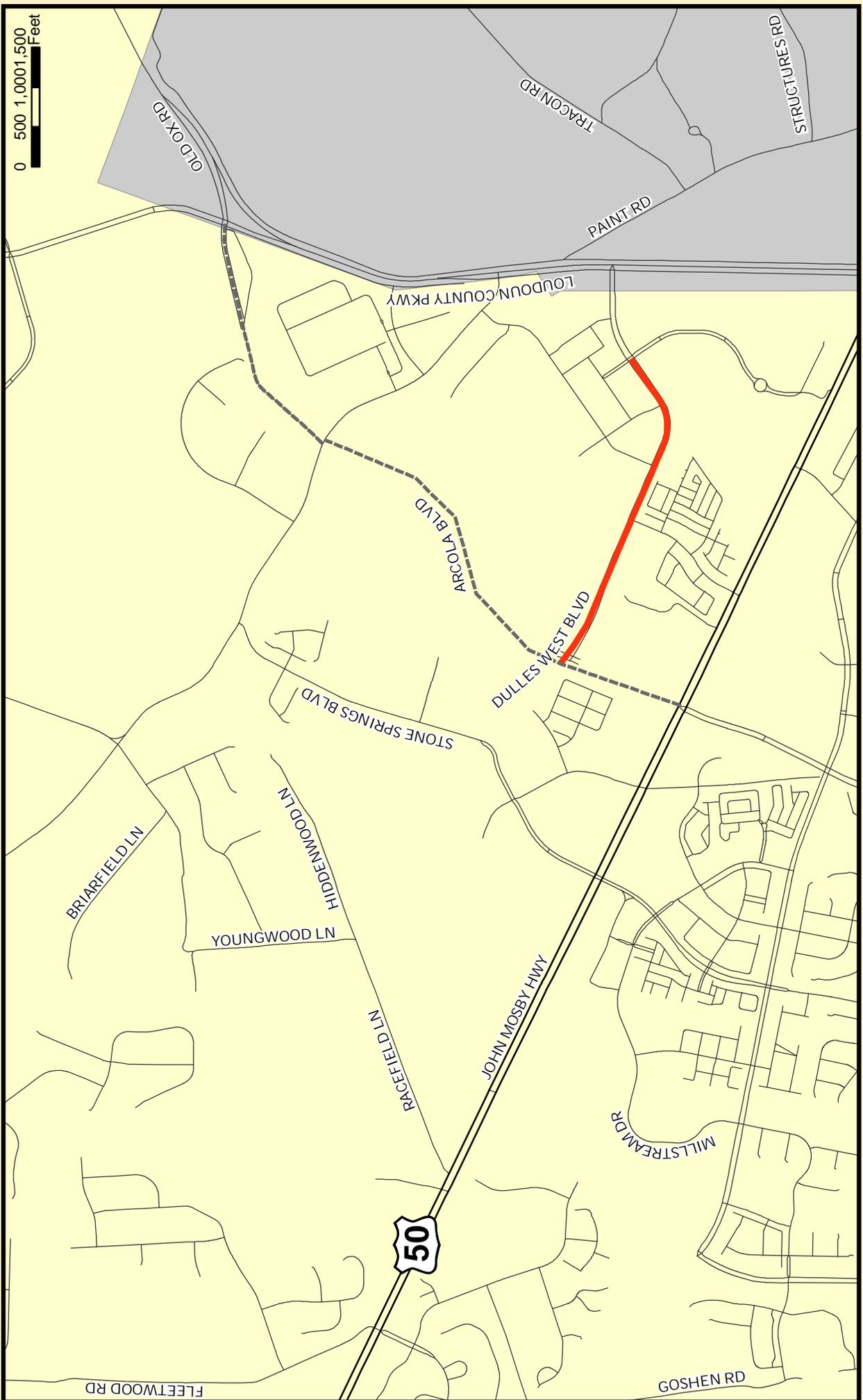
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. Cash proffers are planned for this project.

Election District

Blue Ridge



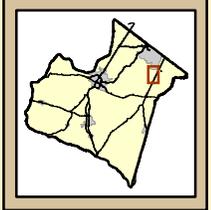
Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	4,000	-	-	-	-	4,000	-	4,000
Professional Services	-	4,100	-	-	-	-	-	4,100	-	4,100
Construction	-	-	-	-	9,114	-	-	9,114	-	9,114
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	4,100	4,000	-	9,114	-	-	17,214	-	17,214
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	2,514	-	-	2,514	-	2,514
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	4,100	4,000	-	6,600	-	-	14,700	-	14,700
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	4,100	4,000	-	9,114	-	-	17,214	-	17,214



Map Number 2018-066
 Loudoun County Office of Mapping
 and Geographic Information

LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvements Program Projects
DULLES WEST BLVD - DULLES LANDING TO ARCOLA BLVD



The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Elk Lick Road Intersection Improvements

Project Description – C02115

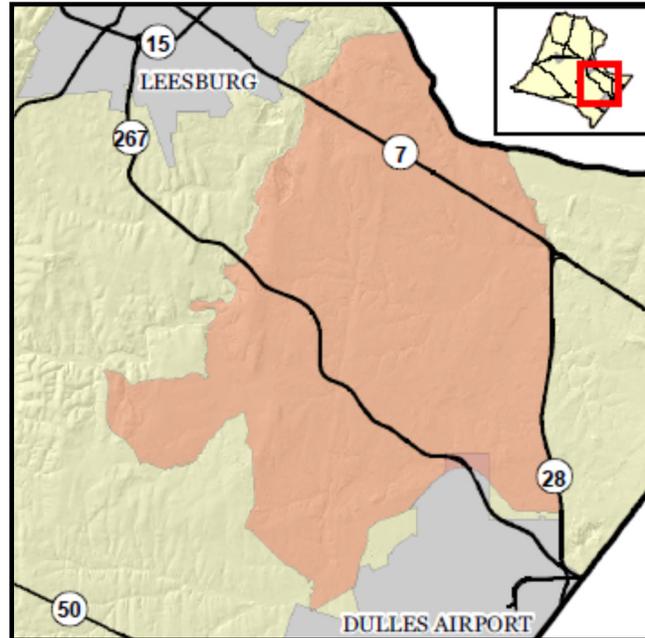
This project provides for closure of the median at Route 50 and Elk Lick Road and converting the access at Elk Lick Road to right in/right out, improvements to Defender Drive between Elk Lick Road and South Riding Boulevard and a traffic signal at Elk Lick Road and Tall Cedars Parkway (Route 2200).

The road improvements are being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

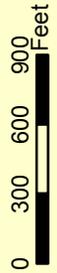
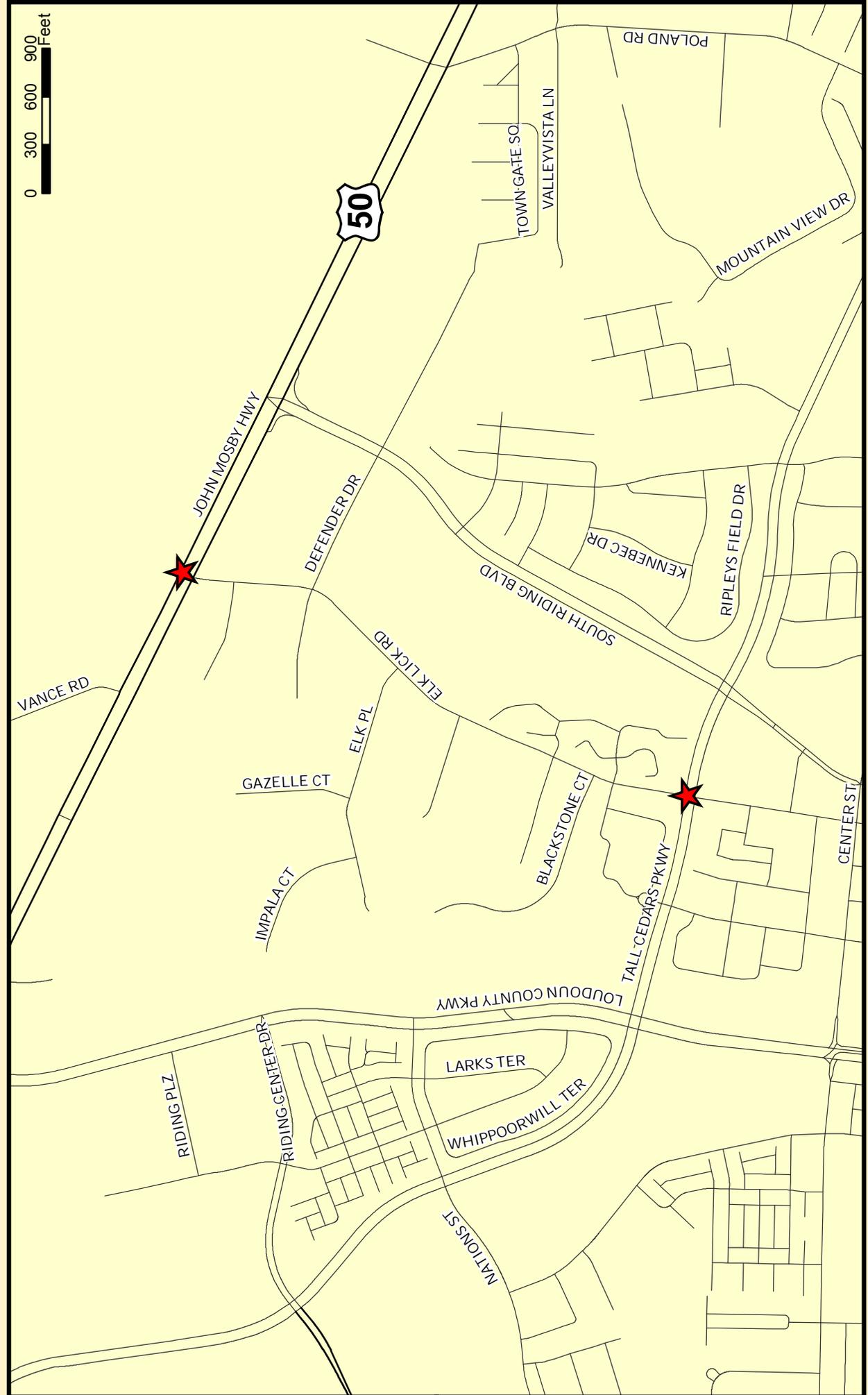
This project is funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.

Election District

Dulles



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	89	-	-	-	365	-	-	365	-	454
Construction	-	-	-	-	1,200	-	-	1,200	-	1,200
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	89	-	-	-	1,565	-	-	1,565	-	1,654
Local Tax Funding	89	-	-	-	-	-	-	-	-	89
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	1,565	-	-	1,565	-	1,565
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	89	-	-	-	1,565	-	-	1,565	-	1,654
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service	-	-	-	-	-	38	157	196		
Total Impact	-	-	-	-	-	38	157	196		



LOUDOUN COUNTY GOVERNMENT
 FY 2019 – FY 2024 Capital Improvement Program Projects
ELK LICK RD - INTERSECTIONS AT RT 50 AND TALL CEDARS PKWY
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-017
 Loudoun County Office of Mapping and Geographic Information



Evergreen Mills Road – Northstar Boulevard to Stone Springs Boulevard

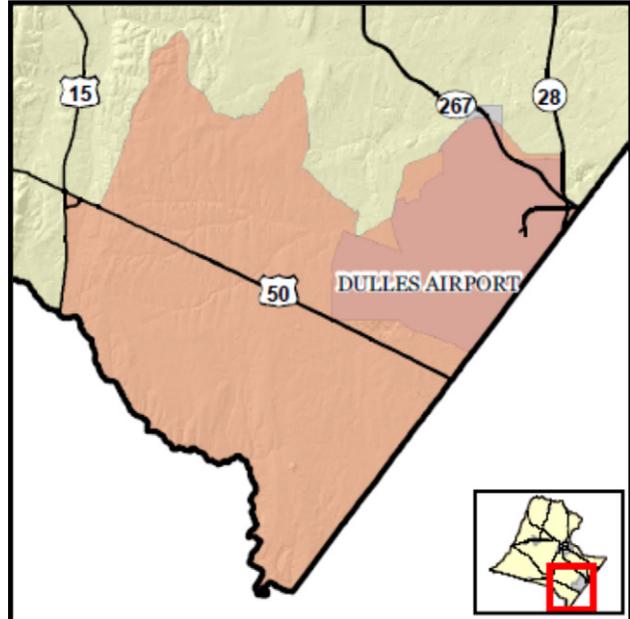
Project Description

This project provides for the planning, design, right-of-way acquisition, and widening of Evergreen Mills Road (Route 621) from two lanes to four lanes between Northstar Boulevard (Route 659) and Stone Springs Road, estimated at 0.91 miles in length. This project combines two projects from the previous CIP: Northstar Boulevard to Belmont Ridge Road and Belmont Ridge Road to Stone Springs Boulevard.

Construction includes improvements at the intersections of Evergreen Mills Road and Belmont Ridge Road, and Stone Springs Boulevard and Evergreen Mills Road.

The road improvements are being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. This project is also funded using general obligation bonds that will be scheduled for placement on the November 2018 referendum.

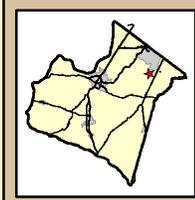
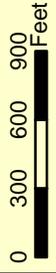


Election District

Blue Ridge

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	5,600	-	-	-	5,600	-	5,600
Professional Services	-	-	3,285	-	-	-	-	3,285	-	3,285
Construction	-	-	-	-	6,000	16,000	-	22,000	-	22,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	3,285	5,600	6,000	16,000	-	30,885	-	30,885
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	1,795	-	-	1,795	-	1,795
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	3,285	5,600	4,205	-	-	13,090	-	13,090
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	16,000	-	16,000	-	16,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	3,285	5,600	6,000	16,000	-	30,885	-	30,885

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	199	324	616	1,281	2,419
Total Impact	-	-	199	324	616	1,281	2,419



LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvements Program Projects

EVERGREEN MILLS RD (NORTHSTAR BLVD TO STONE SPRINGS BLVD)

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2018-045
Loudoun County Office of Mapping
and Geographic Information



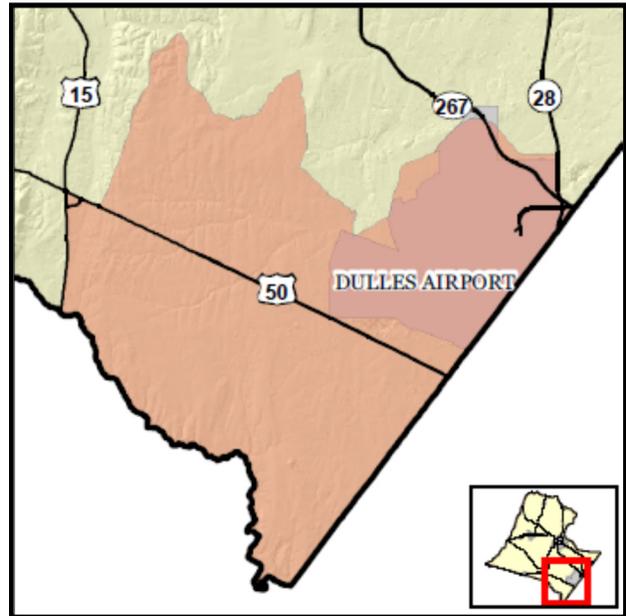
Evergreen Mills Road – Stone Springs Boulevard to Loudoun County Parkway

Project Description

This project provides for the planning, design, right-of-way acquisition, and widening of Evergreen Mills Road (Route 621) from two lanes to four lanes from Stone Springs to Loudoun County Parkway (Route 607), approximately 1.12 miles in length. This project combines two projects from the previous CIP: Stone Springs to Arcola Boulevard, and Arcola Boulevard to Loudoun County Parkway.

The road improvements are being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

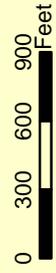
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. This project is also funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.



Election District

Blue Ridge

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	5,000	-	-	5,000	-	5,000
Professional Services	-	-	-	6,000	-	-	-	6,000	-	6,000
Construction	-	-	-	-	-	22,000	-	22,000	-	22,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	5,000	-	-	5,000	-	5,000
Total Cost	-	-	-	6,000	10,000	22,000	-	38,000	-	38,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	5,000	2,908	-	7,908	-	7,908
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	6,000	5,000	19,092	-	30,092	-	30,092
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	6,000	10,000	22,000	-	38,000	-	38,000
Operating Impact (\$ in 1000s)										
Debt Service										
Total Impact										



LOUDOUN COUNTY GOVERNMENT
 FY 2019- FY 2024 Capital Improvements Program Projects
EVERGREEN MILLS RD (STONE SPRINGS BLVD TO LOUDOUN COUNTY PKWY)

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-046
 Loudoun County Office of Mapping and Geographic Information





Evergreen Mills Road Realignments – Reservoir Road & Watson Road

Project Description

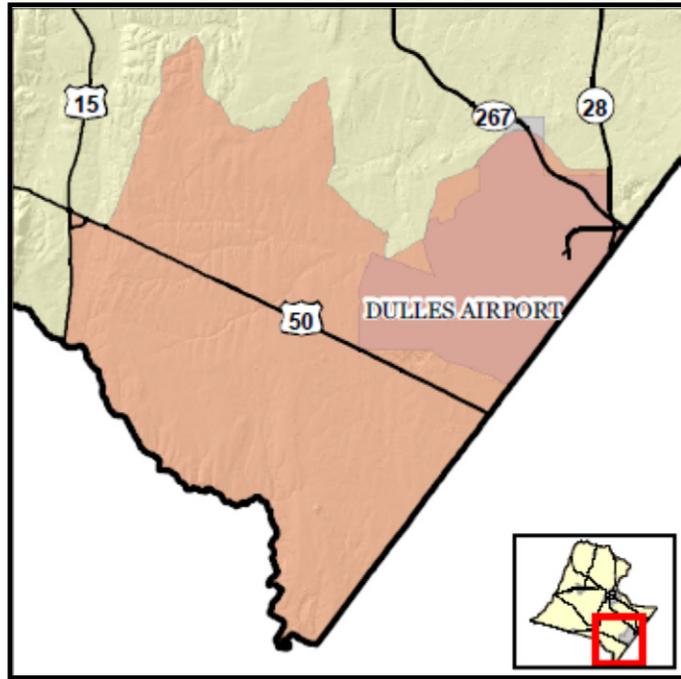
This project provides for the planning, design, right-of-way acquisition, and construction of the realignment of Evergreen Mills Road at the intersections of Reservoir Road and Watson Road with a distance of approximately 0.17 miles.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

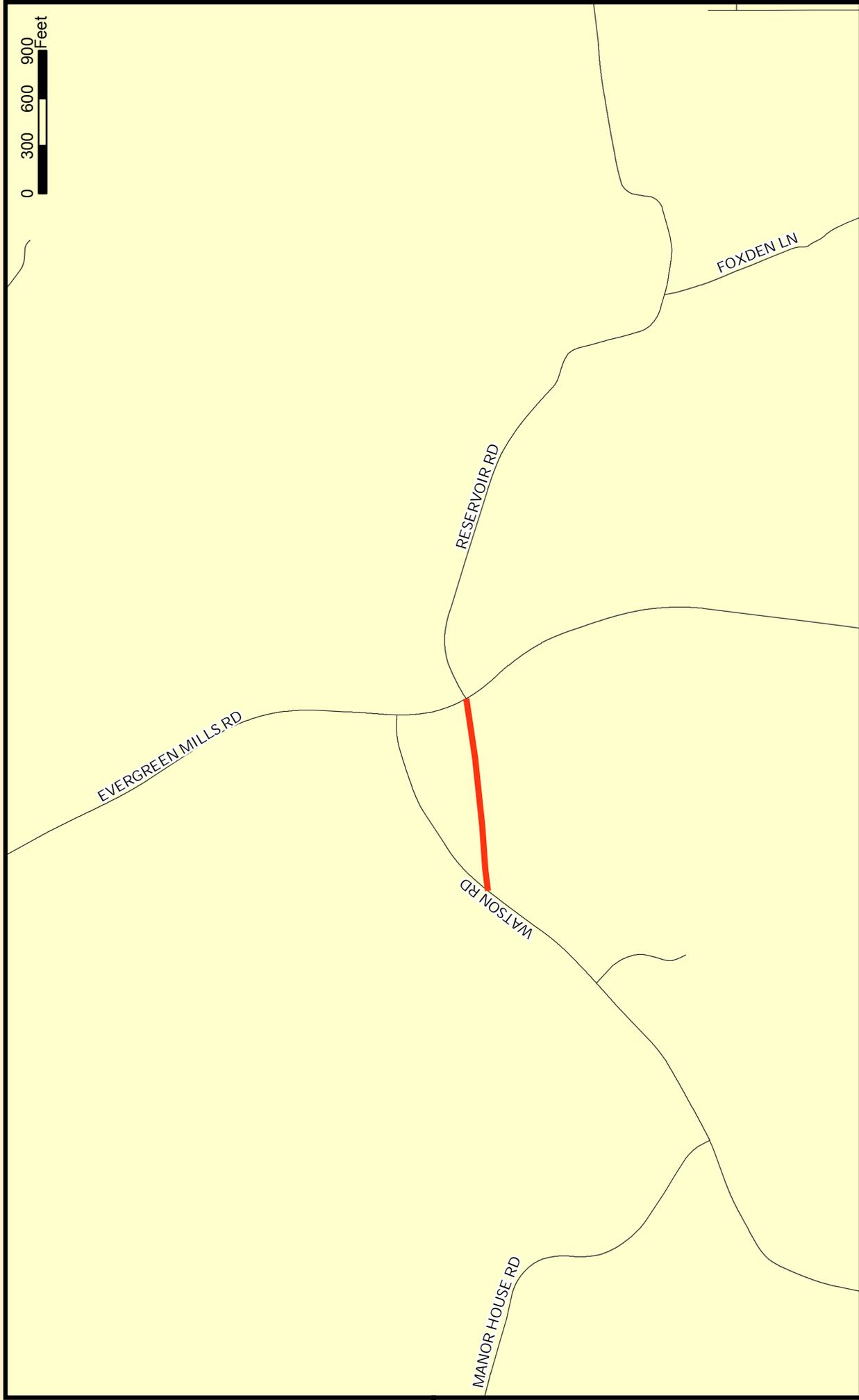
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	2,500	-	-	-	-	2,500	-	2,500
Professional Services	-	2,000	-	-	-	-	-	2,000	-	2,000
Construction	-	-	-	9,500	-	-	-	9,500	-	9,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	2,000	2,500	9,500	-	-	-	14,000	-	14,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	2,000	2,500	9,500	-	-	-	14,000	-	14,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	2,000	2,500	9,500	-	-	-	14,000	-	14,000



LOUDOUN COUNTY GOVERNMENT
 FY 2019 – FY 2024 Capital Improvement Program Projects
EVERGREEN MILLS RD - RE-ALIGNMENT AT WATSON RD AND RESERVOIR RD
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.


 Map Number 2018-013
 Loudoun County Office of Mapping and Geographic Information



Farmwell Road – Intersection Improvements

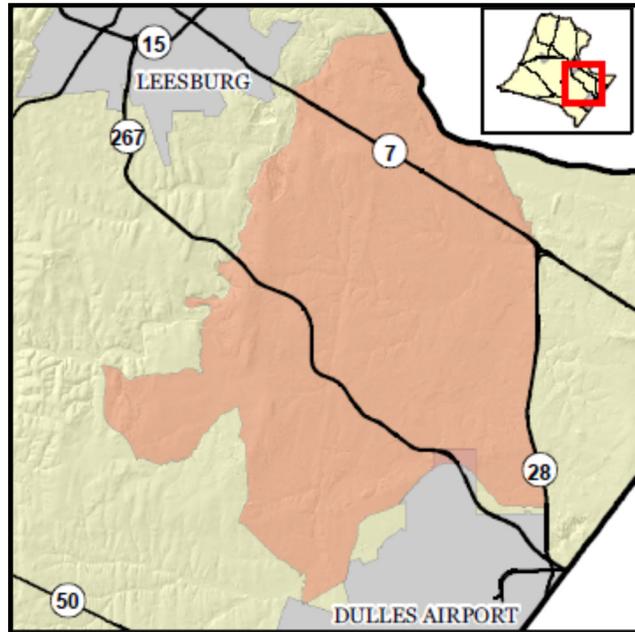
Project Description – C02087

This project provides planning, design, right-of-way acquisition, and improvements for seven intersections along Farmwell Road between Smith Switch Road (Route 1950) and Ashburn Road (Route 641), an estimated length of 1.27 miles.

This road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

This section of roadway is planned to be a six-lane urban major collector in the 2010 Countywide Transportation Plan and was identified by the Board as a priority project at the Board of Supervisors' 2013 Transportation Summit.

All proposed uses of State Revenue Sharing funding on County road projects are subject to award of the funding to the County by VDOT. This project is funded using general obligation bonds that will be scheduled for placement on the November 2018 referendum.

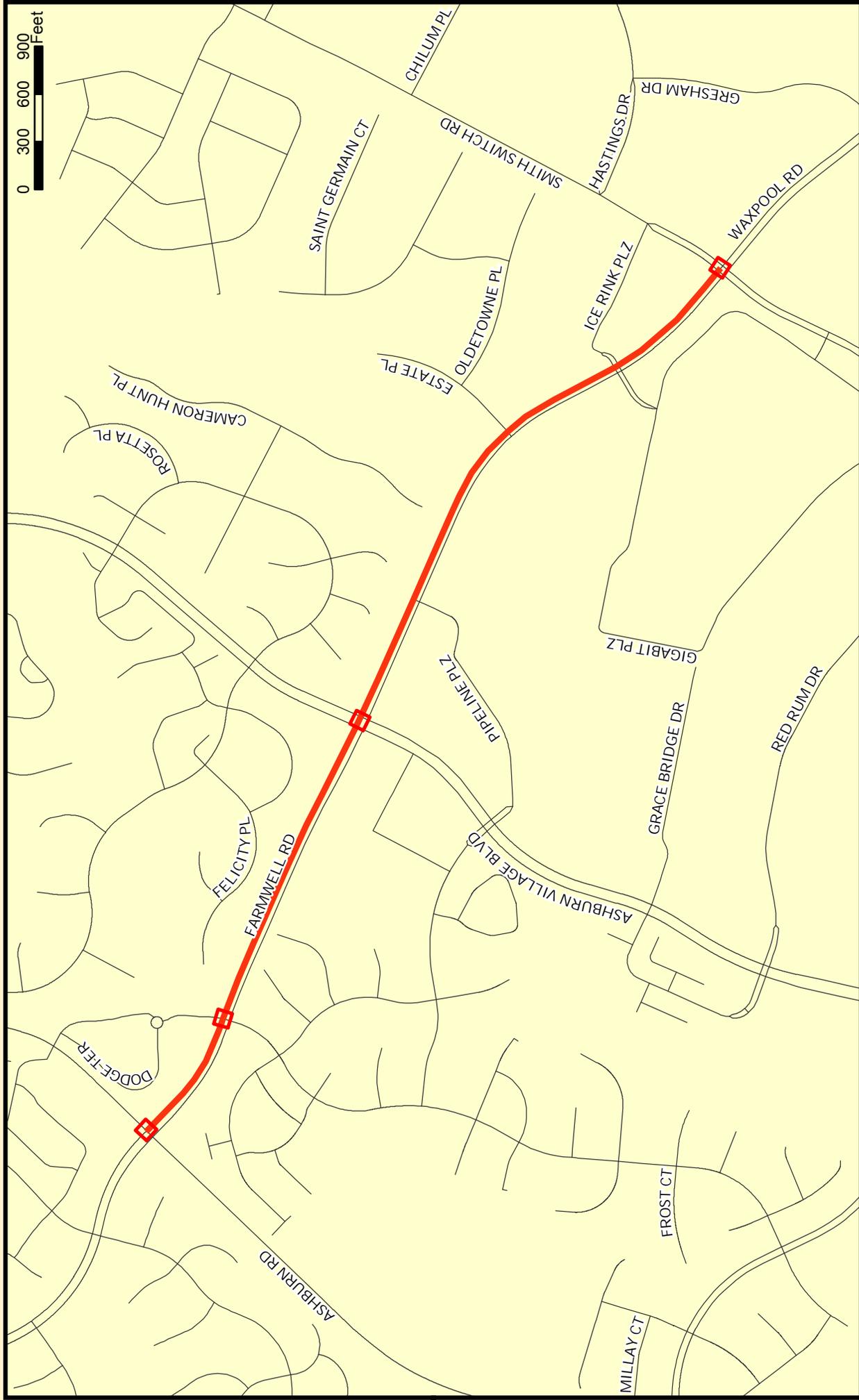


Election District

Ashburn, Broad Run

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	3,245	-	-	-	-	3,245	-	3,245
Professional Services	2,670	-	2,920	-	-	-	-	2,920	-	5,590
Construction	5,194	-	5,835	12,235	-	-	-	18,070	-	23,264
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	7,864	-	12,000	12,235	-	-	-	24,235	-	32,099
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	12,000	7,235	-	-	-	19,235	-	19,235
Proffers (Cash)	864	-	-	-	-	-	-	-	-	864
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	3,500	-	-	5,000	-	-	-	5,000	-	8,500
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	3,500	-	-	-	-	-	-	-	-	3,500
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	7,864	-	12,000	12,235	-	-	-	24,235	-	32,099

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	200	475	1,213	1,553	3,441
Total Impact	-	-	200	475	1,213	1,553	3,441



LOUDOUN COUNTY GOVERNMENT

FY 2019 – FY 2024 Capital Improvement Program Projects

FARMWELL RD

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2018-031
Loudoun County Office of Mapping
and Geographic Information



George Washington Boulevard – Overpass

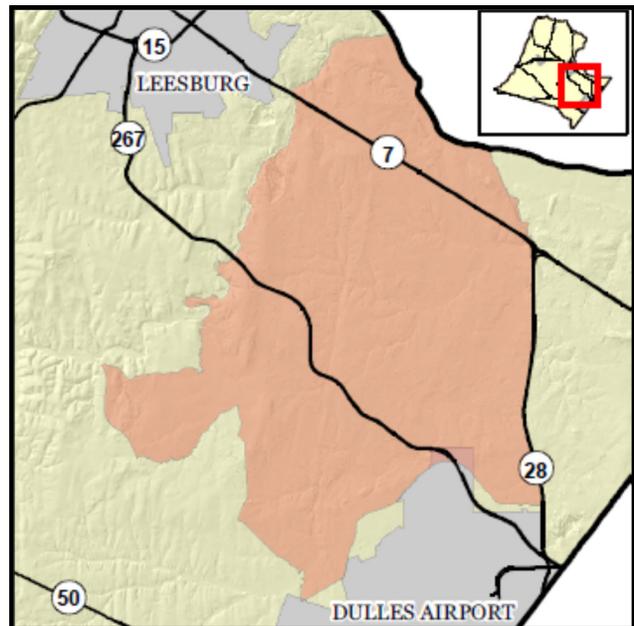
Project Description – C02053

This project provides for the planning, design, right-of-way acquisition, and construction of George Washington Boulevard over Harry Byrd Highway (Route 7) with a connection to Russell Branch Parkway south of Route 7. The project will be designed as a four-lane urban major collector with associated turn lanes and a shared-use path. VDOT will administer the design and construction of this project.

This road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

The project funding was originally planned for an overpass at Lexington Drive. However, after re-evaluating the connectivity and functionality of the Lexington Drive location, the Board of Supervisors directed staff to move the overpass funding to the George Washington Boulevard location following the construction of the Loudoun County Parkway (Route 606) at Route 7 interchange. A Comprehensive Plan Amendment (CPAM) to the Countywide Transportation Plan was approved by the Board of Supervisors on June 10, 2015 to adjust the location to George Washington Boulevard.

This project is funded using Regional Surface Transportation Program (RSTP) grant funds. The funding is competitive and is subject to award by VDOT.



Election District

Algonkian, Broad Run

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	1,367	-	-	-	-	-	-	-	-	1,367
Construction	4,234	3,077	9,669	10,113	3,000	-	-	25,859	-	30,093
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	5,601	3,077	9,669	10,113	3,000	-	-	25,859	-	31,460
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	5,601	3,077	9,669	10,113	3,000	-	-	25,859	-	31,460
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	5,601	3,077	9,669	10,113	3,000	-	-	25,859	-	31,460



LOUDOUN COUNTY GOVERNMENT

FY 2019 – FY 2024 Capital Improvement Program Projects
GEORGE WASHINGTON BLVD OVERPASS
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-039
 Loudoun County Office of Mapping and Geographic Information





Intelligent Transportation System

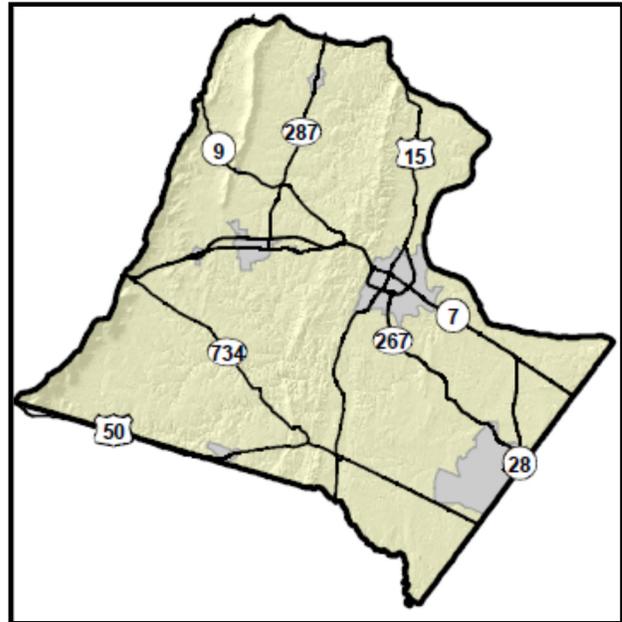
Project Description

This project funds the initial step to integrate Intelligent Transportation Systems (ITS) into County transportation plans. This project includes the deployment of up to five color closed-circuit television cameras (CCTVs) and up to three changeable message signs (CMS).

Deployment includes furnishing and installation of CCTVs with pan-tilt-zoom (PTZ) capabilities, power, communications, and integration with a central server and traffic operations center software package. CCTVs will be mounted on existing poles or signal mast arms, where available. Camera feeds would be shared with the public as view-only access via the internet and with VDOT. Locations will be refined at the time of implementation and will include stakeholder input. Deployment of CMS displays will include power, communications, and integration with a central server and traffic operations center software package.

Camera coverage will provide situational awareness and assistance through real-time camera feeds. Current camera coverage is primarily provided by VDOT, and covers only a limited number of locations throughout the County and does not provide situational awareness for several major known bottlenecks and high-crash locations.

This program will be lease revenue financed.

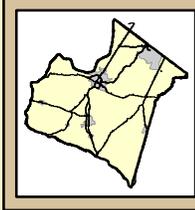
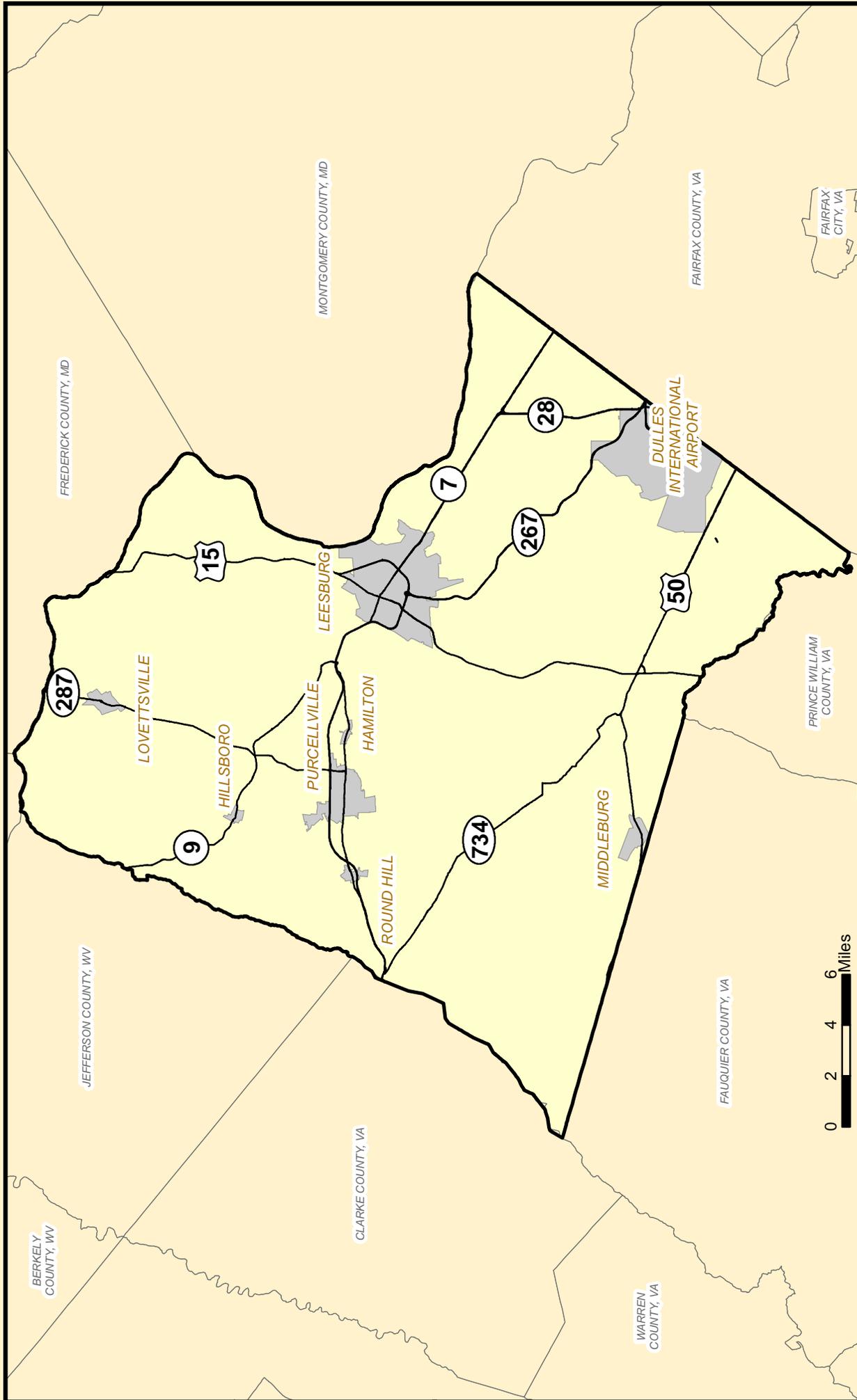


Election District

Countywide

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	1,050	-	-	-	-	1,277	2,327	-	2,327
Total Cost	-	1,050	-	-	-	-	1,277	2,327	-	2,327
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	1,050	-	-	-	-	1,277	2,327	-	2,327
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	1,050	-	-	-	-	1,277	2,327	-	2,327

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	26	106	99	101	93	128	553
Total Impact	26	106	99	101	93	128	553



LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvements Program Projects

LOUDOUN COUNTY, VA

Map Number 2018-073
 Loudoun County Office of Mapping
 and Geographic Information

The road alignment depicted on this map is conceptual in nature
 and may be revised due to design and engineering considerations.



Loudoun County Parkway Widening – Ryan Road to Shellhorn Road

Project Description

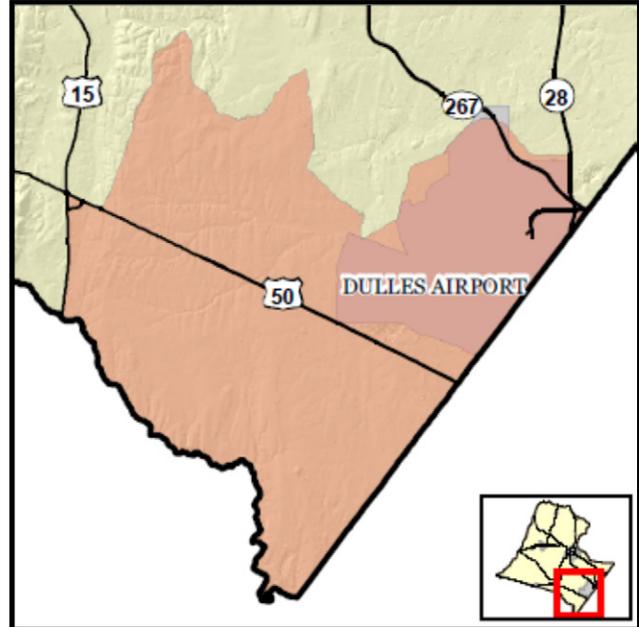
This project provides for the planning, design, right-of-way acquisition and widening of Loudoun County Parkway (Route 607) from four to six lanes between Ryan Road (Route 772) and Shellhorn Road (Route 643).

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

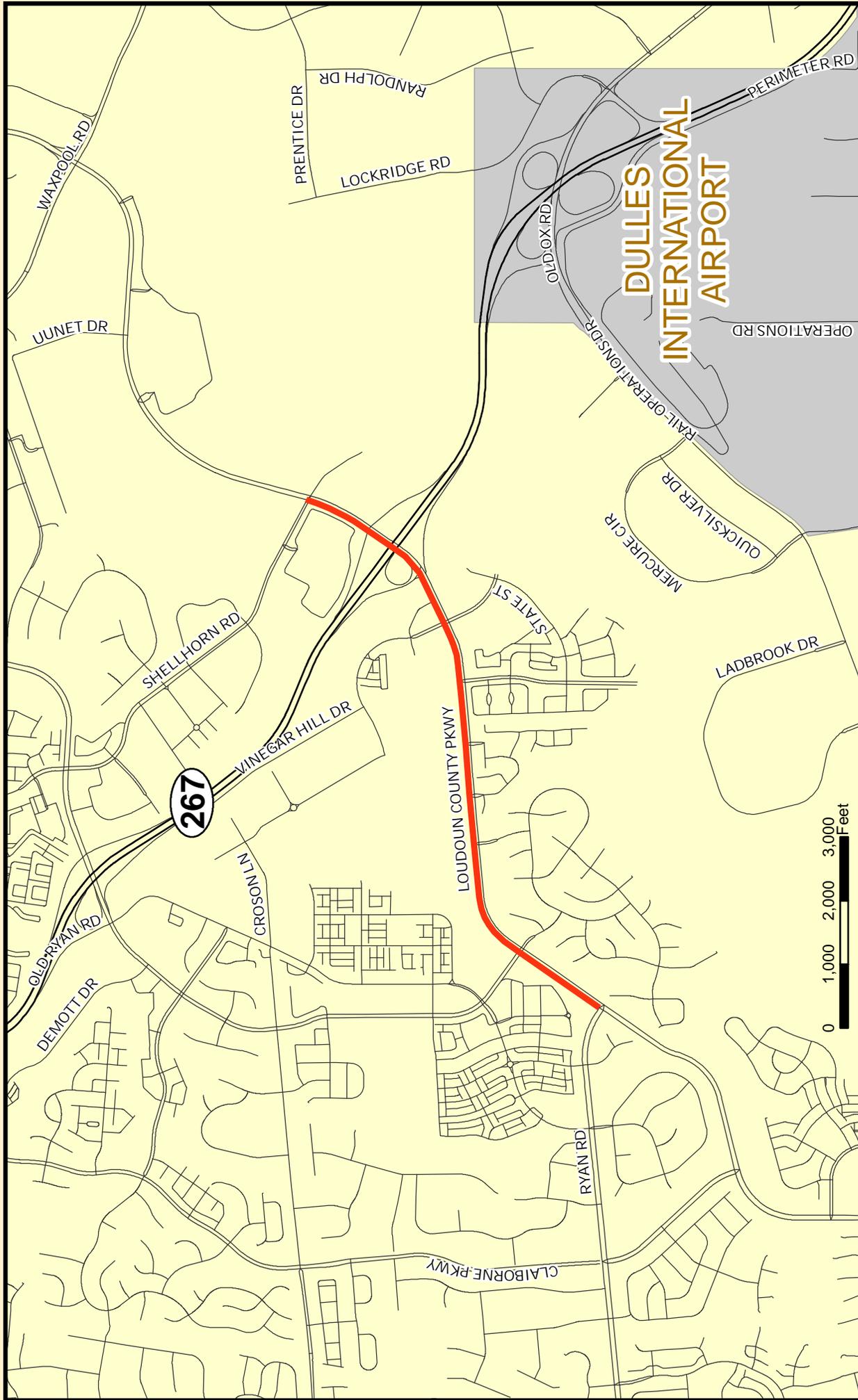
Authorization to sell general obligation bonds will be scheduled for placement on the November 2022 referendum.

Election District

Dulles, Broad Run



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	1,315	1,315
Professional Services	-	-	-	-	-	-	3,795	3,795	-	3,795
Construction	-	-	-	-	-	-	-	-	17,080	17,080
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	3,795	3,795	18,395	22,190
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	3,795	3,795	18,395	22,190
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	3,795	3,795	18,395	22,190



LOUDOUN COUNTY GOVERNMENT

FY 2019 - FY 2024 Capital Improvement Program Projects

Loudoun County Pkwy Widening (Ryan Rd to Shellhorn Rd)

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2018-053
Loudoun County Office of Mapping
and Geographic Information



Moorefield Boulevard – Mooreview Parkway to Moorefield Station

Project Description

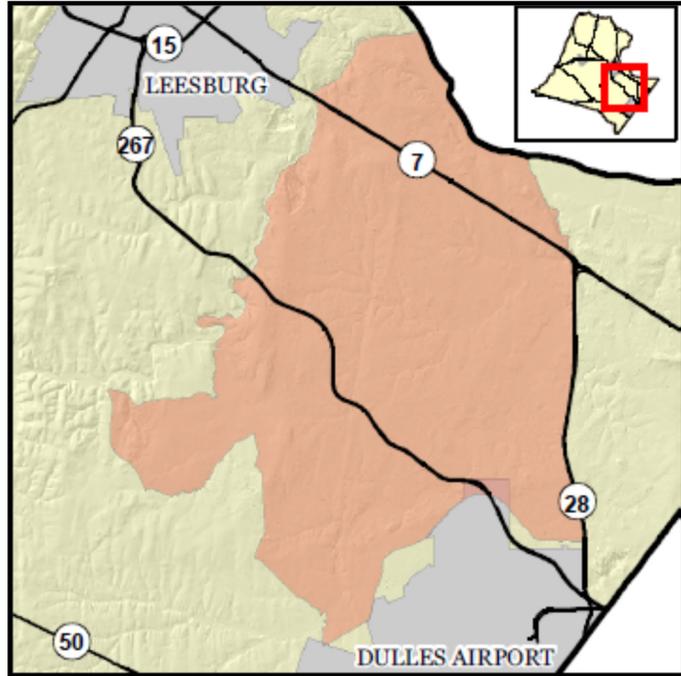
This project provides for the planning, design, right-of-way acquisition, and construction of an approximately 600-foot segment of Moorefield Boulevard between Mooreview Parkway (opposite the Dulles Greenway eastbound off-ramp at Exit 6) and the Moorefield Station development, following a portion of the existing alignment of Old Ryan Road. The proposed four-lane roadway will improve access to the Ashburn Metrorail Station and will tie into Moorefield Boulevard improvements proffered by Moorefield Station immediately to the east. The roadway will be a four-lane urban section with turn lanes and bicycle/pedestrian facilities along both sides.

The road will be designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

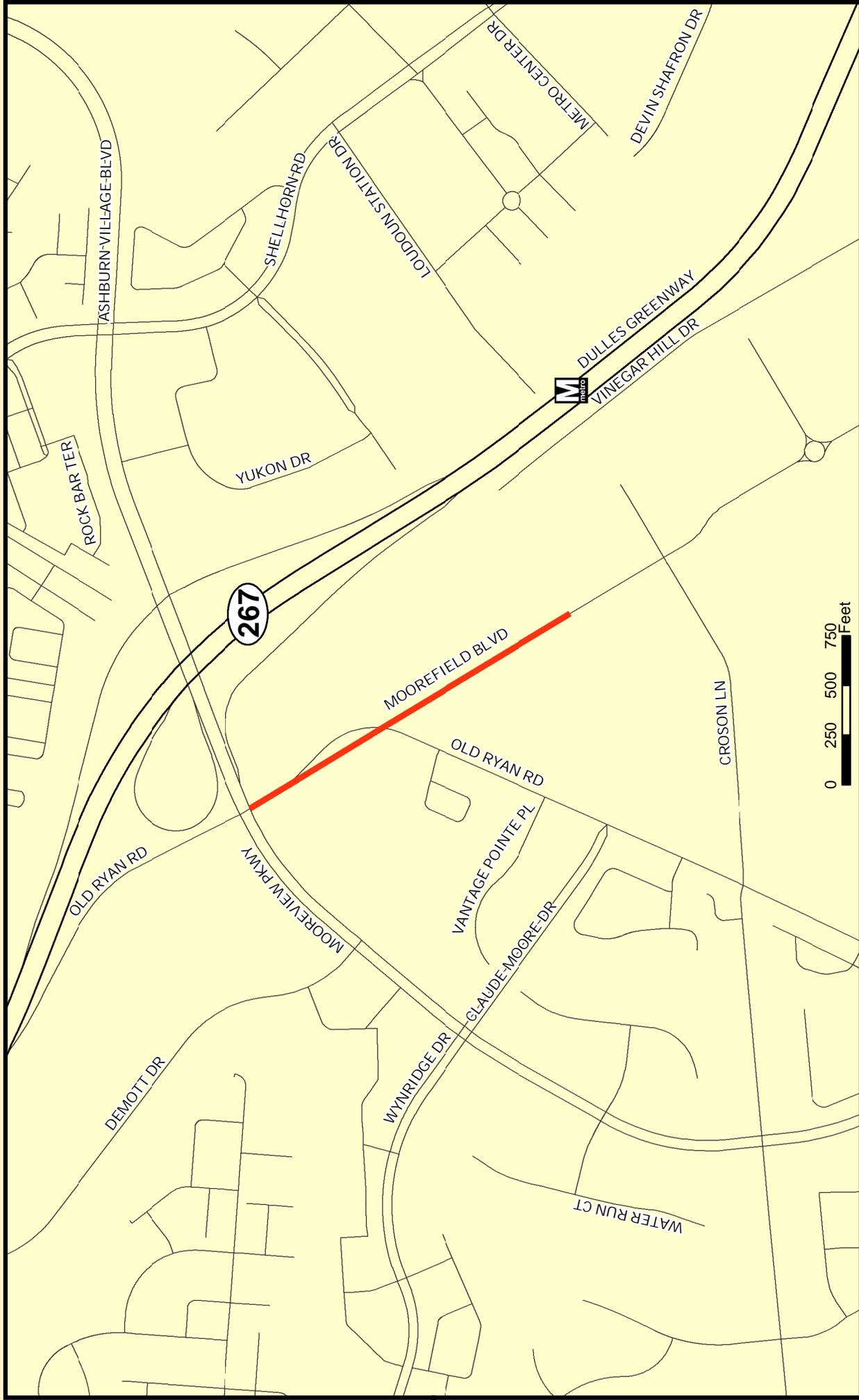
All proposed uses of NVTA 30% local funding on County road projects are subject to allocation of the funds to the County by NVTA.

Election District

Broad Run



Capital (\$ in 1000s)	Prior Alloc.	FY						6 Year	Future	Project
		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	4,340	-	-	-	-	-	4,340	-	4,340
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	4,340	-	-	-	-	-	4,340	-	4,340
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	4,340	-	-	-	-	-	4,340	-	4,340
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	4,340	-	-	-	-	-	4,340	-	4,340



Map Number 2018-007
 Loudoun County Office of Mapping
 and Geographic Information

LOUDOUN COUNTY GOVERNMENT

FY 2019 - FY 2024 Capital Improvement Program Projects

MOOREFIELD BOULEVARD

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.





Northstar Boulevard – Shreveport Drive to Route 50

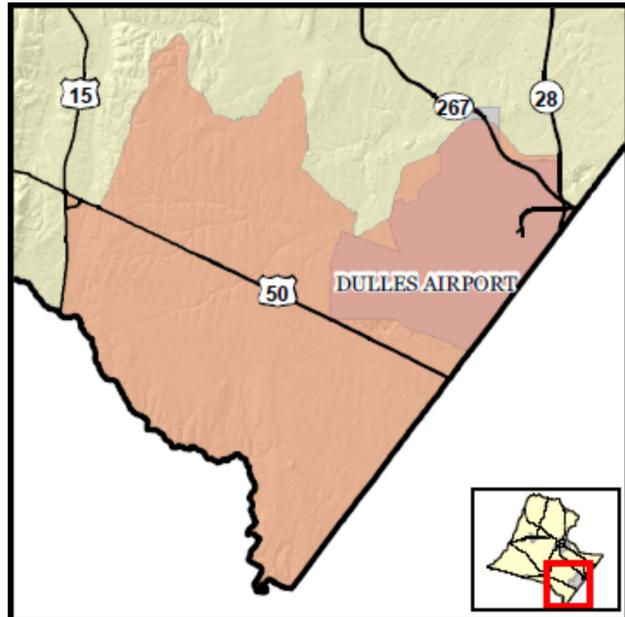
Project Description – C02044

This project provides for the planning, design, right-of-way acquisition, and construction of a minor arterial roadway between Shreveport Drive (Route 621) and Route 50. The project entails the construction of a controlled-access four-lane divided roadway, within a 120-foot right-of-way, and intersection improvements at the future Dulles West Boulevard for an estimated length 1.59 miles.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This is a planned roadway included in the 2010 Countywide Transportation Plan. The segment of right-of-way between Shreveport Drive and Evergreen Mills Road is proffered to the County from the Brambleton development.

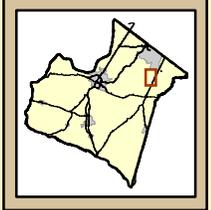
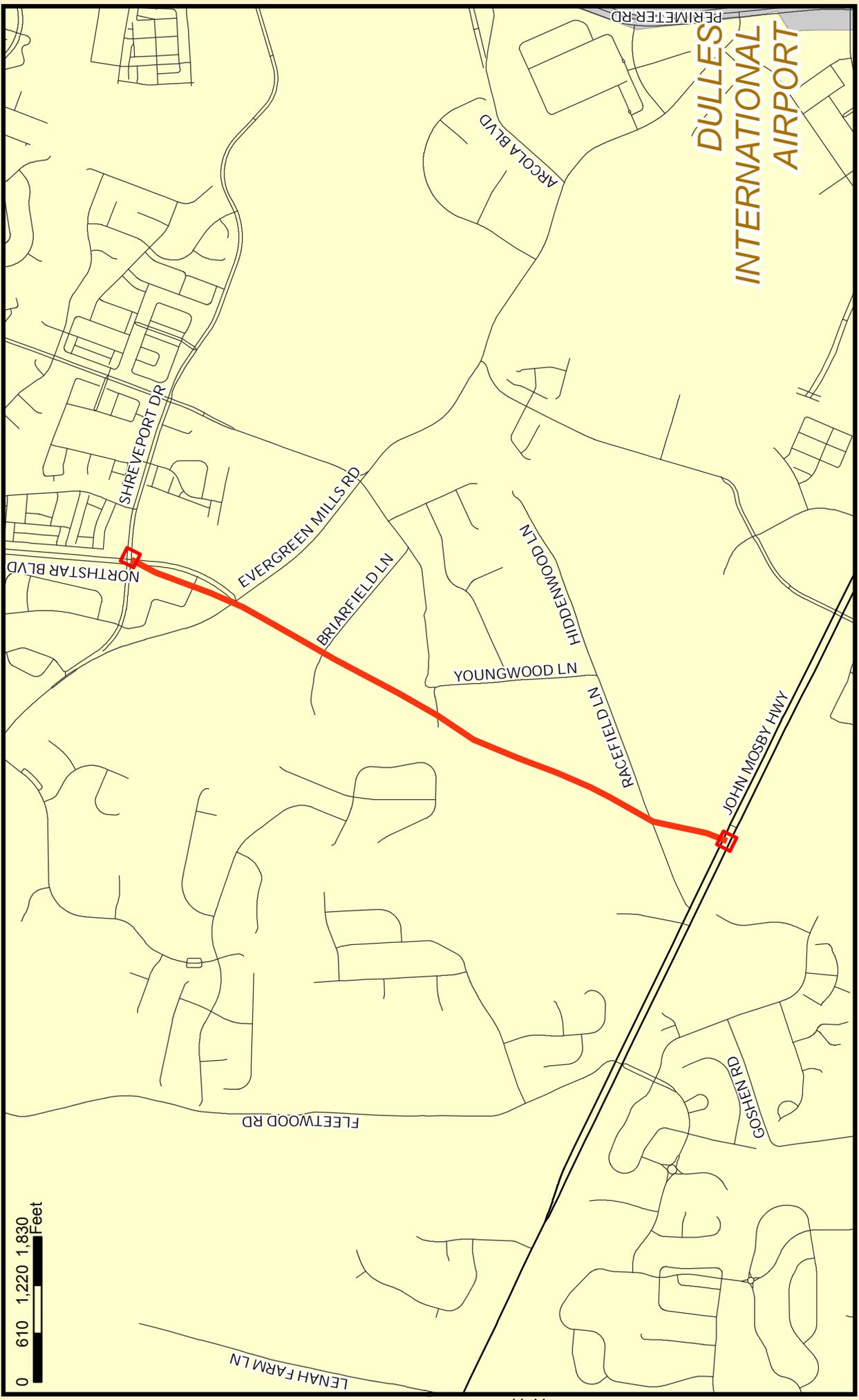
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.



Election District

Blue Ridge

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	6,259	-	7,288	-	-	-	-	7,288	-	13,547
Professional Services	5,200	-	-	-	-	-	-	-	-	5,200
Construction	11,196	-	-	-	23,644	10,000	24,500	58,144	-	69,340
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	22,655	-	7,288	-	23,644	10,000	24,500	65,432	-	88,087
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	3,300	-	7,288	-	-	-	-	7,288	-	10,588
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	9,600	-	-	-	-	-	-	-	-	9,600
NVTA 70%	-	-	-	-	23,644	10,000	24,500	58,144	-	58,144
NVTA 30%	9,755	-	-	-	-	-	-	-	-	9,755
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	22,655	-	7,288	-	23,644	10,000	24,500	65,432	-	88,087



LOUDOUN COUNTY GOVERNMENT

FY 2019 – FY 2024 Capital Improvement Program Projects

NORTHSTAR BLVD - SHREVEPORT DR TO RT 50

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2014-062

Loudoun County Office of Mapping and Geographic Information





Northstar Boulevard – Route 50 to Tall Cedars Parkway

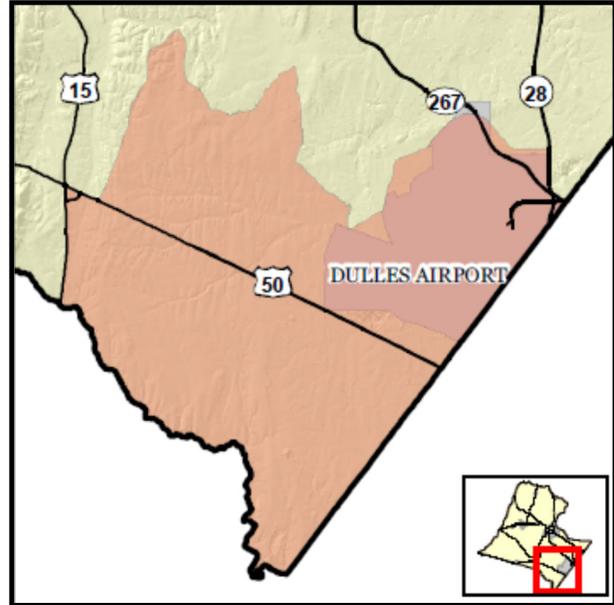
Project Description – C02082

This project provides for the planning, design, right-of-way acquisition, and construction of a minor arterial roadway from John Mosby Highway (Route 50) to Tall Cedars Parkway (Route 2200). The project entails the construction of a controlled-access, four-lane divided roadway within a 120-foot right-of-way.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This is a planned roadway included in the 2010 Countywide Transportation Plan. A portion of the right-of-way has been reserved, but not dedicated. Design was initiated in August 2015.

State Revenue Sharing and NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of State Revenue Sharing and NVTA 70% regional funding on County road projects are subject to award of the funding to the County by VDOT and NVTA, respectively. All proposed uses of NVTA 30% local funding on County road projects are subject to allocation of the funds to the County by NVTA.



Election District

Dulles

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	6,500	-	-	-	-	-	-	-	-	6,500
Professional Services	5,432	-	-	-	-	-	-	-	-	5,432
Construction	-	5,000	29,992	-	-	-	-	34,992	-	34,992
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	11,932	5,000	29,992	-	-	-	-	34,992	-	46,924
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	732	-	-	-	-	-	-	-	-	732
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	2,350	-	5,000	-	-	-	-	5,000	-	7,350
NVTA 70%	6,500	-	24,992	-	-	-	-	24,992	-	31,492
NVTA 30%	2,350	5,000	-	-	-	-	-	5,000	-	7,350
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	11,932	5,000	29,992	-	-	-	-	34,992	-	46,924



LOUDOUN COUNTY GOVERNMENT

FY 2019 – FY 2024 Capital Improvement Program Projects

NORTHSTAR BLVD - RT 50 TO TALL CEDARS PKWY

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-043
 Loudoun County Office of Mapping
 and Geographic Information



Northstar Boulevard – Tall Cedars Parkway to Braddock Road

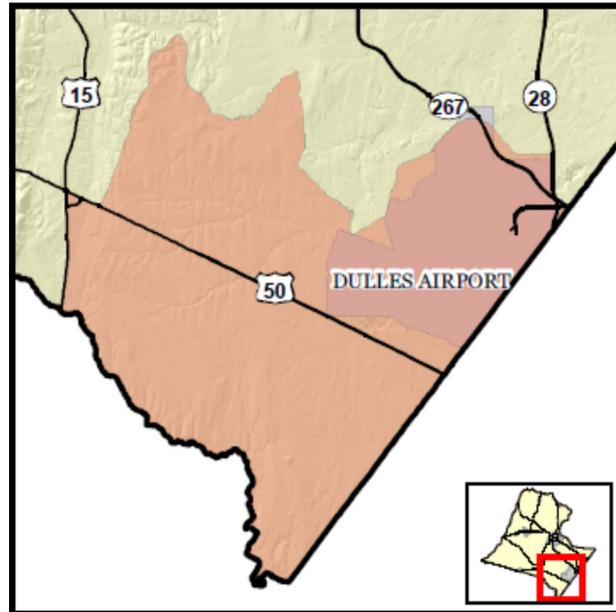
Project Description

This project provides for the planning, design, and construction of two lanes of a minor arterial roadway between Tall Cedars Parkway (Route 2200) to Braddock Road (Route 620), for an estimated length of 1.1 miles. Two lanes of this proposed four-lane road have been previously constructed.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This is a planned roadway included in the 2010 Countywide Transportation Plan. The primary right-of-way, 120 feet in width, has been dedicated for this road segment.

NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. This project is also funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.

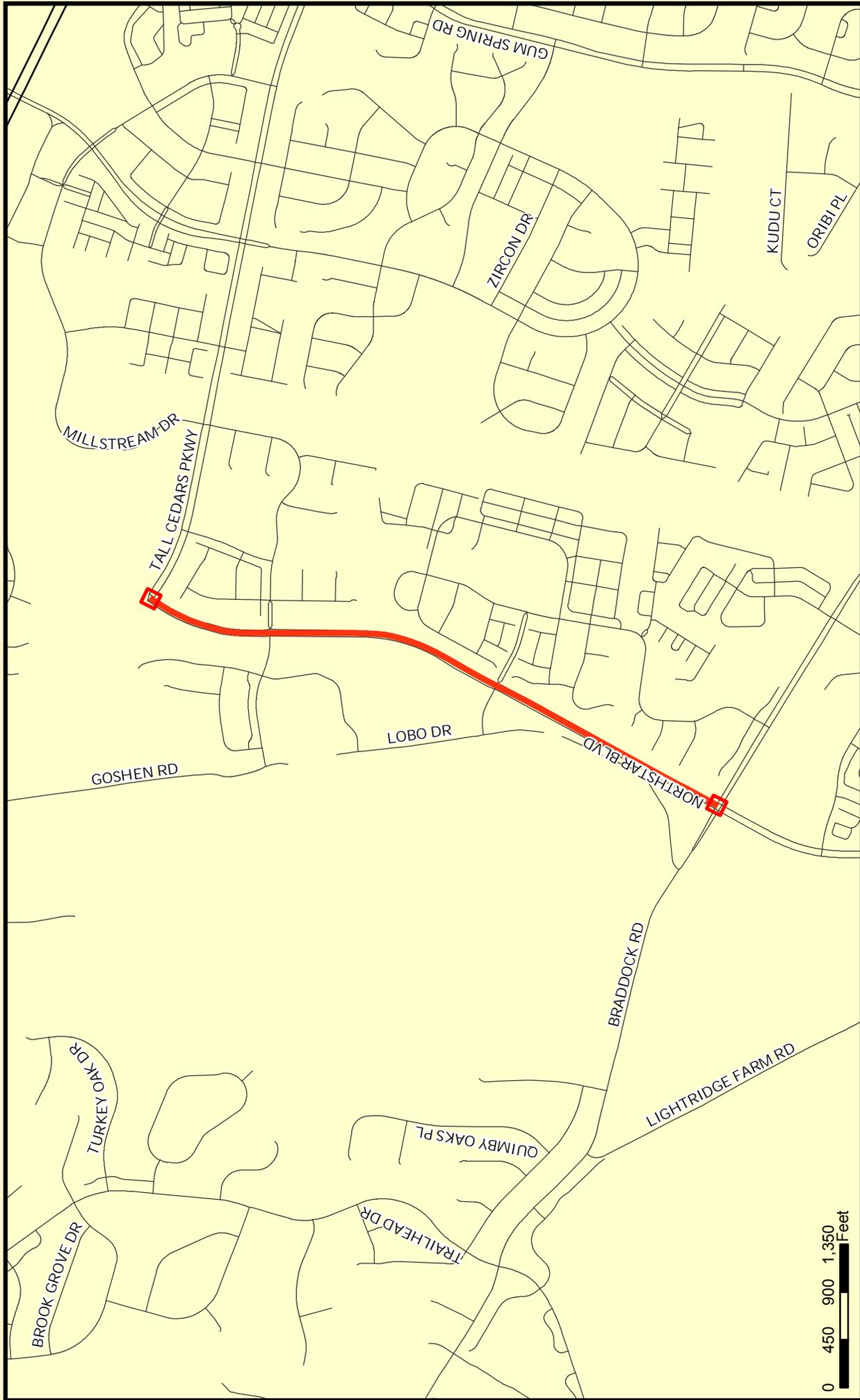


Election District

Dulles

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	2,693	-	-	2,693	-	2,693
Construction	-	-	-	-	-	-	25,675	25,675	-	25,675
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	2,693	-	25,675	28,368	-	28,368
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	2,500	-	-	2,500	-	2,500
Proffers (Cash)	-	-	-	-	193	-	-	193	-	193
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	25,675	25,675	-	25,675
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	2,693	-	25,675	28,368	-	28,368

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	161	246	407
Total Impact	-	-	-	-	161	246	407



LOUDOUN COUNTY GOVERNMENT

FY 2019 – FY 2024 CAPITAL IMPROVEMENT PROGRAM PROJECTS

NORTHSTAR BLVD - TALL CEDARS PKWY TO BRADDOCK RD

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2018-032
 Loudoun County Office of Mapping
 and Geographic Information



Prentice Drive

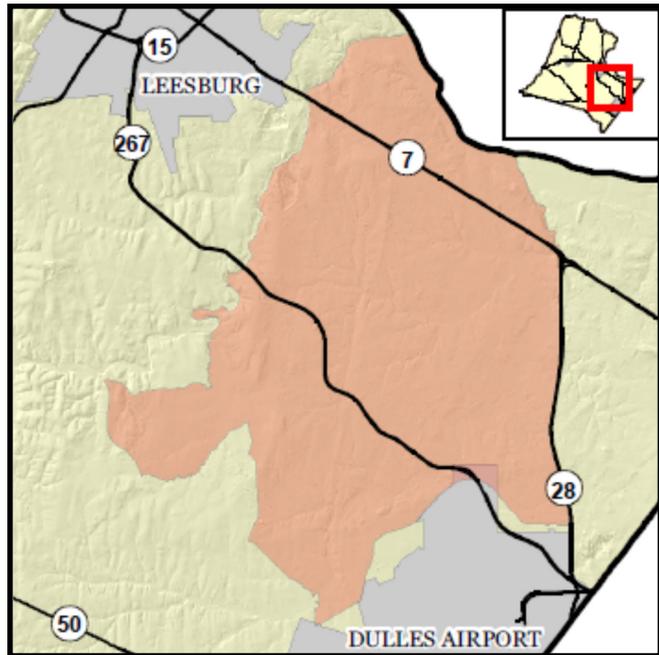
Project Description – C02124

This project provides for the planning, design, right-of-way acquisition, and construction of Prentice Drive (Route 1071) from Lockridge Road (Route 789) to Shellhorn Road (Route 643) at its intersection with Metro Center Drive and a new road between Prentice Drive and Waxpool Road. The estimated length of this project is 1.65 miles.

The project was recommended as an essential road to provide connectivity to the Ashburn Metrorail Station. Both roadways will be designed as four-lane urban major collectors, with associated turn lanes and bicycle and pedestrian facilities. Both roadways are identified in the 2010 Countywide Transportation Plan (CTP).

These roads are being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. This project is also funded using general obligation bonds, authorization to sell general obligation bonds will be scheduled for placement on the November 2018 referendum.



Election District

Broad Run

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	18,000	5,000	-	-	-	23,000	-	23,000
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	9,000	-	-	-	33,425	30,000	5,000	68,425	-	77,425
Furniture, Fixtures & Equ	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	1,900	-	-	-	1,900	-	1,900
Total Cost	9,000	-	18,000	6,900	33,425	30,000	5,000	93,325	-	102,325
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roac	-	-	-	3,400	1,695	-	-	5,095	-	5,095
Fund Balance	9,000	-	-	-	-	-	-	-	-	9,000
General Obligation Bonds	-	-	12,000	-	-	-	-	12,000	-	12,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	6,000	3,500	31,730	30,000	5,000	76,230	-	76,230
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	9,000	-	18,000	6,900	33,425	30,000	5,000	93,325	-	102,325
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	400	790	1,170	1,140	3,500		
Total Impact		-	-	400	790	1,170	1,140	3,500		



Route 15 & Braddock Road – Roundabout

Project Description

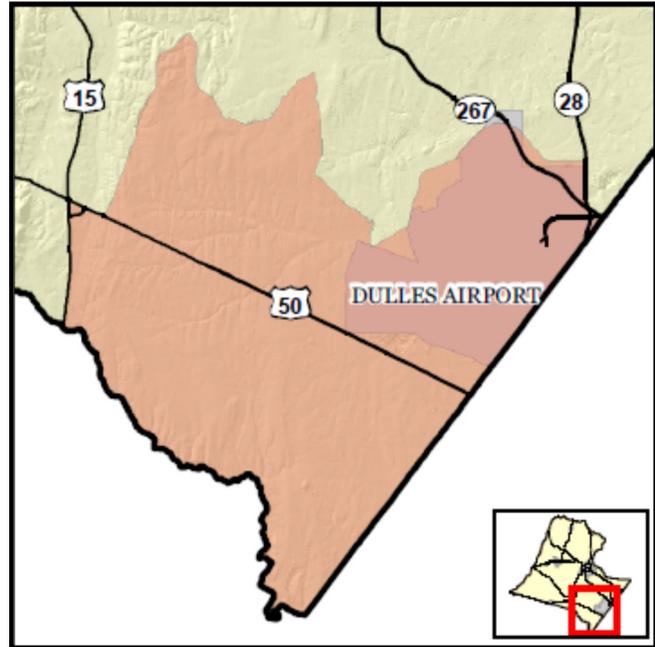
This project provides for the planning, design, right-of-way acquisition, and construction of a roundabout at the intersection of Route 15 and Braddock Road (Route 705).

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2022 referendum.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
	Alloc.									
Land	-	-	-	-	-	-	-	-	2,190	2,190
Professional Services	-	-	-	-	-	-	1,015	1,015	-	1,015
Construction	-	-	-	-	-	-	-	-	8,290	8,290
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,015	1,015	10,480	11,495
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,015	1,015	10,480	11,495
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	1,015	1,015	10,480	11,495



LOUDOUN COUNTY GOVERNMENT

FY 2019 - FY 2024 Capital Improvement Program Projects

Rt 15/Braddock Rd Roundabout

Map Number 2018-054
 Loudoun County Office of Mapping
 and Geographic Information

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Route 15 Bypass/Edwards Ferry Road – Interchange

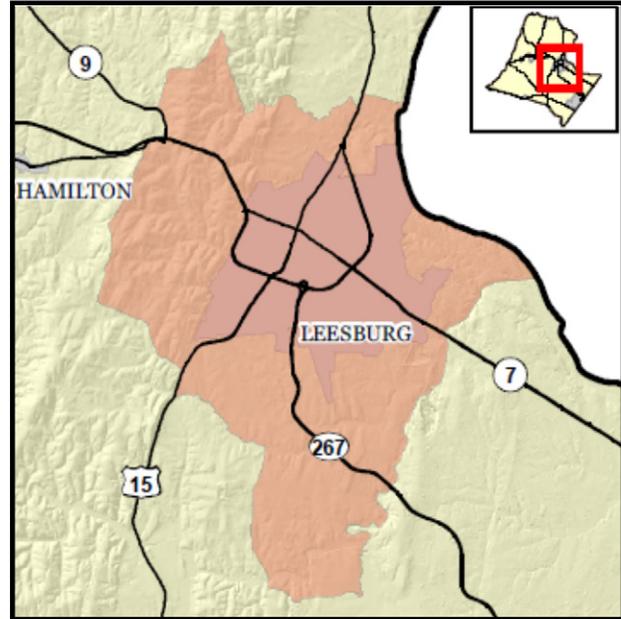
Project Description – C02081

This project provides funding for traffic engineering and an Interchange Justification Report (IJR) for an interchange at the Route 15 Bypass and Edwards Ferry Road (Route 773) in the Town of Leesburg, an estimated length of 0.89 miles. The Town identified its interchange priorities to include this project, Route 15 at Battlefield Parkway, and Route 7 at Battlefield Parkway.

The intersection of the Route 15 bypass at Edwards Ferry Road is frequently congested in the afternoon peak traffic period.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance. This project is being administered by the Town of Leesburg.

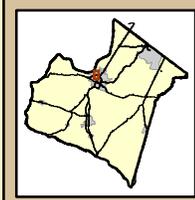
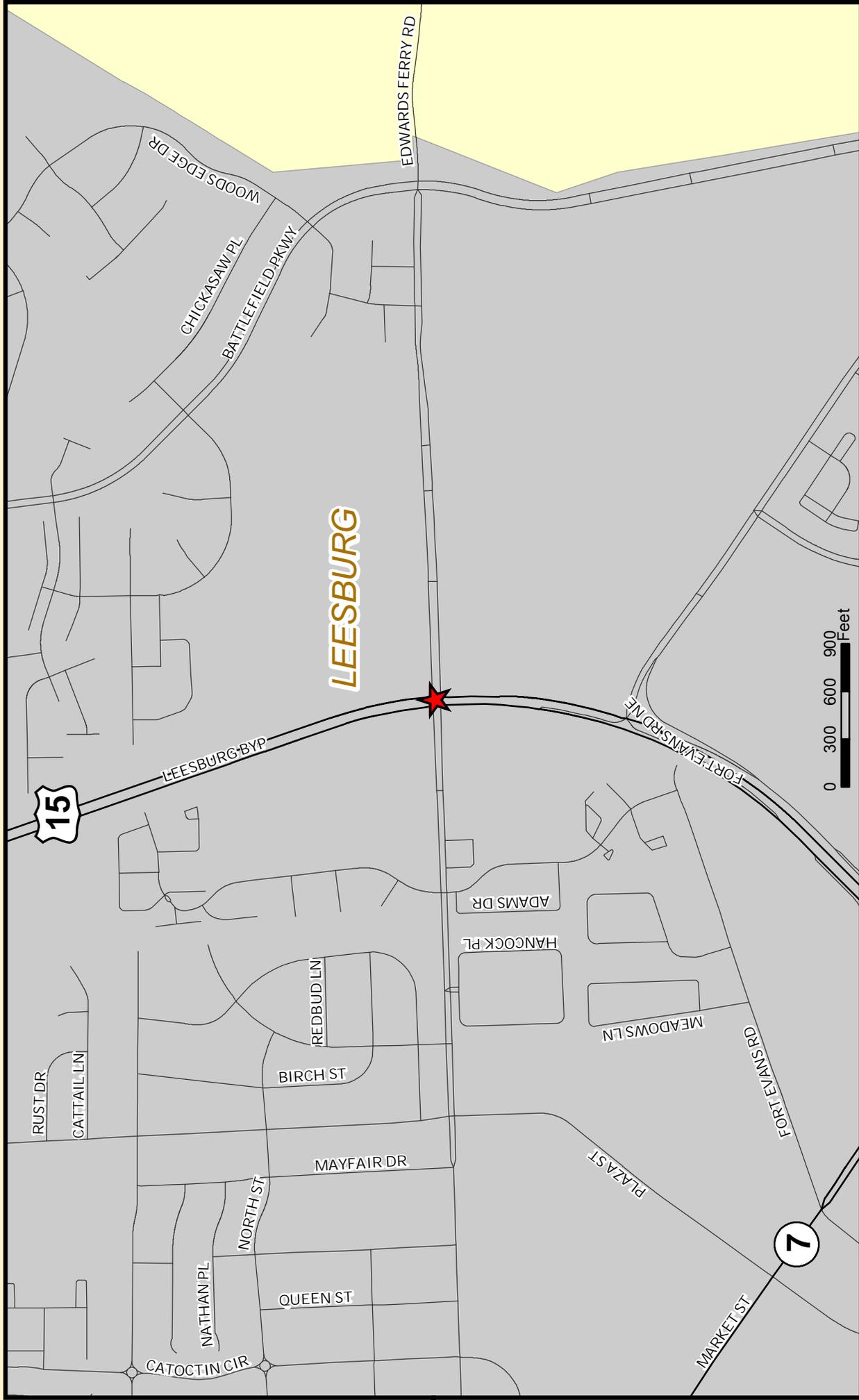
This project is funded using Regional Surface Transportation Program (RSTP) grant funds. The funding is competitive and is subject to award by NVTA.



Election District

Leesburg

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	2,000	-	-	-	-	-	-	-	-	2,000
Construction	-	-	-	1,200	1,500	-	1,700	4,400	-	4,400
Furniture, Fixtures & Eq.	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	2,000	-	-	1,200	1,500	-	1,700	4,400	-	6,400
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roa	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bond:	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	1,200	1,500	-	1,700	4,400	-	4,400
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	2,000	-	-	-	-	-	-	-	-	2,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financin	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	2,000	-	-	1,200	1,500	-	1,700	4,400	-	6,400



LOUDOUN COUNTY GOVERNMENT
 FY 2019 – FY 2024 Capital Improvement Program Projects
ROUTE 15 BYPASS AND EDWARDS FERRY RD INTERCHANGE
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-021
 Loudoun County Office of Mapping and Geographic Information





Route 15 Bypass to Montresor Road

Project Description

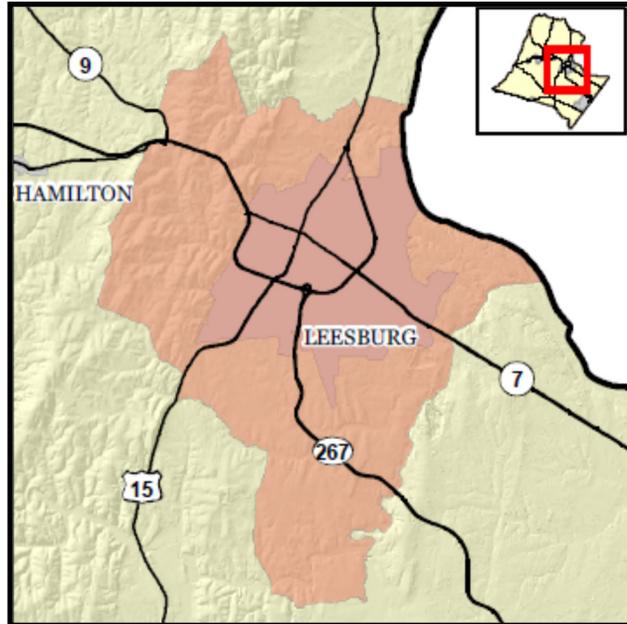
This project provides funding for planning, design, right-of-way acquisition, and widening of Route 15 from two to four lanes from the Town of Leesburg to Montresor Road (Route 661).

This section of Route 15 is frequently congested during the morning and afternoon peak traffic periods.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.

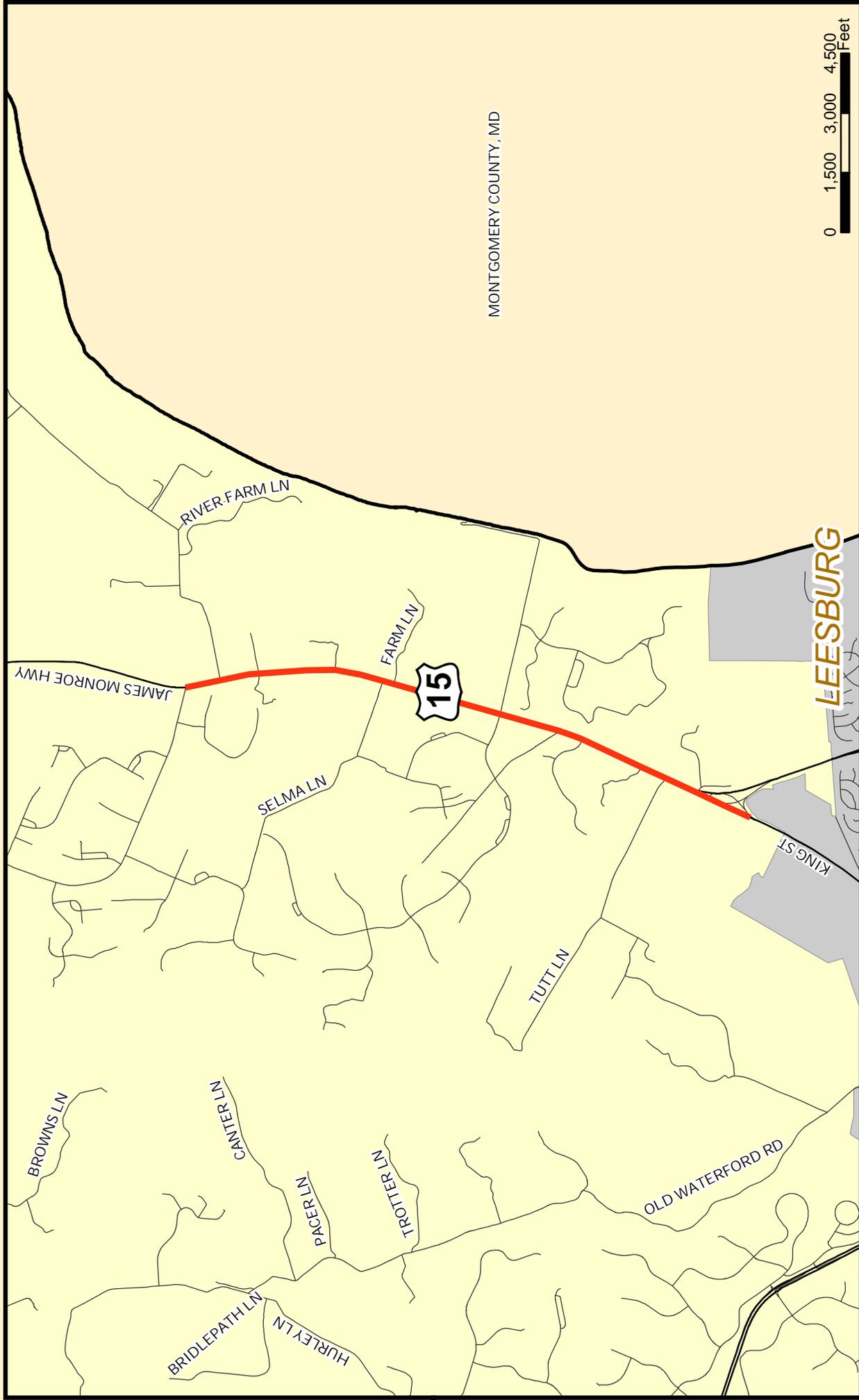
This project is also funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.



Election District

Catoctin, Leesburg

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	6,000	-	-	-	6,000	-	6,000
Professional Services	-	3,500	-	-	-	-	-	3,500	-	3,500
Construction	-	-	-	-	11,592	57,841	-	69,433	-	69,433
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	3,500	-	6,000	11,592	57,841	-	78,933	-	78,933
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	3,500	-	-	-	5,665	-	9,165	-	9,165
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	5,592	10,176	-	15,768	-	15,768
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	6,000	6,000	42,000	-	54,000	-	54,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	3,500	-	6,000	11,592	57,841	-	78,933	-	78,933



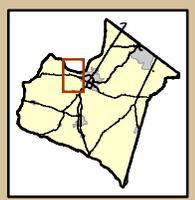
Map Number 2018-016
 Loudoun County Office of Mapping
 and Geographic Information

LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvements Program Projects

ROUTE 15 (LEESBURG TO MONTRESOR RD)

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.





Route 28 Northbound – Dulles Toll Road to Sterling Boulevard

Project Description

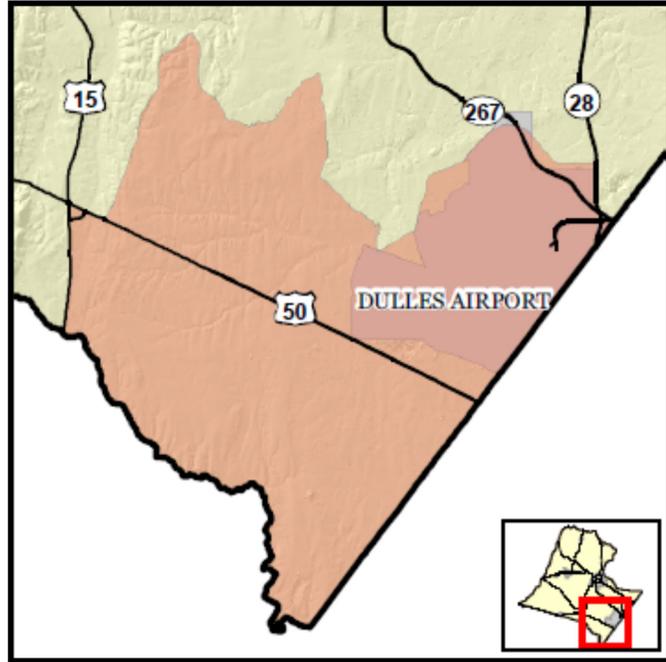
This project provides for the planning, design, right-of-way acquisition, and construction of a fourth lane along north bound Route 28 from Dulles Toll Road to Sterling Boulevard.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.

Election District

Dulles, Broad Run



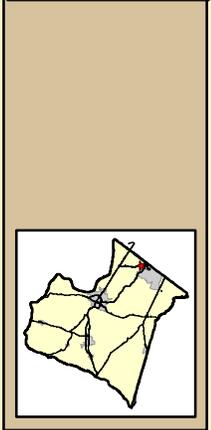
Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	20,000	-	-	-	-	-	20,000	-	20,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	20,000	-	-	-	-	-	20,000	-	20,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	20,000	-	-	-	-	-	20,000	-	20,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	20,000	-	-	-	-	-	20,000	-	20,000



Map Number 2018-055
 Loudoun County Office of Mapping
 and Geographic Information

LOUDOUN COUNTY GOVERNMENT

FY 2019 - FY 2024 Capital Improvement Program Projects
 Rt 28 Northbound (Dulles Toll Road to Sterling Blvd)



The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Route 50 & Everfield Drive – Roundabout

Project Description

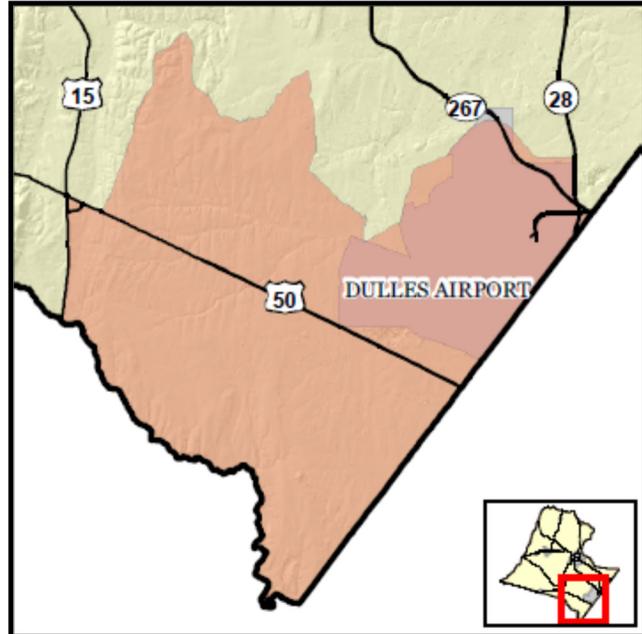
This project provides for the planning, design, right-of-way acquisition, and construction of a roundabout at the intersection of Route 50 and Everfield Drive (Route 3423), an estimated length of 0.25 miles.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2022 referendum.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	2,190	2,190
Professional Services	-	-	-	-	-	-	1,015	1,015	-	1,015
Construction	-	-	-	-	-	-	-	-	8,290	8,290
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,015	1,015	10,480	11,495
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,015	1,015	10,480	11,495
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	1,015	1,015	10,480	11,495



LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvements Program Projects

ROUTE 50 AND EVERFIELD DR INTERSECTION

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2018-015
 Loudoun County Office of Mapping
 and Geographic Information



Route 50 & Route 606 – Interchange

Project Description

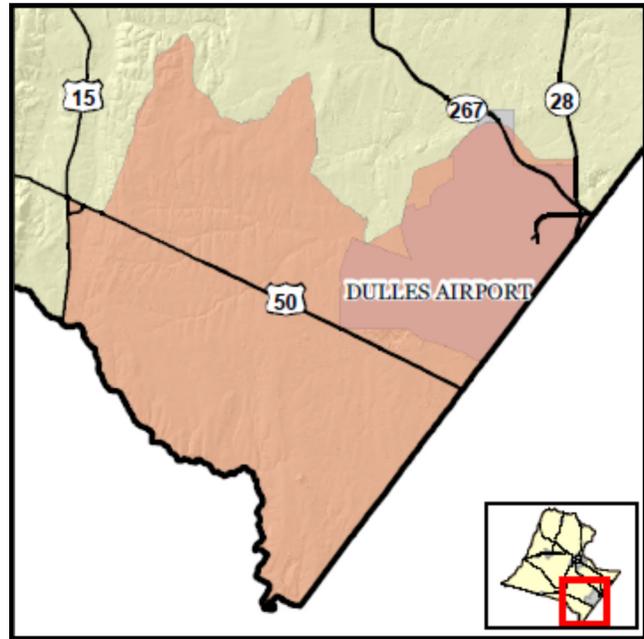
This project provides for the planning, design, right-of-way acquisition, and construction of an interchange at the intersection of Route 50 and Loudoun County Parkway (Route 606) with an estimated distance of 1.95 miles.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

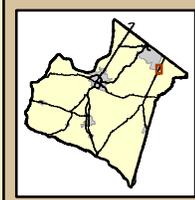
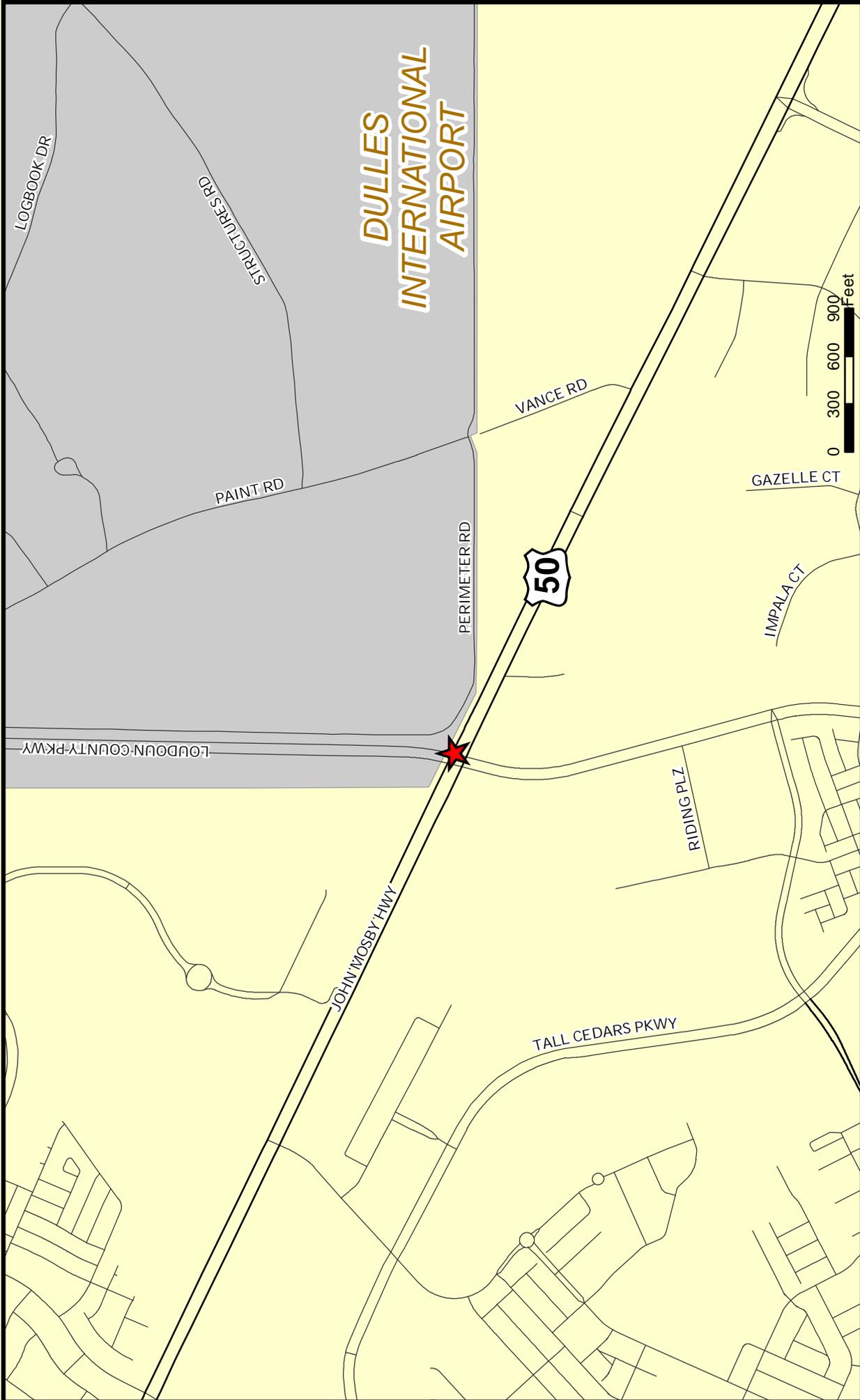
This project is to be funded in a future fiscal year.

Election District

Blue Ridge, Dulles



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	500,000	500,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	500,000	500,000							
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	500,000	500,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	500,000	500,000							



LOUDOUN COUNTY GOVERNMENT
 FY 2019- FY 2024 Capital Improvements Program Projects
ROUTE 50 AND ROUTE 606 INTERSECTION
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-014
 Loudoun County Office of Mapping and Geographic Information



Route 50 & Trailhead Drive – Roundabout

Project Description

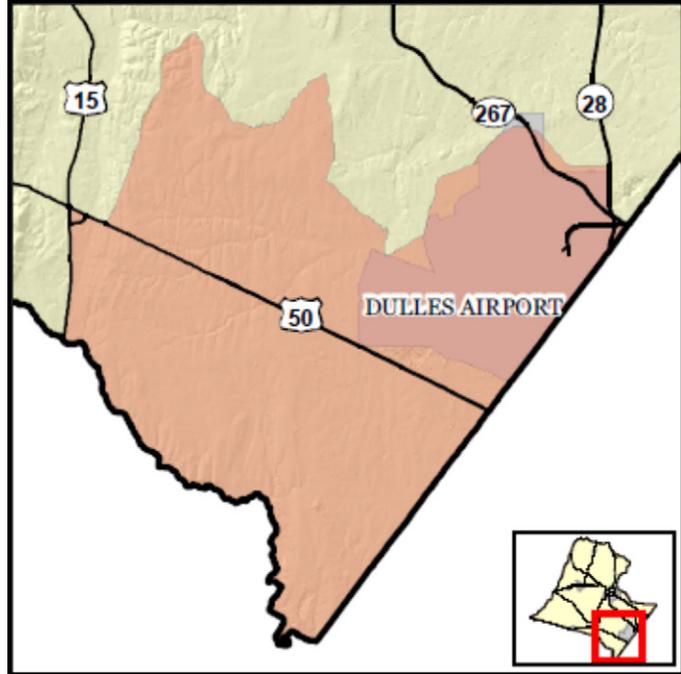
This project provides for the planning, design, right-of-way acquisition, and construction of a roundabout at the intersection of Route 50 and Trailhead Drive (Route 3395).

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2020 referendum.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	1,290	-	1,290	-	1,290
Professional Services	-	-	-	-	1,215	-	-	1,215	-	1,215
Construction	-	-	-	-	-	-	7,495	7,495	-	7,495
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	1,215	1,290	7,495	10,000	-	10,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	1,215	1,290	7,495	10,000	-	10,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	1,215	1,290	7,495	10,000	-	10,000
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	121	247	368		
Total Impact		-	-	-	-	121	247	368		



LOUDOUN COUNTY GOVERNMENT

FY 2019 - FY 2024 Capital Improvement Program Projects

Route 50/Trailhead Dr Roundabout

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2018-056
Loudoun County Office of Mapping
and Geographic Information



Route 50 Corridor Improvements

Project Description

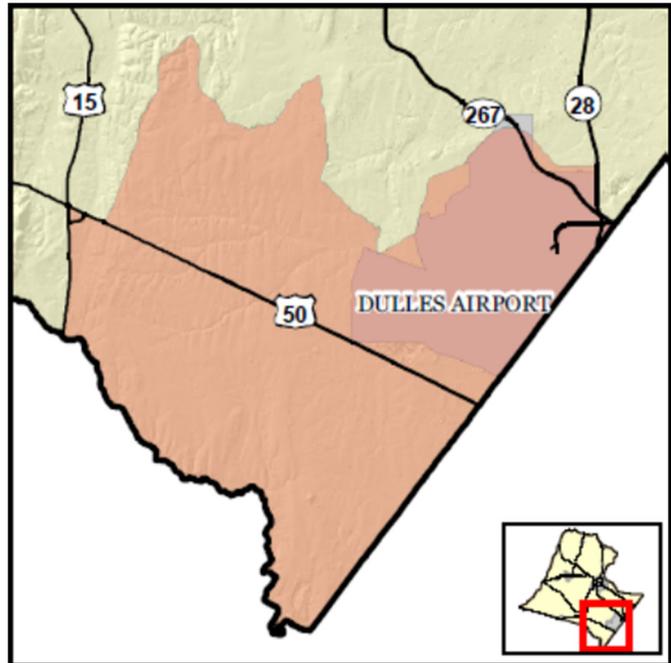
This project provides for the planning, design, right-of-way acquisition, and construction of intersection improvements on Route 50 at Gateway Village Place (3376) and Medial Drive, Loudoun County Parkway (Route 606), Tall Cedars Parkway (Route 2200), and Pleasant Valley Road (Route 609), an estimated distance of five miles.

These improvements are being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2018 referendum.

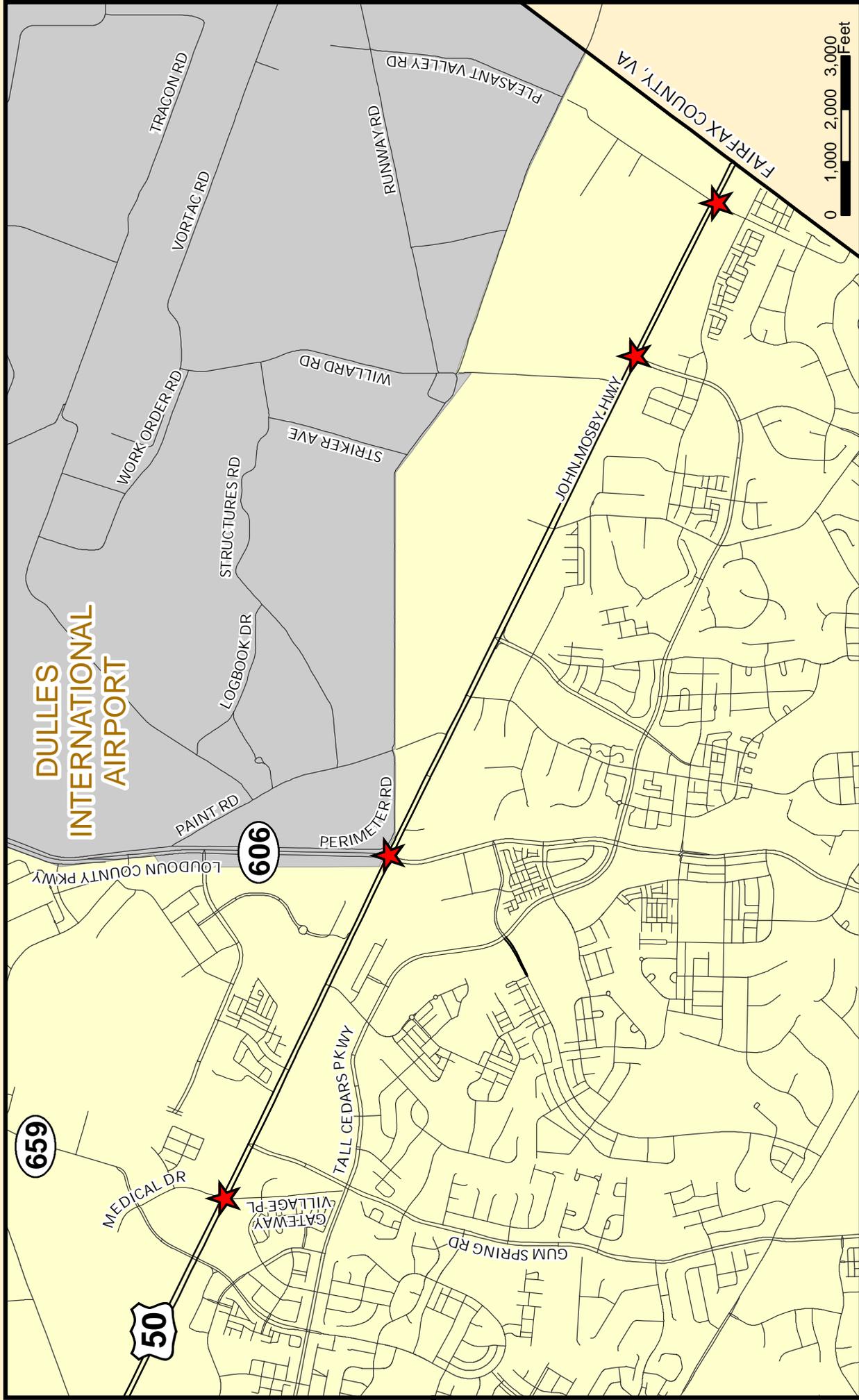
Election District

Dulles



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	645	-	-	-	-	-	645	-	645
Construction	-	-	6,125	-	-	-	-	6,125	-	6,125
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	645	6,125	-	-	-	-	6,770	-	6,770
Local Tax Funding	-	-	3,000	-	-	-	-	3,000	-	3,000
Local Tax Funding - Roads	-	645	-	-	-	-	-	645	-	645
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	3,125	-	-	-	-	3,125	-	3,125
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	645	6,125	-	-	-	-	6,770	-	6,770

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	311	304	296	288	1,199
Total Impact	-	-	311	304	296	288	1,199



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

Route 50 Corridor Improvements

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2018-067
 Loudoun County Office of Mapping
 and Geographic Information



Route 50 North Collector Road – Air & Space Museum Parkway to Tall Cedars Parkway

Project Description

This project provides funding for planning, design, right of way acquisition, and construction of a roadway from Air and Space Museum Parkway to Tall Cedars Parkway. The project entails construction of a four-lane median divided roadway within a 120-foot right-of-way. Where portions of the roadway are located on MWAA property, the facility will be required to be placed in an easement.

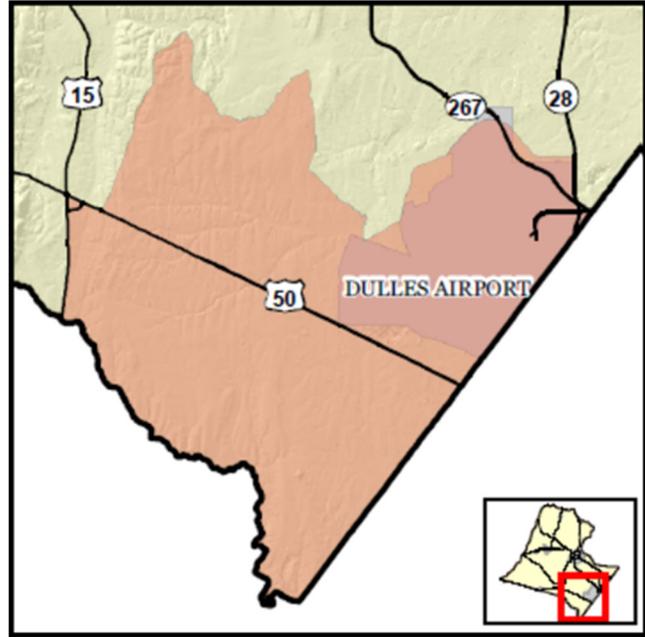
This project will be designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This planned roadway is conceptual and not included in the 2010 Countywide Transportation plan.

This project is funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.

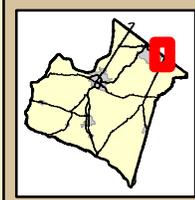
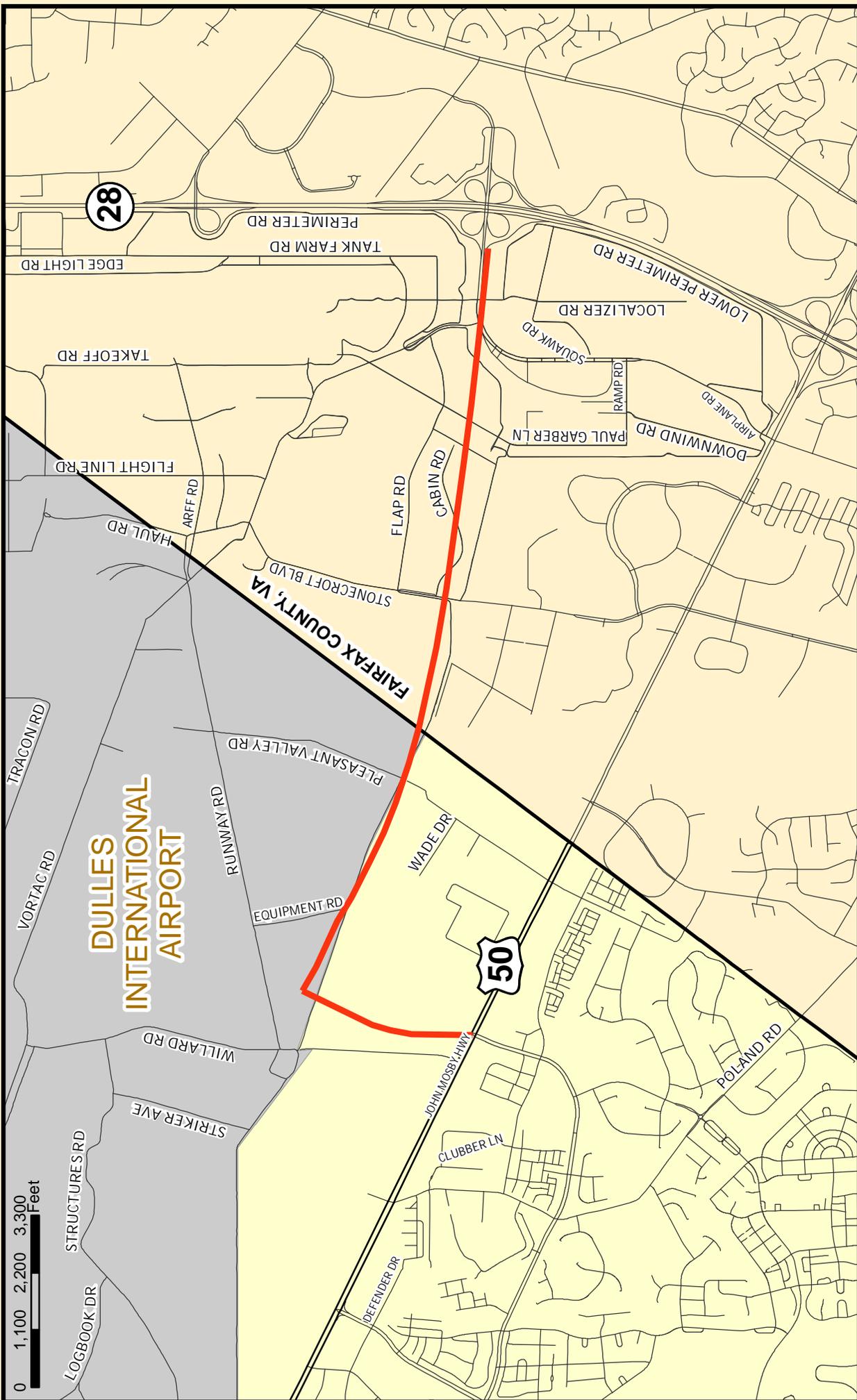
Election District

Dulles



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	36,800	36,800	-	36,800
Professional Services	-	-	-	-	8,190	-	-	8,190	-	8,190
Construction	-	-	-	-	-	-	-	-	47,720	47,720
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	8,190	-	36,800	44,990	47,720	92,710
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	5,695	5,695	-	5,695
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	8,190	-	31,105	39,295	47,720	87,015
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	8,190	-	36,800	44,990	47,720	92,710

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	410	809	1,219
Total Impact	-	-	-	-	410	809	1,219



LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvements Program Projects

Route 50 North Collector Road (Air & Space to Tall Cedars Pkwy)

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-070

Loudoun County Office of Mapping and Geographic Information





Route 50 North Collector Road – Tall Cedars Parkway to Loudoun County Parkway

Project Description

This project provides funding for planning, design, right of way acquisition and construction of a roadway from Tall Cedars Parkway extended north, to Loudoun County Parkway. The project entails construction of a four-lane median divided roadway within a 120-foot right-of-way. Where portions of the roadway are located on MWAA property, the facility will be required to be placed in an easement.

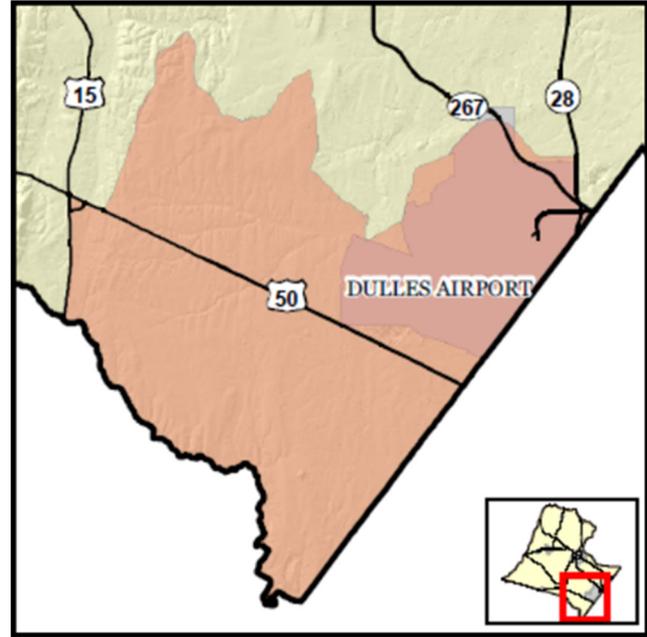
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This planned roadway is conceptual and not included in the 2010 Countywide Transportation plan.

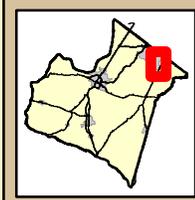
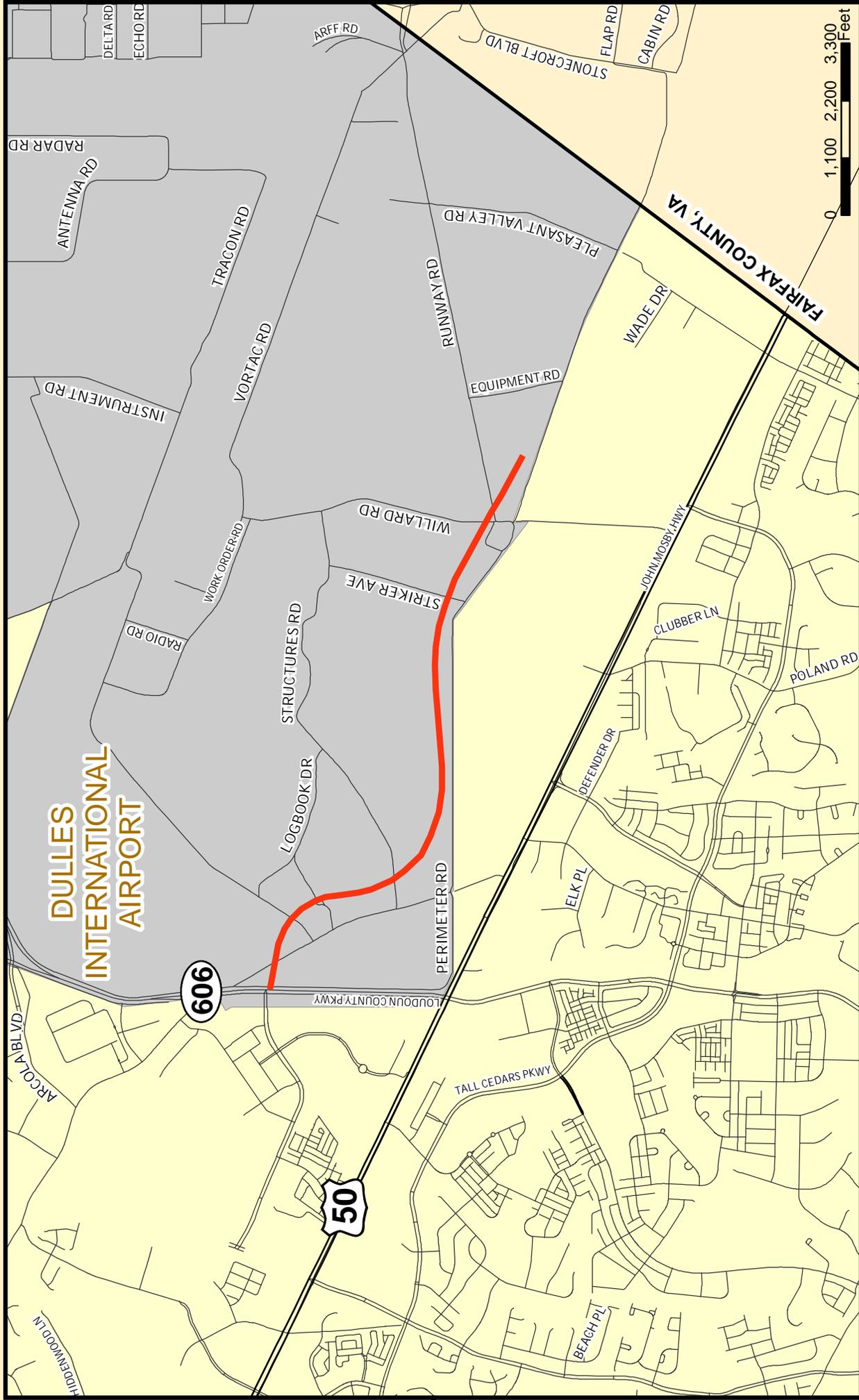
This project is funded using general obligation bonds that will be scheduled for placement on the November 2024 referendum.

Election District

Dulles



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
	Alloc.									
Land	-	-	-	-	-	-	-	-	18,500	18,500
Professional Services	-	-	-	-	-	-	-	-	6,845	6,845
Construction	-	-	-	-	-	-	-	-	52,035	52,035
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	77,380	77,380
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	77,380	77,380
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	77,380	77,380



LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvements Program Projects

Route 50 North Collector Road (Tall Cedars Pkwy to Loudoun County Pkwy)

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-069

Loudoun County Office of Mapping and Geographic Information



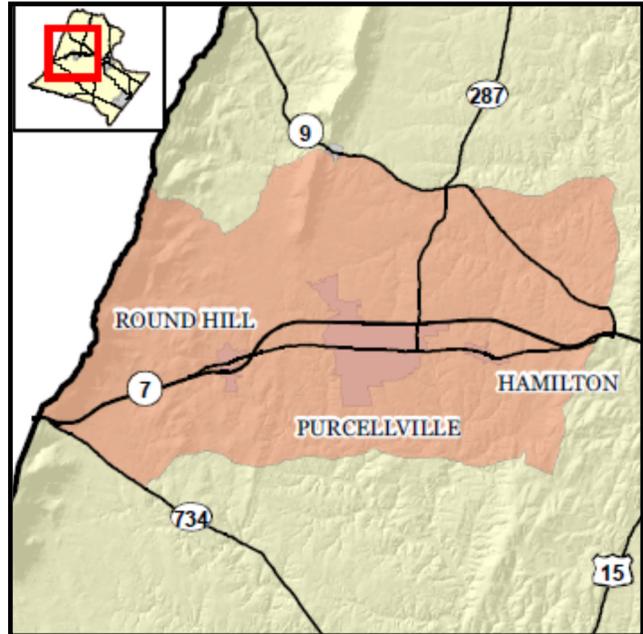
Route 7 & Hillsboro Road – Interchange

Project Description – C00196

This project provides for the preliminary design (30%), surveys, environmental and geotechnical due diligence, an Interchange Justification Report (IJR), and construction of an interchange at Route 7 and the Hillsboro Road (Route 690) overpass west of Purcellville. The estimated length of the project is 1.46 miles. The reports and design will be coordinated with VDOT, the Federal Highway Administration (FHWA), the Town of Purcellville and local residents. FHWA involvement is required because Route 7 in this vicinity is part of the National Highway System (NHS) and is a limited-access road.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

This project is funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum. All proposed uses of NVTA 30% local funding on County road projects are subject to allocation of the funds to the County by NVTA. Smart Scale funds are awarded on a competitive basis by VDOT. The amounts included reflect Loudoun County's award for the VDOT FY 2018 – FY 2023 Six-Year Improvement Plan.

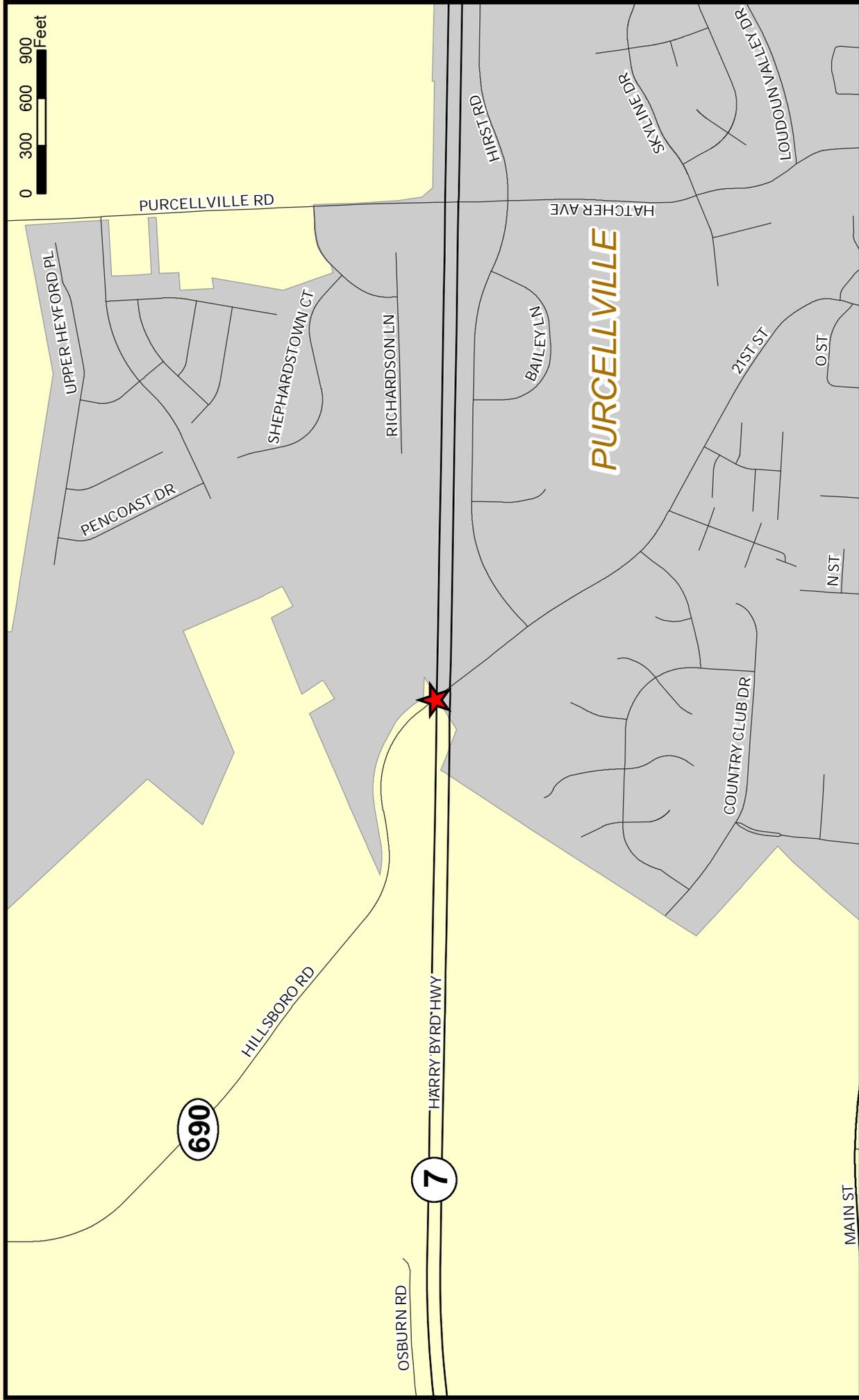


Election District

Blue Ridge

Capital (\$ in 1000s)	Prior								6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024				
Land	2,000	-	-	-	-	-	-	-	-	-	2,000
Professional Services	5,500	-	-	-	-	-	-	-	-	-	5,500
Construction	-	-	3,845	19,420	5,500	4,065	-	32,830	-	-	32,830
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-	-
Other	-	405	-	-	-	-	-	405	-	-	405
Total Cost	7,500	405	3,845	19,420	5,500	4,065	-	33,235	-	-	40,735
Local Tax Funding	-	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	405	-	2,320	-	-	-	2,725	-	-	2,725
Fund Balance	1,500	-	-	-	-	-	-	-	-	-	1,500
General Obligation Bonds	6,000	-	-	17,100	-	-	-	17,100	-	-	23,100
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	3,845	-	-	-	-	3,845	-	-	3,845
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	5,500	4,065	-	9,565	-	-	9,565
Total Financing	7,500	405	3,845	19,420	5,500	4,065	-	33,235	-	-	40,735

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	200	195	190	603	782	1,970
Total Impact	-	200	195	190	603	782	1,970



LOUDOUN COUNTY GOVERNMENT

FY 2019 – FY 2024 Capital Improvement Program Projects

ROUTE 7 AND ROUTE 690 INTERCHANGE

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2018-036
Loudoun County Office of Mapping
and Geographic Information



Route 7 & Route 287 – Interchange

Project Description

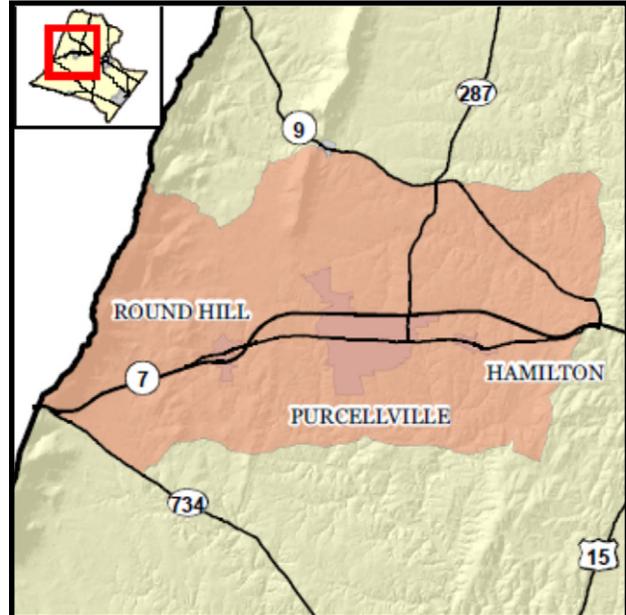
This project provides for the planning, design, and construction of improvements for the Route 7 and Berlin Turnpike (Route 287) Interchange with an estimated distance of 1.19 miles.

The improvements were recommended in a 2012 interchange analysis completed by VDOT.

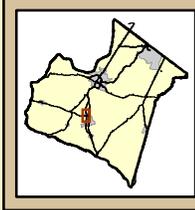
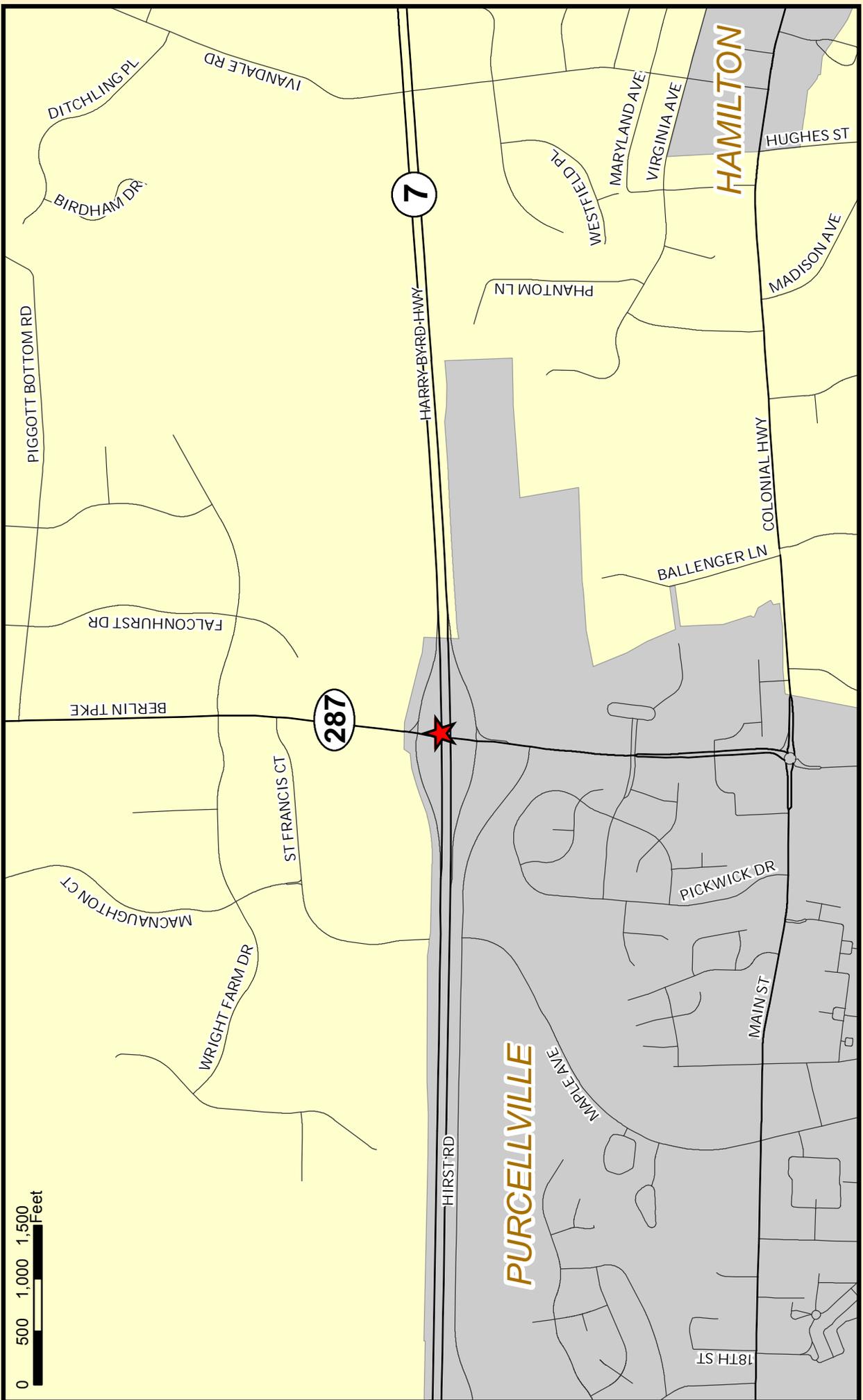
This project will be funded using local tax funding and Smart Scale. Smart Scale funds are awarded on a competitive basis by VDOT. The amounts reflect Loudoun County's award for the VDOT FY 2018 – FY 2023 Six Year Improvements Plan. VDOT has accelerated \$2 million in funding from FY 2022 into FY 2019 to begin design of the project.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	2,000	-	-	-	-	-	2,000	-	2,000
Construction	-	-	-	-	4,390	5,001	-	9,391	-	9,391
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	115	-	-	-	-	-	115	-	115
Total Cost	-	2,115	-	-	4,390	5,001	-	11,506	-	11,506
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	115	-	-	-	-	-	115	-	115
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	2,000	-	-	4,390	5,001	-	11,391	-	11,391
Total Financing	-	2,115	-	-	4,390	5,001	-	11,506	-	11,506



LOUDOUN COUNTY GOVERNMENT

FY 2019 – FY 2024 Capital Improvement Program Projects
ROUTE 7 AND ROUTE 287 INTERCHANGE
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-035
 Loudoun County Office of Mapping and Geographic Information



Route 9 & Route 287 – Roundabout

Project Description – C02095

This project provides for the design, right-of-way acquisition and construction of a roundabout on Route 9 at Berlin Turnpike (Route 287), at an estimated distance of one mile.

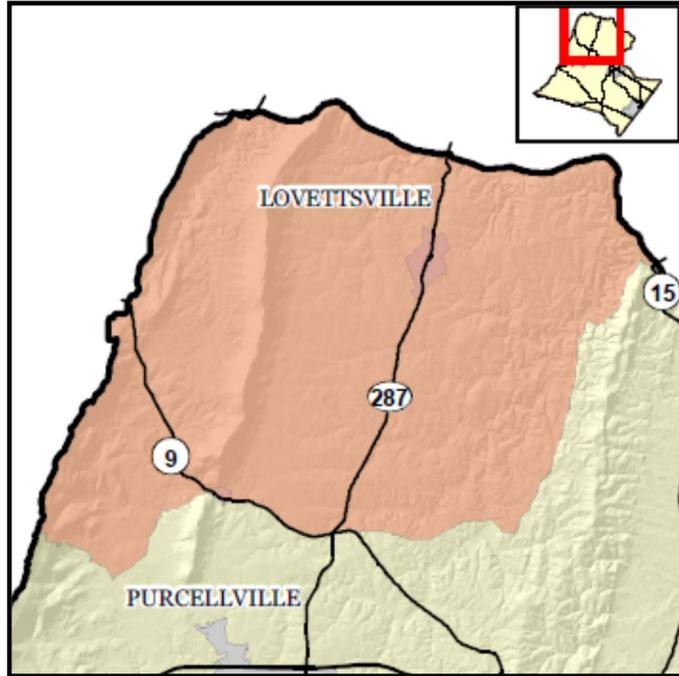
The intersection is currently signalized and experiences significant congestion. The right-of-way is narrow, and environmentally sensitive areas are in the vicinity of the project. A draft report presenting design alternatives was completed by VDOT in August 2015.

This road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

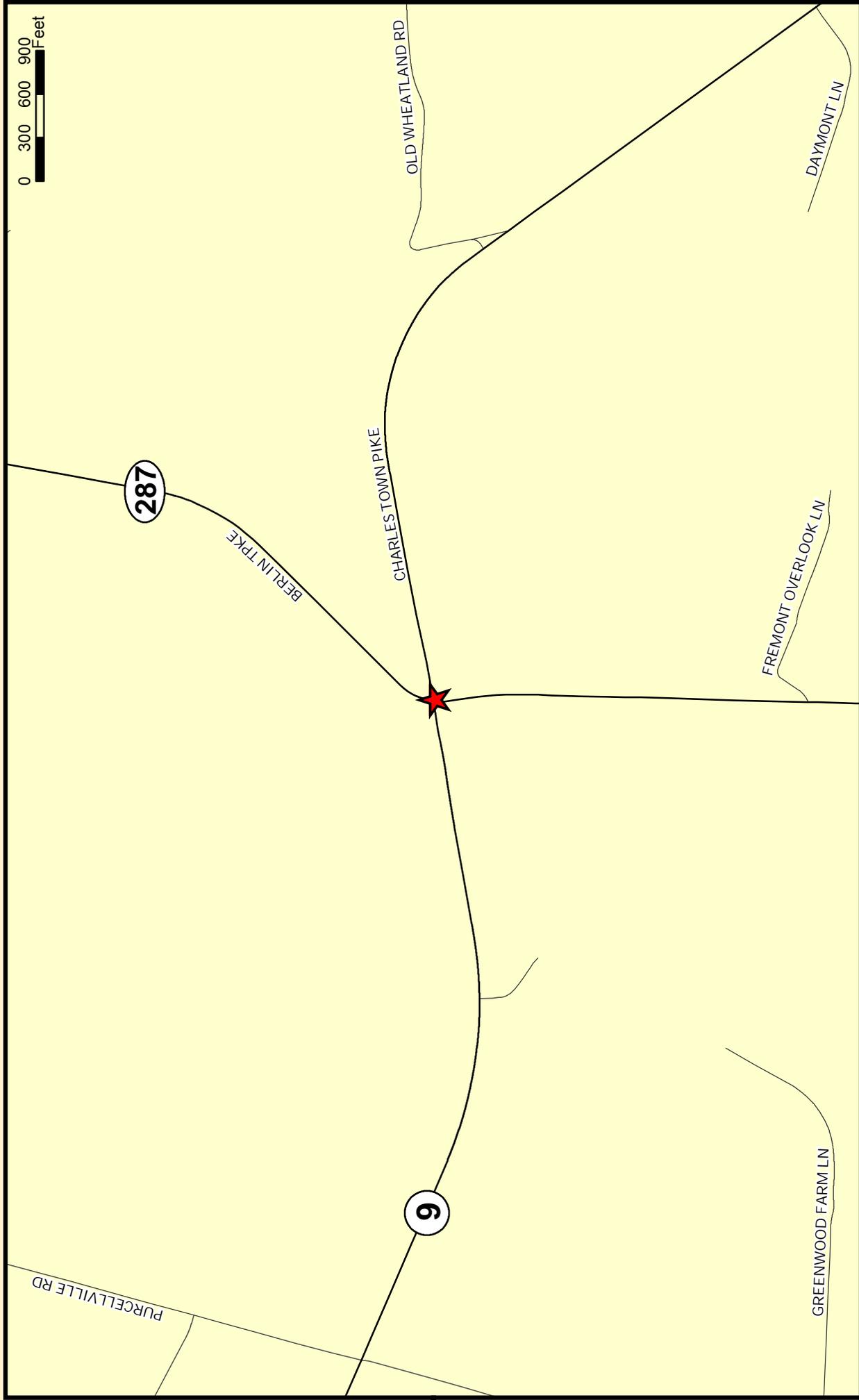
This project is funded using general obligation bonds that will be scheduled for placement on the November 2018 referendum.

Election District

Blue Ridge, Catoclin



	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Capital (\$ in 1000s)										
Land	-	-	955	-	-	-	-	955	-	955
Professional Services	1,228	-	-	-	-	-	-	-	-	1,228
Construction	-	-	12,300	-	-	-	-	12,300	-	12,300
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	1,228	-	13,255	-	-	-	-	13,255	-	14,483
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	13,255	-	-	-	-	13,255	-	13,255
Proffers (Cash)	228	-	-	-	-	-	-	-	-	228
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	1,000	-	-	-	-	-	-	-	-	1,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	1,228	-	13,255	-	-	-	-	13,255	-	14,483
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	98	95	584	777		
Total Impact		-	-	-	98	95	584	777		



LOUDOUN COUNTY GOVERNMENT
 FY 2019 – FY 2024 Capital Improvement Program Projects
ROUTE 9 AND ROUTE 287 ROUNDABOUT
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-037
 Loudoun County Office of Mapping and Geographic Information





Ryan Road Widening – Evergreen Mills Road to Northstar Boulevard

Project Description

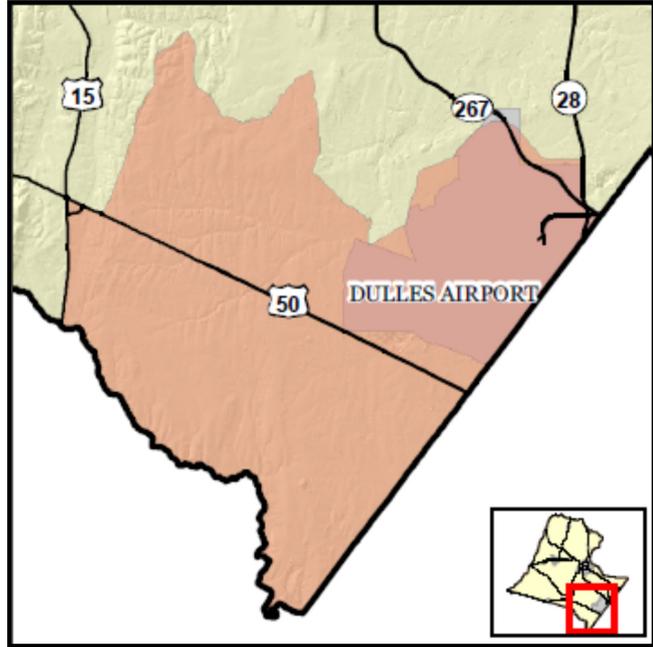
This project provides for the planning, design, right-of-way acquisition, and widening along Ryan Road between Evergreen Mills Road (Route 621) and Northstar Boulevard (Route 659).

This project is being designed and constructed according to VDOT standards and will be included in the VDOT system for road maintenance.

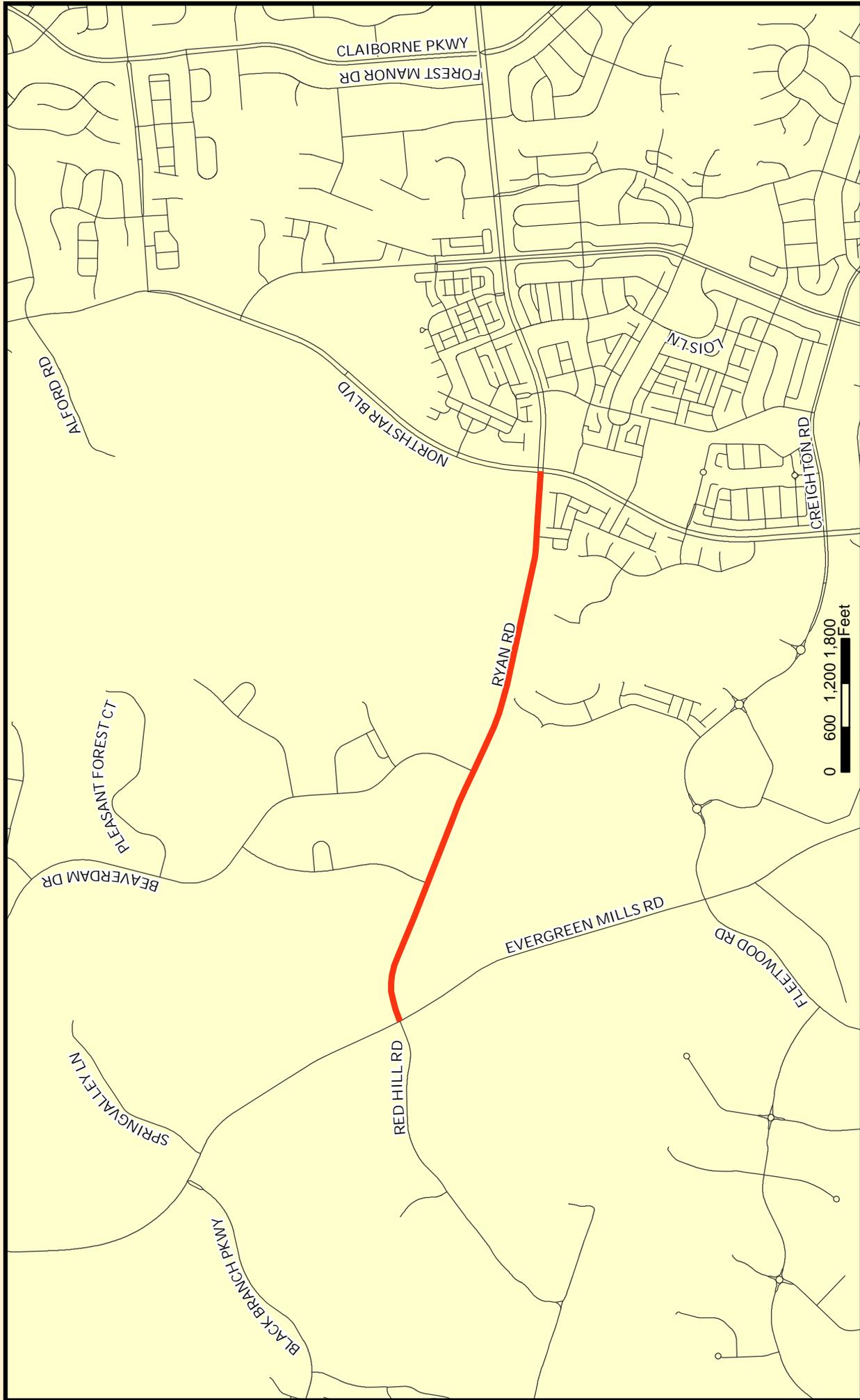
Authorization to see general obligation bonds will be scheduled for placement on the November 2022 referendum.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
	Alloc.									
Land	-	-	-	-	-	-	-	-	3,970	3,970
Professional Services	-	-	-	-	-	-	1,835	1,835	-	1,835
Construction	-	-	-	-	-	-	-	-	15,175	15,175
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,835	1,835	19,145	20,980
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,835	1,835	19,145	20,980
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	1,835	1,835	19,145	20,980



LOUDOUN COUNTY GOVERNMENT

FY 2019 - FY 2024 Capital Improvement Program Projects

Ryan Road Widening (Evergreen Mills Rd to Northstar Blvd)

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2018-057
 Loudoun County Office of Mapping
 and Geographic Information



Seneca Ridge Drive Improvements – South Cottage Road to Augusta Drive

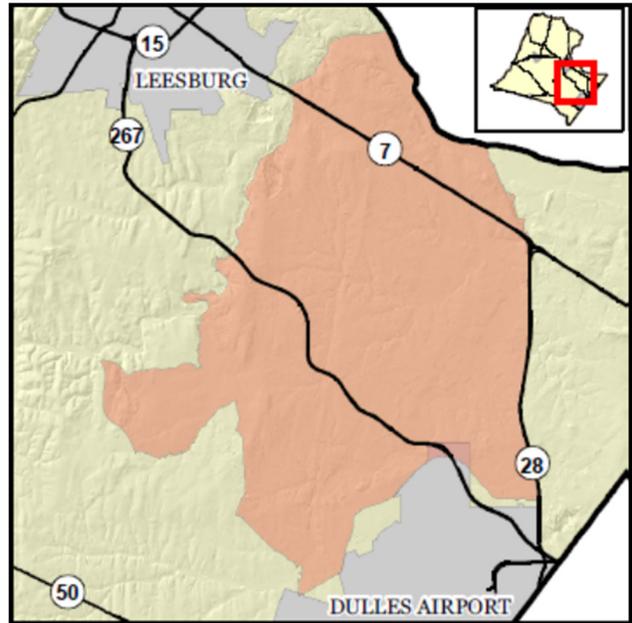
Project Description

This project provides for the planning, design, right-of-way acquisition, and construction of roadway and intersection improvements along Seneca Ridge Drive (Route 1760) between South Cottage Road (1724) and Augusta Drive (Route 2700) to reduce congestion and improve pedestrian movements.

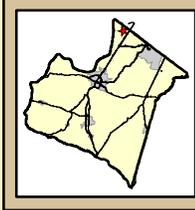
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

Election District

Sterling, Algonkian



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	355	-	-	-	-	-	355	-	355
Construction	-	685	-	-	-	-	-	685	-	685
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	1,040	-	-	-	-	-	1,040	-	1,040
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	1,040	-	-	-	-	-	1,040	-	1,040
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	1,040	-	-	-	-	-	1,040	-	1,040



LOUDOUN COUNTY GOVERNMENT

FY 2019 - FY 2024 Capital Improvement Program Projects

Seneca Ridge Drive Improvements (S. Cottage Rd to Augusta Dr)

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



Map Number 2018-058

Loudoun County Office of Mapping and Geographic Information



Shellhorn Road – Loudoun County Parkway to Randolph Drive

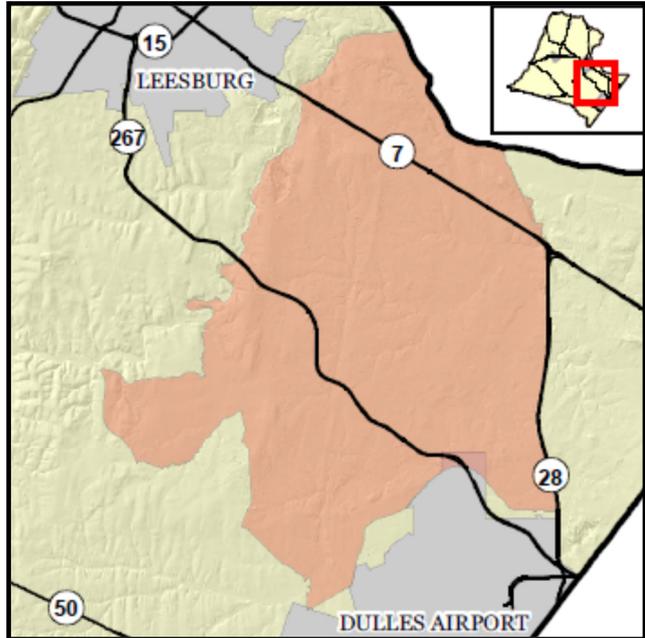
Project Description – C02125

This project provides for the planning, design, right-of-way acquisition, and construction of Shellhorn Road (Route 643) from Loudoun County Parkway (Route 606) to Randolph Drive (Route 1072). The project also entails the construction of a four-lane roadway within a 120-foot right-of-way with an estimated length of 2.37 miles.

The road improvements are being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

A preliminary engineering study for this roadway is currently being prepared by an independent consultant.

State Revenue Sharing and NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of State Revenue Sharing and NVTA 70% regional funding on County road projects are subject to award by VDOT and NVTA, respectively. This project is also funded using general obligation bonds that will be scheduled for placement on the November 2021 referendum.

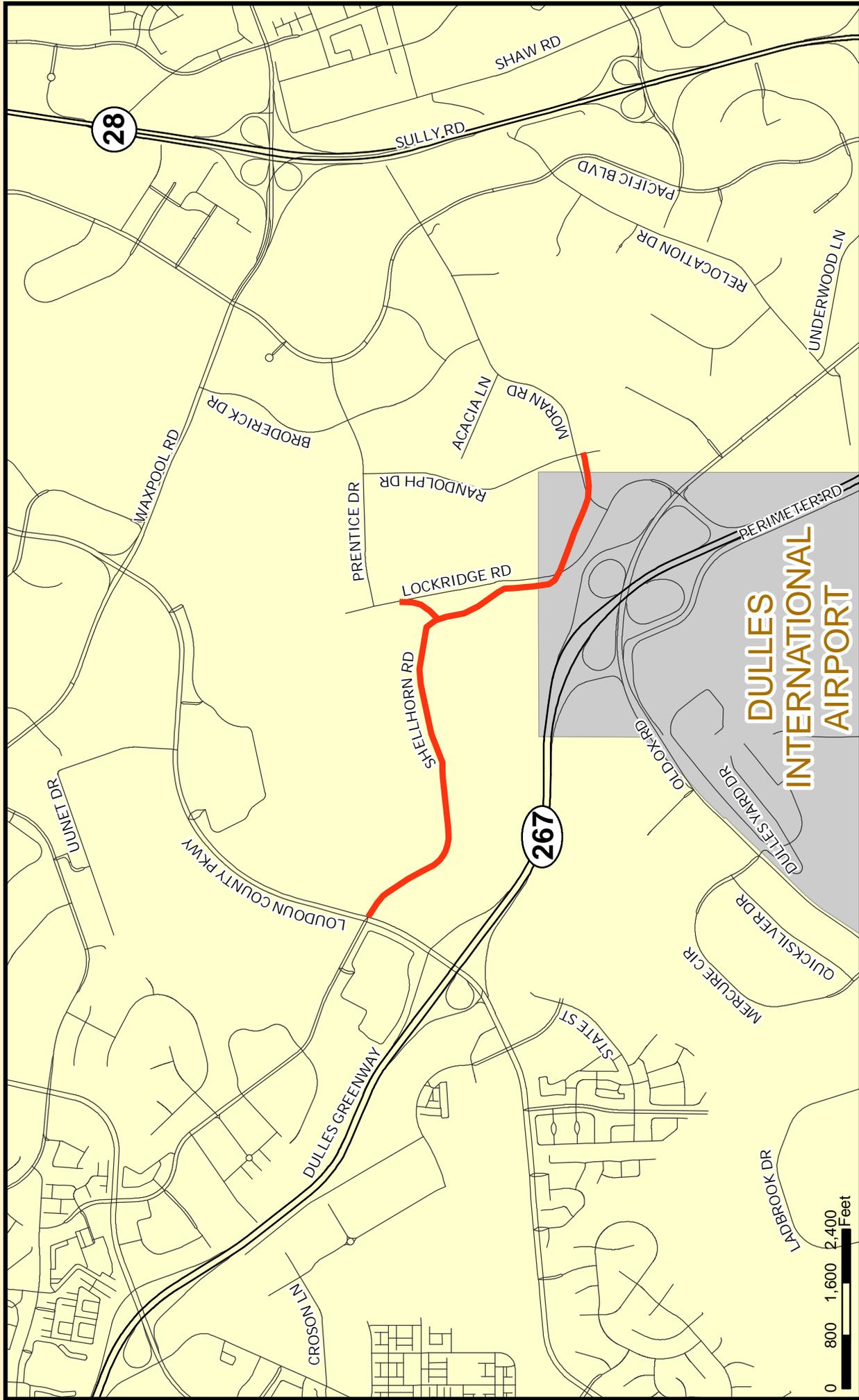


Election District

Broad Run

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	10,000	-	-	-	-	10,000	-	10,000
Professional Services	8,000	-	-	-	-	-	-	-	-	8,000
Construction	-	-	-	-	-	102,750	-	102,750	-	102,750
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	6,000	-	-	-	6,000	-	6,000
Total Cost	8,000	-	10,000	6,000	-	102,750	-	118,750	-	126,750
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	10,963	-	10,963	-	10,963
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	8,000	-	-	-	-	86,787	-	86,787	-	94,787
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	5,000	-	5,000	-	5,000
NVTA 70%	-	-	10,000	6,000	-	-	-	16,000	-	16,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	8,000	-	10,000	6,000	-	102,750	-	118,750	-	126,750

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	800	780	760	740	1,520	4,600
Total Impact	-	800	780	760	740	1,520	4,600



Map Number 2018-010
 Loudoun County Office of Mapping
 and Geographic Information

LOUDOUN COUNTY GOVERNMENT

FY 2019- FY 2024 Capital Improvements Program Projects

SHELLHORN RD - LOUDOUN COUNTY PKWY TO RANDOLPH DR

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.





Trailhead Drive & Braddock Road – Roundabout

Project Description

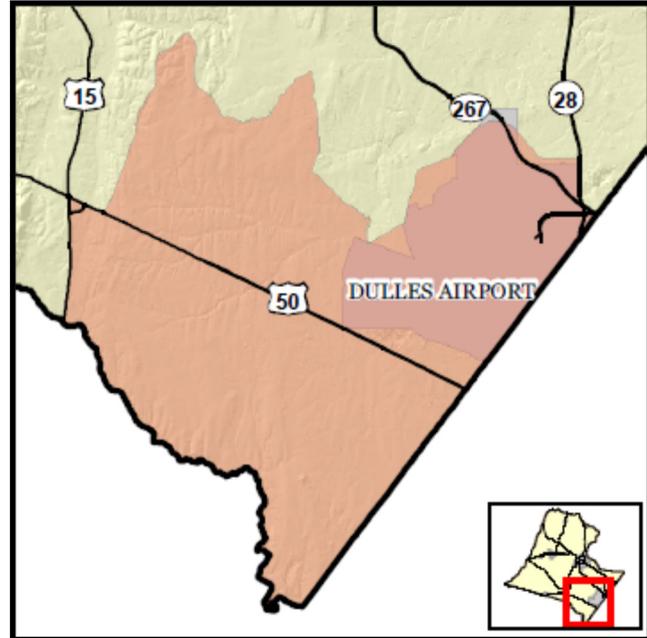
This project provides for the planning, design, right-of-way acquisition, and construction of a roundabout at the intersection of Trailhead Drive (Route 3395) and Braddock Road (Route 705).

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

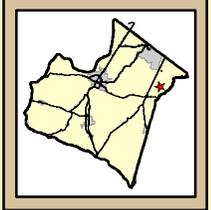
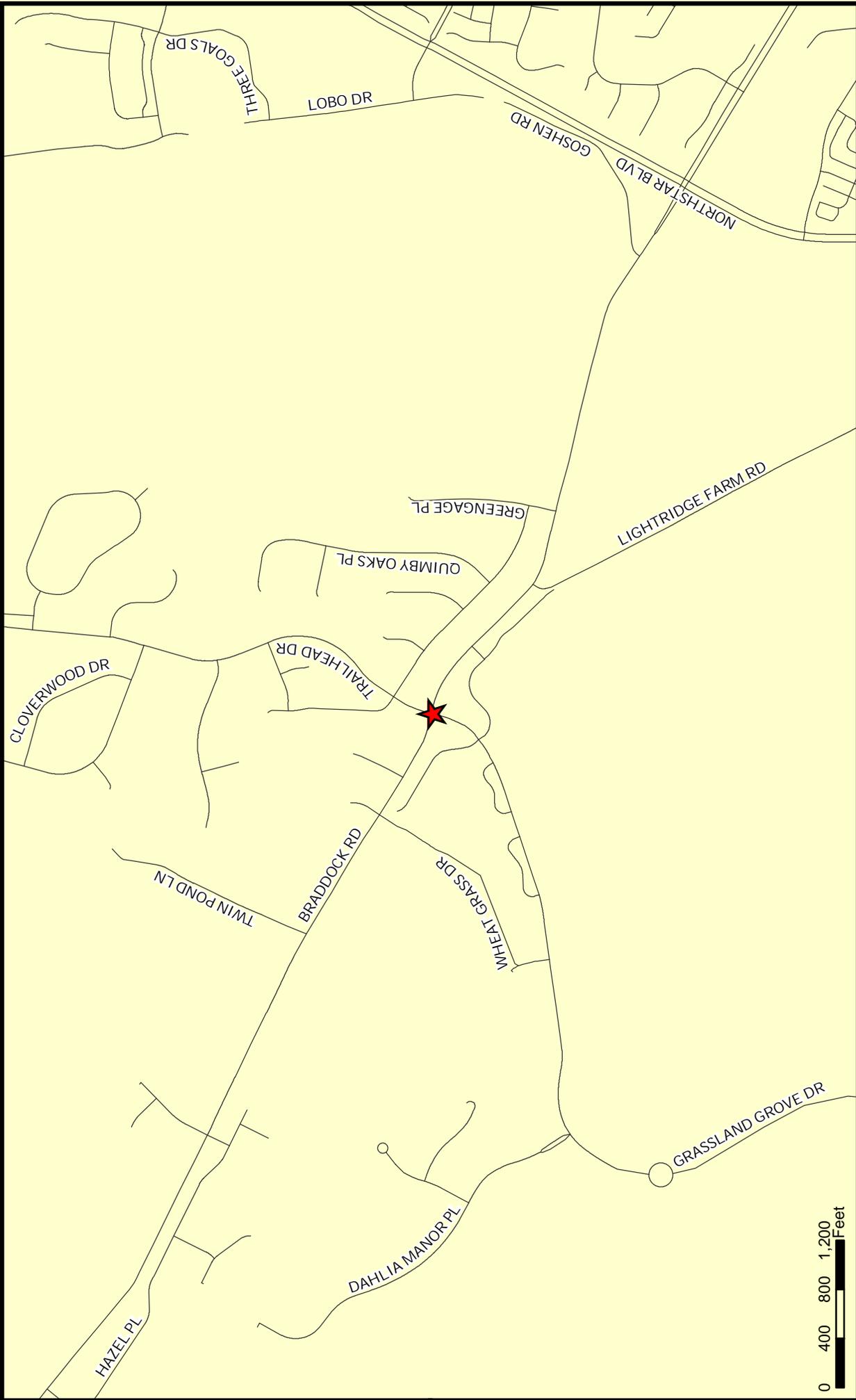
Authorization to sell general obligation bonds will be scheduled for placement on the November 2022 referendum.

Election District

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	2,190	2,190
Professional Services	-	-	-	-	-	-	1,015	1,015	-	1,015
Construction	-	-	-	-	-	-	-	-	8,290	8,290
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,015	1,015	10,480	11,495
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,015	1,015	10,480	11,495
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	1,015	1,015	10,480	11,495



LOUDOUN COUNTY GOVERNMENT
 FY 2019 - FY 2024 Capital Improvement Program Projects
Trailhead Dr and Braddock Rd Roundabout
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-059
 Loudoun County Office of Mapping
 and Geographic Information



Waxpool Road / Loudoun County Parkway Intersection

Project Description – C02089

This project provides for the planning, design, right-of-way acquisition, and construction of intersection improvements at Loudoun County Parkway and Waxpool Road (Route 625) with an estimated length of 0.47 miles. The project entails modifications to accommodate the westbound Waxpool Road left turns onto southbound Loudoun County Parkway, as well as the eastbound right turn lanes from Loudoun County Parkway onto Waxpool Road. The recommended alternative is to develop triple left turn lanes onto southbound Loudoun County Parkway and a free flow right turn onto eastbound Waxpool Road.

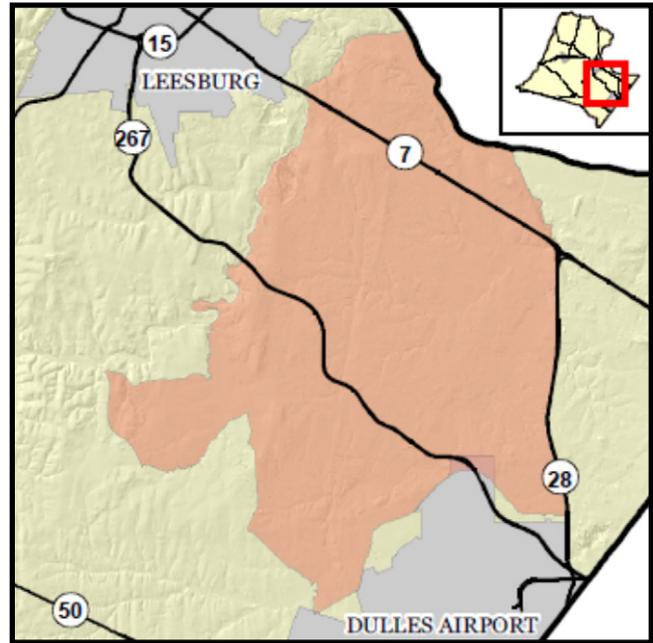
This road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

This is an existing signalized intersection with insufficient capacity. Preliminary planning studies have been completed by VDOT identifying potential improvements.

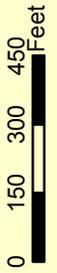
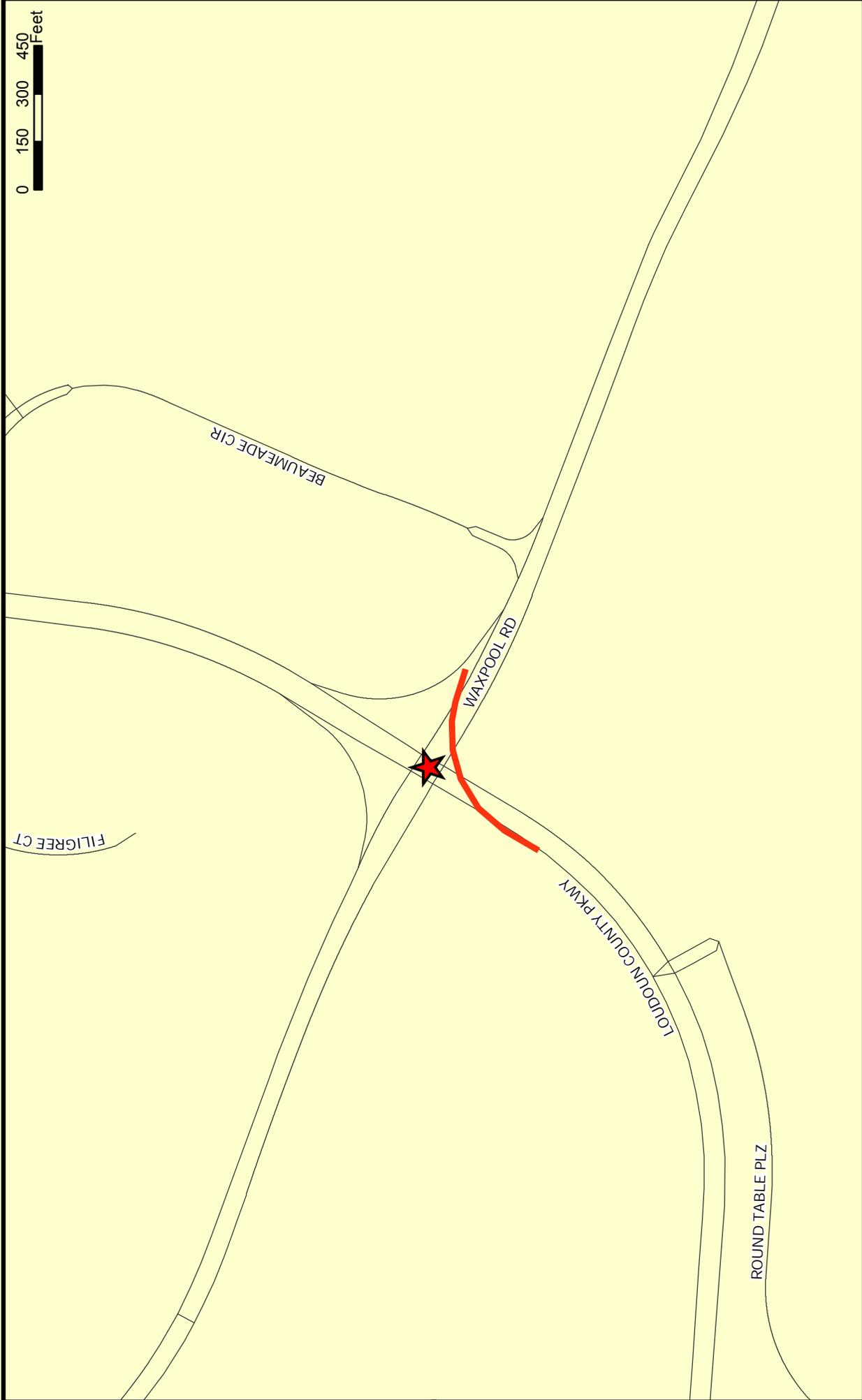
Smart Scale funds are awarded on a competitive basis by VDOT. The amounts reflect Loudoun County's award for the VDOT FY 2018 – FY 2023 Six-Year Improvement Plan. Congestion Mitigation and Air Quality (CMAQ) funds are also planned for this project.

Election District

Broad Run



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
	Alloc.									
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	660	-	-	-	-	-	-	-	-	660
Construction	2,060	3,568	-	-	-	-	-	3,568	-	5,628
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	60	-	-	-	-	-	60	-	60
Total Cost	2,720	3,628	-	-	-	-	-	3,628	-	6,348
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	146	60	-	-	-	-	-	60	-	206
Fund Balance	361	-	-	-	-	-	-	-	-	361
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	2,213	-	-	-	-	-	-	-	-	2,213
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	3,291	-	-	-	-	-	3,291	-	3,291
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	277	-	-	-	-	-	277	-	277
Total Financing	2,720	3,628	-	-	-	-	-	3,628	-	6,348



LOUDOUN COUNTY GOVERNMENT
 FY 2019 – FY 2024 Capital Improvement Program Projects
WAXPOOL RD AND LOUDOUN COUNTY PKWY
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-029
 Loudoun County Office of Mapping and Geographic Information



Westwind Drive – State Street to Ladbrook Drive

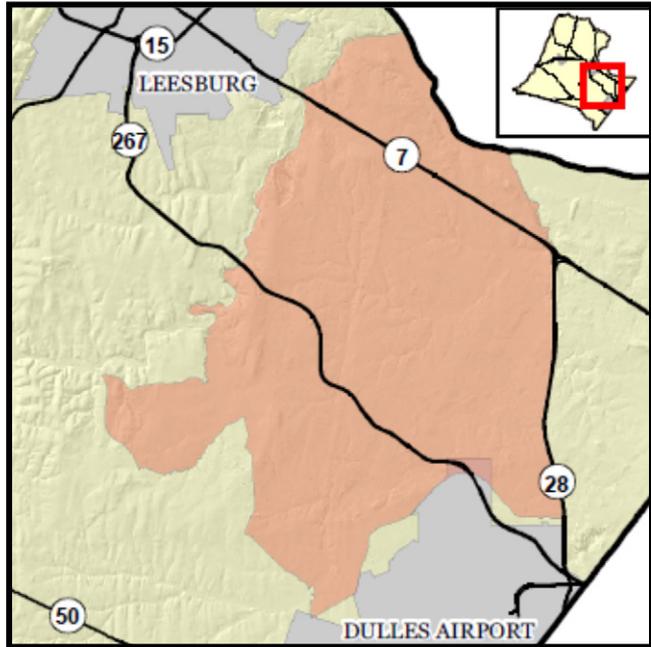
Project Description

This project provides for the planning, design, right-of-way acquisition and construction of Westwind Drive (Route 2141) between State Street and Ladbrook Drive (Route 1276). The project entails the construction of a four-lane, median-divided roadway within a 120-foot right-of-way, an estimated length of 0.63 miles.

This road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

This is a planned roadway included in the 2010 Countywide Transportation Plan.

All proposed uses of NVTA 30% local funding on County road projects are subject to allocation of the funds by NVTA. Smart Scale funds are awarded on a competitive basis by VDOT. This project is also funded using general obligation bonds and authorization to sell general obligation bonds will be scheduled for placement on the November 2019 referendum. The amounts reflect Loudoun County's award for the VDOT FY 2018 – FY 2023 Six-Year Improvement Program.

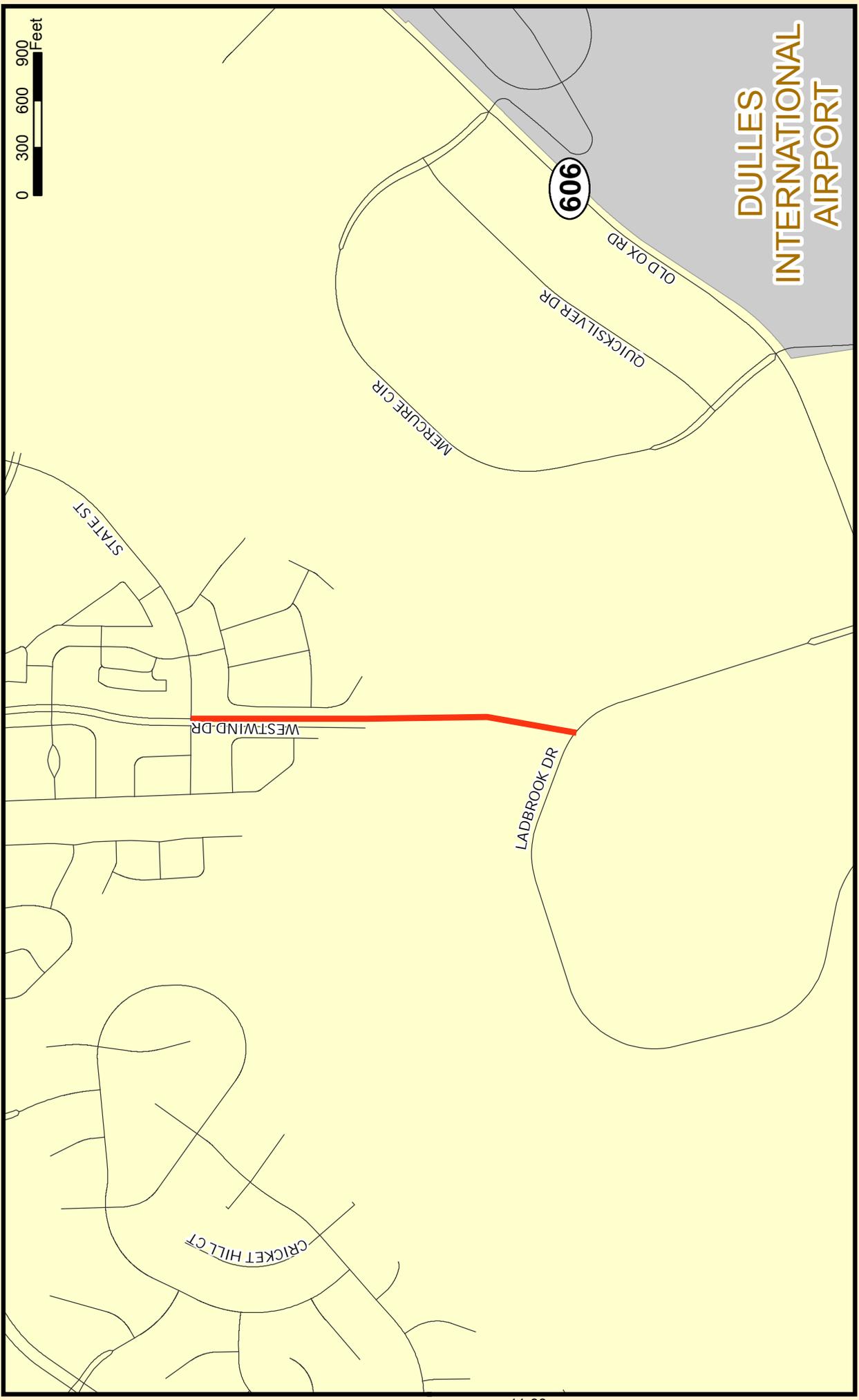


Election District

Dulles

Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
	Alloc.									
Land	-	-	1,350	7,900	-	-	-	9,250	-	9,250
Professional Services	-	8,320	-	-	-	-	-	8,320	-	8,320
Construction	-	-	3,650	-	20,135	9,436	-	33,221	-	33,221
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	510	-	-	-	-	-	510	-	510
Total Cost	-	8,830	5,000	7,900	20,135	9,436	-	51,301	-	51,301
Local Tax Funding	-	8,261	-	-	-	-	-	8,261	-	8,261
Local Tax Funding - Roads	-	430	5,000	-	-	-	-	5,430	-	5,430
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	7,900	9,750	-	-	17,650	-	17,650
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	139	-	-	-	-	-	139	-	139
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	10,385	9,436	-	19,821	-	19,821
Total Financing	-	8,830	5,000	7,900	20,135	9,436	-	51,301	-	51,301

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	790	1,170	1,718	3,678
Total Impact	-	-	-	790	1,170	1,718	3,678



LOUDOUN COUNTY GOVERNMENT
 FY 2019 – FY 2024 Capital Improvement Program Projects
WESTWIND DR - STATE ST TO LADBROOK RD
 The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.

Map Number 2018-030
 Loudoun County Office of Mapping and Geographic Information





Capital Improvement Program

FY 2019 Adopted Budget

Sidewalks, Traffic Signals, and Traffic Calming



**Capital Improvement Program by Functional Area
Schedule of Appropriations**

Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Sidewalks, Signals, and Traffic Calming										
Projects										
Contingency - Sidewalk	2,000	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	12,000
Contingency - Traffic Calming	200	250	250	250	250	250	250	1,500	1,000	2,700
Contingency - Traffic Signal	1,000	750	750	750	750	750	750	4,500	3,000	8,500
Belmont Ridge & Legacy Park - Traffic Signal	-	-	-	-	-	-	200	200	800	1,000
Harmony Middle School - Sidewalk	-	-	-	-	1,260	-	1,900	3,160	-	3,160
Intersection Improvements	-	1,612	2,215	6,355	13,165	13,690	14,235	51,272	62,900	114,172
Poland Road - Shared Use Path	-	-	-	-	1,220	-	1,065	2,285	-	2,285
River Creek Pkwy- Sidewalk	-	-	-	-	1,315	-	-	1,315	-	1,315
Sterling Blvd/W&OD Overpass	-	-	-	7,745	-	-	-	7,745	-	7,745
Route 7 Pedestrian Improvements	-	855	-	1,000	1,000	4,200	-	7,055	-	7,055
Loudoun Co. Parkway Shared-Use Path	-	-	-	-	-	-	-	-	8,435	8,435
Ryan Rd & Olympia Dr - Traffic Signal	-	-	-	-	-	-	200	200	800	1,000
Sidewalk & Trail Program	-	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505
Budgetary Cost	3,200	4,467	4,215	17,100	21,070	21,815	29,620	98,287	137,385	238,872
Funding Source										
Local Tax Funding - Roads	-	3,612	2,000	2,000	3,000	2,000	2,400	15,012	9,600	24,612
General Obligation Bonds	-	-	2,215	15,100	18,070	19,815	27,220	82,420	127,785	210,205
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
NVTA 30%	3,200	-	-	-	-	-	-	-	-	3,200
Lease Revenue Financing	-	855	-	-	-	-	-	855	-	855
Total Funding Source	3,200	4,467	4,215	17,100	21,070	21,815	29,620	98,287	137,385	238,872



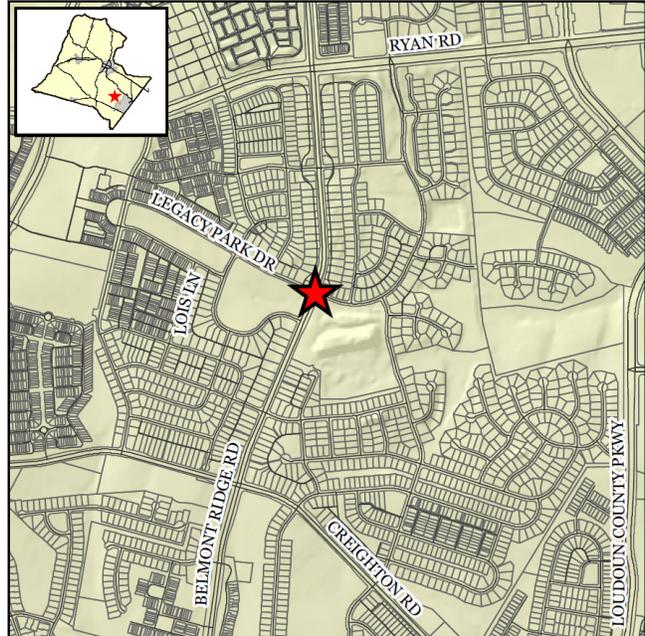
Belmont Ridge Rd & Legacy Park Drive – Traffic Signal

Project Description

This project provides for a warrant study, design, acquisition of easement, and construction of a traffic signal at Belmont Ridge Road (Route 659) and Legacy Park Drive (Route 2551).

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	200	200	-	200
Construction	-	-	-	-	-	-	-	-	800	800
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	200	200	800	1,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	200	200	800	1,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	200	200	800	1,000



Contingency Accounts

Project Description

This project provides funding for the three contingency accounts during the FY 2019 to FY 2024 CIP planning period.

Sidewalk Contingency – C02009

Provides \$1,000,000 in funding in each year of the FY 2019- FY 2024 CIP planning period to be used countywide for the design and construction of missing sidewalk segments.

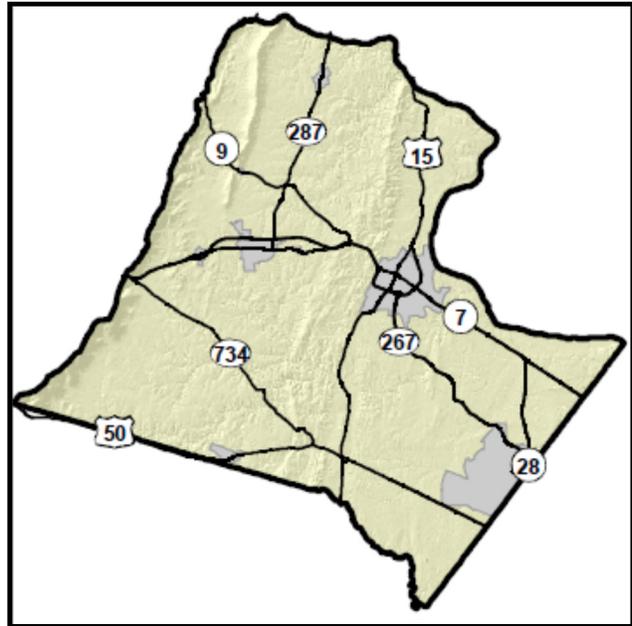
Traffic Calming Contingency – C02008

Provides \$250,000 in funding in each year of the FY 2019- FY 2024 CIP planning period to be used countywide for the study, design, and construction of traffic calming measures.

Traffic Signal Contingency – C02010

Provides \$750,000 in funding in each year of the FY 2019- FY 2024 CIP planning period to be used countywide for the study, design, and construction of traffic signals.

Contingency accounts are funded using local tax funding and NVTA 30% local funds.



Election District

Countywide

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	3,200	2,000	2,000	2,000	2,000	2,000	2,000	12,000	8,000	23,200
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	3,200	2,000	2,000	2,000	2,000	2,000	2,000	12,000	8,000	23,200
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	2,000	2,000	2,000	2,000	2,000	2,000	12,000	8,000	20,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	3,200	-	-	-	-	-	-	-	-	3,200
Total Financing	3,200	2,000	2,000	2,000	2,000	2,000	2,000	12,000	8,000	23,200



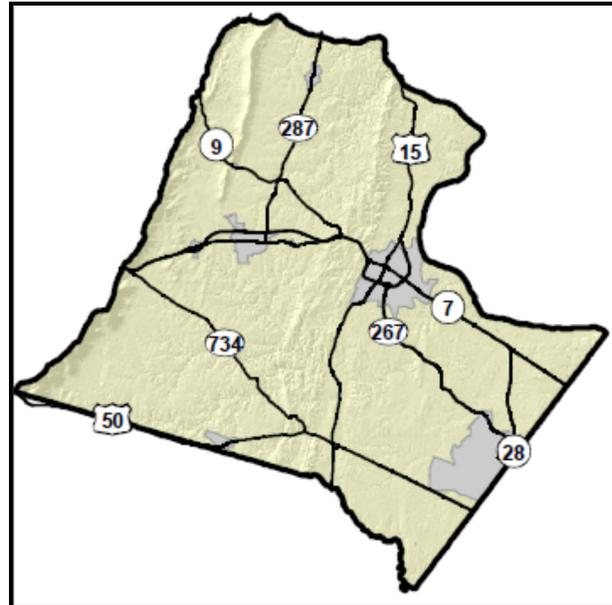
Intersection Improvements

Project Description

This new program provides funding for initiation of improvements of five intersections and one roundabout per year. Traffic signals require one year for design, one year for land acquisition, with construction starting in year three. Roundabouts require two years for design, one year for land acquisition, and two years for construction.

The type of intersection improvements will vary depending on the number and severity of vehicle accidents, and the volume of traffic. The proposed funding plan addresses the most urgent intersections in the first six years of the program as identified by a study which ranked intersections throughout the County for inclusion and prioritization in this program.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2018 referendum. Expenditures for this ongoing project are expected to continue indefinitely.



Election District

Countywide

Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	500	2,400	2,500	2,500	2,600	10,500	11,800	22,300
Professional Services	-	1,612	1,715	1,755	1,900	1,900	1,900	10,782	8,600	19,382
Construction	-	-	-	2,200	8,765	9,290	9,735	29,990	42,500	72,490
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	1,612	2,215	6,355	13,165	13,690	14,235	51,272	62,900	114,172
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	1,612	-	-	-	-	-	1,612	-	1,612
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	2,215	6,355	13,165	13,690	14,235	49,660	62,900	112,560
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	-	1,612	2,215	6,355	13,165	13,690	14,235	51,272	62,900	114,172

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	2.00	1.00	1.00	-	-	-	4.00
Personnel	241	196	357	312	321	331	1,758
Debt Service	-	-	221	853	1,810	2,685	5,569
Total Impact	241	196	578	1,165	2,131	3,016	7,327



Harmony Middle School – Sidewalk

Project Description

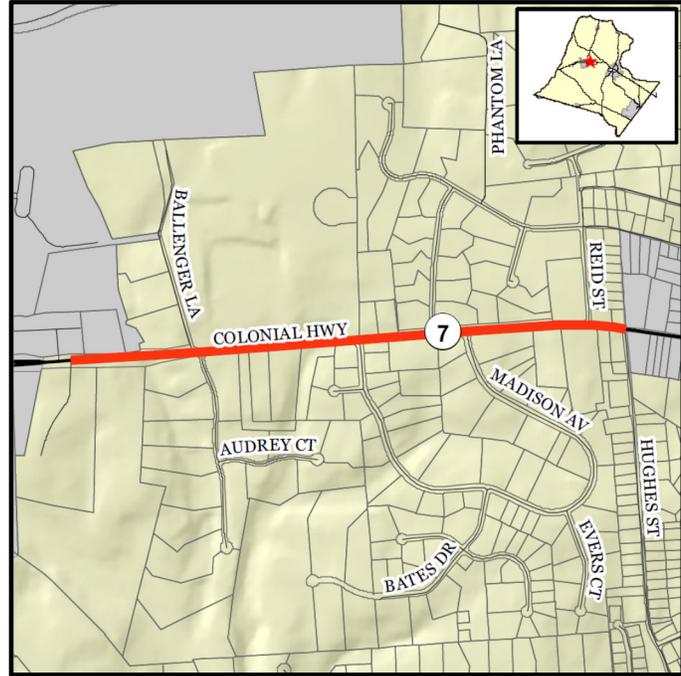
This project provides funding to develop missing sidewalk segments to the east and west of Harmony Middle School on West Colonial Highway (Route 7 Business).

The project includes sidewalk and storm water drainage improvements along West Colonial Highway between Harmony Meadows Court and South Hughes Street (Route 709).

Authorization to sell general obligation bonds will be scheduled for placement on the November 2020 referendum.

Election District

Catoctin



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	1,260	-	-	1,260	-	1,260
Construction	-	-	-	-	-	-	1,900	1,900	-	1,900
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	1,260	-	1,900	3,160	-	3,160
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	1,260	-	1,900	3,160	-	3,160
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	1,260	-	1,900	3,160	-	3,160
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	128	125	253		
Total Impact		-	-	-	-	128	125	253		



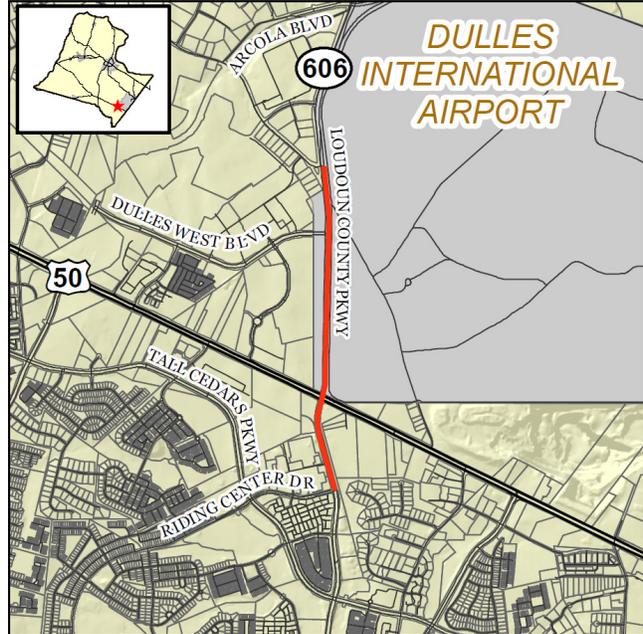
Loudoun County Parkway – Riding Center Drive to Arcola Boulevard Shared Use Path

Project Description

This project funds the construction of a ten foot-wide shared use path on the west side of Loudoun County Parkway between Riding Center Drive and Arcola Boulevard.

Election District

Dulles



Capital (\$ in 1000s)	Prior Alloc.	FY							6 Year	Future	Project
		2019	2020	2021	2022	2023	2024	Total	FY's	Total	
Land	-	-	-	-	-	-	-	-	-	680	680
Professional Services	-	-	-	-	-	-	-	-	-	950	950
Construction	-	-	-	-	-	-	-	-	-	6,805	6,805
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	-	8,435	8,435
Local Tax Funding	-	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	8,435	8,435
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	-	8,435	8,435



Poland Road – Shared Use Path

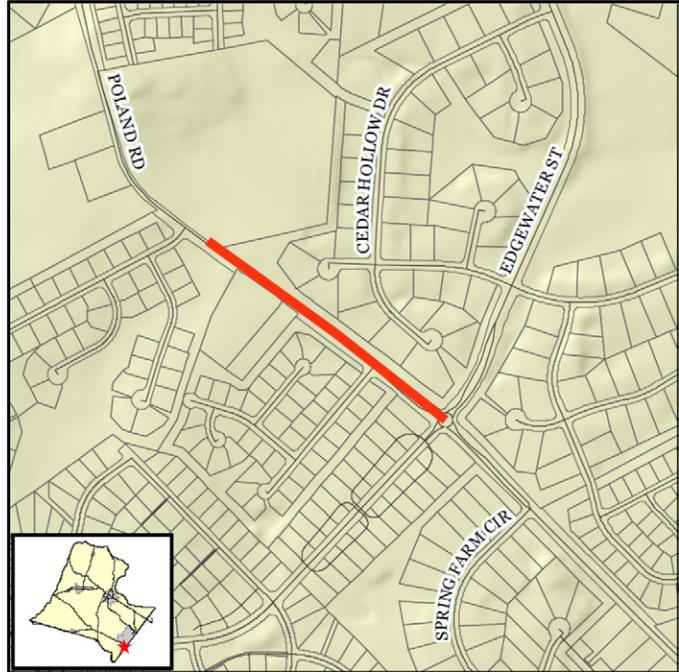
Project Description

This project provides funding to develop a shared-use path along Poland Road (Route 742) between Edgewater Street (Route 2237) and the Poland Hill property.

This project is funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.

Election District

Dulles



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	1,220	-	-	1,220	-	1,220
Construction	-	-	-	-	-	-	1,065	1,065	-	1,065
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	1,220	-	1,065	2,285	-	2,285
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	1,220	-	1,065	2,285	-	2,285
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	1,220	-	1,065	2,285	-	2,285

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	121	118	239
Total Impact	-	-	-	-	121	118	239



River Creek Parkway – Sidewalk

Project Description

This project provides funding to develop missing sidewalk segments along River Creek Parkway (Route 773) between Parkers Ridge Drive (Route 3054) and Potomac Station Drive (Route 3064).

This project is funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.

Election District

Catoctin



Capital (\$ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	1,315	-	-	1,315	-	1,315
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	1,315	-	-	1,315	-	1,315
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	1,315	-	-	1,315	-	1,315
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	1,315	-	-	1,315	-	1,315

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	131	128	258
Total Impact	-	-	-	-	131	128	258



Route 7 Pedestrian Improvements

Project Description

This project funds improvements to three pedestrian crossings along Route 7.

Locations

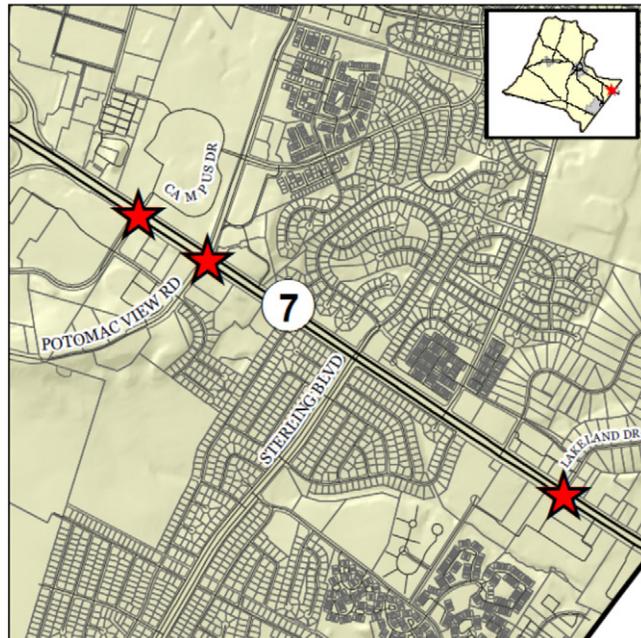
- Bartholomew Fair Drive (Route 1792)/Campus Drive (Route 391)
- Potomac View Drive (Route 637)
- Lakeland Drive (Route 821)

These crosswalks are designed to accommodate unmet pedestrian needs while maintaining acceptable traffic operations at each intersection along the 1.3 mile corridor.

This project is funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.

Election District

Sterling



Capital (\$ in 1000s)	Prior								6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total	
Land	-	-	-	-	1,000	-	-	1,000	-	1,000	
Professional Services	-	-	-	1,000	-	-	-	1,000	-	1,000	
Construction	-	855	-	-	-	4,200	-	5,055	-	5,055	
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	
Total Cost	-	855	-	1,000	1,000	4,200	-	7,055	-	7,055	
Local Tax Funding	-	-	-	-	-	-	-	-	-	-	
Local Tax Funding - Roads	-	-	-	-	1,000	-	-	1,000	-	1,000	
Fund Balance	-	-	-	-	-	-	-	-	-	-	
General Obligation Bonds	-	-	-	1,000	-	4,200	-	5,200	-	5,200	
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-	
State Capital Assistance	-	-	-	-	-	-	-	-	-	-	
CMAQ	-	-	-	-	-	-	-	-	-	-	
RSTP	-	-	-	-	-	-	-	-	-	-	
Revenue Sharing	-	-	-	-	-	-	-	-	-	-	
NVTA 70%	-	-	-	-	-	-	-	-	-	-	
NVTA 30%	-	-	-	-	-	-	-	-	-	-	
Lease Revenue Financing	-	855	-	-	-	-	-	855	-	855	
Total Financing	-	855	-	1,000	1,000	4,200	-	7,055	-	7,055	
Operating Impact (\$ in 1000s)											
Debt Service		21	87	84	182	173	383	930			
Total Impact		21	87	84	182	173	383	930			



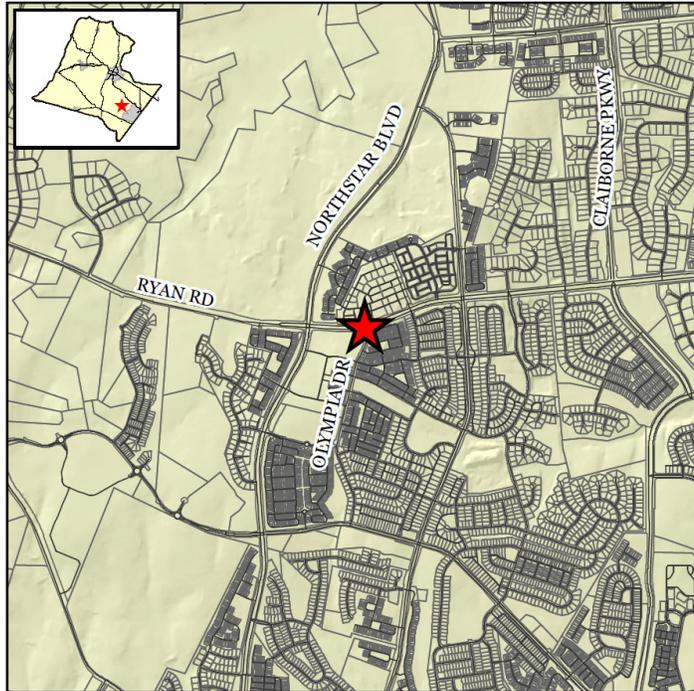
Ryan Road & Olympia Drive – Traffic Signal

Project Description

This project provides for a warrant study, design, acquisition of easement, and construction of a traffic signal at Ryan Road (Route 772) and Olympia Drive.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	200	200	-	200
Construction	-	-	-	-	-	-	-	-	800	800
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	200	200	800	1,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	200	200	800	1,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	200	200	800	1,000



Sidewalk and Trail Program

Project Description

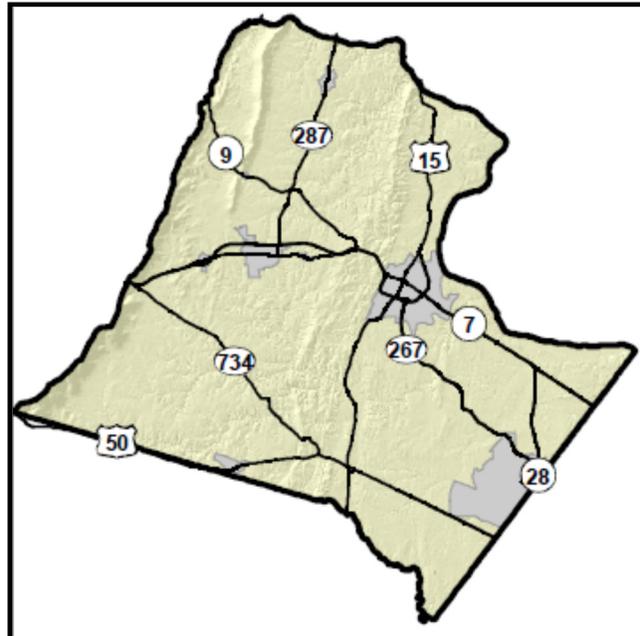
This project provides for planning, design, right-of-way acquisition, and construction of improvements to three miles of sidewalks and trails per year. Construction and improvements will vary depending on the project.

Expenditures for this ongoing project are expected to continue indefinitely.

This project is funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.

Election District

Countywide



Capital (\$ in 1000s)	Prior								6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total	
Land	-	-	-	-	-	770	802	1,572	4,516	6,087	
Professional Services	-	-	-	-	1,110	1,155	1,202	3,467	6,776	10,243	
Construction	-	-	-	-	-	-	8,016	8,016	45,158	53,174	
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	
Total Cost	-	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505	
Local Tax Funding	-	-	-	-	-	-	-	-	-	-	
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-	
Fund Balance	-	-	-	-	-	-	-	-	-	-	
General Obligation Bonds	-	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505	
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-	
State Capital Assistance	-	-	-	-	-	-	-	-	-	-	
CMAQ	-	-	-	-	-	-	-	-	-	-	
RSTP	-	-	-	-	-	-	-	-	-	-	
Revenue Sharing	-	-	-	-	-	-	-	-	-	-	
NVTA 70%	-	-	-	-	-	-	-	-	-	-	
NVTA 30%	-	-	-	-	-	-	-	-	-	-	
Transit Fees	-	-	-	-	-	-	-	-	-	-	
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-	
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-	
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-	
Smart Scale	-	-	-	-	-	-	-	-	-	-	
Total Financing	-	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505	
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total			
Debt Service		-	-	-	-	111	299	410			
Total Impact											



Sterling Boulevard/W&OD Trail – Overpass

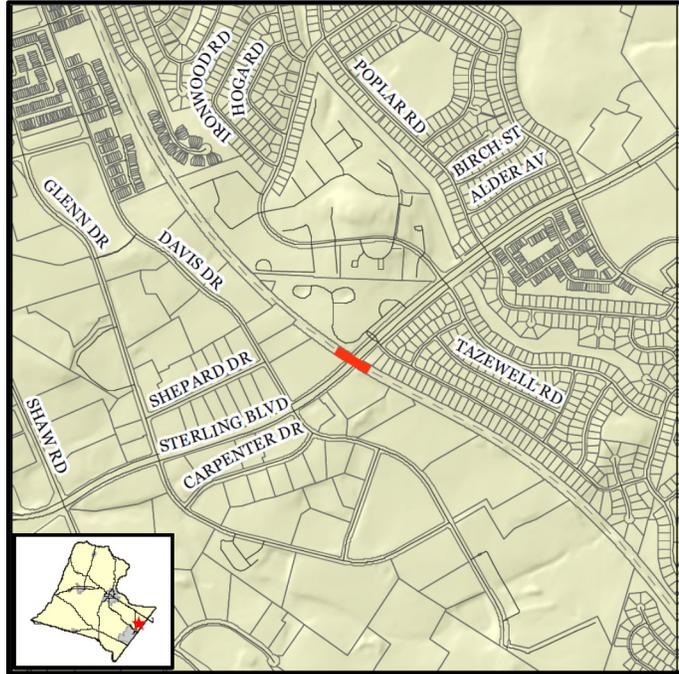
Project Description

This project provides for the design, right-of-way acquisition, and construction of an overpass across Sterling Boulevard (Route 846) at the W&OD Trail. This project will serve walkers, bicyclists, joggers, horseback riders, roller bladders, and other users. The overpass will separate these activities from roadway traffic.

This project is funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.

Election District

Sterling



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	345	-	-	-	345	-	345
Professional Services	-	-	-	500	-	-	-	500	-	500
Construction	-	-	-	6,900	-	-	-	6,900	-	6,900
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	7,745	-	-	-	7,745	-	7,745
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	7,745	-	-	-	7,745	-	7,745
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	7,745	-	-	-	7,745	-	7,745
<hr/>										
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	82	469	764	1,314		
Total Impact		-	-	-	82	469	764	1,314		





Capital Improvement Program

FY 2019 Adopted Budget

Towns



Capital Improvement Program by Functional Area										
Schedule of Appropriations										
Capital (\$ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
Towns										
Projects										
Hillsboro - Traffic Calming and Pedestrian Safe	5,282	12,112	-	-	-	-	-	12,112	-	17,394
Leesburg - Evergreen Mill Road Widening	-	4,200	-	1,800	-	-	-	6,000	-	6,000
Leesburg - NVTA Local Distribution	9,728	2,429	2,534	2,607	2,683	2,759	2,837	15,849	11,348	36,925
Leesburg - Tuscarora Creek Trail	-	1,800	-	-	-	-	-	1,800	-	1,800
Lovettsville - Broadway Streetscape Phase 2A	150	180	700	-	-	-	-	880	-	1,030
Purcellville - NVTA Local Distribution	2,050	490	511	526	542	558	574	3,201	2,296	7,547
Purcellville - Pedestrian Linkages	-	210	-	-	-	-	-	210	-	210
Budgetary Cost	17,210	21,421	3,745	4,933	3,225	3,317	3,411	40,052	13,644	70,906
Funding Source										
Local Tax Funding	-	-	-	1,800	-	-	-	1,800	-	1,800
Local Tax Funding - Roads	800	-	-	-	-	-	-	-	-	800
Fund Balance	789	-	-	-	-	-	-	-	-	789
Proffers (Cash)	482	-	-	-	-	-	-	-	-	482
NVTA 70%	-	12,112	-	-	-	-	-	12,112	-	12,112
NVTA 30%	15,139	9,309	3,745	3,133	3,225	3,317	3,411	26,140	13,644	54,923
Transit Fees	-	-	-	-	-	-	-	-	-	-
Total Funding Source	17,210	21,421	3,745	4,933	3,225	3,317	3,411	40,052	13,644	70,906



Town of Hillsboro

Traffic Calming and Pedestrian Safety

Project Description – C02148

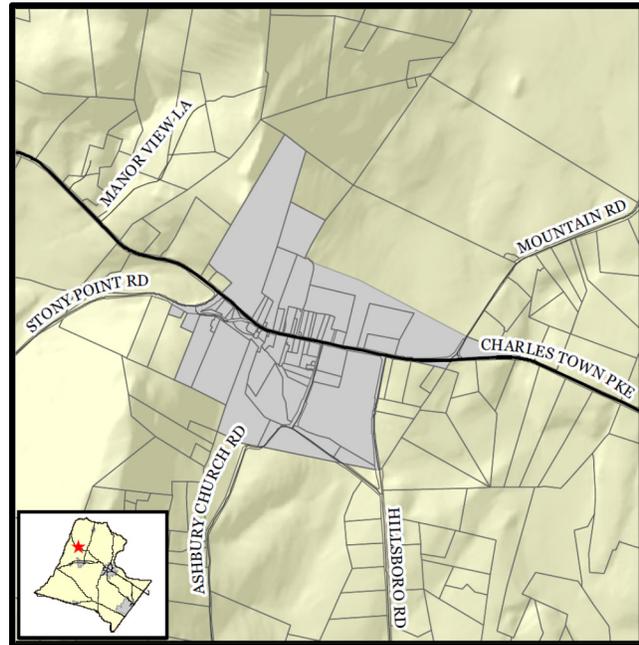
Each year, the County solicits capital project funding requests from towns within the County for facilities: 1) Owned by, or located within a town but operated by the County; or 2) For local pedestrian/transportation related improvements that benefit the County. As a capital expense, the funding for the projects are shown in the County's CIP.

Route 9 Traffic Calming and Pedestrian Safety Project

The FY 2018 CIP provided \$4,800,000 to the Town of Hillsboro to construct the middle portion of traffic calming and pedestrian safety improvements along Route 9 in Hillsboro.

For the FY 2019 CIP, the Town of Hillsboro is requesting an additional \$12,112,000 to complete the project. This funding will be paired with other resources provided by the Town to improve the Route 9 corridor through Hillsboro. With the requested funding, utilities undergrounding and installation of storm water facilities can be done simultaneously with the drinking water and wastewater pipe installation beneath Route 9, and the installation of surface traffic calming measures, sidewalks, and safe on-street parking.

This project is funded using State Revenue Sharing, NVTA 30% local funds, and NVTA 70% regional funds. All proposed uses of State Revenue Sharing funding are subject to funding allocation to the County by VDOT. NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional and local funding on County road projects are subject to award of the funding to the County by NVTA.



Election District

Blue Ridge

Capital (\$ in 1000s)	Prior	FY						6 Year	Future	Project
	Alloc.	2019	2020	2021	2022	2023	2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	12,112	-	-	-	-	-	12,112	-	12,112
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	5,282	-	-	-	-	-	-	-	-	5,282
Total Cost	5,282	12,112	-	-	-	-	-	12,112	-	17,394
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	800	-	-	-	-	-	-	-	-	800
Fund Balance	639	-	-	-	-	-	-	-	-	639
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	482	-	-	-	-	-	-	-	-	482
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	12,112	-	-	-	-	-	12,112	-	12,112
NVTA 30%	3,361	-	-	-	-	-	-	-	-	3,361
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	5,282	12,112	-	-	-	-	-	12,112	-	17,394



Town of Leesburg

Evergreen Mill Road Widening

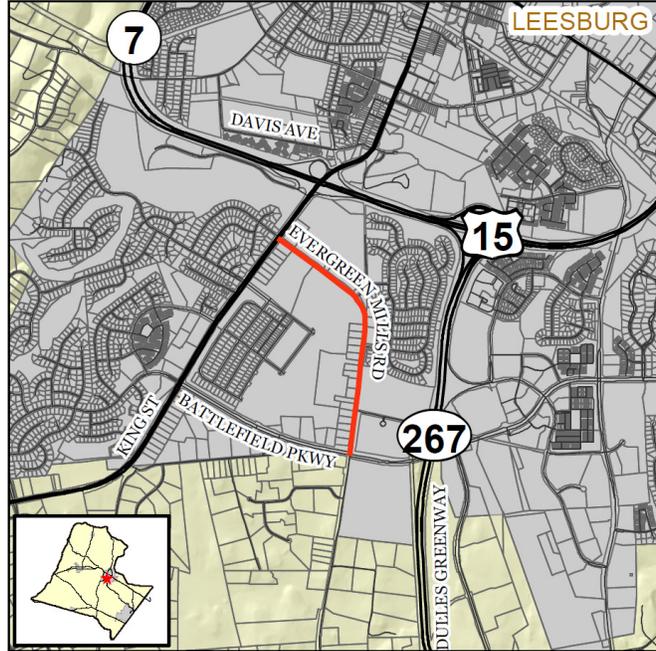
Project Description

Each year, the County solicits capital project funding requests from towns within the County for facilities: 1) Owned by, or located within, the town but operated by the County; or 2) For local pedestrian or transportation related improvements that benefit the County. As a capital expense, the funding for the projects are shown in the County's CIP. This project provides funding in FY 2019 for the following project in the Town of Leesburg:

Evergreen Mill Road Widening

This project will add two lanes to the two existing lanes on Evergreen Mill Road from South King Street (Route 15) to Battlefield Parkway. A sidewalk will be constructed on one side of the road with a shared use path on the other.

All proposed uses of NVTA 30% local funding on County road projects are subject to allocation of the funds to the County by NVTA.



Election District

Catoctin

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	1,800	-	-	-	1,800	-	1,800
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	4,200	-	-	-	-	-	4,200	-	4,200
Total Cost	-	4,200	-	1,800	-	-	-	6,000	-	6,000
Local Tax Funding	-	-	-	1,800	-	-	-	1,800	-	1,800
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	4,200	-	-	-	-	-	4,200	-	4,200
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	4,200	-	1,800	-	-	-	6,000	-	6,000



Town of Leesburg

NVTA Local Funding (30%)

Project Description – C02016

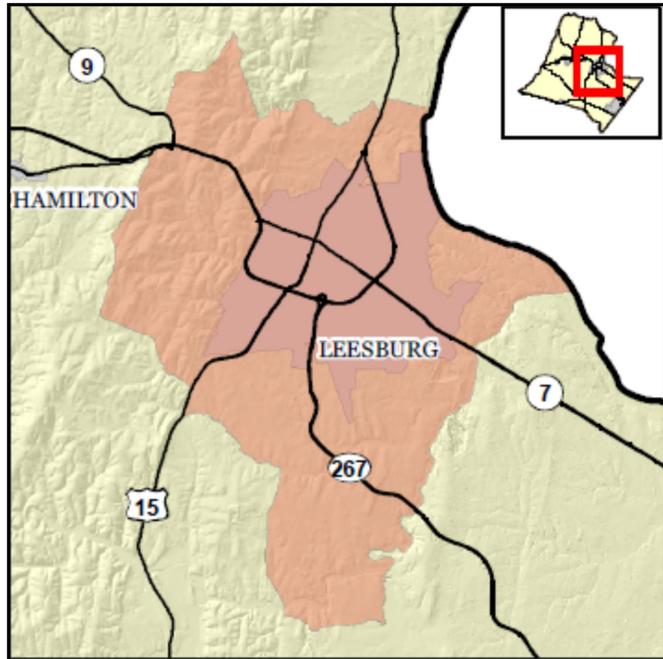
This project reports funding transfers made to the Town of Leesburg from the County's share of the NVTA 30% local funds. The Town of Leesburg is entitled to a portion of the County's 30% NVTA Local funds based upon the percentage of revenues generated within the Town from the sales, grantors, and hotel tax levies enacted by HB 2313 to fund NVTA regional transportation initiatives.

The Town must use its portion of the NVTA 30% local funds on eligible road and transportation projects; otherwise the County may withhold the Town's share of the local funds. The Town is using its portion of the FY 2019 30% local funds on the following projects through FY 2024:

- Evergreen Mills Road Widening (\$7,300,000)
- Sycolin Road Phase IV (\$500,000)
- Traffic Management System (\$450,000)
- Missing Link Sidewalk Projects (\$3,500,000)

The proposed projects are the responsibility of the Town of Leesburg.

This project is funded using NVTA 30% local funds. The figures depicted represent the estimated portion of the County's 30% local NVTA revenues due to the Town of Leesburg for use on Town related transportation projects. All estimates are subject to change based on actual revenue collected each year.



Election District

Leesburg, Catoctin

Capital (\$ in 1000s)	Prior								6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024				
Land	-	-	-	-	-	-	-	-	-	-	
Professional Services	-	-	-	-	-	-	-	-	-	-	
Construction	-	-	-	-	-	-	-	-	-	-	
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-	
Other	9,728	2,429	2,534	2,607	2,683	2,759	2,837	15,849	11,348	36,925	
Total Cost	9,728	2,429	2,534	2,607	2,683	2,759	2,837	15,849	11,348	36,925	
Local Tax Funding	-	-	-	-	-	-	-	-	-	-	
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-	
Fund Balance	-	-	-	-	-	-	-	-	-	-	
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-	
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-	
State Capital Assistance	-	-	-	-	-	-	-	-	-	-	
CMAQ	-	-	-	-	-	-	-	-	-	-	
RSTP	-	-	-	-	-	-	-	-	-	-	
Revenue Sharing	-	-	-	-	-	-	-	-	-	-	
NVTA 70%	-	-	-	-	-	-	-	-	-	-	
NVTA 30%	9,728	2,429	2,534	2,607	2,683	2,759	2,837	15,849	11,348	36,925	
Transit Fees	-	-	-	-	-	-	-	-	-	-	
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-	
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-	
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-	
Smart Scale	-	-	-	-	-	-	-	-	-	-	
Total Financing	9,728	2,429	2,534	2,607	2,683	2,759	2,837	15,849	11,348	36,925	



Town of Leesburg

Tuscarora Creek Trail

Project Description

Each year, the County solicits capital project funding requests from towns within the County for facilities: 1) Owned by, or located within a town but operated by the County; or 2) for local pedestrian or transportation related improvements that benefit the County. As a capital expense, the funding for the projects is shown in the County's CIP. This project provides funding in FY 2019 for the following project in the Town of Leesburg:

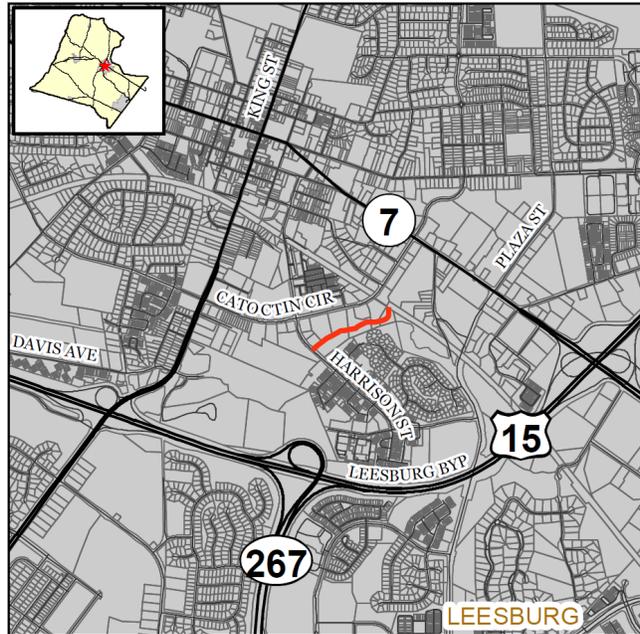
Tuscarora Creek Trail:

This project will design and construct a new ten foot-wide, 1,600 linear foot trail along the north side of Tuscarora Creek between Harrison Street and the Washington and Old Dominion (W&OD) Trail. The trail will provide pedestrian and bicycle access to connect a variety of public parks and facilities in the area including Brandon Park, Catoctin Skate Park, W&OD Trail, and the Douglass Community Center.

All proposed uses of NVTA 30% local funding on County road projects are subject to allocation of the funds to the County by NVTA.

Election District

Leesburg



Capital (\$ in 1000s)	Prior								6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total	
Land	-	-	-	-	-	-	-	-	-	-	
Professional Services	-	-	-	-	-	-	-	-	-	-	
Construction	-	-	-	-	-	-	-	-	-	-	
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-	
Other	-	1,800	-	-	-	-	-	1,800	-	1,800	
Total Cost	-	1,800	-	-	-	-	-	1,800	-	1,800	
Local Tax Funding	-	-	-	-	-	-	-	-	-	-	
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-	
Fund Balance	-	-	-	-	-	-	-	-	-	-	
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-	
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-	
State Capital Assistance	-	-	-	-	-	-	-	-	-	-	
CMAQ	-	-	-	-	-	-	-	-	-	-	
RSTP	-	-	-	-	-	-	-	-	-	-	
Revenue Sharing	-	-	-	-	-	-	-	-	-	-	
NVTA 70%	-	-	-	-	-	-	-	-	-	-	
NVTA 30%	-	1,800	-	-	-	-	-	1,800	-	1,800	
Transit Fees	-	-	-	-	-	-	-	-	-	-	
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-	
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-	
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-	
Smart Scale	-	-	-	-	-	-	-	-	-	-	
Total Financing	-	1,800	-	-	-	-	-	1,800	-	1,800	



Town of Lovettsville

Broadway Streetscape Phase 2A

Project Description – C02164

Each year, the County solicits capital project funding requests from towns within the County for facilities: 1) Owned by, or located within, the town but operated by the County; or 2) For local pedestrian or transportation related improvements that benefit the County. As a capital expense, the funding for the projects is shown in the County's CIP. This project provides funding for the following project in the Town of Lovettsville:

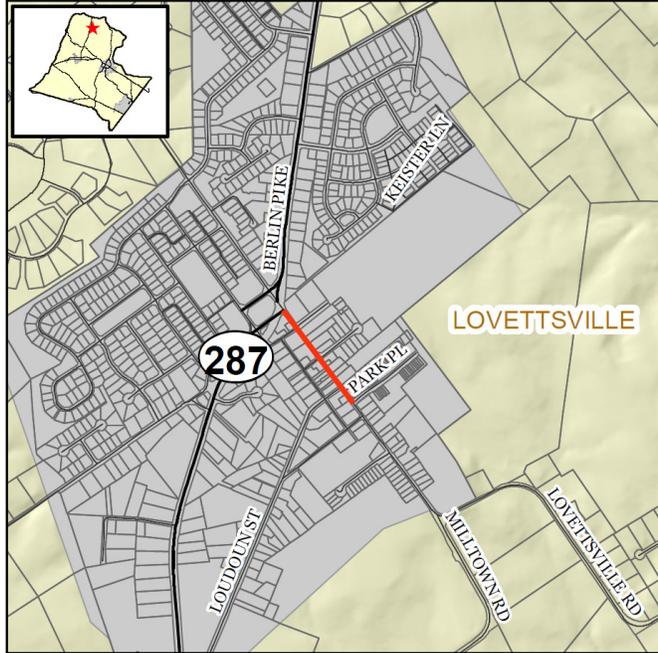
Lovettsville Sidewalk Improvements

The project provides for the ongoing design, right-of-way acquisition, and construction of sidewalk improvements along Broadway Street in the Town of Lovettsville from Park Place to Light Street. The proposed improvements help provide sidewalk and pedestrian access to County facilities, such as the Lovettsville Library and Lovettsville Community Center.

All proposed uses of NVTA 30% local funding on County road projects are subject to allocation of the funds to the County by NVTA.

Election District

Catoctin



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	150	-	-	-	-	-	-	-	-	150
Construction	-	-	700	-	-	-	-	700	-	700
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	180	-	-	-	-	-	180	-	180
Total Cost	150	180	700	-	-	-	-	880	-	1,030
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	150	-	-	-	-	-	-	-	-	150
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	180	700	-	-	-	-	880	-	880
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	150	180	700	-	-	-	-	880	-	1,030



Town of Purcellville

NVTA Local Funding (30%)

Project Description – C02017

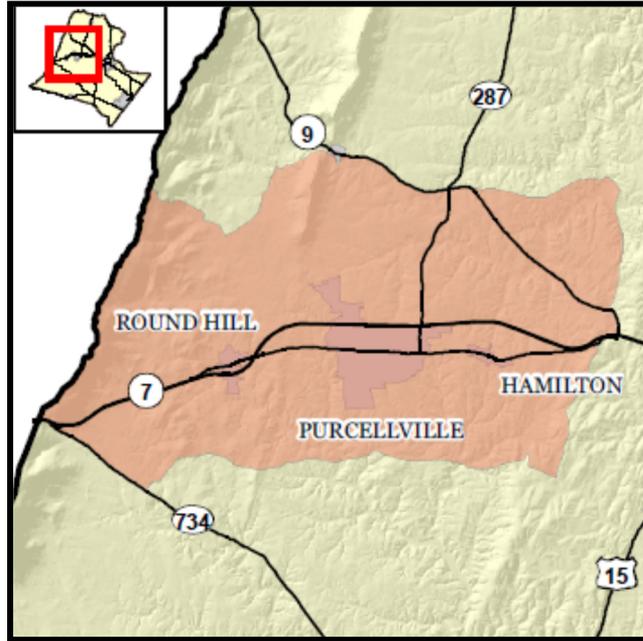
This project reports funding transfers made to the Town of Purcellville from the County's share of the NVTA 30% local funds. The Town of Purcellville is entitled to a portion of the County's funds based upon the percentage of revenues generated within the Town from the sales, grants, and hotel tax levies enacted by HB 2313 to fund NVTA regional transportation initiatives.

The Town must use its portion of the NVTA 30% local funds on eligible road and transportation projects; otherwise the County may withhold the Town's share of local funds. The Town is using its portion of the 30% local funds for the following projects from FY 2019 to FY 2024:

- Nursery Avenue Sidewalk Replacement from South 20th Street to K Street

The project is the responsibility of the Town of Purcellville and the Virginia Department of Transportation (VDOT).

This project is funded using NVTA 30% local funds. The figures depicted represent the estimated portion of the County's 30% Local NVTA revenues available to the Town of Purcellville for use on Town related transportation projects. All estimates are subject to change based on actual revenue collected each year.



Election District

Blue Ridge, Catoclin

Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	2,050	490	511	526	542	558	574	3,201	2,296	7,547
Total Cost	2,050	490	511	526	542	558	574	3,201	2,296	7,547
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	2,050	490	511	526	542	558	574	3,201	2,296	7,547
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	2,050	490	511	526	542	558	574	3,201	2,296	7,547



Town of Purcellville Pedestrian Linkages

Project Description

Each year, the County solicits capital project funding requests from towns within the County for facilities: 1.) Owned by, or located within, the town but operated by the County; or 2.) For local pedestrian/transportation related improvements that benefit the County. As a capital expense, the funding for the projects is shown in the County's CIP.

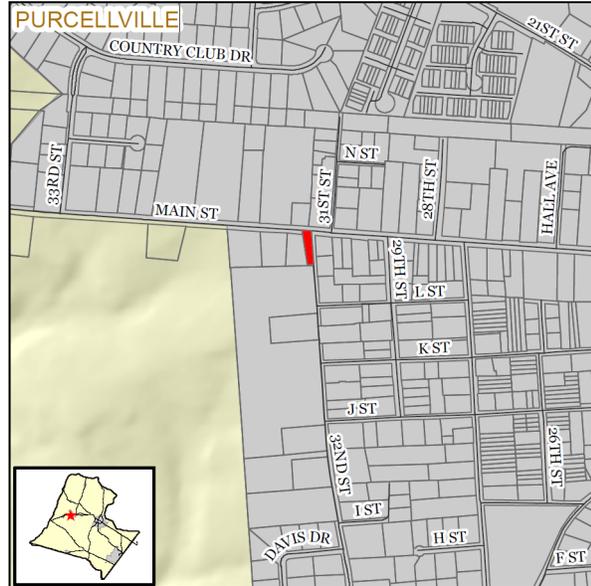
In FY 2019, this project provides funding for the Pedestrian Linkages Project in the Town of Purcellville.

This project would place a five foot-wide walkway along south 32nd Street from West Main Street to the beginning of the Ball Property line.

All proposed uses of NVTA 30% local funding on County road projects are subject to allocation of the funds to the County by NVTA.

Election District

Blue Ridge, Catoclin



Capital (\$ in 1000s)	Prior Alloc.	FY						6 Year Total	Future FY's	Project Total
		2019	2020	2021	2022	2023	2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	210	-	-	-	-	-	210	-	210
Total Cost	-	210	-	-	-	-	-	210	-	210
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	210	-	-	-	-	-	210	-	210
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	210	-	-	-	-	-	210	-	210





Capital Improvement Program

FY 2019 Adopted Budget

Transit



**Capital Improvement Program by Functional Area
Schedule of Appropriations**

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Transit										
Projects										
Metro Capital Contribution	-	-	16,400	24,900	28,300	29,100	29,700	128,400	112,000	240,400
Metro Station Area Pedestrian Improvements	5,717	-	-	-	5,400	9,760	9,760	24,920	-	30,637
Transit Buses - Acquisition	34,523	3,200	2,500	1,410	2,090	1,000	1,000	11,200	4,000	49,723
Western Loudoun Park and Ride Lot	4,376	300	-	700	1,300	1,633	-	3,933	-	8,309
Budgetary Cost	44,616	3,500	18,900	27,010	37,090	41,493	40,460	168,453	116,000	329,069
Funding Source										
Local Tax Funding	555	-	4,400	7,879	10,789	11,099	11,196	45,363	38,000	83,918
Local Tax Funding - Roads	335	-	-	-	-	-	-	-	-	335
Lease Revenue Financing	6,859	-	-	-	-	-	-	-	-	6,859
Proffers (Cash)	5,160	500	424	-	-	-	-	924	-	6,084
State Capital Assistance	19,065	500	500	-	-	-	-	1,000	-	20,065
CMAQ	9,538	150	-	-	5,400	3,960	3,960	13,470	-	23,008
RSTP	-	-	-	-	-	5,800	5,800	11,600	-	11,600
NVTA 70%	1,860	-	-	-	-	-	-	-	-	1,860
NVTA 30%	-	-	12,000	17,021	17,511	18,001	18,504	83,037	74,000	157,037
Transit Fees	-	-	76	-	-	1,000	1,000	2,076	4,000	6,076
Local Gasoline Tax	1,244	-	-	-	-	-	-	-	-	1,244
Smart Scale	-	2,350	1,500	2,110	3,390	1,633	-	10,983	-	10,983
Total Funding Source	44,616	3,500	18,900	27,010	37,090	41,493	40,460	168,453	116,000	329,069



Metro Capital Contribution

Project Description

As part of bringing the Silver Line Phase 2 to Loudoun County, the County has agreed to enter into a Capital Funding Agreement (CFA) with Washington Metropolitan Area Transit Authority (WMATA). The CFA outlines the obligations between the County and WMATA, including the annual contribution for system performance funds, fund contractual obligations WMATA makes during the term of the CFA, and long-term debt service beyond the expiration of the agreement.

This project provides an annual capital contribution to WMATA beginning in FY 2020.

This project is funded using NVTA 30% and local tax funds. All proposed uses of NVTA 30% local funding on County projects are subject to allocation of the funds to the County by NVTA.



Election District

Countywide

Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	16,400	24,900	28,300	29,100	29,700	128,400	112,000	240,400
Total Cost	--	--	16,400	24,900	28,300	29,100	29,700	128,400	112,000	240,400
Local Tax Funding	-	-	4,400	7,879	10,789	11,099	11,196	45,363	38,000	83,363
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	12,000	17,021	17,511	18,001	18,504	83,037	74,000	157,037
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	16,400	24,900	28,300	29,100	29,700	128,400	112,000	240,400



Metro Station Area Pedestrian Improvements

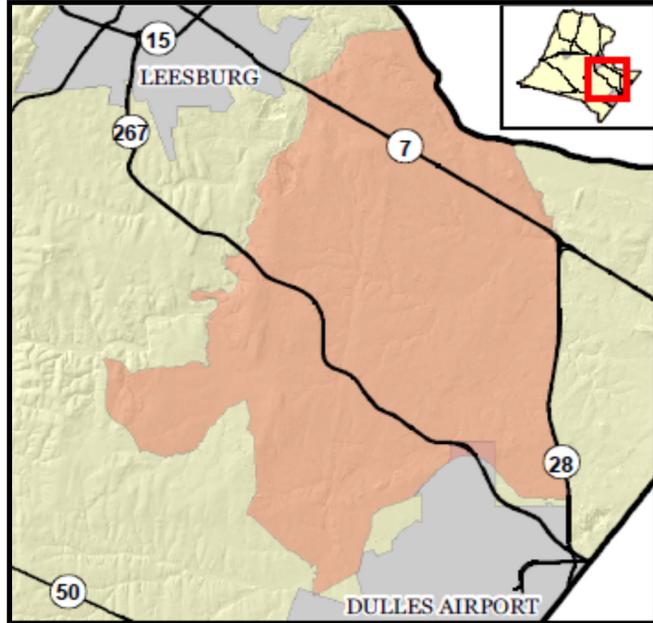
Project Description – C02159

This project provides for sidewalks, shared-use trails, crosswalks, and intersection improvements to enhance pedestrian access to Silver Line Metro Stations in Loudoun County.

This project is funded using Congestion Mitigation and Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) grant funds.

Election District

Countywide



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	5,717	-	-	-	5,400	9,760	9,760	24,920	-	30,637
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	5,717	-	-	-	5,400	9,760	9,760	24,920	-	30,637
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	5,717	-	-	-	5,400	3,960	3,960	13,320	-	19,037
RSTP	-	-	-	-	-	5,800	5,800	11,600	-	11,600
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Total Financing	5,717	-	-	-	5,400	9,760	9,760	24,920	-	30,637



Transit Bus Acquisition

Project Description – C02161

This project procures buses in support of the County's transit service. The first bus acquisition schedule was approved by the Board of Supervisors in FY 2004 and 22 buses were initially purchased. With the arrival of the Silver Line, the County is transitioning to transit-style buses, as recommended by the County's Transit Development Plan, to provide connections to Metrorail stations.

Transit buses will transport passengers to the most convenient Metrorail Stations on the Silver Line, initially the Wiehle-Reston East Station. Bus service will further transition to feeder service to Metrorail Stations within Loudoun County when they open for service in 2020.

The program's operations and maintenance expenses are funded through a combination of fare revenues, advertising fees, state operating assistance, and local tax funding.

The transit bus acquisition program is funded through a combination of State Capital Assistance grants, cash proffers, Smart Scale and excess prior year transit bus fee revenues. Smart Scale funds are awarded by VDOT on a competitive basis.



Election District

Countywide

Capital (\$ in 1000s)	Prior								6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total	
Land	-	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-	-
Other	34,523	3,200	2,500	1,410	2,090	1,000	1,000	11,200	4,000	49,723	
Total Cost	34,523	3,200	2,500	1,410	2,090	1,000	1,000	11,200	4,000	49,723	
Local Tax Funding	-	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	335	-	-	-	-	-	-	-	-	-	335
Fund Balance	-	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	5,160	500	424	-	-	-	-	924	-	6,084	
State Capital Assistance	19,065	500	500	-	-	-	-	1,000	-	20,065	
CMAQ	-	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-	-
NVTA 70%	1,860	-	-	-	-	-	-	-	-	-	1,860
NVTA 30%	-	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	76	-	-	1,000	1,000	2,076	4,000	6,076	
Lease Revenue Financing	6,859	-	-	-	-	-	-	-	-	6,859	
Local Gasoline Tax	1,244	-	-	-	-	-	-	-	-	1,244	
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-	
Smart Scale	-	2,200	1,500	1,410	2,090	-	-	7,200	-	7,200	
Total Financing	34,523	3,200	2,500	1,410	2,090	1,000	1,000	11,200	4,000	49,723	



Western Loudoun Park and Ride Lot

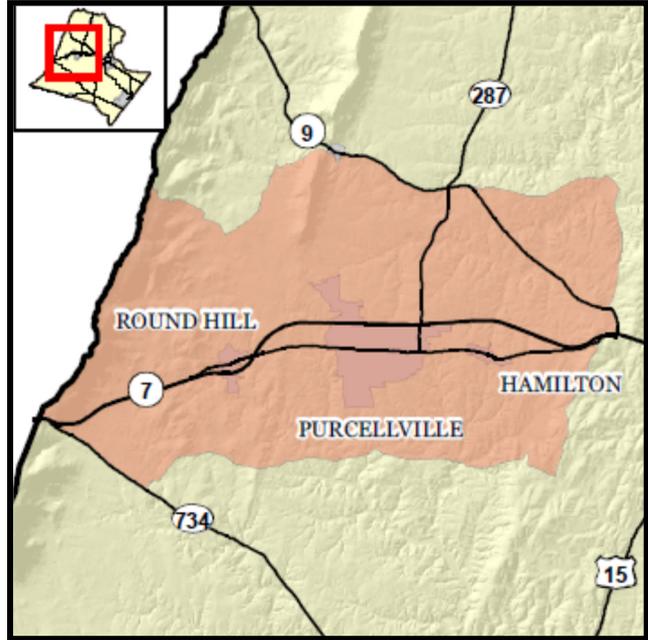
Project Description – C02085

This project provides for the design and construction of a minimum 250-space surface park and ride lot on a site adjacent to the proposed Fields Farm Park.

This project is funded using Smart Scale. Smart Scale funds are awarded by VDOT on a competitive basis. Congestion Mitigation and Air Quality (CMAQ) funds are also planned for this project.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	555	-	-	-	-	-	-	-	-	555
Professional Services	675	-	-	-	-	-	-	-	-	675
Construction	3,146	300	-	700	1,300	1,633	-	3,933	-	7,079
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	4,376	300	-	700	1,300	1,633	-	3,933	-	8,309
Local Tax Funding	555	-	-	-	-	-	-	-	-	555
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	3,821	150	-	-	-	-	-	150	-	3,971
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	150	-	700	1,300	1,633	-	3,783	-	3,783
Total Financing	4,376	300	-	700	1,300	1,633	-	3,933	-	8,309



Capital Improvement Program

FY 2019 Adopted Budget

Schools Capital Projects

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SCHOOLS CAPITAL PROJECTS

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Capital Improvement Program by Functional Area										
Schedule of Appropriations										
Capital (\$ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
School Projects										
Projects										
Elementary School	-	10,210	84,750	12,415	-	2,815	30,880	141,070	596,170	737,240
Middle School	-	-	-	-	11,585	88,775	-	100,360	250,260	350,620
High School	122,302	14,765	61,364	-	335	13,655	3,770	93,889	280,665	496,856
Division/Other School Projects	5,265	22,700	21,109	17,940	31,720	14,085	41,425	148,979	72,555	226,799
Budgetary Cost	127,567	47,675	167,223	30,355	43,640	119,330	76,075	484,298	1,199,650	1,811,515
Funding Source										
Local Tax Funding	12,565	10,750	7,365	2,695	335	3,205	-	24,350	-	36,915
General Obligation Bonds	113,252	33,123	151,458	14,640	35,090	103,695	67,100	405,106	1,161,465	1,679,823
Lease Revenue Financing	-	3,802	8,400	13,020	8,215	12,430	8,975	54,842	38,185	93,027
Proffers (Cash)	1,750	-	-	-	-	-	-	-	-	1,750
Total Funding Source	127,567	47,675	167,223	30,355	43,640	119,330	76,075	484,298	1,199,650	1,811,515





Capital Improvement Program

FY 2019 Adopted Budget

Elementary Schools



Capital Improvement Program by Functional Area										
Schedule of Appropriations										
Capital (\$ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
Elementary School										
Projects										
Algonkian ES Renovation	-	-	-	-	-	2,815	21,575	24,390	-	24,390
Cool Spring ES Renovation	-	-	-	-	-	-	2,940	2,940	22,115	25,055
ES-23 Dulles North	-	5,105	39,130	-	-	-	-	44,235	-	44,235
ES-24 Central Loudoun	-	-	-	-	-	-	6,365	6,365	47,830	54,195
ES-29 Dulles South	-	5,105	39,130	-	-	-	-	44,235	-	44,235
ES - Three Classroom Addition - Countywide	-	-	-	12,415	-	-	-	12,415	-	12,415
Future ES Renovations and Construction	-	-	-	-	-	-	-	-	526,225	526,225
Three Classroom Addition - Steuart W. Weller ES/Dominion Trail	-	-	6,490	-	-	-	-	6,490	-	6,490
Budgetary Cost	-	10,210	84,750	12,415	-	2,815	30,880	141,070	596,170	737,240
Funding Source										
Local Tax Funding	-	-	6,490	-	-	-	-	6,490	-	6,490
General Obligation Bonds	-	10,210	78,260	12,415	-	2,815	30,880	134,580	596,170	730,750
Total Funding Source	-	10,210	84,750	12,415	-	2,815	30,880	141,070	596,170	737,240



Algonkian Elementary School Renovation

Project Description

Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar aspects of a facility) as needed. The purpose is to protect the capital investment in the school facility while extending the lifecycle of the critical systems and renewal items an additional 30 years.

This project was previously identified as "Elementary School Renovation 1" in the FY 2018 CIP.

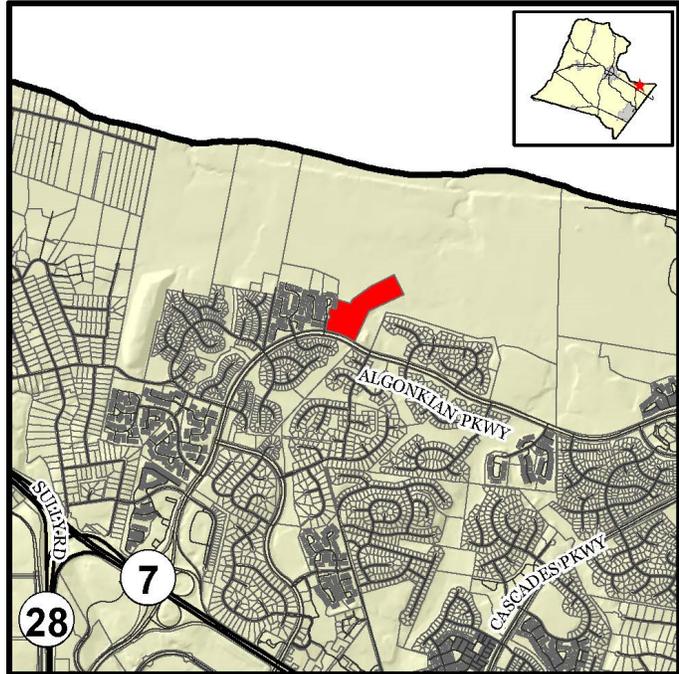
Authorization to sell general obligation bonds will be scheduled for placement on the November 2021 referendum.

Project Location

Algonkian

Project Completion / Open Date

Fall 2025 (2025-26 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	2,815	-	2,815	-	2,815
Construction	-	-	-	-	-	-	21,575	21,575	-	21,575
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	2,815	21,575	24,390	-	24,390
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	2,815	21,575	24,390	-	24,390
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	2,815	21,575	24,390	-	24,390
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	-	281	281		
Total Impact		-	-	-	-	-	281	281		



Cool Spring Elementary School Renovation

Project Description

Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar aspects of a facility) as needed. The purpose is to protect the capital investment in the school facility while extending the lifecycle of the critical systems and renewal items an additional 30 years.

This project was previously identified as "Elementary School Renovation 2" in the FY 2018 CIP.

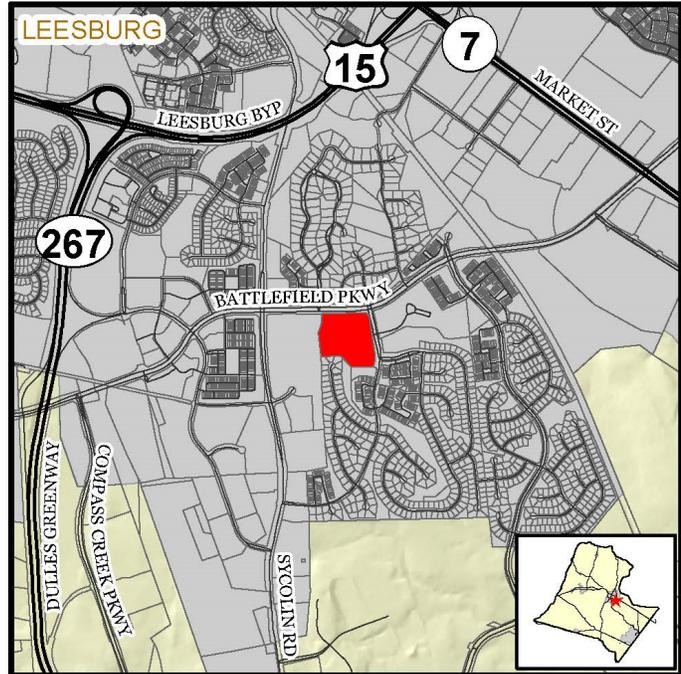
Authorization to sell general obligation bonds will be scheduled for placement on the November 2022 referendum.

Project Location

Leesburg

Project Completion / Open Date

Fall 2026 (2026-27 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	2,940	2,940	-	2,940
Construction	-	-	-	-	-	-	-	-	19,600	19,600
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	2,515	2,515
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	2,940	2,940	22,115	25,055
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	2,940	2,940	22,115	25,055
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	2,940	2,940	22,115	25,055



(ES-23) Dulles North Area Elementary School

Project Description

The elementary school will be built using the prototypical two-story elementary school design. The estimated 106,323-square-foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 937, the elementary school will include classrooms, a media center, cafeteria, multipurpose room and two unlighted outdoor physical education fields.

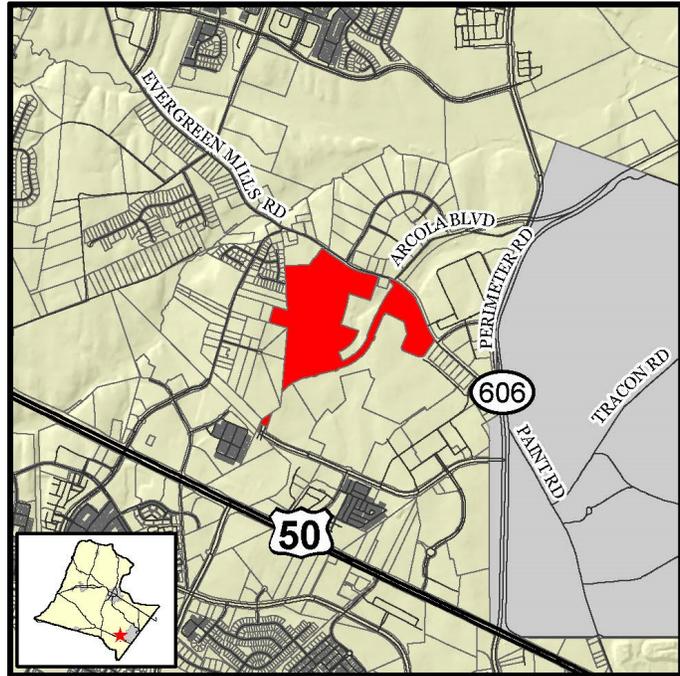
This project is funded using general obligation bonds that will be scheduled for placement on the November 2018 referendum.

Project Location

ES-23 will be located on a proffered site within the Arcola Center development (Dulles North Planning District).

Project Completion / Open Date

Fall 2021 (2021-22 School Year)



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
	Alloc.									
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	5,105	-	-	-	-	-	5,105	-	5,105
Construction	-	-	39,130	-	-	-	-	39,130	-	39,130
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	5,105	39,130	-	-	-	-	44,235	-	44,235
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	5,105	39,130	-	-	-	-	44,235	-	44,235
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	5,105	39,130	-	-	-	-	44,235	-	44,235

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	510	1,998	3,478	4,680	4,549	15,215
Total Impact	-	510	1,998	3,478	4,680	4,549	15,215



(ES-24) Central Loudoun Area Elementary School

Project Description

The elementary school will be built using the prototypical two-story elementary school design. The estimated 106,323-square-foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 937, the elementary school will include classrooms, a media center, cafeteria, multipurpose room and two unlighted outdoor physical education fields.

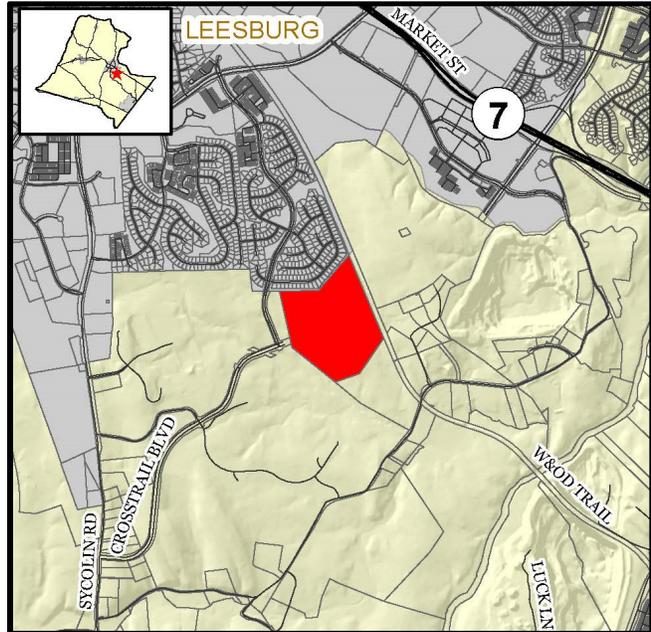
This project is funded using general obligation bonds that will be scheduled for placement on the November 2022 referendum.

Project Location

ES-24 will be located on a proffered site within the Tuscarora Crossing development (Central Loudoun Planning District).

Project Completion / Open Date

Fall 2026 (2026-2027 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	6,365	6,365	-	6,365
Construction	-	-	-	-	-	-	-	-	47,830	47,830
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	6,365	6,365	47,830	54,195
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	6,365	6,365	47,830	54,195
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	6,365	6,365	47,830	54,195



(ES-29) Dulles South Area Elementary School

Project Description

The elementary school will be built using the prototypical two-story elementary school design. The estimated 106,323-square-foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 937, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and two unlighted outdoor physical education fields.

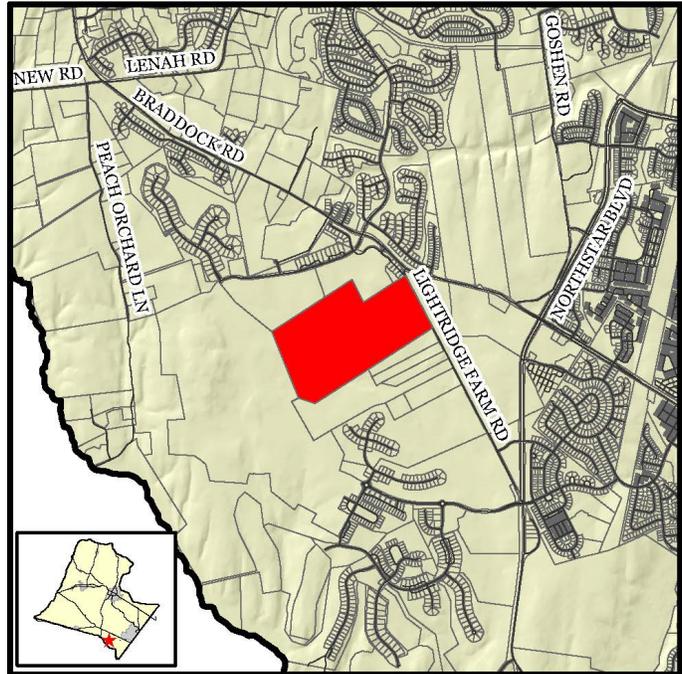
This project is funded using general obligation bonds that will be scheduled for placement on the November 2018 referendum.

Project Location

ES-29 will be co-located with Lightridge High School (HS-9) and a County park on a purchased site off Lightridge Farm Road.

Project Completion / Open Date

Fall 2021 (2021-2022 School Year)



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	5,105	-	-	-	-	-	5,105	-	5,105
Construction	-	-	39,130	-	-	-	-	39,130	-	39,130
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	5,105	39,130	-	-	-	-	44,235	-	44,235
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	5,105	39,130	-	-	-	-	44,235	-	44,235
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	5,105	39,130	-	-	-	-	44,235	-	44,235
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	510	1,998	3,478	4,680	4,549	15,215		
Total Impact		-	510	1,998	3,478	4,680	4,549	15,215		



Elementary School Three-Classroom Additions – Countywide

Project Description

A three-classroom addition, of approximately 4,300 square feet each, for four elementary schools in FY 2021. These additions will facilitate the expansion of full-day kindergarten or other elementary instruction needs.

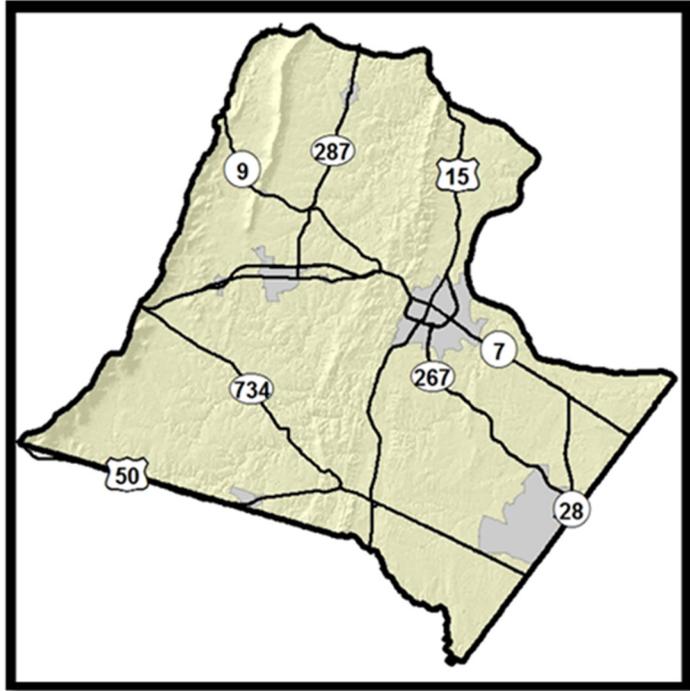
This project is funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.

Project Location

TBD

Project Completion / Open Date

Fall 2022 (2022-23 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	12,415	-	-	-	12,415	-	12,415
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	12,415	-	-	-	12,415	-	12,415
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	12,415	-	-	-	12,415	-	12,415
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	12,415	-	-	-	12,415	-	12,415
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	320	632	1,005	1,957		
Total Impact		-	-	-	320	632	1,005	1,957		

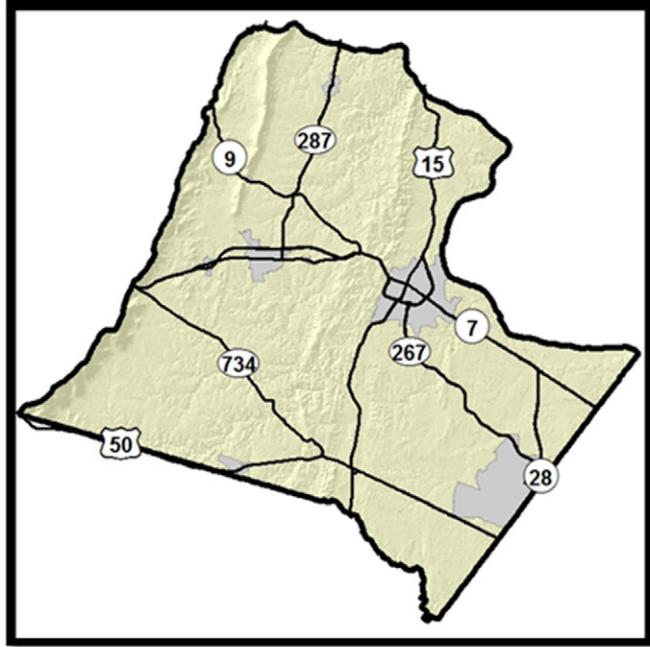


Future Elementary School Renovations and Construction

Project Description

Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar aspects of a facility) as needed. The purpose is to protect the capital investment in school facilities while extending the lifecycle of critical systems and renewal items an additional 30 years.

The new construction of elementary schools will be built using the prototypical two-story elementary school design. The estimated 106,323-square-foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 937, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and two unlighted outdoor physical education fields.



Project Location

Countywide

Renovation Completion / Open Date

Fall 2027/2028	Ashburn ES Potowmack ES
Fall 2028/2029	Lowes Island ES Horizon ES
Fall 2029/2030:	Dominion Trail ES Sanders Corner ES Evergreen Mill ES Cedar Lane ES Selden's Landing ES John W. Tolbert Jr. ES
Fall 2030/2031	Ball's Bluff ES Little River ES Mill Run ES

New Facility Completion / Open Date

Fall 2028/2029:	ES-34
Fall 2030/2031:	ES-36

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	62,190	62,190
Construction	-	-	-	-	-	-	-	-	464,035	464,035
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	526,225	526,225
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	526,225	526,225
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	526,225	526,225



Three-Classroom Additions - Steuart W. Weller & Dominion Trail Elementary Schools

Project Description

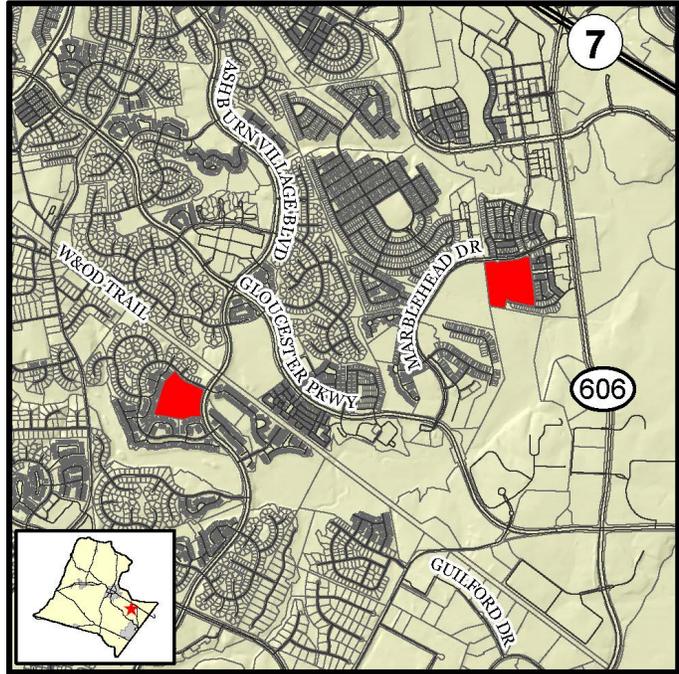
A three-classroom addition, of approximately 4,300 square feet each, at Steuart W. Weller Elementary School and Dominion Trail Elementary School will facilitate the expansion of full-day kindergarten or other elementary instruction needs.

Project Location

Ashburn

Project Completion / Open Date

Fall 2021 (2021-22 School Year)



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	6,490	-	-	-	-	6,490	-	6,490
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	6,490	-	-	-	-	6,490	-	6,490
Local Tax Funding	-	-	6,490	-	-	-	-	6,490	-	6,490
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	6,490	-	-	-	-	6,490	-	6,490



Capital Improvement Program

FY 2019 Adopted Budget

Middle Schools



Capital Improvement Program by Functional Area Schedule of Appropriations										
Capital (\$ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
Middle School										
Projects										
Farmwell Station MS Renovation	-	-	-	-	-	-	-	-	67,760	67,760
Harper Park MS Renovation	-	-	-	-	-	-	-	-	69,305	69,305
MS-14, Dulles North	-	-	-	-	11,585	88,775	-	100,360	-	100,360
MS-19	-	-	-	-	-	-	-	-	113,195	113,195
Budgetary Cost	-	-	-	-	11,585	88,775	-	100,360	250,260	350,620
Funding Source										
General Obligation Bonds	-	-	-	-	11,585	88,775	-	100,360	250,260	350,620
Total Funding Source	-	-	-	-	11,585	88,775	-	100,360	250,260	350,620



Farmwell Station Middle School Renovation

Project Description

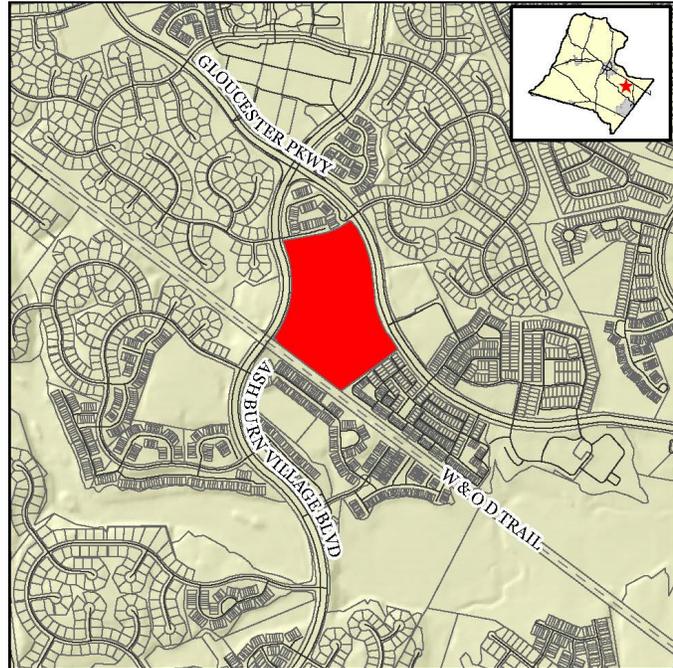
Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar aspects of a facility) as needed. The purpose is to protect the capital investment in the school facility while extending the lifecycle of the critical systems and renewal items an additional 30 years.

Project Location

Ashburn

Project Completion / Open Date

Fall 2028 (2028-29 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	7,955	7,955
Construction	-	-	-	-	-	-	-	-	59,805	59,805
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	67,760	67,760
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	67,760	67,760
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	67,760	67,760



Harper Park Middle School Renovation

Project Description

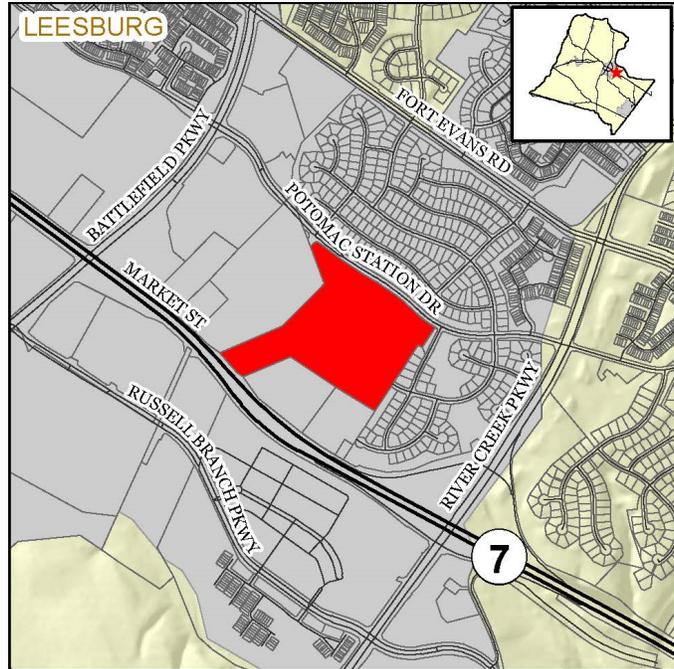
Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar aspects of a facility) as needed. The purpose is to protect the capital investment in the school facility while extending the lifecycle of the critical systems and renewal items an additional 30 years.

Project Location

Leesburg

Project Completion / Open Date

Fall 2031 (2031-32 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	8,315	8,315
Construction	-	-	-	-	-	-	-	-	60,990	60,990
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	69,305	69,305
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	69,305	69,305
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	69,305	69,305



(MS-14) Dulles North Area Middle School

Project Description

The middle school will be built using the prototypical two-story middle school design. The estimated 184,593-square-foot building will serve students in grades six through eight. With an anticipated program capacity of 1,350, the middle school design will utilize the 'house' concept for each grade and will include classrooms, a media center, cafeteria, auditorium, gymnasium, auxiliary gymnasium and three unlighted outdoor physical education fields.

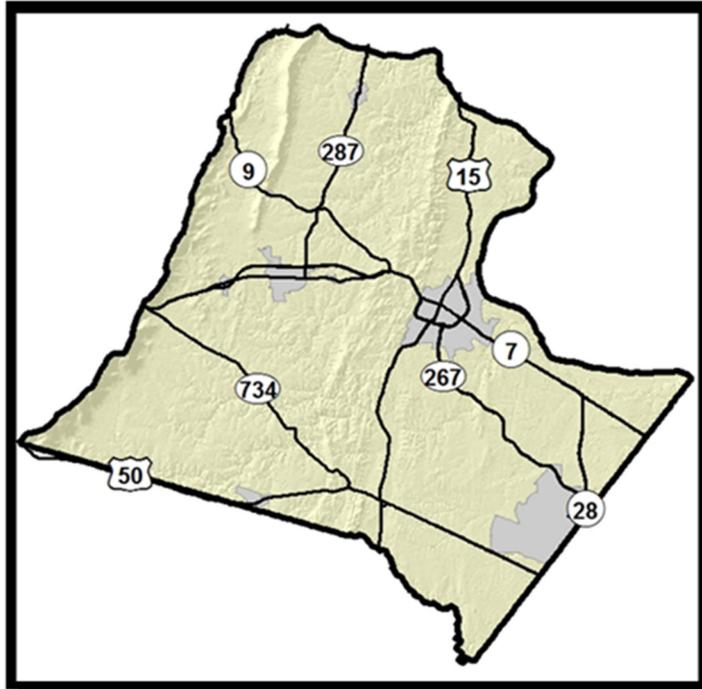
Authorization to sell general obligation bonds will be scheduled for placement on the November 2020 referendum.

Project Location

A 35-acre site will need to be acquired in the Dulles North planning district.

Project Completion / Open Date

Fall 2025 (2025-2026 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	11,585	-	-	11,585	-	11,585
Construction	-	-	-	-	-	78,690	-	78,690	-	78,690
Furniture, Fixtures & Equip	-	-	-	-	-	10,085	-	10,085	-	10,085
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	11,585	88,775	-	100,360	-	100,360
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	11,585	88,775	-	100,360	-	100,360
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	11,585	88,775	-	100,360	-	100,360
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service	-	-	-	-	-	500	1,488	1,988		
Total Impact	-	-	-	-	-	500	1,488	1,988		



(MS-19) Middle School

Project Description

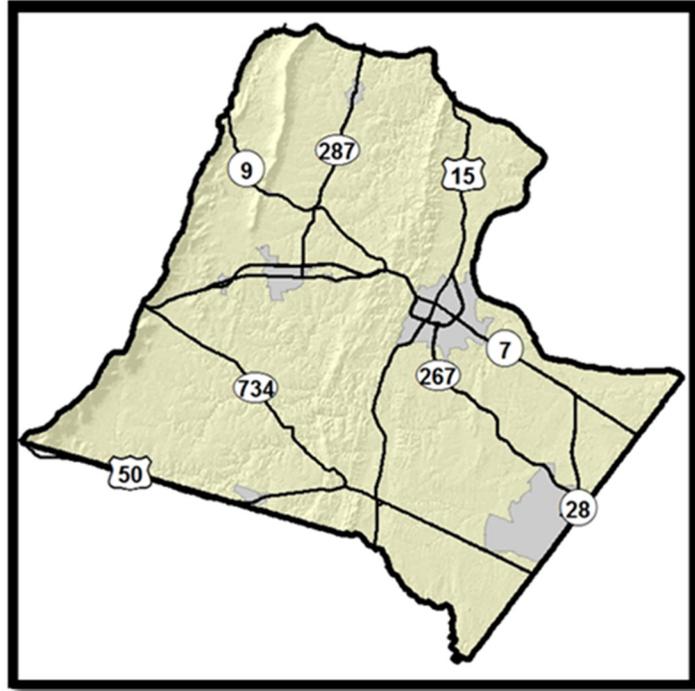
The middle school will be built using the prototypical two-story middle school design. The estimated 184,593 square foot building will serve students in grades six through eight. With an anticipated program capacity of 1,350, the middle school design will utilize the 'house' concept for each grade and will include classrooms, a media center, cafeteria, auditorium, gymnasium, auxiliary gymnasium and three unlighted outdoor physical education fields.

Project Location

TBD

Project Completion / Open Date

Fall 2029 (2029-2030 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	13,290	13,290
Construction	-	-	-	-	-	-	-	-	99,905	99,905
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	113,195	113,195
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	113,195	113,195
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	113,195	113,195



Capital Improvement Program

FY 2019 Adopted Budget

High Schools



Capital Improvement Program by Functional Area Schedule of Appropriations										
Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
High School										
Projects										
CS Monroe Technology Center	1,750	1,829	61,364	-	-	-	-	63,193	-	64,943
HS-9 Lightridge High School	116,752	8,788	-	-	-	-	-	8,788	-	125,540
HS-14, Dulles North	-	-	-	-	-	-	-	-	182,605	182,605
HS - Baseball/Softball Press Boxes	-	-	-	-	-	3,205	-	3,205	-	3,205
HS - Stadium Synthetic Turf & Track Resurface	3,800	4,148	-	-	-	-	-	4,148	-	7,948
HS - Tennis Courts Lighting	-	-	-	-	-	3,610	3,770	7,380	3,865	11,245
HS - Weight Room Expansion	-	-	-	-	-	6,840	-	6,840	-	6,840
Modular Classroom Removal - Briar Woods HS	-	-	-	-	335	-	-	335	-	335
Potomac Falls HS Renovation	-	-	-	-	-	-	-	-	94,195	94,195
Budgetary Cost	122,302	14,765	61,364	-	335	13,655	3,770	93,889	280,665	496,856
Funding Source										
Local Tax Funding	7,300	10,000	-	-	335	3,205	-	13,540	-	20,840
General Obligation Bonds	113,252	4,765	61,364	-	-	10,450	3,770	80,349	280,665	474,266
Proffers (Cash)	1,750	-	-	-	-	-	-	-	-	1,750
Total Funding Source	122,302	14,765	61,364	-	335	13,655	3,770	93,889	280,665	496,856



C.S. Monroe Technology Center – Douglass School Renovations

Project Description

With the 2018-19 opening of the Academies of Loudoun, the existing C.S. Monroe Technology Center will be vacated and renovated. The renovation will allow for the relocation of the Douglass School program as well as provide additional instructional space to increase student enrollment in several new alternative instructional programs. The C.S. Monroe site renovation project will also provide a central location for administrative functions of the Adult Education program, an English Language Learners (ELL) center, Head Start, STEP (Starting Towards Excellence in Preschool), and Pupil Services spaces – programs currently housed at the LCPS Administration Building, Union Street and/or Round Hill Support Facility. Once the Douglass School program has been relocated, renovation of the Douglass School building will provide flexible office space to be used by LCPS to address future department growth.

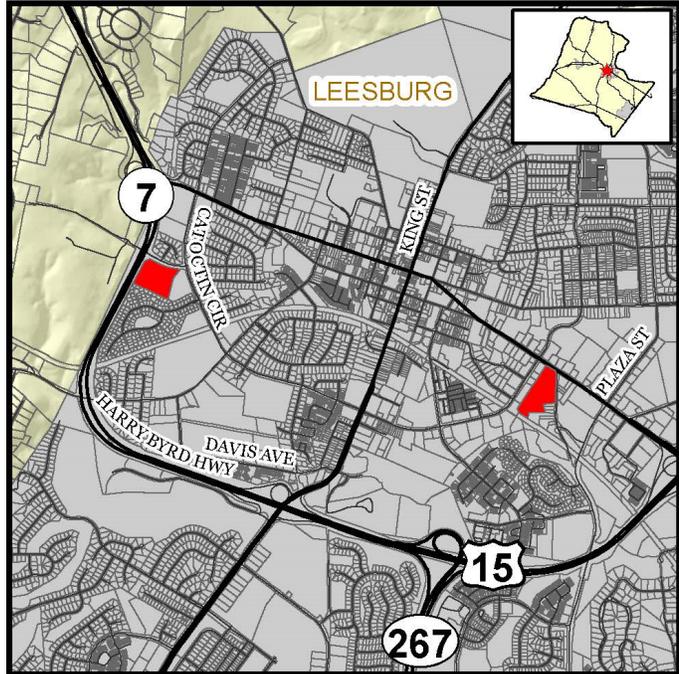
This project is funded using general obligation bonds that were approved on the November 2017 referendum.

Project Location

C.S. Monroe Technology Center & Douglass School

Project Completion / Open Date

C.S. Monroe Technology Center, Fall 2021 (2021-22 School Year)
Douglass School, Fall 2022 (2022-23 School Year)



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	1,750	1,829	-	-	-	-	-	1,829	-	3,579
Construction	-	-	61,364	-	-	-	-	61,364	-	61,364
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	1,750	1,829	61,364	-	-	-	-	63,193	-	64,943
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	1,829	61,364	-	-	-	-	63,193	-	63,193
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	1,750	-	-	-	-	-	-	-	-	1,750
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	1,750	1,829	61,364	-	-	-	-	63,193	-	64,943
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	182	1,246	3,118	4,599	6,000	15,144		
Total Impact		-	182	1,246	3,118	4,599	6,000	15,144		



(HS-9) Lightridge High School

Project Description

The high school will be built using the prototypical two-story high school design. The estimated 305,133-square-foot building will serve students in grades nine through twelve. With an anticipated program capacity of 1,800, the high school will include classrooms, a media center, cafeteria, auditorium, gymnasium, auxiliary gymnasium, outdoor physical education fields, and other associated spaces to support the high school program.

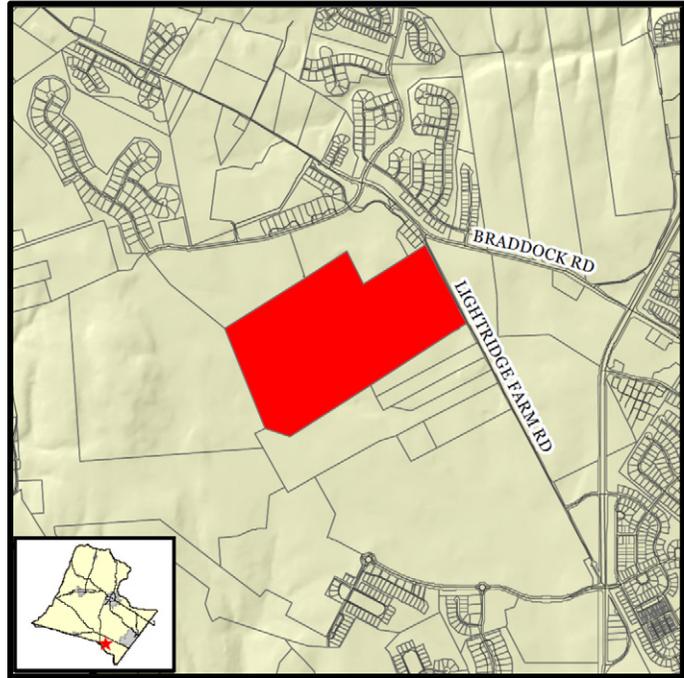
This project is funded using general obligation bonds that were approved on the November 2016 referendum.

Project Location

Lightridge HS will be co-located with ES-29 and a County park on a purchased site off Lightridge Farm Road.

Project Completion / Open Date

Fall 2020 (2020-21 School Year)



Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	7,532	-	-	-	-	-	-	-	-	7,532
Construction	109,220	-	-	-	-	-	-	-	-	109,220
Furniture, Fixtures & Equip	-	8,788	-	-	-	-	-	8,788	-	8,788
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	116,752	8,788	-	-	-	-	-	8,788	-	125,540
Local Tax Funding	3,500	8,788	-	-	-	-	-	8,788	-	12,288
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	113,252	-	-	-	-	-	-	-	-	113,252
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	116,752	8,788	-	-	-	-	-	8,788	-	125,540
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	2,292	5,675	8,777	9,047	8,816	34,607		
Total Impact		-	2,292	5,675	8,777	9,047	8,816	34,607		



(HS-14) Dulles North Area High School

Project Description

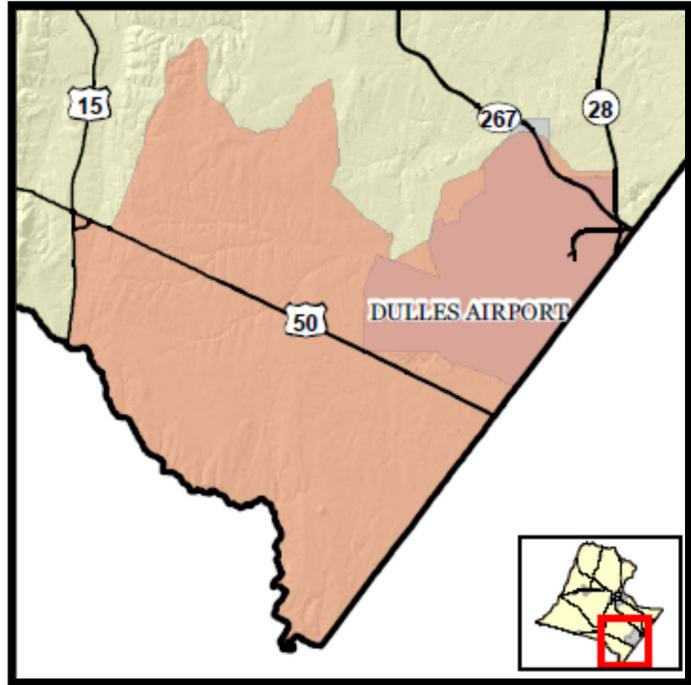
The high school will be built using the prototypical two-story high school design. The estimated 305,133-square-foot building will serve students in grades nine through twelve. With an anticipated program capacity of 1,800, the high school will include classrooms, a media center, cafeteria, auditorium, gymnasium, auxiliary gymnasium, outdoor physical education fields and other associated spaces to support the high school program.

Project Location

TBD - A 75-acre site will need to be acquired in the Dulles North planning district. Funding for land acquisition is included in the County Land Acquisition Fund in FY 2023.

Project Completion / Open Date

Fall 2030 (2030-31 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	21,440	21,440
Construction	-	-	-	-	-	-	-	-	161,165	161,165
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	182,605	182,605
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	182,605	182,605
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	182,605	182,605



High School Baseball/Softball Press Boxes

Project Description

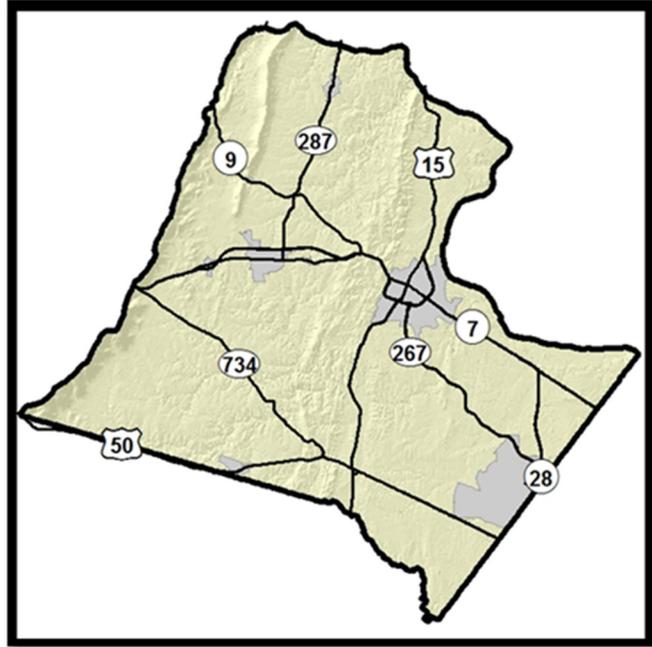
The project will involve the construction of 12 new press boxes, including storage space, at the baseball and softball fields at Dominion, Heritage, Loudoun County, Park View, and Potomac Falls High Schools.

Project Location

Six High Schools: Briar Woods High School, Dominion High School, Heritage High School, Loudoun County High School, Park View High School, Potomac Falls High School

Project Completion / Open Date

Fall 2024 (2024-25 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	3,205	-	3,205	-	3,205
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	3,205	-	3,205	-	3,205
Local Tax Funding	-	-	-	-	-	3,205	-	3,205	-	3,205
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	3,205	-	3,205	-	3,205

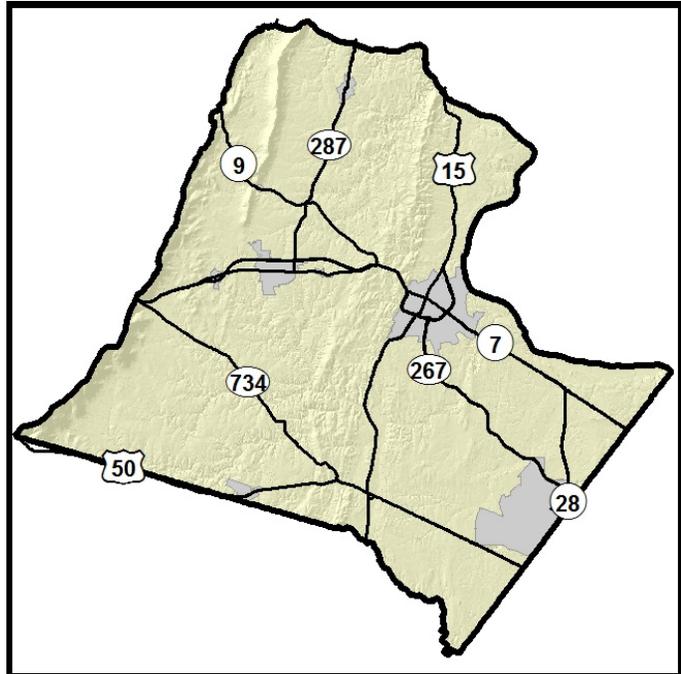


High School Stadium Synthetic Turf & Track Resurfacing

Project Description

The synthetic turf and track resurfacing project will provide one synthetic turf field per school. Each school is located in an area of the county where available recreational fields are in short supply and the installation of synthetic turf would allow for year-round use of the field by LCPS and other organizations and groups, per School Board policy.

This project is funded using general obligation bonds that were approved on the November 2017 referendum.



Phase I

Locations

Dominion High School
Heritage High School

Completion

Fall 2017 (2017-18 School Year)

Phase II

Location

Briar Woods High School
Freedom High School

Completion

Fall 2019 (2019-20 School Year)

Capital (\$ in 1000s)	Prior							6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	3,800	4,148	-	-	-	-	-	4,148	-	7,948
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	3,800	4,148	-	-	-	-	-	4,148	-	7,948
Local Tax Funding	3,800	1,212	-	-	-	-	-	1,212	-	5,012
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	2,936	-	-	-	-	-	2,936	-	2,936
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	3,800	4,148	-	-	-	-	-	4,148	-	7,948

Operating Impact (\$ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	100	289	282	275	268	1,214
Total Impact	-	100	289	282	275	268	1,214



High School Tennis Court Lighting

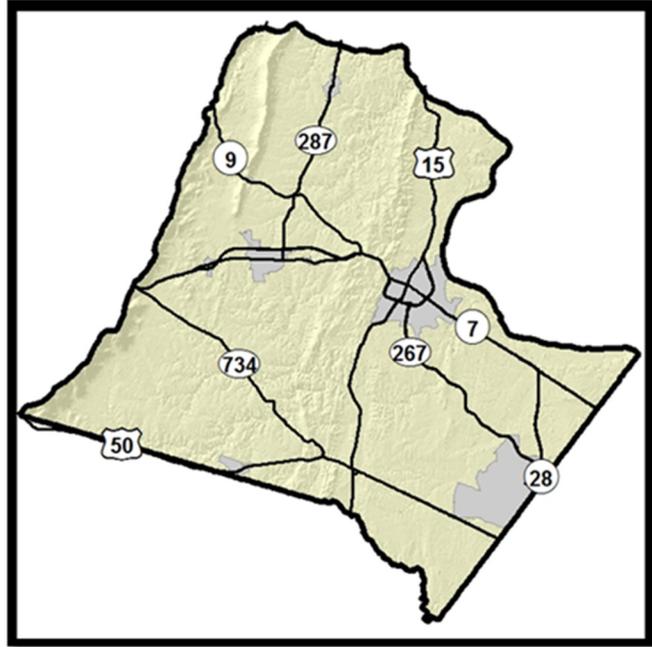
Project Description

Beginning with FY2023, over a three-year period, funding is requested to provide for the placement of tennis court lights at each existing LCPS high school; lighting at five schools will be completed each fiscal year over the three-year period. The installation of lights will allow teams to wait out weather delays, avoid the postponement of matches due to loss of light, and enable students to stay in school for the entire instruction day for regular season matches while still completing full length matches.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2021 referendum.

Project Location

15 High Schools: Briar Woods High School, Broad Run High School, Dominion High School, Freedom High School, Heritage High School, John Champe High School, Loudoun County High School, Loudoun Valley High School, Park View High School, Potomac Falls High School, Riverside High School, Rock Ridge High School, Stone Bridge High School, Tuscarora High School, Woodgrove High School



Project Completion / Open Date

Phased: Five Schools per year, beginning Fall 2024 (2024-25 School Year)

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	3,610	3,770	7,380	3,865	11,245
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	3,610	3,770	7,380	3,865	11,245
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	3,610	3,770	7,380	3,865	11,245
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	3,610	3,770	7,380	3,865	11,245
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	-	100	100		
Total Impact		-	-	-	-	-	100	100		



High School Weight Room Expansions

Project Description

Expansion of the existing weight rooms at Dominion High School, Heritage High School, and Potomac Falls High School is recommended to accommodate the increased participation and team/sport opportunities at the high school level. Current prototype high schools have additional space to address the increased need.

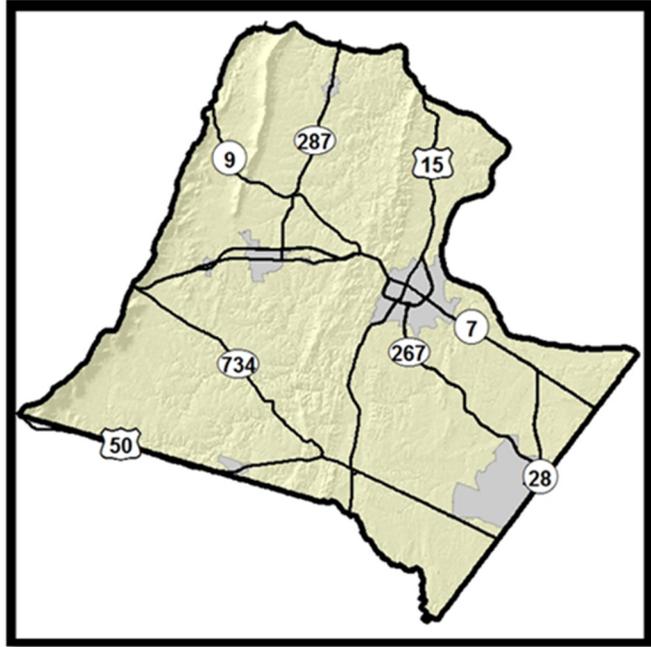
Authorization to sell general obligation bonds will be scheduled for placement on the November 2021 referendum.

Project Location

Three High Schools: Dominion High School, Heritage High School, Potomac Falls High School

Project Completion / Open Date

Fall 2024 (2024-25 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	6,840	-	6,840	-	6,840
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	6,840	-	6,840	-	6,840
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	6,840	-	6,840	-	6,840
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	6,840	-	6,840	-	6,840
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	-	129	129		
Total Impact		-	-	-	-	-	129	129		



Modular Classroom Removal – Briar Woods High School

Project Description

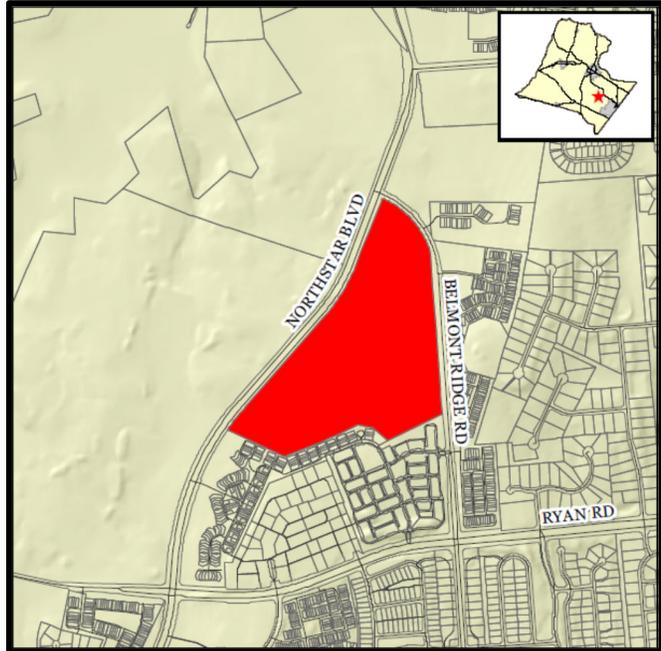
Funding will allow for the removal of ten modular classrooms from the Briar Woods High School site at the end of the 2020-21 school year. The modulares will not be available for relocation.

Project Location

Briar Woods High School

Project Completion / Open Date

Modulars to be removed Summer 2021, prior to the start of the 2021-22 School Year.



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	335	-	-	335	-	335
Total Cost	-	-	-	-	335	-	-	335	-	335
Local Tax Funding	-	-	-	-	335	-	-	335	-	335
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	335	-	-	335	-	335



Potomac Falls High School Renovation

Project Description

Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar aspects of a facility) as needed. The purpose is to protect the capital investment in the school facility while extending the lifecycle of the critical systems and renewal items an additional 30 years.

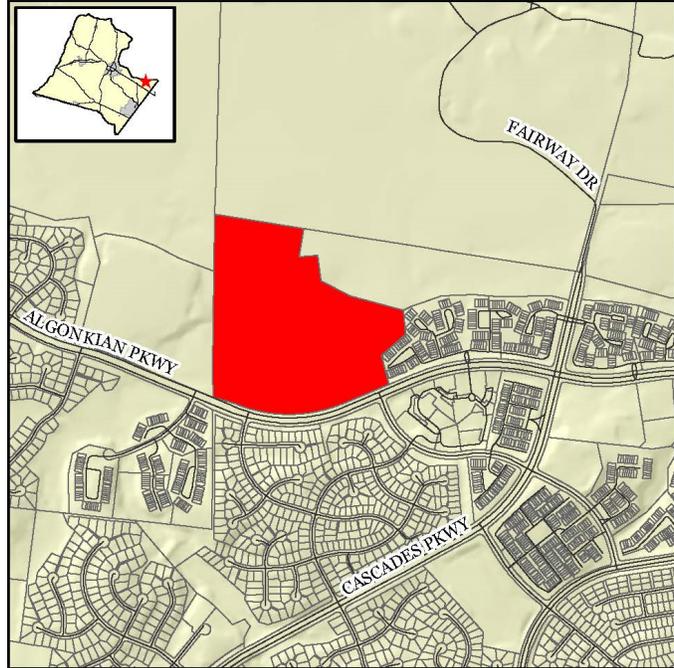
This project was known as HS Renovation 1 in the FY 2018 CIP.

Project Location

Potomac Falls High School

Project Completion / Open Date

Fall 2030 (2030-31 School Year)



Capital (\$ in 1000s)	Prior								6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024				
Land	-	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	11,060	11,060
Construction	-	-	-	-	-	-	-	-	-	83,135	83,135
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	-	94,195	94,195
Local Tax Funding	-	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	94,195	94,195
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	-	94,195	94,195





Capital Improvement Program

FY 2019 Adopted Budget

Division/Other School Projects



Capital Improvement Program by Functional Area										
Schedule of Appropriations										
Capital (\$ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
Division/Other School Projects										
Projects										
Arcola ES/Northstar Connection	-	-	-	-	-	-	2,280	2,280	-	2,280
Broadband Infrastructure	-	1,500	1,750	1,750	-	-	-	5,000	-	5,000
Bus Radio Replacements	-	-	-	-	-	3,845	-	3,845	-	3,845
Division Security Improvements	-	5,500	5,984	-	-	-	-	11,484	-	11,484
Heritage HS Entrance to Battlefield Parkway	-	-	-	-	-	-	780	780	-	780
Joint Use Dry Bulk Storage Facility	-	-	-	4,280	-	-	-	4,280	-	4,280
Lovettsville Bus/Visitor Parking	-	-	-	690	-	-	-	690	-	690
School Bus Replacement Fund	5,265	7,200	7,525	7,865	8,215	8,585	8,975	48,365	38,185	91,815
School Security Vestibules	-	8,500	5,850	-	-	-	-	14,350	-	14,350
School Walking Tracks	-	-	-	-	-	-	890	890	910	1,800
Staff Training Center/ Round Hill Support Facility Renovation	-	-	-	2,225	23,505	-	-	25,730	-	25,730
Student Welcome & Adult Education Center	-	-	-	1,130	-	-	-	1,130	-	1,130
Tolbert ES Road Connection	-	-	-	-	-	-	845	845	-	845
Transportation Support Facility - East	-	-	-	-	-	-	-	-	31,790	31,790
Union Street Facility	-	-	-	-	-	-	-	-	1,670	1,670
Valley Service Center Replacement/ Culbert ES Bus Parking	-	-	-	-	-	1,655	27,070	28,725	-	28,725
Valley Service Center Traffic Signal	-	-	-	-	-	-	585	585	-	585
Budgetary Cost	5,265	22,700	21,109	17,940	31,720	14,085	41,425	148,979	72,555	226,799
Funding Source										
Local Tax Funding	5,265	750	4,875	2,695	-	-	-	8,320	-	13,585
General Obligation Bonds	-	18,148	7,834	2,225	23,505	1,655	32,450	85,817	34,370	120,187
Lease Revenue Financing	-	3,802	8,400	13,020	8,215	12,430	8,975	54,842	38,185	93,027
Total Funding Source	5,265	22,700	21,109	17,940	31,720	14,085	41,425	148,979	72,555	226,799



Arcola ES Connection to Northstar Boulevard

Project Description

Arcola Elementary School currently has a single, combined bus and staff/parent entrance from Tall Cedars Parkway, causing considerable vehicle queueing, stacking and conflicts. This project will be viable after the County constructs the segment of Northstar Boulevard from Route 50 to Tall Cedars Parkway that is projected to be completed in 2020 or 2021. The project will provide a second school entrance from Northstar Boulevard, north of Tall Cedars Parkway. The project scope includes a driveway connection, additional parking spaces, and improved traffic circulation on site.

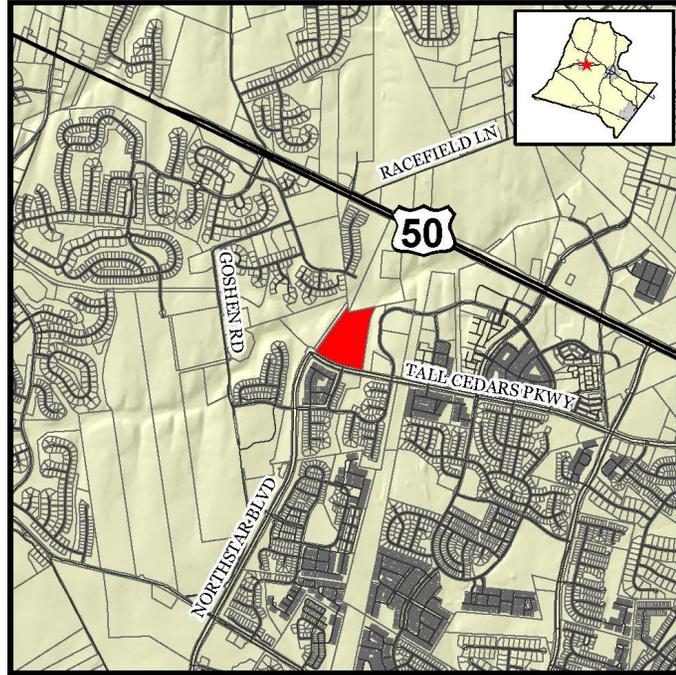
Authorization to sell general obligation bonds will be scheduled for placement on the November 2022 referendum.

Project Location

Dulles

Project Completion / Open Date

TBD



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	2,280	2,280	-	2,280
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	2,280	2,280	-	2,280
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	2,280	2,280	-	2,280
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	2,280	2,280	-	2,280

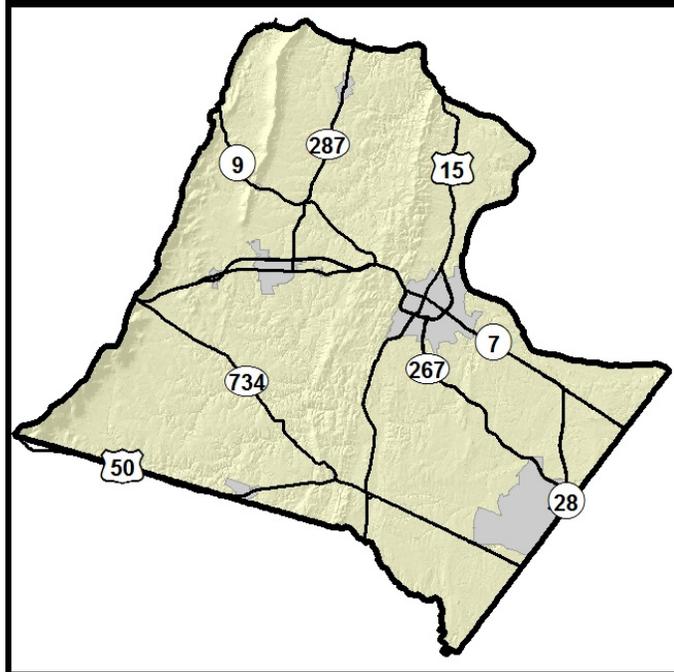


Broadband Infrastructure

Project Description

In order to meet the increasing demands for bandwidth, LCPS must upgrade its network infrastructure and improve services. To meet increasing demand for bandwidth, LCPS will engage a contractor to install a school division owned fiber connectivity to all LCPS locations.

The project will be more cost effective, as the new networks would be a one-time purchase for installation with minimal yearly recurring costs for maintenance. The project would help ensure LCPS has the capacity to scale as bandwidth demands grow. By owning critical fiber infrastructure between all LCPS locations, LCPS would be able to increase bandwidth as needed at a much lower operational cost.



Project Location

Countywide

Project Completion / Open Date

Phased

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	1,500	1,750	1,750	-	-	-	5,000	-	5,000
Total Cost	-	1,500	1,750	1,750	-	-	-	5,000	-	5,000
Local Tax Funding	-	750	875	875	-	-	-	2,500	-	2,500
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	750	875	875	-	-	-	2,500	-	2,500
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	-	1,500	1,750	1,750	-	-	-	5,000	-	5,000
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		19	98	179	246	234	233	1,009		
Total Impact		19	98	179	246	234	233	1,009		



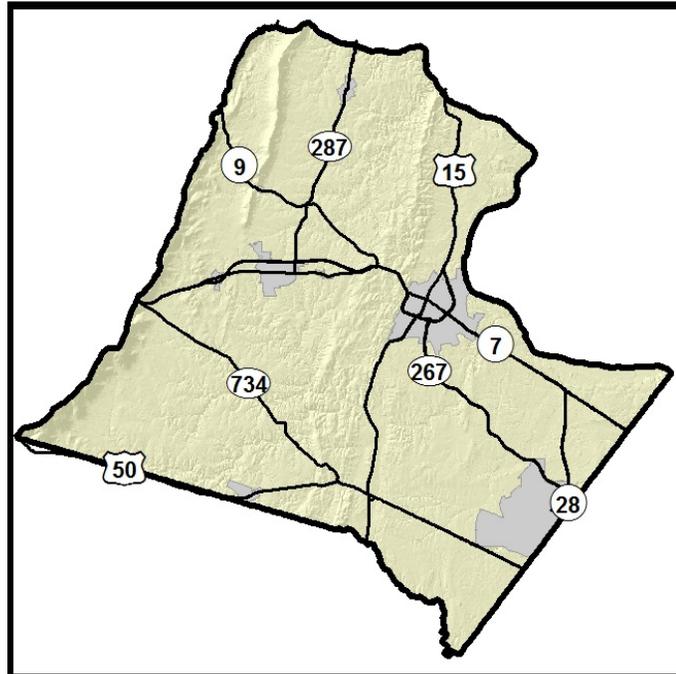
School Bus Radio Replacements

Project Description

This project provides funding for the replacement of the school bus radio system. The current system infrastructure rides independently with annual leases of seven towers. The next transition will be to a county contract with Motorola for the radio system, which will eliminate the need for paying leases for six of the seven existing tower sites. This transition will require approval and agreements to be forged with Loudoun County for LCPS to ride on the Public Radio System microwave and backbone.

This strategic move is in support of national preparedness strategy for interoperability and emergency planning. A venture of this sort will stabilize future costs, which would be amortized at a forecasted annual rate so that there will be no requirements to rebuild the entire radio system.

As strategic agreements are not yet in place, this funding is intended as a placeholder for when the current radio system should be replaced.



Project Location

Countywide

Project Completion / Open Date

Phased

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	3,845	-	3,845	-	3,845
Total Cost	-	-	-	-	-	3,845	-	3,845	-	3,845
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	3,845	-	3,845	-	3,845
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	3,845	-	3,845	-	3,845
Operating Impact (\$ in 1000s)										
Debt Service		-	-	-	-	96	729	825		
Total Impact		-	-	-	-	96	729	825		



Division Security Improvements

Project Description

Division security improvements will include the installation of electronic access locks on all exterior school building doors and security systems replacement. The project will significantly improve the security of LCPS buildings by controlling exterior door access to school facilities while also reducing key lock replacement.

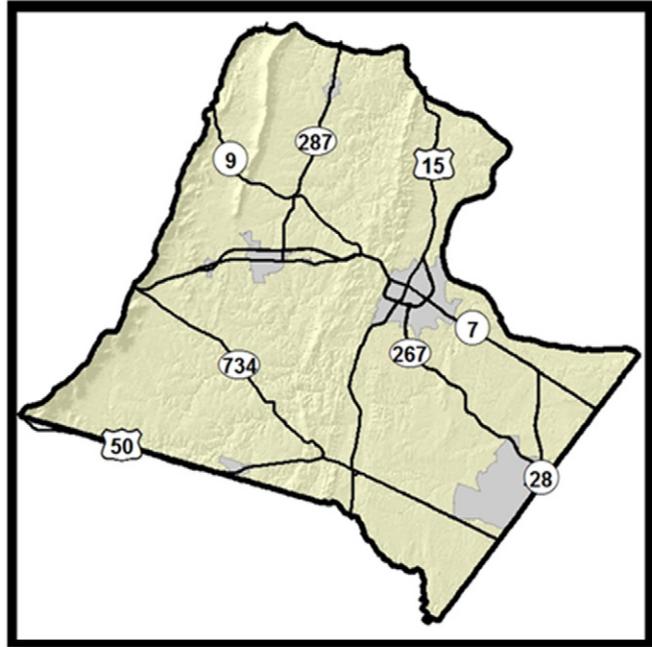
This project is funded using general obligation bonds that were approved on the November 2017 referendum.

Project Location

38 Elementary Schools, 11 Middle Schools, 11 High Schools

Project Completion / Open Date

Phased



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FY's	Project Total
	Alloc.									
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	5,500	5,984	-	-	-	-	11,484	-	11,484
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	5,500	5,984	-	-	-	-	11,484	-	11,484
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	5,500	5,984	-	-	-	-	11,484	-	11,484
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	5,500	5,984	-	-	-	-	11,484	-	11,484
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	221	647	919	1,209	1,180	4,176		
Total Impact		-	221	647	919	1,209	1,180	4,176		



Heritage High School Extended Turn Lane

Project Description

Vehicular access to Heritage High School is provided by one entry from Evergreen Mills Road. This entrance is controlled by a traffic signal at Evergreen Mills Road, creating significant congestion, particularly at dismissal time. The attendance zone for the school shows that approximately 80-90% of exiting traffic turns right onto northbound Evergreen Mills Road, and then right onto eastbound Battlefield Parkway.

This project will lengthen the northbound right turn lane of Evergreen Mills Road to Battlefield Parkway to create a free flow lane to access Battlefield Parkway, which should alleviate the congestion at the school entrance.

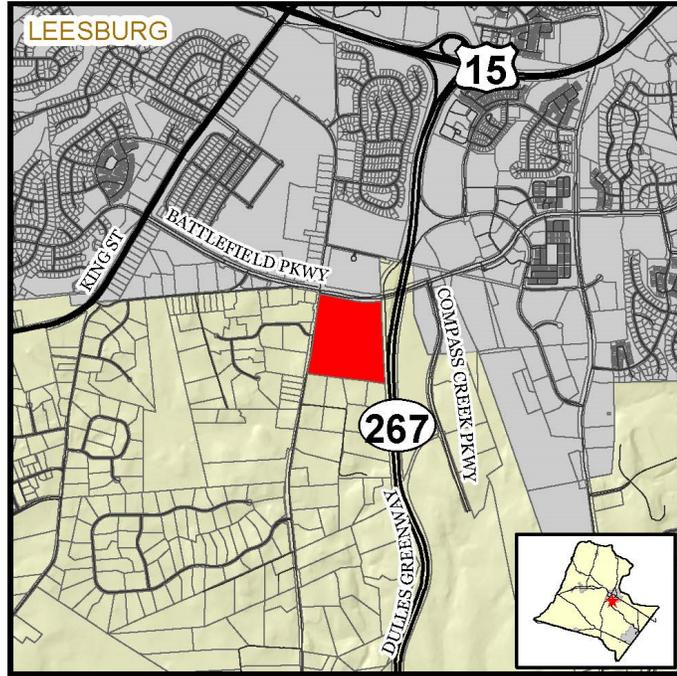
Authorization to sell general obligation bonds will be scheduled for placement on the November 2022 referendum.

Project Location

Heritage HS

Project Completion / Open Date

TBD



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	780	780	-	780
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	780	780	-	780
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	780	780	-	780
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	780	780	-	780



Joint Use Dry Bulk Storage Facility

Project Description

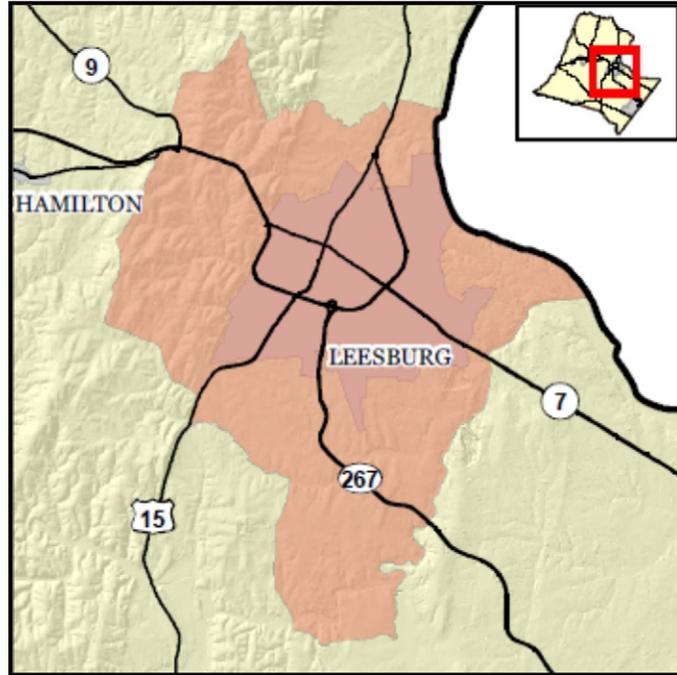
The dry bulk storage facility will be a joint use facility between LCPS and Loudoun County General Services. It will include dry storage for 6,000 tons of winter road mix materials and sand/manufactured sand to be used on LCPS and County owned/operated facility parking lots and driveways, as needed to improve traction during inclement winter weather. The site will meet current environmental requirements for storm water management and containment as well as provide a lighted, paved loading area for plow trucks with salt/sand spreaders and a two bay garage for on-site heavy equipment storage to be used in loading the trucks.

Project Location

TBD - A site will need to be acquired in the Central Loudoun Planning District.

Project Completion / Open Date

2022-23 School Year



	Prior Alloc.							6 Year	Future	Project
		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Capital (\$ in 1000s)										
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	4,280	-	-	-	4,280	-	4,280
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	4,280	-	-	-	4,280	-	4,280
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	4,280	-	-	-	4,280	-	4,280
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	4,280	-	-	-	4,280	-	4,280
Operating Impact (\$ in 1000s)										
Debt Service		-	-	25	138	315	428	906		
Total Impact		-	-	25	138	315	428	906		



Lovettsville Elementary School – Bus/Visitor Parking

Project Description

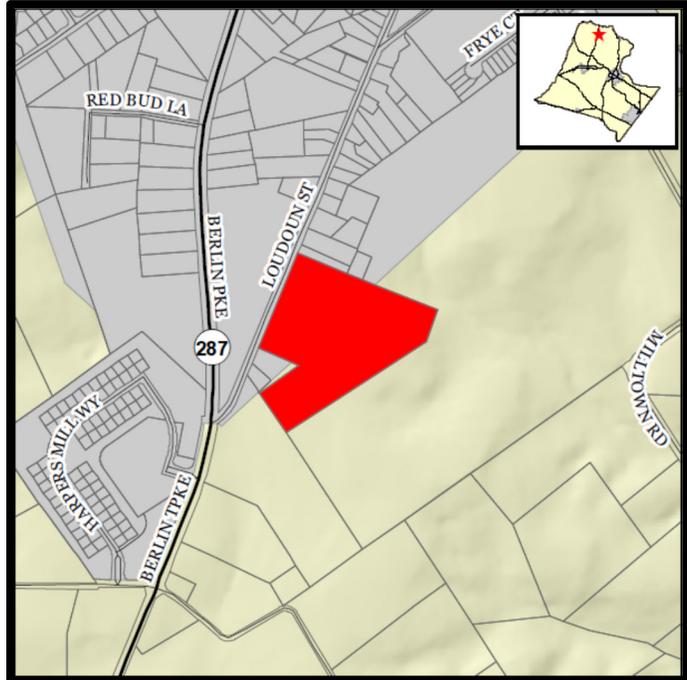
Parking improvements at Lovettsville Elementary School, for both buses and school visitors, will involve the addition of a new parking lot on the south side of the school building.

Project Location

Lovettsville Elementary School

Project Completion / Open Date

Fall 2022 (2022-23 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	690	-	-	-	690	-	690
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	690	-	-	-	690	-	690
Local Tax Funding	-	-	-	690	-	-	-	690	-	690
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	690	-	-	-	690	-	690



School Bus Replacement and Acquisition

Project Description

This project is to provide funding for the ongoing replacement and acquisition of school buses.

This project is funded using general obligation bonds that were approved on the November 2017 referendum.

This project is also funded through lease revenue financing.

Project Location

Countywide



Capital (\$ in 1000s)	Prior	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year	Future	Project
	Alloc.							Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	5,265	7,200	7,525	7,865	8,215	8,585	8,975	48,365	38,185	91,815
Total Cost	5,265	7,200	7,525	7,865	8,215	8,585	8,975	48,365	38,185	91,815
Local Tax Funding	5,265	-	-	-	-	-	-	-	-	5,265
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	4,148	-	-	-	-	-	4,148	-	4,148
Lease Revenue Financing	-	3,052	7,525	7,865	8,215	8,585	8,975	44,217	38,185	82,402
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	5,265	7,200	7,525	7,865	8,215	8,585	8,975	48,365	38,185	91,815
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	1,390	2,790	4,203	5,627	7,056	21,066		
Total Impact		-	1,390	2,790	4,203	5,627	7,056	21,066		



School Security Vestibules

Project Description

The plan would provide that all schools have similar secure entry paths so that all visitors to any school facility would have to check in with administrative office staff prior to traveling to any other part of the building. The project will significantly improve the security of LCPS buildings by improving the visitor management system for school facilities.

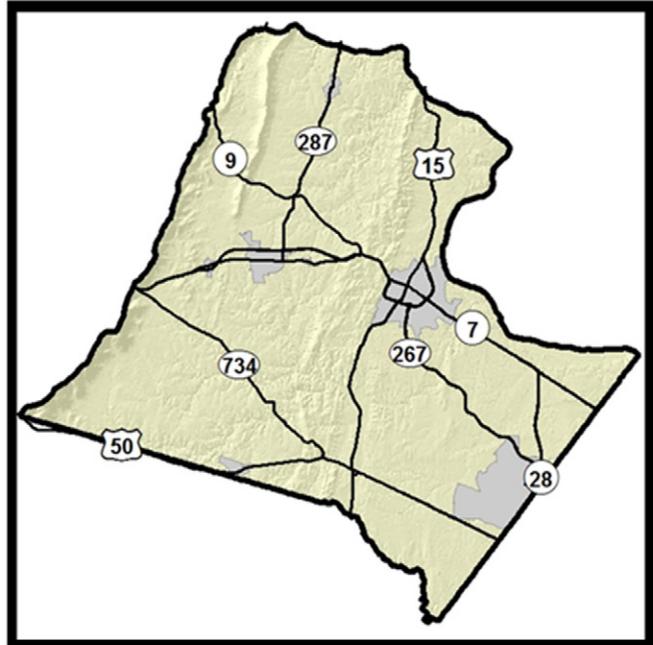
This project is funded using general obligation bonds that will be scheduled for placement on the November 2018 referendum.

Project Location

Various: 51 Elementary Schools, 11 Middle Schools, 13 High Schools

Project Completion / Open Date

Phased



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	8,500	5,850	-	-	-	-	14,350	-	14,350
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	8,500	5,850	-	-	-	-	14,350	-	14,350
Local Tax Funding	-	-	4,000	-	-	-	-	4,000	-	4,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	8,500	1,850	-	-	-	-	10,350	-	10,350
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	8,500	5,850	-	-	-	-	14,350	-	14,350
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	221	247	801	1,136	1,108	3,513		
Total Impact		-	221	247	801	1,136	1,108	3,513		



School Walking Tracks

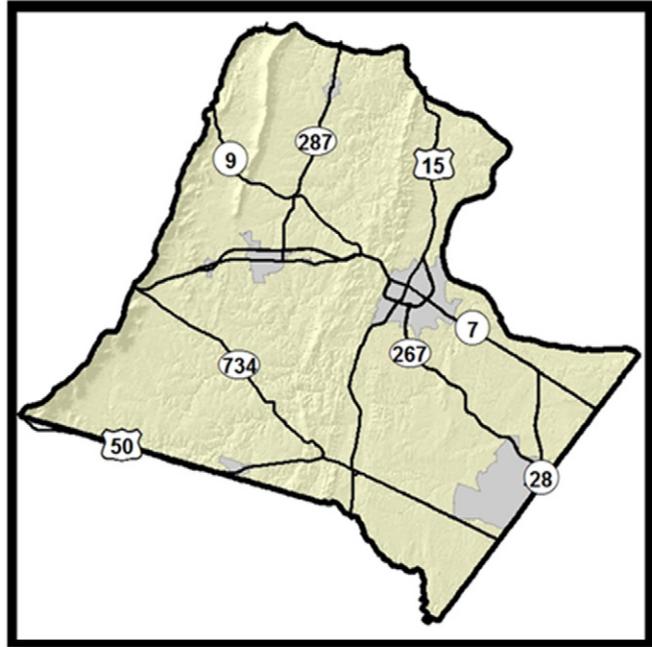
Project Description

Beginning with FY 2024, and continuing with FY 2025, walking tracks at eighteen schools are recommended to enhance the physical education instructional program at schools which currently do not have a track. Nine tracks would be completed with each fiscal year.

Authorization to sell general obligation bonds will be scheduled for placement on the November 2022 referendum.

Project Location

18 Schools: Aldie Elementary School, Algonkian Elementary School, Ball's Bluff Elementary School, Countryside Elementary School, Frederick Douglass Elementary School, Guilford Elementary School, John W. Tolbert Jr. Elementary School, Leesburg Elementary School, Lincoln Elementary School, Lucketts Elementary School, Potowmack Elementary School, Rolling Ridge Elementary School, Rosa Lee Carter Elementary School, Sterling Elementary School, Waterford Elementary School, Seneca Ridge Middle School, Smart's Mill Middle School, Stone Hill Middle School



Project Completion / Open Date

Phased: Nine Schools per year, Fall 2025 (2025-26 School Year) & Fall 2026 (2026-27 School Year)

	Prior						6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023			
Capital (\$ in 1000s)									
Land	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	890	890	1,800
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	890	890	1,800
Local Tax Funding	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	890	890	1,800
Lease Revenue Financing	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	890	890	1,800



Staff Training Center & Round Hill Support Facility Renovations

Project Description

The renovation of both the Staff Training Center and the Round Hill Support Facility will provide flexible office space to be used by LCPS to address future department growth.

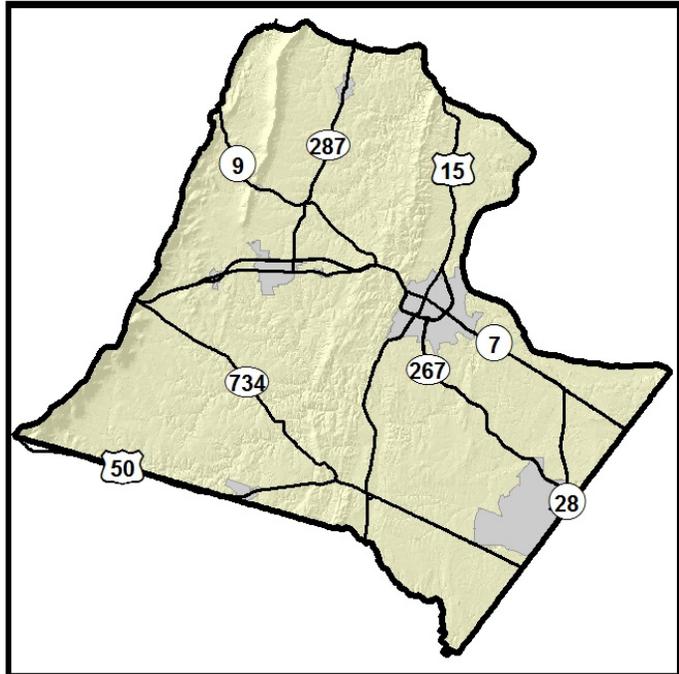
These projects are funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.

Project Locations

Staff Training Center – Ashburn District
Round Hill Support Facility – Blue Ridge District

Project Completion / Open Date

2023-24 School Year



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	2,225	-	-	-	2,225	-	2,225
Construction	-	-	-	-	23,505	-	-	23,505	-	23,505
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	2,225	23,505	-	-	25,730	-	25,730
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	2,225	23,505	-	-	25,730	-	25,730
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	2,225	23,505	-	-	25,730	-	25,730
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	110	630	1,358	2,098		
Total Impact		-	-	-	110	630	1,358	2,098		



Student Welcome & Adult Education Center

Project Description

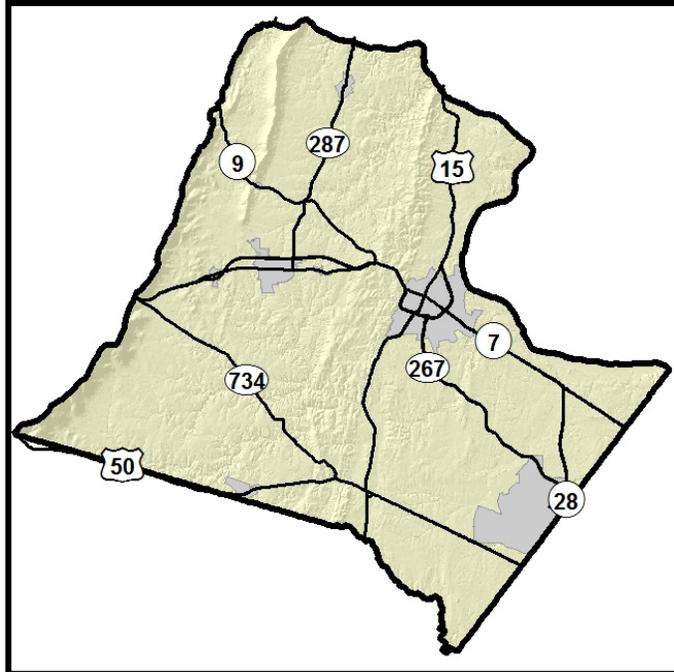
The establishment of a Student Welcome and Adult Education Center in eastern Loudoun will provide for a more efficient and effective delivery of services to Loudoun’s limited English proficient public school students as well as provide much needed space for Adult Education programs. The Welcome Center will provide a centralized location for various Instructional program registration needs as well as provide for a site for instructional and/or pupil services support staff.

Project Location

TBD - A site will need to be acquired in the Eastern Loudoun Planning District.

Project Completion / Open Date

Fall 2022 (2022-23 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	1,130	-	-	-	1,130	-	1,130
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	1,130	-	-	-	1,130	-	1,130
Local Tax Funding	-	-	-	1,130	-	-	-	1,130	-	1,130
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	1,130	-	-	-	1,130	-	1,130



John W. Tolbert Jr. Elementary School Road Connection

Project Description

The Town of Leesburg began designing a grade-separated interchange at the intersection of Route 7 and Battlefield Parkway. Once constructed, the access from Route 7 to the properties currently fronting on Route 7 will be eliminated and must be provided by a new road, Keystone Drive, which traverses the western boundary of John W. Tolbert, Jr. Elementary School. Keystone Drive was a proffered improvement for the elementary school, requiring LCPS to design and construct the road.

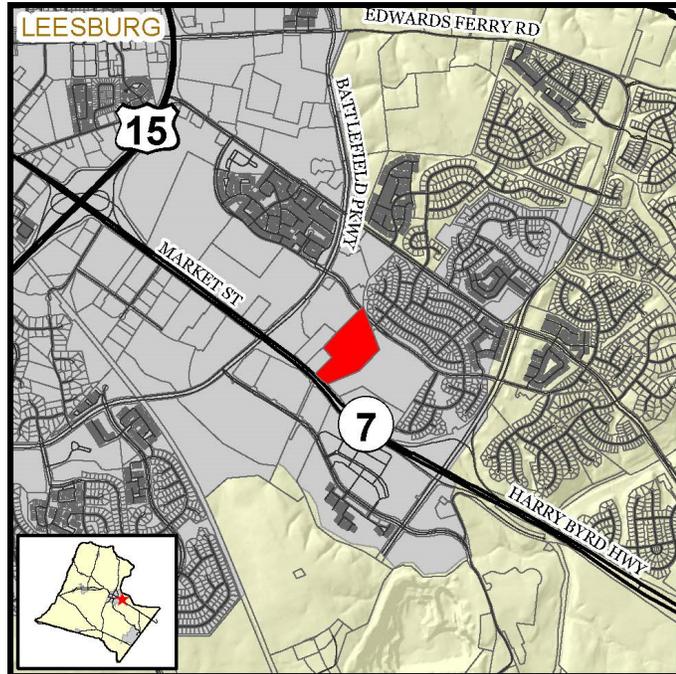
Authorization to sell general obligation bonds will be scheduled for placement on the November 2022 referendum.

Project Location

Leesburg

Project Completion / Open Date

2025-2026



Capital (\$ in 1000s)	Prior						6 Year Total	Future FY's	Project Total
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023			
Land	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	845	845	845
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	845	845	845
Local Tax Funding	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	845	845	845
Lease Revenue Financing	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	845	845	845



Transportation Support Facility

Project Description

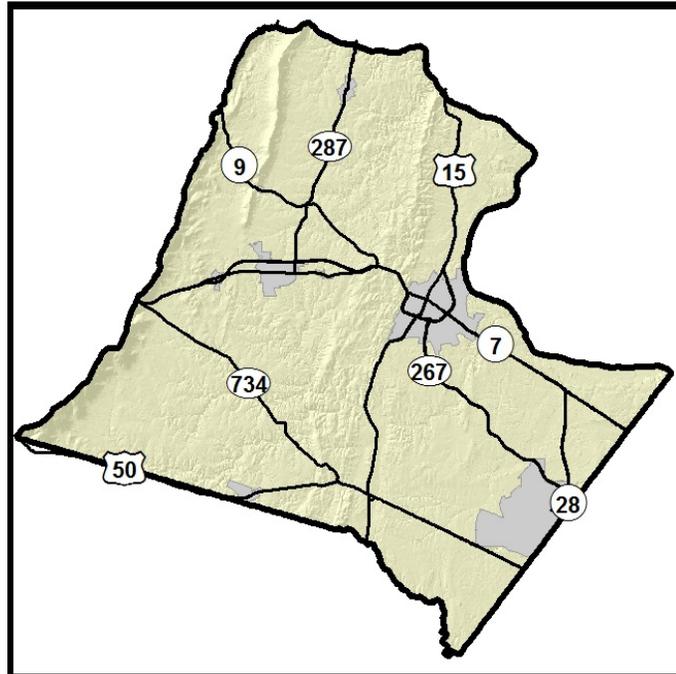
A transportation support facility, to be sited in the Eastern Loudoun planning area, will provide an additional fueling location as well as vehicle maintenance and storage site for LCPS/County fleet vehicles. The addition of a fuel facility in eastern Loudoun would reduce fleet mileage while creating operational efficiencies and saving money for vehicles serving eastern Loudoun County.

Project Location

TBD - A site will need to be acquired in the Eastern Loudoun Planning District.

Project Completion / Open Date

2029-30 School Year



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	1,905	1,905
Construction	-	-	-	-	-	-	-	-	29,885	29,885
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	31,790	31,790
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	31,790	31,790
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	31,790	31,790



Union Street Facility

Project Description

The Union Street Facility, a 0.84 acre parcel located in the Town of Leesburg, includes a historic schoolhouse and a school office building that currently houses the Child Find Program. The planned CIP funding is a “placeholder” to renovate the office building in the event the space is retained by LCPS and not dedicated to the County for potential use by a non-profit organization.

LCPS is working with the County and the Town of Leesburg to potentially convey the property to the Loudoun Freedom Center to open an African American local history museum. The facility would provide STEM education and research, display artifacts, provide a resource library, and house the Douglass Alumni Association Hall of Fame.

The conveyance of the property could take approximately two years due to the need to rezone the property, provide a text amendment to the Town’s Zoning Ordinance, and subdivide the property.

The FY 2019 LCPS CAPP includes funding to preserve the exterior of the original historic school house by abating lead paint, repairing and repainting the building.



Project Location

Union Street Facility

Project Completion / Open Date

TBD

Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	200	200
Construction	-	-	-	-	-	-	-	-	1,470	1,470
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	1,670	1,670
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	1,670	1,670
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	1,670	1,670



Valley Service Center Replacement & Kenneth W. Culbert Elementary School Bus Parking

Project Description

The Valley Service Center has been in operation for over a decade under a lease. The Loudoun County School Board purchased the property in FY 2018. LCPS bus maintenance utilizes a repair garage, constructed in 1952 for servicing agricultural farm equipment. This structure needs to be replaced with a modern facility designed for bus maintenance purposes. The proposed plan is to redesign the site to more efficiently utilize the property. The building will be replaced to meet current development standards. The long term uses include the LCPS vehicle maintenance and repair facility, a LCPS/County fuel station, storage for LCPS and County materials and equipment, and bus parking. Bus parking improvements at Kenneth W. Culbert Elementary School will be completed in conjunction with the Valley Service Center project.

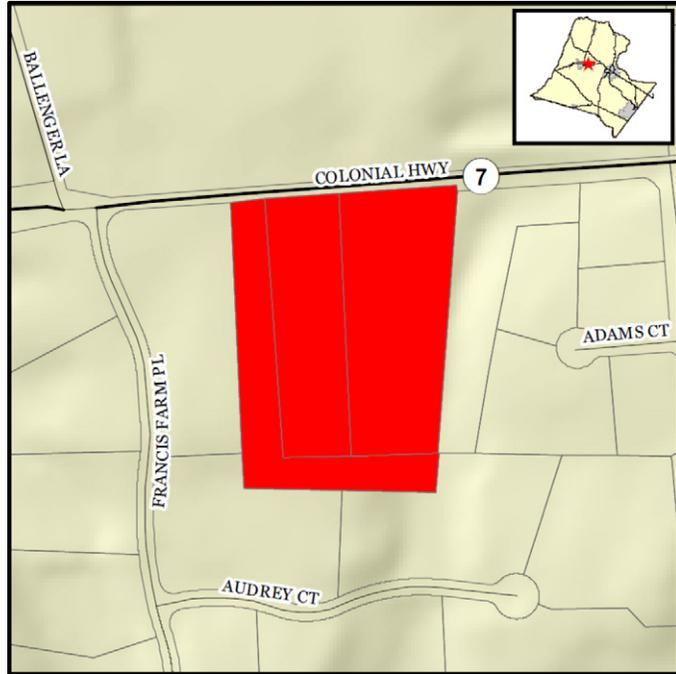
Authorization to sell general obligation bonds will be scheduled for placement on the November 2021 referendum.

Project Location

Valley Service Center, Kenneth W. Culbert Elementary School

Project Completion / Open Date

2025-26 School Year



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	1,655	-	1,655	-	1,655
Construction	-	-	-	-	-	-	27,070	27,070	-	27,070
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	1,655	27,070	28,725	-	28,725
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	1,655	27,070	28,725	-	28,725
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	1,655	27,070	28,725	-	28,725
Operating Impact (\$ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total		
Debt Service		-	-	-	-	-	241	241		
Total Impact		-	-	-	-	-	241	241		



Valley Service Center Traffic Signal

Project Description

As part of the approved proffers for the rezoning completed for the purchase of the Valley Service Center property, a traffic warrant study was completed in 2017 for the intersection of the Valley Service Center entrance, West Colonial Highway and the entrances to Harmony Intermediate School and Kenneth W. Culbert Elementary School. The study determined that a traffic signal is warranted at the intersection. The proffer provides that the signal will be installed when warranted, contingent on funding.

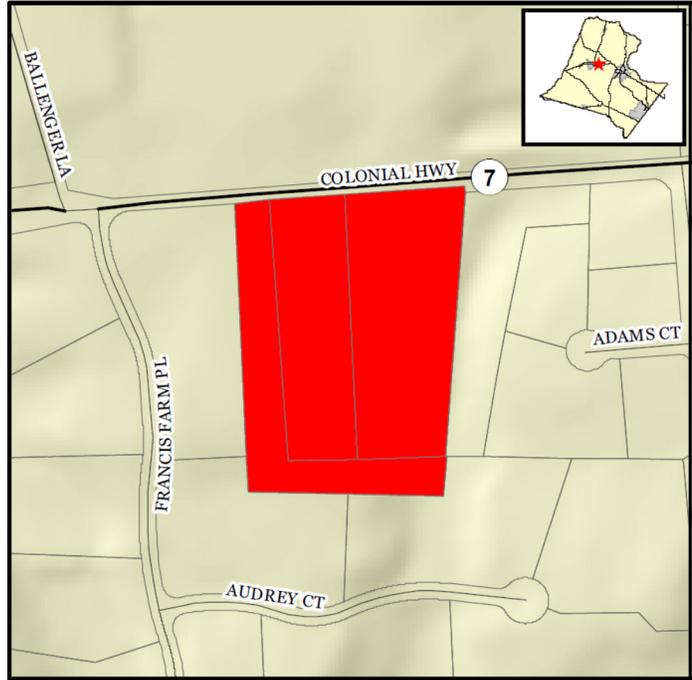
Authorization to sell general obligation bonds will be scheduled for placement on the November 2022 referendum.

Project Location

Valley Service Center

Project Completion / Open Date

2025-2026



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	585	585	-	585
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	585	585	-	585
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	585	585	-	585
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	585	585	-	585





Debt Service Fund

FY 2019 Adopted Budget

Contents

Debt Service Fund

13-2







DEBT SERVICE FUND

Debt Management and Capital Financing

Debt Management is the active implementation of a variety of strategies to manage the County's debt. These strategies include debt policies, issuance limits and guidelines, long-term capital planning, disclosure and compliance policies and procedures, and general management practices. The Loudoun County Board of Supervisors' adopted fiscal policy contains debt policies, which govern how and the extent to which, the County issues debt. Throughout the development of the County's Capital Improvement Program (CIP), the proposed use of debt financing for projects must be evaluated to ensure compliance with the debt policies. These policies contain several important debt ratios which are among the information analyzed by the bond rating agencies each time the County seeks to sell bonds. The County is one of 49 states and local governments to hold the highest rating (AAA) from all three bond rating agencies – ensuring access to the market at the most favorable rates. More information about these ratios is described in the following pages.

Financing for capital improvement projects can take the form of general obligation bonds, revenue bonds, lease purchase agreements, federal loans and lease revenue bonds. The County issues debt for both School and General Government capital projects, with the exception of lease purchase financing for vehicles and equipment entered into by the Schools. Of the above mentioned financing types, general obligation bonds are the only type of debt secured by a pledge of the County's full faith and credit. A County's authorization to issue this type of debt is governed by the Constitution of the Commonwealth of Virginia and the Public Finance Act. Taxpayers must approve the issuance of general obligation bonds by public referendum, except in limited circumstances, such as bonds issued by the Virginia Public Schools Authority. The governing body of the County is authorized and required to meet debt service payments on its general obligation bonds by levying sufficient *ad valorem* taxes on all taxable property within the County. Funding for debt service payments on all other types of debt such as lease revenue bonds, lease purchase agreements, etc. is subject to annual appropriation by the County's governing body.

The following pages provide information about the County's debt, including actual and projected debt service payments in the Debt Service Fund, critical debt policies, the impact of the Adopted CIP on debt ratios and guidelines, the planned schedule of financing for capital projects over the CIP period, and information about the County's outstanding debt and referendum authority.



Debt Service Fund

Debt Service Fund Budget

Local tax funding and other resources used for the payment of principal and interest costs (i.e. debt service) of all financed capital improvement projects reside in the Debt Service Fund. The FY 2019 Adopted Debt Service expenditures are shown in *Table 1* below. Expenditures are comprised of the actual amount of principal and interest payments due on debt issued in prior years, the projected amount of principal and interest payments due in FY 2019 on debt scheduled to be issued in FY 2019, and certain costs of issuance incurred on that debt. Table 2 on the following page shows the breakdown of actual and projected debt service for County and Schools.

Expenditures in the Debt Service Fund budget are offset by fund balance, earned interest, and interest rebates from the federal government for Build America Bonds issued in FY 2011. Periodically, the Fund receives monies in the form of transfers from other funds such as the County and School Capital Project Funds as projects are closed out; Landfill fees and rental income designated for debt service; or proceeds/premiums from the sale of bonds. Refunding proceeds, bond premiums, and transfers for project close-outs are unpredictable and are therefore not budgeted. If these resources become available, they become part of the Debt Service Fund balance and are used to make future debt service payments in accordance with rules and regulations governing municipal borrowing.

Table 1. Debt Service Fund Financial Summary

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Expenditures				
Debt Service On County Projects	\$46,772,557	\$58,848,937	\$56,567,329	\$72,369,582
Debt Service On School Projects	132,816,792	131,169,197	134,845,030	144,234,978
Transfers To Other Funds ¹	16,788,356	130,421	137,151	141,266
Costs Of Issuance And Other Fees ²	1,245,599	640,000	640,000	640,000
Total – Expenditures	\$197,623,304	\$190,788,555	\$192,189,510	\$217,385,826
Revenues				
Use Of Fund Balance	\$0	\$8,000,000	\$20,000,000	\$10,000,000
Interest Earnings	1,517,657	225,000	225,000	225,000
Interest Rebate – Build America Bonds	1,087,791	630,000	630,000	630,000
Estimated Lease Revenue – Stadium Project ³	0	0	0	1,128,678
Transfers From Other Funds ⁴	4,602,641	1,680,522	8,378,265	11,430,816
Bond Issuance Premium And Refunding Proceeds ⁵	20,559,059	0	0	0
Total – Revenues	\$27,767,148	\$10,535,522	\$29,233,265	\$23,414,494
Local Tax Funding	\$169,856,156	\$180,253,033	\$162,956,245	\$193,971,332

¹ Transfers from the Debt Service Fund are primarily to the Capital Projects Fund or to the General Fund.

² FY 2017 Cost of Issuance and Other Fees includes Underwriter's Discount fees that are deducted directly from bond proceeds. These fees are recorded after the bond issuance and therefore are not part of the adopted budget.

³ Per the proposed lease agreement with DC Soccer, the team will make rental payments to the County for the use of facilities at Philip Bolen Park, which will pay the debt service on the bonds issued to construct the facilities. A final debt service schedule has not been negotiated, therefore this number is a budgetary projection.

⁴ Transfers into the Debt Service Fund are primarily from the Capital Project Fund for debt service associated with Landfill construction, facility lease fees, and the Transportation District Fund for Metrorail tax revenue to cover debt service associated with the construction of the Metrorail project.

⁵ FY 2017 Actuals represents bond premium received from issuances in FY 2017.

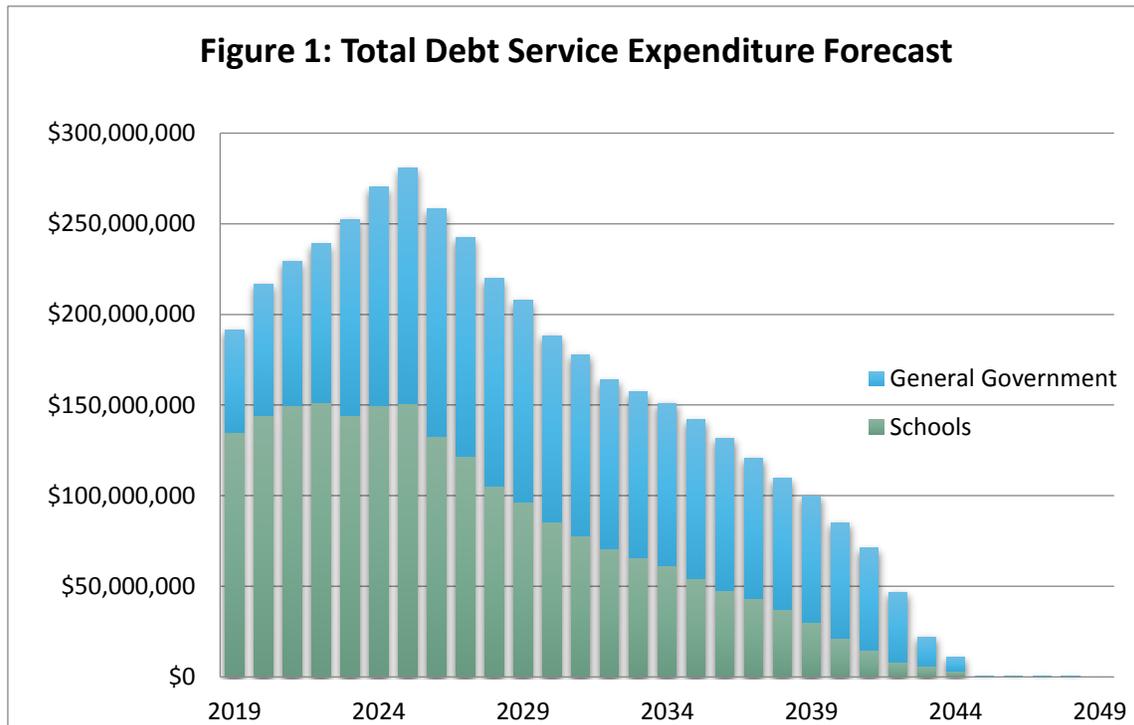


Debt Service Fund

The distribution of debt service expenditures resulting from General Government and School capital project financings are shown below in *Table 2* and *Figure 1*. *Table 2* shows the actual debt service due on previously issued debt, and projected debt service on anticipated issuances attributable to general government and schools for FY 2019-FY 2024. *Figure 1* presents this same information through 2048, when the last payment will be made on debt issued through FY 2024.

Table 2. FY 2019-2024 Debt Service Expenditures

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
General Government						
Actual Debt Service Due	\$49,901,602	\$51,765,514	\$46,173,866	\$44,865,820	\$48,194,412	\$45,351,305
Projected Debt Service	6,665,727	20,604,068	33,708,967	42,816,051	59,972,096	74,913,208
Subtotal	\$56,567,329	\$72,369,582	\$79,882,833	\$87,681,871	\$108,166,508	\$120,264,513
Schools						
Actual Debt Service Due	\$122,285,865	\$112,872,112	\$101,445,701	\$86,797,354	\$70,228,106	\$70,469,202
Projected Debt Service	12,559,165	31,362,866	48,132,341	64,424,148	73,996,600	79,439,675
Subtotal	\$134,845,030	\$144,234,978	\$149,578,042	\$151,221,502	\$144,224,706	\$149,908,877
Total Debt Service	\$191,412,359	\$216,604,560	\$229,460,875	\$238,903,372	\$252,391,214	\$270,173,390





Debt Service Fund

Debt Management

While the Commonwealth of Virginia imposes no statutory limitation on the amount of debt a County may incur, Loudoun County establishes an overall limit of no more than 3.0% of its assessed value of taxable real and personal property as well as several other debt ratio guidelines through its Fiscal Policy. (The *Fiscal Policy* is provided in the Executive Summary of Volume I of this document).

On the following pages, the County’s debt ratios are explained along with a graphic illustrating how the debt programmed in the CIP meets each policy target.

Loudoun County Debt Ratios (Revised on January 6, 2016)

The County's debt capacity shall be maintained within the following primary goals:

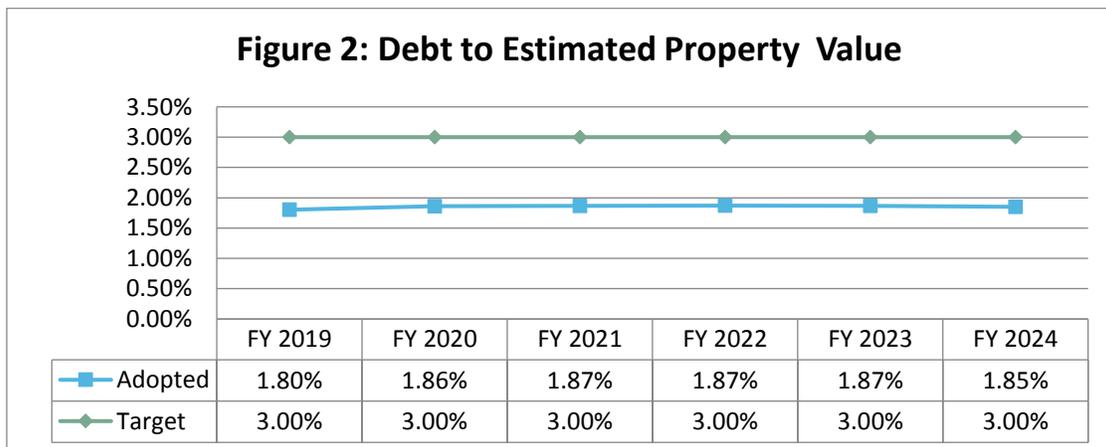
- *Annual debt issuance guideline of \$225 million. The debt issuance guideline will be adjusted every five years based on the Consumer Price Index five year rolling average beginning with FY 2017, and will be reviewed in FY 2022.*

This policy guideline represents the maximum amount of “new” debt that can be issued each year, excluding debt for the Dulles Metrorail project, Metrorail garages, the County Landfill, and economic development projects. Establishing an annual debt issuance guideline allows the County to actively manage the annual growth of its debt burden.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Debt Issuance Projected	\$224,416,526	\$224,549,488	\$224,043,696	\$224,100,665	\$223,916,325	\$224,271,500
Remaining Debt Capacity	\$583,474	\$450,512	\$956,304	\$899,335	\$1,083,675	\$728,500

- *Net debt as a percentage of estimated market value of taxable property should not exceed 3.0%.*

This ratio means that the amount of outstanding debt cannot exceed 3% of the value of the County’s taxable real and personal property. The assessed value of taxable property is an indication of the County’s ability to generate revenue. This ratio ensures that the County’s outstanding debt is not too high compared to the assessed value, which can lead to overburdening the tax base and reducing the County’s flexibility to use revenues for operations, or to meet future capital needs. The bond rating agencies consider this ratio to be very important and often cite the County’s adherence to this ratio in their ratings reports.

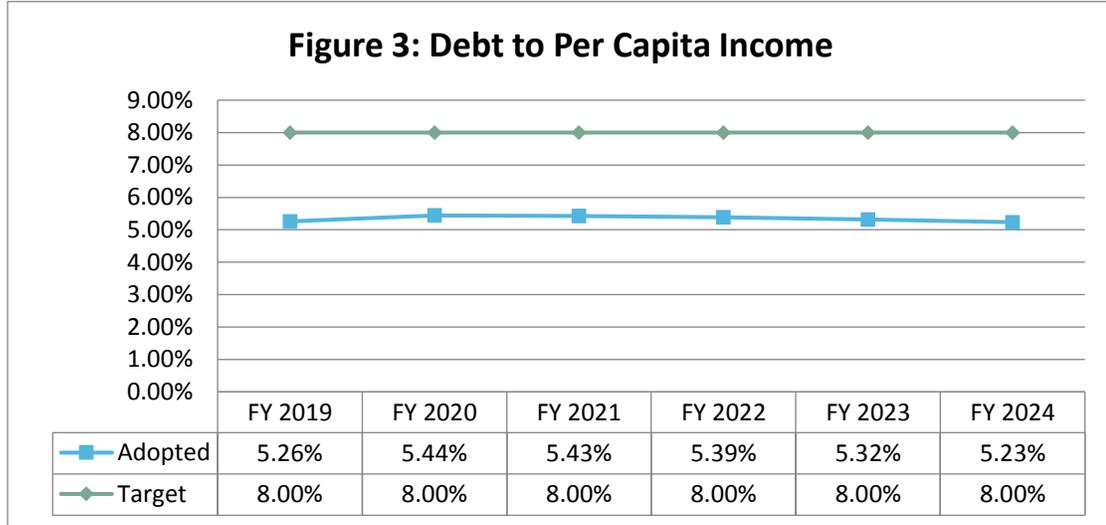




Debt Service Fund

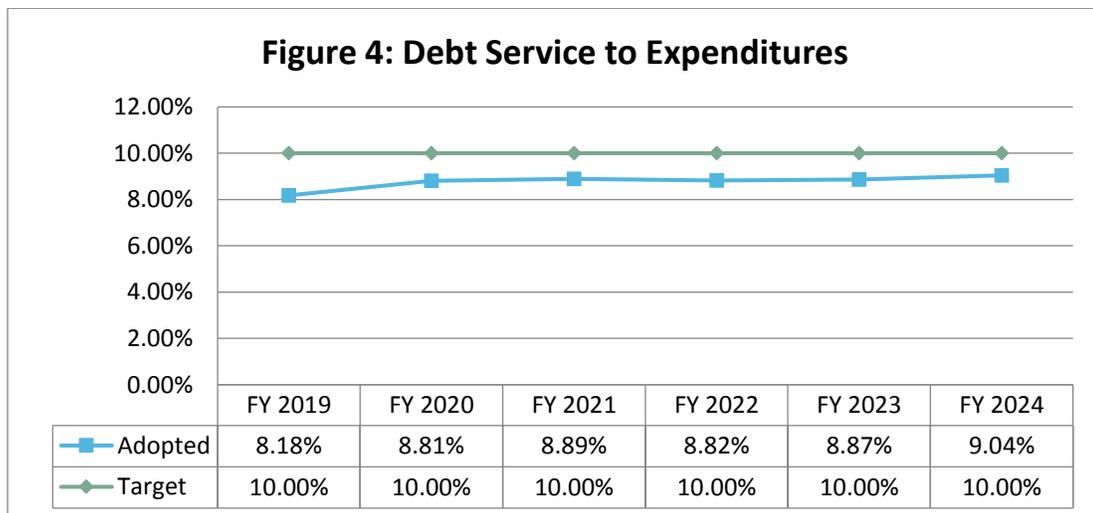
- *Net debt per capita as a percentage of income per capita should not exceed 8.0%.*

This ratio means the amount of outstanding debt per person, cannot exceed 8% of the estimated income for each person based on population and income projections.



- *Debt service expenditures as a percentage of governmental fund expenditures should not exceed 10%.*

This ratio means the amount of debt service (principal and interest payments) in each fiscal year, cannot exceed 10% of total governmental funds expenditures. This includes all appropriated funds, not just the General Fund. Because debt service is considered a fixed cost (i.e.; not discretionary) the established ratio ensures that the County does not lose expenditure flexibility by having a significant portion of its budget dedicated to debt service payments. This ratio works in tandem with the debt to assessed value ratio. The bond rating agencies also consider this ratio to be very important and often site the County’s adherence to this policy target as a measure of the County’s ability to maintain an affordable debt burden.

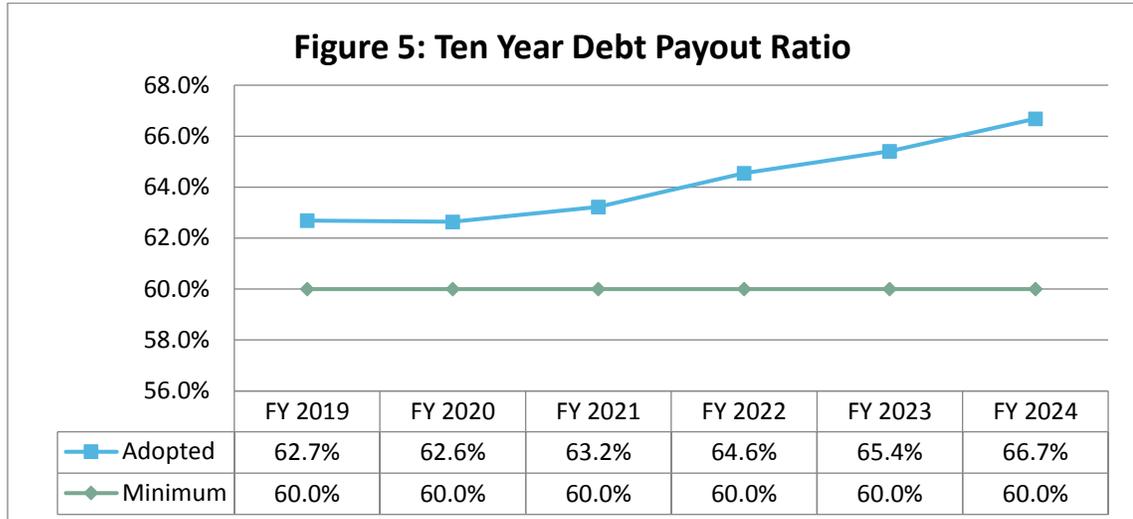




Debt Service Fund

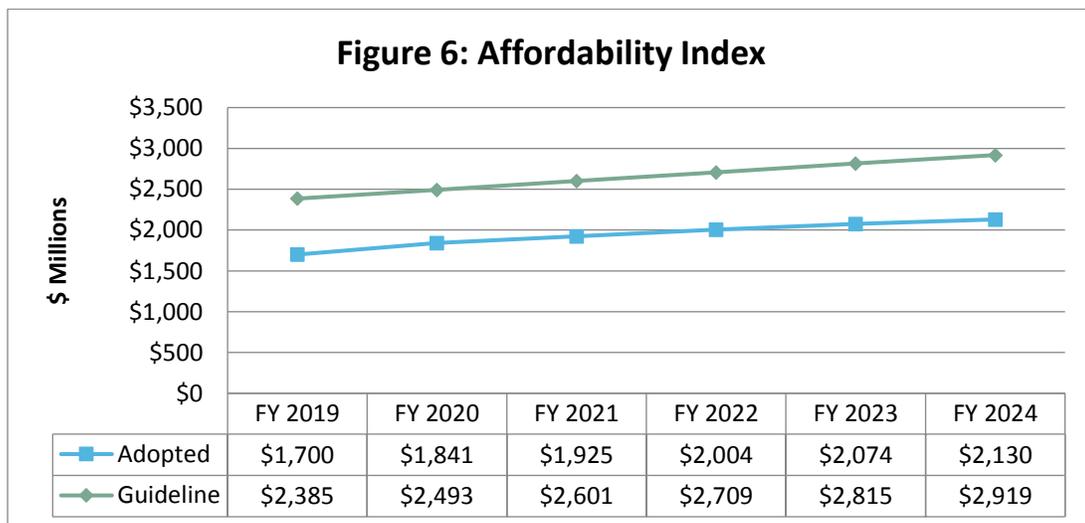
- *Ten year debt payout ratio should be above 60%.*

This ratio means the amount of principal paid off in a ten year period should be more than 60 percent of the projected debt outstanding. Per the Fiscal Policy, the County uses a level principal repayment structure for debt service whenever possible; thus allowing the County to pay down principal faster.



- *The affordability index, consisting of the weighted average of the net debt per capita (20%), net debt as a percentage of estimated market value of taxable property (45%), and debt to per capita income (35%).*

This index demonstrates the maximum amount of debt the County can afford to have outstanding without overburdening the taxpayers. Market value and per capita income are components which illustrate wealth of the County and therefore demonstrates the ability to generate revenue, which is an important factor in being able to repay debt.





Debt Service Fund

The Capital Improvement Program and the Impact on Future Debt Ratios

The development of the six-year Capital Improvement Program (CIP) and the inclusion of new debt financed projects must be analyzed and evaluated against previously authorized debt financed projects and the existing required debt service payments for those projects to ensure the inclusion of the new projects complies with the County’s fiscal and debt policies. The results are shown on the *Impact on Future Debt Ratios* table on the following page (Table 3).

Table 3 begins with the projected amount of tax supported debt, and then shows the impact of adding the debt-financed capital projects contained in the Adopted FY 2019 – FY 2024 Capital Improvement Program to the existing debt for those projects appropriated and financed in prior years. In addition, the table depicts vital demographic and economic indicators for Loudoun County that are necessary in assessing the County’s ability to retire old debt and issue new debt.

Beginning Net Tax Supported Debt and Ending Net Tax Supported Debt. The Beginning Net Tax Supported Debt is the amount of principal projected to be outstanding at the beginning of each fiscal year. The Ending Net Tax Supported Debt is the amount of principal projected to be outstanding at the end of each fiscal year. The New Debt Issued, represents the amount of all new debt scheduled to be issued for the projects contained in the CIP. Retired Old Debt is the actual amount of principal on existing debt scheduled to be paid during that fiscal year. Retired New Debt is the projected amount of principal to be paid on the new debt that is issued during the fiscal year. Note that principal on new debt issued in the first year will not be paid in that year, but will commence the following year. The Ending Net Tax Supported Debt represents the outstanding existing debt, plus new debt issued, less the retired debt.

Debt Service. Debt service represents the amount of principal and interest that is expected to be paid during the year. This includes debt related to general obligation bonds and appropriation-backed debt such as lease revenue bonds, lease purchase agreements and loans.

Ratios. The ratios section of the table shows the results of how the debt included in the CIP, coupled with the County’s existing debt comply with the Board’s fiscal policy targets. Throughout the development of the CIP, these ratios are constantly monitored to see how changes to project funding and timing impact the ratios. For more information on how the CIP is developed and the factors affecting the development of the CIP, see the Capital Improvement Program Executive Summary included in Volume 2 of the Adopted Budget document.

Annual Debt Issuance Guideline. The Board of Supervisors’ fiscal policy has an annual debt issuance guideline of \$225 million, excluding debt issued for Dulles Metrorail Project, Metrorail Garages, the County Landfill, and economic development projects. This section of the table shows the amount of debt projected to be issued each year and the remaining capacity under the guideline.

Affordability Index. This portion of the table shows what the amount of outstanding debt is projected to be in each year against the maximum amount of outstanding debt allowable per the affordability index calculation (described in preceding pages).

Overlapping Debt. The overlapping debt is the portion of tax-supported debt of an authority or special tax district sharing the County’s geographical location such as the Dulles Town Center Community Development Authority and regional projects such as the Route 28 special tax district. Per the Board’s Fiscal Policy, the maximum amount of outstanding debt allowed is 0.75% of estimated property value. This guideline is set to limit the burden on taxpayers. The Overlapping Debt Projected represents the amount of overlapping debt expected to be outstanding each year based on the current debt payment schedules. This calculation is not driven by the development of the CIP; however, since it is calculated based on the estimated property value, it is included in this table.



Debt Service Fund

Table 3: IMPACT ON FUTURE DEBT RATIOS						
Adopted FY 2019 - FY 2024						
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Beginning Net Tax Supported Debt	\$ 1,549,642,361	\$ 1,699,833,215	\$ 1,841,325,676	\$ 1,924,862,141	\$ 2,004,377,966	\$ 2,074,203,976
Plus:						
New Debt Issued	281,246,526	285,609,488	234,043,696	234,100,665	233,916,325	234,271,500
Less:						
Retired Debt (Old)	131,055,672	126,102,027	113,952,231	102,519,840	94,420,315	95,931,497
Retired Debt (New)	0	18,015,000	36,555,000	52,065,000	69,670,000	82,600,000
Ending Net Tax Supported Debt	\$ 1,699,833,215	\$ 1,841,325,676	\$ 1,924,862,141	\$ 2,004,377,966	\$ 2,074,203,976	\$ 2,129,943,978
Debt Service (1)						
	\$ 191,418,646	\$ 216,604,560	\$ 229,460,875	\$ 238,903,372	\$ 252,391,215	\$ 270,173,390
Population	413,612	422,946	432,113	439,961	447,170	453,652
Public School Enrollment	83,105	85,084	86,790	88,002	89,261	90,768
Estimated Property Value (in Millions)	\$94,279	\$98,836	\$103,078	\$107,138	\$111,109	\$115,005
Per Capita Income	\$78,200	\$80,000	\$82,100	\$84,600	\$87,200	\$89,700
Expenditures (in Thousands)	\$2,340,844,646	\$2,457,886,878	\$2,580,781,222	\$2,709,820,283	\$2,845,311,297	\$2,987,576,862
Ratios:						
Debt to Estimated Property Value <i>(Fiscal Policy Target = <3%)</i>	1.80%	1.86%	1.87%	1.87%	1.87%	1.85%
Debt to Per Capita Income <i>(Fiscal Policy Target = <8%)</i>	5.26%	5.44%	5.43%	5.39%	5.32%	5.23%
Debt Service to Expenditures <i>(Fiscal Policy Target =<10%)</i>	8.18%	8.81%	8.89%	8.82%	8.87%	9.04%
Ten-Year Debt Payout Ratio <i>(Fiscal Policy Target=>60%)</i>	62.7%	62.6%	63.2%	64.6%	65.4%	66.7%
Annual Debt Issuance Guideline:						
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Less:						
Debt Issuance Projected	\$224,416,526	\$224,549,488	\$224,043,696	\$224,100,665	\$223,916,325	\$224,271,500
Remaining Debt Capacity	\$583,474	\$450,512	\$956,304	\$899,335	\$1,083,675	\$728,500
Affordability Index: (2)						
Outstanding Debt Guideline	\$2,385,217,335	\$2,493,158,040	\$2,600,950,864	\$2,708,523,117	\$2,815,366,772	\$2,918,785,863
Outstanding Debt Projected	\$1,699,833,215	\$1,841,325,676	\$1,924,862,141	\$2,004,377,966	\$2,074,203,976	\$2,129,943,978
Overlapping Debt: (3)						
Overlapping Debt Guideline	\$707,092,500	\$741,270,000	\$773,085,000	\$803,535,000	\$833,317,500	\$862,537,500
Overlapping Debt Projected	\$123,169,314	\$116,917,722	\$110,602,793	\$104,179,529	\$97,609,482	\$90,864,592
1) Debt includes general obligation bonds and appropriation-based financing.						
(2) Affordability Index is the weighted average of Debt Per Capita (20%) / Debt to Estimated Property Value (45%) / Debt to Per Capita Income (35%).						
(3) Maximum Outstanding Overlapping Debt allowed per the Fiscal Policy is 0.75% of estimated property value.						
Note: The \$225 million annual debt issuance guideline includes projects in the CIP with the exception of the Dulles Corridor Metrorail Project, the three Loudoun County-based Metrorail garages, and the County Landfill.						



Debt Service Fund

Debt Issuance by Category. The following table shows the projected amount of debt to be issued each year within each of the major categories of the CIP. The General Government category contains the functional areas of Administration, General Government, Health and Welfare, Parks, Recreation and Culture, and Public Safety. The Transportation category contains road and transit projects. The Schools category contains elementary, middle, and high schools projects as well as other school facility projects.

Figure 7: New Debt Issuance by Category

Adopted New Debt Financing For FY 2019- FY 2024 Capital Improvement Program					
Fiscal Year	General Government FY 2019 - FY 2024	Transportation FY 2019 - FY 2024	Schools FY 2019 - FY 2024	Total County	
				Adopted FY 2019 - FY 2024	Board Guideline
2019	\$ 52,875,000	\$ 20,780,000	\$ 150,761,526	\$ 224,416,526	\$ 225,000,000
2020	67,384,000	22,841,000	134,324,488	224,549,488	\$ 225,000,000
2021	56,623,550	38,159,000	129,261,146	224,043,696	\$ 225,000,000
2022	91,126,625	68,420,000	64,554,040	224,100,665	\$ 225,000,000
2023	85,989,325	77,333,000	60,594,000	223,916,325	\$ 225,000,000
2024	61,619,500	83,083,500	79,568,500	224,271,500	\$ 225,000,000
Total	\$ 415,618,000	\$ 310,616,500	\$ 619,063,700	\$ 1,345,298,200	\$ 1,350,000,000

Schedule of Major Financings

The first set of tables on the following pages show the planned schedule of financing for capital projects. Information about each project is provided, including the name of the project, total project costs, total amount to be financed during the CIP period, planned start of construction, and referendum year and amount, if applicable. This schedule is a projected plan of issuance and is subject to change as various factors can impact the County’s ability to adhere to the schedule, including project delays or advancements, structure of the debt issuance, and other rules and regulations governing municipal borrowing that may require a change in the planned issuance. The County works closely with Bond Counsel and financial advisors to achieve the most favorable results for the County from each issuance.

Debt Service Projections

The second set of tables show the projected debt service due for each project based on when the debt is planned to be issued. Included in the table is the total amount of principal and interest due for each project and a breakout of the amount that will be due in each year from FY 2019 through FY 2024. The final table summarizes the debt service projections by functional area for the County and the Schools.



Debt Service Fund

Schedule of Major Financings											
FY 2019 - FY 2024 Adopted Capital Improvement Program											
Capital Projects and Leases To Be Financed						Anticipated Sale or Closing Dates and Amounts					
Financing Type/Project	Total Project	Amount to be Financed FY 2019-FY 2024	Project Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
General Obligation Bonds or Appropriation-Based:											
Administration Projects:											
Major Computer Systems	71,300,000	12,300,000	N/A	N/A	Not Required (2)	5,600,000	5,800,000	0	900,000	0	0
Subtotal, Administration Projects	71,300,000	12,300,000				5,600,000	5,800,000	0	900,000	0	0
General Government Projects:											
Consolidated Shops & Warehouse	38,700,000	7,500,000	2016	N/A	Not Required (2)	0	4,000,000	0	3,500,000	0	0
General Government Office Space Phase I	123,073,000	11,000,000	2020	N/A	Not Required (2)	0	0	0	0	5,000,000	6,000,000
Landfill Reclamation Project	21,480,000	8,480,000 A	2014	N/A	Not Required (2)	5,480,000	3,000,000	0	0	0	0
Landfill Sequence V Closure	6,410,000	6,410,000	2019	N/A	Not Required (2)	1,350,000	5,060,000	0	0	0	0
Landfill Sequence 1A Cap & Closure	1,500,000	1,500,000	2020	N/A	Not Required (2)	0	1,500,000	0	0	0	0
Waterford Space Renovation	2,000,000	2,000,000	2021	N/A	Not Required (2)	0	0	2,000,000	0	0	0
Eastern Services Center	17,250,000	5,750,000 B	2024	N/A	Not Required (2)	0	0	0	0	0	5,750,000
Subtotal, General Government Projects	210,413,000	42,640,000				6,830,000	13,560,000	2,000,000	3,500,000	5,000,000	11,750,000
Health & Welfare Projects:											
DS Group Residence - Eastern Loudoun	2,375,000	2,375,000	2021	N/A	Not Required (2)	0	0	2,375,000	0	0	0
DS Group Residence - Purcellville	2,125,000	2,125,000	2018	N/A	Not Required (2)	2,125,000	0	0	0	0	0
Subtotal, Health & Welfare Projects	4,500,000	4,500,000				2,125,000	0	2,375,000	0	0	0
Parks & Recreation and Library Services Projects:											
Ashburn Recreation & Community Center	85,930,000	49,590,000 A	2017	44,270,000	Nov. 2016 (1)	0	0	0	12,495,000	14,105,000	22,990,000
Brambleton Library	10,519,000	5,780,000	2019	N/A	Not Required (2)	0	5,780,000	0	0	0	0
Scott Jenkins Park Phase III	2,255,000	1,755,000	2021	1,755,000	Nov. 2019 (1)	0	0	1,755,000	0	0	0
Fields Farm Park	31,045,000	9,787,000 B	2021	29,185,000	Nov. 2019 (1)	0	0	0	1,787,000	3,000,000	5,000,000
STEM Library	47,000,000	26,800,000 B	2021	47,000,000	Nov. 2019 (1)	0	0	1,500,000	6,400,000	8,418,000	10,482,000
Hal & Berni Hanson Regional Park	89,140,000	38,172,000	2010	31,845,000	Nov. 2016 (1)	0	0	5,638,000	11,595,000	20,939,000	0
Lovettsville District Park Phase II	4,680,000	4,680,000	2021	4,680,000	Nov. 2019 (1)	0	0	2,508,000	2,172,000	0	0
Franklin Park to Purcellville Trail	5,520,000	5,000,000	2015	5,000,000	Nov. 2020 (1)	0	0	0	1,250,000	3,750,000	0
Philip Bolen Park Phase II	7,225,000	6,175,000	2021	6,175,000	Nov. 2019 (1)	0	0	3,032,550	2,127,125	1,015,325	0
Sterling Community Center Renovation	15,502,000	5,084,000 A	2008	6,085,000	Nov. 2014 (1)	0	5,084,000	0	0	0	0
Subtotal, Parks & Recreation and Library Services Projects	298,816,000	152,823,000				0	10,864,000	14,433,550	37,826,125	51,227,325	38,472,000
Notes on Amount to be Financed between FY 2019 - FY 2024											
A - Includes previously authorized, but unissued debt financing											
B - Remaining amount to be financed after FY 2024											
Notes on Potential Referendum Dates and Projects:											
(1) General obligation bond financing requires referendum approval. Expenditures prior to referendum approval will not use general obligation financing.											
(2) May be issued through Capital Leases, Lease Revenue Bonds, Other Financing Sources.											



Debt Service Fund

Schedule of Major Financings													
FY 2019 - FY 2024 Adopted Capital Improvement Program													
Capital Projects and Leases To Be Financed						Anticipated Sale or Closing Dates and Amounts							
Financing Type/Project	Total Project	Amount to be Financed FY 2019-FY 2024	Project Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024		
General Obligation Bonds or Appropriation-Based:													
Public Safety Projects:													
Animal Services Facility	17,895,000	13,800,000	A	2017	15,370,000	Nov. 2014	(1)	5,050,000	6,350,000	2,400,000	0	0	
Courts Complex Phase III	107,010,000	85,050,000	A	2011	N/A	Not Required	(2)	18,000,000	18,000,000	13,000,000	19,335,500	16,714,500	
Public Safety Redundant Prime Tower	3,075,000	1,450,000	A	2018	N/A	Not Required	(2)	1,450,000	0	0	0	0	
Philomont Fire Rescue Station Replacement	15,925,000	2,000,000	B	2022	13,725,000	Nov. 2020	(1)	0	0	0	0	2,000,000	
Fire and Rescue Vehicle Annex	6,340,000	4,450,000	A	2022	5,700,000	Nov. 2021	(1)	0	0	0	2,850,000	1,600,000	
Juvenile Detention Center Phase II	5,195,000	5,195,000	O	2023	N/A	Not Required	(2)	0	0	0	2,597,500	2,597,500	
Juvenile Detention Center Phase I	20,015,000	8,000,000	A	2009	N/A	Not Required	(2)	0	4,000,000	4,000,000	0	0	
Aldie Fire Rescue Station Replacement	18,860,000	4,000,000	A	2008	9,504,553	Nov. 2007	(1)	0	0	0	1,500,000	2,500,000	
Leesburg South Fire & Rescue Station	17,600,000	8,900,000	B	2021	17,600,000	Nov. 2019	(1)	0	0	1,000,000	1,200,000	2,700,000	
Lovettsville Fire Station Replacement	14,500,000	10,500,000	A	2016	13,500,000	Nov. 2016	(1)	6,750,000	3,750,000	0	0	0	
Lucketts Fire Station Replacement	12,730,000	8,570,000	A	2014	11,490,000	Nov. 2013	(1)	5,000,000	3,570,000	0	0	0	
Fire Rescue Training Center Expansion	7,250,000	6,500,000	A	2019	6,500,000	Nov. 2019	(1)	0	0	2,300,000	3,000,000	1,200,000	
Public Safety Firing Range	21,300,000	12,000,000	A	2014	N/A	Not Required	(2)	0	5,000,000	5,000,000	2,000,000	0	
Round Hill Fire Station Replacement	15,660,000	15,660,000	A	2019	15,660,000	Nov. 2017	(1)	1,900,000	5,000,000	5,000,000	3,760,000	0	
Leesburg VFD Expansion (#20)	4,780,000	3,000,000	A	2016	4,000,000	Nov. 2016	(1)	3,000,000	0	0	0	0	
Sterling Fire Station Replacement	16,371,000	12,470,000	A	2015	14,430,000	Nov. 2014	(1)	0	5,050,000	5,115,000	2,305,000	0	
Old Ox Road (Route 606) Station	19,010,000	2,400,000	B	2023	19,010,000	Nov. 2021	(1)	0	0	0	1,200,000	1,200,000	
Public Safety Radio Tower Coverage Sites	1,400,000	1,400,000	A	2019	N/A	Not Required	(2)	1,400,000	0	0	0	0	
Public Safety Phone Switch Replacement	2,300,000	2,300,000	A	2022	N/A	Not Required	(2)	0	0	2,300,000	0	0	
Public Safety Non-Handheld Radio Replacements	5,200,000	2,600,000	A	2018	N/A	Not Required	(2)	2,600,000	0	0	0	0	
Public Safety Handheld Radio Replacements	9,500,000	9,500,000	A	2023	N/A	Not Required	(2)	0	0	0	9,500,000	0	
Subtotal, Public Safety Projects	341,916,000	219,745,000						45,150,000	46,720,000	37,815,000	48,900,500	29,762,000	11,397,500
Transit Projects:													
MetroRail Parking Garages	84,500,000	81,500,000	A	2016	N/A	Not Required	(2)	40,000,000	41,500,000	0	0	0	0
Subtotal, Transit Projects	84,500,000	81,500,000						40,000,000	41,500,000	0	0	0	0
Road Projects:													
Dulles West- Northstar to Arcola	43,700,000	9,000,000	A	2021	9,000,000	Nov. 2019	(1)	0	0	3,530,000	3,535,000	1,935,000	0
Westwind Drive - State St to Ladbrook	51,301,000	17,650,000	A	2019	17,650,000	Nov. 2019	(1)	0	0	7,900,000	4,000,000	5,750,000	0
Crossrail Blvd - Segment B	74,860,000	36,580,000	A	2017	36,580,000	Nov. 2018	(1)	0	8,750,000	5,900,000	8,400,000	13,510,000	0
Route 772 Transit Station Connector Bridge	26,528,360	8,875,000	A	2013	N/A	Not Required	(2)	8,875,000	0	0	0	0	
Evergreen Mills-Stone Springs to Loudoun Cty Pkwy	38,000,000	7,908,000	A	2021	7,908,000	Nov. 2020	(1)	0	0	2,500,000	2,500,000	2,908,000	0
Evergreen Mills-Northstar to Stone Springs	30,885,000	13,090,000	A	2020	13,090,000	Nov. 2018	(1)	0	1,971,000	1,314,000	3,000,000	6,805,000	0
Ryan Road Widening (Evergreen Mills to Northstar)	20,980,000	1,835,000	B	2022	20,980,000	Nov. 2022	(1)	0	0	0	0	1,835,000	0
Route 9/Route 287	14,483,000	9,565,000	B	2015	13,255,000	Nov. 2018	(1)	0	955,000	0	4,920,000	3,690,000	0
Route 7/Route 690 Interchange	40,735,000	16,100,000	B	2013	15,100,000	Nov. 2019	(1)	2,000,000	0	4,150,000	2,000,000	7,950,000	0
Loudoun County Pkwy Widening (Ryan Road to Shellhorn Rd)	22,190,000	3,795,000	B	2024	22,190,000	Nov. 2022	(1)	0	0	0	0	3,795,000	0
Belmont Ridge Rd - Shreveport to Evergreen Mills	21,175,000	4,175,000	A	2022	4,175,000	Nov. 2020	(1)	0	0	1,755,000	2,420,000	0	0
Braddock Rd Widening - Rt659 to Royal Hunter	6,095,000	5,660,000	A	2020	5,660,000	Nov. 2018	(1)	0	780,000	860,000	2,010,000	2,010,000	0
Route 15 Bypass to Montessor Rd	78,933,000	5,406,000	B	2019	15,768,000	Nov. 2023	(1)	0	0	0	0	5,406,000	0
Crosen Lane Widening- Claiborne to Mooreview Pkwy	20,900,000	6,450,000	A	2021	6,450,000	Nov. 2019	(1)	0	2,700,000	1,750,000	0	2,000,000	0
Elk Lick Rd Intersections - Rt 50 & Tall Cedars Pkwy	1,654,000	1,565,000	A	2022	1,565,000	Nov. 2020	(1)	0	0	365,000	1,200,000	0	0
Route 50 Corridor Improvements	13,351,000	3,125,000	A	2018	3,125,000	Nov. 2018	(1)	0	3,125,000	0	0	0	0
Harmony Middle School Sidewalk	3,160,000	3,160,000	A	2022	3,160,000	Nov. 2020	(1)	0	0	1,260,000	0	1,900,000	0
Poland Road Path - Edgewater-Poland Hill	2,285,000	2,285,000	A	2022	2,285,000	Nov. 2020	(1)	0	0	1,220,000	0	1,065,000	0
River Creek Sidewalk	1,315,000	1,315,000	A	2022	1,315,000	Nov. 2020	(1)	0	0	1,315,000	0	0	0
Route 50/Everfield Roundabout	11,495,000	1,015,000	B	2024	11,495,000	Nov. 2022	(1)	0	0	0	0	1,015,000	0
Sterling Boulevard/W&OD Overpass	7,745,000	7,745,000	B	2021	7,745,000	Nov. 2019	(1)	0	845,000	3,865,000	3,035,000	0	0
Northstar- Tall Cedars to Braddock	28,368,000	2,500,000	A	2022	2,500,000	Nov. 2020	(1)	0	0	1,614,000	886,000	0	0
Shellhorn Rd	130,750,000	28,000,000	A	2017	86,787,000	Nov. 2021	(1)	8,000,000	0	0	8,000,000	12,000,000	0
Farmwell Road- Smith Switch to Ashburn	32,099,000	19,235,000	A	2016	19,235,000	Nov. 2018	(1)	0	2,000,000	2,800,000	7,500,000	3,715,000	3,220,000
Prentice Drive	102,325,000	12,000,000	A	2017	12,000,000	Nov. 2018	(1)	0	4,000,000	4,000,000	0	0	0
Route 50 North Collector Road (Air & Space Museum Parkway to Route 50)	92,710,000	17,650,000	B	2024	87,015,000	Nov. 2020	(1)	0	0	4,095,000	4,095,000		



Debt Service Fund

Schedule of Major Financings											
FY 2019 - FY 2024 Adopted Capital Improvement Program											
Capital Projects and Leases To Be Financed						Anticipated Sale or Closing Dates and Amounts					
Financing Type/Project	Total Project	Amount to be Financed FY 2019-FY 2024	Project Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
General Obligation Bonds or Appropriation-Based:											
School Administration Projects:											
School Vehicle Lease	60,000,000	60,000,000	N/A	N/A	Not Required (2)	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Subtotal, Administration Projects	60,000,000	60,000,000				10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Elementary School Projects:											
ES-24 Central Loudoun Area	54,195,000	3,182,500 B	2024	54,195,000	Nov. 2022 (1)	0	0	0	0	0	3,182,500
ES-23, North Dulles	44,235,000	44,235,000 B	2019	44,235,000	Nov. 2018 (1)	5,105,000	15,000,000	15,310,000	8,820,000	0	0
Algonkian ES Renovation	24,390,000	10,005,000 B	2023	24,390,000	Nov. 2021 (1)	0	0	0	0	2,815,000	7,190,000
Goshen Post Elementary School (ES-28)	38,770,000	20,202,000	2016	38,770,000	Nov. 2016 (1)	20,202,000	0	0	0	0	0
ES-31, Dulles North Area	39,810,000	36,355,000	2016	38,270,000	Nov. 2015 (1)	15,000,000	21,355,000	0	0	0	0
ES-29, Dulles South Area	44,235,000	44,235,000	2019	44,235,000	Nov. 2018 (1)	5,105,000	15,000,000	15,310,000	8,820,000	0	0
ES-34 Dulles North Area	53,215,000	4,985,000	2023	N/A	Not Required (2)	0	0	0	0	4,985,000	0
Elementary School Classroom Additions- Countywide	28,735,000	12,415,000 B	2021	12,415,000	Nov. 2019 (1)	0	0	3,200,000	3,200,000	3,880,000	2,135,000
Cool Springs ES Renovation	25,055,000	2,940,000 B	2024	25,055,000	Nov. 2022 (1)	0	0	0	0	0	2,940,000
Subtotal, Elementary School Projects	352,640,000	178,554,500				45,412,000	51,355,000	33,820,000	20,840,000	11,680,000	15,447,500
Middle School Projects:											
Willard Middle School (MS-7)	60,820,000	26,385,000	2016	60,820,000	Nov. 2016 (1)	24,510,000	1,875,000	0	0	0	0
MS-14, Dulles North	100,360,000	37,300,000	2022	100,360,000	Nov. 2020 (1)	0	0	0	5,000,000	10,000,000	22,300,000
Subtotal, Middle School Projects	161,180,000	63,685,000				24,510,000	1,875,000	0	5,000,000	10,000,000	22,300,000
High School Projects:											
HS- Tennis Court Lighting (15)	11,245,000	3,500,000	2023	11,245,000	Nov. 2021 (1)	0	0	0	0	1,000,000	2,500,000
HS- Weight Room Expansion	6,840,000	4,560,000	2023	6,840,000	Nov. 2021 (1)	0	0	0	0	1,280,000	3,280,000
Lightridge High School (HS-9)	125,540,000	94,747,200	2017	117,160,000	Nov. 2016 (1)	22,947,200	34,400,000	32,400,000	5,000,000	0	0
Independence High School (HS-11)	121,870,000	74,680,000	2016	112,725,000	Nov. 2015 (1)	26,515,000	20,985,000	27,180,000	0	0	0
Advance Technology Academy	114,638,000	16,175,000 A	2015	83,175,000	Nov. 2014 (1)	16,175,000	0	0	0	0	0
CS Monroe Technology Center	64,943,000	63,193,000 B	2017	63,193,000	Nov. 2017 (1)	1,830,000	10,683,500	16,558,000	14,428,500	15,251,000	4,442,000
Synthetic Field and Track Resurface (2)	7,948,000	2,936,000	2019	2,936,000	Nov. 2017 (1)	1,000,000	1,936,000	0	0	0	0
Subtotal, High School Projects	453,024,000	259,791,200				68,467,200	68,004,500	76,138,000	19,428,500	17,531,000	10,222,000
Other School Projects:											
Division Security Improvements	11,484,000	11,484,000	2019	11,484,000	Nov. 2017 (1)	2,211,163	4,344,994	2,866,723	2,061,120	0	0
Staff Training Center/Round Hill Support Center Renovations	25,730,000	21,674,000	2021	25,730,000	Nov. 2019 (1)	0	0	1,107,000	5,240,000	5,583,000	9,744,000
Joint Use Dry Bulk Storage Facility	4,280,000	4,280,000	2021	N/A	Not Required (2)	0	0	1,000,000	1,565,000	1,715,000	0
School Bus Replacement & Acquisition	91,815,000	48,365,000	2018	4,148,000	Nov. 2017 (1)	7,200,000	7,525,000	7,865,000	8,215,000	8,585,000	8,975,000
School Security Vestibules	14,350,000	10,350,000	2019	10,350,000	Nov. 2018 (1)	2,211,163	344,994	5,589,423	2,204,420	0	0
School Walking Tracks	1,800,000	890,000	2024	1,800,000	Nov. 2022 (1)	0	0	0	0	0	890,000
Valley Service Center Replacement - Culbert ES Bus Parking	28,275,000	9,155,000	2023	28,725,000	Nov. 2021 (1)	0	0	0	0	1,655,000	7,500,000
Bus Radio Replacements	3,845,000	3,845,000	2023	N/A	Not Required (2)	0	0	0	0	3,845,000	0
Arcola ES/Northstar Connection	2,280,000	2,280,000	2024	2,280,000	Nov. 2022 (1)	0	0	0	0	0	2,280,000
Tolbert ES Road Connection	845,000	845,000	2024	845,000	Nov. 2022 (1)	0	0	0	0	0	845,000
Valley Service Center Traffic Signal	585,000	585,000	2024	585,000	Nov. 2022 (1)	0	0	0	0	0	585,000
Heritage HS Entrance to Battlefield Parkway	780,000	780,000	2024	780,000	Nov. 2022 (1)	0	0	0	0	0	780,000
Broadband Infrastructure	5,000,000	2,500,000	2019	N/A	Not Required (2)	750,000	875,000	875,000	0	0	0
Subtotal, Other School Projects	191,069,000	117,033,000				12,372,326	13,089,988	19,303,146	19,285,540	21,383,000	31,599,000
SUBTOTAL - Schools	1,217,913,000	679,063,700				160,761,526	144,324,488	139,261,146	74,554,040	70,594,000	89,568,500
GRAND TOTAL	3,459,824,360	1,503,188,200				281,246,526	285,609,488	234,043,696	234,100,665	233,916,325	234,271,500

Notes on Amount to be Financed between FY 2019 - FY 2024
 A - Includes previously authorized, but unissued debt financing
 B - Remaining amount to be financed after FY 2024

Notes on Potential Referendum Dates and Projects:
 (1) General obligation bond financing requires referendum approval. Expenditures prior to referendum approval will not use general obligation financing.
 (2) May be issued through Capital Leases, Lease Revenue Bonds, Other Financing Sources.



Debt Service Fund

Debt Service Projections FY 2019-FY 2024 Adopted Capital Improvement Program

Projects	Principal	Interest	Total Debt Service	Debt Service Projections FY 2019-FY 2024						Total
				2019	2020	2021	2022	2023	2024	
Administration										
Major Computer Systems	\$12,300,000	\$2,458,000	\$ 14,758,000	140,000	1,205,000	2,119,250	2,060,250	2,128,000	2,040,000	9,692,500
General Government										
Consolidated Shops & Warehouse	\$7,500,000	\$3,937,500	\$ 11,437,500	-	100,000	395,000	472,500	720,625	701,875	2,390,000
Landfill Reclamation Project	8,480,000	4,445,500	12,925,500	137,000	617,125	824,625	803,375	782,125	760,875	3,925,125
Landfill Sequence V Closure	6,410,000	3,359,000	9,769,000	33,750	262,250	629,000	617,875	596,750	585,625	2,725,250
Landfill Sequence 1A Cap & Closure	1,500,000	787,500	2,287,500	-	37,500	148,125	144,375	140,625	136,875	607,500
Waterford Space Renovation	2,000,000	1,050,000	3,050,000	-	-	50,000	197,500	192,500	187,500	627,500
Eastern Services Center	5,750,000	3,017,500	8,767,500	-	-	-	-	-	143,750	143,750
Health & Welfare Projects:										
DS Group Residence - Eastern Loudoun	2,375,000	1,138,750	3,513,750	-	-	59,375	265,000	257,500	250,000	831,875
DS Group Residence - Purcellville	2,125,000	1,121,250	3,246,250	53,125	208,625	203,375	198,125	192,875	187,625	1,043,750
Parks & Recreation and Library Services Projects:										
Ashburn Recreation & Community Center	49,590,000	24,170,750	73,760,750	-	-	-	-	1,249,750	2,628,750	3,878,500
Brambleton Library	5,780,000	3,028,000	8,808,000	-	144,500	571,750	557,250	542,750	528,250	2,344,500
Scott Jenkins Park Phase 3	1,755,000	918,000	2,673,000	-	-	-	177,750	173,250	168,750	519,750
Fields Farm Park	9,787,000	5,133,500	14,920,500	-	-	-	-	179,350	474,850	654,200
STEM Library	26,800,000	11,956,500	38,756,500	-	-	-	150,000	786,250	1,607,400	2,543,650
Hal & Berni Hanson Regional Park	38,172,000	18,648,500	56,820,500	-	-	-	561,900	1,987,650	4,142,600	6,692,150
Lovettsville District Park (includes entrance & access road)	4,680,000	2,292,500	6,972,500	-	-	-	250,400	507,750	493,750	1,251,900
Franklin Park to Purcellville Trail	5,000,000	2,622,500	7,622,500	-	-	-	-	127,500	496,750	624,250
Philip Bolen Park Phase 2	6,175,000	3,258,500	9,433,500	-	-	-	301,628	505,484	593,500	1,400,612
Sterling Community Center Renovation	5,084,000	2,501,750	7,585,750	-	-	554,200	539,200	524,200	514,200	2,131,800
Public Safety Projects:										
Animal Services Facility	13,800,000	6,690,000	20,490,000	-	507,500	1,282,250	1,491,000	1,443,500	1,411,250	6,135,500
Courts Complex Phase III	85,050,000	43,361,790	128,411,790	450,000	2,227,500	3,835,000	5,187,138	7,267,514	8,310,252	27,277,404
Public Safety Redundant Prime Tower	1,450,000	290,000	1,740,000	36,250	272,375	267,000	251,625	246,250	230,875	1,304,375
Philomont Fire Rescue Station Replacement	2,000,000	1,050,000	3,050,000	-	-	-	-	-	-	-
Fire and Rescue Vehicle Annex	4,450,000	2,335,000	6,785,000	-	-	-	-	-	287,500	287,500
Juvenile Detention Center Phase I	8,000,000	4,200,000	12,200,000	-	-	100,000	495,000	780,000	760,000	2,135,000
Juvenile Detention Center Phase II	5,195,000	2,725,000	7,920,000	-	-	-	-	-	259,875	259,875
Aldie Fire Rescue Station Replacement	4,000,000	1,611,750	5,611,750	-	-	-	37,500	148,125	534,375	720,000
Leesburg South Fire & Rescue Station	8,900,000	4,672,500	13,572,500	-	-	-	100,000	217,500	482,000	799,500
Lovettsville Fire Station Replacement	10,500,000	5,071,750	15,571,750	-	677,500	1,158,000	1,130,500	1,087,750	1,065,500	5,119,250
Lucketts Fire Station Replacement	8,570,000	3,776,750	12,346,750	-	500,000	1,051,000	1,019,250	987,500	955,750	4,513,500
Fire Rescue Training Center Expansion	6,500,000	3,023,000	9,523,000	-	-	-	230,000	524,250	741,000	1,495,250
Public Safety Firing Range	12,000,000	6,185,572	18,185,572	-	125,000	618,750	1,025,000	1,181,625	1,145,000	4,095,375
Round Hill Fire Station Replacement	15,660,000	7,754,000	23,414,000	-	190,000	685,250	1,168,000	1,646,250	1,605,500	5,295,000
Leesburg VFD Expansion (#20)	3,000,000	1,575,000	4,575,000	-	300,000	292,500	285,000	277,500	270,000	1,425,000
Sterling Fire Station Replacement	12,470,000	6,126,750	18,596,750	-	-	507,500	1,000,500	1,330,500	1,288,250	4,126,750
Route 606 Station (#29)	2,400,000	1,260,000	3,660,000	-	-	-	-	-	120,000	120,000
Public Safety Radio Tower Coverage Sites	1,400,000	735,000	2,135,000	35,000	138,250	134,750	131,250	127,750	124,250	691,250
Public Safety Phone Switch Replacement	2,300,000	1,207,500	3,507,500	-	-	-	57,500	227,125	221,375	506,000
Public Safety Non-Handheld Radio Replacements	2,600,000	520,500	3,120,500	65,000	490,750	472,250	453,750	440,125	416,500	2,338,375
Public Safety Handheld Radio Replacements	9,500,000	1,900,000	11,400,000	-	-	-	237,500	1,796,125	1,733,250	3,766,875



Debt Service Fund

Debt Service Projections FY 2019-FY 2024 Adopted Capital Improvement Program

Projects	Principal	Interest	Total Debt Service	Debt Service Projections FY 2019-FY 2024						Total
				2019	2020	2021	2022	2023	2024	
Transit Projects:										
Metrorail Parking Garages	81,500,000	42,787,500	124,287,500	1,000,000	4,987,500	7,948,125	7,744,375	7,540,625	7,336,875	36,557,500
Road Projects:										
Dulles West- Northstar to Arcola	9,000,000	4,739,000	13,739,000	-	-	-	351,500	694,500	868,750	1,914,750
Westwind Drive - State St to Ladbrook	17,650,000	9,265,000	26,915,000	-	-	-	790,000	1,170,250	1,718,000	3,678,250
Crosstrail Blvd - Segment B	36,560,000	19,196,500	55,756,500	-	-	877,500	1,440,500	2,249,000	3,536,750	8,103,750
Route 772 Transit Station Connector Bridge	8,875,000	4,652,500	13,527,500	221,875	877,625	855,375	833,125	810,875	788,625	4,387,500
Evergreen Mills-Stone Springs to Loudoun Cty Pkwy	7,908,000	4,155,000	12,063,000	-	-	-	-	250,000	493,750	743,750
Evergreen Mills-Northstar to Stone Springs	13,090,000	6,873,250	19,963,250	-	-	198,550	324,250	616,000	1,280,500	2,419,300
Ryan Road Widening (Evergreen Mills to Northstar)	1,835,000	967,750	2,802,750	-	-	-	-	-	-	-
Route 9/Route 287	9,565,000	5,019,500	14,584,500	-	-	-	97,750	95,250	583,750	776,750
Route 7/Route 690 Interchange	16,100,000	8,450,000	24,550,000	-	200,000	195,000	190,000	602,500	782,000	1,969,500
Loudoun County Pkwy Widening (Ryan Road to Waxpool Rc	3,795,000	1,990,000	5,785,000	-	-	-	-	-	-	-
Belmont Ridge Rd - Shreveport to Evergreen Mills	4,175,000	2,194,000	6,369,000	-	-	-	-	177,750	414,250	592,000
Braddock Rd Widening - Rt659 to Royal Hunter	5,660,000	2,967,500	8,627,500	-	-	79,000	165,000	361,250	552,500	1,157,750
Route 15 Bypass to Montessor	5,406,000	2,840,750	8,246,750	-	-	-	-	-	-	-
Croson Lane Widening- Claiborne to Mooreview Pkwy	6,450,000	3,385,000	9,835,000	-	-	-	270,000	440,750	424,500	1,135,250
Elk Lick Rd Intersections - Rt50 & Tall Cedars Pkwy	1,565,000	815,500	2,380,500	-	-	-	-	38,250	157,250	195,500
Route 50 Corridor Improvements	3,125,000	1,646,250	4,771,250	-	-	311,250	303,500	295,750	288,000	1,198,500
Harmony Middle School Sidewalk	3,160,000	1,654,000	4,814,000	-	-	-	-	128,000	124,750	252,750
Poland Road Path - Edgewater-Poland Hill	2,285,000	1,199,000	3,484,000	-	-	-	-	121,000	118,000	239,000
River Creek Sidewalk	1,315,000	695,250	2,010,250	-	-	-	-	130,750	127,500	258,250
Route 50/Everfield Roundabout	1,015,000	537,750	1,552,750	-	-	-	-	-	-	-
Sterling Boulevard/W&OD Overpass	7,745,000	4,065,500	11,810,500	-	-	-	82,250	468,500	763,500	1,314,250
Northstar- Tall Cedars to Braddock	2,500,000	1,312,500	3,812,500	-	-	-	-	160,700	246,000	406,700
Shellhorn Rd	28,000,000	14,700,000	42,700,000	-	800,000	780,000	760,000	740,000	1,520,000	4,600,000
Farmwell Road- Smith Switch to Ashburn	19,235,000	10,108,750	29,343,750	-	-	200,000	475,000	1,213,000	1,553,000	3,441,000
Prentice Drive	12,000,000	6,300,000	18,300,000	-	-	400,000	790,000	1,170,000	1,140,000	3,500,000
Route 50 North Collector Road (Air & Space Parkway to Tall	17,650,000	9,256,500	26,906,500	-	-	-	-	409,750	809,250	1,219,000
Intelligent Transportation System, Phase 1	2,327,000	1,214,500	3,541,500	26,250	106,125	98,500	100,875	93,250	127,550	552,550
Intersection Improvements	41,253,000	21,654,500	62,907,500	-	-	220,750	853,000	1,809,550	2,685,400	5,568,700
Route 7 Pedestrian Crossing	6,055,000	3,175,500	9,230,500	21,375	86,625	84,375	182,125	172,500	382,875	929,875
Route 50/Trailhead Roundabout	6,252,500	3,283,250	9,535,750	-	-	-	-	120,750	247,250	368,000
Route 15/Braddock Roundabout	1,015,000	537,750	1,552,750	-	-	-	-	-	-	-
Trailhead/Braddock Roundabout	1,015,000	537,750	1,552,750	-	-	-	-	-	-	-
Sidewalk and Trail Program	7,035,000	3,702,750	10,737,750	-	-	-	-	110,500	299,000	409,500



Debt Service Fund

Debt Service Projections FY 2019-FY 2024 Adopted Capital Improvement Program

Projects	Principal	Interest	Total Debt Service	Debt Service Projections FY 2019-FY 2024						Total
				2019	2020	2021	2022	2023	2024	
School Administration Projects:										
School Vehicle Lease	\$60,000,000	\$7,500,000	\$ 67,500,000	-	3,000,000	5,875,000	8,625,000	11,250,000	11,250,000	40,000,000
Elementary School Projects										
ES-24 Central Loudoun Area	\$3,182,500	\$1,664,750	\$ 4,847,250	-	-	-	-	-	-	-
ES-23, North Dulles	44,235,000	21,790,475	66,025,475	-	510,250	1,997,500	3,477,750	4,680,250	4,549,250	15,215,000
Algonkian ES Renovation	10,005,000	5,253,250	15,258,250	-	-	-	-	-	280,750	280,750
Goshen Post Elementary School (ES-28)	20,202,000	9,288,500	29,490,500	-	2,400,100	2,325,600	2,261,350	2,186,850	2,117,600	11,291,500
ES-31, Dulles North Area	36,355,000	17,785,000	54,140,000	-	1,500,000	3,970,250	3,860,750	3,751,250	3,641,750	16,724,000
ES-29, Dulles South Area	44,235,000	21,790,475	66,025,475	-	510,250	1,997,500	3,477,750	4,680,250	4,549,250	15,215,000
ES-34 Dulles North Area	4,985,000	2,611,500	7,596,500	-	-	-	-	-	499,250	499,250
Elementary School Classroom Additions- Countywide	12,415,000	6,255,000	18,670,000	-	-	-	320,000	632,000	1,005,000	1,957,000
Cool Springs ES Renovation	2,940,000	1,546,500	4,486,500	-	-	-	-	-	-	-
Middle School Projects:										
Willard Middle School (MS-7)	26,385,000	\$13,394,000	\$ 39,779,000	-	2,450,500	2,708,000	2,635,500	2,563,000	2,490,500	12,847,500
MS-14, Dulles North	37,300,000	17,357,500	54,657,500	-	-	-	-	500,000	1,487,500	1,987,500
High School Projects:										
HS- Tennis Court Lighting (15)	\$3,500,000	\$1,837,500	\$ 5,337,500	-	-	-	-	-	100,000	100,000
HS- Weight Room Expansion (3)	4,560,000	2,381,000	6,941,000	-	-	-	-	-	129,000	129,000
Lightridge High School (HS-9)	94,747,200	49,744,450	144,491,650	-	2,292,360	5,675,110	8,776,860	9,047,360	8,815,610	34,607,300
Independence High School (HS-11)	74,680,000	36,496,250	111,176,250	-	2,650,750	4,683,750	8,059,000	7,833,500	7,608,000	30,835,000
Advance Technology Academy	16,175,000	8,485,000	24,660,000	-	1,618,750	1,578,250	1,537,750	1,497,250	1,456,750	7,688,750
CS Monroe Technology Center	63,193,000	31,737,250	94,930,250	-	181,500	1,246,175	3,117,825	4,599,250	5,999,550	15,144,300
School Bus Replacement & Acquisition	48,365,000	9,670,500	58,035,500	-	1,390,000	2,789,750	4,202,750	5,627,000	7,056,000	21,065,500
Synthetic Field and Track Resurface (2)	2,936,000	1,546,250	4,482,250	-	100,000	289,300	282,050	274,800	267,550	1,213,700
Other School Projects:										
Division Security Improvements	\$11,484,000	\$5,662,040	\$ 17,146,040	-	220,558	647,308	919,394	1,208,950	1,179,950	4,176,160
Staff Training Center/Round Hill Support Center Renovation	21,674,000	10,538,750	32,212,750	-	-	-	110,350	629,600	1,358,000	2,097,950
Joint Use Dry Bulk Storage Facility	4,280,000	2,181,250	6,461,250	-	-	25,000	137,875	314,875	428,250	906,000
School Security Vestibules	10,350,000	4,965,500	15,315,500	-	220,558	247,308	800,529	1,135,500	1,108,000	3,511,895
School Walking Tracks	890,000	463,000	1,353,000	-	-	-	-	-	-	-
Valley Service Center Replacement - Culbert ES Bus Parkin	9,155,000	4,803,000	13,958,000	-	-	-	-	-	167,750	167,750
Bus Radio Replacements	3,845,000	768,250	4,613,250	-	-	-	-	96,125	728,500	824,625
Arcola ES/Northstar Connection	2,280,000	1,190,500	3,470,500	-	-	-	-	-	-	-
Tolbert ES Road Connection	845,000	444,750	1,289,750	-	-	-	-	-	-	-
Valley Service Center Traffic Signal	585,000	301,500	886,500	-	-	-	-	-	-	-
Heritage HS Entrance to Battlefield Parkway	780,000	403,000	1,183,000	-	-	-	-	-	-	-
Broadband Infrastructure	2,500,000	1,297,500	3,797,500	18,750	98,375	179,125	245,750	234,375	233,000	1,009,375
Totals	\$1,503,188,200	\$714,726,802	\$2,217,915,002	2,238,375	34,205,701	64,442,301	90,199,124	116,382,508	137,125,512	444,593,521



Debt Service Fund

Debt Service Projections FY 2019-FY 2024 Adopted Capital Improvement Program

	Summary - Total County Projects						Summary - Total School Projects						
Total	Total General Government & Administration Projects	Total Health & Welfare Services Projects	Total PRCS Projects	Total Public Safety Projects	Total Transportation Services Projects	Subtotal, County Government	Total School Administration Projects	Total Elementary School Projects	Total Middle School Projects	Total High School Projects	Total Other School Projects	Subtotal, School Projects	Total County & School Projects
Principal	\$ 54,940,000	\$ 4,500,000	\$ 152,823,000	\$ 219,745,000	\$ 392,116,500	\$ 824,124,500	\$ 60,000,000	\$ 178,554,500	\$ 63,685,000	\$ 259,791,200	\$ 117,033,000	\$ 679,063,700	\$ 1,503,188,200
2019	310,750	53,125	-	586,250	1,269,500	2,219,625	-	-	-	-	18,750	18,750	2,238,375
2020	2,221,875	208,625	144,500	5,428,875	7,057,875	15,061,750	3,000,000	4,920,600	2,450,500	6,843,360	1,929,491	19,143,951	34,205,701
2021	4,166,000	262,750	1,125,950	10,404,250	12,248,425	28,207,375	5,875,000	10,290,850	2,708,000	13,472,585	3,888,491	36,234,926	64,442,301
2022	4,295,875	463,125	2,538,128	14,300,513	15,753,250	37,350,891	8,625,000	13,397,600	2,635,500	21,773,485	6,416,648	52,848,233	90,199,124
2023	4,685,625	450,375	6,583,934	19,729,389	22,191,000	53,640,323	11,250,000	15,930,600	3,063,000	23,252,160	9,246,425	62,742,185	116,382,508
2024	5,200,250	437,625	11,648,800	21,962,502	29,369,575	68,618,752	11,250,000	16,642,850	3,978,000	24,376,460	12,259,450	68,506,760	137,125,512
2025	5,894,000	424,875	16,311,900	22,433,127	36,857,700	81,921,602	11,250,000	17,779,225	6,733,000	24,751,060	15,862,400	76,375,685	158,297,287
2026	5,699,500	412,125	15,863,900	21,771,502	35,887,700	79,634,727	8,250,000	17,245,725	6,535,500	24,047,310	15,307,400	71,385,935	151,020,662
2027	4,720,125	399,375	15,385,150	20,498,252	34,892,700	75,895,602	5,375,000	16,142,475	6,338,000	23,328,310	13,717,150	64,900,935	140,796,537
2028	3,761,500	386,625	14,867,150	19,120,627	33,917,950	72,053,852	2,625,000	15,072,975	5,940,500	22,629,810	12,143,275	58,411,560	130,465,412
2029	3,648,500	325,125	14,401,900	18,493,509	32,938,450	69,807,484	-	14,608,975	5,753,000	20,338,810	10,551,300	51,252,085	121,059,569
2030	3,408,750	319,750	13,441,900	15,543,296	31,958,450	64,672,146	-	12,870,625	5,565,500	19,540,910	8,590,105	46,567,140	111,239,286
2031	3,307,125	304,375	12,821,900	14,676,546	30,984,075	62,094,021	-	12,462,625	5,378,000	18,896,410	6,203,230	42,940,265	105,034,286
2032	3,195,500	303,875	10,641,150	14,188,796	29,993,700	58,323,021	-	11,934,625	4,210,500	18,234,060	4,636,855	39,016,040	97,339,061
2033	3,089,000	283,375	10,323,150	13,721,046	29,024,575	56,441,146	-	11,542,625	4,077,000	17,595,810	4,472,855	37,688,290	94,129,436
2034	2,982,500	282,875	9,959,275	13,233,296	28,034,200	54,492,146	-	11,130,125	3,933,250	17,003,560	4,339,605	36,406,540	90,898,686
2035	2,876,000	262,375	9,641,400	12,765,546	27,075,075	52,620,396	-	10,738,125	3,799,750	16,355,060	4,170,605	35,063,540	87,683,936
2036	2,769,500	261,875	9,277,775	12,282,796	26,079,325	50,671,271	-	10,325,625	3,656,000	15,763,060	4,052,605	33,797,290	84,468,561
2037	2,663,000	241,375	8,970,150	11,809,796	25,134,825	48,819,146	-	9,928,625	3,522,500	15,114,810	3,873,105	32,439,040	81,258,186
2038	2,556,500	240,875	8,596,275	11,327,046	24,128,075	46,848,771	-	9,546,375	3,378,750	14,523,060	3,744,980	31,193,165	78,041,936
2039	2,450,000	220,375	8,298,900	10,863,921	23,193,075	45,026,271	-	9,115,125	3,245,250	13,882,260	3,578,431	29,821,066	74,847,337
2040	2,007,125	112,625	7,918,775	8,335,046	19,189,950	37,563,521	-	6,661,275	1,871,500	9,852,700	3,178,852	21,564,327	59,127,848
2041	1,264,625	102,500	7,108,250	5,933,671	15,231,400	29,640,446	-	3,977,025	1,779,500	6,004,975	2,767,635	14,529,135	44,169,581
2042	1,106,500	0	6,042,647	3,785,901	12,618,325	23,553,373	-	2,105,025	1,698,250	2,476,325	2,062,222	8,341,822	31,895,195
2043	890,250	0	4,068,291	2,025,488	8,634,200	15,618,229	-	1,411,625	1,377,250	1,453,300	1,572,475	5,814,650	21,432,879
2044	599,625	0	1,372,350	595,875	4,333,375	6,901,225	-	758,625	808,500	509,250	1,138,200	3,214,575	10,115,800
2045	-	0	-	-	-	-	-	-	-	-	-	-	-
2046	-	0	-	-	-	-	-	-	-	-	-	-	-
2047	-	0	-	-	-	-	-	-	-	-	-	-	-
2048	-	0	-	-	-	-	-	-	-	-	-	-	-
Total Principal & Interest	\$ 79,770,000	\$ 6,760,000	\$ 227,353,500	\$ 325,816,862	\$ 597,996,750	1,237,697,112	67,500,000	266,539,950	94,436,500	392,018,900	159,722,540	\$ 980,217,890	\$ 2,217,915,002



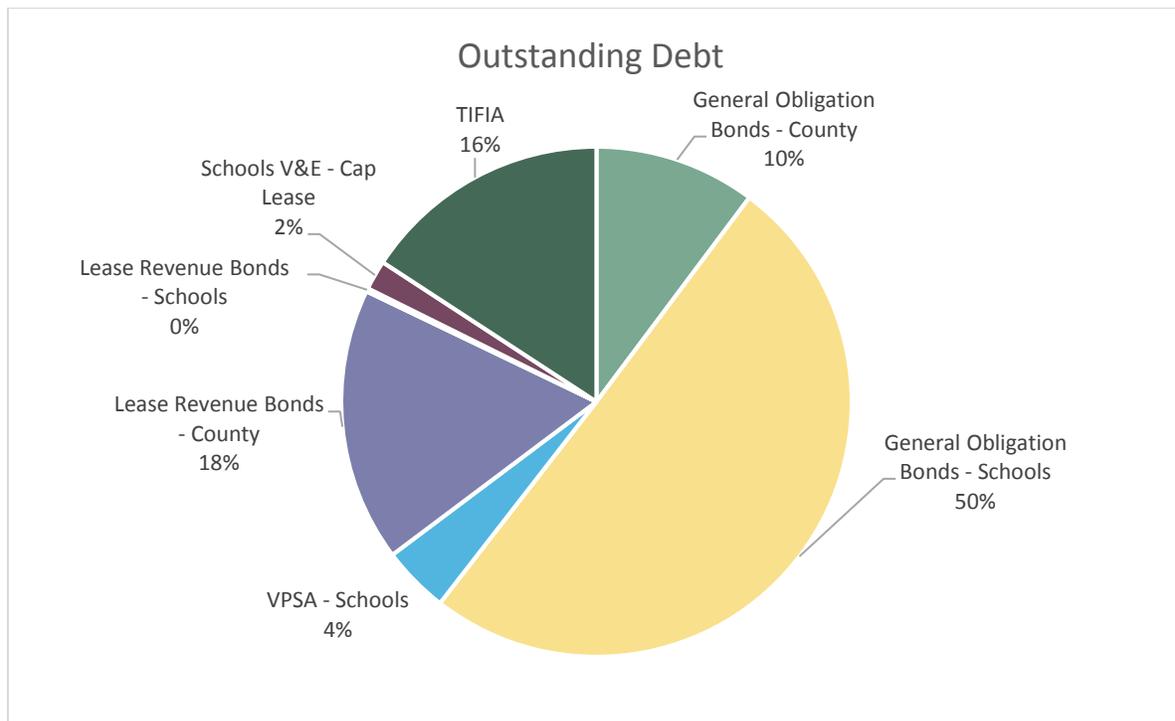
Debt Service Fund

Outstanding Debt and Referendum Authority

The charts and tables below summarize the outstanding debt attributable to the County and Schools by type. Outstanding debt represents the amount of existing debt (principal) the County is obligated to repay. The information in the following tables is as of April 30, 2018. Additionally, information regarding the amount of referendum authority approved and unissued is included on the following page.

Outstanding Debt as of April 30, 2018

Type of Debt	General Government	Schools	Total
General Obligation Bonds	\$137,029,533	\$673,755,467	\$810,785,000
VPSA General Obligation Bonds	-	56,840,000	56,840,000
Lease Revenue Bonds	232,847,000	2,753,000	235,600,000
Capital Leases	-	25,153,593	25,153,593
Federal Loans	211,562,078	-	211,562,078
Total	\$581,438,611	\$758,502,060	\$1,339,940,671



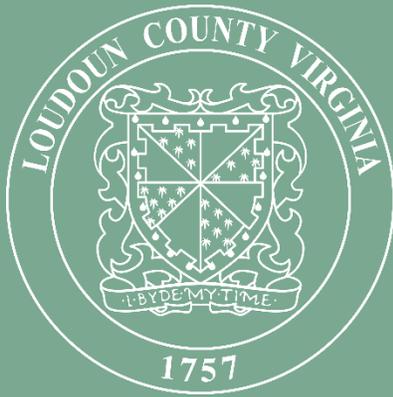


Debt Service Fund

The following table displays the amount of general obligation bonds approved by voters at referendum and the amount unissued. Referendum authority is valid for a period of eight years and may be extended to 10 years upon approval of a resolution by the Board of Supervisors requesting the Circuit Court to extend the period. This information is different from the table above because it represents debt the County has the authority to issue, but has not issued. Also, it is specific to general obligation debt only; whereas the table above represents debt the county has issued, and includes all types of debt. The table below is categorized by year and functional area.

Outstanding Referendum Authority as of April 30, 2018

Referendum Year	Functional Area	Approved Referendum Amount	Amount Authorized and Unissued
2010	Schools	27,820,000	5,590,237
	2010 Subtotal	27,820,000	5,590,237
2011	Public Safety	3,000,000	306,525
	Schools	169,620,000	13,173,000
	2011 Subtotal	172,620,000	13,479,525
2012	Public Safety	2,750,000	212,238
	Schools	136,150,000	14,800,000
	2012 Subtotal	138,900,000	15,012,238
2013	Parks and Rec	34,255,000	5,000,000
	Public Safety	14,175,000	8,635,000
	Schools	10,755,000	831,710
	2013 Subtotal	59,185,000	14,466,710
2014	Parks and Rec	10,935,000	5,084,000
	Public Safety	34,690,000	26,186,000
	Schools	162,900,000	68,700,290
	2014 Subtotal	208,525,000	99,970,290
2015	Public Safety	2,940,000	2,940,000
	Schools	150,995,000	126,035,000
	2015 Subtotal	153,935,000	128,975,000
2016	Parks and Rec	76,115,000	71,435,000
	Public Safety	17,500,000	13,500,000
	Transportation	18,000,000	12,000,000
	Schools	233,070,000	212,240,000
	2016 Subtotal	344,685,000	309,175,000
2017	Public Safety	15,660,000	15,660,000
	Schools	81,761,000	81,761,000
	2017 Subtotal	97,421,000	97,421,000
		1,203,091,000	684,090,000
Totals	Schools	973,071,000	523,131,237
	County	230,020,000	160,958,763
	Total	1,203,091,000	684,090,000

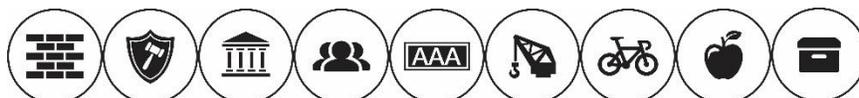


Other Funds

FY 2019 Adopted Budget

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CAPITAL ASSET PRESERVATION PROGRAM FUND

The Board of Supervisors established the Capital Asset Preservation Program Fund (CAPP) in 1990 as a consistent means of planning and financing for major Loudoun County Public Schools (LCPS) and County General Government maintenance efforts. The CAPP affords the County the ability to extend the useful life of mature and aging facilities by repairing major facility components and systems, including repair by replacement.

The County uses nationally promulgated standards as guidelines for the maintenance of, and financial investment in, aging facilities. For example, the Association of Higher Education Facilities Officers recommends annual capital asset preservation funding ranges that are 1.5 to 3.0 percent of the total replacement value of an institution’s physical plant. Similarly, the federal Internal Revenue Service has established a depreciation standard of 2.5 percent per year on fixed assets. The number of new facilities for the LCPS and County also influences the CAPP budget, as new facilities are added to the County’s fixed asset inventory at a faster pace than the County’s ability to increase funding to maintain the CAPP at optimal levels.

The CAPP is financed through local tax funding and lease revenue debt financing. The CAPP also receives additional revenue from surcharges collected by the Clerk of the Circuit Court on recordation taxes. This recordation tax surcharge is legally earmarked for the ongoing maintenance of Court-related facilities. Budget projections for FY 2019 through FY 2024 reflect the funding required to support capital asset preservation.

Fund Financial Summary

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
Revenues							
<i>Transfer From The General Fund</i>							
General Government	\$10,518,500	\$8,900,949	\$9,618,429	\$10,361,484	\$10,588,484	\$11,551,000	\$61,538,846
Schools	\$13,973,000	\$14,110,000	\$14,187,000	\$14,409,000	\$14,447,000	\$14,504,000	\$85,630,000
Subtotal – General Fund	\$24,491,500	\$23,010,949	\$23,805,429	\$24,770,484	\$25,035,484	\$26,055,000	\$147,168,846
<i>Other Revenue Sources</i>							
Proffers (Cash)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Court Recordation Fees	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Subtotal – Other Sources	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Total – Revenues	\$24,591,500	\$23,110,949	\$23,905,429	\$24,870,484	\$25,135,484	\$26,155,000	\$147,768,846
Expenditures							
General Government	\$10,518,500	\$8,900,949	\$9,618,429	\$10,361,484	\$10,588,484	\$11,551,000	\$61,538,846
Courts Maintenance	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Subtotal	\$10,618,500	\$9,000,949	\$9,718,429	\$10,461,484	\$10,688,484	\$11,651,000	\$62,138,846
Schools	\$13,973,000	\$14,110,000	\$14,187,000	\$14,409,000	\$14,447,000	\$14,504,000	\$85,630,000
Total – Expenditures	\$24,591,500	\$23,110,949	\$23,905,429	\$24,870,484	\$25,135,484	\$26,155,000	\$147,768,846



Capital Asset Preservation Program Fund

Program Compared to Fixed Asset Value (FAV)

Fixed Asset Value (FAV)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
General Government	\$1,433,678,941	\$1,577,046,835	\$1,734,751,519	\$1,908,226,671	\$2,099,049,338	\$2,308,954,272
Schools	\$1,869,116,724	\$2,056,028,397	\$2,261,631,236	\$2,487,794,360	\$2,736,573,796	\$3,010,231,175
Total Fixed Asset Value	\$3,302,795,665	\$3,633,075,232	\$3,996,382,755	\$4,396,021,031	\$4,835,623,134	\$5,319,185,447

CAPP Projects as a % of FAV						
General Government	0.74%	0.57%	0.56%	0.55%	0.51%	0.50%
Schools	0.75%	0.69%	0.63%	0.58%	0.53%	0.48%
Total Projects as a % of FAV	0.74%	0.64%	0.60%	0.57%	0.52%	0.49%

Program by Functional Area and Repair Category

Maintenance and Repair Category	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
General Government							
Building	\$2,363,400	\$2,801,372	\$2,862,000	\$2,944,000	\$3,876,000	\$4,876,000	\$19,722,772
Mechanical/Electrical Plumbing	\$3,443,000	\$1,625,043	\$1,679,000	\$2,010,000	\$1,210,084	\$1,785,000	\$11,752,127
Parks/Recreation Facilities	\$545,600	\$1,049,534	\$1,157,085	\$1,210,084	\$1,215,000	\$1,215,000	\$6,392,303
Pavement/Site	\$1,740,000	\$1,830,000	\$2,320,000	\$2,545,000	\$2,635,000	\$2,015,000	\$13,085,000
Renovations	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,000,000
Roofing	\$1,426,500	\$595,000	\$600,344	\$652,400	\$652,400	\$660,000	\$4,586,644
Subtotal – General Government	\$10,518,500	\$8,900,949	\$9,618,429	\$10,361,484	\$10,588,484	\$11,551,000	\$61,538,846
Courts							
Court Facilities Maintenance	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Subtotal – Courts	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Schools							
Electrical	\$2,005,000	\$1,317,500	\$1,113,500	\$1,823,000	\$1,802,000	\$1,722,000	\$9,783,000
HVAC	\$725,000	\$553,750	\$683,250	\$1,894,000	\$1,796,000	\$1,915,000	\$7,567,000
Plumbing	\$517,250	\$603,500	\$340,500	\$255,000	\$232,000	\$345,000	\$2,293,250
Resurfacing	\$5,572,750	\$5,505,250	\$4,972,000	\$5,044,000	\$1,525,000	\$1,960,000	\$24,579,000
Roofing	\$3,580,500	\$3,924,000	\$3,978,000	\$2,730,000	\$7,208,000	\$6,533,000	\$27,953,500
Structure Repair	\$1,572,500	\$1,454,250	\$2,243,000	\$2,257,000	\$954,000	\$1,529,000	\$10,009,750
Windows	\$0	\$751,750	\$856,750	\$406,000	\$930,000	\$500,000	\$3,444,500
Subtotal – Schools	\$13,973,000	\$14,110,000	\$14,187,000	\$14,409,000	\$14,447,000	\$14,504,000	\$85,630,000
Total – Capital Asset Preservation Program	\$24,591,500	\$23,110,949	\$23,905,429	\$24,870,484	\$25,135,484	\$26,155,000	\$147,768,846



CENTRAL SERVICES FUND

The Governmental Accounting Standards Board (GASB), which serves as the final arbiter of governmental accounting matters, authorizes the use of internal services funds “to account for the financing of goods or services provided by one department or agency to other departments or agencies of the governmental unit on a cost reimbursement basis (GASB 1300.104).” The Central Services Fund provides a mechanism to centralize operations that are more efficiently managed by a single agency, such as motor pools, courier services, and telecommunications, while allowing for a complete reporting of each department’s share of the system costs. For the County government, this objective is accomplished by charging agencies for their share of:

- telecommunications expenditures for maintaining and operating the County telephone system, based on the number of telephone extensions;
- central duplicating expenditures related to photocopies made at centrally-located photocopier machines;
- the County’s interdepartmental internal central mail/courier system expenditures, based on the number of pick-up locations, and;
- fleet vehicle acquisition and operational expenditures borne by the shared County/Loudoun County Public Schools fleet vehicle maintenance facility, based on the number and type of fleet vehicles assigned to each department and employees’ use of the motor pool.

Agencies are also charged for scheduled depreciation on vehicles to ensure that sufficient funding is available for replacement when vehicles are no longer usable.

The Central Services Fund is managed on a cost-reimbursement basis, and is not an appropriated fund. Since resources are provided by means of transfers from the County’s operating funds, the Central Services Fund’s spending plan is developed as part of the annual budget process. Payments are included in each department’s adopted budget and vary depending on the department’s size, number of locations, and estimated usage. The table below reflects the budgeted expenditures for duplicating, telecommunications, mail, support, and fleet-related charges within the County’s General, State and Federal Grant, Capital, and Central Service Funds.

FY 2019 Analysis

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected ¹
Expenditures				
Central Duplicating	\$1,106,822	\$1,236,714	\$1,191,506	\$1,203,421
Central Telephone	2,337,114	2,594,581	2,722,701	2,749,928
Central Mailing	602,836	784,060	684,624	691,470
Central Support Services ²	1,579,000	0	0	0
Central Vehicle Fuel	2,522,970	2,832,064	3,640,681	3,677,088
Central Vehicle Maintenance ³	2,705,941	3,211,604	0	0
Central Vehicle Depreciation	8,381,786	10,418,995	9,077,819	9,168,597
Central Vehicle Leases	199,836	317,950	322,500	325,725
Total – Expenditures	\$19,436,305	\$21,395,968	\$17,639,831	\$17,816,229
FTE²	11.33	3.53	3.53	3.53

¹ Sums may not equal due to rounding.

² 7.80 FTE and operating costs associated with the Central Support Services function previously reflected in this fund are now included in the Department of Information Technology, effective with the FY 2018 budget.

³ Beginning in FY 2019, vehicle maintenance expenditures will be budgeted with the Department of General Services, not in the Central Services Fund.



Central Services Fund

As noted above, the Central Services Fund is determined by each department's size, number of locations, and estimated usage, and will fluctuate as these factors change from year-to-year. The FY 2019 Adopted Budget for the Central Services Fund decreased by \$3,756,137, primarily due to a change in how vehicle maintenance is budgeted beginning in FY 2019. Vehicle maintenance is incorporated into the Department of General Services, and will not be part of the Central Services Fund¹. Central duplicating expenditures decreased by \$45,208, central telephone increased by \$128,120, central mailing decreased by \$99,436, central vehicle fuel increased by \$808,617, central vehicle depreciation decreased by \$1,341,176, and central vehicle leases increased by \$4,550.

After 7.80 FTE were moved from Central Support Services to the Department of Information Technology in FY 2018, there are 3.53 FTE remaining within the Central Services Fund. All 3.53 FTE are committed to the interdepartmental mail system, though their personnel costs are part of the Department of General Services. These four positions, which include three full-time and one part-time, manage mail distribution across the County.

FY 2020 and Beyond

In FY 2020, the cost of services within the Central Services Fund are anticipated to grow at the same rate as regular operating and maintenance expenditures, and as positions are added.

The FY 2020 Projected Budget for the Central Services Fund includes an increase of \$176,398, or a 1 percent increase across each service line. Central duplicating increased by \$11,915, central telephone increased by \$27,227, central mailing increased by \$6,846, central vehicle fuel increased by \$36,407, central vehicle depreciation increased by \$90,778, and central vehicle leases increased by \$3,225.

¹ The FY 2019 Adopted Budget for vehicle maintenance is \$3,635,715. Please see the Department of General Services Page for more information.



CHILDREN’S SERVICES ACT FUND

The Children’s Services Act (CSA), formerly the Comprehensive Services Act, is a state law that established a state and locally shared fund for the purchase of services for at-risk youth. The CSA Fund, managed by the Department of Family Services (DFS), accounts for the revenues and expenditures of the program. The program is funded through a State pool of money allocated to the County and distributed as reimbursements. A local match is required and varies based on the type of service being provided, from 23.82 percent (community-based services) to 59.54 percent (residential treatment services). The services typically funded by the CSA are for youth with behavioral or emotional problems and can include community-based, residential, and educational services.

CSA policy is set by a local Community Policy and Management Team (CPMT), which consists of appointed members from the community and local government including representatives from DFS; the Juvenile Court Services Unit; the Department of Mental Health, Substance Abuse, and Developmental Services; the Loudoun County Public Schools; County Administration; and the Health Department. The CPMT develops inter-agency policies and procedures to govern the provision of services, develops fiscal policies governing access to State pool funds, establishes quality assurance and accountability procedures, and coordinates long-range community planning for services. The Loudoun CPMT also oversees a Multi-Disciplinary Team (MDT) process which reviews all requests for CSA funded services.

FY 2019 Budget Analysis

Revenues, Expenditures, and Changes in Fund Balance (Reserves) ¹

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Beginning Fund Balance	\$3,925,462²	\$4,591,690	\$4,591,690	\$4,083,527
Revenues				
Recovered Costs - Non-Medicaid	\$191,106	\$140,000	\$200,000	\$210,000
Recovered Costs - Medicaid	533,652	1,000,000	586,500	598,230
Intergovernmental - State	3,684,394	3,682,514	4,321,837	4,640,362
Transfer From The General Fund	4,181,116	4,171,542	3,685,000	3,909,173
Total – Revenues	\$8,590,268	\$8,994,056	\$8,793,337	\$9,357,765
Expenditures				
Services Thru Medicaid	\$1,067,304	\$1,150,000	\$1,173,000	\$1,196,460
CSA Services	6,604,164	7,611,475	8,048,500	8,677,305
Operations And Maintenance	69,571	49,581	80,000	84,000
Transfer To The General Fund	183,000	183,000	0	0
Total – Expenditures	\$7,924,039	\$8,994,056	\$9,301,500	\$9,957,765
Ending Fund Balance (Estimated)	\$4,591,690	\$4,591,690	\$4,083,527	\$3,483,527
<i>Percent Change in Fund Balance</i>	<i>17%</i>	<i>0%</i>	<i>-11%</i>	<i>-15%</i>

The FY 2019 Adopted Budget for the Children’s Services Act Fund is \$9,301,500 representing a 3 percent increase from the FY 2018 Adopted Budget based on historical expenditure trends. The Adopted Budget leverages \$508,163 of fund balance in the CSA Fund to reduce the required contribution of local tax funding (LTF) from the General Fund.

¹ Sums may not equal due to rounding.

² Source for Beginning Fund Balance – FY 2017 Comprehensive Annual Financial Report (CAFR)



Children’s Services Act Fund

While this reduces fund balance by 11%, it leaves a balance in excess of \$4 million. Over \$600,000 was contributed to fund balance in FY 2017.

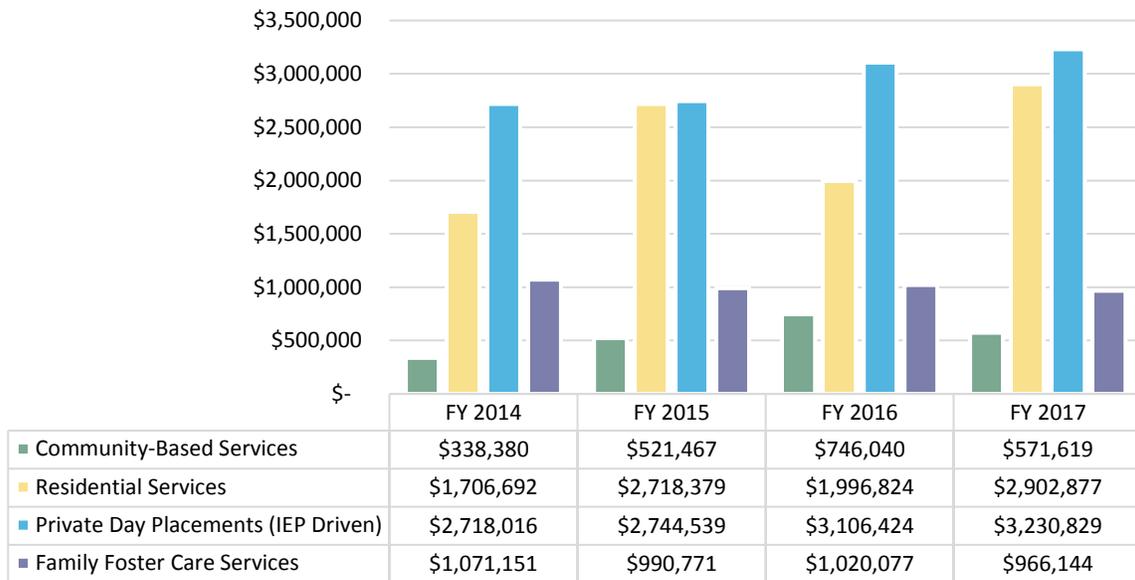
Performance Measures

The County’s CSA program became the only CSA program in the State contracted as a Magellan Independent Assessment, Certification and Coordination Team (IACCT) provider. The IACCT is the new utilization process required for Medicaid-eligible children to access congregate care services. The State identifies IACCT as essential to ensuring the most clinically appropriate, least restrictive setting and that care is provided in a manner that best suits the need of each youth and family.

During FY 2017, 306 MDT Meetings were held (25 meetings per month), authorizing services to be provided to youth and their families. The CSA Program received a satisfaction rating of 86 percent.

	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected	FY 2020 Projected
Objective: 80 percent of CSA cases will be served in Community-Based Care.				
Number of new cases referred	124	120	120	120
Number of children served	225	200	200	215
Percent of cases receiving community-based care only	79%	80%	80%	80%
Percent of cases receiving congregate care services	21%	20%	20%	20%

Total Expense by Service Type



FY 2020 and Beyond

The Department of Family Services has seen a dramatic shift from community-based services to residential services. Residential services are often more expensive and have a higher local match rate. Additionally there has been an increase in the number of private day placements (community-based services), which often originate within the school system. There has been discussion at the state level about moving this cost from the Office of Children’s



Children’s Services Act Fund

Services to the Department of Education and accounting for these costs through the school system. Staff will continue to monitor this issue.

The FY 2020 Projected Budget for the CSA Fund includes an increase in local tax funding in the amount of \$224,173 and again reflects a strategic use of fund balance to reduce local tax funding. Expenditures are increased by 7 percent based on current expenditure trends. Revenues are increased based on projected expenditures and current match rates.

Policies

The County does not have policies established for the Children’s Services Act Fund. State legislation dictates generally the allowable expenditures. State Code Chapter 52 outlines the Children’s Services Act and the responsibilities of the locality, the CPMT, and other interested parties.



COMPUTER SYSTEM REPLACEMENT FUND

The Computer System Replacement Fund, a component part of the Capital Asset Preservation Program (CAPP) and a sub-fund within the Capital Projects Fund, was established during the FY 2003 budget process to fund computer hardware and software system replacements critical to County operations. The Department of Information Technology (DIT) annually reviews current hardware and software systems, and inventories systems that have future replacement costs associated with their life cycle usefulness. This fund was established to address the replacement costs of the County’s computer systems.

Minor Computer System Replacements (Up to \$500,000)

The Computer System Replacement Fund provides funding for system replacements that cost up to \$500,000. The table below provides a categorical list of the annual replacement costs for FY 2019 through FY 2024. The FY 2019 Adopted budget appropriates \$1,925,000 in local tax funding to the Computer System Replacement Fund.

FY 2019 – FY 2024 Computer Replacement Program Expenditure Detail

System Replacement Category	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
Network Equipment	\$800,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$5,300,000
Windows & Enterprise Servers	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000
Enterprise Printers	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enterprise Storage	\$320,000	\$320,000	\$320,000	\$320,000	\$320,000	\$320,000	\$1,920,000
Application Software	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Video Conferencing	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000
Network Security	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$1,560,000
Required Annual Contribution	\$1,925,000	\$2,025,000	\$2,025,000	\$2,025,000	\$2,025,000	\$2,025,000	\$12,050,000

FY 2019 – FY 2024 Computer Replacement Program Financial Summary

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
Revenues							
Transfer from the General Fund	\$1,925,000	\$2,025,000	\$2,025,000	\$2,025,000	\$2,025,000	\$2,025,000	\$12,050,000
Total - Revenues	\$1,925,000	\$2,025,000	\$2,025,000	\$2,025,000	\$2,025,000	\$2,025,000	\$12,050,000
Expenditures							
Minor Computer System Replacement	\$1,925,000	\$2,025,000	\$2,025,000	\$2,025,000	\$2,025,000	\$2,025,000	\$12,050,000
Total - Expenditures	\$1,925,000	\$2,025,000	\$2,025,000	\$2,025,000	\$2,025,000	\$2,025,000	\$12,050,000



COUNTY OPEB TRUST FUND

The Governmental Accounting Standards Board issued Statement #45 (GASB #45), Accounting and Financial Reporting by Employers for Post-employment Benefits Other Than Pensions, to address how governmental entities should account for and report their costs and obligations related to “other post-employment benefits” or “OPEB.” OPEB refers to fringe benefits provided to retired and former employees other than pension benefits. In past accounting standards, entities recognized the cost of these benefits as they were paid. The new standard requires recognition of the cost of the benefits over the service period of the employee. This concept is similar to accounting requirements for pension obligations under existing standards.

Currently, Loudoun County and Loudoun County Public Schools (LCPS) offer post-retirement benefits which include healthcare coverage for eligible retirees and their families. The program includes coverage for both pre-65 and Medicare eligible retirees with an appropriate medical and prescription drug plan, and dental and vision coverage. The bond rating agencies have stated that they have begun to consider OPEB funding status in their evaluations of government financial condition. It is possible that bond ratings may suffer for those governments with large and/or mounting liabilities that do not have a mechanism in place to manage these obligations. Following these guidelines, the LCPS and County’s actuarial firms have been conducting bi-annual analyses in accordance with GASB #45.

In response to the reporting requirements, the County created a fiduciary fund in FY 2009 with a budget of \$10,000,000; \$7,000,000 for the LCPS and \$3,000,000 for Loudoun County. The purpose of this fiduciary fund was to provide the County with a means to budget for the annual cost of public employee non-pension benefits related to OPEB in the same manner as reporting financial information for pensions.

In September 2009, LCPS and Loudoun County joined the Virginia Municipal League (VML)/Virginia Association of Counties (VACo) Pooled OPEB Trust for the investment of County assets related to OPEB. This Trust was established as an investment vehicle for participating employers to accumulate assets to fund OPEB. The initial funding transfer occurred on September 8, 2009, with the County OPEB Committee (“Local Finance Board”) continuing its role of monitoring the funding and performance of the VML/VACo Pooled OPEB Trust. Additionally, LCPS and Loudoun County are currently represented by a Local Finance Board member on the VML/VACo Pooled OPEB Trust Board of Trustees. In order to better control the increasing cost of retiree health benefits trend and mitigate future liabilities, the LCPS and Loudoun County have continued to monitor the program, implementing a number of cost saving measures over the last several years. The changes, which include restructuring cost sharing and eligibility, have resulted in notable savings. The County and LCPS will continue to explore innovative solutions that will assist in future program cost management.

In FY 2017, a contribution of \$17,500,000; \$12,000,000 for the LCPS and \$5,500,000 for Loudoun County, was made to the Trust. The FY 2018 Adopted Budget included the same level of funding as FY 2017 with an annual contribution of \$17,500,000 to the OPEB Trust; \$12,000,000 for the LCPS and \$5,500,000 for Loudoun County. The LCPS FY 2019 budget amount of \$10,000,000, which is included in the LCPS FY 2019 Adopted Budget and represents a \$2.0 million reduction from FY 2018, is projected to be included in future budgets for the near term. The School Board has approved retiree health care reforms and their impact on the OPEB obligation will be actuarially reassessed and adjusted as appropriate for future budget requests. The County FY 2019 Adopted Budget includes an amount of \$5,500,000 to be paid into the OPEB Trust, which in addition to other OPEB Plan County contributions, represents a commitment to a full funding approach and will result in an ongoing annual reduction to the Net OPEB Obligation (NOO). This level of funding is consistent with the amounts included in the FY 2017 and FY 2018 Adopted Budgets.



County OPEB Trust Fund

Fund Financial Summary

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
County	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000
Schools	12,000,000	12,000,000	10,000,000	10,000,000
Total OPEB Contributions	\$17,500,000	\$17,500,000	\$15,500,000	\$15,500,000

FY 2020 and Beyond

The contributions to the OPEB Trust Fund are anticipated to continue at FY 2019 levels in FY 2020 and future fiscal years.

Policies

The County and LCPS participate in the Virginia Pooled OPEB Trust, administered by VML/VACo. Funds are pooled from participating jurisdictions and invested in the name of the Virginia Pooled OPEB Trust. The Board of Trustees of the Virginia Pooled OPEB Trust establishes investment objectives, risk tolerance, and asset allocation policies in light of market and economic conditions and generally prevailing prudent investment practices.

Effective January 1, 2013, employees were designated into OPEB groups based on years of service and/or age. Employees less than 35 years of age as of January 1, 2013 must have 15 years of County employment at retirement to be eligible for retiree healthcare benefits. Other cost savings measures recently implemented, including caps on employer cost sharing, eligibility for new hires, implementation of a Retirement Health Savings Plan and a 10 percent aggregate cost shift to retirees, were put into place to mitigate OPEB costs going forward as well as to reduce the County's Annual Required Contribution (ARC). Employer contribution rates for County employees vary depending on budgeted hours. Employer contribution rates for retirees vary based on the type of retirement, years of service, plan type, and coverage level.



DULLES INDUSTRIAL PARK WATER AND SEWER FUND

The Board of Supervisors established the Dulles Industrial Park Water and Sewer District in 2006 as a service district pursuant to the Code of Virginia, Section 15.2, Chapter 24, in response to a landowner petition for the construction of water and sewer lines. The District consists of 24 properties located north of U.S. Route 50, near the Loudoun County-Fairfax County boundary. Utility improvements were constructed and operated by Loudoun Water.

The special assessment was negotiated on a per property basis as a fixed-dollar amount. The special assessment was estimated to generate \$1,650,000 in revenue over 10 years. On September 7, 2011, the Board of Supervisors adopted the “Ordinance Amending the Special Assessment to Fund Water and Sewer Improvements at Dulles Industrial Park Based on Final Project Costs” which lowered the assessment to \$1,372,558. The final semi-annual payment on this debt was made in January 2017 and the final payment of all loan obligations was made in January 2018 pursuant to a budget adjustment. Consequently, the revenues and expenditures shown for FY 2019 and beyond are zero.

Fund Financial Summary

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Expenditures	\$73,307	\$0	\$0	\$0
Revenues	\$73,307	\$0	\$0	\$0



DULLES TOWN CENTER COMMUNITY DEVELOPMENT AUTHORITY FUND

This fund is used to account for the special assessment collections on real property for the purpose of paying debt service to finance and construct public infrastructure at the Dulles Town Center development. The Dulles Town Center Community Development Authority (CDA) was created by the Board of Supervisors in 1998 via Codified Ordinances of Loudoun County § 260.03 after petition from the owners of land comprising the district. The bonds issued by the CDA are not debts of Loudoun County.

In the initial years of this fund, the Board did not appropriate for it during the annual budget process; instead, appropriations were made as they were needed. In an effort to standardize the process, this fund is now included in the annual appropriation for the Adopted Budget.

Fund Financial Summary

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Expenditures				
Operating And Maintenance	\$3,035,184	\$3,500,000	\$3,500,000	\$3,500,000
Total – Expenditures	\$3,035,184	\$3,500,000	\$3,500,000	\$3,500,000
Revenues				
General Property Taxes	\$3,035,184	\$3,500,000	\$3,500,000	\$3,500,000
Total – Revenues	\$3,035,184	\$3,500,000	\$3,500,000	\$3,500,000



EMS TRANSPORT FUND

Adopted in FY 2014, the Emergency Medical Services (EMS) Transport Fund was established as part of the FY 2015 Adopted Budget. The Program became operational during FY 2016. Through the EMS Transport Reimbursement Program, “[A]ll patients and/or their financially responsible parties, insurers or carriers, will be billed for EMS transport provided by the system according to the Fee Schedule established herein, and shall be responsible for any co-payment or deductible amount not satisfied by public or private insurance.”¹ The reimbursement rate schedule is adopted on an annual basis as part of the budget development process. Further, the revenue yielded through this program is distributed among the Volunteer Companies and the County based on the fiduciary responsibility of the respective agencies.

FY 2019 Budget Analysis

Revenues, Expenditures, and Changes in Fund Balance (Reserves)

	FY 2017 Actual	FY 2018 Estimated	FY 2019 Adopted	FY 2020 Projected
Beginning Fund Balance	\$1,906,970²	\$3,624,764	\$5,332,384	\$6,694,755
Revenues				
Charges For Services	\$5,050,531	\$4,500,000	\$4,800,000	\$4,800,000
Total – Revenues	\$5,050,531	\$4,500,000	\$4,800,000	\$4,800,000
Expenditures				
Personnel	\$298,876	\$305,370	\$721,561	\$743,208
Operating And Maintenance	2,833,861	2,487,010	2,573,283	2,599,016
Capital Outlay	0	0	142,785	0
Other Uses Of Funds	200,000	0	0	0
Total – Expenditures	\$3,332,737	\$2,792,380	\$3,437,629	\$3,342,224
Ending Fund Balance (Estimated)	\$3,624,764	\$5,332,384	\$6,694,755	\$8,152,531
<i>Percent Change in Fund Balance</i>	<i>90%</i>	<i>47%</i>	<i>26%</i>	<i>22%</i>
Policy Mandated Reserves	\$429,449	\$426,905	\$340,593	\$364,444
Available Fund Balance	\$3,195,316	\$4,905,480	\$6,354,163	\$7,788,088
FTE³	3.00	3.00	7.00	7.00

The fees established by the Board of Supervisors for system EMS transports may be adjusted annually in accordance with the federally approved Medicare Fee Schedule and/or the Consumer Price Index (CPI) as recommended by the County Administrator in the annual budget proposal to the Board. Any change to the fee schedule shall be approved by the Board and included in the adopted appropriation. The applicable CPI utilized must be certified by the County Treasurer. No change is recommended for FY 2019.

As noted in Volume 1, the FY 2019 Adopted Budget includes 4.00 new FTE funded by Loudoun County Fire and Rescue’s (LCFR) net share of operational EMS Transport revenue. These positions include: one EMS Training Officer,

¹ Emergency Medical Services Ordinance

² Source for Beginning Fund Balance – FY 2017 Comprehensive Annual Financial Report (CAFR)

³ The personnel expenses associated with seven program staff are budgeted in this fund. Total FTE for the Department as shown in Volume 1 of this document includes those FTE budgeted in this fund.



EMS Transport Fund

one Administrative Support, and two EMS Supervisors. Also included in the FY 2019 Adopted Budget are the operating and maintenance and one-time capital costs associated with these new positions.

FY 2019 Rate Schedule

	Type	Rate
Service Reimbursement	Basic Life Support, Emergency (BLS)	\$467
	Advanced Life Support, Level 1 (ALS-1)	\$660
	Advanced Life Support, Level 2 (ALS-2)	\$770
Mileage Reimbursement	Per Mile Traveled (applies to all types of service)	\$11

FY 2020 and Beyond

With the growth of EMS Transport Reimbursement Program revenues come the need for continued development and evaluation of the Fund, especially in light of broader changes in the national insurance industry. LCFR and County Budget staff will continue to collaborate to project the revenues and expenses of this Fund.

FTE History

FY 2016: The Board approved 3.00 FTE to support program staff responsible for billing insurance carriers for reimbursement to the County agency or Loudoun County Volunteer Company for the incurred costs of the transport.

FY 2019: The Board approved a total of 4.00 FTE funded through EMS Transport Fund revenue including 2.00 FTE for EMS Supervisors, 1.00 FTE for an EMS Training Officer, and 1.00 FTE for an EMS Administrative Assistant.

Policies

Policy Information (Excerpts)

The EMS Transport Reimbursement Program was established as a Chapter of the Codified Ordinance of Loudoun County in January 2014. The Ordinance identifies the procedures for EMS Transport Reimbursement, and the administration of the EMS Transport Reimbursement Program and Revenue Sharing Procedure. The EMS Transport Fund is a special revenue fund through which all of the revenue yielded from the EMS Transport Reimbursement Program will be appropriated, and the distribution of the revenue to the respective Volunteer Companies and the Loudoun County Fire and Rescue (LCFR) and programmatic costs will derive. In addition, 25 percent of the net revenue is retained as fund balance to maintain the County provided infrastructure of the Combined Fire-Rescue System (LC-CFRS). The program staff costs are within this Fund. As a result, no local tax revenues are to be used to fund any EMS Transport Reimbursement efforts. The administrative costs, contractual requirements, and other necessary costs associated with conducting the program are derived directly from the EMS Transport Reimbursement revenue and are paid first prior to any distribution.

The identified revenue sharing formula is detailed in the table below.

Revenue Sharing Formula

Fiduciary Responsibility Type	Percentage Share
Apparatus (Transport Vehicle) Ownership	20%
Station Ownership	20%
EMS Provider for Highest Level of Treatment	25%
County-Provided Infrastructure	25%
First Responder (Units Assigned to First Response)	10%



GREENLEA TAX DISTRICT FUND

In its 2008 Special Session, the Virginia General Assembly passed legislation amending §15.2-2404 of the Code of Virginia authorizing the creation of a special district and an assessment to fund the improvement of a damaged bridge on Crooked Bridge Road in the Blue Ridge District. The enacted legislation required a petition to create the district of not less than 50 percent of the property owners of Greenlea abutting Crooked Bridge Lane, who also own not less than 50 percent of the property within the subdivision. The Greenlea subdivision residents easily met this standard with a signed petition to the County requesting that the Board of Supervisors authorize and direct the establishment of an assessment under Title 15.2, Chapter 24, Article 2 of the Code of Virginia. The assessment is levied against the properties in the Greenlea subdivision to pay for the construction of the new bridge.

On June 16, 2009, the Board of Supervisors adopted an ordinance imposing the special assessment for local improvements to fund the replacement of the damaged bridge. The bridge was completed by a construction company selected by the property owners through their homeowners association, the Greenlea Homeowners Association II, in November 2009. The cost for the bridge replacement required no local tax funds. The bridge was completely financed by the Greenlea Homeowners Association II in conjunction with a private lender. The County pays the proceeds for the special assessment directly to the lender(s) as directed by the Greenlea Homeowners Association II, and payments are to be made solely from the collection of the special assessment imposed. The Board of Supervisors and the County are only responsible for imposing the special assessment, collecting the semi-annual installments, and forwarding collected monies to the lender(s) solely from the special assessment revenues. The total amount of the assessments on the properties identified by the ordinance may not exceed \$660,575.18, which is the estimated project cost financed over 15 years at six percent interest per year. The 19 properties in the community will be taxed equally and will pay the assessment in semi-annual payments.

Fund Financial Summary

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Expenditures	\$38,665	\$44,038	\$44,038	\$44,038
Revenues	\$37,507	\$44,038	\$44,038	\$44,038





HOUSING FUND

The Housing Fund was established in August 1997 for the purpose of promoting and funding affordable housing in Loudoun County. One of the largest components of the Housing Fund, is the Loudoun County Housing Trust. The Housing Trust Agreement, last revised in July 2017, identifies the permitted sources and uses for the fund. Sources (revenues) include cash proceeds received as the result of a fair market value sale of an Affordable Dwelling Unit (ADU) in accordance with Chapter 1450 of the County Codified Ordinance, cash contributions paid by developers as consideration for ADU Program modifications granted by the Board of Supervisors pursuant to Article 7 of the Zoning Ordinance, cash received from any source for the purpose of furthering the provision of ADUs in Loudoun County, and any other funds designated by the Board of Supervisors for the Trust. Expenditures (uses) involve a variety of County programs and initiatives including the Down Payment and Closing Cost Assistance (DPCC) Program, the Public Employee Grants for Homeownership (PEG) program, the ADU Foreclosure Purchase Program, the ADU Purchase Program, and loans to help finance the development of Affordable Housing Units in excess of the number of units required by Article 7 of the Zoning Ordinance as long as these programs meet the income eligibility requirements established by the Zoning Ordinance. The Housing Trust is targeted to those households with incomes between 30 and 70 percent of Area Median Income as defined by the U.S. Department of Housing and Urban Development. Other sources within the Housing Fund can be used for other household income ranges.

The Department of Family Services oversees the Housing Fund.

FY 2019 Budget Analysis

Revenues, Expenditures, and Changes in Fund Balance (Reserves)

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Beginning Fund Balance	\$31,272,276¹	\$32,938,347	\$32,938,347	\$32,938,347
Revenues				
Use Of Money And Property	\$341,769	\$0	\$0	\$0
Miscellaneous Revenue	1,440,654	5,000,000	5,000,000	5,000,000
Recovered Costs	161	0	0	0
Total – Revenues	\$1,782,584	\$5,000,000	\$5,000,000	\$5,000,000
Expenditures				
Operating And Maintenance	\$116,513	\$5,000,000	\$5,000,000	\$5,000,000
Total – Expenditures	\$116,513	\$5,000,000	\$5,000,000	\$5,000,000
Ending Fund Balance (Estimated)²	\$32,938,347	\$32,938,347	\$32,938,347	\$32,938,347
<i>Percent Change in Fund Balance</i>	<i>5%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>

The FY 2019 Adopted Budget for the Housing Fund is \$5 million representing no change from the FY 2018 Adopted Budget. The amount of \$5 million is for planning purposes.

The creation of a Housing Policy Division is included in the FY 2019 Adopted Budget as part of the Department of Family Services in the General Fund. The division will be comprised of two staff members (2.00 FTE), including a Housing Financier, and a Real Estate Specialist to strategically address the growing gap between the need for and

¹ Source for Beginning Fund Balance – FY 2017 Comprehensive Annual Financial Report (CAFR)

² At the end of FY 2017, two loans to developers – totaling \$4.1 million – had been approved by the Board of Supervisors but not yet paid to the developers. These loans are included in Ending Fund Balance.



Housing Fund

the production of affordable housing in the County. The Housing Financier will provide the necessary expertise to assemble the complex financing agreements required for affordable housing projects and will focus on leveraging County funds to access other public and private funding sources. The Real Estate Specialist will focus on identifying potential projects already in the development pipeline for the construction of additional affordable housing units as well as potential workforce housing and development sites, property rehabilitation, and strategic locations for new housing construction. In addition to the two staff members added to the Department of Family Services, a Housing Attorney was added to the Office of the County Attorney. The Attorney will provide the legal support and assistance to execute the loan agreements and carryout the necessary financial and real estate transactions.

Performance Measures

	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected	FY 2020 Projected
Public Employee Homeownership Grants (PEG)				
Number of County Government Employees	3	6	6	6
Number of LCPS Employees	5	12	12	12

FY 2020 and Beyond

With the renewed focus on the need for affordable housing in the County and the addition of the Housing Financier and Real Estate Specialist in the General Fund for FY 2019, the use of the Housing Fund is anticipated to increase.

Policies

There are no policies in place for the Housing Fund as a whole, however, the County of Loudoun Housing Trust is regulated by the Trust Agreement. The Housing Trust was last amended in July 2017 to authorize loans from the Trust to be used to help finance Affordable Housing Units, to establish the minimum requirements for Affordable Housing Units, and to update the recital and make other non-substantive clarifying edits to the twenty-year old trust. These changes also align the Trust agreement with the amendments to Article 7 of the Zoning Ordinance that allow for Affordable Housing Units to be substituted for Affordable Dwelling Units when a project verifies that it is financed with either the Low Income Housing Tax Credit (LIHTC) Program or the HUD 221 (d) 4 Affordable Program. Prior to these changes, the ADU program only served populations with an income between 30 and 50 percent of area median income (AMI). Substituting affordable housing units that are funded either with LIHTC or HUD 221 (d) 4 Affordable programs eliminates the 30 percent AMI limitation on the lower end of income limits.



LEGAL RESOURCE CENTER FUND (LAW LIBRARY)

The Legal Resource Center Fund’s (Law Library’s) mission is to provide resources and reference services that address the legal information needs of the general public, Loudoun County government, court personnel, attorneys, and the local prison population. The Law Library, which is located in the Loudoun County Courts Complex, provides a collection of legal materials and electronic resources that are not generally available elsewhere in the County. The fund’s full-time Legal Resources Specialist (1.00 FTE) orders, shelves, and updates materials. The library is open from 8:00 a.m. to 4:00 p.m. weekdays. During these hours, the Legal Resources Specialist provides reference service, bibliographic instruction, copier service, and online access. Attorneys and court personnel can also access the collection at other times if needed. The Legal Resources Specialist responds to patrons’ requests received in person, by phone, and via email as well as to prisoner requests submitted by the Sheriff’s Office.

After being organizationally a part of the Clerk of the Circuit Court’s Office for many years, the Law Library was transferred to the Department of Library Services in FY 2017 so its resources could make a greater impact on the community, such that Library Services now manages this fund and the Legal Resources Specialist. Other Library Services staff provide assistance at the Law Library when the Legal Resources Specialist is unavailable. In FY 2018, Library Services expanded the availability of legal resources throughout the County by providing access to Westlaw, the specialized online legal resources, at all eight library branches.

The Law Library’s funding sources are charges for services, which relate to revenue collections by the Clerk of the Circuit Court and the Clerk of the General District Court, donations, and the transfer from the General Fund.

FY 2019 Budget Analysis

Revenues, Expenditures, and Changes in Fund Balance (Reserves)

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Beginning Fund Balance	\$7,488 ¹	\$9,370	\$9,370	\$9,370
Revenues				
Charges for Services	\$50,820	\$44,980	\$44,980	\$44,980
Transfer from the General Fund	58,065	55,612	59,739	62,781
Total – Revenues	\$108,885	\$100,592	\$104,719	\$107,761
Expenditures				
Personnel	\$91,192	\$95,592	\$99,719	\$102,711
Operations and Maintenance	15,811	5,000	5,000	5,050
Total – Expenditures	\$107,003	\$100,592	\$104,719	\$107,761
Ending Fund Balance (Estimated)	\$9,370	\$9,370	\$9,370	\$9,370
<i>Percent Change in Fund Balance</i>	<i>25%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
FTE	1.00	1.00	1.00	1.00

As reflected in the table above, beginning in the FY 2018 Adopted Budget, a Transfer from the General Fund to the Law Library Fund is included in the budget to address projected shortfalls in the Law Library’s revenue. It is anticipated that expenditures in this fund will continue to be higher than projected revenues and will necessitate

¹ Source for Beginning Fund Balance – FY 2017 Comprehensive Annual Financial Report (CAFR)



Legal Resource Center Fund (Law Library)

additional transfers from the General Fund. The Law Library's available fund balance could also be used to help with the future balancing of the fund's revenues and expenditures.

During FY 2017, the Department of Library Services transferred funds from its General Fund operating budget to the Law Library Fund to cover the actual expenditures since the Law Library Fund's actual revenues were not sufficient to cover the actual expenditures.

Periodically, the Loudoun Bar Association donates funds to the Law Library Fund to help cover operational expenditures. Those donations are inconsistent; therefore, they are not budgeted.

The Law Library Fund's FY 2019 Adopted Budget includes an increase in local tax funding of \$4,127 due to the increase in the transfer from the General Fund to balance the fund's revenues and expenditures. The FY 2019 Adopted Budget personnel expenditures for the Law Library Fund are \$4,127 higher than the FY 2018 Adopted Budget due to the 3 percent market-based salary adjustment and the 3.5 percent merit-based increase for the Legal Resources Specialist. The FY 2019 Adopted Budget operating and maintenance expenditures are at the same level as the FY 2018 Adopted Budget. The FY 2019 Adopted Budget revenues are \$4,127 higher than FY 2018 for the transfer from the General Fund budget amount, in order to match the budgeted revenues with the expenditures.

FY 2020 and Beyond

The Law Library Fund's FY 2020 Projected Budget includes an increase in local tax funding of \$3,042. Personnel expenditures increased by \$2,992 or 3 percent, and operating and maintenance expenditures increased by \$50 or 1 percent. The Law Library Fund's FY 2020 revenues increased by \$3,042 due to the increase for the transfer from the General Fund to balance the fund's projected revenues and expenditures. That transfer increase is an increase in local tax funding for FY 2020.



MAJOR EQUIPMENT REPLACEMENT FUND

The Major Equipment Replacement Fund allows for the scheduled and emergency replacement of major operational equipment over \$5,000 in value. Previously, the County funded replacement of such equipment on an as-needed basis through either allocation of local tax funding in the General Fund or through mid-year use of General Fund balance.

FY 2019 Budget Analysis

Revenues, Expenditures, and Changes in Fund Balance (Reserves)

	FY 2017 Actuals	FY 2018 Estimated ¹	FY 2019 Adopted	FY 2020 Projected
Beginning Fund Balance	\$3,157,584²	\$5,116,167	\$594,045	\$734,505
Revenues				
Transfers from the General Fund	\$4,000,000	\$6,800,000	\$4,000,000	\$4,000,000
Total – Revenues	\$4,000,000	\$6,800,000	\$4,000,000	\$4,000,000
Expenditures				
Planned Replacement	\$784,450	\$5,089,809	\$1,359,540	\$2,044,180
Unplanned/ Emergency Replacement	0	1,000,000	1,000,000	1,000,000
Future Replacement Reserve	0	1,000,000	1,500,000	1,000,000
Operations And Maintenance	15,950	47,850	0	0
Transfer to the General Fund	1,241,017	0	0	0
Transfer to the Capital Fund	0	4,184,463	0	0
Total – Expenditures	\$2,041,417	\$11,322,122	\$3,859,540	\$4,044,180
Ending Fund Balance (Estimated)	\$5,116,167	\$594,045	\$734,505	\$690,325
<i>Percent Change in Fund Balance</i>	<i>62%</i>	<i>-88%</i>	<i>24%</i>	<i>-6%</i>

The FY 2019 Adopted Budget appropriates \$4,000,000 in local tax funding to the Major Equipment Replacement Fund to allow for replacement of select major equipment. Planned replacement needs are estimated at \$1,359,540 in FY 2019 (more detail is provided in the below table).

Expenditures also include maintaining \$1,000,000 in contingency funds for unplanned or emergency replacement needs. The FY 2019 Adopted Budget also includes \$1,500,000 to create a reserve for the fund to accommodate above average expenditures in any single year. In addition, the fund maintains a year-end fund balance for other uses, such as funding the replacement of County equipment that has increased in value above the \$5,000 threshold.

For the FY 2019 Adopted Budget, planned expenditures are based on an asset replacement schedule developed by an independent consultant. The schedule identifies planned equipment replacements and the estimated cost of replacement over a 20-year period. Staff continually evaluates the asset replacement schedule to include additional assets and new equipment placed into service and will monitor and update funding and expenditure needs for the fund as more data becomes available.

¹ Amounts shown for FY 2018 represent estimated expenditures and revenues including the use of Prior-Year Fund Balance approved by the Board of Supervisors as an amendment to the FY 2018 Budget.

² Source for Beginning Fund Balance – FY 2017 Comprehensive Annual Financial Report (CAFR).



Major Equipment Replacement Fund

Planned Replacement Expenditure Detail

Planned Replacement expenditures are estimated based on an asset replacement study and schedule that was completed in FY 2018. This schedule was prepared using operating and maintenance funds. The following is a summary showing asset classifications and the estimated expenditures for FY 2018 and FY 2019.

Asset Classification	FY 2018 Estimated	FY 2019 Estimated
Operations and Maintenance		
Major Equipment Replacement Fund Study	\$47,850	\$0
Subtotal – Operations and Maintenance	\$47,850	\$0
Planned Replacement		
Athletic Equipment	\$95,240	\$21,800
Audio Visual Equipment	1,454,990	649,230
Business Machines	179,890	0
Communications & Security Equipment	161,220	72,760
Fire Department Equipment	688,460	194,730
Food Service Equipment and Appliances	57,840	0
Furniture & Accessories	588,720	0
Furniture & Fixtures	194,560	19,790
Grounds Equipment	898,359	98,570
Heating and Cooling, Emergency Power	169,810	44,750
Law Enforcement Equipment	489,950	124,250
Machinery and Tools	59,270	0
Medical Equipment	0	8,810
Recreational Equipment, Playground	46,120	124,850
Science and Engineering Equipment	5,380	0
Subtotal – Planned Replacement	\$5,089,809	\$1,359,540
Transfer to Capital Fund		
Public Safety Radio System Replacements	\$1,625,000	\$0
Public Safety Mobile Radios	2,559,463	0
Subtotal – Transfer to Capital Fund	\$4,184,463	\$0
Total – Expenditures	\$9,322,122	\$1,359,540



PUBLIC FACILITIES FUND

Developer contributions, also known as proffers, provide resources that assist in providing capital facilities in the Capital Improvement Program (CIP). The development community proffers contributions to help offset the future impact of development. Proffers can be cash contributions, dedicated land, or in-kind services that are voluntarily granted to the County to partially offset future capital facility costs associated with specific developments. Proffer contributions are typically obtained through a rezoning, or a change in the planned land use. When a developer is granted a rezoning that changes the land use from commercial to residential or that increases the density of existing residential uses, those new housing units generate a need for County services and capital facilities such as schools, parks, libraries, and public safety facilities.

The County maintains an inventory of all types of proffers, which include cash, land, and in-kind proffers. Cash proffers accrue to the Public Facilities Fund. As allowed in §15.2-2299 of the Code of Virginia, the Zoning Administrator is vested with all necessary authority to administer and enforce proffers and, per statute, adjudicates the eligibility of proffers for public facility uses.

FY 2019 – FY 2024 Public Facilities Fund

The FY 2019 – FY 2024 Adopted Public Facilities Fund utilizes \$15,220,989 in cash proffers to fund capital improvement projects in the six-year CIP. The expenditures focus on capital investments for County-owned facilities with the goal to develop County-owned land assets, expand the use of existing facilities for public use, emphasize the construction of transportation infrastructure, and lower the County’s debt burden to develop capital facilities and roads. No proffers are included as a funding source on capital projects in FY 2021, FY 2023, or FY 2024. Staff will continue to evaluate projects to determine the future allocation of proffers.

Programmatic Category	Cash Proffer Amount
General Government	\$243,200
Parks and Culture	\$11,346,845
Roads and Sidewalks	\$2,706,754
Transit	\$924,190
Total	\$15,220,989

Public Facilities Fund Financial Summary

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total
Revenues							
Cash Proffers	\$7,602,845	\$4,453,190	\$0	\$2,706,754	\$0	\$0	\$14,792,789
Cash Proffer Interest	\$428,200	\$0	\$0	\$0	\$0	\$0	\$428,200
Total - Expenditures	\$8,031,045	\$4,483,190	\$0	\$2,706,754	\$0	\$0	\$15,220,989

The Adopted FY 2019 cash proffer uses obtained proffer determinations from the Loudoun County Zoning Administrator verifying that the uses are appropriate to the intent of the original proffer statements provided by the proffer contributors.



FY 2019 Public Facilities Fund

Ashburn Senior Center

ZMAP	Development	SEQ#	Amount
ZMAP-2005-0026	ERICKSON RETIREMENT COMMUNITY	99067825	\$1,200,000.00
Total			\$1,200,000.00

Brambleton Library

ZMAP	Development	SEQ#	Amount
ZMAP-2012-0012	STONE RIDGE EAST	99074960	\$680,000.00
Total			\$680,000.00

Hal and Berni Hanson Regional Park

ZMAP	Development	SEQ#	Amount
ZMAP-2005-0001	SEVEN HILLS	99066992	\$3,579,943.85
ZMAP-2002-0001	KIRKPATRICK WEST	99066954	\$599,820.18
ZMAP-2011-0004	CARDINE TORRIS	99073555	\$523,728.35
ZMAP-2002-0003	C D SMITH	99066684	\$519,352.92
Total			\$5,222,845.30

Town of Hillsboro –Old Stone School/Town Hall

ZMAP	Development	SEQ#	Amount
	CASH PROFFER INTEREST		\$243,200.00
Total			\$243,200.00

Town of Round Hill – Sleeter Lake Park

ZMAP	Development	SEQ#	Amount
	CASH PROFFER INTEREST		\$185,000.00
Total			\$185,000.00

Transit Buses

ZMAP	Development	SEQ#	Amount
ZMAP-2004-0020	EAST GATE ONE	99066962	\$11,440.89
ZMAP-2002-0011	LOUDOUN VALLEY ESTATES II	99065673	\$124,213.33
ZMAP-2005-0001	SEVEN HILLS	99066991	\$364,345.78
Total			\$500,000.00

FY 2019 Total: \$8,031,045.30



FY 2020 Public Facilities Fund

Brambleton Library

ZMAP	Development	SEQ#	Amount
ZMAP-2012-0012	STONE RIDGE EAST	99074960	\$3,989,000.00
ZMAP-1993-0005	BRAMBLETON (1)	99064107	\$70,000.00
Total			\$4,059,000.00

Transit Buses

ZMAP	Development	SEQ#	Amount
ZMAP-2004-0020	EAST GATE ONE	99066962	\$214,900.00
ZMAP-2002-0003	C D SMITH PROPERTY	99066683	\$209,290.00
Total			\$424,190.00

FY 2020 Total: \$4,483,190.00

FY 2022 Public Facilities Fund

Northstar Boulevard (Tall Cedars to Braddock)

ZMAP	Development	SEQ#	Amount
ZMAP-1999-0006	EAST RIDING ESTATES	99063787	\$87,123.52
ZMAP-2000-0008	DEAN PROPERTY	99065413	\$105,630.72
Total			\$192,754.24

Dulles West Boulevard (Arcola Blvd to Loudoun County Pkwy)

ZMAP	Development	SEQ#	Amount
ZMAP-2004-0016	DULLES LANDING	99069627	\$2,514,000.00
Total			\$2,514,000.00

FY 2022 Total: \$2,706,754.24





RENTAL ASSISTANCE PROGRAM FUND

The Rental Assistance Program Fund accounts for the County's Housing Choice Voucher (HCV) Program. The HCV program is the Federal Government's major program for assisting very low-income families, the elderly, and the disabled to afford decent, safe, and sanitary housing in the private market. Since housing assistance is provided on behalf of the family or individual, participants are able to find their own housing, including single-family homes, townhomes, and apartments. Participants are free to choose any housing that meets the requirement of the program and are not limited to units located in subsidized housing projects. The family is responsible for finding a unit where the owner agrees to rent under the HCV program. Units must meet minimum standards of health and safety, based on the housing quality standards of the U.S. Department of Housing and Urban Development (HUD). A housing subsidy is paid to the landlord directly by the County on behalf of the participating family and the family is responsible for paying the difference between the actual rent charged by the landlord and the amount subsidized by the program. The HCV program has a waitlist in excess of 500 households and has been closed since 2010. This long waitlist is due to the limited amount of funding available for the program and the increasing costs of rent in the County.

FY 2019 Budget Analysis

Revenues, Expenditures, and Changes in Fund Balance (Reserves)¹

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Beginning Fund Balance	\$0²	\$0	\$0	\$0
Revenues				
Use Of Money And Property	\$763	\$500	\$1,501	\$1,501
Miscellaneous Revenue	3,654	12,500	12,500	12,500
Recovered Costs	95,343	265,000	265,000	265,000
Intergovernmental – Federal	8,197,268	8,203,712	8,238,776	8,238,776
Transfer From The General Fund	23,363	80,406	86,468	89,062
Total – Revenues	\$8,320,392	\$8,562,119	\$8,604,245	\$8,606,839
Expenditures				
Personnel	\$682,433	\$770,947	\$759,744	\$782,536
Rental Assistance	7,575,671	7,668,000	7,719,001	7,719,001
Utility Allowance	45,987	100,500	100,500	100,500
Other Charges And Supplies	16,301	22,672	25,000	4,802
Total – Expenditures	\$8,320,392	\$8,562,119	\$8,604,245	\$8,606,839
Ending Fund Balance (Estimated)	\$0³	\$0	\$0	\$0
<i>Percent Change in Fund Balance</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>

The FY 2019 Adopted Budget for the Rental Assistance Fund is \$8,604,245 and includes an increase in local tax funding in the amount of \$6,062. Personnel expenditures decreased by \$11,203 due to changes in staffing. Since this

¹ Sums may not equal due to rounding.

² Source for Beginning Fund Balance – FY 2017 Comprehensive Annual Financial Report (CAFR)

³ The Rental Assistance Program Fund does not maintain a fund balance. The HCV Program is an advance-funded program, meaning revenues are received before expenditures are incurred. Any unspent funds at the end of a fiscal year are classified as Unearned Revenues. Unearned Revenue at the end of FY 2017 was \$1,129,122.



Rental Assistance Program Fund

program is grant funded, personnel savings were reallocated to operations and maintenance. With respect to staffing, 1.00 FTE is locally tax funded and 9.00 FTE are funded by the revenues of the fund.

FY 2020 and Beyond

The HCV program is a federal program administered by the U.S. Department of Housing and Urban Development. Any policy changes at the federal level related to housing programs could impact the level of service provided by this fund. Revenues remain level but the rising cost of rent in the County results in fewer people receiving assistance, which will continue to pose a challenge in future years.

Policies

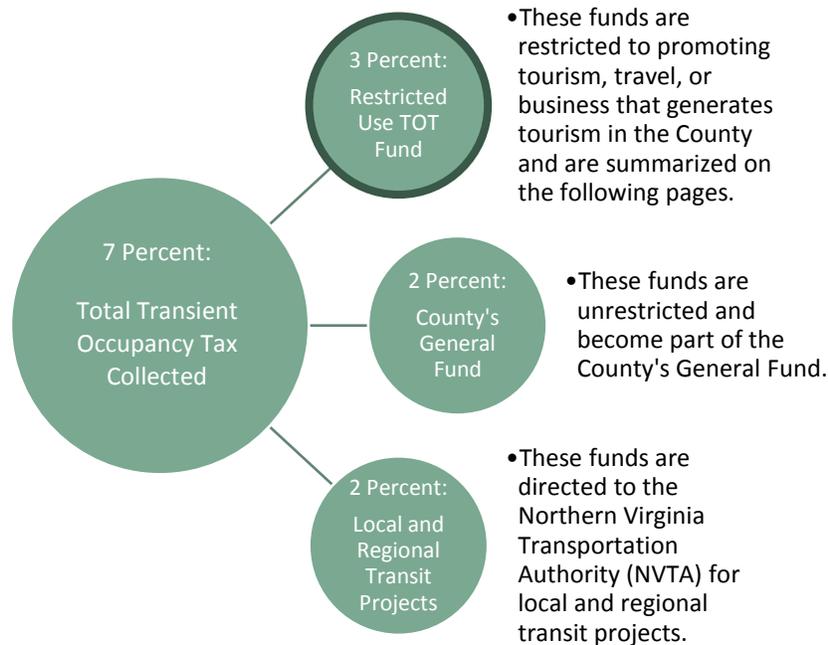
While the County does not have any policies in place regarding the Rental Assistance Program Fund, it is governed by the regulations of the Housing Choice Voucher Program (24 CFR Part 982). For the most up-to-date information related to the program, please refer to the U.S. Department of Housing and Urban Development's website.



RESTRICTED USE TRANSIENT OCCUPANCY TAX FUND

Loudoun County levies a Transient Occupancy Tax (TOT) on hotels, motels, travel campgrounds, and other businesses offering guest rooms for rent. The application of this tax has several stipulations; for example, the business must meet certain room number requirements, and the rooms must be available for continuous occupancy, but for fewer than thirty consecutive days by the same individual. The tax is calculated at 7 percent of the lodging bill and is paid by the patrons of these businesses. The tax is collected by the business and remitted to the County on a quarterly basis.

Breakdown of Total Transient Occupancy Tax Revenue Allocations



The Board of Supervisors adopted a Restricted Use TOT Funding Policy in July 2005, which was last revised in June 2016. The Funding Policy guides the Board of Supervisors in its efforts to strategically and proactively impact tourism in Loudoun County.

- **Core Tourism Services** to sustain Loudoun’s tourism base. Core Tourism Services, based upon standards recommended by Destination Marketing Association International, are provided by Visit Loudoun, the primary programmatic element of the County’s travel and tourism promotion efforts. Visit Loudoun is allocated 75 percent of the forecasted Restricted TOT revenues to implement these core services.
- **Strategic Tourism Growth Initiatives** to expand Loudoun’s tourism base by implementing projects to sustain Loudoun County’s Tourism Destination Strategy. The County’s Tourism Destination Strategy guides the marketing, promotion, and product development of Loudoun’s tourism sector. Of the remaining forecasted Restricted TOT revenues, 15 percent will be available to fund those uses as determined by the Board that best meet the goals of the Tourism Destination Strategy.



Restricted Use Transient Occupancy Tax Fund

FY 2019 Budget Analysis

Revenues, Expenditures, and Changes in Fund Balance (Reserves)

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected ¹
Beginning Fund Balance	\$1,250,440²	\$917,170	\$1,301,425	\$1,746,115
Revenues				
Estimated Restricted TOT Revenue	\$3,604,078	\$3,530,000	\$3,790,000	\$3,870,000
Total – Revenues	\$3,604,078	\$3,530,000	\$3,790,000	\$3,870,000
Expenditures				
Visit Loudoun	\$2,908,125	\$2,647,500	\$2,842,500	\$2,902,500
Transfers To County Funds ³	673,223	404,045	415,817	422,480
Waterford Fair	150,000	0	0	0
Loudoun Museum	156,000	0	0	0
Visit Loudoun Sports Grants	50,000	50,000	50,000	50,000
Visit Loudoun International Travel	0	22,100	22,100	22,100
Economic Development Authority International Travel	0	22,100	22,100	22,100
Total – Expenditures	\$3,937,348	\$3,145,745	\$3,352,517	\$3,419,180
Ending Fund Balance (Estimated)	\$917,170	\$1,301,425	\$1,738,908	\$2,196,935
<i>Percent Change in Fund Balance</i>	<i>-27%</i>	<i>42%</i>	<i>34%</i>	<i>26%</i>
Policy Mandated Reserves⁴	\$360,408	\$353,000	\$379,000	\$387,000
Available Fund Balance	\$556,762	\$948,425	\$1,359,908	\$1,809,935

The FY 2019 Adopted Budget for the Restricted TOT Fund was prepared with a projected revenue of \$3,790,000, a 7 percent increase from the FY 2018 estimated revenue of \$3,530,000. This moderate increase from FY 2018 to FY 2019 is due to slowly rising room rates. Additionally, occupancy levels remain at historically high levels which are expected to continue. No new room capacity is anticipated in the projection window. Board of Supervisors policy mandates that ten percent of projected revenue is to be held in reserve. The adopted restricted reserve for FY 2019 is \$379,000.

¹ FY 2020 Projections are derived from data provided by the County to the NVTA

² Source for Beginning Fund Balance – FY 2017 Comprehensive Annual Financial Report

³ The transfer to the General Fund is for specific tourism-related expenditures within the Departments of Economic Development, County Administration, and Parks, Recreation, and Community Services, which are outlined on the following pages. This also includes a one-time transfer to the Capital Fund for the EE Lake General Store Project.

⁴ Mandated Reserve Policy is 10 percent of projected revenue to be held in reserve.



Restricted Use Transient Occupancy Tax Fund

Expenditure Detail - Transfers to other County Funds by Department from the Restricted TOT Fund

Transfers to the General Fund	FY 2017 Actual	FY 2018 Estimated	FY 2019 Adopted	FY 2020 Projected
Department of Economic Development	\$196,300	\$203,050	\$209,877	\$213,895
International cluster activities within the Department of Economic Development are funded through a transfer from the Restricted TOT Fund to the General Fund. The Department’s funds are used to offset the cost of a position to support industry research analyses and cluster support service as part of the Department’s international strategy. The growth of business throughout the clusters contributes to increased hotel occupancy due to associated business travel.				
County Administrator: Office of Emergency Management¹	\$84,143	\$83,215	\$88,160	\$90,805
Restricted TOT funding is used to offset the personnel cost of the Office of Emergency Management’s (OEM) Special Events Coordinator in the General Fund. This position serves as the conduit for collaborative work with event organizers to ensure compliance with permitting requirements; assists in the development of emergency contingency plans; aids in identifying ways to minimize the impact of events on the surrounding community; and, in many instances, provides onsite support during an event. Through the efforts of the Special Events Coordinator, OEM is able to work with event organizers to create safe and successful events benefiting the residents of and visitors to Loudoun County. Each year hundreds of special events ranging in size, scope, and complexity occur at venues throughout the County, drawing thousands of participants. These events include community celebrations, parades, fairs and festivals, sporting events, runs and walks, concerts, and many charity events benefiting members of the community or organizations supporting the community. This economic activity promotes the core tourism principles that are part of the Restricted TOT Funding Policy.				
Department of Parks, Recreation, and Community Services	\$117,780	\$117,780	\$117,780	\$117,780
A portion of the Department of Parks, Recreation and Community Services’ athletic field maintenance expenditures are offset by Restricted TOT funding due to the relationship between the County’s ability to facilitate sports tournaments and overnight hotel stays in the County. Quality maintenance of fields makes them more attractive venues for tournaments which bring economic activity. Field maintenance was completely funded through the General Fund until FY 2013 when a portion of Restricted TOT funding was identified to offset some field maintenance expenditures. PRCS field maintenance services are under heavy pressure due to high usage of the County’s athletic fields.				
Total Transfer to the General Fund	\$398,223	\$404,045	\$415,817	\$422,480
Transfers to the Capital Fund				
EE Lake General Store	\$275,000	\$0	\$0	\$0
The EE Lake General Store is a capital project designed to stabilize and renovate the circa-1901 EE Lake General Store to open the building as a tourist center for hikers and cyclists in the Bluemont area. Included in the work are structural repairs, improvements to address safety and code compliance, and renovations for ADA compliance, and the addition of public restrooms. This transfer was approved by the Board in FY 2017. The project is expected to be completed in FY 2018.				
Total Transfer to the Capital Fund	\$275,000	\$0	\$0	\$0
Total Transfers to County Funds	\$673,223	\$404,045	\$408,610	\$415,058

¹ This transfer was previously made to the Department of Fire, Rescue and Emergency Management, which was reorganized during FY 2017. As part of that reorganization, the Office of Emergency Management was moved to the Office of the County Administrator.



Restricted Use Transient Occupancy Tax Fund

Expenditure Detail - Contributions to External Organizations from the Restricted TOT Fund

Summary of Adopted Contributions to External Organizations	FY 2017 Actual	FY 2018 Estimated	FY 2019 Adopted	FY 2020 Projected
Visit Loudoun	\$2,908,125	\$2,647,500	\$2,842,500	\$2,902,500
<p>Visit Loudoun is Loudoun County’s designated destination management organization and the primary programmatic element of the County’s travel and tourism promotion efforts. Visit Loudoun receives 75 percent of projected Restricted TOT revenue appropriated by the Board each year per the County’s Memorandum of Understanding with Visit Loudoun, dated June 23, 2016.</p>				
Visit Loudoun Sports Tournament Grant Program	\$50,000	\$50,000	\$50,000	\$50,000
<p>Sports tourism, which refers to travel to view or participate in a sporting event, is a fast growing sector in the global travel industry. Loudoun is well-positioned to take advantage of this segment, with quality facilities, professional sports, parks and recreation organizations, and a community that supports tourism. The Sports Tournaments Grant Program was established as one of the Strategic Growth Initiatives of the Tourism Destination Strategy adopted by the Board of Supervisors in March 2006. The program is designed to support bids on sports tournaments, including human and animal events that generate the greatest return on investment in terms of visitor spending in the County. A competitive application process encourages cooperation, ensures that the tournaments can be accommodated, and increases their success.</p>				
Visit Loudoun International Travel Strategic Tourism Initiatives	\$0	\$22,100	\$22,100	\$22,100
<p>This expenditure category was created in FY 2018. As a part of the June 2016 revision to the Restricted TOT Funding Policy, the County has the option to support Visit Loudoun’s travel to and attendance on international economic development trips where tourism subject matter experts or Visit Loudoun staff may provide a strategic benefit.</p>				
Economic Development Authority International Travel	\$0	\$22,100	\$22,100	\$22,100
<p>This expenditure category was created in FY 2018. As a part of the June 2016 revision to the Restricted TOT Funding Policy, the County has the option to support travel to and attendance on international economic development trips where local representatives may provide a strategic benefit to County tourism efforts. Funding these trips is accomplished with a transfer to the Loudoun County Economic Development Authority.</p>				
The Waterford Foundation Waterford Fair	\$150,000	\$0	\$0	\$0
<p>The Waterford Fair is an annual event that highlights local crafts, historic homes, and local history. The fair also features traditional dance, music, and activities in which attending families can participate. The fair attempts to provide an educational experience along with entertainment and frequently selects artisans and vendors who can provide historical information and context to the skill they are demonstrating. The FY 2017 contribution of \$150,000 was one-time in nature.</p>				
The Loudoun Museum	\$156,000	\$0	\$0	\$0
<p>The Loudoun Museum focuses on the history of Loudoun County; its mission is to collect, preserve, and interpret, to the highest professional standards, objects that document the history of Loudoun County. In FY 2017, the Board approved a MOA with the Loudoun Museum that provided \$156,000 in funding to support operations of the museum.</p>				
Total Contributions to External Organizations	\$3,264,125	\$2,741,700	\$2,936,700	\$2,996,700



Restricted Use Transient Occupancy Tax Fund

FY 2020 and Beyond

As outlined in the Restricted Use TOT Funding Policy, 75 percent of the Restricted Use TOT funding will continue to go to Visit Loudoun, 10 percent will continue to be committed to be mandated reserves, and the remaining 15 percent will be available to fund uses as determined by the Board that best meet the goals of the Tourism Destination Strategy. The balance that remains plus the mandated reserve will carry-over to the next fiscal year as the starting fund balance. All currently funded Restricted Use TOT Fund projects are anticipated to continue into FY 2020.

The FY 2020 Projected Budget for the Restricted Use TOT Fund includes an increase in estimated revenue of \$80,000 and an accompanying increase in total expenditures in the amount of \$66,448. The projected increase in revenue is again attributed to slowly rising room rates and continued high occupancy. The spending increase is driven primarily by an increase in funding for Visit Loudoun, which receives 75 percent of the Restricted TOT revenue. The remaining increases are tied to positions that are funded through the transfers to County funds, specifically the International Cluster position in the Department of Economic Development and the Special Events Coordinator in the Office of Emergency Management, within County Administration. The policy mandated reserve for the FY 2020 Projected Budget is \$387,000.

Policies

The Loudoun County Board of Supervisors adopted the Restricted Use Transient Occupancy Tax (TOT) Funding Policy on July 19, 2005. The Policy was last revised June 23, 2016 and details the guidelines and requirements for Restricted TOT funding.

The Restricted Use TOT Funding Policy identifies the purpose of the Fund as providing the Board with the opportunity to strategically and proactively impact tourism within the County, enabling targeted investment in high-priority tourism projects that advance the County's strategic tourism objectives, and maximizing tax relief to the General Fund by increasing Restricted TOT revenues. It specifies that the use of Restricted TOT Funds must meet the purposes designated by Section 58.1-3819 of the Code of Virginia (1950), as amended, which is:

“(Any) excess over two percent shall be designated and spent solely for tourism and travel, marketing of tourism or initiatives that, as determined after consultation with the local tourism industry organizations, including representatives of lodging properties located in the county, attract travelers to the locality, increase occupancy at lodging properties, and generate tourism revenues in the locality.”

As noted above, the priorities for funding through Restricted Use TOT revenue are Core Tourism Services and Strategic Tourism Growth Initiatives. Core Tourism Services sustain Loudoun's tourism base and competitively position Loudoun County to attract visitors. Core Tourism Services are defined and measured based upon standards recommended by Destination Marketing Association International. These services are provided by Visit Loudoun under a Memorandum of Understanding with the County. Both the Restricted Use TOT Fund Policy and the MOU specify that 75 percent of Restricted TOT funds will be annually allocated to Visit Loudoun in order to deliver Core Tourism Services.

Strategic Tourism Growth Initiatives expand Loudoun's tourism base by implementing high priority projects that are compatible with the programmatic elements of the Loudoun County Tourism Destination Strategy, which the County develops and adopts with Visit Loudoun. Visit Loudoun serves as the primary programmatic element of the County's travel and tourism promotion activities. Projects funded as Strategic Tourism Growth Initiatives will be identified and prioritized as part of the County's annual budget process. Projects can be funded by Board direction, competitive procurement, grants to non-profit entities, or transfers to County Agencies or Visit Loudoun. Any unused funds will be carried over for use as reserve or for multi-year projects. The Policy also details the funding process for Strategic Growth Initiatives. The policy mandates a reserve of 10 percent of actual Restricted TOT Revenues, for use during years in which revenues received are less than projected.



Restricted Use Transient Occupancy Tax Fund

The Policy calls for a 5-Year Tourism Destination Strategy, followed by a 4-Year Tourism Destination Strategy. The Tourism Destination Strategy is reviewed annually by the Board of Supervisors, Visit Loudoun, the Economic Development Advisory Commission, and industry partners to identify and prioritize Strategic Tourism Growth Initiatives.

The table below outlines the percentage available of the Restricted TOT 3 percent for each use.

Restricted TOT Fund Use	Percentage of Restricted 3%
Visit Loudoun (Core Tourism Services)	75%
Board-determined Uses (Strategic Tourism Growth Initiatives)	15%
Policy Mandated Reserves	10%



REVOLVING LOAN FUND

The Board of Supervisors created the Revolving Loan Fund on July 21, 1992. The Fund provided a financing mechanism for capital project and equipment needs of General Government, the Schools, and Volunteer Fire and Rescue Companies. During the CIP deliberation process on March 21, 1996, the Board of Supervisors redefined the scope of the Revolving Loan Fund by limiting those entities that may receive these funds. As a result, General Government and School capital projects no longer receive any financing from the Revolving Loan Fund. The Fund remains a source of capital for future non-General Government and non-School requests related to wastewater treatment projects or Volunteer/Fire Rescue requests. It is included as part of the General Fund.

FY 2019 Budget Analysis

Financial Summary

	FY 2017 Actual	FY 2018 Estimated	FY 2019 Adopted	FY 2020 Projected
Beginning Program Balance	\$4,105,477	\$4,183,571	\$4,258,269	\$4,329,572
Revenues				
Principal Payment – Leesburg Volunteer Fire Company	\$67,908	\$67,908	\$67,908 ¹	\$0
Interest Income	10,186	6,790	3,395	0
Total – Revenues	\$78,094	\$74,698	\$71,303	\$0
Ending Program Balance (Estimated)	\$4,183,571	\$4,258,269	\$4,329,572	\$4,329,572

Revolving Loan Fund Requests

There were no requests submitted for FY 2019. An estimated \$4.3 million will be available by FY 2020 for loans meeting the Board of Supervisors’ criteria.

¹ The loan made to Leesburg Volunteer Fire Company will be fully paid off in July, 2018 (last payment made in FY 2019).





ROUTE 28 SPECIAL IMPROVEMENTS FUND

Loudoun County, in partnership with Fairfax County, formed the Route 28 Highway Transportation Improvement District on December 21, 1987. Under Virginia law, such a district may be formed only upon the joint petition of owners of at least 51 percent of the land area in each County located within the boundaries of the district, and which has been zoned or is used for commercial or industrial purposes. The District was formed to provide improvements to State Route 28, which connects State Route 7 in eastern Loudoun County to U.S. Route 50 and Interstate Highway 66 in western Fairfax County, running approximately parallel to the County's eastern border. State Route 28 provides access to Dulles International Airport, along with the Dulles Access Road, which connects the Capital Beltway to Dulles Airport, and the Dulles Greenway, which provides highway access into central Loudoun County. This District was formed upon landowner petition to accelerate planned highway improvements which relied primarily on slower pay-as-you-go financing from the Northern Virginia region's share of the State primary road fund allocation.

A Commission appointed by the Boards of Supervisors of both Counties administers the District, and the Commission may subject the owners of industrial and commercial property within the District to a maximum additional tax assessment of 20 cents per \$100 of assessed value. These funds, in addition to funds received through the State Primary Road Fund allocation formula, are to be used for the road improvements and debt service on bonds issued by the State. The initial debt issue for this project consisted of \$138.5 million in revenue bonds issued by the State in September 1988. In 2002, the County entered into an agreement with the State and Fairfax County to refund the existing debt and issue new bonds to construct six additional interchanges. The total cost of this additional project is estimated at \$190 million and will be completed under the auspices of the State Public Private Transportation Act.

Loudoun County and Fairfax County entered into a contract with the District on September 1, 1988, and agreed to levy additional tax assessments as requested by the district, collect the tax and pay all tax revenues to the Commonwealth Transportation Board. The contract specified that: (1) the County Administrator shall include in the budget all amounts to be paid by the County under the District Contract for the fiscal year; (2) the County shall provide by February of each year the total assessed fair market value of the district as of January 1 of that year; and (3) the district in turn shall notify the County of the required payment and request a rate sufficient to collect that amount, up to a maximum of 20 cents per \$100 of assessed value. Initially, tax collections at the maximum amount were not sufficient to pay the debt obligation in full. Consequently, the shortfall was made up from the Northern Virginia State Highway allocation. The inter-jurisdictional agreement was subsequently amended to incorporate the revised financing plan for the new work program. Under the revised agreement, Fairfax and Loudoun counties agreed to transfer funds necessary to pay debt service on the existing debt. The remaining amount will be held in a revenue stabilization fund to protect the counties against any fluctuations in revenue. Expected expenditures can be met in FY 2019 with a rate of 18 cents per \$100 of assessed value.

For FY 2019, the Route 28 Special Improvements Fund is projected to generate \$12,239,000 in current and delinquent tax revenue to offset its estimated \$12,239,000 in expenditures. There is no local tax funding in this district/fund.



Route 28 Special Improvements Fund

Fund Financial Summary

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Expenditures	\$10,066,806	\$11,131,000	\$12,239,000	\$13,141,000
Revenues	\$10,331,454	\$11,131,000	\$12,239,000	\$13,141,000
Total	\$264,648	\$0	\$0	\$0

FY 2019 Forecasted C&I Real Property Taxable Base (Forecasted as of January 2018)

2018 fair market value of C&I real taxable property ¹	\$6,651,667,000
PLUS: Reassessment due to equalization	252,296,000
PLUS: Actual full value of new construction	<u>237,761,000</u>
2019 Forecasted fair market value of C&I real taxable property	\$7,141,724,000
FY 2019 C&I Real property tax base subtotal	\$6,896,696,000
LESS: Potential administrative and/or Board of Equalization adjustments ^{2, 3}	(105,018,120)
LESS: Land use deferrals	0
Plus: Partial value of new construction	<u>47,552,000</u>
FY 2019 Forecasted C&I real property tax base total	\$6,839,229,880

FY 2019 Forecasted Real Property Tax Revenue

	<u>Forecasted Taxable Base</u>	<u>Net Revenue per Penny⁴</u>	<u>Revenue (\$0.18/\$100 Tax Base)</u>
Real Property	\$6,839,229,880	\$674,690	\$12,144,000
Public Service Corp., Delinquent, and Penalty			<u>\$95,000</u>
Total Revenue⁵			\$12,239,000

¹ Excludes residential and \$29.8 million in public service corporation properties. Value provided by the Office of the Commissioner of the Revenue on January 25, 2018.

² Resulting from appeals and hearings.

³ Estimated at 1.5% of fair market value.

⁴ Excludes estimate of 0.05% uncollectible revenue and 1.0% deferred revenue and 0.30% for refunds projected to be unavailable for funding expenditures in FY 2019.

⁵ Revenue total is rounded to nearest \$1,000 for FY 2020 forecast.



STATE AND FEDERAL GRANTS FUND

The State and Federal Grants Fund is used to account for the revenues related to grants and donations that are restricted for a specific use (expenditures). The most common sources are the Commonwealth of Virginia (State) and Federal governments. Some private organizations provide grants to the County but they are often pass-through grants that originate at the state and federal levels. The restrictions on these funds are typically outlined in a grant agreement and include the type of expenditures and the timeframe in which expenditures can be made. Some grants are reimbursement based, such as the Urban Area Securities Initiative (UASI), and others are advance funded such as Four-for-Life funding and the Community Development Block Grant (CDBG).

Since the fund accounts for a variety of grants throughout the County, the Department of Management and Budget works closely with the Department of Finance and Procurement to manage the fund. This also requires communication with the departments responsible for the grants themselves like Fire, Rescue, and Emergency Management (FREM), the Department of Family Services (DFS), and Mental Health, Substance Abuse, and Developmental Services (MHSADS).

FY 2019 Budget Analysis

Revenues, Expenditures, and Changes in Fund Balance (Reserves)

	FY 2017 Actuals	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Beginning Fund Balance	\$238,442¹	\$266,518	\$266,518	\$266,518
Revenues				
Miscellaneous Revenue	\$308	\$0	\$0	\$0
Recovered Costs	85	0	0	0
Intergovernmental – Commonwealth	1,286,229	1,489,320	1,163,018	1,163,018
Intergovernmental – Federal	2,628,978	1,450,817	1,656,294	1,656,294
Total – Revenues	\$3,915,600	\$2,940,137	\$2,819,312	\$2,819,312
Expenditures				
Public Safety	\$846,660	\$290,000	\$314,000	\$314,000
Health And Welfare	2,890,173	2,545,587	2,400,762	2,400,762
Community Development	150,691	104,550	104,550	104,550
Total – Expenditures	\$3,887,524	\$2,940,137	\$2,819,312	\$2,819,312
Ending Fund Balance (Estimated)²	\$266,518	\$266,518	\$266,518	\$266,518
<i>Percent Change in Fund Balance</i>	12%	0%	0%	0%
FTE³	7.28	7.28	13.75	13.75

¹ Source for Beginning Fund Balance – FY 2017 Comprehensive Annual Financial Report (CAFR)

² There is no policy that restricts fund balance for the State and Federal Grants Fund. However, this fund balance typically represents grant funding which is restricted for a specific purpose, including advanced funded grants like Four-for-Life.

³ FTE count is different from FY 2018 Adopted Budget Document due to the addition of 6.00 FTE in the Early Intervention program in the Department of Mental Health, Substance Abuse, and Developmental Services, which were moved to the General Fund for FY 2018, and a correction of positions within the Department of Family Services. Neither of these changes represent new position authority in the FY 2019 Adopted Budget.



State and Federal Grants Fund

The FY 2019 Adopted Budget for the State and Federal Grants Fund is \$2,819,312, which is a decrease of \$120,825, or 4.3 percent, from the FY 2018 Adopted Budget. This is due to the right-sizing of grants.

Expenditure Detail

Grant / Department	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Four-for-Life (FREM)	\$290,000	\$314,000	\$314,000
The Four for Life grant is managed by the Department of Fire, Rescue, and Emergency Services (FREM). Program funding comes from a \$4 charge as part of the registration of certain vehicles. Twenty-six percent is remitted back to the originating locality to be used for specific purposes as outlined in the Code of Virginia. The grant is distributed to all of the volunteer fire companies and to LCFR.			
Community Development Block Grant (DFS)	\$1,025,447	\$1,160,000	\$1,160,000
The CDBG grant is managed by the Department of Family Services (DFS) and is used for the program operating costs and personnel (2.75 FTE). Funding is part of the CDBG Entitlement Program which provides annual grants on a formula basis to entitled cities and counties to develop viable urban communities by providing decent housing and a suitable living environment and expanding economic opportunities, principally for low and moderate-income persons.			
Early Intervention (MHSADS)	\$1,520,140	\$1,240,762	\$1,240,762
The Early Intervention Program managed by the Department of Mental Health, Substance, Abuse, and Developmental Services (MHSADS). The program is mandated to provide early intervention services to disabled infants and toddlers and their families. In addition to program costs, the grants support personnel to oversee the program (12 FTE).			
Congestion Mitigation Air Quality (DTCI)	\$77,250	\$77,250	\$77,250
The Congestion Mitigation and Air Quality Improvement Program (CMAQ) is managed by the Department of Transportation and Capital Infrastructure (DTCI). The funding supports the lease of the Broadlands Parking Lot.			
Regional Surface Transportation Program (DTCI)	\$27,300	\$27,300	\$27,300
The Regional Surface Transportation Program (RSTP) is managed by the Department of Transportation and Capital Infrastructure (DTCI). The funding supports the lease of the Lowes Island Parking Lot.			
Total	\$2,940,137	\$2,819,312	\$2,819,312

FY 2020 and Beyond

The Four-for-Life grant has a steady funding stream but the other grants are typically funded either directly by the Federal Government or as pass-thru grants from the Federal Government to the State. While the programs supported by the other grants are mandated, the funding availability is somewhat uncertain given the unpredictability of the federal budget process. Staff will continue to monitor funding status for these grants.

FTE History

FY 2017 Mid-Year: The Board approved 0.47 FTE to convert a part-time Accounts Assistant for the CDBG Program to full-time.

FY 2018: The Board approved 6.00 FTE for the Early Intervention Program: 2.00 FTE for Services Coordinators, 1.00 FTE for a Developmental Specialist, 1.00 FTE for a Clinical Supervisor, 1.00 FTE for a Clinical Supervisor, and 1.00 FTE for a Speech Pathologist.



State and Federal Grants Fund

Policies

While internal policies do not typically exist for the State and Federal Grants Fund, individual grant agreements—and the legal authorization for those funding streams—govern how funds can be spent. Information on the grants included in the Adopted Budget for the State and Federal Grants Fund are below.

Four-for-Life

The Four-for-Life grant is administered by the state and provides funding for the training of emergency medical service personnel and for the purchase of necessary equipment and supplies for use by the County in the Department of Fire and Rescue.

Per State Code Section 46.2-694, a fee of \$4.25 is charged and collected at the time of registration of each pickup or panel truck and each motor vehicle under subdivisions 1 through 12. All funds collected from \$4 of the \$4.25 fee are remitted to the Virginia Department of the Treasury and set aside as a special fund to only be used for emergency medical services purposes.

Of the \$4 fee revenue, the State Department of Health receives 32 percent, the Rescue Squad Assistance Fund (RSAF) receives 32 percent, ten percent is available to the State Department of Health's Office of Emergency Medical Services, and the originating locality receives 26 percent, which are the source of funding for the Four-for Life grant. These funds cannot be used to supplant local funds.

Community Development Block Grant (Source: U.S. Department of Housing and Urban Development Website, Oct. 2017)

The Entitlement Program under the Community Development Block Grant is authorized under Title 1 of the Housing and Community Development Act of 1974, Public Law 93-383, as amended; 42 U.S.C.-4301 et seq. Eligible activities under this program include:

- Acquisition of real property
- Relocation and demolition
- Rehabilitation of residential and non-residential structures
- Construction of public facilities and improvements, such as water and sewer facilities, streets, neighborhood centers, and the conversion of school buildings for eligible purposes
- Public services, within certain limits
- Activities relating to energy conservation and renewable energy resources
- Provision of assistance to profit-motivated businesses to carry out economic development and job creation/retention activities.

Additional information on this grant can be found on the U.S. Department of Housing and Urban Development's (HUD) website.

Early Intervention Programs (Source: Virginia Department of Behavioral Health & Development Services website, Oct. 2017)

Congress enacted early intervention legislation in 1986 as an amendment to the Education of Handicapped Children's Act (1975) to ensure that all children with disabilities from birth through the age of two would receive appropriate early intervention services. This amendment formed Part H of the Act, which was re-authorized in 1991 and renamed the Individuals with Disabilities Education Act (IDEA). When the IDEA was re-authorized in 1998, Part H became Part C of the Act. Virginia's early intervention system is called the Infant & Toddler Connection of Virginia.

These funds are intended to supplement local funding, not supplant.



State and Federal Grants Fund

Congestion Mitigation Air Quality Improvement (CMAQ) Program (Source: CMAQ Fact Sheet, Feb. 2016)

The CMAQ program provides a flexible funding source to State and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act. Funding is available to reduce congestion and improve air quality for areas that do not meet the National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter (nonattainment areas) and for former nonattainment areas that are now in compliance (maintenance areas). The federal share of CMAQ funds is governed by 23 U.S.C. 149 and the FAST Act § 1114.

Regional Surface Transportation Program (RSTP) (Source: Surface Transportation Block Grant Program Fact Sheet, Feb. 2016)

At the federal level, RSTP is referred to as the Surface Transportation Block Grant Program (STBG). It promotes flexibility in State and local transportation decisions and provides flexible funding to best address State and local transportation needs. The federal share of RSTP funds is governed by 23 U.S.C. 133 and the FAST Act § 1109.



TALL OAKS WATER AND SEWER SPECIAL REVENUE FUND

The Board of Supervisors adopted the ordinance establishing the Tall Oaks Water and Sewer Special Revenue Fund pursuant to the Code of Virginia, Section 15.2, Chapter 24, on January 11, 2017. The ordinance also imposed a special assessment on the ten commercial properties whose owners petitioned for the creation of this special tax district to fund the installation of water and sewer lines by Loudoun Water. The ten commercial properties are located along the west side of Cascades Parkway, south of Maries Road, and north of Woodland Road.

Each of the property owners entered into the Special Assessment Agreement pursuant to which the cost of the water and sewer improvements is apportioned among the properties based upon parcel acreage. The special assessment is estimated to generate \$1,115,210 in revenue over twenty years which equals the initial estimate of the cost of the project. Consistent with past practice this amount will be adjusted to reflect the actual cost incurred by Loudoun Water once the project is complete. The annual amounts shown are the current estimates.

Fund Financial Summary

	FY 2017 Actual	FY 2018 Adopted	FY 2019 Adopted	FY 2020 Projected
Expenditures	\$24,046	\$60,572	\$60,572	\$60,572
Revenues	\$24,046	\$60,572	\$60,572	\$60,572



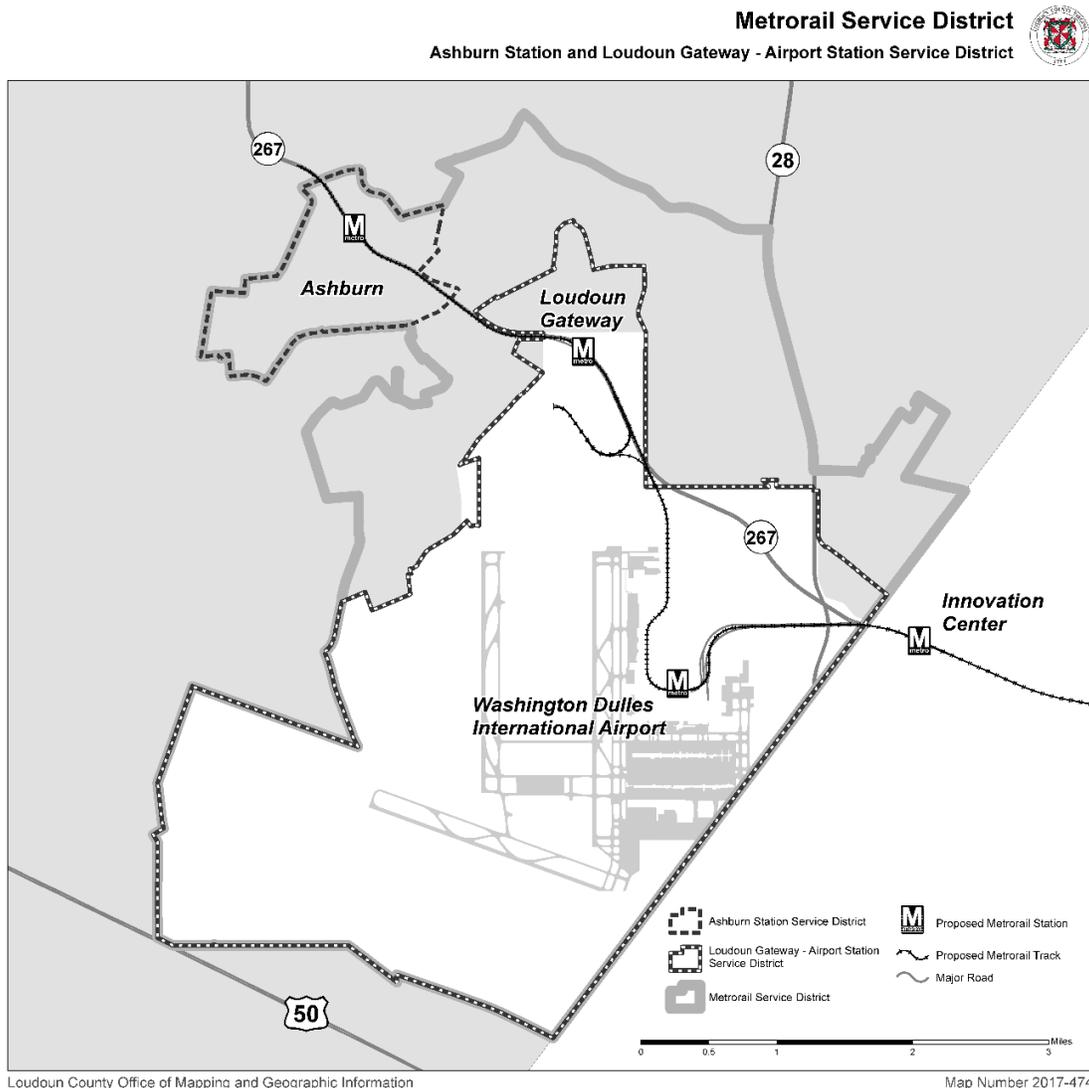


TRANSPORTATION DISTRICT FUND

The Transportation District Fund was created in FY 2013 for the purpose of segregating transportation and transit-related revenues and expenditures. This fund includes real property tax revenue collected from the Special Tax Districts created to support the Dulles Corridor Metrorail Project, a transfer from the General Fund equivalent to \$0.02 of the real property tax rate, local gasoline tax revenue, and revenue resulting from the enactment of HB 2313 by the Virginia General Assembly in 2013.

Metrorail Service Special Tax Districts

In December 2012, the Board established three special tax districts in concert with Phase II of the Dulles Corridor Metrorail Project: the Metrorail Service Special Tax District, Loudoun Gateway – Airport Service Tax District, and the Ashburn Station Service Tax District (illustrated in the following map). Supplemental real property taxes are assessed on parcels within the boundaries of the three special tax districts at an effective rate not to exceed \$0.20 per \$100 of assessed value exclusive of all other applicable taxes and are collected by the Treasurer in the same manner the Countywide real property tax is administered.





Transportation District Fund

The **Metrorail Service Tax District** was established for the purpose of providing public transportation systems serving each Station Service District. The ordinance allows for revenue to be utilized specifically for the County's share of the cost of constructing any related facilities and structures including parking facilities; rail lines and a rail yard; vehicular and pedestrian access; electrical facilities and equipment; studies, assessments, and analysis of environmental and other impacts; local, state, and federal government approvals; environmental preservation and mitigation; acquisition of real property or easements; relocation of roadways; and engineering and legal costs related to the Metrorail project. The primary purpose of the Metrorail Service Tax District is to pay off the debt service on the federal TIFIA loan (detailed below) and any other debt issued by the County for the construction of the Dulles Corridor Metrorail Project extension into the County.

Located within the Metrorail Service Tax District are the **Loudoun Gateway - Airport Station Service Tax District** and the **Ashburn Station Service Tax District**, which were created to provide public transportation systems to serve each District. The Tax Districts will provide revenue continuing beyond the term of the larger Metrorail Service Tax District for the purpose of funding ongoing payments to the Washington Metropolitan Area Transit Authority (WMATA) to provide Metrorail transit service to the stations.

Transportation Infrastructure Finance and Innovation Act (TIFIA)

The Transportation Infrastructure Finance and Innovation Act of 1998 (TIFIA) is a federal credit assistance program administered by the United States Department of Transportation (USDOT) for eligible surface transportation projects of regional or national significance. The program offers three forms of credit assistance: secured (direct) loans, loan guarantees, and lines of credit. On February 21, 2014, USDOT formally invited Loudoun County, Fairfax County, and the Metropolitan Washington Airports Authority (MWAA) to apply for TIFIA credit assistance for each entity's individual capital contribution for the Dulles Corridor Metrorail Project. Loudoun County submitted an application for TIFIA credit assistance in the form of a secured loan in the amount of \$195,072,507, plus deferred interest. On December 9, 2014, USDOT and Loudoun County closed on the loan.

MWAA estimates the total construction cost of the Dulles Corridor Metrorail Project will be \$5.8 billion. The County will use the TIFIA loan to finance a portion of Loudoun's share of the Project. Per the Memorandum of Agreement executed in December 2011, Loudoun County is responsible for 4.8 percent, which is now estimated at \$274 million of the total project cost. The County will fund its share of construction-related costs using the \$195 million TIFIA loan, \$56 million of lease revenue financing, and an estimated \$22.6 million of tax revenue generated from the Metrorail Service Tax District.

Beginning in FY 2020, Loudoun County will begin paying its portion of the WMATA capital contributions for the Metrorail system. At this time, the County's FY 2020 capital contribution is estimated to be \$16.4 million. These funds are included in the FY 2019 – FY 2024 Adopted CIP. Beginning in FY 2021, contributions are expected to increase and the CIP includes funding for this increase to a level of \$28 million. While the ordinance establishing the Metrorail Service District allows the use of the revenues generated by the district for ongoing costs to WMATA, per the TIFIA loan agreement, the debt service on the TIFIA loan and additional borrowing for the construction of the project have priority in drawing on those revenues until the debt is paid off, which is estimated to be in 2042. The FY 2019 Adopted Budget includes \$6,044,587 to make interest payments on the TIFIA loan and additional debt to be issued for Metrorail construction. Per the terms of the TIFIA loan agreement, principal payments are deferred until FY 2023. This allows additional time for the Metrorail Service Tax District to generate revenue to offset these and other costs.



Transportation District Fund

HB 2313 Statutory Requirements and Local and Regional Revenues

During the 2013 Virginia General Assembly legislative session, HB 2313 was enacted¹. It established three revenue sources dedicated to transportation and transit for Northern Virginia and designated the Northern Virginia Transportation Authority (NVTA) as the organization responsible for managing these revenue sources.

HB 2313 included an incremental increase of 0.7 percent for the State Sales Tax; an increase of 2 percent to the Transient Occupancy Tax; and an additional \$0.15 congestion relief fee for the Grantor's Tax within the nine jurisdictions comprising the Northern Virginia Planning District. NVTA distributes "local" 30 percent (or NVTA 30%) of the proportional revenue collected to each of the jurisdictions periodically. The revenue can only be spent on urban or secondary road construction, capital improvements that reduce congestion, other projects that have been approved in the regional transportation plan, or for public transportation. The remaining "regional" 70 percent (or NVTA 70%) of the proportional revenue collected in each jurisdiction is retained by NVTA for regional transportation projects that are included within the TransAction regional transportation plan or mass transit capital projects that increase capacity. Regional transportation projects are prioritized and adopted by the NVTA Board on an annual basis with the intent that over time each jurisdiction will receive its equivalent proportional share of the revenue. NVTA updated the TransAction plan in 2017 to establish a Six-Year Program (SYP) to competitively prioritize for and award NVTA 70% funding for transportation projects in the FY 2018 – FY 2023 period. Funding awards will be announced in the spring of 2018.

Additionally, towns that have a population over 3,500 within each of the respective counties are to be provided the proportional share of the NVTA 30% revenue collected within the town limits. The towns of Leesburg and Purcellville are eligible for these funds. Per HB 2313, these revenue sources must be deposited into a separate, special revenue fund for which the Transportation District Fund serves. For FY 2019, these revenues are dedicated to projects included in the FY 2019-2024 Adopted Capital Improvement Program (CIP)².

HB 2313 also requires that the County maintain a level of funding dedicated for transportation and transit equivalent to the average amount of expenditures for transportation and transit as established for the three fiscal year period from FY 2011 to FY 2013, or approximately \$15.6 million; and that the dedicated revenue is separate from the anticipated HB 2313 revenues. In addition to the requirement of maintaining funding levels, the County is also required to enact a Commercial & Industrial (C&I) Property Tax at \$0.125 per \$100 valuation or dedicate an equivalent level of funding for transportation and transit purposes in order to receive the 30 percent share of HB 2313 revenue. It is estimated that a C&I tax levied in the County would yield approximately \$20.2 million in FY 2019. The Board of Supervisors has taken no action to levy such a tax, and consequently the FY 2019 Adopted Budget includes appropriations for transportation and transit purposes which satisfy the C&I tax equivalent requirement. The C&I equivalent for FY 2019 includes an amount equivalent to \$0.02 of the real property tax rate, or \$16,400,000, \$500,000 of cash proffer funding, and \$13,060,000 in additional local tax funding³. In accordance with the requirements of the statute, this funding is placed in a separate account within the Transportation District Fund.

Local Gasoline Tax Revenue and Uses

Loudoun County began the collection of a 2 percent local gasoline tax in January 1989. Initially, gasoline tax funds were administered through the Loudoun County Transportation District Commission (LCTDC). In January 1990, the

¹ Chapter 766, 2013 Acts of Assembly

² Further details on the transportation projects utilizing HB 2313 revenues can be found within the Transportation Capital Projects section of the CIP in Volume 2 of this document.

³ Additional funding is to provide for the design of Westwind Drive (State Street to Ladbrook Drive) and to support the acceleration of the construction of Crosstrail Boulevard from FY 2020 to FY 2019 to provide access to Philip A. Bolen Memorial Park. These funds are represented as a transfer of local tax funding from the General Fund through the Transportation District Fund to the Capital Projects Fund.



Transportation District Fund

Board of Supervisors dissolved the LCTDC and elected to join the Northern Virginia Transportation Commission (NVTC), where local gasoline tax collections are received and administered in a separate Loudoun account.

In FY 2018, all County operations previously funded with gasoline tax revenue transitioned to local tax funding and an uncommitted balance of approximately \$6 million remained. In FY 2019, the County will pay Metrorail start-up operating costs totaling \$12,000,000 utilizing local gasoline tax revenues and in FY 2020, the County will pay its annual operating payment to WMATA. Payments are required 18 months in advance of the projected opening date. The projected amount of gasoline tax revenue allocated to the County for FY 2019 is \$8,487,000. Of the remaining balance reserved in FY 2018, approximately \$3.5 million is budgeted to make the total projected operating payment to WMATA.

From FY 1993 until FY 2018, the County distributed, under Board policy guidelines, gasoline tax revenues to the towns of Leesburg and Purcellville proportionate to the towns' populations of the total County population. Beginning in FY 2019, these transfers are eliminated as gasoline tax revenue is dedicated to Metrorail capital and operating costs.

Transportation and transit-related non-profit contributions and administrative contributions to transportation-related organizations previously funded by gasoline tax revenue, with the exception of administrative fees associated with the NVTC, are included in the Regional Organizations and Intergovernmental Contributions section of this document¹. In FY 2019, gasoline tax revenues are used only for obligations to WMATA and fees associated with administering these revenues.

Over the long term, local gasoline tax revenue will likely not be sufficient to fully fund the County's obligation to WMATA and additional sources of revenue will need to be identified to meet these requirements. Revenue generated by the levy on the Metrorail Service Tax District must first be used to repay the TIFIA loan and other construction-related debt. These payments are estimated to end in 2042. A levy may be activated on the Station Service Tax Districts to assist in meeting the obligations to WMATA, along with other potential revenue sources the Board of Supervisors may want to consider.

¹ More information is available in the Miscellaneous Section within Volume One of this document.



Transportation District Fund

Revenues, Expenditures, and Changes in Fund Balance (Reserves)

	FY 2018 Estimated	FY 2019 Adopted	FY 2020 Projected
Estimated Beginning Fund Balance¹	\$27,269,477	\$56,073,255	\$58,356,668
Revenues			
Metrorail Services Special Tax Districts	\$8,610,000	\$8,320,000	\$8,940,000
Local Gasoline Tax ²	7,725,000	8,502,000	9,363,000
NVTA Local 30%	17,899,501	19,026,000	19,593,000
NVTA Regional 70% ³	33,500,000	38,212,000	47,492,000
Interest	8,000	8,000	8,000
Transfer From The General Fund ⁴	30,200,000	29,460,000	20,562,593
Transfer From The Public Facilities Fund	1,903,124	500,000	500,000
Use of Prior Year Fund Balance – Gas Tax	0	3,508,160	3,147,500
Use of Prior Year Fund Balance	0	0	149,138
Total – Revenues	\$99,845,625	\$107,536,160	\$109,755,231
Expenditures			
Local Gasoline Tax ⁵	\$1,664,222	\$12,010,160	\$12,510,500
Towns	931,507	0	0
Transportation/Transit	711,129	12,000,000	12,500,000
Administrative	21,586	10,160	10,500
HB 2313 Local (30%) – NVTA Administrative Fees	256,865	237,825	245,097
HB 2313 Local (30%) – Transfer to Capital Fund	18,517,636	18,788,175	19,347,903
HB 2313 Regional (70%) – Transfer to Capital Fund	33,500,000	38,212,000	47,492,000
Transportation Capital Project – Transfer to Capital Fund	17,103,124	29,960,000	21,062,593
Metrorail Construction Debt Service – Transfer to Debt Service Fund ⁶	0	6,044,587	9,097,138
Total – Expenditures	\$71,041,847	\$105,252,747	\$109,755,231
Estimated Impact to Fund Balance	\$28,803,778	\$2,293,413	\$0
Projected Year End Fund Balance	\$56,073,255	\$58,356,668	\$58,356,668

¹ Source for Beginning Fund Balance – FY 2017 Comprehensive Annual Financial Report (CAFR)

² Includes interest on investments from NVTC holding account

³ The final amount of NVTA 70% funding for FY 2018 will be announced in spring 2018.

⁴ This transfer includes the equivalent of \$0.02 of the real property tax rate. In FY 2018, \$15,000,000 of General Fund balance was transferred to the Transportation District Fund for Metrorail Contingency funding.

⁵ The table on the following page provides detail for local gasoline tax expenditures.

⁶ Debt service beginning in FY 2019 is interest only per the TIFIA loan agreement.



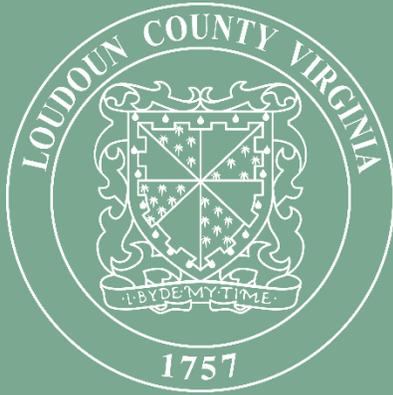
Transportation District Fund

Local Gasoline Tax Appropriations

	FY 2018 Revised	FY 2019 Adopted ¹	FY 2020 Projected
Towns²			
Town of Leesburg	\$787,774	\$0	\$0
Town of Purcellville	143,733	0	0
Expenditure Subtotal—Towns	\$931,507	\$0	\$0
Transportation/Transit			
American Red Cross	\$38,916	\$0	0
ECHO	37,200	0	0
Loudoun Volunteer Caregivers	173,565	0	0
Virginia Regional Transit – Rural Fixed Route Service	461,448	0	0
Washington Metropolitan Area Transit Authority (WMATA)	0	12,000,000	12,500,000
Expenditure Subtotal—Transportation/Transit Projects	\$711,129	\$12,000,000	\$12,500,000
Administrative Contributions			
Dulles Area Transportation Association	\$12,000	\$0	0
Northern Virginia Transportation Commission (NVTC)	9,586	10,160	10,500
Expenditure Subtotal—Administrative Contributions	\$21,586	\$10,160	\$10,500
Total—Expenditures	\$1,664,222	\$12,010,160	\$12,510,500

¹ Payments to non-profit organizations previously funded with gasoline tax revenues are included in the Regional Organization and Intergovernmental Contributions section in Volume One of this document. Administrative contributions to NVTC will continue to be paid from gasoline tax revenues.

² Until the end of FY 2018, the towns of Leesburg and Purcellville received a percentage of local gasoline tax revenue proportional to their share of the County’s total population. The FY 2019 Adopted Budget eliminates these contributions and reallocates those revenues to support the County’s contribution to WMATA.



Fiscal Trends

FY 2019 Adopted Budget

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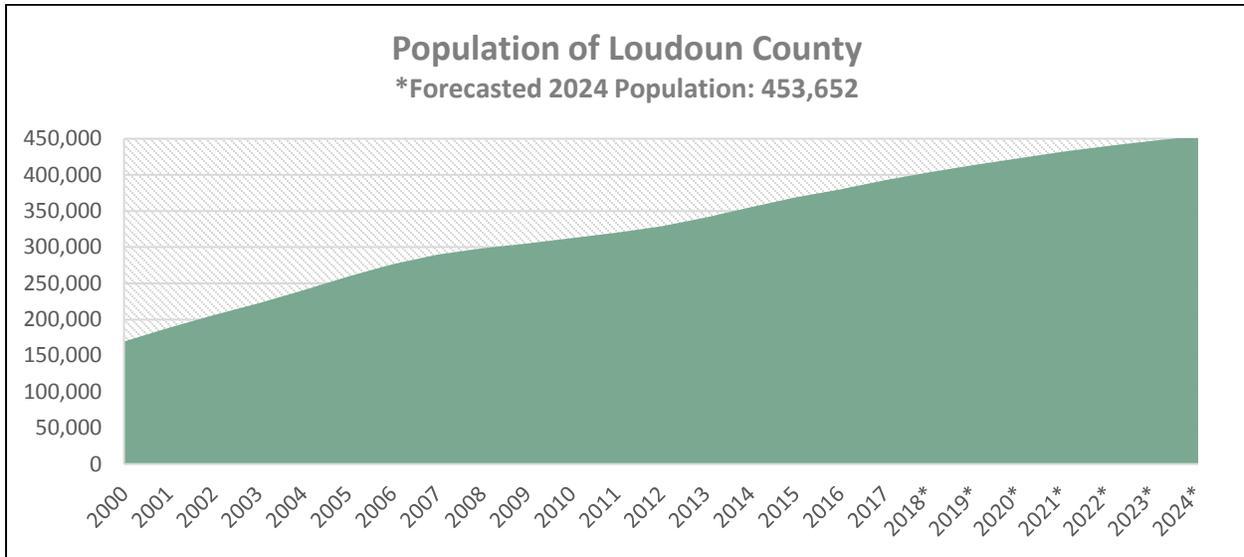




DEMOGRAPHIC AND ECONOMIC TRENDS

Population

Loudoun County has been one of the fastest growing counties in the nation since the late 1990s. Between 2010 and 2017 Loudoun was ranked the nineteenth fastest growing county in the nation and number nine for jurisdictions with populations over 100,000. The County’s forecasted 2019 population is 413,612. In 2024, the County’s population is forecasted to be 453,652, which is an increase of 45 percent from 2010.



Sources: U.S. Census Bureau, *Census 2000* and *Census 2010*; Loudoun County, *2017 Fiscal Impact Committee Guidelines*.

Population in Loudoun County

Year	Source	Population	Avg. Annual % Change in Population
1960	U.S. Census Bureau figure	24,549	n/a
1970	U.S. Census Bureau figure	37,150	4.2%
1980	U.S. Census Bureau figure	57,427	4.5%
1990	U.S. Census Bureau figure	86,129	4.1%
2000	U.S. Census Bureau figure	169,599	7.0%
2010	U.S. Census Bureau figure	312,311	6.3%
2011	Estimate	320,171	2.5%
2012	Estimate	328,890	2.7%
2013	Estimate	341,187	3.7%
2014	Estimate	354,983	4.0%
2015	Estimate	368,669	3.9%
2016	Estimate	379,807	3.0%
2017	Estimate	392,711	3.4%
2018*	Forecast	403,815	2.8%
2019*	Forecast	413,612	2.4%
2020*	Forecast	422,946	2.3%
2021*	Forecast	432,113	2.2%
2022*	Forecast	439,961	1.8%
2023*	Forecast	447,170	1.6%
2024*	Forecast	453,652	1.4%



Demographic and Economic Trends

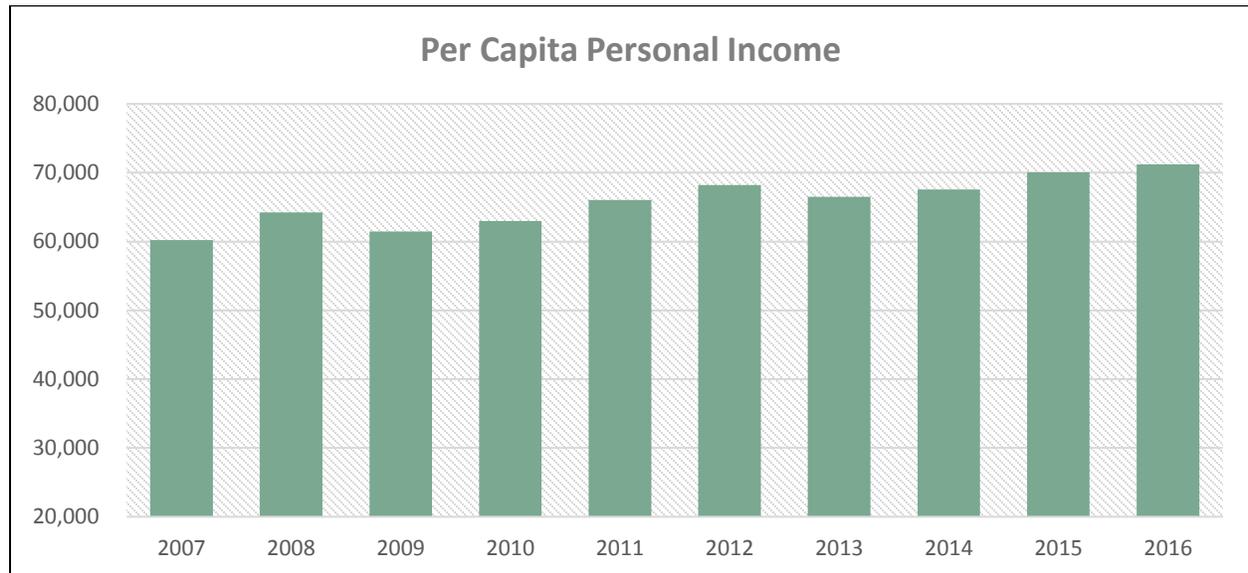
Income

Incomes in Loudoun County are among the highest in the nation. Loudoun County’s median household income was ranked first in the nation out of all jurisdictions according to the U.S. Census Bureau’s 2012-2016 American Community Survey five-year averages. Among jurisdictions with populations above 65,000, Loudoun County’s median household income has ranked highest in the nation since 2007 according to the U.S. Census Bureau’s American Community Survey one-year estimates. In 2016, Loudoun’s median was \$134,464, more than twice the national median of \$57,617, and nearly twice Virginia’s median of \$68,114. Compared to the Washington, DC, Metropolitan Statistical Area’s (MSA) median of \$95,843, Loudoun was 40 percent higher.

On a per capita basis, the personal income of Loudoun County residents increased at an average annual rate of 1.9 percent per year from 2007 through 2016. Loudoun County’s 2016 per capita income ranked in the top two percent in the United States, placing 61st out of 3,113 U.S. counties, according to the U.S. Bureau of Economic Analysis.

History of per Capita Personal Income

Year	Per Capita Personal Income
2007	\$60,232
2008	64,256
2009	61,471
2010	62,979
2011	66,042
2012	68,208
2013	66,517
2014	67,577
2015	70,046
2016	71,218



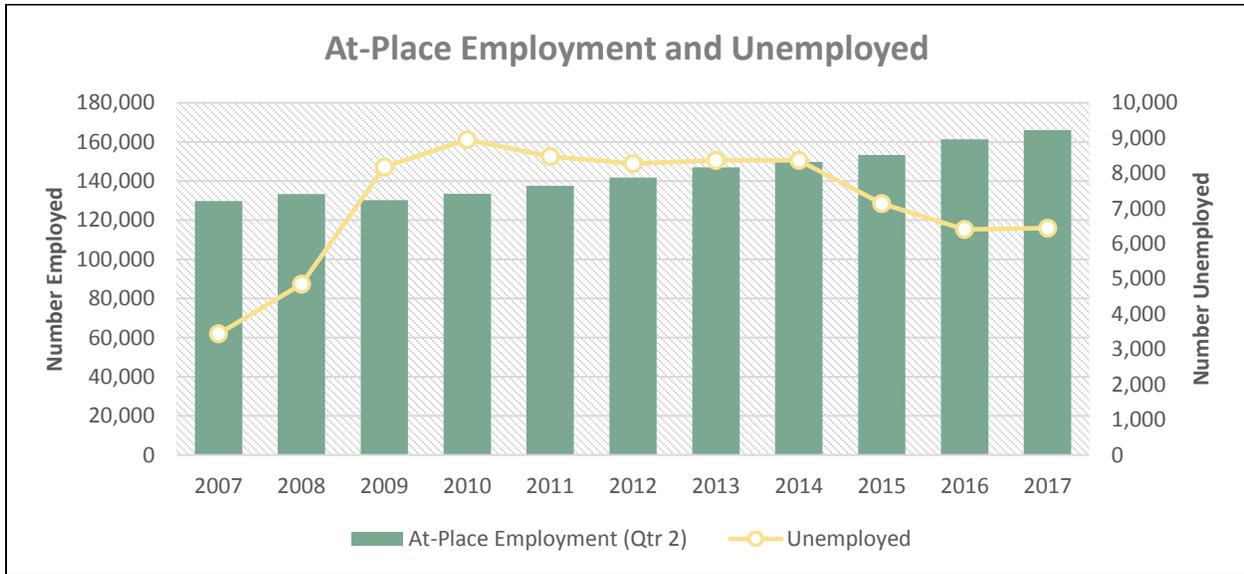
Source: U.S. Bureau of Economic Analysis (November 16, 2017).



Demographic and Economic Trends

At-Place Employment and Unemployed

At-place employment is the number of persons working at businesses and other organizations within the County. Loudoun's at-place employment increased 28 percent between 2006 and 2016. The 18-month recession, which began in December 2007, reduced job growth within Loudoun and led to sharp increases in unemployment in 2008 and 2009. The number of unemployed residents peaked in 2010 and has since fallen. After declining in 2009, employment has increased for seven consecutive years; and the number of unemployed residents declined by 728 persons or 10 percent from 2015 to 2016.



Source: Virginia Employment Commission.

Note: The at-place employment data are for the second quarter of each calendar year. Unemployment data are annual values, based on residence in Loudoun County, not place of employment.

The number of employees in the County for each industry sector as of the second quarter of 2017 is:

Industry Sector	No. of Employees	Percentage
Natural Resources and Mining	668	0.4%
Construction	16,134	9.7%
Manufacturing	7,041	4.2%
Trade, Transportation, and Warehousing	35,913	21.6%
Information	7,081	4.3%
Financial Activities	5,675	3.4%
Professional and Business Services	31,771	19.1%
Education and Health Services	28,737	17.3%
Leisure and Hospitality	20,813	12.5%
Other Services (except Public Administration)	5,546	3.3%
Public Administration	6,090	3.7%
Unclassified	589	0.4%
Total All Industries	166,058	100.0%



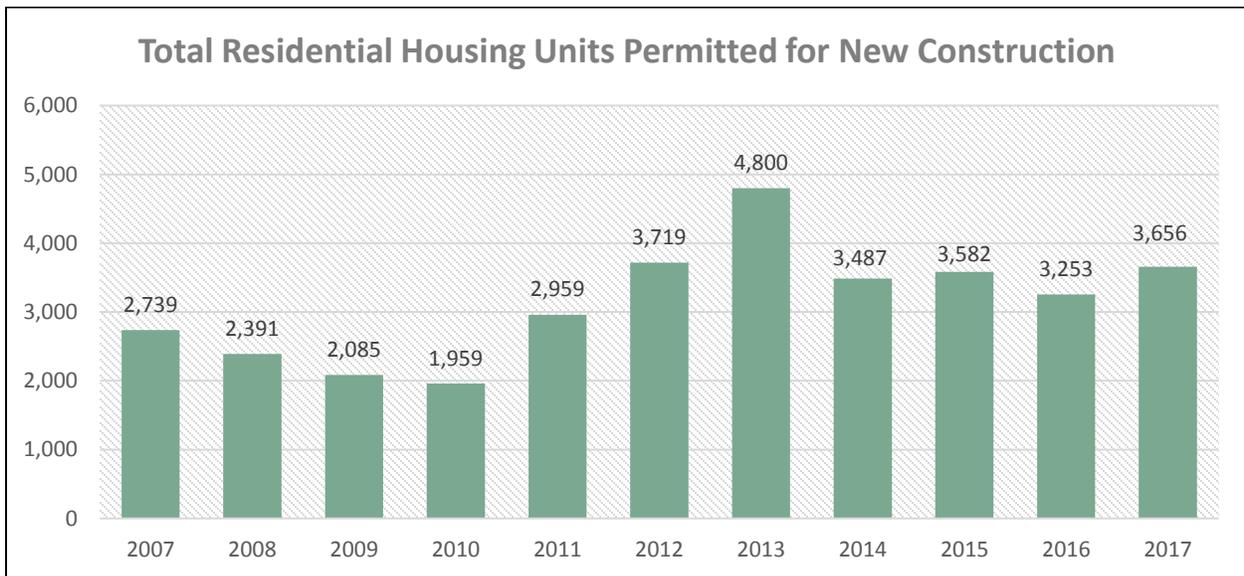
Demographic and Economic Trends

Residential Construction

In 2017, the County issued building permits for 3,656 new residential units, all of which were for housing units and none were for group quarter units. Group quarters are places where people live in a group living arrangement, such as nursing homes, college dormitories, homeless shelters, and detention centers. Of the 3,656 housing units, 39 percent were for single-family detached, 28 percent for single-family attached, and 33 percent for multi-family units.

The number of building permits issued for new residential housing unit construction declined from 2005 to 2010 due to the effects of the nationwide housing crisis and recession. The post-recession recovery of the housing market was evident in 2011 with the large increase in building permits from 2010 to 2011. The years 2012 to 2017 exceeded the recession levels and the 2011 level. The 2017 residential housing unit permitting level in Loudoun was 12.4 percent more than in 2016. Loudoun continues to have one of the highest annual counts of residential permitting in the nation and the highest in Virginia.

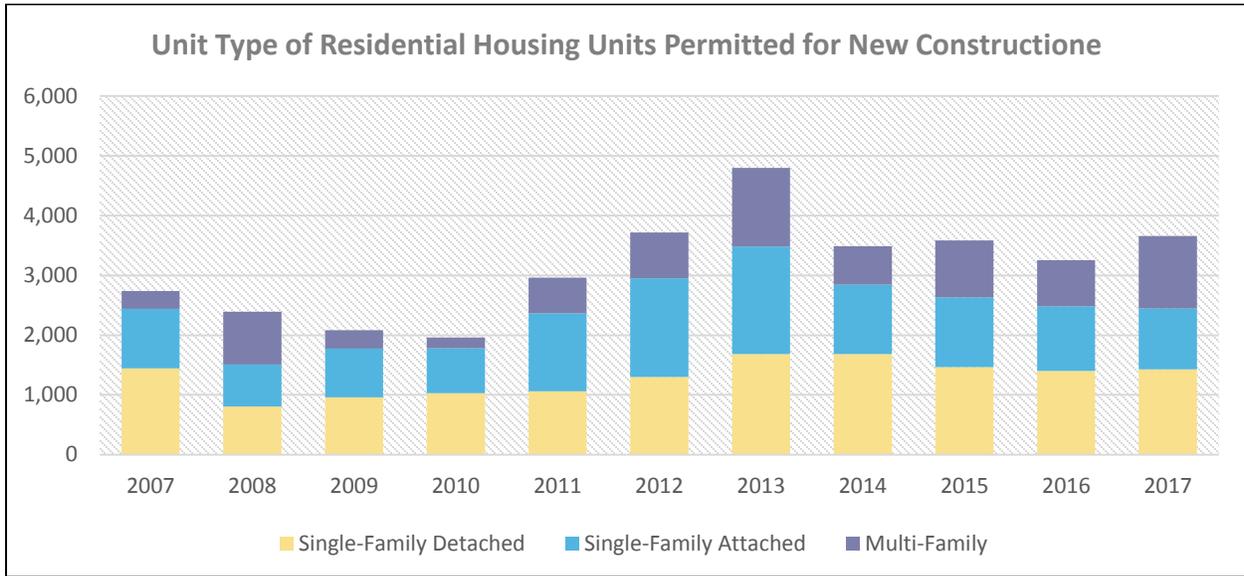
The County's relatively large amount of residential construction, bringing with it more residents, has created increased service demands.



Source: Loudoun County Department of Building and Development. Compiled by: Loudoun County Department of Planning and Zoning.



Demographic and Economic Trends



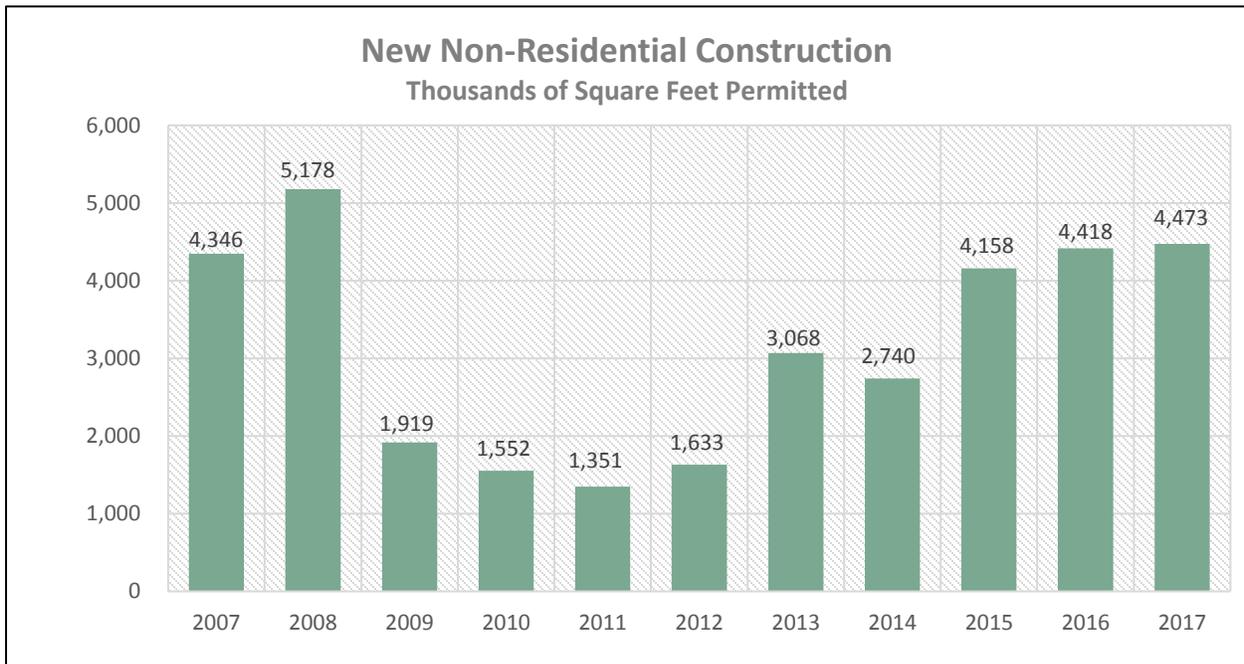
Source: Loudoun County Department of Building and Development. Compiled by: Loudoun County Department of Planning and Zoning.



Demographic and Economic Trends

Non-Residential Construction and Vacancy Rate

Reduced levels of non-residential permitting from 2009 through 2012 were due to the recent recession. The jump in 2008 was largely due to the parking facilities associated with the Village at Leesburg mixed commercial-residential development. In 2015 there was a substantial increase and 2016 and 2017 continued the upward trend. The increases are due in part to permitting for new data centers. The 2017 amount was the highest annual amount permitted since 2007.



Source: Loudoun County Department of Building and Development. Compiled by: Loudoun County Department of Planning and Zoning.



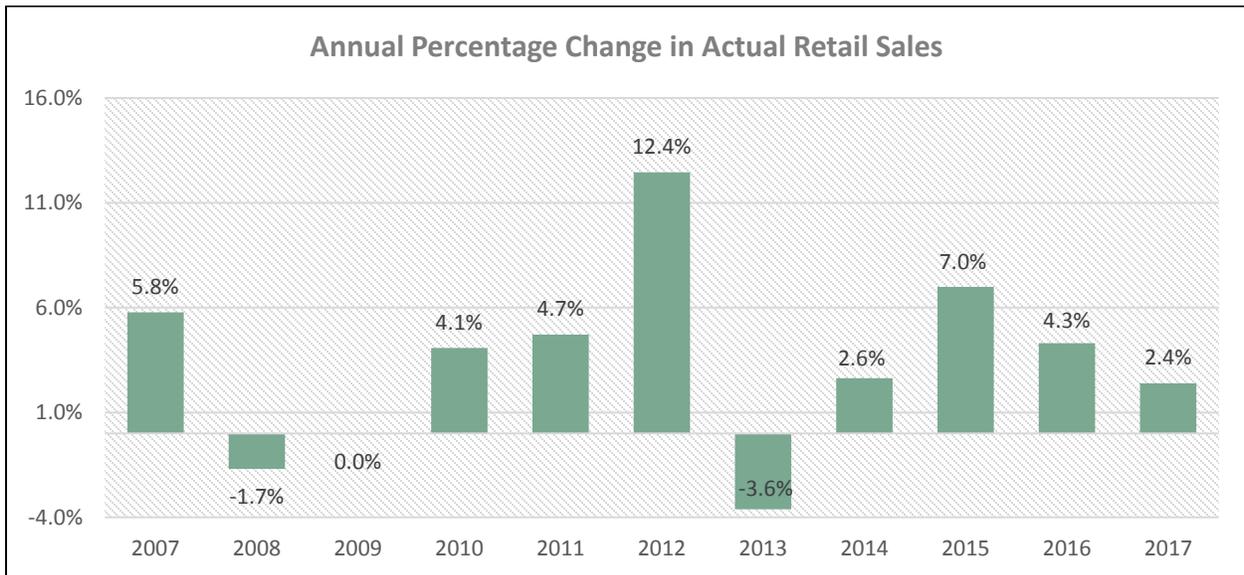
Source: CoStar, average vacancy for each year for the combined set of properties classified as office, industrial, or flex. Compiled by: Loudoun County Department of Economic Development.



Demographic and Economic Trends

Retail Sales

Population growth and new retail development in Loudoun County have generally caused annual retail sales of tangible goods to increase over time. The decline in retail sales in 2008 was due to the recent recession. Retail sales growth resumed in 2010. Reported sales for 2012 include sales from prior years which were not included in the totals for those years. This correction causes the 2012 percentage change to be overstated (and the 2013 change understated) relative to the value that would have occurred in the absence of any reporting errors. The retail sales reported for localities by the Virginia Department of Taxation, which administers the collection and distribution of sales and use taxes, only includes items that are subject to the general sales tax. State law exempts a host of goods from the sales tax, including motor vehicles (which are subject to a motor vehicle sales and use tax), travel trailers, motor vehicle fuels, newspapers not sold in newsstands, and a number of others.



Source: Virginia Department of Taxation.

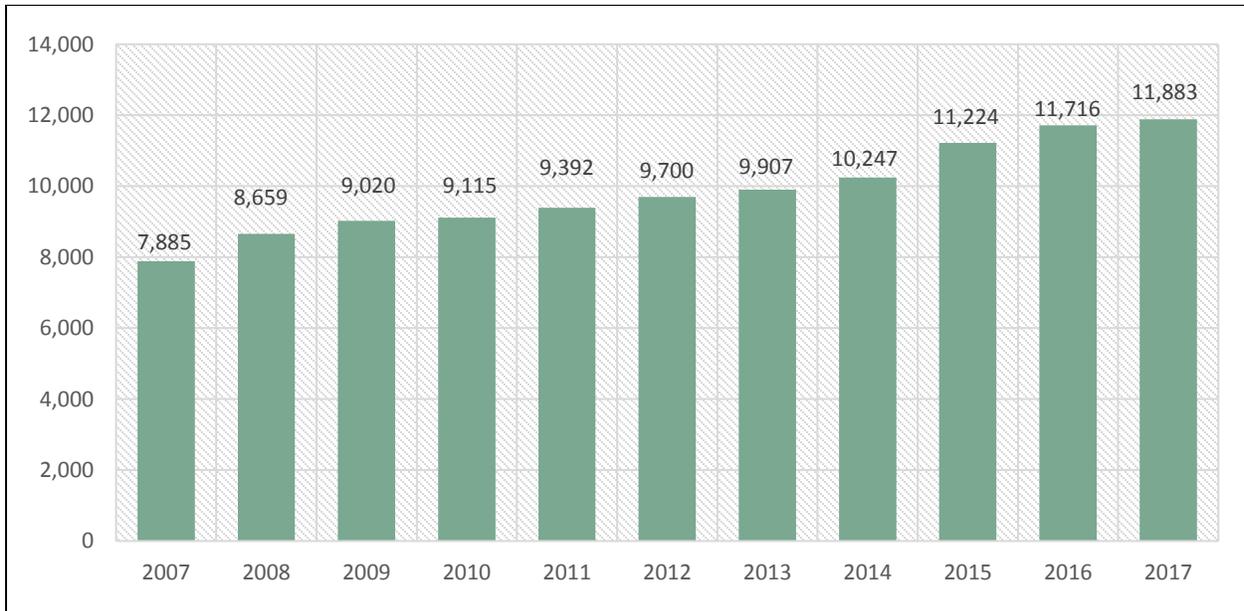
Note: Reported sales for 2012 included a correction for under-reported sales from previous years. Consequently, the 12.4 percent increase for that year and the -3.6 percent for 2013 do not accurately reflect the economic growth trend.



Demographic and Economic Trends

Business Establishments

Since 2007, the number of business payroll establishments has grown each year, reflecting a growing population and economy. The number of establishments is used as a proxy for the number of businesses. An establishment is usually at a single location and engaged in one predominant activity. However, a company may be comprised of more than one establishment if they are at more than one location, or are engaged in multiple services or products that fall under different classifications. The annual growth in business establishments has been 4.2 percent per year over the past ten years.



Source: Virginia Employment Commission, Second Quarter Data.

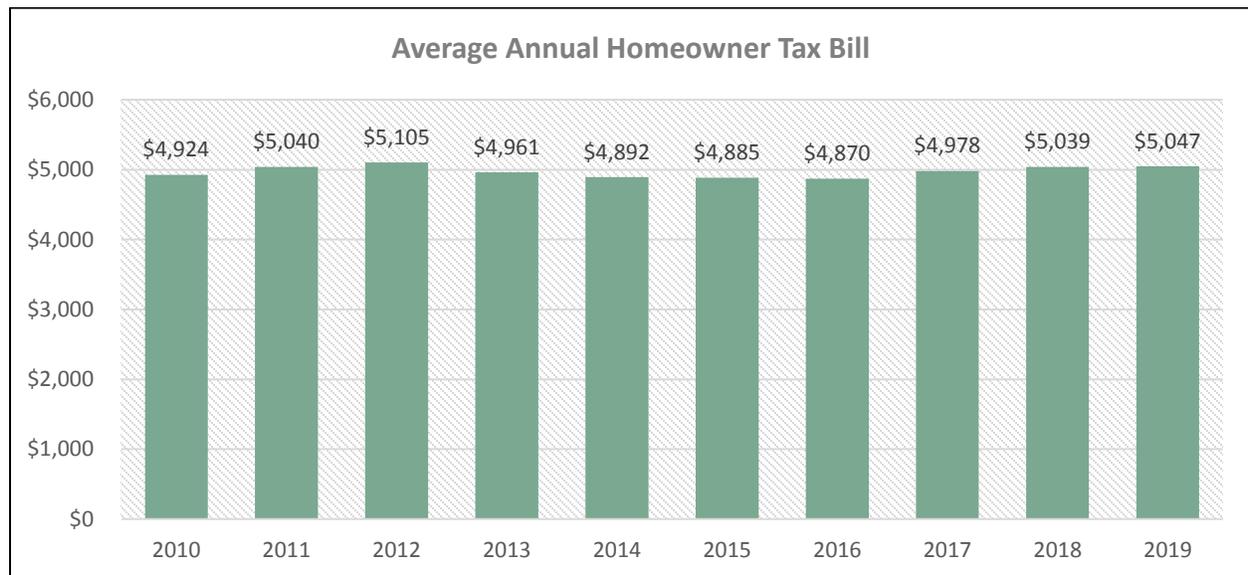


Demographic and Economic Trends

Average Homeowner Tax Bill

The average homeowner tax bill is computed by applying the County’s real estate tax rate to the average assessed value of a Loudoun home. The following is a summary of the average assessed value of a home in Loudoun:

Calendar Year	Fiscal Year	Tax Rate	Average Assessed Home Value	Average Tax Bill
2009	2010	\$1.245	\$395,480	\$4,924
2010	2011	\$1.300	\$387,720	\$5,040
2011	2012	\$1.285	\$397,300	\$5,105
2012	2013	\$1.235	\$401,710	\$4,961
2013	2014	\$1.205	\$405,975	\$4,892
2014	2015	\$1.155	\$422,985	\$4,885
2015	2016	\$1.135	\$429,100	\$4,870
2016	2017	\$1.145	\$434,800	\$4,978
2017	2018	\$1.125	\$447,700	\$5,037
2018	2019	\$1.085	\$465,200	\$5,047



Source: Loudoun County Commissioner of the Revenue. Compiled by: Department of Management and Budget.

Notes: 1) This table provides the average January 1 value of housing units that were 100 percent complete at the beginning of the prior year. In this way the impact of proposed tax changes on existing homeowners can be assessed. 2) Because the number of housing units changes each year as new units are completed, some of the change in value results from the new housing units added each year. For this reason, this data does not provide the trend in value for units built in the past. 3) The values for fiscal years 2014 and 2015 are estimates.



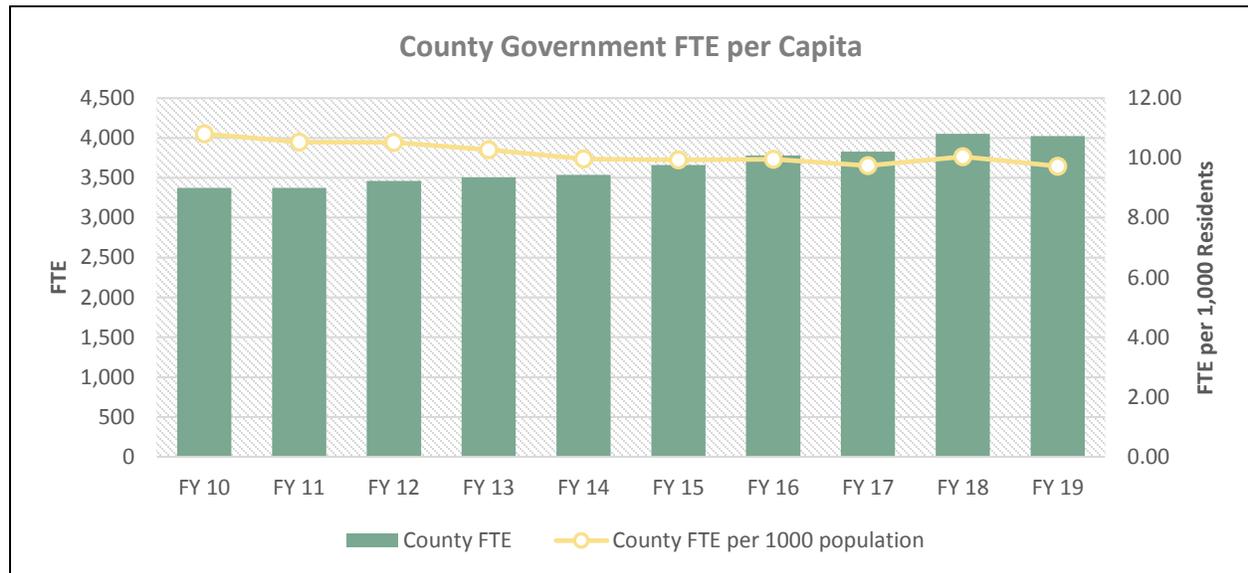
Demographic and Economic Trends

County Government FTE Per 1,000 Population

One full-time equivalent employee (FTE) equates to one employee who is authorized to work the normal 1,950 hours per year (or 37.50 hours per week). The FTE of County Government does not include School System personnel. The number of County Government FTE per 1,000 residents has generally declined since 2008 as the resident population of the County grew more rapidly than the number of FTE. The decline in the ratio of FTE to population reflects a combination of efficiency improvements – whereby the same level of service to the public can be provided with fewer employees – and efforts to provide only those services that provide the greatest value to the community.

County Government FTE per 1,000 Population

Fiscal Year	FTE per 1,000 Population
2010	10.81
2011	10.53
2012	10.52
2013	10.27
2014	9.96
2015	9.93
2016	9.95
2017	9.75
2018	10.04
2019	9.72



Source: Loudoun County Department of Management and Budget.¹

¹ Beginning in FY 2019 with the full implementation of the Human Capital Management module of Oracle, all single incumbent positions with authorized weekly hours of 37.5 or greater are now assigned an FTE value of 1.00. In prior years, authorized weekly hours greater than 37.5 were assigned FTE values greater than 1.00. This recalculation caused a reduction of total FTE, but not the number of personnel.

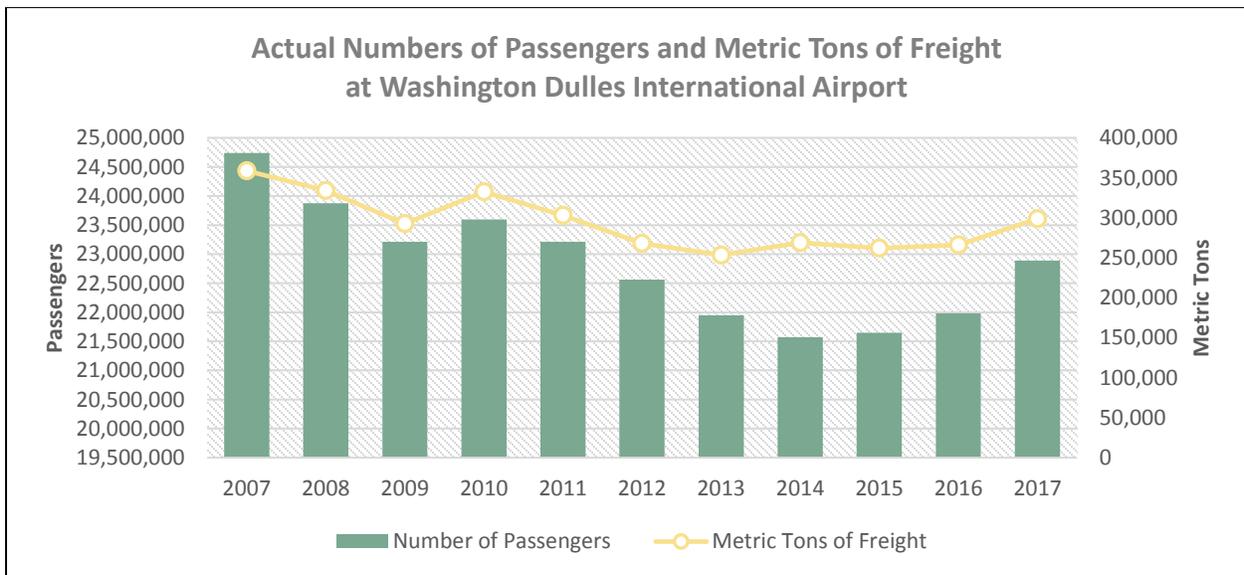


Demographic and Economic Trends

Passengers at Washington Dulles International Airport

The number of passengers at Washington Dulles International Airport, which is an important part of the County's economy, decreased in the early 2000s due to the terrorist attacks of September 11, 2001 and economic recession. Both passenger and freight traffic rebounded in 2004 and freight traffic continued to increase through 2007. The drop in passenger traffic from 2005 to 2006 reflects the cessation of operations by Independence Air in January 2006. Total passenger volume fell from 2010 to 2014 as international travel did not increase sufficiently to offset the decline in domestic volume. The decline in domestic passenger traffic has coincided with authorization of more long-range domestic flights from Reagan National Airport. Since 2015 passenger traffic has again increased. The air freight sector at Dulles competes with other airports (some of which offer shippers more scheduled daily flights) and with alternate forms of freight transport (i.e., water, rail, and truck). The year-to-year fluctuations in annual tonnage at Dulles are similar to those for the air freight industry as a whole. Volume declined in 2008 and 2009 as the economic recession reduced production and trade activity. Tonnage increased in 2010 with economic recovery, but rising fuel costs in subsequent years induced shippers to utilize alternate (more fuel efficient) shipping modes to a greater degree. The sharp decline in fuel prices since the summer of 2014 enabled air freight to regain some market share.

An underground train system for moving passengers between the airport's main terminal and the various gates was completed in 2010. Enhancements such as this should improve the airport's ability to attract businesses to the County, thereby improving the future growth potential of the County's economy. In 2014, Frontier Airlines began passenger service between Dulles and eighteen other cities. In 2017, Air India, LAN Peru, and Air Canada commenced nonstop service to Delhi, Lima, and Toronto, respectively. Virginia's 2016-18 biennium budget included a \$50 million grant to the airport authority to assist it in business attraction and retention by lowering airport fees.



Source: Metropolitan Washington Airports Authority.



Demographic and Economic Trends

Major Employers in Loudoun County

Employers in Loudoun County with 500 or more employees:

1. Loudoun County Public Schools
2. Loudoun County Government
3. Verizon
4. United Airlines
5. U.S. Department of Homeland Security
6. Raytheon
7. Orbital ATK
8. Inova Loudoun Hospital
9. Swissport USA Inc.
10. Dynalectric
11. Walmart
12. U.S. Postal Service
13. AOL Inc.
14. Air Serv Corp.
15. Wegman's Food Markets Inc.
16. Loudoun Medical Group
17. Harris Teeter
18. Gate Gourmet
19. U.S. Department of Transportation
20. Giant Food Stores
21. Metro Washington Airports Authority
22. Costco
23. The Home Depot
24. W.E. Bowers & Associates
25. JK Moving & Storage
26. Toll Brothers
27. Club Demonstration Services
28. Howard Hughes Medical Institute
29. Rosendin Electric
30. Northern Virginia Community College
31. Town of Leesburg
32. McDonald's
33. Target
34. Neustar

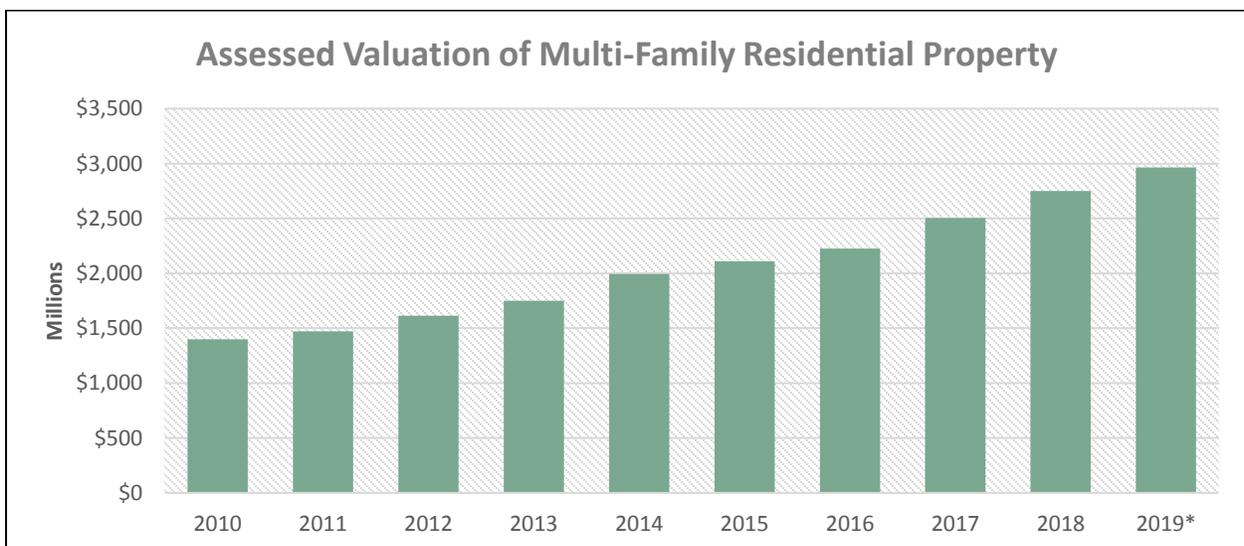
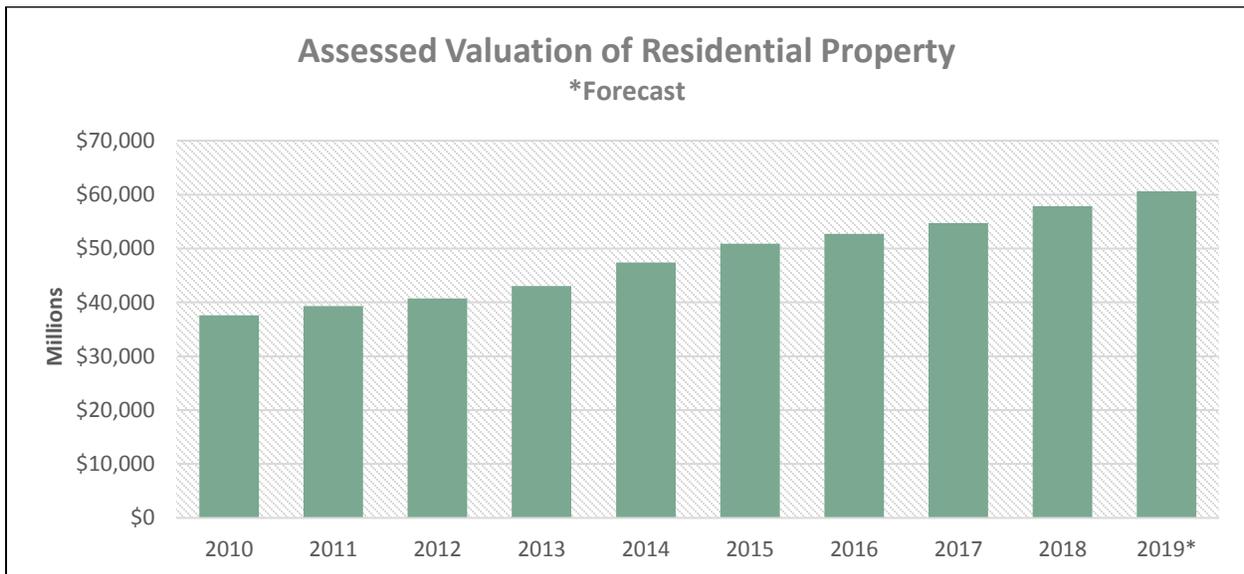
Source: Virginia Employment Commission, Quarterly Census of Employment and Wages, Second Quarter 2017. Analysis by Loudoun County Department of Economic Development.



ASSESSED VALUE AND TAX RATES

Assessed Valuation of Residential Real Property

The fair market value of single-family homes and condominiums in Loudoun (reported as of each January 1st) increased every year from 1993 through 2006, before declining for four consecutive years as construction activity declined and market prices dropped in the 2008-09 recession. Assessed value resumed increasing in 2011 and is expected to continue increasing into 2018. The active inventory of existing homes for sale increased substantially at the beginning of 2015 which dampened price appreciation and contributed to the small increase from 2015 to 2016. Price appreciation increased during 2017 coincident with a decline in the active inventory of homes for sale. The value of multi-family rental property grew steadily from 1994 through 2009. It declined in 2010 before resuming another period of growth in 2011.



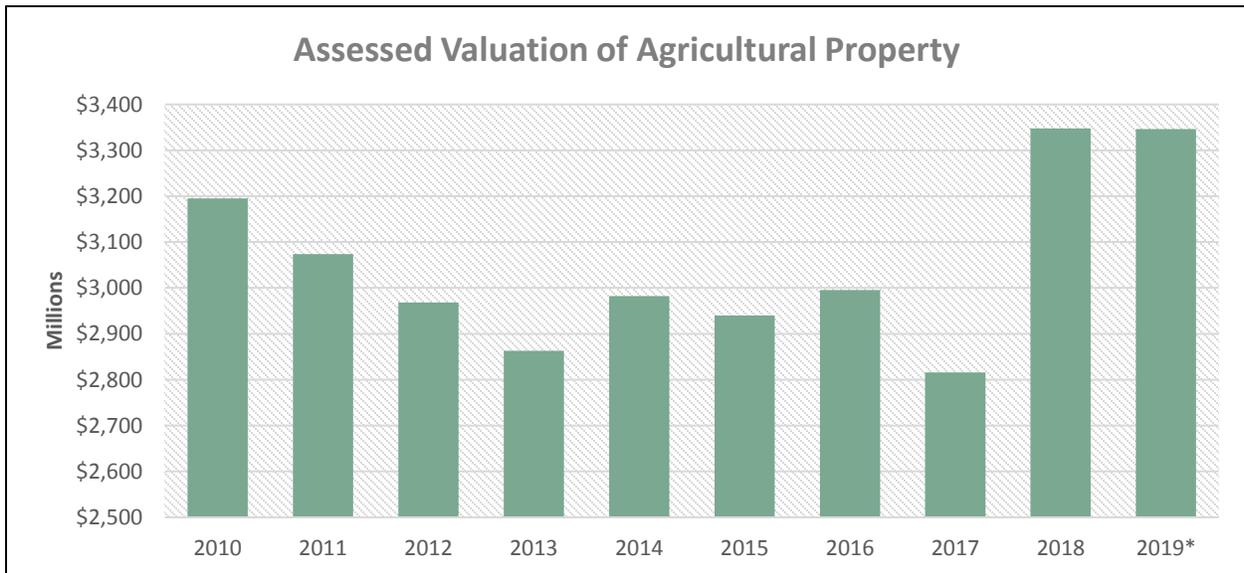
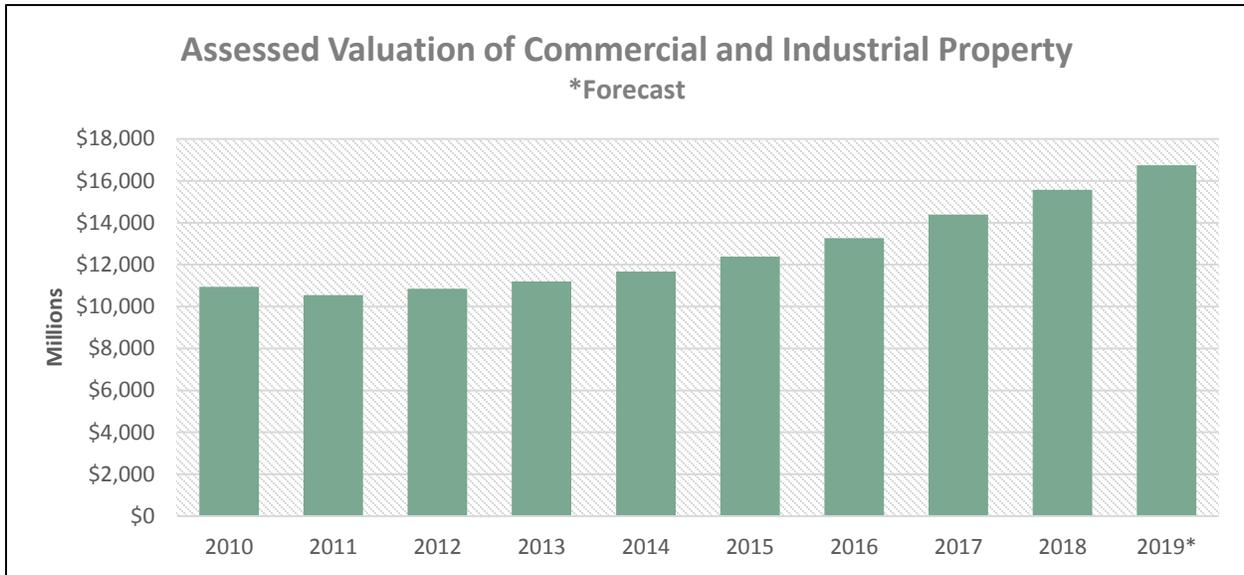
Source: Commissioner of the Revenue; Department of Management & Budget.



Assessed Value and Tax Rates

Assessed Valuation of Other Real Property

The fair market value of commercial and industrial property in Loudoun (reported as of each January 1st) declined in 2010 but has grown steadily since 2011 and is forecasted to increase during 2018, as indicated by the higher value on January 1, 2019 as compared to the 2018 value. Agricultural property fair market values experienced a sharp decline in 2009 and continued to decline through 2013. Fair market value has fluctuated from year to year after 2013. A portion of agricultural property is taxed on its use value (as agricultural, horticultural, or open space) rather than its fair market value.



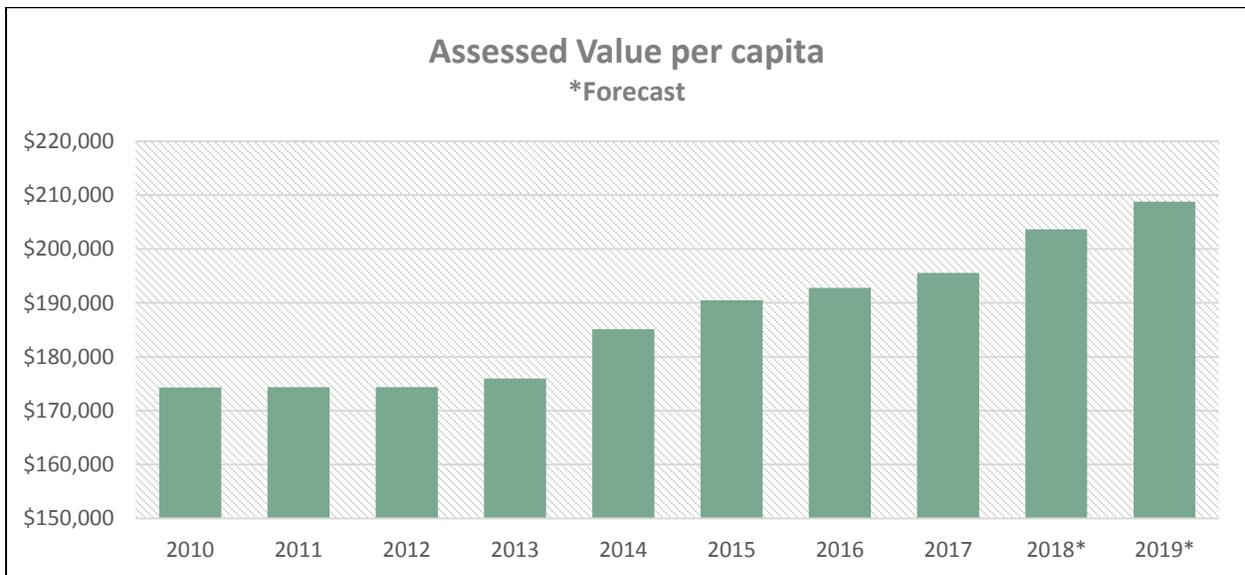
Source: Commissioner of the Revenue; Department of Management & Budget.



Assessed Value and Tax Rates

Assessed Value Per Capita

The assessed fair market value of real property per capita increased sharply in Loudoun from 2000 through 2006, reflecting a higher rate of growth in the County’s real property value than in its population. The ratio peaked at \$224,086 in 2006 but declined for several years thereafter coincident with the 2008-2009 nationwide economic recession. That recession was preceded by several years of excessive lending in real estate markets, the end of which caused property values to fall. The subsequent economic recovery was slow by historic standards which provided little stimulus to real estate valuations. Since 2010, the ratio has steadily increased at varying rates as real estate prices and construction activity have improved. The comparatively large increase from 2013 to 2014 coincided with significant appreciation in both residential and commercial property values. Annual property appreciation during 2014, 2015 and 2016 was more modest, and most of the increase in the assessed value per capita during these years was due to development of new buildings and parcel improvements. The rate of appreciation accelerated again in 2017.



Source: U.S. Census Bureau (2010); Commissioner of the Revenue; Department of Management & Budget.



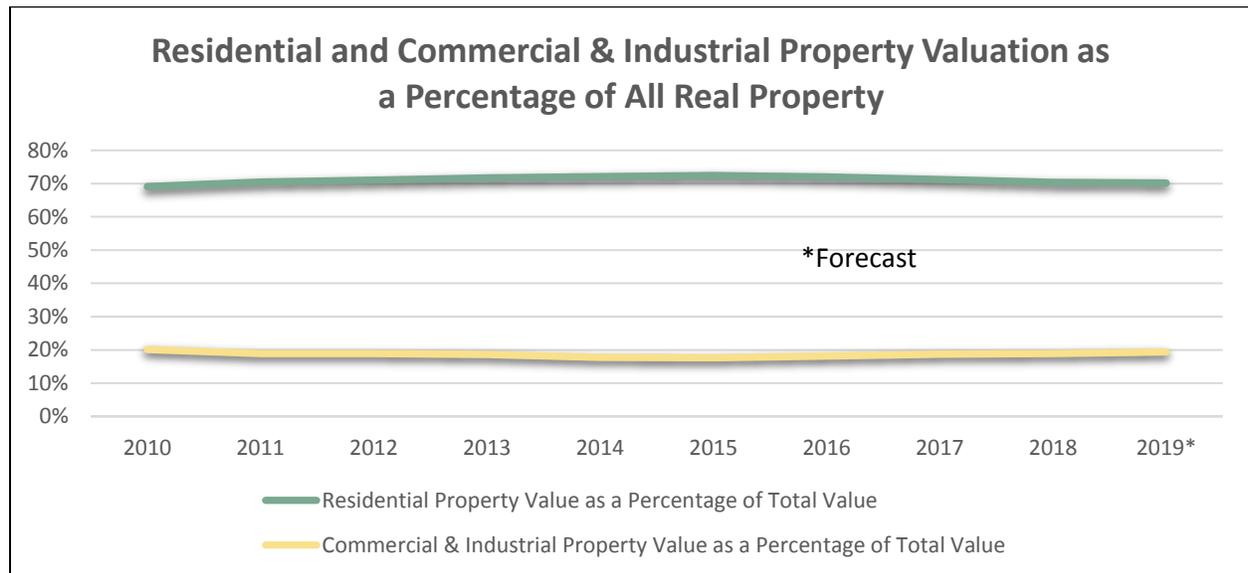
Assessed Value and Tax Rates

Residential and Business Property – Share of Real Property Valuation

From 2003 through 2006 rapidly rising residential property values caused the residential share of assessed property value to increase to 76 percent while the commercial and industrial share declined. This trend reversed in 2007, reflecting declines in residential valuation and construction while commercial and industrial development’s share reached a peak in 2009. The relative shares have roughly stabilized since 2011. (Not shown in the table are the shares of real property associated with multifamily apartments, agricultural property, and the real property of public service companies.)

Year	Residential Property Value as a % of Total	Commercial and Industrial Property Value as a % of Total
2010	69%	20%
2011	70%	19%
2012	71%	19%
2013	72%	19%
2014	72%	18%
2015	72%	18%
2016	72%	18%
2017	71%	19%
2018	70%	19%
2019*	70%	19%

*Forecast



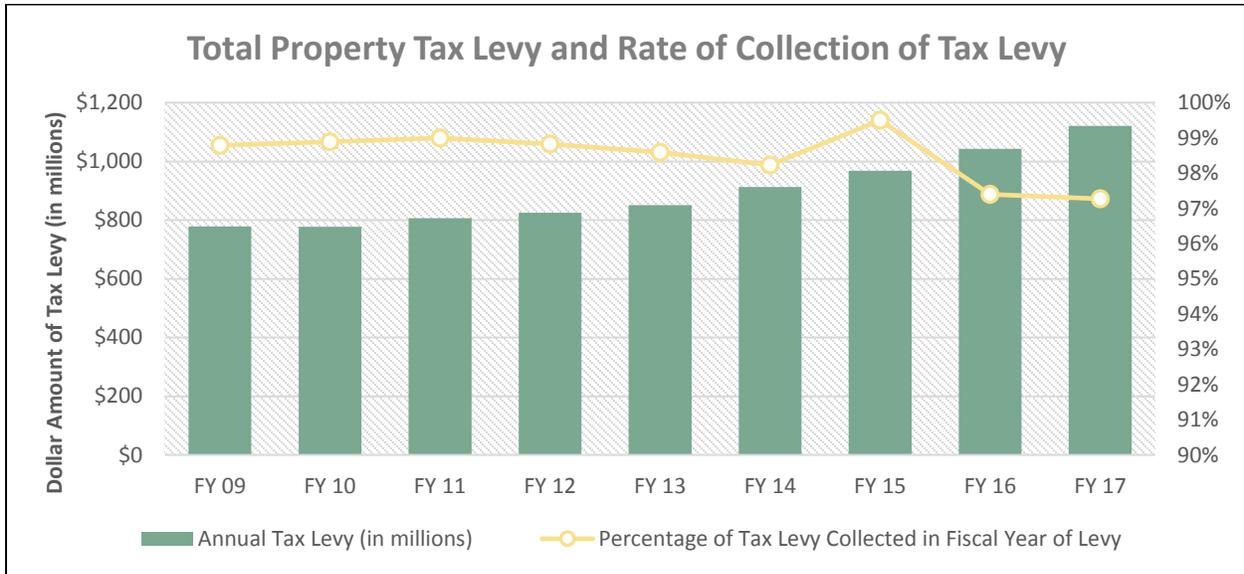
Source: Commissioner of the Revenue; Department of Management & Budget.



Assessed Value and Tax Rates

Property Tax Levy and Percentage of Tax Levy Collected

The general property tax levy, which includes real and tangible personal property, increased as the County has grown. The percentage of the tax levy actually collected within the fiscal year in which the levy occurs is also shown. This percentage averaged 98.8 percent in FY 2009 through FY 2015. The percentage is somewhat lower in FY 2016 and FY 2017 but most of the remaining levy that is not received in the year of the levy is eventually collected. Table I in the Comprehensive Annual Financial Report for FY 2017 shows the total collections to date for all fiscal years since 2008. For the years prior to FY 2017, the percentage of the annual levy collected as of the end of FY 2017 was greater than 99.9 percent for all years.



Source: Comprehensive Annual Financial Report for FY 2017, page 168.

Note: Both real property and personal property taxes are collected semiannually, with real property taxes due on December 5 and June 5. Personal property taxes are due on October 5 and May 5 (for residents) or June 5 (for businesses). The Collection Division of the Treasurer’s Office does not pursue actions on delinquencies until 60 days after the due date.



Assessed Value and Tax Rates

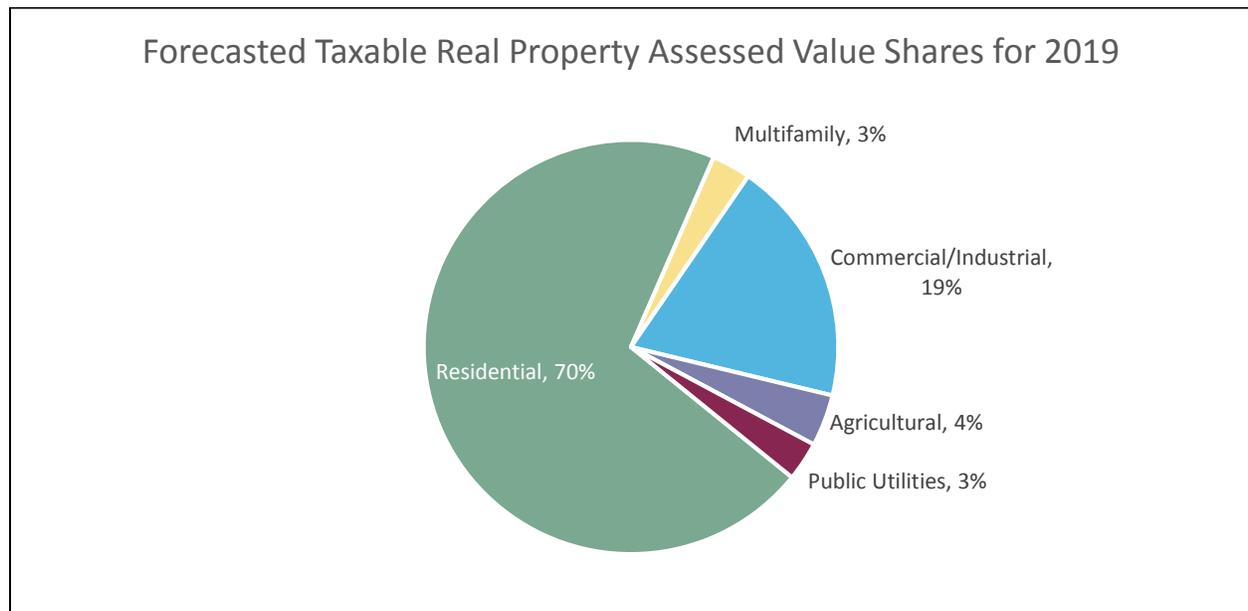
Real Property Assessed Values

There were large increases in taxable real property fair market values from 2002 through 2006, reaching a peak growth of 36 percent from January 1, 2005, to January 1, 2006. This increase was primarily the result of increased residential and commercial/industrial valuation. Residential valuation decreased from 2007 through 2010 but has increased since 2011. A decline in commercial/industrial property valuation occurred in 2010 and 2011 but began to increase again in 2012 and is now is expected to grow through 2018.

Taxable Real Property Assessed Values by Land Use Category for Loudoun County: January 1, 2008 – 2019

Year	Residential	Multifamily	Commercial & Industrial	Agricultural ¹	Public Utilities ²	Total
2008	44,319,772,669	1,472,169,580	11,362,447,600	4,794,833,700	1,114,070,600	63,063,294,149
2009	38,238,407,900	1,592,117,080	11,839,195,900	4,009,280,100	1,139,802,800	56,818,803,780
2010	37,617,284,300	1,400,033,500	10,945,844,400	3,195,328,500	1,282,383,327	54,440,874,027
2011	39,331,363,800	1,472,186,300	10,547,064,600	3,074,079,800	1,401,969,600	55,826,664,100
2012	40,725,314,300	1,613,832,400	10,852,024,600	2,968,638,600	1,195,855,000	57,355,664,900
2013	43,025,984,224	1,748,953,710	11,195,149,190	2,862,747,040	1,203,311,039	60,036,145,203
2014	47,381,707,530	1,994,025,180	11,678,790,160	2,982,086,580	1,685,264,157	65,721,873,607
2015	50,865,710,531	2,110,058,410	12,381,928,857	2,940,245,016	1,929,654,077	70,227,596,891
2016 ³	52,693,724,262	2,224,266,480	13,259,311,949	2,995,288,600	2,052,149,067	73,224,740,358
2017	54,727,757,100	2,503,722,560	14,384,398,993	2,815,696,720	2,379,943,893	76,811,519,266
2018	57,872,425,690	2,751,431,570	15,579,308,630	3,347,546,494	2,678,323,708	82,229,036,092
2019*	60,606,496,569	2,963,386,427	16,750,676,616	3,346,124,833	2,691,715,327	86,358,399,772

Source: Commissioner of the Revenue; Department of Management & Budget. *Forecast



¹ Agricultural values are fair market values, not the land use valuations upon which the tax levy is based.

² The State Corporation Commission provides valuations as of January 1st for public utility property in September of each year, which is after publication of the budget. For years 2014 and after, the value of public utility tangible personal property other than motor vehicles is included in the assessed value of public utility real property since the real property tax rate applies to both.

³ The January 1, 2016 valuations for the Commercial/Industrial and Public Utilities classes reflect the December 2015 sale of a former public utility property worth approximately \$290 million to a private, non-public utility owner. This sale caused the property to be re-classified from Public Utility to Commercial/Industrial effective January 1, 2016.



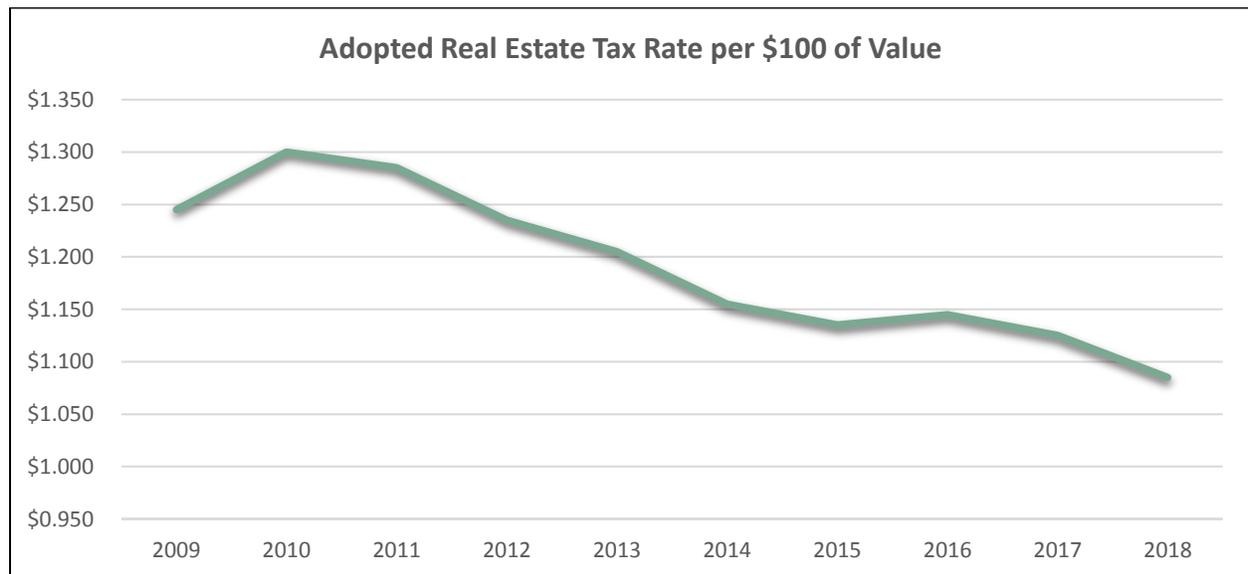
Assessed Value and Tax Rates

Real Estate, Personal Property, Machinery and Tools, and Heavy Construction Machinery Tax Rates

Tax rates for personal property, machinery and tools, and heavy construction machinery have remained stable for several years. The real estate tax rate has changed more frequently. The tax rates below are per \$100 of assessed value. Tax rates are set on a calendar year basis.

Calendar Year	Real Estate Tax Rate	Personal Property Tax Rate	Machinery & Tools Tax Rate	Heavy Equipment Tax Rate
2008	1.140	4.20	2.75	4.00
2009	1.245	4.20	2.75	4.00
2010	1.300	4.20	2.75	4.00
2011	1.285	4.20	2.75	4.00
2012	1.235	4.20	2.75	4.00
2013	1.205	4.20	2.75	4.00
2014	1.155	4.20	2.75	4.00
2015	1.135	4.20	2.75	4.00
2016	1.145	4.20	2.75	4.00
2017	1.125	4.20	2.75	4.00
2018	1.085	4.20	2.75	4.00

Note: The tax rate on the real estate and on non-motor vehicle personal property of public utilities is the same as the real estate tax rate. Public utility vehicles are taxed at the personal property tax rate.





REVENUES AND EXPENDITURES

Real Property Taxes

The FY 2019 budgeted real property tax revenue is four percent higher than the amount budgeted in FY 2018. The real property tax is the County’s largest revenue source. For FY 2019, the budgeted real property tax revenue comprises 56.1 percent of General Fund Revenue net of Other Financing Sources (i.e., transfers from other funds and use of prior-year fund balance). Budgeted real property tax revenue also represents 51.2 percent of the total County Government and Schools budgeted operating expenditures.



1

¹ The FY 2008 budget includes the Fire and Emergency Medical Services Tax District, which is supported by a levy on real property located within Loudoun County. The Board of Supervisors eliminated the Fire and Emergency Medical Services Tax District during the FY 2009 budget process and included it in the General Fund where it had been previously.



Revenues and Expenditures

Personal Property Taxes

The budgeted personal property tax revenue for FY 2019 is 18 percent higher than budgeted amount for FY 2018. The major contributors to the revenue increase include data center development, with the attendant increase in computer equipment, and higher motor vehicle values. The general personal property tax rate has remained at \$4.20 per \$100 of assessed value since 1988.



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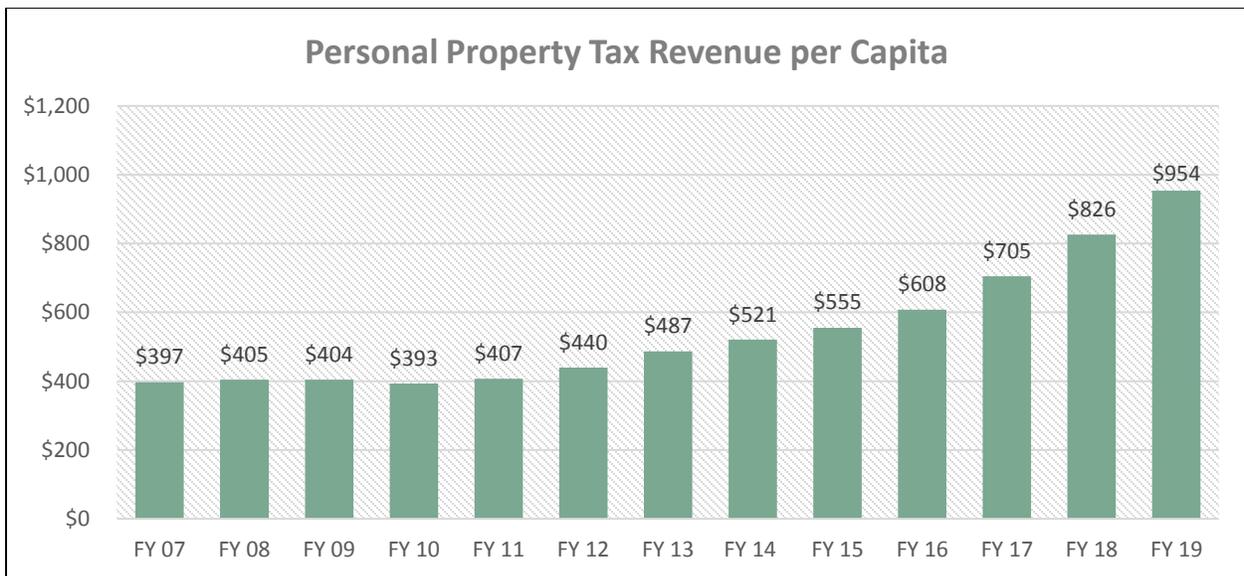
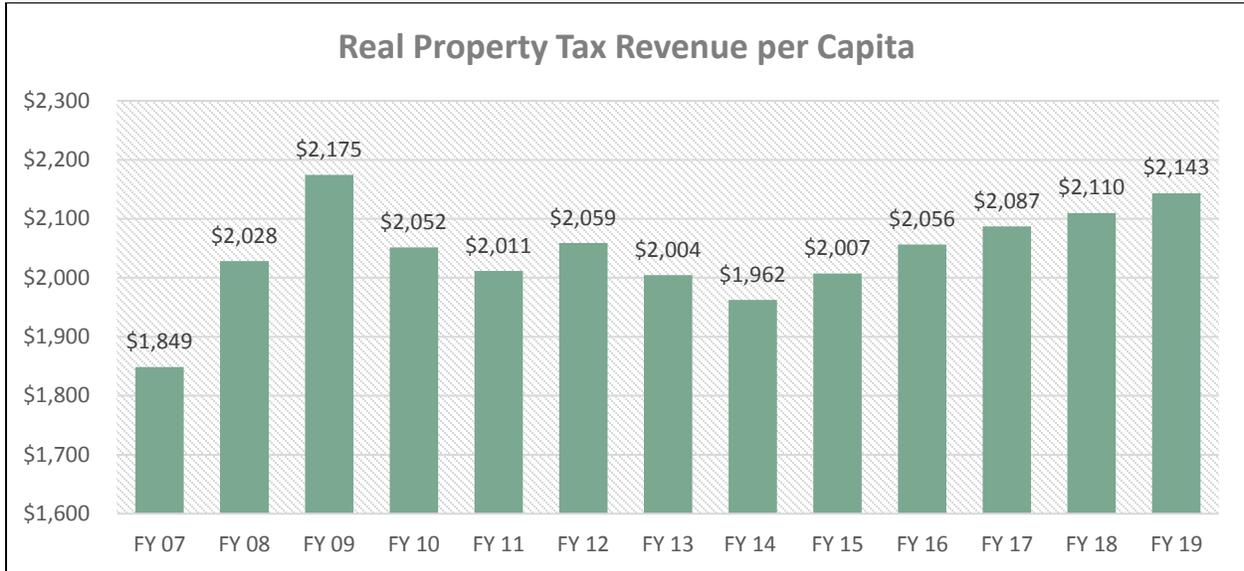
² The State began providing a partial reimbursement for the personal property tax on personal-use vehicles in 1999. The Personal Property Tax Reduction Act reduced the bill on the first \$20,000 of assessed value per residential vehicle by an increasing amount through 2001, when the reimbursement rate was capped at 70%. The County continues to collect 100% of the personal property tax on the assessed value of a vehicle that is above \$20,000. Through calendar year 2005, the State reimbursed the County for the revenue lost by the 70 percent personal property tax reduction. The 2004 State General Assembly set a fixed dollar limit on the total reimbursement provided to localities beginning in 2006. The annual reimbursement received by Loudoun is \$48,071,700.



Revenues and Expenditures

Personal Property and Real Property Taxes Per Capita

Budgeted real property tax revenue per capita in FY 2019 is two percent above the FY 2018 value. Budgeted personal property tax revenue per capita increased by \$128, or 16 percent, from FY 2018. The personal property tax amount includes the state’s partial reimbursement of tax revenues for the first \$20,000 of assessed value of a personal-use vehicle. The State provides \$48,071,700 annually in vehicle personnel property tax relief to the County.

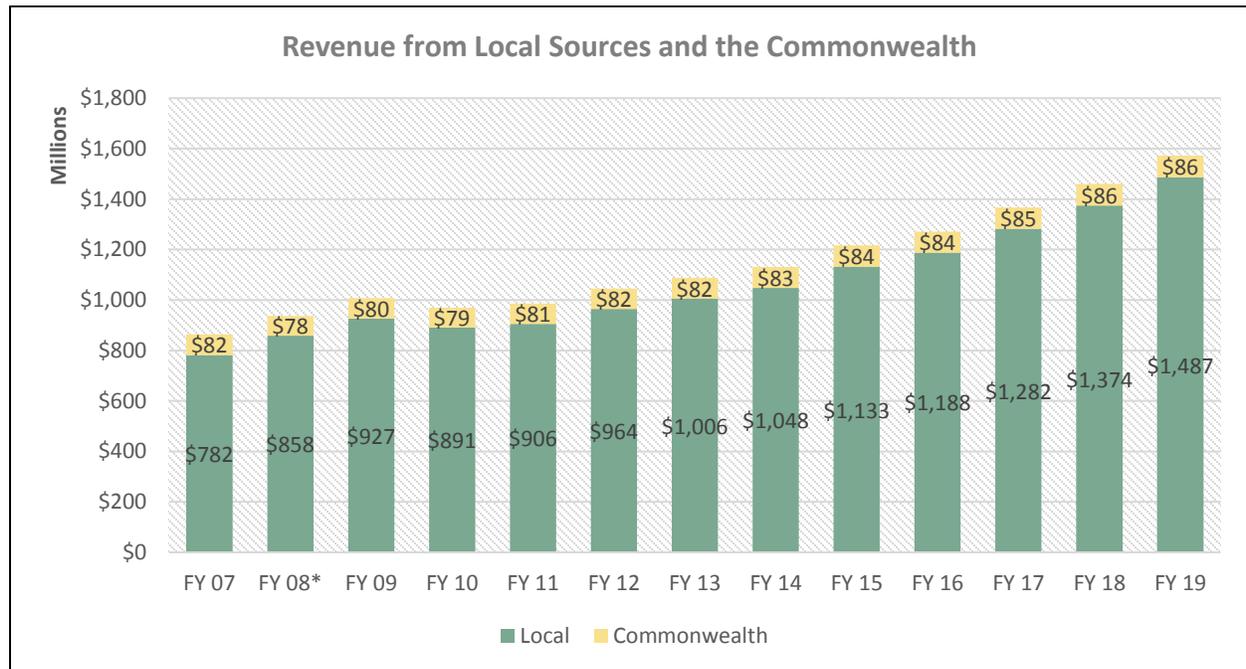




Revenues and Expenditures

Local and Commonwealth Revenues

Budgeted local revenue increases by 8.2 percent in FY 2019. Revenue from the Commonwealth decreases by 0.4 percent in FY 2019, from \$86.4 million to \$86.0 million. Commonwealth revenue includes the State’s property tax reimbursement to Loudoun County of \$48,071,700 annually for tax revenue lost due to the State’s reduction in personal property tax for the first \$20,000 of assessed value of a personal-use vehicle. This represents the conversion of a local revenue source to a Commonwealth revenue source. The budgeted Commonwealth revenue for FY 2019, exclusive of the State’s personal property tax reimbursement, decreased by one percent compared with FY 2018. This decrease is largely attributable to the reclassification of block grant funding in FY 2019 to Federal revenue rather than Commonwealth revenue. Commonwealth revenue in the County’s General Fund does not include state funds provided directly to the Loudoun County Public School System.



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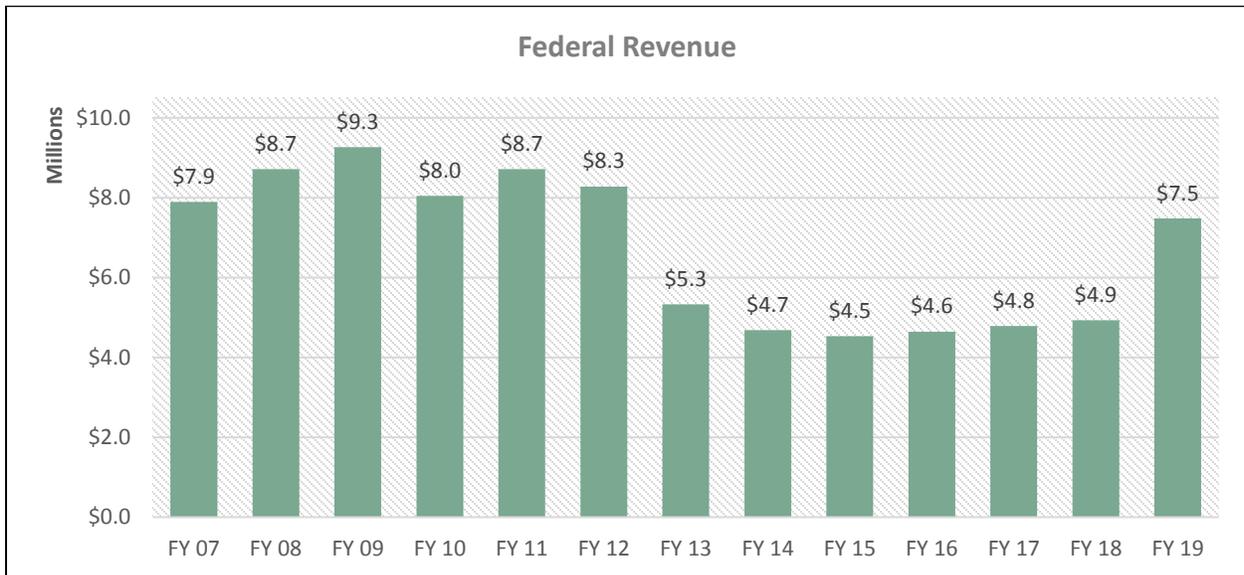
³ The FY 2008 budget includes the Fire and Emergency Medical Services Tax District which was supported by a levy on real property located within Loudoun County. The Board of Supervisors eliminated the Fire and Emergency Medical Services Tax District during the FY 2009 budget process and included it in the General Fund where it had been previously.



Revenues and Expenditures

Federal Revenue

Federal revenue in the General Fund⁴, comprised mostly of program specific grants in a variety of different categories, increased significantly from FY 2005 through FY 2009. Since 2009 budgeted Federal revenue has generally decreased through FY 2015, with the exception of FY 2011. In FY 2019, budgeted Federal revenue exceeds the prior year budgeted amount by 52 percent. However, this approximate \$2.5 million increase over the FY 2018 budgeted amount is largely the result of re-categorizing block grant revenue from Commonwealth to Federal revenue. Budgeted federal revenues per capita reached a peak of \$30 in FY 2009, declining to \$12 in FY 2015 and remaining at this level until reaching \$18 in FY 2019. Federal revenues per capita in FY 2019 is still 40 percent below the FY 2009 peak value.



⁴ Loudoun receives other federal funds that are not administered through the County’s General Fund. For example, federal money for low-income rental assistance is administered through the Rental Assistance Program Fund. Federal revenue in the County’s General Fund also excludes Federal funds that go directly to the Loudoun County Public School System.



Revenues and Expenditures

General Fund Revenue Sources

The table below shows budgeted General Fund revenues by source for the fiscal years 2001 through 2019. The revenues shown exclude transfers to the General Fund from other funds and use of prior-year fund balance. Prior to 2001, Local Revenue comprised 92 percent of the total General Fund, while Commonwealth Revenue and Federal Revenue accounted for 6.5 percent and 1.5 percent, respectively. Beginning with the FY 2001 budget the state’s annual reimbursement to Loudoun for the planned phase out of the personal property tax on personal-use motor vehicles is included in Commonwealth Revenue. In the FY 2003 budget, the increase in the personal property tax reimbursement caused the Local Revenue share to decline to 86 percent while the Commonwealth share increased to nearly 13 percent. Thereafter, the State imposed a limit on the phase out of the vehicle personal property tax, capping the annual reimbursement to Loudoun at \$48,070,701 in 2006 and beyond. As a result, the Commonwealth’s share of the County’s steadily increasing General Fund revenue has declined over time, amounting to 5.4 percent in FY 2019. Moreover, the State’s fixed-dollar reimbursement for the vehicle personal property tax caused Loudoun vehicle owners to realize a smaller percentage discount on their vehicle tax bill (39 percent in 2018) than is realized by residents in other jurisdictions with slower rates of growth. Federal revenue has consistently been the smallest portion of General Fund revenue. Although the dollar amount of Federal revenue has varied over time, its share of the total has generally declined and represents only one-half percent of the County’s General Fund in FY 2019.

General Fund Revenue Sources⁵

Fiscal Year	Local Revenue	Commonwealth Revenue ⁶	Federal Revenue
FY 2001	\$328,631,345	\$43,840,358	\$4,543,149
FY 2002	404,868,902	52,813,724	4,173,591
FY 2003	448,585,015	65,992,809	4,187,092
FY 2004	510,126,309	71,728,899	4,964,401
FY 2005	593,511,360	69,870,335	6,091,469
FY 2006	702,137,875	62,465,079	7,262,132
FY 2007	781,949,137	82,299,765	7,891,511
FY 2008	858,286,689	78,313,164	8,717,268
FY 2009	926,876,444	80,374,319	9,265,806
FY 2010	891,319,419	78,765,084	8,044,202
FY 2011	905,929,802	80,709,202	8,713,442
FY 2012	964,225,764	81,725,969	8,278,765
FY 2013	1,005,883,021	82,064,459	5,330,088
FY 2014	1,047,679,643	82,793,077	4,686,657
FY 2015	1,132,579,963	83,967,403	4,530,629
FY 2016	1,187,852,759	83,669,453	4,646,992
FY 2017	1,281,922,204	84,555,679	4,787,920
FY 2018	1,373,934,668	86,382,044	4,926,815
FY 2019	1,487,094,727	85,997,323	7,477,374

⁵ The FY 2008 budget includes the Fire and Emergency Medical Services Tax District which was supported by a levy on real property located within Loudoun County. The Board of Supervisors eliminated the fire and Emergency Medical Services Tax District during the FY 2009 budget process and included it in the General fund where it had been previously.

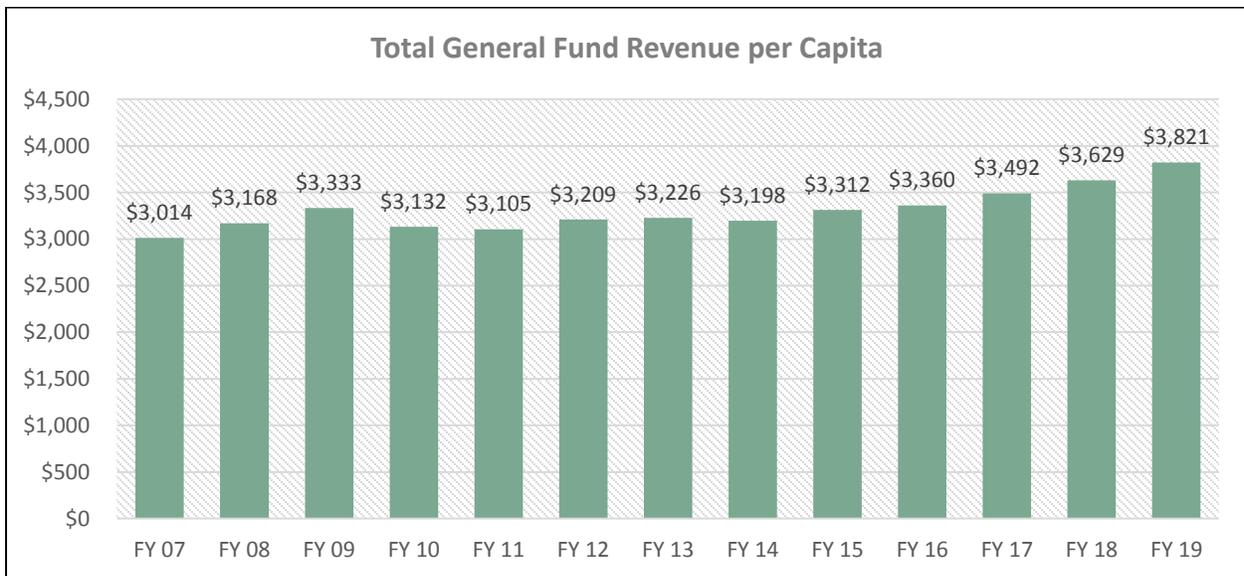
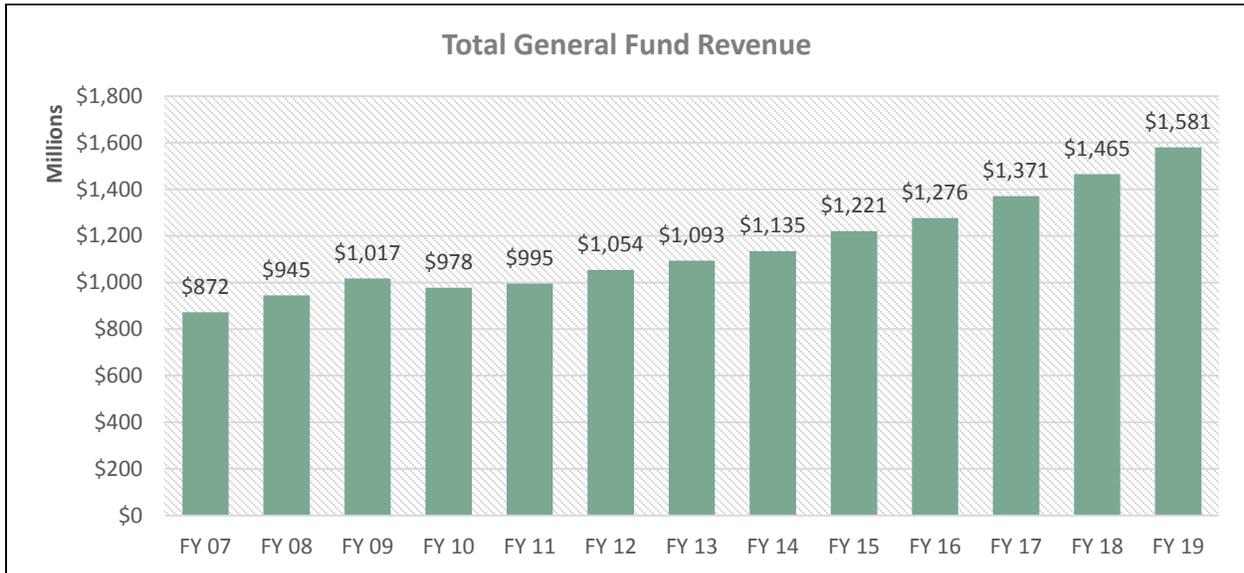
⁶ Beginning in FY 2001, budgeted Commonwealth revenue includes the funds from the Commonwealth of Virginia to reimburse the County for revenue lost due to the State’s reduction in personal property tax for the first \$20,000 of assessed value on personal-use vehicles.



Revenues and Expenditures

Total General Fund Revenue

Budgeted FY 2019 General Fund revenue is 7.9 percent above the FY 2018 Budget.



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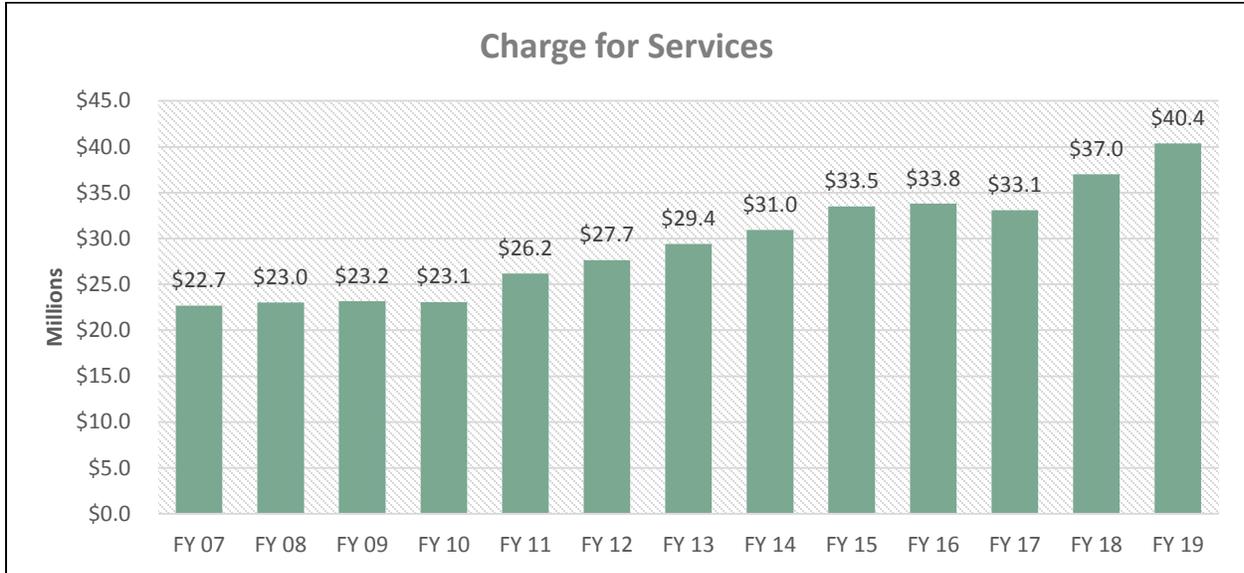
⁷ Prior-year values of budgeted revenue per capita for years not coinciding with the decennial census are subject to change as estimates of the County’s population in those years are updated.



Revenues and Expenditures

Charges for Services and Permits and Privilege Fees

Budgeted revenues shown on this page result from fees charged for services provided (e.g., after school activities, commuter bus service, solid waste disposal) and from licenses and permits required for certain activities (e.g., land development, dog licenses, building permits, etc.). FY 2019 revenue from charges for services is \$3.4 million higher than in FY 2018, principally due to increased fee revenue from Parks, Recreation, and Community Services but also reflecting higher landfill fee revenue and library revenue from passport processing. Budgeted revenue from permits and privilege fees is marginally higher in FY 2019 than in FY 2018. Budgeted revenue from building permits in FY 2019, the largest category in dollar value, is \$1.0 million above the budgeted FY 2018 level.





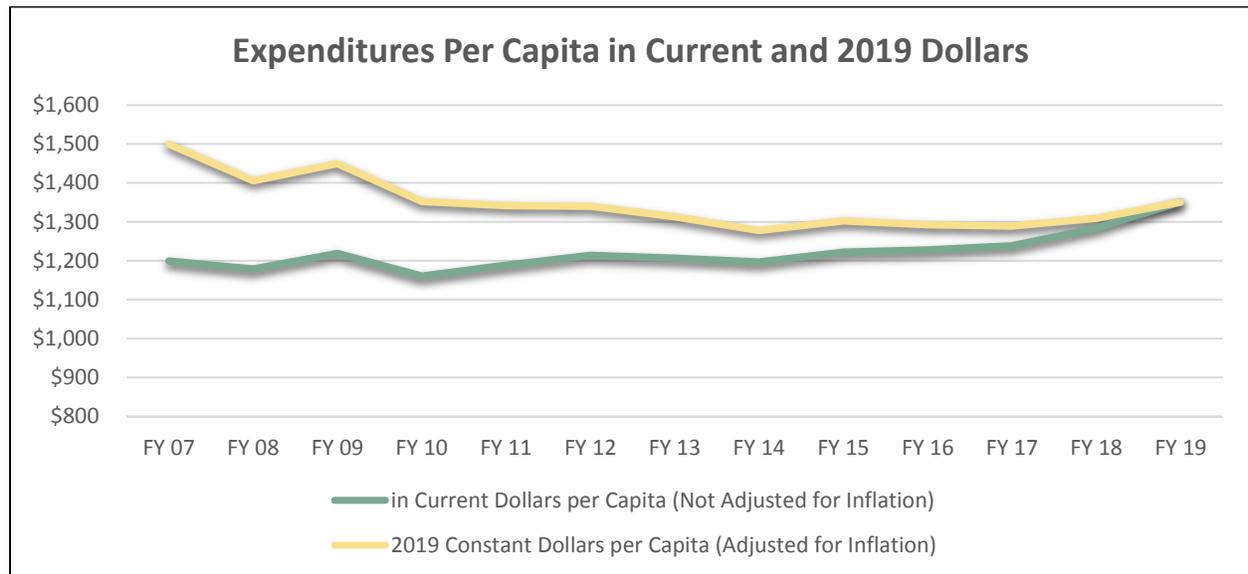
Revenues and Expenditures

General Government Operating Expenditures Per Capita

Budgeted per capita spending for general county government operations (which excludes school spending) in constant dollars in FY 2019 is estimated to be 3.2 percent higher than its level in FY 2017, but it is still nearly 10 percent less than its previous peak level in FY 2007.

General Government Expenditures per Capita

Fiscal Year	Current Dollars	2019 Constant Dollars	Percent Change
2007	\$1,199	\$1,499	4.31%
2008	1,179	1,405	-6.30%
2009	1,219	1,450	3.18%
2010	1,161	1,352	-6.72%
2011	1,188	1,341	-0.82%
2012	1,214	1,340	-0.11%
2013	1,207	1,313	-2.03%
2014	1,197	1,278	-2.66%
2015	1,222	1,302	1.92%
2016	1,228	1,293	-0.72%
2017	1,239	1,289	-0.30%
2018	1,283	1,309	1.58%
2019	1,351	1,351	3.18%

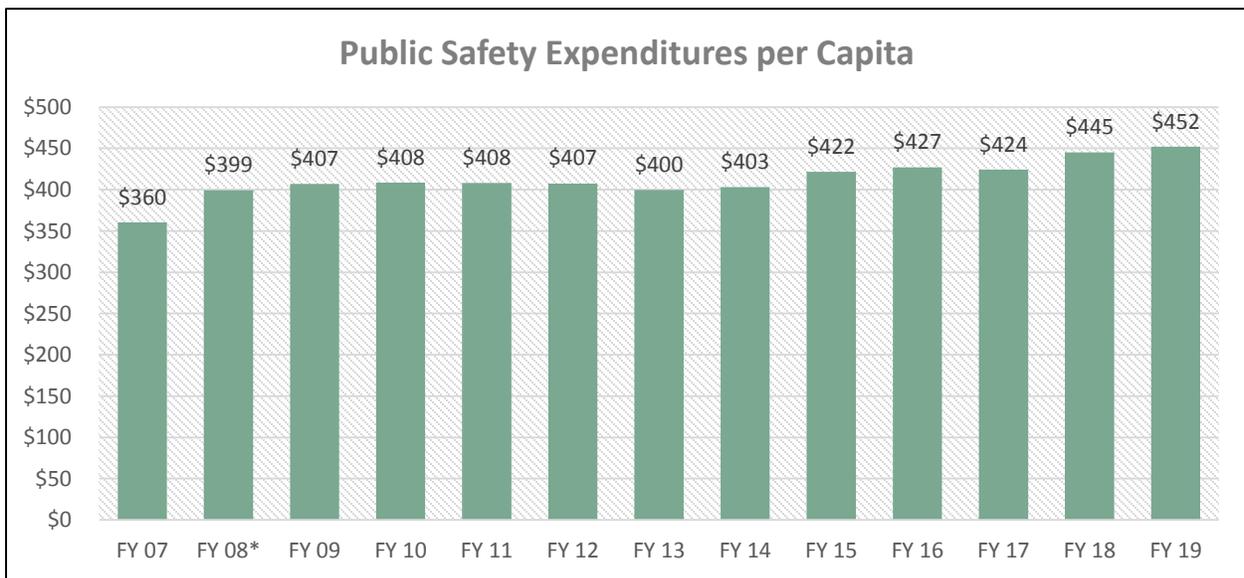
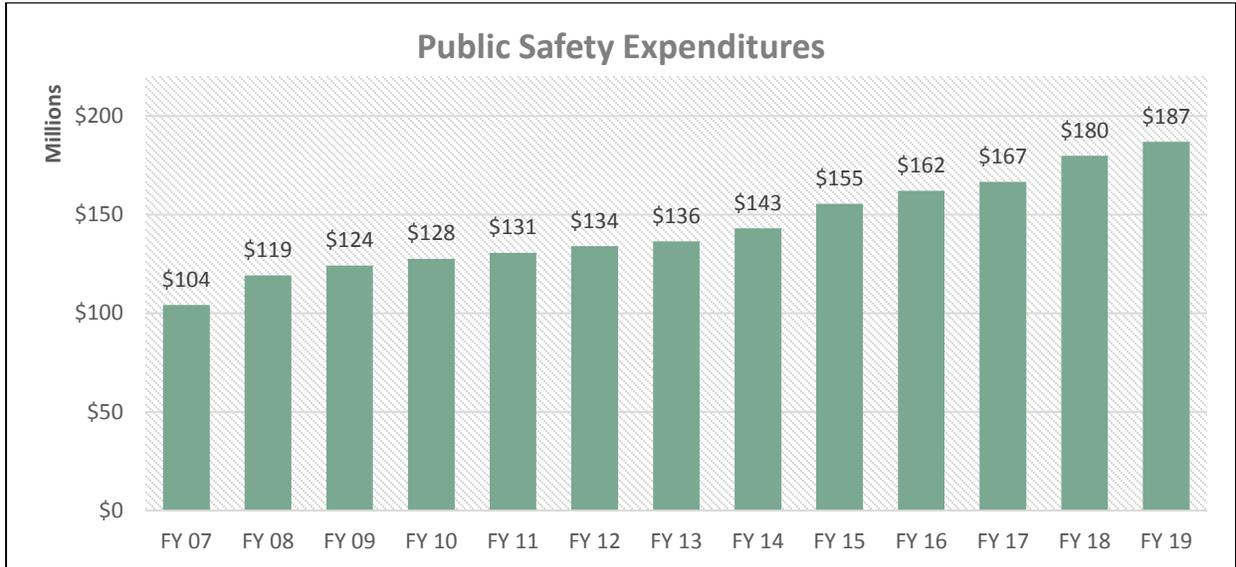




Revenues and Expenditures

Public Safety Expenditures

Budgeted expenditures for public safety are four percent higher in FY 2019 compared to the amount budgeted in FY 2018. The departmental expenditures for public safety reflect the following changes in FY 2019: Sheriff’s Office 0.6 percent higher, Juvenile Court Services Unit increased by five percent, Community Corrections increased by 11.6 percent, Animal Services 4.7 percent higher and Fire, Rescue and Emergency Management increased by 7.3 percent.



⁸ The FY 2008 budget includes the Fire and Emergency Medical Services Tax District which was supported by a levy on real property located within Loudoun County. The Board of Supervisors eliminated the Fire and Emergency Medical Services Tax District during the FY 2009 budget process and included it in the General Fund where it had been previously.

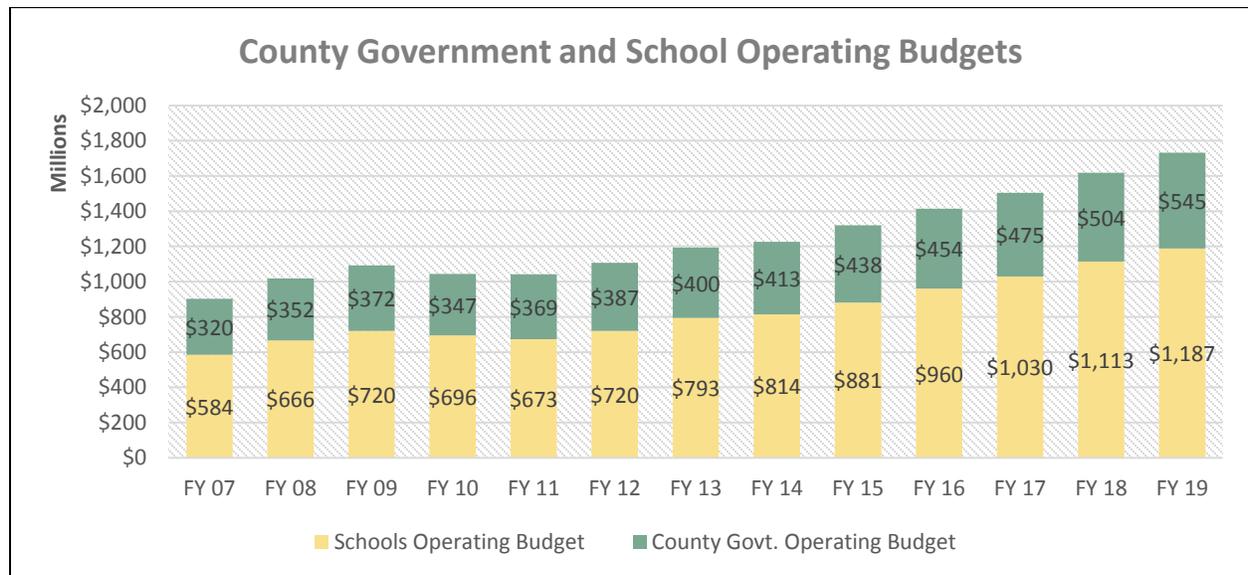


Revenues and Expenditures

County Government and Schools Operating Budget

The county government’s budgeted operating expenditures for FY 2019 is eight percent above the budgeted FY 2018 amount, while the school system’s operating budget increased by 6.6 percent. For the period from FY 2007 through FY 2019, the county government’s operating budget increased at an average annual rate of 5.1 percent while the school system’s operating budget increased at an average annual rate of 6.4 percent. The high growth rate in the County’s school age population (see next page) has contributed to the school system’s increased expenditures.

Fiscal Year	County Government	School Operating ⁹	Total
2007	\$319,536,615	\$584,064,278	\$903,600,893
2008	351,761,297	666,463,614	1,018,224,911
2009	371,663,510	719,984,402	1,091,647,912
2010	347,469,536	695,597,732	1,043,067,268
2011	369,029,698	673,018,656	1,042,048,354
2012	387,299,465	720,004,559	1,107,304,024
2013	399,790,354	793,422,308	1,193,212,662
2014	412,823,405	813,746,163	1,226,569,568
2015	438,354,522	881,384,233	1,319,738,755
2016	454,436,027	960,191,449	1,414,627,476
2017	475,141,195	1,029,895,621	1,505,036,816
2018	504,249,150	1,113,478,387	1,617,727,537
2019	544,620,325	1,187,317,681	1,731,938,006



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⁹ Revised from values published in prior years to exclude Grant Fund expenditures and Lease/Purchase Fund expenditures.

¹⁰ For FY 2002-2008 the general government expenditures include transfers to the Self Insurance Fund, Public Safety Communications Fund, the Federal Foster Care Reimbursement Fund, the Fire/Emergency Medical Services Tax



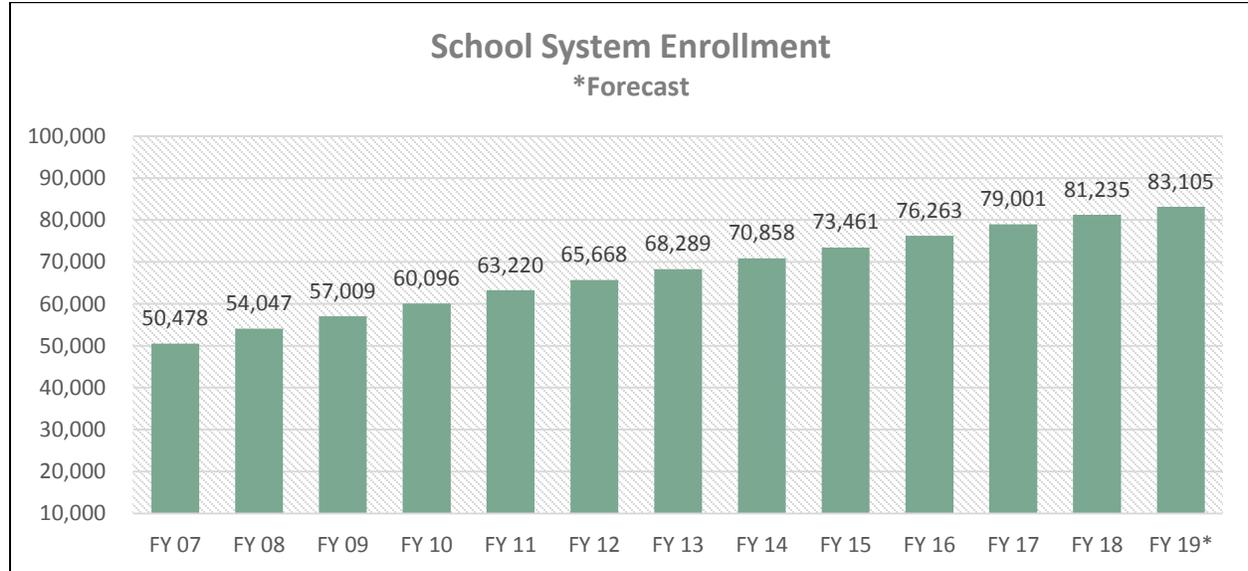
Revenues and Expenditures

Loudoun County School System Enrollment

Public school enrollment has increased steadily, but the rate of growth is moderating from the rapid rates of the past decade. School enrollment is projected to increase 2.3 percent in FY 2019, following a 2.8 percent increase in FY 2018. The projected rate of school enrollment growth in FY 2019 is similar to the County’s 2019 projected population growth rate of 2.4 percent. School enrollment figures are reported as of September 30th of the fiscal year (e.g., September 30, 2017 for FY 2018).

School System Enrollment

Fiscal Year	Enrollment	% Change
FY 2007	50,478	6.6%
FY 2008	54,047	7.1%
FY 2009	57,009	5.5%
FY 2010	60,096	5.4%
FY 2011	63,220	5.2%
FY 2012	65,668	3.9%
FY 2013	68,289	4.0%
FY 2014	70,858	3.8%
FY 2015	73,461	3.7%
FY 2016	76,263	3.8%
FY 2017	79,001	3.6%
FY 2018	81,235	2.8%
FY 2019*	83,105	2.3%



Source: Loudoun School Board FY 2019 – FY 2024 Adopted Capital Improvement Program

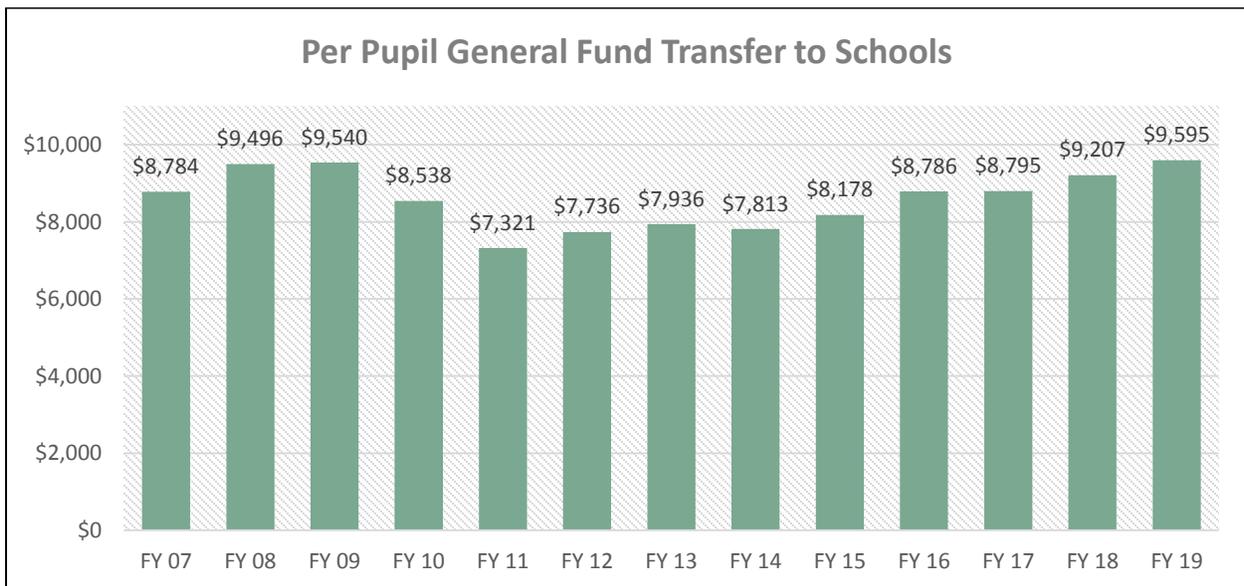
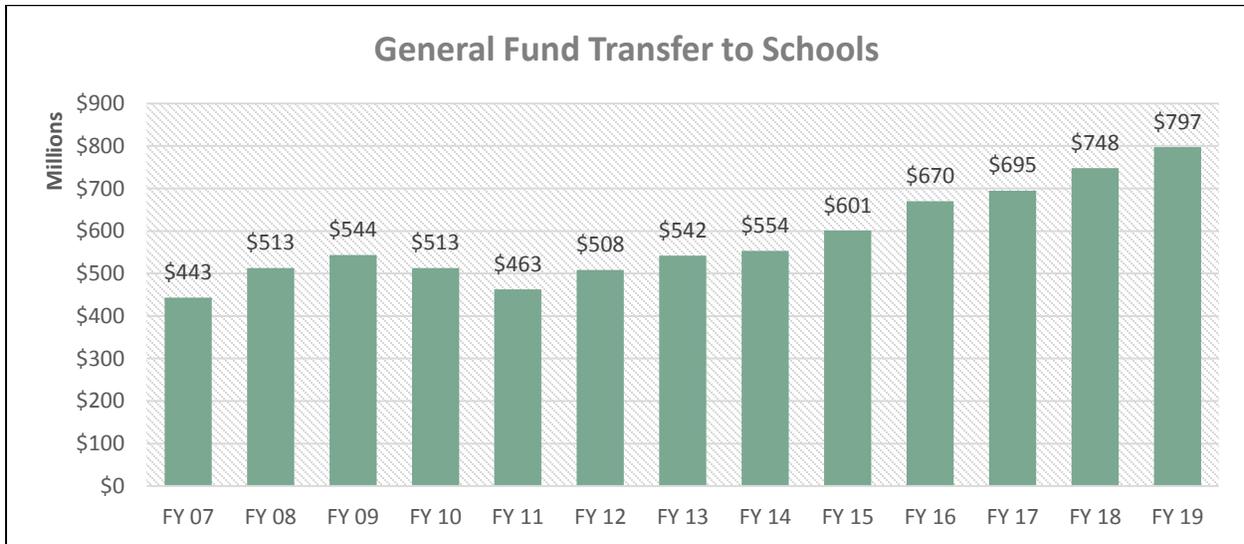
District, the Rental Assistance Program Fund (Housing Choice Voucher) and the Office of Capital Construction (now part of Transportation and Capital Infrastructure).



Revenues and Expenditures

General Fund Transfer to Schools

General fund transfers to the public school system have generally increased over time in order to keep pace with the continuing growth in school enrollment¹¹. The transfers increased every year from FY 1994 through FY 2009, before experiencing two consecutive years of decline as the County dealt with the impacts of the 2008-09 recession. Since FY 2011, the annual transfer has increased and will increase again by 6.6 percent in FY 2019. School enrollment in FY 2019 is expected to be 65 percent higher than it was in FY 2007. The general fund transfer per pupil also increased steadily from FY 1995 through FY 2009 before decreasing for two consecutive years. In FY 2019 the transfer per pupil will increase by 4.2 percent.



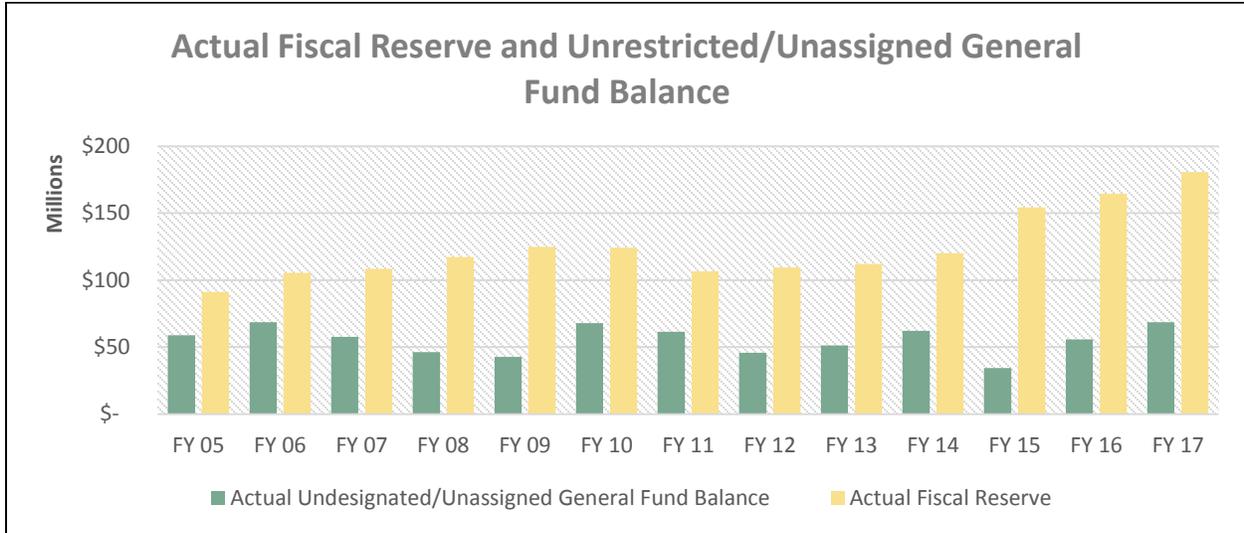
¹¹ The annual transfer amounts for FY 2009 and subsequent years include funds slated to cover Other Post-Retirement Employee Benefits (OPEB).



Revenues and Expenditures

Actual Unrestricted/Unassigned General Fund Balance

Unrestricted/unassigned General Fund balance are unspent funds in the General Fund at the end of the fiscal year that are not reserved or designated for a specific purpose by the Board of Supervisors. In FY 1994, the Board established the County’s fiscal reserve and adopted a policy that the reserve (which is a portion of the Fund Balance designated as “Committed”) will always be maintained at 10% of operating revenues in the General Fund. (Operating revenue for the General Fund excludes one-time revenue from the sale of County assets, if any, during a fiscal year. Operating revenue for a fiscal year appears as Total Revenue in the General category in Exhibit V of the Comprehensive Annual Financial Report for that year.)



Source: Comprehensive Annual Financial Reports. See Note XX in “Notes to Financial Statements.”



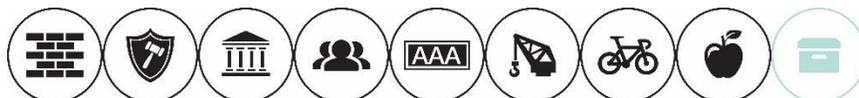


Glossary and Index

FY 2019 Adopted Budget

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GLOSSARY OF TERMS

501(c)3	Exempt tax status afforded to nonprofit organizations meeting certain criteria.
Accrual Basis of Accounting	A method of accounting that recognizes the financial effect of transactions, events, and interfund activities when they occur, regardless of the timing of related cash flows.
Actual(s)	Revenues and expenditures that occur in a prior fiscal year. Actuals differ from budgeted figures in that they represent the real disbursements and/or collections that take place subsequent to budget adoption.
Adjusted Gross Income	Adjusted Gross Income is the key before-tax definition of income used by the IRS to compute individual income tax liabilities and is defined as: "all income that is received in the form of money, property, and services and that is not explicitly exempt by law."
Adopted Budget	A plan of financial operations approved by the Board of Supervisors highlighting major changes made to the County Administrator's Proposed Budget. The Adopted Budget reflects approved tax rates and estimates of revenues, expenditures, transfers and departmental goals, objectives, and performance/workload indicators. This document is commonly referred to as the Adopted Budget.
Annual Budget	An itemized listing of the amount of all estimated support and revenue which an organization anticipates receiving, along with a listing of all estimated costs and expenses that will be incurred in the operation of the organization over one fiscal year.
Appropriation	A legal authorization granted by the Board of Supervisors to a specified organization, such as a unit of the County government or an affiliated regional organization, to make expenditures and to incur obligations for specific purposes. An appropriation is limited in dollar amount and as to when it may be spent, usually expiring at the end of the fiscal year.
Appropriation Resolution	A legally binding document prepared by the Department of Management and Budget which delineates by fund and department all expenditures and revenues adopted by the Board of Supervisors which are reflected in the Adopted Budget.
Assess	To place a value on property for tax purposes.
Assessed Valuation	The appraised value of property for purposes of property taxation. The assigned valuation covers real and personal property at 100 percent valuation.
Assessment	A charge of money collected by the government from people or businesses for public use.
Asset	Owned resources, possibly held by Loudoun County, which have a monetary value.
Audit	A formal examination of an organization's or individual's accounts or financial situation.
Basis Point	Equal to 1/100 of one percent. For example, if interest rates rise from 6.50 percent to 6.75 percent, the difference is referred to as an increase of 25 basis points.
Balanced Budget	A financial plan in which total expenditures equal total revenue and/or fund balance.
Base Budget	The cost of continuing existing levels of service in the upcoming budget year.
Benchmark	A factor or standard used to assess the effectiveness of a service or program in comparison with other organizations or jurisdictions.



Glossary of Terms

Bond	A written promise to pay a specified sum of money (called the principal) at a specified date in the future, together with periodic interest at a specified rate. In the budget document, these payments are identified as debt service. Bonds may be used as an alternative to tax receipts to secure revenue for long-term capital improvements. County debt, to which the full faith and credit of the County is pledged, is approved by voter referendum. The State Constitution mandates taxes on real property sufficient to pay the principal and interest of such bonds. The majority of bonds issued for County and School construction projects are known as general obligation bonds.
Bond Rating	The rating of bonds as a statement of a locality's economic, financial, and managerial condition. The bond rating represents the business community's assessment of the investment quality of a local government.
Budget	A specific plan which identifies a plan of operations for the fiscal year, states the expenditures required to meet that plan of operations, and identifies the revenue necessary to finance the plan. The annual County budget is established by the Board of Supervisors' Appropriation Resolution.
Budget Calendar	Schedule of key dates which a government follows in the preparation and adoption of the budget.
Business, Professional, and Occupational License (BPOL)	Refers to the license tax that is levied upon the privilege of doing business or engaging in a profession, trade, or occupation in the County.
Capital Asset Replacement Fund	A fund established to ensure a consistent means of financing and planning for Countywide major maintenance efforts. This fund provides a mechanism for the replacement and rehabilitation of major components of the School and County physical plant including structural, mechanical, electrical, plumbing and site-related efforts.
Capital Expenditures	Expenditures on all fixed assets with a value greater than \$5,000 and an expected life of 3 years or more.
Capital Facilities	Fixed assets, primarily buildings, acquired or constructed by the County.
Capital Improvement Program	The County's plan for future capital project expenditures. The six-year plan covers public facilities, resulting in the construction or acquisition of fixed assets, primarily buildings, but also including parks, land, landfills, etc.
Capital Outlay	Expenditures for items of a substantial nature that are expected to have a useful life of more than one year. Examples include personal computers, vehicles, radios, and furniture.
Carryover Funds	Unexpended funds from the previous fiscal year which may be used to make payments in the current fiscal year. This is also referred to as the beginning fund balance.
Children's Services Act for At-Risk Youth (CSA)	This is a joint project of the Departments of Family Services; Mental Health, Substance Abuse, and Developmental Services; Management and Budget; Finance and Procurement; Juvenile Courts; the School System and community service providers and private citizens. CSA is funded jointly by the State and the County. The project goal is to maintain, strengthen and reunify at-risk youth and their families.
Code of Virginia	The titles, chapters, articles, and sections of this Code contain the laws of the State.
Codified Ordinance	Regulation related to a specific code, such as the Code of the Commonwealth of Virginia.



Glossary of Terms

Comprehensive Annual Financial Report (CAFR)	This official annual report, prepared by the Department of Finance, presents the status of the County’s finances in a standardized format. The CAFR is organized by fund and contains two basic types of information: (1) a balance sheet that compares assets with liabilities and fund balance, and (2) an operating statement that compares revenues and expenditures.
Constituent	A resident in an electoral district.
Constitutional Officers	Officers or agencies directed by elected officials (Clerk of the Circuit Court, Commissioner of the Revenue, Commonwealth's Attorney, Sheriff, and Treasurer) whose positions are established by the Constitution of the Commonwealth of Virginia or its statutes.
Contractual Services	Services rendered to a government by private firms, individuals, or other governmental agencies.
County Seat	An administrative center of a community. Leesburg is the County Seat of Loudoun County.
County Zoning Map	The unincorporated areas of Loudoun County are divided into districts indicated on the Zoning Map. It is the final authority as to the current zoning status of land and water areas, buildings, and other structures in the County.
County Zoning Ordinance	This zoning ordinance was adopted by the County in conformance with the provisions of Title 15.1, Chapter 11, Article 8, of the Code of the Commonwealth of Virginia. Its purpose is to promote the health, safety, and general welfare of the public. The zoning ordinance is a means of controlling land use. For example, zoning ordinances can help to prevent traffic congestion, protect historic areas, and control population density.
Debt	An obligation resulting from the borrowing of money.
Debt Service	Funding as defined by the State Auditor of Public Accounts that finances and accounts for the payment of principal and interest on bonds.
Department	Basic organizational unit of the County government which is functionally unique in its service delivery responsibilities.
Depreciation	Expiration in the service life of capital assets attributable to wear and tear, deterioration, action of the physical elements, inadequacy, or obsolescence.
Division	Major organizational subunits.
Emergency Operations Center (EOC)	The Emergency Operations Center (EOC) provides a central location to determine situational status, coordinate actions, and make critical decisions during emergency and disaster situations. Emergency Management staff maintains the EOC during routine operations. Personnel from various departments and agencies in the county along with key organizations outside the County comprise the EOC staff during activation.
Encumbrance	A reservation of funds for an anticipated expenditure prior to actual payment of an item. Funds are usually reserved or encumbered once a contract obligation has been signed, but prior to the actual disbursement of the cash payment.
Enhancement	“Enhancement” is a general term used for new initiatives that may consist of: (1) expansions or improvements to an existing program, (2) establishment of a new program, (3) a proposal to fund from local dollars a program which has previously been supported by non-local sources of revenue, or (4) an increase in revenue due to a new fee or an increase in fee rates.



Glossary of Terms

Enterprise Funds	Funds used to account for operations (a) that are financed through dedicated user fees, or (b) where the Board of Supervisors has decided to appropriate funding for specific operations using a periodic determination of revenues earned, expenses incurred, and/or net income.
Equalization	An annual assessment of real estate to ensure that assessments accurately reflect current market values. Equalization revenue is the annual increase or decrease in collected revenue resulting from adjustments to the assessment of existing property in the County. This annual increase or decrease is due to value changes rather than to new construction.
Expenditures	Decreases in net financial resources not properly classified as other financing uses.
Facilities Standards Manual	A document by the Board of Supervisors which sets out specific regulations and design standards for such facilities as water/sewer service, roads and streets, soils review, etc.
Fiduciary Fund	Funding used to account for assets held by the County in a trustee capacity or as an agent for individuals, private organizations, other governments, and/or funds.
Fire/Emergency Services Tax District	A special revenue fund established by the Board of Supervisors in 2007 to provide a dedicated funding mechanism for career and volunteer fire and rescue operations in Loudoun County. The Fire/EMS District is primarily funded by a separate tax rate on real property.
Fiscal Impact Model	A 20-year model developed to help the County plan for future population growth. The fiscal impact model determines the financial impact of growth on the County Government, quantifying the need for services and projecting the related expenditures for providing these services.
Fiscal Policy	A statement of the guidelines and goals that will influence and guide financial management practices.
Fiscal Trends	The statistical section of the document that provides a broad range of trend data covering key financial indicators with historical and current data. The fiscal trends section also contains demographic and miscellaneous data useful in assessing the County government's financial condition.
Fiscal Year	This is the period of time measurement used by the County for budgeting and accounting purposes. The fiscal year consists of the twelve months beginning on July 1st and ending June 30th.
FTE	Full-Time Equivalent, considering all full-time and part-time staff positions. One FTE consists of 1,950 work hours per year.
Fund	A fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, together with all related liabilities and residual equities, or balances and changes therein. Funds are segregated for the purpose of carrying out specific activities or attaining certain objectives in accordance with special regulations, restrictions or limitations.
Fund Balance	The amount of money or other resources remaining unspent or unencumbered in a fund at a specific point in time. This term usually refers to funding available at the end of the fiscal year.
Fund Type	A group of funds that have similar activities, objectives, or funding sources as defined by the State Auditor of Public Accounts.



Glossary of Terms

GAAP	An acronym for Generally Accepted Accounting Principles, this term refers to uniform minimum standards for financial accounting and recording.
General Fund	The primary location of all financial activity associated with the ordinary operations of County government. Most taxes are accrued into this fund and transfers are made to the School, Debt Service, and Capital Projects funds as appropriate.
General Obligation Bond Financing	G.O. bonds are approved by voter referendum and carry the full faith and credit of Loudoun County.
General Plan	An official public document, which is the product of citizen participation, the Planning Commission, the Board of Supervisors, County staff, and consultants. The General Plan is a long-range guide for growth, land use, and development decisions in the County and provides a framework for consistent future decision-making.
Geographic Information System (GIS)	The Geographic Information System (GIS) is a computer system used to assemble, store, manipulate, and display information about land in the County. GIS is a multi-departmental resource integrated with several of the County's other computer systems. It is used to manage and analyze land information, produce maps in support of the assessment process, manage zoning and health information, assist with the planning process, addressing County residences, and landfill management.
Goals	A general statement of purpose. A goal provides a framework within which the program unit operates; it reflects realistic constraints upon the unit providing the service. A goal statement speaks generally toward end results rather than toward specific actions (e.g., "minimize unemployment among disadvantaged youth").
Grant	A contribution by one organization to another. The contribution is usually made to aid in the support of a specified function, such as health care, housing, crime prevention, etc.
Intergenerational Equity	This is one of the concepts that underlie the issuance of long-term debt for capital projects. If a facility has an expected useful life of 20-40 years, there is a rationale for linking the payment for the facility to the beneficiaries of the facility. In other words, future users of the facility will also pay their share of the construction cost of the facility through debt service payments.
Intergovernmental Revenue	Revenue from other governments, such as the State and Federal government, in the form of grants, entitlements, shared revenue, or payments in lieu of taxes.
Landfill Fee Waiver	The forgoing of the tipping fee charged for use of the County's landfill. Organizations which are granted fee waivers must meet the following criteria: (1) the organizations must apply for the exemption, (2) the organization must be a governmental or nonprofit entity with IRS 501 status, and (3) the organization must provide a service for the public good.
Lease Purchase	A method of financing that allows the County to construct or acquire property and pay for it over a period of time by installment payments rather than an outright purchase. The time payments include an interest charge, which is typically reduced because the lessor does not have to pay income tax on the interest revenue.
Levy	The imposition of taxes for the support of government activities.
Liabilities	Obligations incurred in past or current transactions requiring present or future settlement.
Liquidity	Funds consisting, or capable, of ready conversion into cash.



Glossary of Terms

Local Gasoline Tax	This is a 2 percent tax on gasoline sold in the County. Local gasoline tax collections are directed to a special account maintained by the Northern Virginia Transportation Commission (NVTC).
Local Tax Funding	Represents funds that the Board of Supervisors may allocate from general tax revenues to supplement revenues received by a program.
Long-Term Debt	Debt with a maturity of more than one year after the date of issuance.
Mission Statement	A written description stating the purpose of an organizational unit (department or agency) and its function.
Modified Accrual Basis of Accounting	Basis of accounting according to which (a) revenues are recognized in the accounting period in which they become available and measurable and (b) expenditures are recognized in the accounting period in which the fund liability is incurred (if measurable). Under this approach, immature interest on general long-term debt and certain similar accrued obligations are recognized when due.
Non-Revenue Receipt	Assets received by the County which are not in the form of cash, such as federal food commodities received at the Juvenile Detention Home and donated land from developers in the form of proffers. These are entered in the County records at their fair market value at the time of receipt.
Object Classification	A grouping of expenditures on the basis of goods or services purchased, such as personal services, materials, supplies, equipment, etc.
Objective	A statement of purpose defined more specifically than a goal. Objectives describe specific measurable outputs within a designated timeframe (e.g., "increase the number of children qualifying as Level I swimmers by 20%"). Program objectives are identified for each program description in the budget document.
Obligation	A future expenditure requirement incurred by voluntary agreement or legal action.
Overlapping Debt	The debt issuer's (County's) proportionate share of the debt of other local governmental units such that the issuer (the County) is located either wholly or partly within the geographic limits of the other units. The debt is generally apportioned based upon relative assessed value. For example, debt issued by a regional organization with which the County is affiliated would be overlapping debt of the County.
Overmatch	The amount of local tax funding over and above the amount required to leverage federal and state grant revenue.
Parcel Mapping	The process of producing maps of land parcels in the County. These parcels serve as units for assessing taxes.
Pay-As-You-Go	A term used to describe the practice of financing certain capital expenditures using current revenue as opposed to borrowing.
Pay-For-Performance	An assessment system that provides a process for appraising the quality of work performed by County employees and linking potential pay increases with work performance. The Pay-for-Performance system is designed to establish a link between performance assessment and employee performance of job duties and responsibilities.
Performance Measures	Data collected to assess a program's progress toward achieving established objectives and goals.



Glossary of Terms

Personal Property	A category of property other than real estate, identified for purposes of taxation, including personally owned items, corporate property, and business equipment. Examples include automobiles, motorcycles, trailers, boats, airplanes, business furnishing, and manufacturing equipment. Goods held for sale by manufacturers, wholesalers, or retailers (i.e., inventory) are <u>not</u> included.
Policy	A high-level overall plan embracing the general goals and acceptable procedures of the governing body.
Private Contributions/ Donations	These donations are usually from private citizens, typically one-time, non-recurring donations of cash or property.
Proffer	An offer of cash or property. This usually refers to property, cash, or structural improvements, offered by contractors/developers to the County in land development projects. An example is a proffer of land from a developer to the County.
Program	This is a plan or unit under which action may be taken towards meeting an individual or set of goal(s) in the provision of a particular service. Examples of County government programs include fleet management, field services, outpatient services and the Loudoun Youth Initiative.
Property Tax Rate	The rate of taxes levied against real or personal property expressed as dollars or \$100 of equalized assessed valuation of the property taxed.
Proposed Budget	A plan of financial operations submitted by the County Administrator to the Board of Supervisors. This plan reflects estimated revenues, expenditures, transfers, and departmental goals, objectives, and performance/workload indicators. In addition, sections are included to show major budgetary/financial policies and guidelines used in the County's fiscal management. The document is commonly referred to as the proposed budget.
Proprietary Fund Types	Funds that account for County activities which are similar to private sector businesses. These funds measure net income, financial position and changes in financial position.
Prorate Tax System	A system in which taxes are assessed proportionally during the year.
Public Service Property	Property specifically designated for public service use, as determined by the State Corporation Commission. This category includes designated real property, such as land and buildings and other property, such as computers, copiers and cash registers.
Rating Agencies	The organizations which provide publicly available ratings of the credit quality of securities issuers. The term is most often used to refer to the nationally recognized agencies, Moody's Investors Service, Inc., Standard & Poor's Corporation, and Fitch Investors.
Real Property	Real estate, including land and improvements (building, fencing, paving), classified for purposes of tax assessment.
Referendum	The principle or practice of submitting to popular vote a measure passed on or proposed by a legislative body or by popular initiative.
Regional Organization	Organizations to which the County is either a member or contributes as a funding source.
Resolution	A formal expression of opinion will, or intent voted by an official body or assembled group.



Glossary of Terms

Revenue	An increase in assets or financial resources. Revenue types are from local sources, from the Commonwealth of Virginia, the Federal Government, and from Non-Revenue Receipts (other Financing Sources).
Revolving Loan Fund	A fund established by the Board of Supervisors for County government, School, and Fire and Rescue company capital projects. Loans from the fund must be repaid back into the fund.
Rollback taxes	Amount of the difference between the taxes calculated for a property with and without the exemption for the previous five years.
Short-Term Debt	Debt with a maturity of less than one year after the date of issuance.
Special District	An independent unit of local government organized to perform a single governmental function or a restricted number of related functions. Special districts usually have the power to incur debt and levy taxes; however, certain types of special districts are entirely dependent upon enterprise earnings and cannot impose taxes. Examples of special districts are the Fire/EMS Tax District, the Route 28 Special Improvement District, and the Dulles Industrial Park Water and Sewer District.
State/Federal Grant Fund	A governmental fund type used to account for the proceeds of specific revenue sources (other than for major capital projects) that are legally restricted to expenditure for specified purposes.
State Compensation Board	A State Board that determines the rate of State funding toward the total cost of office operations for Constitutional Officers.
Task Force	A group of individuals organized to discuss and research a particular topic. Task forces are often used as advisory groups on a given topic.
Tax Base	The aggregate value of taxed items. The base of the County’s real property tax is the market value of all real estate in the County. The base of the personal property is the market value of all automobiles, trailers, boats, business equipment, etc., which are taxed as personal property by the County. The tax base of a sales tax is the total volume of taxable sales.



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Loudoun County

ELECTION DISTRICTS



1. Algonkian – George Washington University



2. Ashburn – Ashburn Library



3. Blue Ridge – Salamander Resort



4. Broad Run – One Loudoun



5. Catoctin – Lucketts Community Center



6. Dulles – Dulles Airport



7. Leesburg – Historic Downtown



8. Sterling – Claude Moore Recreation Center

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