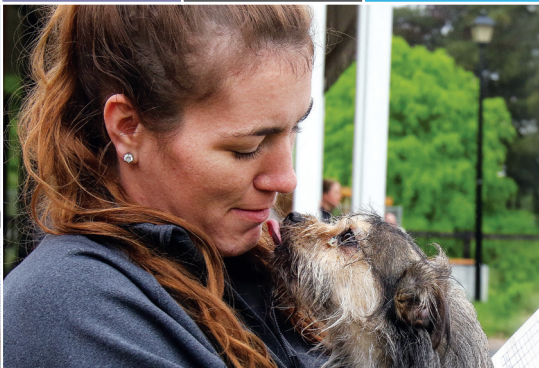




FY 2018 Adopted Budget / vol.2

- + FY 2017 – FY 2022 AMENDED CAPITAL IMPROVEMENT PROGRAM
- + DEBT SERVICE
- + OTHER FUNDS
- + FISCAL TRENDS



LOUDOUN COUNTY BOARD OF SUPERVISORS

1 Harrison Street, SE, Fifth Floor
P.O. Box 7000, MSC #01
Leesburg, Virginia 20177-7000
703-777-0204

Citizens Comment/Hotline: 703-777-0115
www.loudoun.gov
E-mail: bos@loudoun.gov



Board of Supervisors

Phyllis J. Randall, Chairman at Large
Ralph M. Buona, Vice Chairman, Ashburn District
Suzanne M. Volpe, Algonkian District
Tony R. Buffington, Jr., Blue Ridge District
Ron A. Meyer, Jr., Broad Run District
Geary M. Higgins, Catoctin District
Matthew F. Letourneau, Dulles District
Kristen C. Umstattd, Leesburg District
Koran T. Saines, Sterling District

County Administrator
Tim Hemstreet

Loudoun County
Department of Management and Budget

1 Harrison Street, SE, Fourth Floor
P.O. Box 7000, MSC #43
Leesburg, Virginia 20177-7000
703-777-0500
budget@loudoun.gov



Erin McLellan
Director

Budget Planning and Policy:

Megan C. Bourke, Assistant Director
Beena Chundevalel, Senior Management Analyst
Karl Hafer, Jr., Senior Management Analyst, Team Lead
John Hoey, Budget Systems Analyst
Tamara Keesecker, Management Analyst
Callie McLean, Management Analyst
Ryan Ramirez, Senior Management Analyst
Dwight Smith, Management Analyst
David Street, Management Analyst
Kaye Wallace, Management Analyst

Program Evaluation and Research:

Liz Weaver, Division Manager
Beth Hilkemeyer, AICP, Research Analyst

Capital Budget Planning and Policy:

Julie Crim, Capital Budget Specialist
Dan Quick, Capital Budget Specialist

Doug Kinney, Economist
Rebecca Kummel, Administrative Manager

Department of Transportation and Capital Infrastructure:

Joe Kroboth, III, Director
Penny Newquist, Deputy Director
Harvey Cornwell, Capital Budget Accountant
Sandra Hayes, Capital Budget Analyst

Special acknowledgement goes to the following for their assistance: County Administration, Public Affairs and Communications, General Services, Planning and Zoning, Mapping and Geographic Information, and Loudoun County Public Schools.

Cover Photo Credits: Departments of Parks, Recreation and Community Services; Finance and Procurement; Library Services; Animal Services; and the Leesburg Volunteer Fire Rescue Company.

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, 2016. 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.



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, 2016. 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.



Leaders at the Core of Better Communities

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 102nd ICMA Annual Conference
Kansas City, Missouri
26 September 2016

A handwritten signature in black ink, appearing to read "Robert J. O'Neill Jr.".

ROBERT J. O'NEILL JR.
ICMA EXECUTIVE DIRECTOR

A handwritten signature in black ink, appearing to read "Patricia E. Martel".

PATRICIA E. MARTEL
ICMA PRESIDENT

Vision and Strategic Goals of the Board of Supervisors

By honoring its rich heritage as well as embracing the robust opportunities of a new day, Loudoun County maintains the high quality of life it has achieved, shapes a future that represents the best of both worlds, and creates a place where its residents are proud to live, work, learn, and play.

The strategies that have enabled Loudoun County to achieve this success include:

- Accelerating economic development so that the tax burden to residents is lowered, job opportunities are increased, the commercial potential of the Dulles corridor is realized, and continued levels of business growth and affluence result;
- Adopting fiscal responsibility as a core principle;
- Developing an effective transportation network;
- Maintaining high quality educational opportunities;
- Preserving the best of Loudoun County's unique historical significance and heritage while positioning the County to be in the forefront of progressive enterprise;
- Supporting the geographical and cultural diversity of small towns and rural economies (agriculture, vineyards, horse farms) in the west with planned urban neighborhoods and suburban housing, retail, and commercial infrastructure in the east;
- Achieving a balance of the old and the new; of residential and commercial; of traditional values (family, community, environmental stewardship) and dynamic growth;
- Streamlining County government to reduce waste, increase efficiency, and promote a positive climate for constituent interactions.



Loudoun County Towns & Communities

Legend:

- Select Villages
- ★ Select Subdivisions

Map Labels:

Counties: Frederick County, MD; Washington County, MD; Jefferson County, WV; Montgomery County, MD; Clarke County, VA; Fauquier County, VA; Prince William County, VA; Fairfax County, VA.

Roads: I-9, I-15, I-287, I-267, I-28, I-50, US-7, US-287, US-15, US-267, US-28, US-50.

Water Bodies: Potomac River.

Villages (●): Loudoun Heights, Neersville, Lovettsville, Taylorstown, Lucketts, Waterford, Paeonian Springs, Beacon Hill, Purcellville, Round Hill, Bluemont, Lincoln, Philomont, Unison, Willisville, St. Louis, Middleburg, Aldie, Aldie Mountain, Stone Ridge, South Riding, Arcola, Moorefield Station, Brambleton, Loudoun Valley Estates, Loudoun Station, Dulles, Town Center, University Center, Cascades, Sugarland Run, Herndon (2 acres), Oak Grove, Sterling, Lowes Island, Belmont, One Loudoun, Ashburn Farm, Ashburn Village, Broadlands, Moorefield Station, Loudoun Valley Estates, Loudoun Station, Dulles, Town Center, University Center, Cascades, Sugarland Run, Herndon (2 acres), Oak Grove, Sterling, Lowes Island.

Subdivisions (★): Raspberry Falls, River Creek, Potomac Station, Lansdowne, University Center, Countryside, Dulles, Town Center, University Center, Cascades, Sugarland Run, Herndon (2 acres), Oak Grove, Sterling, Lowes Island, Belmont, One Loudoun, Ashburn Farm, Ashburn Village, Broadlands, Moorefield Station, Loudoun Valley Estates, Loudoun Station, Dulles, Town Center, University Center, Cascades, Sugarland Run, Herndon (2 acres), Oak Grove, Sterling, Lowes Island.

Scale: 0 to 15 Miles.

North Arrow: N

Loudoun County Department of Planning and Zoning, April 18, 2016, Map #2016-057.

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 385,114 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 2016 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*	393,345	Land Area (square miles)	520
Per Capita Personal Income**	\$69,895	Unemployment Rate***	3.2%
Median Household Income**	\$125,003	Total Employment***	161,384
Public School Enrollment*	81,622	New Commercial Permits***	3,900,891 sf.
Cost Per Pupil*	\$13,688	New Residential Use Permits***	3,327 units
County & School Employees*	15,600	Office/Industrial Vacancy Rate (2016 average)***	9.3%

* Forecast FY 18

** Calendar Year 2015

*** Calendar Year 2016

Top 10 Real Property Owners (2017 value)

	% of Tax Base
Toll Road Investors Partnership II, LP	0.45%
Dulles Town Center Mall, LLC	0.35%
Chelsea GCA Realty Partnership LP	0.30%
Quantum Park, LLC	0.29%
Digital Loudoun Pkwy Ctr North, LLC	0.28%
Visa USA, Inc.	0.24%
Equinix R P II, LLC	0.24%
Redwood-ERC Ashburn, LLC	0.23%
Smith, Verlin W et. al. TEES	0.19%
BCAL PCP Property, LLC	0.17%

*Excludes public service company properties.

Top 10 Employers (second quarter 2016)

Loudoun County Public Schools
 Loudoun County Government
 Verizon Business
 U.S. Department of Homeland Security
 United Airlines Inc.
 Raytheon Company
 Orbital ATK Corporation
 Inova Loudoun Hospital
 Swissport USA
 U.S. Postal Service



PROJECTED FY 2018 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	\$2.25
Major computer availability	99%
Judicial Administration	
Number of deed and deed of trust recordings	75,789
Public Safety	
Sheriff's Office	
Number of emergency calls	25,933
Number of non-emergency calls	155,873
Fire and Rescue Services	
Number of Emergency Medical Service hospital transports	15,000
Health and Welfare	
Number of senior meals provided	155,000
Number of age appropriate vaccinations provided	3,500
Number of permitted food facilities inspected	1,250
Parks, Recreation and Culture	
Annual park visits for special events	875,000
Number of participants in sports camps and clinics	5,150
Community Development	
Number of plans submitted for review	13,900
New and retained jobs by project (announced)	3,000
Education	
Per pupil expenditures	\$13,688



TABLE OF CONTENTS

Volume 1

Introduction

Board of Supervisors	i-1
Management and Budget Staff.....	i-2
Government Finance Officers Association Award	i-3
International City/County Management Association Award.....	i-4
Loudoun County Mission Statement	i-5
Loudoun County Towns and Communities.....	i-6
History of Loudoun County.....	i-7
County Profile	i-8
Projected FY 2018 Major Operating Indicators	i-9
Table of Contents	i-10

Executive Summary

Transmittal Letter from the County Administrator	E-2
Organizational Chart.....	E-4
Reader's Guide	E-5
FY 2018 Budget Process.....	E-8
Adopted Budget Overview, Graphs and Tables.....	E-9
Summary of Financial Sources and Uses and Appropriated Fund Balance	E-25
History of Expenditures and FTE by Department	E-32
County Funds, Fund Structure, and Basis of Budgeting.....	E-34
Long-Range Planning	E-40
Fiscal Policy.....	E-43
FY 2018 Appropriations Resolution	E-57

General Fund Revenue

General Fund Revenue	R-2
General Fund Revenue Summary	R-3
General Fund Revenue Trends	R-4
General Property Taxes	R-7
Local Non-Property Taxes.....	R-11
Other Local Sources of Revenue.....	R-17



Table of Contents

Commonwealth Aid	R-25
Federal Aid.....	R-25
Tax Exemptions by Board Action	R-26
School Fund	R-28
Forecast Discussion and Analysis.....	R-29

General Government Administration

General Government Administration Summary.....	1-1
Board of Supervisors.....	1-2
Commissioner of the Revenue.....	1-6
County Administrator	1-12
County Attorney	1-22
Elections and Voter Registration	1-28
General Services	1-34
Information Technology	1-44
Finance and Procurement	1-54
Treasurer	1-62
Human Resources	1-70
Management and Budget.....	1-76

Public Safety and Judicial Administration

Public Safety and Judicial Administration Summary.....	2-1
Animal Services.....	2-2
Clerk of the Circuit Court	2-10
Commonwealth's Attorney	2-16
Community Corrections.....	2-22
Courts	2-28
Fire and Rescue.....	2-36
Juvenile Court Service Unit.....	2-52
Sheriff's Office	2-56

Health and Welfare

Health and Welfare Summary	3-1
Extension Services	3-2



Table of Contents

Family Services	3-10
Health Services	3-22
Mental Health, Substance Abuse and Developmental Services	3-30

Parks, Recreation, and Culture

Parks, Recreation, and Culture Summary	4-1
Library Services	4-2
Parks, Recreation and Community Services	4-10

Community Development

Community Development Summary	5-1
Building and Development	5-2
Economic Development.....	5-12
Mapping and Geographic Information	5-18
Planning and Zoning	5-26
Transportation and Capital Infrastructure.....	5-34

Miscellaneous

Non-Departmental Expenditures	6-2
Landfill Fee Waivers.....	6-5
Non-Profit Organizations	6-7
Regional Organizations and Intergovernmental Contributions.....	6-10

Volume 2

Capital Improvement Program

Capital Improvement Program Executive Summary.....	7-1
Completed Capital Projects	8-1
Previously Authorized Capital Projects in Development	9-1
County Capital Projects	10-1
Transportation Capital Projects	11-1
School Capital Projects	12-1

Debt Service Fund

Debt Service Fund.....	13-2
------------------------	------



Table of Contents

Other Funds

Capital Asset Preservation Fund	14-2
Central Services Fund	14-4
Children's Services Act Fund	14-5
Computer System Replacement Fund	14-7
County OPEB Trust Fund	14-8
Dulles Industrial Park Water and Sewer Fund	14-10
Dulles Town Center Community Development Authority Fund	14-11
EMS Transport Fund	14-12
Greenlea Tax District Fund	14-14
Housing Fund	14-15
Legal Resource Center Fund (Law Library)	14-16
Major Equipment Replacement Fund	14-17
Public Facilities Fund	14-20
Rental Assistance Program Fund	14-27
Restricted Use Transient Occupancy Tax Fund (TOT)	14-28
Revolving Loan Fund	14-35
Route 28 Special Improvements Fund	14-36
State and Federal Grant Fund	14-38
Tall Oaks Water and Sewer Special Revenue Fund	14-40
Transportation District Fund	14-41

Fiscal Trends

Demographic and Economic Trends	15-2
Assessed Value and Tax Rates	15-14
Revenue and Expenditures	15-22

Glossary and Index

Glossary of Terms	16-2
Index	16-10





Capital Improvement Program

FY 2018 Adopted Budget

Executive Summary

Contents

Navigating the CIP Document Purpose of the CIP	7-02
The Capital Improvement Program	7-05
Capital Budget Process	7-05
FY 2017 – FY 2022 Adopted Capital Improvement Program	7-06
Factors Affecting the Development of the FY 2018 CIP	7-07
FY 2017 – FY 2022 CIP Funding by Programmatic Category	7-10
Total Funding in the Six-Year CIP	7-12
Schedule of Appropriations	7-15
Comparison Tables between Adopted FY 2017 and Adopted FY 2018	7-29
Schedule of Financing and Referenda	7-51
Impact on Future Debt Ratios	7-56





Navigating the CIP Document

The Capital Improvement Plan 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 2017 that do not have appropriations in the Adopted CIP. This section summarizes each previously authorized projects' 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**
- **Town Transportation Projects**
- **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**
- **High Schools**
- **Other School Projects**



Navigating the CIP Document

Project Pages

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

- Proposed timing of Appropriations
- Estimates of the projects' funding sources and expenditures for each of the six years
- Appropriations made by the Board of Supervisors for the project prior to FY 2018
- Future fiscal year (FFY) funding allocations; reflecting funding and expenditures beyond the current six year planning period
- Projected gross personnel, operations and maintenance costs to operate the facility
- Projected number of Full Time Equivalents (FTE), or personnel, required to operate the facility
- Projected debt service payments on principal and interest expenses related to debt issued
- Narratives explaining the scope of the project and relevant background information
- Maps depicting the location and planned facilities

Land acquisition, design, construction, and equipment procurement expenses for both County and School facilities are adjusted, on average, 4.0% annually to account for market inflation.

Personnel cost estimates are inflated 3% annually for every year after FY 2018; operations and maintenance cost estimates are inflated 1% annually for every year after FY 2018. The estimated number of new personnel (FTE) required to operate a facility is shown in the year in which the FTE's are projected to be hired.





Capital Improvement Program

The six-year 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.

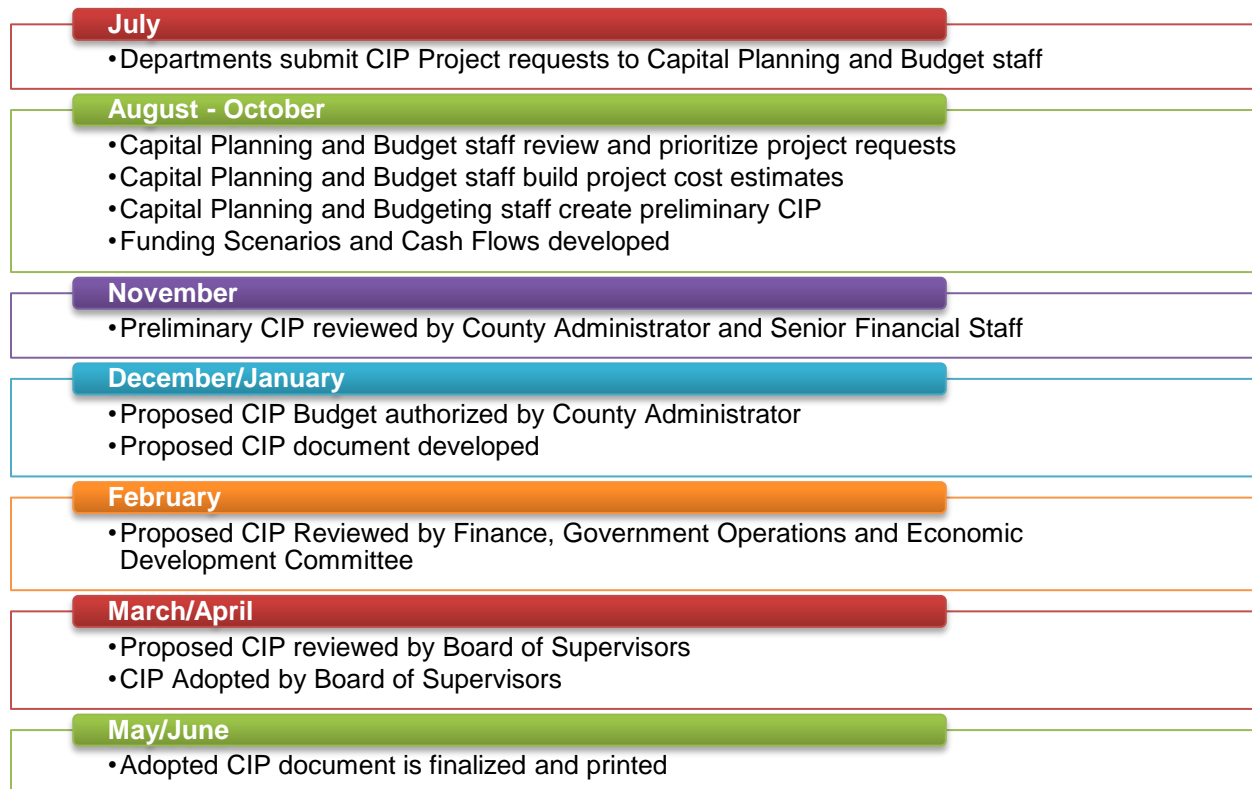
Potential projects are evaluated in relation to each other to ensure that the highest priority projects receive public funding, with essential improvements planned in a manner commensurate with the County's ability to pay.

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 2017 – FY 2022. 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 2018. The FY 2019 - FY 2022 timeframe contain 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.

Capital Budget Process

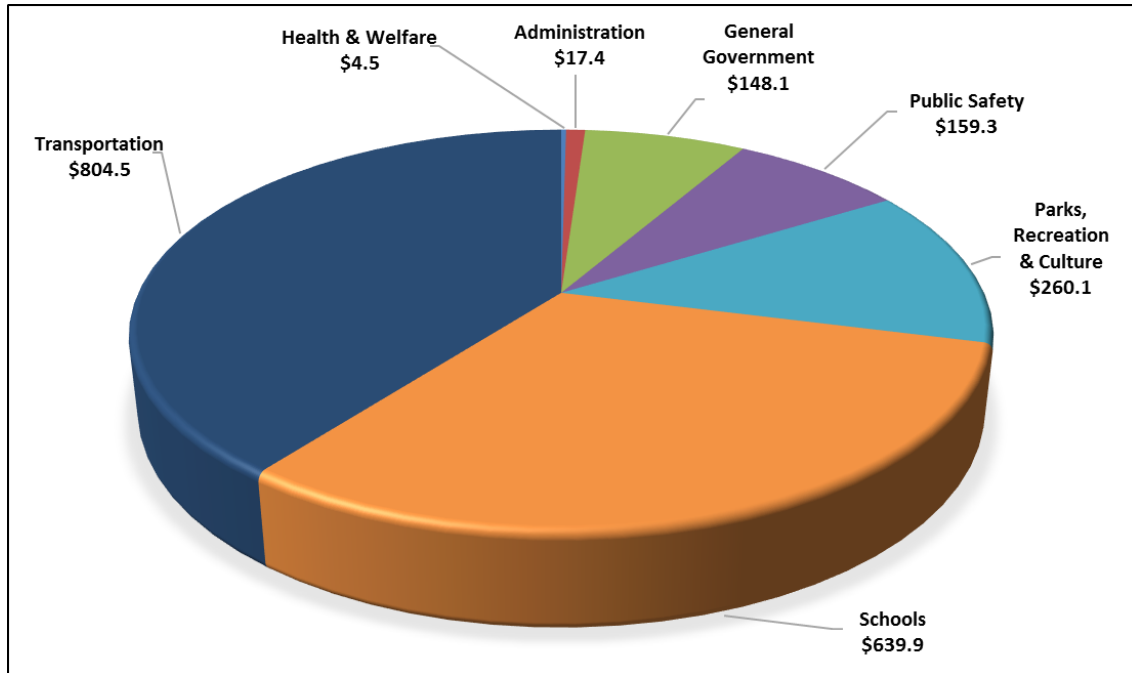
The following timeline provides an overview of the Capital Budgeting process:



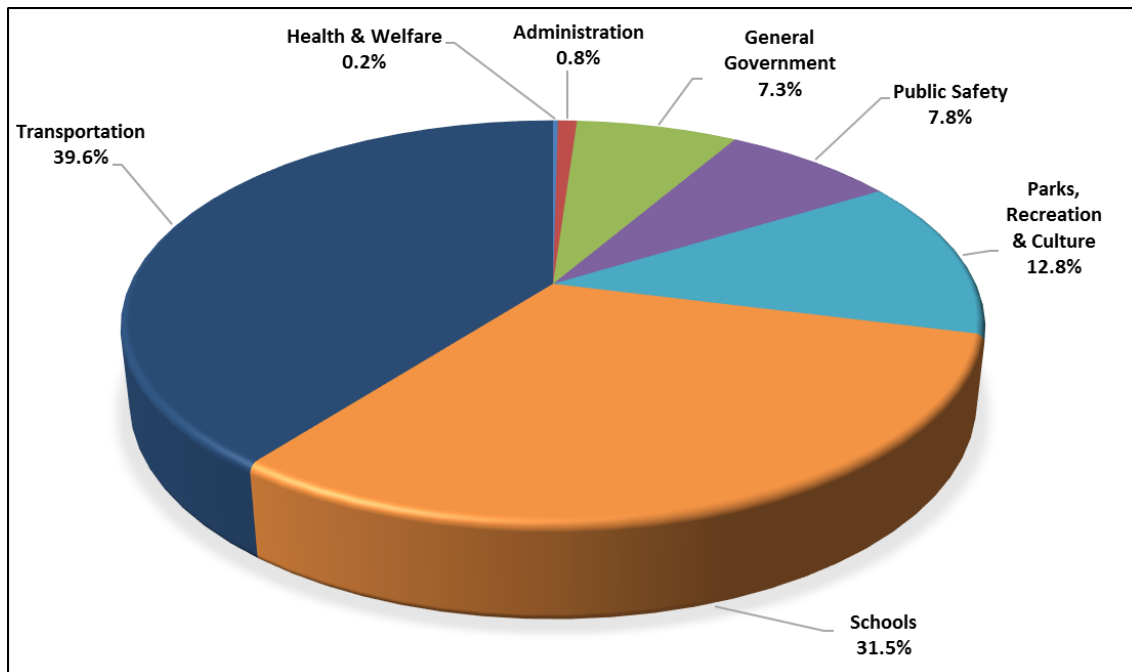
FY 2017 – FY 2022 Amended Capital Improvement Program

The FY 2018 Adopted CIP includes expenditures totaling \$2.033 billion during the FY 2017 – FY 2022 timeframe. Transportation projects total \$804 million, school construction and renovation projects total \$640 million, and County construction projects total \$589 million.

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



Graph 2: Percentage of Total Expenditures by Function





Factors Affecting the Development of the FY 2018 Adopted CIP

1. Loudoun County Public School Funding Requests

The Loudoun County School Board's FY 2018 Adopted CIP includes additional funding requests totaling \$89,329,000 in the six-year CIP timeframe, with significant funding requests totaling \$384,613,000 in future fiscal years, FY 2023 through FY 2026.

The Proposed CIP includes the acceleration of HS-9 to open one year prior to the current schedule in the Adopted FY 2017 CIP. The FY 2017 Adopted CIP opens HS-9 in the Fall of 2021; the FY 2018 Adopted CIP accelerates the opening date one year to the Fall of 2020. This was accomplished by:

1. Amending the FY 2017 CIP to appropriate \$3,505,000 in general obligation bond financing for design. The HS-9 project was approved by voters on the November 2016 referendum; all required debt issuance for the project has been approved by the voters.
2. Altering the debt issuance schedule on the project to fit within the remaining capacity in each year of the CIP while providing adequate debt issuance funding to meet the demands of the projects funding schedule. HS-9 was already accelerated into FY 2018 for design and FY 2019 for construction as part of the FY 2017 Adopted CIP. Accelerating design funding into FY 2017 and altering the debt issuance schedule did not require the deferral of other projects in the CIP to accommodate the acceleration. HS-9 was already largely accommodated into the debt issuance schedule and only required minor tweaks to further accelerate the project schedule.

Additional new or accelerated requests for funding in fiscal years 2018 – 2022 include:

- The acceleration of the C.S. Monroe Technology Center in FY 2019 for design (\$1,829,000) and FY 2020 for construction (\$61,364,000).
- The acceleration of the High School Stadium Turf and Track Resurfacing accelerated from FY 2021 and FY 2022 to FY 2017 (\$3,800,000) and FY 2019 (\$4,148,000).
- Classroom additions to Steuart Weller Elementary School in FY 2020 (\$2,971,000).
- The acceleration of Division Security Improvements from FY 2021 to FY 2019 (\$11,484,000).
- The replacement of the Lucketts Elementary School Waste Water Treatment facility in FY 2020 (\$3,932,000).
- Design (\$4,750,000) in FY 2021 and construction (\$42,714,000) of ES-29, Dulles South Elementary School.
- The Joint Use Dry Bulk Storage Facility in FY 2021 (\$4,280,000).
- Design for ES-24, Central Loudoun Elementary School in FY 2022 (\$4,964,000).
- The deferral of the removal of modular classrooms at Briar Woods High School from FY 2019 to FY 2022 (\$320,000).
- The deferral of the Elementary School Renovation project from FY 2022 to a future fiscal year (35,276,000).
- Design (\$2,226,000) in FY 2021 and construction (\$23,504,000) in FY 2022 of the Staff Training Center/Round Hill Support Facility renovations.
- The School Bus Replacement and Acquisition account FY 2018 (\$5,265,000) and FY 2019 (\$4,148,000).

2. Project Cost Increases

Staff worked with Kimley-Horn to evaluate road cost estimates in the FY 2017 Adopted CIP. Kimley-Horn provided



updated cost estimates for the projects that the County was submitting for Smart Scale applications with VDOT. The decision was made to revise the FY 2018 CIP's project cost estimates using Kimley-Horn's updates.

- Kimley-Horn used the VDOT cost estimating model, which provides a consistent methodology between the County's project cost estimates and VDOT's cost estimates for regional roads in the County.
- Staff wanted to maintain consistency between project costs reported in the CIP and project costs provided to VDOT for the Smart Scale program.
- The results of Kimley-Horn's analysis were largely consistent with the internal road cost estimating model used by staff. Where there were differences between the two cost estimating tools, staff felt that the VDOT model would be more consistent and accurate in developing project costs in the CIP.

The following table identifies transportation projects in the Adopted CIP that have increased cost estimates as compared to the FY 2017 Adopted CIP.

Project	FY 2017 Cost Estimate	FY 2018 Cost Estimate	Cost Increase
Arcola Boulevard - Route 50 to Dulles West	\$8,132,000	\$10,760,000	\$2,628,000
Arcola Boulevard - Dulles West to Route 606	\$25,226,000	\$41,500,000	\$16,274,000
Belmont Ridge Road - Truro Parish to Croson	\$37,863,000	\$43,863,000	\$6,000,000
Braddock/Summerall/Supreme Intersection Improvements	\$2,000,000	\$4,421,000	\$2,421,000
Evergreen Mills Road - Stone Springs to Arcola	\$10,400,000	\$14,330,000	\$3,930,000
Evergreen Mills Road - Stone Springs to Belmont Ridge Road	\$12,300,000	\$23,045,000	\$10,745,000
Farmwell Road	\$24,864,000	\$29,164,000	\$4,300,000
George Washington Boulevard Overpass	\$27,176,000	\$31,460,105	\$4,284,105
Moorefield Boulevard	\$4,200,000	\$4,600,000	\$400,000
Route 7/690 Interchange	\$34,600,000	\$36,440,000	\$1,840,000
Route 9/287 Roundabout	\$11,978,000	\$13,368,000	\$1,390,000
Woodgrove High School/Fields Farm Park Road	\$6,315,000	\$7,815,000	\$1,500,000
Total	\$205,054,000	\$260,766,105	\$55,712,105

3. State Revenue Sharing Program

The State Revenue Sharing program is a 50/50 matching funds program. The County can apply for up to \$10 million in State Revenue Sharing funds annually and must supply 50% matching funds for the annual projects. The County has been using the first \$10 million of its annual NVT 30% local funds as the matching funds to the State Revenue Sharing funds.

In the past, if the County obtained a funding award, the County had two years to start spending the State funding. If the funds were not partially expended within the first two years of when an award was made for a project, then the State could ask the County to refund the funding award back to VDOT.

This past summer, VDOT notified staff that the County now only has one year to start spending the State funding. If the funds are not partially expended within one year of when an award is made for a project, then the State will require that the County refund the funding award back to VDOT.

The FY 2017 Adopted CIP planned for the following projects to apply for the \$10 million in annual State Revenue Sharing Funding in FY 2018:



Belmont Ridge Road – Truro Parish to Croson	\$1,400,000
Farmwell Road – Smith Switch to Ashburn Road	\$5,000,000
Waxpool Road/Loudoun County Parkway Intersection	\$1,700,000
Town of Hillsboro Traffic Calming and Pedestrian Safety	\$1,900,000

Staff from the Department of Transportation and Capital Infrastructure and the Department of Management and Budget evaluated the projects scheduled to apply for State Revenue Sharing in FY 2018 and found that the Farmwell Road project would not progress to a point where the funds would be spent within the new one year timeframe established by VDOT. At their business meeting on October 4, 2016, the Board of Supervisors endorsed staff's recommendation to apply for the following Revenue Sharing projects in FY 2018 of the CIP.

Belmont Ridge Road – Truro Parish to Croson	\$5,000,000
Northstar Boulevard – Shreveport Drive to Route 50	\$1,400,000
Waxpool Road/Loudoun County Parkway Intersection	\$1,700,000
Town of Hillsboro Traffic Calming and Pedestrian Safety	\$1,900,000

All of the projects endorsed by the Board of Supervisors have the required matching funds lined up using local tax funding, cash proffers, or NVT 30% local funds in FY 2018 of the Adopted CIP.

Funding for Farmwell Road was deferred to FY 2019 in the Adopted FY 2018 CIP funding plan, using General Obligation Bond financing, local tax funding, Revenue Sharing, and NVT 30%.

Other funding alterations in the transportation funding plan were required to accommodate the funding plan amendment caused by the changes to the State Revenue Sharing application in FY 2018.

4. Metro Capital Contribution

In the FY 2017 Adopted CIP, \$50 million in general obligation bond financing is allocated from FY 2019 to FY 2022 as a capital contribution to Metro as the County's share of WMATA's capital plan. Due to the ongoing, annual nature of the Metro Capital Contribution payment, the recommended primary funding source for this annual allocation will be NVT 30% local funds followed by general obligation bond financing when necessary. The Adopted FY 2018 CIP programs \$38 million in NVT 30% starting in FY 2020 and \$28 million in general obligation bonds starting in FY 2021.

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 FY 2020, which means the \$12 million in financing allocated to the Metro Capital Contribution in FY 2019 was re-allocated.

5. Finance/Government Operations and Economic Development Committee Guidance:

On January 10, 2017, the Finance/Government Operations and Economic Development Committee (FGOEDC) gave guidance to staff on prioritizing new projects suggested by Board members. The Committee's guidance generally was to prioritize acceleration of existing projects over new projects, and to prioritize roads over sidewalk projects. Under this guidance, staff was able to accelerate a number of key transportation projects that were requested.



Board Member Project Requests

Acceleration Requests	Estimate
Dulles West Blvd (Dulles Landing - Hutchison)	\$8,100,000
Dulles West Blvd (Hutchison - Arcola)	\$9,114,000
Evergreen Mills Rd (Arcola - Loudoun County Pkwy)	\$19,214,000
Evergreen Mills Rd (Belmont Ridge - Stone Springs)	\$23,000,000
Evergreen Mills Rd (Northstar - Belmont Ridge Rd)	\$54,500,000
Evergreen Mills Rd (Stone Springs - Arcola)	\$13,400,000
High School Stadium Turf & Track Resurfacing (4)	\$8,296,000
Route 7 / Route 287 Interchange	\$11,000,000
Route 9 / Route 287 Roundabout	\$11,772,000
SUB TOTAL:	\$158,396,000
New Projects	Estimate
Belmont Ridge Rd (Shreveport - Evergreen Mills Rd)	\$14,770,000
Braddock Rd Widening (Rt 659 - Royal Hunter)	\$5,370,000
Braddock Rd Widening (Rt 659 - Fairfax County inclds Path)	\$106,700,000
Croson Lane Widening (Claiborne - Mooreview Prkwy)	\$16,400,000
Elk Lick Rd Intersections (Route 50 & Tall Cedars Pkwy)	\$1,250,000
Evergreen Mills Rd Realignments (Watson / Reservoir)	\$2,850,000
Harmony Middle School Sidewalk	\$2,400,000
Poland Road Path (Edgewater - Poland Hill Property)	\$1,760,000
River Creek Sidewalk	\$1,050,000
Route 15 N / White's Ferry	\$61,500,000
Route 50 / Everfield Roundabout	\$6,000,000
Route 50 / Route 606 Full or Partial Cloverleaf	\$298,480,000
Sterling Blvd / W&OD Overpass	\$6,200,000
Woods Rd Phase II Intersection with Evergreen Mills Rd	\$2,350,000
SUB TOTAL:	\$527,080,000
TOTAL:	\$685,476,000

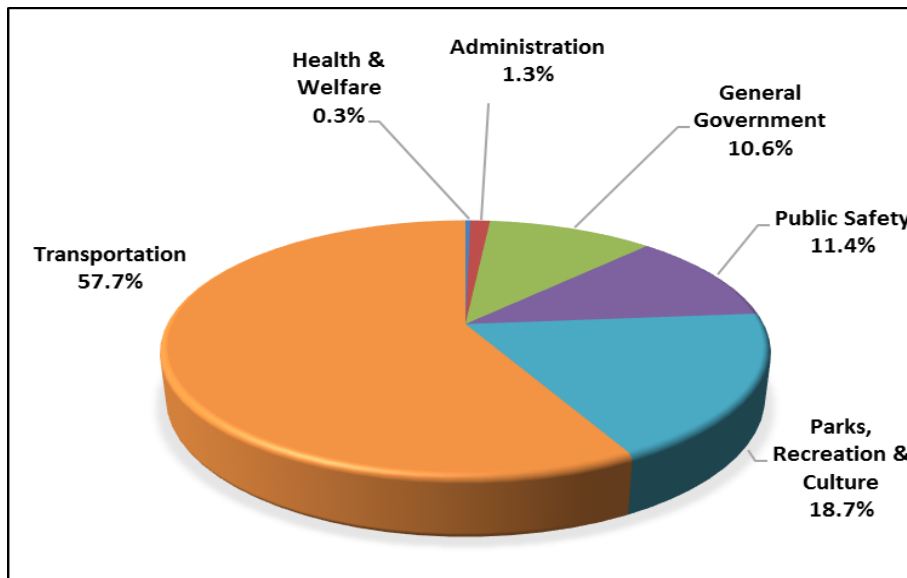
The FY 2017 – FY 2022 CIP Funding by Programmatic Category

FY 2018, as the second year of the capital budgeting biennium, is an “amendment” year. This means that primarily, adjustments to current capital projects in the CIP are considered. New capital project requests can be considered, but are generally limited to only projects that need to be accommodated due to immediate need or circumstances, or high priority projects as requested by the Board of Supervisors.

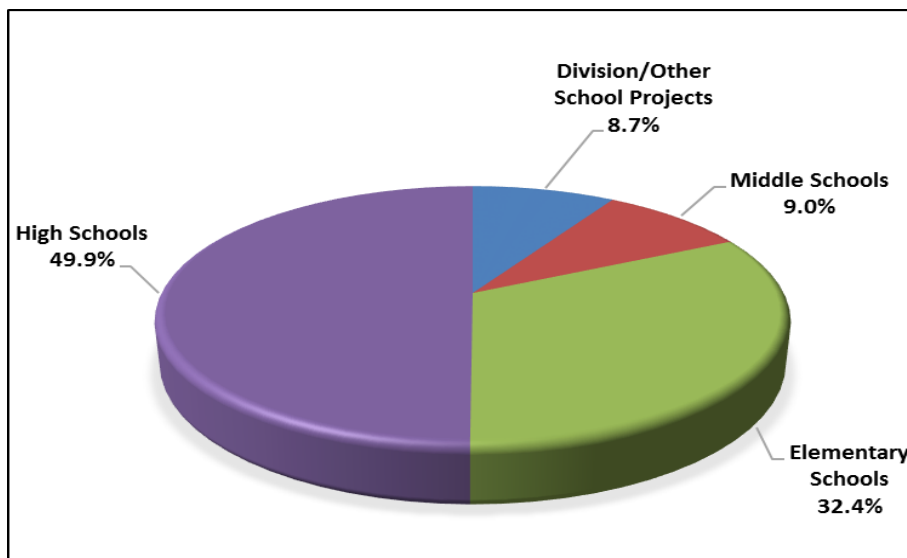
New project requests were added to the six-year CIP timeframe based upon immediate need for their inclusion and the availability of financial resources to fund the high priority project requests that needed to be addressed in the six-year CIP timeframe.

The following tables provide an overview of funding in each programmatic category of the FY 2018 Proposed CIP budget.

Graph 3: Percentage of County Project Expenditures by Function



Graph 4: Percentage of School Project Expenditures by Type





Total Funding in the Six-Year CIP

Local Tax Funding - The Board of Supervisors' fiscal policy has 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 prior fiscal year fund balance for one-time expenditures in the Capital Fund. The CIP includes \$293,628,322 in local tax funding and use of fund balance, or 14% of total CIP revenues.

Revenue Source	Amount
Local Tax Funding	\$192,281,938
\$0.02 of Tax Rate for Roads	\$89,830,000
Project Fund Balance	\$11,516,384
Total Local Tax Funding	\$293,628,322

Debt Financing - The CIP relies on \$1,147,481,200 in debt financing to fund projects in the six-year capital plan, or 56.4% of total CIP funding sources. Projects requiring general obligation bond financing are included on the November ballot as referendum questions 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.

Revenue Source	Amount
General Obligation Bond Financing	\$1,008,996,200
Lease Revenue Financing	\$138,485,000
Total Debt Financing	\$1,147,481,200

Intergovernmental Assistance - The CIP includes \$122,461,617 in intergovernmental funds, mostly in the form of State Capital Assistance, 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 6% of total CIP funding sources.

Revenue Source	Amount
State Capital Assistance	\$3,000,000
State Revenue Sharing	\$60,000,000
Congestion Mitigation and Air Quality Grants (CMAQ)	\$18,378,703
Regional Surface Transportation Plan Grants (RSTP)	\$41,082,914
Total Intergovernmental Assistance	\$122,461,617

User Fees - The CIP utilizes \$4,066,473 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	\$1,075,810
Landfill Fee Revenue	\$2,990,663
User Fees	\$4,066,473

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

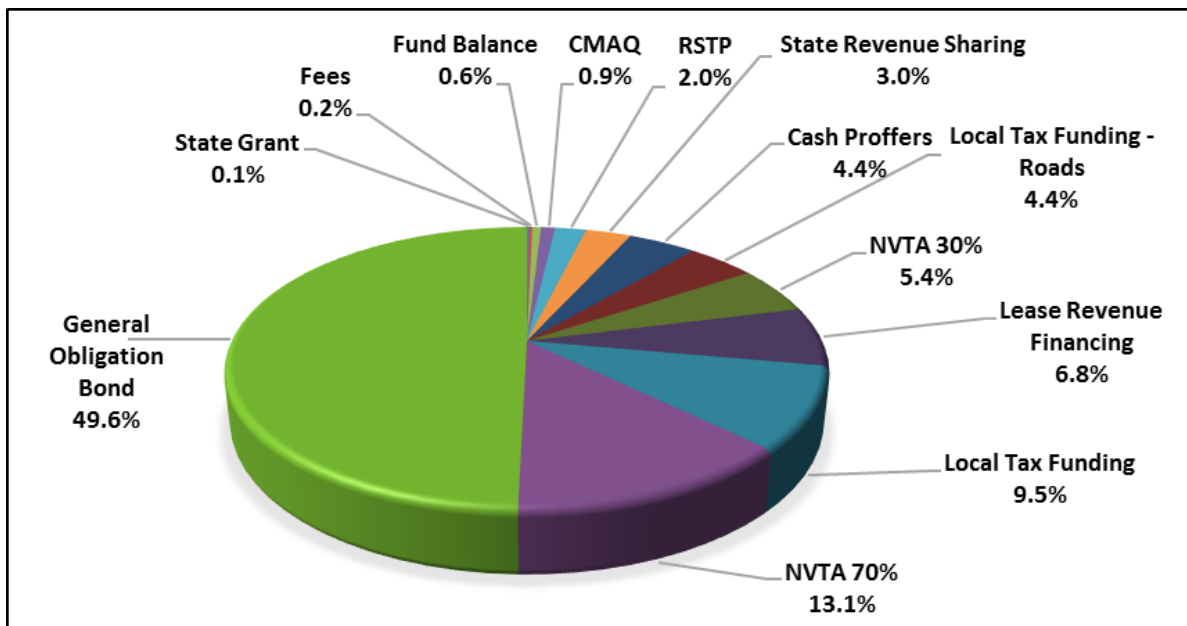
- in order to accumulate funds for regional road projects. The six-year CIP includes approximately \$376,082,066 in revenues to be applied towards transportation projects in the County that reduce traffic congestion. The revenues are split 70% as regional funds, which are allocated at the discretion 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 18.5% of total CIP funding sources.

Revenue Source	Amount
NVTA 70% Regional Funds	\$266,162,998
NVTA 30% Local Funds – County	\$93,923,947
NVTA 30% Local Funds – Town of Leesburg	\$13,223,230
NVTA 30% Local Funds – Town of Purcellville	\$2,771,891
Total NVTA Funding	\$376,082,066

Developer Contributions (Proffers) - The CIP utilizes \$90,020,903 in cash proffers during the six-year capital plan. Developer contributions, also known as proffers, offset 4% of total capital expenditures during the six-year CIP planning period. 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 2018 Adopted Budget.

Revenue Source	Amount
Cash Proffers	\$90,020,903
Developer Contributions Funding	\$90,020,903

Graph 5: Sources of Funding in the CIP







Capital Improvement Program Summary

Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
---------	----------------	------------	---------	---------	---------	---------	---------	---------	--------------	-------------	-----------

Capital Improvement Program Summary

Budgetary Cost

General Capital Projects Fund

Capital Fund Balance	-	-	3,900	-	-	-	-	3,900	-	3,900
Administration	306,317	-	7,000	1,480	5,000	-	-	13,480	-	319,797
General Government	143,874	26,463	25,122	22,190	29,345	24,845	20,125	148,090	218,005	509,969
Health and Welfare	-	-	2,125	-	-	2,375	-	4,500	6,145	10,645
Parks, Recreation and Culture	18,700	44,193	108,160	-	7,100	28,710	71,935	260,098	-	278,798
Public Safety	92,348	81,840	8,020	8,900	18,040	21,300	21,240	159,340	55,630	307,318
Transportation	249,526	106,883	116,471	109,711	173,922	158,519	138,998	804,504	635,505	1,689,538
General Capital Projects Total	810,765	259,379	270,798	142,281	233,407	235,749	252,298	1,393,912	915,285	3,119,962

School Capital Projects Fund

Elementary Schools	3,915	53,090	37,895	-	7,516	61,145	47,678	207,324	206,142	417,387
Middle Schools	3,000	57,820	-	-	-	-	-	57,820	98,064	158,884
High Schools	6,045	129,490	113,247	14,765	61,364	-	320	319,186	32,327	357,558
Other School Projects	-	-	5,265	15,632	3,932	7,166	23,504	55,499	48,080	103,578
School Capital Projects Total	12,960	240,400	156,407	30,397	72,812	68,311	71,502	639,829	384,613	1,037,402

Budgetary Cost	823,725	499,779	427,205	172,678	306,219	304,060	323,800	2,033,741	1,299,898	4,157,364
-----------------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	------------------	------------------	------------------

Funding Source

Local Tax Funding	205,273	35,183	35,181	32,670	31,468	29,855	24,085	188,442	94,070	487,785
Local Tax Funding - Roads	18,935	15,000	15,200	15,000	15,000	15,000	14,630	89,830	56,480	165,245
Fund Balance	88,794	13,840	316	1,200	-	-	-	15,356	-	104,150
General Obligation Bonds	106,825	262,275	211,287	36,297	146,484	152,421	200,232	1,008,996	694,543	1,810,368
Lease Revenue Financing	178,413	69,735	19,105	6,800	21,090	21,755	-	138,485	151,660	468,558
Proffers (Cash)	19,375	39,288	46,958	500	3,008	-	266	90,020	-	109,397
State Capital Assistance	22,663	500	500	500	500	500	500	3,000	2,000	27,663
CMAQ	-	3,821	5,717	3,441	-	-	5,400	18,379	3,960	22,339
RSTP	10,122	12,422	102	3,077	9,669	11,313	4,500	41,083	5,800	57,005
State Revenue Sharing	15,831	10,000	10,000	10,000	10,000	10,000	10,000	60,000	4,625	80,456
NVTA 70% Regional	57,564	20,000	62,641	45,040	50,239	43,480	44,763	266,163	201,450	525,177
NVTA 30% Local	36,486	16,404	18,518	18,153	18,685	19,236	18,924	109,920	83,310	229,716
Fees	1,471	1,310	1,681	-	76	500	500	4,067	2,000	7,538
Local Gasoline Tax	4,284	-	-	-	-	-	-	-	-	4,284
In Kind Proffers	51,409	-	-	-	-	-	-	-	-	51,409
Proceeds from Land Sale	6,280	-	-	-	-	-	-	-	-	6,280
Total Funding Source	823,725	499,779	427,205	172,678	306,219	304,060	323,800	2,033,741	1,299,898	4,157,364



Capital Improvement Program by Functional Area Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP	Total
---------	----------------	------------	---------	---------	---------	---------	---------	---------	--------------	-------------	-----	-------

General Capital Projects Fund

Budgetary Cost

Capital Fund Balance	-	-	3,900	-	-	-	-	3,900	-	3,900
Administration	306,317	-	7,000	1,480	5,000	-	-	13,480	-	319,797
General Government	143,874	26,463	25,122	22,190	29,345	24,845	20,125	148,090	218,005	509,969
Health and Welfare	-	-	2,125	-	-	2,375	-	4,500	6,145	10,645
Parks, Recreation and Culture	18,700	44,193	108,160	-	7,100	28,710	71,935	260,098	-	278,798
Public Safety	92,348	81,840	8,020	8,900	18,040	21,300	21,240	159,340	55,630	307,318
Transportation	249,526	106,883	116,471	109,711	173,922	158,519	138,998	804,504	635,505	1,689,538
Budgetary Cost	810,765	259,379	270,798	142,281	233,407	235,749	252,298	1,393,912	915,285	3,119,962

Funding Source

Local Tax Funding	205,273	20,758	24,876	22,670	24,565	29,195	23,765	145,829	89,685	440,787
Local Tax Funding - Roads	18,935	15,000	15,200	15,000	15,000	15,000	14,630	89,830	56,480	165,245
Fund Balance	88,794	13,840	316	1,200	-	-	-	15,356	-	104,150
General Obligation Bonds	93,865	41,180	65,185	15,900	80,575	89,050	129,050	420,940	314,315	829,120
Lease Revenue Financing	178,413	69,735	19,105	6,800	21,090	17,475	-	134,205	151,660	464,278
Proffers (Cash)	19,375	34,408	46,958	500	3,008	-	266	85,140	-	104,511
State Capital Assistance	22,663	500	500	500	500	500	500	3,000	2,000	27,663
CMAQ	-	3,821	5,717	3,441	-	-	5,400	18,379	3,960	22,339
RSTP	10,122	12,422	102	3,077	9,669	11,313	4,500	41,083	5,800	57,005
State Revenue Sharing	15,831	10,000	10,000	10,000	10,000	10,000	10,000	60,000	4,625	80,456
NVTA 70% Regional	57,564	20,000	62,641	45,040	50,239	43,480	44,763	266,163	201,450	525,177
NVTA 30% Local	36,486	16,404	18,518	18,153	18,685	19,236	18,924	109,920	83,310	229,716
Fees	1,471	1,310	1,681	-	76	500	500	4,067	2,000	7,538
In Kind Proffers	51,409	-	-	-	-	-	-	-	-	51,409
Local Gasoline Tax	4,284	-	-	-	-	-	-	-	-	4,284
Proceeds from Land Sale	6,280	-	-	-	-	-	-	-	-	6,280
Total Funding Source	810,765	259,379	270,798	142,281	233,407	235,749	252,298	1,393,912	915,285	3,119,962



Capital Improvement Program by Functional Area Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
---------	----------------	------------	---------	---------	---------	---------	---------	---------	--------------	-------------	-----------

Administration

Projects

Land Acquisition Fund	247,317	-	1,000	1,480	1,500	-	-	-	3,980	-	251,297
Major Computer Systems	59,000	-	6,000	-	3,500	-	-	-	9,500	-	68,500
Budgetary Cost	306,317	-	7,000	1,480	5,000	-	-	-	13,480	-	319,797

Funding Source

Local Tax Funding	95,316	-	1,000	1,480	1,500	-	-	-	3,980	-	99,296
Fund Balance	76,934	-	-	-	-	-	-	-	-	-	76,934
General Obligation Bonds	52,475	-	-	-	-	-	-	-	-	-	52,475
Lease Revenue Financing	23,730	-	6,000	-	3,500	-	-	-	9,500	-	33,230
Proffers (Cash)	1,855	-	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	-	51,409
State Capital Assistance	4,598	-	-	-	-	-	-	-	-	-	4,598
Total Funding Source	306,317	-	7,000	1,480	5,000	-	-	-	13,480	-	319,797

Capital Improvement Program by Functional Area Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
---------	----------------	------------	---------	---------	---------	---------	---------	---------	--------------	-------------	-----------

Health and Welfare

Projects

Adolescent Independent Living Residence	-	-	-	-	-	-	-	-	-	6,145	6,145
DS Group Residence - Eastern Loudoun	-	-	-	-	-	-	2,375	-	2,375	-	2,375
DS Group Residence - Purcellville	-	-	2,125	-	-	-	-	-	2,125	-	2,125
Budgetary Cost	-	-	2,125	-	-	2,375	-	-	4,500	6,145	

Funding Source

Lease Revenue Financing	-	-	2,125	-	-	-	2,375	-	4,500	6,145	10,645
Total Funding Source	-	-	2,125	-	-	2,375	-	-	4,500	6,145	10,645



Capital Improvement Program by Functional Area
Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
General Government											
Projects											
Capital Project Management	60,648	11,868	9,456	10,080	10,335	10,535	10,945	63,219	45,985	169,852	
Consolidated Shops & Warehouse	31,200	-	-	-	4,000	3,500	-	7,500	-	38,700	
Eastern Service Center	-	-	-	-	-	-	-	-	17,250	17,250	
General Office Space Purchase	5,965	7,635	-	-	-	-	-	7,635	-	13,600	
General Office Space - Sycolin Rd	-	-	-	-	-	-	-	-	123,070	123,070	
Howardsville Wastewater System	1,595	-	-	1,200	-	-	-	1,200	-	2,795	
Landfill Debt Service	1,471	1,310	1,681	-	-	-	-	2,991	-	4,462	
Landfill Reclamation Project	15,500	-	5,980	-	-	-	-	5,980	-	21,480	
Landfill Sequence IA Cap & Clos	-	-	-	-	1,500	-	-	1,500	-	1,500	
Landfill Sequence V Closure	-	-	-	1,350	5,060	-	-	6,410	-	6,410	
Public Safety Radio System	-	-	1,625	1,450	-	-	-	3,075	-	3,075	
Storm Water Management	25,850	3,500	3,675	5,860	6,150	6,460	6,780	32,425	21,600	79,875	
Town of Hillsboro - Water System	1,345	-	425	-	-	-	-	425	-	1,770	
Town of Hillsboro - Town Hall	-	-	80	-	-	-	-	80	-	80	
Water/Wastewater Fund	300	2,150	2,200	2,250	2,300	2,350	2,400	13,650	10,100	24,050	
Waterford Space Renovation	-	-	-	-	-	2,000	-	2,000	-	2,000	
Budgetary Cost	143,874	26,463	25,122	22,190	29,345	24,845	20,125	148,090	218,005	509,969	
Funding Source											
Local Tax Funding	98,093	14,518	16,956	18,190	18,785	19,345	20,125	107,919	77,685	283,697	
Fund Balance	700	3,000	-	1,200	-	-	-	4,200	-	4,900	
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-	
Lease Revenue Financing	41,665	7,635	5,980	2,800	10,560	5,500	-	32,475	140,320	214,460	
Proffers (Cash)	800	-	505	-	-	-	-	505	-	1,305	
Proceeds from Land Sale	1,145	-	-	-	-	-	-	-	-	1,145	
Fees	1,471	1,310	1,681	-	-	-	-	2,991	-	4,462	
Total Funding Source	143,874	26,463	25,122	22,190	29,345	24,845	20,125	148,090	218,005	509,969	



Capital Improvement Program by Functional Area
Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Parks, Recreation and Culture											
Projects											
Ashburn Recreation and Community Center	-	-	9,680	61,250	-	-	-	-	70,930	-	70,930
Ashburn Senior Center	-	-	8,285	-	-	-	-	-	8,285	-	8,285
Brambleton Library	-	-	-	-	-	7,100	-	-	7,100	-	7,100
Claude Moore Rec Center Pool Expansion	-	-	-	5,000	-	-	-	-	5,000	-	5,000
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	8,940	-	23,555	41,845	-	-	-	-	65,400	-	74,340
Lovettsville Community Center Replacement	7,380	-	2,000	-	-	-	-	-	2,000	-	9,380
Lovettsville District Park Phase II	-	-	-	-	-	-	4,680	-	4,680	-	4,680
Philip A. Bolen Memorial Park Phase II	-	-	500	-	-	-	8,525	-	9,025	-	9,025
Scott Jenkins Park 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	-	-	173	65	-	-	-	-	238	-	238
Budgetary Cost		18,700	44,193	108,160	-	7,100	28,710	71,935	260,098	-	278,798
Funding Source											
Local Tax Funding	1,110	-	-	-	-	-	6,850	-	6,850	-	7,960
Fund Balance	3,360	500	-	-	-	-	-	-	500	-	3,860
General Obligation Bonds	-	9,680	63,185	-	-	-	21,860	71,935	166,660	-	166,660
Lease Revenue Financing	5,380	2,000	-	-	-	7,030	-	-	9,030	-	14,410
Proffers (Cash)	3,850	32,013	44,975	-	-	70	-	-	77,058	-	80,908
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	-	5,000
Total Funding Source		18,700	44,193	108,160	-	7,100	28,710	71,935	260,098	-	278,798



Capital Improvement Program by Functional Area Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Public Safety											
Projects											
Courts Complex Phase III		22,310	57,100	-	-	-	9,600	-	66,700	-	89,010
F&R - Capital Apparatus		30,073	3,000	2,840	3,000	3,000	3,000	3,000	17,840	12,000	59,913
F&R - Station #04 - Round Hill Replacement		-	-	-	1,900	13,760	-	-	15,660	-	15,660
F&R - Station #07 - Aldie Replacement		14,860	-	-	4,000	-	-	-	4,000	-	18,860
F&R - Station #08 - Philomont Replacement		-	-	-	-	-	-	2,200	2,200	13,725	15,925
F&R - Station #10 - Lucketts Replacement		11,490	1,240	-	-	-	-	-	1,240	-	12,730
F&R - Station #12 - Lovettsville Replacement		1,000	13,500	-	-	-	-	-	13,500	-	14,500
F&R - Station #20 - Leesburg VFC Expansion		600	4,000	180	-	-	-	-	4,180	-	4,780
F&R - Station #28 - Leesburg South Station		-	-	-	-	-	2,200	15,400	17,600	-	17,600
F&R - Station #29 - Route 606 Station		-	-	-	-	-	-	-	-	19,010	19,010
F&R - Training Academy Expansion		-	-	-	-	780	6,500	-	7,280	-	7,280
F&R - Training Tower		-	-	-	-	500	-	-	500	-	500
F&R - Vehicle Annex		-	-	-	-	-	-	640	640	5,700	6,340
Juvenile Detention Center Phase I		12,015	3,000	5,000	-	-	-	-	8,000	-	20,015
Juvenile Detention Center Phase II		-	-	-	-	-	-	-	-	5,195	5,195
Budgetary Cost		92,348	81,840	8,020	8,900	18,040	21,300	21,240	159,340	55,630	307,318
Funding Source											
Local Tax Funding		8,965	4,240	3,020	3,000	4,280	3,000	3,640	21,180	12,000	42,145
General Obligation Bonds		38,210	17,500	-	1,900	13,760	8,700	17,600	59,460	38,435	136,105
Lease Revenue Financing		45,173	60,100	5,000	4,000	-	9,600	-	78,700	5,195	129,068
Total Funding Source		92,348	81,840	8,020	8,900	18,040	21,300	21,240	159,340	55,630	307,318



Capital Improvement Program by Functional Area Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Transportation											
Projects											
Arcola Blvd (Rt 50/ Dulles West Blvd)	-	-	-	-	8,130	2,630	-	-	10,760	-	10,760
Arcola Blvd (Dulles West Blvd/ Rt 606)	-	-	-	-	-	3,400	10,000	10,000	23,400	18,100	41,500
Belmont Ridge (Gloucester/ Hay)	48,015	13,355	-	-	-	-	-	-	13,355	-	61,370
Belmont Ridge (Truro Parish/ Croson)	22,863	-	21,000	-	-	-	-	-	21,000	-	43,863
Belmont Ridge (Shreveport/ Evergreen Mills)	-	-	-	-	-	-	-	1,435	1,435	15,865	17,300
Braddock Rd (Rt 659/ Fairfax County Line)	-	-	-	-	-	-	-	-	-	154,760	154,760
Braddock Rd (Rt 659/ Royal Hunter Dr)	-	-	-	-	-	-	-	1,000	1,000	5,095	6,095
Braddock Road/Summerall/Supreme	-	2,000	2,421	-	-	-	-	-	4,421	-	4,421
Croson Ln (Claiborne/ Mooreview Pkwy)	-	-	-	-	-	-	-	2,920	2,920	18,350	21,270
Crosstrail Blvd	31,300	2,000	-	-	-	41,560	-	-	43,560	-	74,860
Dulles West (Dulles Landing/ Hutchinson)	-	-	-	-	8,100	-	-	-	8,100	-	8,100
Dulles West (Hutchinson/ Arcola)	-	-	-	-	-	9,114	-	-	9,114	-	9,114
Dulles West (Arcola/ Northstar)	-	-	-	-	-	-	10,600	12,100	22,700	21,000	43,700
Elk Lick Rd Intersection Improvement	89	-	-	-	-	-	-	1,565	1,565	-	1,654
Evergreen Mills (Northstar/ Belmont Ridge)	-	-	-	-	-	-	-	6,720	6,720	45,600	52,320
Evergreen Mills (Belmont Ridge/ Stone Springs)	-	-	-	-	-	3,285	6,000	13,760	23,045	-	23,045
Evergreen Mills (Stone Springs/ Arcola)	-	-	-	-	-	-	1,300	13,030	14,330	-	14,330
Evergreen Mills (Arcola/ Lo. Co. Pkwy)	-	-	-	-	-	-	2,500	16,713	19,213	-	19,213
Evergreen Mills Rd Realignment	-	-	-	-	-	-	-	805	805	3,010	3,815
Farmwell Road	7,864	-	-	-	21,300	-	-	-	21,300	-	29,164
George Washington Blvd Overpass	1,367	4,132	102	3,077	9,669	10,113	3,000	-	30,093	-	31,460
Moorefield Blvd	-	-	-	-	4,600	-	-	-	4,600	-	4,600
Mooreview Pkwy	8,100	1,579	-	-	-	-	-	-	1,579	-	9,679
Northstar Blvd (Shreveport/ Rt 50)	5,432	-	20,560	10,000	-	-	-	-	30,560	-	35,992
Northstar Blvd (Rt 50/ Tall Cedars)	11,459	10,000	12,481	26,040	-	-	-	-	48,521	-	59,980
Northstar Blvd (Tall Cedars/ Braddock)	-	-	-	-	-	-	-	2,693	2,693	19,500	22,193
Prentice Road	-	9,000	-	-	-	32,000	48,650	-	89,650	-	89,650
Route 7/ Battlefield Pkwy	13,000	20,000	25,000	-	-	-	-	-	45,000	-	58,000
Route 7 / Route 287 Interchange	-	-	-	-	-	-	2,200	8,800	11,000	-	11,000
Route 7/ Route 690 Interchange	1,500	4,000	2,000	7,805	10,770	10,365	-	-	34,940	-	36,440
Route 9/ Route 287 Roundabout	1,228	-	-	-	-	13,255	-	-	13,255	-	14,483
Route 15 Bypass/ Battlefield Pkwy	-	-	2,000	-	-	-	-	-	2,000	-	2,000
Route 15 Bypass/ Edwards Ferry Rd	2,000	-	-	-	-	-	1,200	1,500	2,700	-	4,700
Route 15 North to White's Ferry Road	-	-	-	-	-	-	-	-	-	85,750	85,750
Route 50 and Everfield Drive	-	-	-	-	-	-	-	1,215	1,215	6,760	7,975
Route 606 Widening	32,912	8,574	-	-	-	-	-	-	8,574	-	41,486
Shaw Road	-	1,017	1,922	-	-	-	-	-	2,939	-	2,939
Shellhorn Road	-	8,000	4,000	4,000	8,000	-	-	-	24,000	102,750	126,750
Sterling Blvd Extension	14,101	10,028	-	-	-	-	-	-	10,028	-	24,129
Waxpool/Loudoun County Pkwy Intersection	1,235	1,146	3,139	-	-	-	-	-	4,285	-	5,520
Westwind Dr (State Street/ Ladbrook)	-	-	-	8,000	22,239	13,460	-	-	43,699	-	43,699
Woodgrove & Fields Farm Rd	3,815	-	4,000	-	-	-	-	-	4,000	-	7,815
Roads Subtotal:	206,280	94,831	98,625	101,052	155,922	116,388	97,256	664,074	496,540	1,366,894	



Capital Improvement Program by Functional Area Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Transportation											
Projects											
Contingency Accounts	-		1,600	1,600	1,600	1,600	1,600	1,600	9,600	1,600	11,200
Atlantic Blvd Shared Use Path	-	-	-	-	-	-	1,000	1,073	2,073	4,200	6,273
Harmony Middle School Sidewalk	-	-	-	-	-	-	-	1,260	1,260	1,900	3,160
Northstar & Belmont Ridge Signals	258	510	-	-	-	-	-	-	510	-	768
Poland Rd Shared Use Path	-	-	-	-	-	-	-	1,220	1,220	1,065	2,285
River Creek Pkwy Sidewalk	-	-	-	-	-	-	-	1,315	1,315	-	1,315
Sterling Blvd and WO&D Overpass	-	-	-	-	-	-	7,745	-	7,745	-	7,745
Sidewalks, Signals & Traffic Calming:	258	2,110	1,600	1,600	1,600	1,600	10,345	6,468	23,723	8,765	32,746
Town of Hamilton Pedestrian Improve	-	566	-	-	-	-	-	-	566	-	566
Town of Hillsboro Pedestrian Safety	-	-	4,800	-	-	-	-	-	4,800	-	4,800
Town of Leesburg Battlefield Pkwy	-	-	1,000	-	-	-	-	-	1,000	-	1,000
Town of Leesburg NVT A 30%	5,591	2,036	2,101	2,167	2,235	2,306	2,379	2,379	13,224	10,290	29,105
Town of Lovettsville Broadway Street	-	-	150	-	700	-	-	-	850	-	850
Town of Middleburg Crosswalk	1,205	585	166	-	-	-	-	-	751	-	1,956
Town of Purcellville A Street	-	-	875	-	-	-	-	-	875	-	875
Town of Purcellville NVT A 30%	1,169	444	437	451	465	480	495	495	2,772	2,150	6,091
Towns Subtotal:	7,965	3,631	9,529	2,618	3,400	2,786	2,874	24,838	12,440	45,243	
Transit Bus Acquisition	32,523	1,000	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	42,523
Metro Capital Contribution	-	-	-	-	-	12,000	28,000	26,000	66,000	104,000	170,000
Metro Station Area Pedestrian Improve	-	-	5,717	-	-	-	-	5,400	11,117	9,760	20,877
Leesburg Area Park and Ride Lot	2,500	1,490	-	-	-	-	-	-	1,490	-	3,990
One Loudoun Park and Ride Lot	-	-	-	3,291	-	-	-	-	3,291	-	3,291
Western Loudoun Park and Ride Lot	-	3,821	-	150	-	-	-	-	3,971	-	3,971
Transit Subtotal:	35,023	6,311	6,717	4,441	13,000	29,000	32,400	91,869	117,760	244,652	
Transportation Budgetary Cost	249,526	106,883	116,471	109,711	173,922	158,519	138,998	804,504	635,505	1,689,535	



Capital Improvement Program by Functional Area Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Total
Transportation											
Funding Source											
Local Tax Funding		1,789	2,000	-	-	-	-	-	2,000	-	3,789
Local Tax Funding - Roads		18,935	15,000	15,200	15,000	15,000	15,000	14,630	89,830	56,480	165,245
Fund Balance		7,800	10,340	316	-	-	-	-	10,656	-	18,456
General Obligation Bonds		3,180	14,000	2,000	14,000	66,815	58,490	39,515	194,820	275,880	473,880
Lease Revenue Financing		62,465	-	-	-	-	-	-	-	-	62,465
Proffers (Cash)		12,870	2,395	1,478	500	2,938	-	266	7,577	-	20,447
State Capital Assistance		18,065	500	500	500	500	500	500	3,000	2,000	23,065
CMAQ		-	3,821	5,717	3,441	-	-	5,400	18,379	3,960	22,339
RSTP		10,122	12,422	102	3,077	9,669	11,313	4,500	41,083	5,800	57,005
Revenue Sharing		15,831	10,000	10,000	10,000	10,000	10,000	10,000	60,000	4,625	80,456
NVTA 70% Regional		57,564	20,000	62,641	45,040	50,239	43,480	44,763	266,163	201,450	525,177
NVTA 30% Local		36,486	16,404	18,518	18,153	18,685	19,236	18,924	109,920	83,310	229,716
Transit Fees		-	-	-	-	76	500	500	1,076	2,000	3,076
Local Gasoline Tax		4,284	-	-	-	-	-	-	-	-	4,284
Proceeds from Sale of Land		135	-	-	-	-	-	-	-	-	135
Total Funding Source		249,526	106,883	116,471	109,711	173,922	158,519	138,998	804,504	635,505	1,689,535



Capital Improvement Program by Functional Area

Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
---------	----------------	------------	---------	---------	---------	---------	---------	---------	--------------	----------------	--------------

School Capital Projects Fund

Projects

Elementary Schools	3,915	53,090	37,895	-	7,516	61,145	47,678	207,324	206,142	417,387
Middle Schools	3,000	57,820	-	-	-	-	-	57,820	98,064	158,884
High Schools	6,045	129,490	113,247	14,765	61,364	-	320	319,186	32,327	357,558
Other School Projects	-	-	5,265	15,632	3,932	7,166	23,504	55,499	48,080	103,579
Budgetary Cost	12,960	240,400	156,407	30,397	72,812	68,311	71,502	639,829	384,613	1,037,402

Funding Source

Local Tax Funding	-	14,425	10,305	10,000	6,903	660	320	42,613	4,385	46,998
General Obligation Bonds	12,960	221,095	146,102	20,397	65,909	63,371	71,182	588,056	380,228	981,244
Lease Revenue Financing	-	-	-	-	-	4,280	-	4,280	-	4,280
Proffers (Cash)	-	4,880	-	-	-	-	-	4,880	-	4,880
Total Funding Source	12,960	240,400	156,407	30,397	72,812	68,311	71,502	639,829	384,613	1,037,402



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Elementary Schools											
Projects											
(ES-23) Dulles North Area Elementary School	-	-	-	-	-	4,545	40,875	-	45,420	-	45,420
(ES-24) Central Loudoun Area Elementary School	-	-	-	-	-	-	-	4,964	4,964	44,636	49,600
(ES-28) Dulles South Area Elementary School	2,000	36,770	-	-	-	-	-	-	36,770	-	38,770
(ES-29) Dulles South Area Elementary School	-	-	-	-	-	-	4,750	42,714	47,464	-	47,464
(ES-31) Dulles North Area Elementary School	1,915	-	37,895	-	-	-	-	-	37,895	-	39,810
(ES-34) Dulles North Area Elementary School	-	-	-	-	-	-	-	-	-	5,919	5,919
Three-Classroom Addition Steuart W. Weller Elementary School	-	-	-	-	-	2,971	-	-	2,971	-	2,971
Three-Classroom Additions Phases I & II	-	16,320	-	-	-	-	15,520	-	31,840	-	31,840
Renovation 1 Elementary School	-	-	-	-	-	-	-	-	-	35,276	35,276
Renovation 2 Elementary School	-	-	-	-	-	-	-	-	-	36,865	36,865
Renovations 3 & 4 Elementary Schools	-	-	-	-	-	-	-	-	-	77,046	77,046
Renovations 5 & 6 Elementary Schools	-	-	-	-	-	-	-	-	-	6,400	6,400
Budgetary Cost	3,915	53,090	37,895	-	-	7,516	61,145	47,678	207,324	206,142	417,381
Funding Source											
Local Tax Funding	-	-	1,540	-	-	2,971	-	-	4,511	-	4,511
General Obligation Bonds	3,915	53,090	36,355	-	-	4,545	61,145	47,678	202,813	206,142	412,870
Total Funding Source	3,915	53,090	37,895	-	-	7,516	61,145	47,678	207,324	206,142	417,381



Capital Improvement Program by Functional Area Schedule of Appropriations										
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's
Middle Schools										
Projects										
(MS-7) Dulles South Area Middle School		3,000	57,820	-	-	-	-	-	57,820	-
Renovation 1 Middle School		-	-	-	-	-	-	-	-	98,064
Budgetary Cost		3,000	57,820	-	-	-	-	-	57,820	98,064
Funding Source										
General Obligation Bonds		3,000	57,820	-	-	-	-	-	57,820	98,064
Total Funding Source		3,000	57,820	-	-	-	-	-	57,820	98,064



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
High Schools											
Projects											
CS Monroe Conversion		-	1,750	-	1,829	61,364	-	-	64,943	-	64,943
Douglass School Renovations											
Naval JROTC Facility		-	3,130	-	-	-	-	-	3,130	-	3,130
Loudoun County High School											
(HS-9) Dulles South Area		-	3,505	113,247	8,788	-	-	-	125,540	-	125,540
High School											
(HS-11) Dulles North Area		6,045	115,825	-	-	-	-	-	115,825	-	121,870
High School											
Baseball/Softball Press Boxes		-	-	-	-	-	-	-	-	3,203	3,203
(5 Schools)											
Tennis Court Lighting		-	-	-	-	-	-	-	-	11,240	11,240
(15 Schools)											
Synthetic Turf & Track Resurfacing		-	3,800	-	4,148	-	-	-	7,948	-	7,948
(4 Schools)											
Weight Room Expansions		-	-	-	-	-	-	-	-	6,543	6,543
(3 Schools)											
Renovation 1		-	-	-	-	-	-	-	-	11,341	11,341
High School											
Modular Classrooms (8)		-	1,480	-	-	-	-	-	1,480	-	1,480
Dulles North & South											
Modular Classroom (10)		-	-	-	-	-	-	320	320	-	320
Removal - Briar Woods											
Budgetary Cost		6,045	129,490	113,247	14,765	61,364	-	320	319,186	32,327	357,558
Funding Source											
Local Tax Funding		-	14,425	3,500	10,000	-	-	320	28,245	3,203	31,448
General Obligation Bonds		6,045	110,185	109,747	4,765	61,364	-	-	286,061	29,124	321,230
Proffers (Cash)		-	4,880	-	-	-	-	-	4,880	-	4,880
Total Funding Source		6,045	129,490	113,247	14,765	61,364	-	320	319,186	32,327	357,558



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Division/Other School Projects											
Projects											
Division Security Improvements (60 Schools)	-	-	-	-	11,484	-	-	-	11,484	-	11,484
Joint Use Dry Bulk Storage Facility	-	-	-	-	-	-	4,280	-	4,280	-	4,280
Lovettsville Elementary School Bus/Visitor Parking	-	-	-	-	-	-	660	-	660	-	660
Lucketts Elementary School Wastewater Treatment Facility	-	-	-	-	-	3,932	-	-	3,932	-	3,932
School Bus Replacement and Acquisition	-	-	-	5,265	4,148	-	-	-	9,413	-	9,413
School Security Vestibules (75 Schools)	-	-	-	-	-	-	-	-	-	16,372	16,372
School Walking Tracks (18 Schools)	-	-	-	-	-	-	-	-	-	1,799	1,799
Staff Training Center Round Hill Support Facility Renovations	-	-	-	-	-	-	2,226	23,504	25,730	-	25,730
Student Welcome & Adult Education Center	-	-	-	-	-	-	-	-	-	1,182	1,182
Valley Service Center Replacement Kenneth W. Culbert School Bus Parking	-	-	-	-	-	-	-	-	-	28,727	28,727
Budgetary Cost	-	-	-	5,265	15,632	3,932	7,166	23,504	55,499	48,080	103,579
Funding Source											
Local Tax Funding	-	-	-	5,265	-	3,932	660	-	9,857	1,182	11,039
General Obligation Bonds	-	-	-	-	15,632	-	2,226	23,504	41,362	46,898	88,260
Lease Revenue Financing	-	-	-	-	-	-	4,280	-	4,280	-	4,280
Total Funding Source	-	-	-	5,265	15,632	3,932	7,166	23,504	55,499	48,080	103,579



Comparison Tables

The following tables depict the Adopted FY 2018 amended CIP budget, and includes the adopted FY 2017 funding sources and amounts for comparison. New projects are highlighted in yellow.

COUNTY

ADMINISTRATION	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Land Acquisition - Courts Expansion									
Adopted FY 2018	-	1,000	1,000	1,500	-	-	3,500	-	3,500
Local Tax Funding	-	1,000	1,000	1,500	-	-	3,500	-	3,500
Adopted FY 2017 CIP	-	1,000	1,000	1,500	-	-	3,500	-	3,500
Local Tax Funding	-	1,000	1,000	1,500	-	-	3,500	-	3,500
Land Acquisition - Eastern DS Group Residence									
Adopted FY 2018	-	-	480	-	-	-	480	-	480
Local Tax Funding	-	-	480	-	-	-	480	-	480
Adopted FY 2017 CIP	-	-	480	-	-	-	480	-	480
Lease Revenue Financing	-	-	480	-	-	-	480	-	480
Major Computer Systems									
Adopted FY 2018	-	6,000	-	3,500	-	-	9,500	-	9,500
Lease Revenue Financing	-	6,000	-	3,500	-	-	9,500	-	9,500
Adopted FY 2017 CIP	-	-	-	12,000	-	-	12,000	-	12,000
Lease Revenue Financing	-	-	-	12,000	-	-	12,000	-	12,000
GENERAL GOVERNMENT									
Capital Project Management									
Adopted FY 2018	5,868	5,518	6,330	6,585	6,785	7,195	38,281	30,985	69,266
Local Tax Funding	5,868	5,518	6,330	6,585	6,785	7,195	38,281	30,985	69,266
Adopted FY 2017 CIP	5,868	6,085	6,330	6,585	6,785	7,195	38,848	30,985	69,833
Local Tax Funding	5,868	6,085	6,330	6,585	6,785	7,195	38,848	30,985	69,833
Capital Project Management Consulting Services									
Adopted FY 2018	1,000	1,250	1,250	1,250	1,250	1,250	7,250	5,000	12,250
Local Tax Funding	1,000	1,250	1,250	1,250	1,250	1,250	7,250	5,000	12,250
Adopted FY 2017 CIP	1,000	750	750	750	750	750	4,750	3,000	7,750
Local Tax Funding	1,000	750	750	750	750	750	4,750	3,000	7,750
CIP Contingency									
Adopted FY 2018	5,000	2,500	2,500	2,500	2,500	2,500	17,500	10,000	27,500
Local Tax Funding	5,000	2,500	2,500	2,500	2,500	2,500	17,500	10,000	27,500
Adopted FY 2017 CIP	2,000	2,000	2,000	2,000	2,000	2,000	12,000	8,000	20,000
Local Tax Funding	2,000	2,000	2,000	2,000	2,000	2,000	12,000	8,000	20,000
Consolidated Shops & Warehouse									
Adopted FY 2018	-	-	-	4,000	3,500	-	7,500	-	7,500
Lease Revenue Financing	-	-	-	4,000	3,500	-	7,500	-	7,500
Adopted FY 2017 CIP	-	-	-	4,000	3,500	-	7,500	-	7,500
Lease Revenue Financing	-	-	-	4,000	3,500	-	7,500	-	7,500

FY 2018 Adopted Budget



GENERAL GOVERNMENT	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Eastern Services Center									
Adopted FY 2018	-	-	-	-	-	-	-	17,250	17,250
Lease Revenue Financing	-	-	-	-	-	-	-	17,250	17,250
General Government Office Space - Purchase									
Adopted FY 2018	7,635	-	-	-	-	-	7,635	-	7,635
Lease Revenue Financing	7,635	-	-	-	-	-	7,635	-	7,635
Adopted FY 2017 CIP	7,635	-	-	-	-	-	7,635	-	7,635
Lease Revenue Financing	7,635	-	-	-	-	-	7,635	-	7,635
General Government Office Space - Sycolin Road Phase I									
Adopted FY 2018	-	-	-	-	-	-	-	123,070	123,070
Lease Revenue Financing	-	-	-	-	-	-	-	123,070	123,070
Adopted FY 2017 CIP	-	-	-	-	-	-	-	234,910	234,910
General Obligation Bonds	-	-	-	-	-	-	-	234,910	234,910
Howardsville Wastewater System									
Adopted FY 2018	-	-	1,200	-	-	-	1,200	-	1,200
Local Tax Funding	-	-	1,200	-	-	-	1,200	-	1,200
Landfill Sequence 1A Cap									
Adopted FY 2018	-	-	-	1,500	-	-	1,500	-	1,500
Lease Revenue Financing	-	-	-	1,500	-	-	1,500	-	1,500
Landfill Debt Service									
Adopted FY 2018	1,310	1,680	-	-	-	-	2,990	-	2,990
Fees	1,310	1,680	-	-	-	-	2,990	-	2,990
Adopted FY 2017 CIP	1,310	-	-	-	-	-	1,310	-	1,310
Fees	1,310	-	-	-	-	-	1,310	-	1,310
Landfill Reclamation Project									
Adopted FY 2018	-	5,980	-	-	-	-	5,980	-	5,980
Lease Revenue Financing	-	5,980	-	-	-	-	5,980	-	5,980
Adopted FY 2017 CIP	-	5,980	-	-	-	-	5,980	-	5,980
Lease Revenue Financing	-	5,980	-	-	-	-	5,980	-	5,980
Landfill Sequence V Closure									
Adopted FY 2018	-	-	1,350	5,060	-	-	6,410	-	6,410
Lease Revenue Financing	-	-	1,350	5,060	-	-	6,410	-	6,410
Adopted FY 2017 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 2018	-	1,625	1,450	-	-	-	3,075	-	3,075
Fund Balance	-	1,625	-	-	-	-	1,625	-	1,625
Lease Revenue Financing	-	-	1,450	-	-	-	1,450	-	1,450
Storm Water Management									
Adopted FY 2018	3,500	3,675	5,860	6,150	6,460	6,780	32,425	21,660	54,085
Local Tax Funding	3,500	3,675	5,860	6,150	6,460	6,780	32,425	21,660	54,085
Adopted FY 2017 CIP	3,500	3,675	5,860	6,150	6,460	6,780	32,425	21,600	54,025
Local Tax Funding	3,500	3,675	5,860	6,150	6,460	6,780	32,425	21,600	54,025
Town of Hillsboro Water System									
Adopted FY 2018	-	425	-	-	-	-	425	-	425
Cash Proffer - Interest	-	425	-	-	-	-	425	-	425

Loudoun County, Virginia

CIP Executive Summary

FY 2018 Adopted Budget



GENERAL GOVERNMENT	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Town of Hillsboro - Old Stone School/Town Hall									
Adopted FY 2018	-	80	-	-	-	-	80	-	80
Cash Proffer - Interest	-	80	-	-	-	-	80	-	80
Water/Wastewater Fund									
Adopted FY 2018	2,150	2,200	2,250	2,300	2,350	2,400	13,650	10,100	23,750
Local Tax Funding	2,150	2,200	2,250	2,300	2,350	2,400	13,650	10,100	23,750
Adopted FY 2017 CIP	2,150	2,200	2,250	2,300	2,350	2,400	13,650	10,100	23,750
Local Tax Funding	2,150	2,200	2,250	2,300	2,350	2,400	13,650	10,100	23,750
Waterford Animal Shelter Renovation									
Adopted FY 2018	-	-	-	-	2,000	-	2,000	-	2,000
Lease Revenue Financing	-	-	-	-	2,000	-	2,000	-	2,000
HEALTH & WELFARE									
Adolescent Independent Living Residence									
Adopted FY 2018	-	-	-	-	-	-	-	6,145	6,145
Lease Revenue Financing	-	-	-	-	-	-	-	6,145	6,145
Adopted FY 2017 CIP	-	-	-	-	-	-	-	6,145	6,145
Lease Revenue Financing	-	-	-	-	-	-	-	6,145	6,145
DS Group Residence - Eastern Loudoun									
Adopted FY 2018	-	-	-	-	2,375	-	2,375	-	2,375
Lease Revenue Financing	-	-	-	-	2,375	-	2,375	-	2,375
Adopted FY 2017 CIP	-	-	-	-	-	2,375	2,375	-	2,375
Lease Revenue Financing	-	-	-	-	-	2,375	2,375	-	2,375
DS Group Residence - Purcellville									
Adopted FY 2018	-	2,125	-	-	-	-	2,125	-	2,125
Lease Revenue Financing	-	2,125	-	-	-	-	2,125	-	2,125
Adopted FY 2017 CIP	-	2,025	-	-	-	-	2,025	-	2,025
Lease Revenue Financing	-	2,025	-	-	-	-	2,025	-	2,025
PARKS, RECREATION & CULTURE									
Ashburn Recreation & Community Center									
Adopted FY 2018	9,680	61,250	-	-	-	-	70,930	-	70,930
Cash Proffers	-	26,660	-	-	-	-	26,660	-	26,660
General Obligation Bonds	9,680	34,590	-	-	-	-	44,270	-	44,270
Adopted FY 2017 CIP	9,680	61,250	-	-	-	-	70,930	-	70,930
Cash Proffers	-	26,660	-	-	-	-	26,660	-	26,660
General Obligation Bonds	9,680	34,590	-	-	-	-	44,270	-	44,270
Ashburn Senior Center									
Adopted FY 2018	8,285	-	-	-	-	-	8,285	-	8,285
Cash Proffers	8,285	-	-	-	-	-	8,285	-	8,285
Adopted FY 2017 CIP	8,285	-	-	-	-	-	8,285	-	8,285
Cash Proffers	8,285	-	-	-	-	-	8,285	-	8,285

FY 2018 Adopted Budget



PARKS, RECREATION & CULTURE	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Brambleton Library									
Adopted FY 2018	-	-	-	7,100	-	-	7,100	-	7,100
Cash Proffers	-	-	-	70	-	-	70	-	70
Lease Revenue Financing	-	-	-	7,030	-	-	7,030	-	7,030
Adopted FY 2017 CIP	-	-	-	7,100	-	-	7,100	-	7,100
Cash Proffers	-	-	-	70	-	-	70	-	70
Lease Revenue Financing	-	-	-	7,030	-	-	7,030	-	7,030
Claude Moore Rec - Pool Expansion									
Adopted FY 2018	-	5,000	-	-	-	-	5,000	-	5,000
Cash Proffers	-	5,000	-	-	-	-	5,000	-	5,000
Adopted FY 2017 CIP	-	2,000	-	-	-	-	2,000	-	2,000
Cash Proffers	-	2,000	-	-	-	-	2,000	-	2,000
Fields Farm Park									
Adopted FY 2018	-	-	-	-	3,350	25,835	29,185	-	29,185
General Obligation Bonds	-	-	-	-	3,350	25,835	29,185	-	29,185
Adopted FY 2017 CIP	-	-	-	-	3,350	23,700	27,050	-	27,050
General Obligation Bonds	-	-	-	-	3,350	23,700	27,050	-	27,050
Franklin Park to Purcellville - Trail									
Adopted FY 2018	-	-	-	-	-	5,000	5,000	-	5,000
General Obligation Bonds	-	-	-	-	-	5,000	5,000	-	5,000
Adopted FY 2017 CIP	-	-	-	-	-	5,000	5,000	-	5,000
General Obligation Bonds	-	-	-	-	-	5,000	5,000	-	5,000
Hal & Berni Hanson Regional Park									
Adopted FY 2018	23,555	41,845	-	-	-	-	65,400	-	65,400
Cash Proffers	23,555	13,250	-	-	-	-	36,805	-	36,805
General Obligation Bonds	-	28,595	-	-	-	-	28,595	-	28,595
Adopted FY 2017 CIP	23,555	31,845	-	-	-	-	55,400	-	55,400
Cash Proffers	23,555	-	-	-	-	-	23,555	-	23,555
General Obligation Bonds	-	31,845	-	-	-	-	31,845	-	31,845
Lovettsville Community Center Replacement									
Adopted FY 2018	2,000	-	-	-	-	-	2,000	-	2,000
Lease Revenue Financing	2,000	-	-	-	-	-	2,000	-	2,000
Adopted FY 2017 CIP	2,000	-	-	-	-	-	2,000	-	2,000
Lease Revenue Financing	2,000	-	-	-	-	-	2,000	-	2,000
Lovettsville District Park Phase II									
Adopted FY 2018	-	-	-	-	4,680	-	4,680	-	4,680
Fund Balance	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	4,680	-	4,680	-	4,680
Philip A. Bolen Park Phase II									
Adopted FY 2018	500	-	-	-	8,525	-	9,025	-	9,025
Fund Balance	500	-	-	-	-	-	500	-	500
Local Tax Funding	-	-	-	-	2,350	-	2,350	-	2,350
General Obligation Bonds	-	-	-	-	6,175	-	6,175	-	6,175

FY 2018 Adopted Budget



PARKS, RECREATION & CULTURE	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Scott Jenkins Memorial Park Phase III									
Adopted FY 2018	-	-	-	-	2,255	-	2,255	-	2,255
Fund Balance	-	-	-	-	-	-	-	-	-
Local Tax Funding	-	-	-	-	500	-	500	-	500
General Obligation Bonds	-	-	-	-	1,755	-	1,755	-	1,755
STEM Library									
Adopted FY 2018	-	-	-	-	5,900	41,100	47,000	-	47,000
General Obligation Bonds	-	-	-	-	5,900	41,100	47,000	-	47,000
Adopted FY 2017 CIP	-	-	-	-	5,900	41,100	47,000	-	47,000
General Obligation Bonds	-	-	-	-	5,900	41,100	47,000	-	47,000
PUBLIC SAFETY									
Town of Leesburg - Veteran's Park									
Adopted FY 2018	-	-	-	-	4,000	-	4,000	-	4,000
Local Tax Funding	-	-	-	-	4,000	-	4,000	-	4,000
Adopted FY 2017 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 2018	173	65	-	-	-	-	238	-	238
Cash Proffers - Interest	173	65	-	-	-	-	238	-	238
Adopted FY 2017 CIP	173	-	-	-	-	-	173	-	173
Cash Proffers - Interest	173	-	-	-	-	-	173	-	173
Courts Complex Phase III									
Adopted FY 2018	57,100	-	-	-	9,600	-	66,700	-	66,700
Lease Revenue Finance	57,100	-	-	-	9,600	-	66,700	-	66,700
Adopted FY 2017 CIP	57,100	-	-	7,800	-	-	64,900	-	64,900
Lease Revenue Finance	57,100	-	-	7,800	-	-	64,900	-	64,900
F&R Apparatus									
Adopted FY 2018	3,000	2,840	3,000	3,000	3,000	3,000	17,840	12,000	29,840
Local Tax Funding	3,000	2,840	3,000	3,000	3,000	3,000	17,840	12,000	29,840
Adopted FY 2017 CIP	3,000	3,000	3,000	3,000	3,000	3,000	18,000	12,000	30,000
Local Tax Funding	3,000	3,000	3,000	3,000	3,000	3,000	18,000	12,000	30,000
Station #04 - Round Hill Station Replacement									
Adopted FY 2018	-	-	1,900	13,760	-	-	15,660	-	15,660
General Obligation Bonds	-	-	1,900	13,760	-	-	15,660	-	15,660
Adopted FY 2017 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 2018	-	-	4,000	-	-	-	4,000	-	4,000
Lease Revenue Finance	-	-	4,000	-	-	-	4,000	-	4,000
Adopted FY 2017 CIP	-	4,000	-	-	-	-	4,000	-	4,000
General Obligation Bonds	-	4,000	-	-	-	-	4,000	-	4,000
Station #08 - Philomont Station Replacement									
Adopted FY 2018	-	-	-	-	-	2,200	2,200	13,725	15,925
General Obligation Bonds	-	-	-	-	-	2,200	2,200	13,725	15,925
Adopted FY 2017 CIP	-	-	-	-	-	2,200	2,200	13,725	15,925
General Obligation Bonds	-	-	-	-	-	2,200	2,200	13,725	15,925

Loudoun County, Virginia

CIP Executive Summary



PUBLIC SAFETY	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Station #10 - Lucketts Station Replacement									
Adopted FY 2018	1,240	-	-	-	-	-	1,240	-	1,240
Local Tax Funding	1,240	-	-	-	-	-	1,240	-	1,240
Adopted FY 2017 CIP	1,240	-	-	-	-	-	1,240	-	1,240
Local Tax Funding	1,240	-	-	-	-	-	1,240	-	1,240
Station #12 - Lovettsville Station Replacement									
Adopted FY 2018	13,500	-	-	-	-	-	13,500	-	13,500
General Obligation Bonds	13,500	-	-	-	-	-	13,500	-	13,500
Adopted FY 2017 CIP	13,500	-	-	-	-	-	13,500	-	13,500
General Obligation Bonds	13,500	-	-	-	-	-	13,500	-	13,500
Station #20 - Leesburg VFC Station Expansion									
Adopted FY 2018	4,000	180	-	-	-	-	4,180	-	4,180
Local Tax Funding	-	180	-	-	-	-	180	-	180
General Obligation Bonds	4,000	-	-	-	-	-	4,000	-	4,000
Adopted FY 2017 CIP	4,000	-	-	-	-	-	4,000	-	4,000
General Obligation Bonds	4,000	-	-	-	-	-	4,000	-	4,000
Station #28 - Leesburg South Station Renovation									
Adopted FY 2018	-	-	-	-	2,200	15,400	17,600	-	17,600
General Obligation Bonds	-	-	-	-	2,200	15,400	17,600	-	17,600
Adopted FY 2017 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 2018	-	-	-	-	-	-	-	19,010	19,010
General Obligation Bonds	-	-	-	-	-	-	-	19,010	19,010
Adopted FY 2017 CIP	-	-	-	-	-	-	-	19,010	19,010
General Obligation Bonds	-	-	-	-	-	-	-	19,010	19,010
F&R Academy Center Expansion									
Adopted FY 2018	-	-	-	780	6,500	-	7,280	-	7,280
Local Tax Funding	-	-	-	780	-	-	780	-	780
General Obligation Bonds	-	-	-	-	6,500	-	6,500	-	6,500
Adopted FY 2017 CIP	-	-	-	-	880	6,630	7,510	-	7,510
General Obligation Bonds	-	-	-	-	880	6,630	7,510	-	7,510
F&R Training Tower									
Adopted FY 2018	-	-	-	500	-	-	500	-	500
Local Tax Funding	-	-	-	500	-	-	500	-	500
Adopted FY 2017 CIP	-	-	-	500	-	-	500	-	500
Local Tax Funding	-	-	-	500	-	-	500	-	500
F&R Vehicle Annex									
Adopted FY 2018	-	-	-	-	-	640	640	5,700	6,340
Local Tax Funding	-	-	-	-	-	640	640	-	640
General Obligation Bonds	-	-	-	-	-	-	-	5,700	5,700
Adopted FY 2017 CIP	-	-	-	-	-	510	510	4,090	4,600
General Obligation Bonds	-	-	-	-	-	510	510	4,090	4,600



PUBLIC SAFETY	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Juvenile Detention Center Phase I									
Adopted FY 2018	3,000	5,000	-	-	-	-	8,000	-	8,000
Lease Revenue Finance	3,000	5,000	-	-	-	-	8,000	-	8,000
Adopted FY 2017 CIP	3,000	-	-	-	-	-	3,000	-	3,000
Lease Revenue Finance	3,000	-	-	-	-	-	3,000	-	3,000
Juvenile Detention Center Phase II									
Adopted FY 2018	-	-	-	-	-	-	-	5,195	5,195
Lease Revenue Finance	-	-	-	-	-	-	-	5,195	5,195
Adopted FY 2017 CIP	-	-	-	-	-	-	-	5,195	5,195
Lease Revenue Finance	-	-	-	-	-	-	-	5,195	5,195

Transportation Projects

ROADS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Arcola Boulevard (Route 50 to Dulles West Boulevard)									
Adopted FY 2018	-	-	8,130	2,630	-	-	10,760	-	10,760
Local Tax Funding \$0.02	-	-	2,500	2,630	-	-	5,130	-	5,130
NVTA 70% Regional	-	-	4,000	-	-	-	4,000	-	4,000
NVTA 30% Local	-	-	1,630	-	-	-	1,630	-	1,630
FY 2017 Adopted CIP	-	-	8,132	-	-	-	8,132	-	8,132
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
NVTA 70% Regional	-	-	4,000	-	-	-	4,000	-	4,000
NVTA 30% Local	-	-	2,032	-	-	-	2,032	-	2,032
Arcola Boulevard (Dulles West Boulevard to Evergreen Mills)									
Adopted FY 2018	-	-	-	3,400	10,000	10,000	23,400	18,100	41,500
Local Tax Funding \$0.02	-	-	-	-	5,000	5,000	10,000	9,050	19,050
Revenue Sharing	-	-	-	-	5,000	5,000	10,000	4,625	14,625
NVTA 30% Local	-	-	-	-	-	-	-	4,425	4,425
NVTA 70% Regional	-	-	-	3,400	-	-	3,400	-	3,400
FY 2017 Adopted CIP	-	-	-	3,400	11,826	10,000	25,226	-	25,226
Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 70% Regional	-	-	-	3,400	-	-	3,400	-	3,400
NVTA 30% Local	-	-	-	-	6,826	5,000	11,826	-	11,826
Belmont Ridge Rd (Gloucester - Hay Rd)									
Adopted FY 2018	13,355	-	-	-	-	-	13,355	-	13,355
Local Tax Funding \$0.02	13,015	-	-	-	-	-	13,015	-	13,015
Fund Balance	340	-	-	-	-	-	340	-	340
FY 2017 Adopted CIP	13,015	-	-	-	-	-	13,015	-	13,015
Local Tax Funding \$0.02	13,015	-	-	-	-	-	13,015	-	13,015

FY 2018 Adopted Budget



ROADS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Belmont Ridge Rd (Truro Parish - Croson Ln)									
Adopted FY 2018	-	21,000	-	-	-	-	21,000	-	21,000
Local Tax Funding \$0.02	-	13,600	-	-	-	-	13,600	-	13,600
Revenue Sharing	-	5,000	-	-	-	-	5,000	-	5,000
NVTA 30% Local	-	2,400	-	-	-	-	2,400	-	2,400
FY 2017 Adopted CIP	-	15,000	-	-	-	-	15,000	-	15,000
Local Tax Funding \$0.02	-	13,600	-	-	-	-	13,600	-	13,600
Revenue Sharing	-	1,400	-	-	-	-	1,400	-	1,400
Belmont Ridge Rd (Shreveport - Evergreen Mills)									
Adopted FY 2018	-	-	-	-	-	1,435	1,435	15,865	17,300
Local Tax Funding \$0.02	-	-	-	-	-	1,435	1,435	1,840	3,275
General Obligation Bonds	-	-	-	-	-	-	-	8,515	8,515
NVTA 70%	-	-	-	-	-	-	-	5,510	5,510
Braddock Rd Widening (Rt 659 - Fairfax Line w/Path)									
Adopted FY 2018	-	-	-	-	-	-	-	154,760	154,760
Local Tax Funding \$0.02	-	-	-	-	-	-	-	29,945	29,945
General Obligation Bonds	-	-	-	-	-	-	-	60,785	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 2018	-	-	-	-	-	1,000	1,000	5,095	6,095
Local Tax Funding \$0.02	-	-	-	-	-	-	-	4,095	4,095
General Obligation Bonds	-	-	-	-	-	1,000	1,000	1,000	2,000
Braddock/Summerall/Supreme Intersection Improvements									
Adopted FY 2018	2,000	2,421	-	-	-	-	4,421	-	4,421
General Obligation Bonds	2,000	-	-	-	-	-	2,000	-	2,000
NVTA 30% Local	-	2,421	-	-	-	-	2,421	-	2,421
FY 2017 Adopted CIP	2,000	-	-	-	-	-	2,000	-	2,000
General Obligation Bonds	2,000	-	-	-	-	-	2,000	-	2,000
Croson Ln Widening (Claiborne - Moreview Pkwy)									
Adopted FY 2018	-	-	-	-	-	2,920	2,920	18,350	21,270
Local Tax Funding \$0.02	-	-	-	-	-	-	-	8,065	8,065
General Obligation Bonds	-	-	-	-	-	2,920	2,920	10,285	13,205
Crosstrail Boulevard - Section B									
Adopted FY 2018	2,000	-	-	41,560	-	-	43,560	-	43,560
Local Tax Funding	2,000	-	-	-	-	-	2,000	-	2,000
General Obligation Bonds	-	-	-	41,560	-	-	41,560	-	41,560
FY 2017 Adopted CIP	2,000	-	-	41,560	-	-	43,560	-	43,560
Local Tax Funding	2,000	-	-	-	-	-	2,000	-	2,000
General Obligation Bonds	-	-	-	41,560	-	-	41,560	-	41,560

FY 2018 Adopted Budget



ROADS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Dulles West Blvd (Dulles Landing - Hutchinson) <i>Formerly Dulles West Blvd (Arcola to Loudoun County Pkwy)</i>									
Adopted FY 2018	-	-	8,100	-	-	-	8,100	-	8,100
NVTA 70% Local	-	-	8,100	-	-	-	8,100	-	8,100
Dulles West Blvd (Hutchinson - Arcola) <i>Formerly Dulles West Blvd (Arcola to Loudoun County Pkwy)</i>									
Adopted FY 2018	-	-	-	9,114	-	-	9,114	-	9,114
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
NVTA 70% Local	-	-	-	6,600	-	-	6,600	-	6,600
FY 2017 Adopted CIP	-	-	8,100	9,114	-	-	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
NVTA 70% Regional	-	-	8,100	6,600	-	-	14,700	-	14,700
Dulles West Boulevard (Northstar Blvd - Arcola)									
Adopted FY 2018	-	-	-	-	10,600	12,100	22,700	21,000	43,700
General Obligation Bonds	-	-	-	-	10,600	-	10,600	-	10,600
NVTA 70% Regional	-	-	-	-	-	12,100	12,100	21,000	33,100
FY 2017 Adopted CIP	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
Elk Lick Rd Intersections (Route 50 & Tall Cedar Pkwy)									
Adopted FY 2018	-	-	-	-	-	1,565	1,565	-	1,565
General Obligation Bonds	-	-	-	-	-	1,565	1,565	-	1,565
Evergreen Mills Rd (Northstar - Belmont Ridge)									
Adopted FY 2018	-	-	-	-	-	6,720	6,720	45,600	52,320
Local Tax Funding \$0.02	-	-	-	-	-	-	-	1,830	1,830
General Obligation Bonds	-	-	-	-	-	1,000	1,000	3,470	4,470
Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 70% Regional	-	-	-	-	-	720	720	40,300	41,020
FY 2017 Adopted CIP	-	-	-	-	-	-	-	54,500	54,500
General Obligation Bonds	-	-	-	-	-	-	-	54,500	54,500
Evergreen Mills Rd (Belmont Ridge - Stone Springs)									
Adopted FY 2018	-	-	-	3,285	6,000	13,760	23,045	-	23,045
General Obligation Bonds	-	-	-	-	6,000	1,280	7,280	-	7,280
NVTA 30% Local	-	-	-	3,285	-	-	3,285	-	3,285
NVTA 70% Regional	-	-	-	-	-	12,480	12,480	-	12,480
FY 2017 Adopted CIP	-	-	-	-	2,000	10,300	12,300	-	12,300
General Obligation Bonds	-	-	-	-	2,000	10,300	12,300	-	12,300
Evergreen Mills Rd (Stone Springs - Arcola)									
Adopted FY 2018	-	-	-	-	1,300	13,030	14,330	-	14,330
Local Tax Funding \$0.02	-	-	-	-	-	7,030	7,030	-	7,030
General Obligation Bonds	-	-	-	-	1,300	6,000	7,300	-	7,300
FY 2017 Adopted CIP	-	-	-	-	-	10,400	10,400	-	10,400
Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 30% Local	-	-	-	-	-	5,400	5,400	-	5,400

Loudoun County, Virginia

CIP Executive Summary

FY 2018 Adopted Budget



ROADS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Evergreen Mills Rd (Arcola - Loudoun Co. Pkwy)									
Adopted FY 2018	-	-	-	-	2,500	16,713	19,213	-	19,213
General Obligation Bonds	-	-	-	-	2,500	3,000	5,500	-	5,500
NVTa 30% Local	-	-	-	-	-	3,050	3,050	-	3,050
NVTa 70% Regional	-	-	-	-	-	10,663	10,663	-	10,663
FY 2017 Adopted CIP	-	-	-	-	-	19,051	19,051	-	19,051
Local Tax Funding \$0.02	-	-	-	-	-	15,000	15,000	-	15,000
NVTa 30% Local	-	-	-	-	-	4,051	4,051	-	4,051
Evergreen Mills Rd Realignments (Watson & Reservoir)									
Adopted FY 2018	-	-	-	-	-	805	805	3,010	3,815
General Obligation Bonds	-	-	-	-	-	805	805	3,010	3,815
Farmwell Rd - Includes Waxpool/Smith Switch/ Farmwell Rd Intersections									
Adopted FY 2018	-	-	21,300	-	-	-	21,300	-	21,300
Local Tax Funding \$0.02	-	-	2,300	-	-	-	2,300	-	2,300
General Obligation Bonds	-	-	12,000	-	-	-	12,000	-	12,000
Revenue Sharing	-	-	3,500	-	-	-	3,500	-	3,500
NVTa 30% Local	-	-	3,500	-	-	-	3,500	-	3,500
FY 2017 Adopted CIP	-	10,000	7,000	-	-	-	17,000	-	17,000
Local Tax Funding \$0.02	-	-	4,300	-	-	-	-	-	-
Revenue Sharing	-	5,000	3,500	-	-	-	8,500	-	8,500
NVTa 30% Local	-	5,000	3,500	-	-	-	8,500	-	8,500
George Washington Boulevard Overpass									
Adopted FY 2018	4,132	102	3,077	9,669	10,113	3,000	30,093	-	30,093
RSTP	4,132	102	3,077	9,669	10,113	3,000	30,093	-	30,093
FY 2017 Adopted CIP	4,132	-	1,976	8,201	8,500	3,000	25,809	-	25,809
RSTP	4,132	-	1,976	8,201	8,500	3,000	25,809	-	25,809
Moorefield Boulevard (Mooreview Pkwy to Moorefield Station)									
Adopted FY 2018	-	-	4,600	-	-	-	4,600	-	4,600
NVTa 30% Local	-	-	4,600	-	-	-	4,600	-	4,600
FY 2017 Adopted CIP	-	-	4,200	-	-	-	4,200	-	4,200
NVTa 30% Local	-	-	4,200	-	-	-	4,200	-	4,200
Moorefield Pkwy (Croson Ln - Old Ryan Rd)									
Adopted FY 2018	1,579	-	-	-	-	-	1,579	-	1,579
Local Tax Funding \$0.02	1,254	-	-	-	-	-	1,254	-	1,254
NVTa 30% Local	325	-	-	-	-	-	325	-	325
FY 2017 Adopted CIP	1,579	-	-	-	-	-	1,579	-	1,579
Local Tax Funding \$0.02	1,254	-	-	-	-	-	1,254	-	1,254
NVTa 30% Local	325	-	-	-	-	-	325	-	325

FY 2018 Adopted Budget



ROADS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Northstar Boulevard (Shreveport to Rt 50)									
Adopted FY 2018	10,000	12,481	26,040	-	-	-	48,521	-	48,521
Local Tax Funding \$0.02	-	-	3,600	-	-	-	3,600	-	3,600
Revenue Sharing	5,000	1,400	1,500	-	-	-	7,900	-	7,900
NVTa 30% Local	5,000	-	-	-	-	-	5,000	-	5,000
NVTa 70% Regional	-	11,081	20,940	-	-	-	32,021	-	32,021
FY 2017 Adopted CIP	10,000	11,081	27,440	-	-	-	48,521	-	48,521
Local Tax Funding \$0.02	-	-	5,000	-	-	-	5,000	-	5,000
Revenue Sharing	5,000	-	1,500	-	-	-	6,500	-	6,500
NVTa 30% Local	5,000	-	-	-	-	-	5,000	-	5,000
NVTa 70% Regional	-	11,081	20,940	-	-	-	32,021	-	32,021
Northstar Boulevard (Rt 50 - Tall Cedars)									
Adopted FY 2018	-	20,560	10,000	-	-	-	30,560	-	30,560
Revenue Sharing	-	-	5,000	-	-	-	5,000	-	5,000
NVTa 30% Local	-	-	5,000	-	-	-	5,000	-	5,000
NVTa 70% Regional	-	20,560	-	-	-	-	20,560	-	20,560
FY 2017 Adopted CIP	-	20,560	10,000	-	-	-	30,560	-	30,560
Revenue Sharing	-	-	5,000	-	-	-	5,000	-	5,000
NVTa 30% Local	-	-	5,000	-	-	-	5,000	-	-
NVTa 70% Regional	-	20,560	-	-	-	-	20,560	-	20,560
Northstar Boulevard (Tall Cedars to Braddock)									
Adopted FY 2018	-	-	-	-	-	2,693	2,693	19,500	22,193
General Obligation Bonds	-	-	-	-	-	2,500	2,500	-	2,500
Cash Proffers	-	-	-	-	-	193	193	-	193
NVTa 70% Regional	-	-	-	-	-	-	-	19,500	19,500
FY 2017 Adopted CIP	-	-	-	-	-	10,855	10,855	10,800	21,655
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTa 70% Regional	-	-	-	-	-	10,663	10,663	10,800	21,463
Prentice Road									
Adopted FY 2018	9,000	-	-	32,000	48,650	-	89,650	-	89,650
Local Tax Funding \$0.02	-	-	-	-	3,400	-	3,400	-	3,400
Fund Balance	9,000	-	-	-	-	-	9,000	-	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
FY 2017 Adopted CIP	9,000	-	-	20,000	60,650	-	89,650	-	89,650
Local Tax Funding \$0.02	-	-	-	-	13,400	-	13,400	-	13,400
Fund Balance	9,000	-	-	-	-	-	9,000	-	9,000
NVTa 30% Local	-	-	-	-	3,770	-	3,770	-	3,770
NVTa 70% Regional	-	-	-	20,000	43,480	-	63,480	-	63,480



ROADS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Route 7 / Battlefield Pkwy Interchange									
Adopted FY 2018	20,000	25,000	-	-	-	-	45,000	-	45,000
NVTA 70% Regional	20,000	25,000	-	-	-	-	45,000	-	45,000
FY 2017 Adopted CIP	38,760	6,240	-	-	-	-	45,000	-	45,000
NVTA 70% Regional	38,760	6,240	-	-	-	-	45,000	-	45,000
Route 7/ Route 287 Interchange									
Adopted FY 2018	-	-	-	-	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
FY 2017 Adopted CIP	-	-	-	-	-	11,000	11,000	-	11,000
NVTA 70% Regional	-	-	-	-	-	11,000	11,000	-	11,000
Route 7/ Route 690 Interchange									
Adopted FY 2018	4,000	2,000	7,805	10,770	10,365	-	34,940	-	34,940
Local Tax Funding \$0.02	-	-	5,000	5,770	5,000	-	15,770	-	15,770
General Obligation Bonds	4,000	2,000	2,000	-	-	-	8,000	-	8,000
State Revenue Sharing	-	-	-	5,000	5,000	-	10,000	-	10,000
NVTA 30% Local	-	-	805	-	365	-	1,170	-	1,170
FY 2017 Adopted CIP	4,000	2,000	2,000	15,100	10,000	-	33,100	-	33,100
Local Tax Funding \$0.02	-	-	-	5,100	-	-	5,100	-	5,100
General Obligation Bonds	4,000	2,000	2,000	-	-	-	8,000	-	8,000
State Revenue Sharing	-	-	-	5,000	5,000	-	10,000	-	10,000
NVTA 30% Local	-	-	-	5,000	5,000	-	10,000	-	10,000
Route 9 / Route 287 Roundabout									
Adopted FY 2018	-	-	-	13,255	-	-	13,255	-	13,255
General Obligation Bonds	-	-	-	13,255	-	-	13,255	-	13,255
FY 2017 Adopted CIP	-	-	-	-	-	-	-	10,750	10,750
Revenue Sharing	-	-	-	-	-	-	-	5,375	5,375
NVTA 30% Local	-	-	-	-	-	-	-	5,375	5,375
Route 15 Bypass/ Battlefield Pkwy Interchange									
Adopted FY 2018	-	2,000	-	-	-	-	2,000	-	2,000
NVTA 70% Regional	-	2,000	-	-	-	-	2,000	-	2,000
FY 2017 Adopted CIP	-	2,000	-	-	-	-	2,000	-	2,000
NVTA 70% Regional	-	2,000	-	-	-	-	2,000	-	2,000
Route 15 Bypass/ Edwards Ferry Rd									
Adopted FY 2018	-	-	-	-	1,200	1,500	2,700	-	2,700
RSTP	-	-	-	-	1,200	1,500	2,700	-	2,700
FY 2017 Adopted CIP	-	-	-	-	1,200	1,500	2,700	-	2,700
RSTP	-	-	-	-	1,200	1,500	2,700	-	2,700

FY 2018 Adopted Budget



ROADS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Route 15 North to White's Ferry									
Adopted FY 2018	-	-	-	-	-	-	-	85,750	85,750
Local Tax Funding \$0.02	-	-	-	-	-	-	-	55	55
General Obligation Bonds	-	-	-	-	-	-	-	28,575	28,575
NVTa 70% Regional	-	-	-	-	-	-	-	57,120	57,120
Route 50 / Everfield Roundabout									
Adopted FY 2018	-	-	-	-	-	1,215	1,215	6,760	7,975
General Obligation Bonds	-	-	-	-	-	1,215	1,215	1,290	2,505
NVTa 70% Regional	-	-	-	-	-	-	-	5,470	5,470
Route 50 & Route 606 Interchange									
Adopted FY 2018	-	-	-	-	-	-	-	500,000	500,000
To Be Determined	-	-	-	-	-	-	-	500,000	500,000
Route 606 Widening									
Adopted FY 2018	8,574	-	-	-	-	-	8,574	-	8,574
Cash Proffers	284	-	-	-	-	-	284	-	284
RSTP	8,290	-	-	-	-	-	8,290	-	8,290
FY 2017 Adopted CIP	8,573	-	-	-	-	-	8,573	-	8,573
Cash Proffers	284	-	-	-	-	-	284	-	284
RSTP	8,289	-	-	-	-	-	8,289	-	8,289
Shaw Road									
Adopted FY 2018	1,017	1,922	-	-	-	-	2,939	-	2,939
Local Tax Funding \$0.02	-	1,600	-	-	-	-	1,600	-	1,600
Cash Proffers	1,017	-	-	-	-	-	1,017	-	1,017
NVTa 30% Local	-	322	-	-	-	-	322	-	322
FY 2017 Adopted CIP	-	2,622	-	-	-	-	2,622	-	2,622
Local Tax Funding \$0.02	-	1,400	-	-	-	-	1,400	-	1,400
Cash Proffers	-	900	-	-	-	-	900	-	900
NVTa 30% Local	-	322	-	-	-	-	322	-	322
Shellhorn Road									
Adopted FY 2018	8,000	4,000	4,000	8,000	-	-	24,000	102,750	126,750
General Obligation Bonds	8,000	-	-	-	-	-	8,000	102,750	110,750
NVTa 70% Regional	-	4,000	4,000	8,000	-	-	16,000	-	16,000
FY 2017 Adopted CIP	8,000	4,000	4,000	8,000	-	-	24,000	-	24,000
General Obligation Bonds	8,000	-	-	-	-	-	8,000	-	8,000
NVTa 70% Regional	-	4,000	4,000	8,000	-	-	16,000	-	16,000

FY 2018 Adopted Budget



ROADS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Sterling Boulevard Extension									
Adopted FY 2018	10,028	-	-	-	-	-	10,028	-	10,028
Cash Proffers	28	-	-	-	-	-	28	-	28
Revenue Sharing	5,000	-	-	-	-	-	5,000	-	5,000
NVTA 30% Local	5,000	-	-	-	-	-	5,000	-	5,000
FY 2017 Adopted CIP	10,028	-	-	-	-	-	10,028	-	10,028
Cash Proffers	28	-	-	-	-	-	28	-	28
Revenue Sharing	5,000	-	-	-	-	-	5,000	-	5,000
NVTA 30% Local	5,000	-	-	-	-	-	5,000	-	5,000
Waxpool/Loudoun County Pkwy Intersection									
Adopted FY 2018	1,146	3,139	-	-	-	-	4,285	-	4,285
Local Tax Funding \$0.02	146	-	-	-	-	-	146	-	146
Fund Balance	1,000	-	-	-	-	-	1,000	-	1,000
Cash Proffers	-	978	-	-	-	-	978	-	978
Revenue Sharing	-	1,700	-	-	-	-	1,700	-	1,700
NVTA 30% Local	-	461	-	-	-	-	461	-	461
FY 2017 Adopted CIP	1,146	3,489	-	-	-	-	4,635	-	4,635
Local Tax Funding \$0.02	146	-	-	-	-	-	146	-	146
Fund Balance	1,000	-	-	-	-	-	1,000	-	1,000
Cash Proffers	-	789	-	-	-	-	789	-	789
Revenue Sharing	-	1,700	-	-	-	-	1,700	-	1,700
NVTA 30% Local	-	1,000	-	-	-	-	1,000	-	1,000
Waxpool/Smith Switch/Farmwell Intersection - Combined with Farmwell Road									
Adopted FY 2018	-	-	-	-	-	-	-	-	-
FY 2017 Adopted CIP	-	-	4,300	-	-	-	4,300	-	4,300
Local Tax Funding \$0.02	-	-	4,300	-	-	-	4,300	-	4,300
Westwind Dr (State St - Ladbrook)									
Adopted FY 2018	-	-	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 30% Local	-	-	-	-	460	-	460	-	460
NVTA 70% Regional	-	-	8,000	12,239	-	-	20,239	-	20,239
FY 2017 Adopted CIP	-	-	8,000	35,696	-	-	43,696	-	43,696
Local Tax Funding \$0.02	-	-	-	8,300	-	-	8,300	-	8,300
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 30% Local	-	-	-	10,157	-	-	10,157	-	10,157
NVTA 70% Regional	-	-	8,000	12,239	-	-	20,239	-	20,239
Woodgrove HS/ Fields Farm Park Rd									
Adopted FY 2018	-	4,000	-	-	-	-	4,000	-	4,000
NVTA 30% Local	-	4,000	-	-	-	-	4,000	-	4,000
FY 2017 Adopted CIP	-	2,500	-	-	-	-	2,500	-	2,500
NVTA 30% Local	-	2,500	-	-	-	-	2,500	-	2,500



Sidewalks, Signals and Traffic Calming	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Atlantic Boulevard (Shared Use Path & Sidewalk)									
Adopted FY 2018	-	-	-	-	1,000	1,073	2,073	4,200	6,273
Local Tax Funding \$0.02	-	-	-	-	-	1,000	1,000	-	1,000
Cash Proffers	-	-	-	-	-	73	73	-	73
General Obligation Bonds	-	-	-	-	1,000	-	1,000	4,200	5,200
FY 2017 Adopted CIP	-	-	-	-	-	6,061	6,061	-	6,061
Cash Proffers	-	-	-	-	-	61	61	-	61
General Obligation Bonds	-	-	-	-	-	6,000	6,000	-	6,000
Contingency - Sidewalk									
Adopted FY 2018	1,000	1,000	1,000	1,000	1,000	1,000	6,000	1,000	7,000
Local Tax Funding \$0.02	-	-	1,000	1,000	1,000	1,000	4,000	1,000	5,000
NVT A 30% Local	1,000	1,000	-	-	-	-	2,000	-	2,000
FY 2017 Adopted CIP	1,000	1,000	1,000	1,000	1,000	1,000	6,000	-	6,000
Local Tax Funding \$0.02	-	-	1,000	1,000	1,000	-	3,000	-	3,000
NVT A 30% Local	1,000	1,000	-	-	-	1,000	3,000	-	3,000
Contingency - Traffic Calming									
Adopted FY 2018	100	100	100	100	100	100	600	100	700
Local Tax Funding \$0.02	-	-	100	100	100	100	400	100	500
NVT A 30% Local	100	100	-	-	-	-	200	-	200
FY 2017 Adopted CIP	100	100	100	100	100	100	600	-	600
Local Tax Funding \$0.02	-	-	100	100	100	-	300	-	300
NVT A 30% Local	100	100	-	-	-	100	300	-	300
Sidewalks, Signals and Traffic Calming									
Contingency - Traffic Signals									
Adopted FY 2018	500	500	500	500	500	500	3,000	500	3,500
Local Tax Funding \$0.02	-	-	500	500	500	500	2,000	500	2,500
NVT A 30% Local	500	500	-	-	-	-	1,000	-	1,000
FY 2017 Adopted CIP	500	500	500	500	500	500	3,000	-	3,000
Local Tax Funding \$0.02	-	-	500	500	500	-	1,500	-	1,500
NVT A 30% Local	500	500	-	-	-	500	1,500	-	1,500
Harmony MS Sidewalk									
Adopted FY 2018	-	-	-	-	-	1,260	1,260	1,900	3,160
General Obligation Bonds	-	-	-	-	-	1,260	1,260	-	1,260
NVT A 30% Local	-	-	-	-	-	-	-	1,900	1,900
Northstar/Belmont Ridge Rd - Traffic Signal									
Adopted FY 2018	510	-	-	-	-	-	510	-	510
NVT A 30% Local	510	-	-	-	-	-	510	-	510
FY 2017 Adopted CIP	510	-	-	-	-	-	510	-	510
NVT A 30% Local	510	-	-	-	-	-	510	-	510

FY 2018 Adopted Budget



Sidewalks, Signals and Traffic Calming	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Poland Road Shared Use Path (Edgewater - Poland Hill Prop)									
Adopted FY 2018	-	-	-	-	-	1,220	1,220	1,065	2,285
General Obligation Bonds	-	-	-	-	-	1,220	1,220	-	1,220
NVTA 30% Local	-	-	-	-	-	-	-	1,065	1,065
River Creek Sidewalk									
Adopted FY 2018	-	-	-	-	-	1,315	1,315	-	1,315
General Obligation Bonds	-	-	-	-	-	1,315	1,315	-	1,315
Sterling Blvd / W&OD Overpass									
Adopted FY 2018	-	-	-	-	7,745	-	7,745	-	7,745
General Obligation Bonds	-	-	-	-	7,745	-	7,745	-	7,745
TOWNS									
Town of Hamilton - Drainage and Pedestrian Improvements									
Adopted FY 2018	566	-	-	-	-	-	566	-	566
Cash Proffers	566	-	-	-	-	-	566	-	566
FY 2017 Adopted CIP	566	-	-	-	-	-	566	-	566
Cash Proffers	566	-	-	-	-	-	566	-	566
Town of Hillsboro Traffic Calming & Pedestrian Safety									
Adopted FY 2018	-	4,800	-	-	-	-	4,800	-	4,800
Revenue Sharing	-	1,900	-	-	-	-	1,900	-	1,900
NVTA 30% Local	-	2,900	-	-	-	-	2,900	-	2,900
FY 2017 Adopted CIP	-	4,800	-	-	-	-	4,800	-	4,800
Revenue Sharing	-	1,900	-	-	-	-	1,900	-	1,900
NVTA 30% Local	-	2,900	-	-	-	-	2,900	-	2,900
Town of Leesburg - Battlefield Pkwy (Rt 15 to Dulles Greenway)									
Adopted FY 2018	-	1,000	-	-	-	-	1,000	-	1,000
NVTA 30% Local	-	1,000	-	-	-	-	1,000	-	1,000
FY 2017 Adopted CIP	-	1,000	-	-	-	-	1,000	-	1,000
NVTA 30% Local	-	1,000	-	-	-	-	1,000	-	1,000
Town of Leesburg NVTA Local Distribution									
Adopted FY 2018	2,036	2,101	2,167	2,235	2,306	2,378	13,223	10,290	23,513
NVTA 30% Local	2,036	2,101	2,167	2,235	2,306	2,378	13,223	10,290	23,513
FY 2017 Adopted CIP	2,036	2,099	2,165	2,234	2,304	2,377	13,215	10,964	24,179
NVTA 30% Local	2,036	2,099	2,165	2,234	2,304	2,377	13,215	10,964	24,179
Lovettsville - Broadway Streetscapes Phase 2A (Park Place to Light Street)									
Recommended	-	150	-	-	700	-	850	-	850
NVTA 30% Local	-	-	-	-	700	-	700	-	700
Fund Balance	-	150	-	-	-	-	150	-	150
Town of Middleburg - Crosswalk and Sidewalk Projects									
Adopted FY 2018	585	166	-	-	-	-	751	-	751
Local Tax Funding \$0.02	585	-	-	-	-	-	585	-	585
Fund Balance	-	166	-	-	-	-	166	-	166
FY 2017 Adopted CIP	585	-	-	-	-	-	585	-	585
Local Tax Funding \$0.02	585	-	-	-	-	-	585	-	585

FY 2018 Adopted Budget



TOWNS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Town of Purcellville - A Street Sidewalk (Blue Ridge MS to Maple Ave)									
Adopted FY 2018	-	875	-	-	-	-	875	-	875
Prior Year - NVTA 30% Local	-	875	-	-	-	-	875	-	875
Town of Purcellville - NVTA Local Distribution									
Adopted FY 2018	444	437	451	465	480	495	2,772	2,150	4,922
NVTA 30% Local	444	437	451	465	480	495	2,772	2,150	4,922
FY 2017 Adopted CIP	444	457	471	486	501	516	2,875	2,290	5,165
NVTA 30% Local	444	457	471	486	501	516	2,875	2,290	5,165
Transit Buses									
Adopted FY 2018	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	10,000
Cash Proffers	500	500	500	424	-	-	1,924	-	1,924
State Capital Assistance	500	500	500	500	500	500	3,000	2,000	5,000
Transit Fees	-	-	-	76	500	500	1,076	2,000	3,076
FY 2017 Adopted CIP	1,000	1,000	1,000	1,000	1,000	1,000	6,000	-	6,000
Cash Proffers	500	-	-	-	-	-	500	-	500
State Capital Assistance	500	500	500	500	500	500	3,000	-	3,000
Transit Fees	-	500	500	500	500	500	2,500	-	2,500
TRANSIT									
Metro Capital Contribution									
Adopted FY 2018	-	-	-	12,000	28,000	26,000	66,000	104,000	170,000
General Obligation Bonds	-	-	-	-	15,000	13,000	28,000	52,000	80,000
NVTA 30% Local	-	-	-	12,000	13,000	13,000	38,000	52,000	90,000
FY 2017 Adopted CIP	-	-	12,000	12,000	13,000	13,000	50,000	3,960	53,960
General Obligation Bonds	-	-	12,000	12,000	13,000	13,000	50,000	3,960	53,960
Metro Station Area Pedestrian Improvements									
Adopted FY 2018	-	5,717	-	-	-	5,400	11,117	9,760	20,877
RSTP	-	-	-	-	-	-	-	5,800	5,800
CMAQ	-	5,717	-	-	-	5,400	11,117	3,960	15,077
FY 2017 Adopted CIP	-	-	-	-	-	5,400	5,400	6,600	12,000
Local Tax Funding \$0.02	-	-	-	-	-	-	-	6,600	6,600
State Capital Assistance	-	-	-	-	-	5,400	5,400	-	5,400
NEPP									
Adopted FY 2018	-	-	-	-	-	-	-	-	-
Local Tax Funding \$0.02	-	-	-	-	-	-	-	-	-
FY 2017 Adopted CIP	-	-	2,000	-	-	-	2,000	-	2,000
Local Tax Funding \$0.02	-	-	2,000	-	-	-	2,000	-	2,000
Leesburg Park and Ride Lot									
Adopted FY 2018	1,490	-	-	-	-	-	1,490	-	1,490
NVTA 30% Local	1,490	-	-	-	-	-	1,490	-	1,490
FY 2017 Adopted CIP	1,490	-	-	-	-	-	1,490	3,960	5,450
NVTA 30% Local	1,490	-	-	-	-	-	1,490	3,960	5,450



TRANSIT	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
One Loudoun Park and Ride Lot									
Adopted FY 2018	-	-	3,291	-	-	-	3,291	-	3,291
CMAQ	-	-	3,291	-	-	-	3,291	-	3,291
FY 2017 Adopted CIP	-	-	3,290	-	-	-	3,290	-	3,290
CMAQ	-	-	3,290	-	-	-	3,290	-	3,290
Western Loudoun Park and Ride Lot									
Adopted FY 2018	3,821	-	150	-	-	-	3,971	-	3,971
CMAQ	3,821	-	150	-	-	-	3,971	-	3,971
FY 2017 Adopted CIP	3,821	-	150	-	-	-	3,971	-	3,971
CMAQ	3,821	-	150	-	-	-	3,971	-	3,971

Schools

ELEMENTARY SCHOOLS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
ES - 23 Dulles North									
Adopted FY 2018	-	-	-	4,545	40,875	-	45,420	-	45,420
General Obligation Bonds	-	-	-	4,545	40,875	-	45,420	-	45,420
Adopted FY 2017 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 2018	-	-	-	-	-	4,964	4,964	44,636	49,600
General Obligation Bonds	-	-	-	-	-	4,964	4,964	44,636	49,600
ES - 28 Dulles North									
Adopted FY 2018	36,770	-	-	-	-	-	36,770	-	36,770
General Obligation Bonds	36,770	-	-	-	-	-	36,770	-	36,770
Adopted FY 2017 CIP	36,770	-	-	-	-	-	36,770	-	36,770
General Obligation Bonds	36,770	-	-	-	-	-	36,770	-	36,770
ES - 29 Dulles South									
Adopted FY 2018	-	-	-	-	4,750	42,714	47,464	-	47,464
General Obligation Bonds	-	-	-	-	4,750	42,714	47,464	-	47,464
ES - 31 Dulles North									
Adopted FY 2018	-	37,895	-	-	-	-	37,895	-	37,895
Local Tax Funding	-	1,540	-	-	-	-	1,540	-	1,540
General Obligation Bonds	-	36,355	-	-	-	-	36,355	-	36,355
Adopted FY 2017 CIP	-	37,895	-	-	-	-	37,895	-	37,895
Local Tax Funding	-	1,540	-	-	-	-	1,540	-	1,540
General Obligation Bonds	-	36,355	-	-	-	-	36,355	-	36,355
ES - 34 Dulles North									
Adopted FY 2018	-	-	-	-	-	-	-	5,919	5,919
General Obligation Bonds	-	-	-	-	-	-	-	5,919	5,919

FY 2018 Adopted Budget



ELEMENTARY SCHOOLS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
ES - Renovation 1									
Adopted FY 2018	-	-	-	-	-	-	-	35,276	35,276
Local Tax Funding	-	-	-	-	-	-	-	35,276	35,276
Adopted FY 2017 CIP	-	-	-	-	-	5,280	5,280	-	5,280
Local Tax Funding	-	-	-	-	-	5,280	5,280	-	5,280
ES - Renovation 2									
Adopted FY 2018	-	-	-	-	-	-	-	36,865	36,865
General Obligation Bonds	-	-	-	-	-	-	-	36,865	36,865
ES - Renovation 3 & 4									
Adopted FY 2018	-	-	-	-	-	-	-	77,046	77,046
General Obligation Bonds	-	-	-	-	-	-	-	77,046	77,046
ES - Renovation 5 & 6									
Adopted FY 2018	-	-	-	-	-	-	-	80,512	80,512
General Obligation Bonds	-	-	-	-	-	-	-	80,512	80,512
Three-Classroom Addition (Steuart W. Weller Elementary School)									
Adopted FY 2018	-	-	-	2,971	-	-	2,971	-	2,971
Local Tax Funding	-	-	-	2,971	-	-	2,971	-	2,971
Three-Classroom Additions Phases I & II (Countywide)									
Adopted FY 2018	16,320	-	-	-	15,520	-	31,840	-	31,840
General Obligation Bonds	16,320	-	-	-	15,520	-	31,840	-	31,840
Adopted FY 2017 CIP	16,320	-	-	-	19,100	-	35,420	-	35,420
General Obligation Bonds	16,320	-	-	-	19,100	-	35,420	-	35,420
MIDDLE SCHOOLS									
MS - 7 Dulles South									
Adopted FY 2018	57,820	-	-	-	-	-	57,820	-	57,820
General Obligation Bonds	57,820	-	-	-	-	-	57,820	-	57,820
Adopted FY 2017 CIP	57,820	-	-	-	-	-	57,820	-	57,820
General Obligation Bonds	57,820	-	-	-	-	-	57,820	-	57,820
MS - Renovation 1									
Adopted FY 2018	-	-	-	-	-	-	-	98,064	98,064
General Obligation Bonds	-	-	-	-	-	-	-	98,064	98,064
HIGH SCHOOLS									
HS - 9 Project Total:									
Adopted FY 2018 CIP	3,505	113,247	8,788	-	-	-	125,540	-	125,540
Local Tax Funding	-	3,500	8,788	-	-	-	12,288	-	12,288
General Obligation Bonds	3,505	109,747	-	-	-	-	113,252	-	113,252
Adopted FY 2017 CIP	-	11,760	118,900	-	-	-	130,660	-	130,660
Local Tax Funding	-	3,500	10,000	-	-	-	13,500	-	13,500
General Obligation Bonds	-	8,260	108,900	-	-	-	117,160	-	117,160

FY 2018 Adopted Budget



HIGH SCHOOLS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
HS - 11 Dulles North									
Adopted FY 2018	115,825	-	-	-	-	-	115,825	-	115,825
Local Tax Funding	9,145	-	-	-	-	-	9,145	-	9,145
General Obligation Bonds	106,680	-	-	-	-	-	106,680	-	106,680
Adopted FY 2017 CIP	115,825	-	-	-	-	-	115,825	-	115,825
Local Tax Funding	9,145	-	-	-	-	-	9,145	-	9,145
General Obligation Bonds	106,680	-	-	-	-	-	106,680	-	106,680
CS Monroe Technology Center - Douglas School Renovations									
Adopted FY 2018	1,750	-	1,829	61,364	-	-	64,943	-	64,943
Cash Proffers	1,750	-	-	-	-	-	1,750	-	1,750
General Obligation Bonds	-	-	1,829	61,364	-	-	63,193	-	63,193
Adopted FY 2017 CIP	1,750	-	-	-	50,100	-	51,850	-	51,850
Local Tax Funding	-	-	-	-	5,010	-	5,010	-	5,010
Cash Proffers	1,750	-	-	-	-	-	1,750	-	1,750
General Obligation Bonds	-	-	-	-	45,090	-	45,090	-	45,090
Loudoun County High School JROTC									
Adopted FY 2018	3,130	-	-	-	-	-	3,130	-	3,130
Cash Proffers	3,130	-	-	-	-	-	3,130	-	3,130
Adopted FY 2017 CIP	3,130	-	-	-	-	-	3,130	-	3,130
Cash Proffers	3,130	-	-	-	-	-	3,130	-	3,130
High School Baseball/Softball Press Boxes (5)									
Adopted FY 2018	-	-	-	-	-	-	-	3,203	3,203
Local Tax Funding	-	-	-	-	-	-	-	3,203	3,203
High School Stadium Turf & Track Resurfacing									
Adopted FY 2018	3,800	-	4,148	-	-	-	7,948	-	7,948
Fund Balance	3,800	-	-	-	-	-	3,800	-	3,800
Local Tax Funding	-	-	1,212	-	-	-	1,212	-	1,212
General Obligation Bonds	-	-	2,936	-	-	-	2,936	-	2,936
Adopted FY 2017 CIP	-	-	-	-	2,265	7,110	9,375	-	9,375
General Obligation Bonds	-	-	-	-	2,265	7,110	9,375	-	9,375
High School Tennis Courts Lighting (15)									
Adopted FY 2018	-	-	-	-	-	-	-	11,240	11,240
General Obligation Bonds	-	-	-	-	-	-	-	11,240	11,240
High School Weight Room Expansion (3)									
Adopted FY 2018	-	-	-	-	-	-	-	6,543	6,543
General Obligation Bonds	-	-	-	-	-	-	-	6,543	6,543
High School Renovation 1									
Adopted FY 2018	-	-	-	-	-	-	-	11,341	11,341
General Obligation Bonds	-	-	-	-	-	-	-	11,341	11,341
Modular Classrooms (8) Dulles North & South									
Adopted FY 2018	1,480	-	-	-	-	-	1,480	-	1,480
Local Tax Funding	1,480	-	-	-	-	-	1,480	-	1,480
Adopted FY 2017 CIP	1,480	-	-	-	-	-	1,480	-	1,480
Local Tax Funding	1,480	-	-	-	-	-	1,480	-	1,480



HIGH SCHOOLS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
Modular Classroom Removal (10) Briar Woods HS									
Adopted FY 2018	-	-	-	-	-	320	320	-	320
Local Tax Funding	-	-	-	-	-	320	320	-	320
Adopted FY 2017 CIP	-	-	280	-	-	-	280	-	280
Local Tax Funding	-	-	280	-	-	-	280	-	280
DIVISION/ OTHER SCHOOL PROJECTS									
Division Security Improvements									
Adopted FY 2018	-	-	11,484	-	-	-	11,484	-	11,484
General Obligation Bonds	-	-	11,484	-	-	-	11,484	-	11,484
Adopted FY 2017 CIP	-	-	-	-	9,570	-	9,570	-	9,570
Local Tax Funding	-	-	-	-	1,140	-	1,140	-	1,140
General Obligation Bonds	-	-	-	-	8,430	-	8,430	-	8,430
Joint Use Dry Bulk Storage Facility									
Adopted FY 2018	-	-	-	-	4,280	-	4,280	-	4,280
Lease Revenue Financing	-	-	-	-	4,280	-	4,280	-	4,280
Lovettsville Bus/ Visitor Parking									
Adopted FY 2018	-	-	-	-	660	-	660	-	660
Local Tax Funding	-	-	-	-	660	-	660	-	660
Adopted FY 2017 CIP	-	-	-	-	660	-	660	-	660
Local Tax Funding	-	-	-	-	660	-	660	-	660
Lucketts ES Waste Water Treatment Facility									
Adopted FY 2018	-	-	-	3,932	-	-	3,932	-	3,932
Local Tax Funding	-	-	-	3,932	-	-	3,932	-	3,932
School Bus Replacement and Acquisition									
Adopted FY 2018	-	5,265	4,148	-	-	-	9,413	-	9,413
Fund Balance	-	5,265	-	-	-	-	5,265	-	5,265
General Obligation Bonds	-	-	4,148	-	-	-	4,148	-	4,148
School Security Vestibules									
Adopted FY 2018	-	-	-	-	-	-	-	16,372	16,372
General Obligation Bonds	-	-	-	-	-	-	-	16,372	16,372
School Walking Tracks (18)									
Adopted FY 2018	-	-	-	-	-	-	-	1,799	1,799
General Obligation Bonds	-	-	-	-	-	-	-	1,799	1,799
Staff Training Center / Round Hill Support Facility Renovation									
Adopted FY 2018	-	-	-	-	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 2018	-	-	-	-	-	-	-	1,182	1,182
Local Tax Funding	-	-	-	-	-	-	-	1,182	1,182
Valley Service Center Replacement/Culbert ES Bus Parking									
Adopted FY 2018	-	-	-	-	-	-	-	28,727	28,727
General Obligation Bonds	-	-	-	-	-	-	-	28,727	28,727





Schedule of Financing and Referenda

General Obligation Bond Financing

The following projects are scheduled for general obligation bond financing requiring referendum in the FY 2017 – FY 2022 capital planning period. The referendum requires voter approval for the use of general obligation bond financing of public facilities.

REFERENDUM DATE	PROJECT	AMOUNT
November 2017	<u>General Government</u>	
	Farmwell Road	12,000,000
	Round Hill Fire Station Replacement	15,660,000
	<i>Subtotal, General Government</i>	<i>\$ 27,660,000</i>
	<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>	<i>81,761,000</i>
	Total November 2017 Referendum	\$ 109,421,000
November 2018	<u>General Government</u>	
	Crosstrail Boulevard	\$ 41,560,000
	Prentice Drive	12,000,000
	Route 9/287 Roundabout	13,255,000
	<i>Subtotal, General Government</i>	<i>66,815,000</i>
	<u>Schools</u>	
	ES-23 Dulles North	45,420,000
	<i>Subtotal, Schools</i>	<i>45,420,000</i>
	Total November 2018 Referendum	\$ 112,235,000
November 2019	<u>General Government</u>	
	Atlantice Boulevard - Shared Use Path and Sidewalk	\$ 5,200,000
	Dulles West Boulevard - Arcola to Northstar	10,600,000
	Evergreen Mills Road - Belmont Ridge to Stone Springs	7,280,000
	Evergreen Mills Road - Stone Springs to Arcola	7,300,000
	Evergreen Mills Road - Arcola to Loudoun County Pkwy	5,500,000
	Fields Farm Park	29,185,000
	Fire and Rescue Training Academy Expansion	6,500,000
	Leesburg South Fire Station	17,600,000
	Metro Capital Contribution	28,000,000
	Philip A. Bolen Park Phase II	6,175,000
	Route 7 / Route 287 Interchange	1,345,000
	Scott Jenkins Park Phase III	1,755,000
	STEM Library	47,000,000
	Westwind Drive - State Street to Ladbrook Drive	13,000,000
	Sterling Boulevard / WO&D Overpass	7,745,000
	<i>Subtotal, General Government</i>	<i>\$ 194,185,000</i>
	<u>Schools</u>	
	ES-29, Dulles South	47,464,000
	Elementary School Classroom Additions – Countywide	15,520,000
	Staff Training Center/ Round Hill Support Facility Renovation	25,730,000
	<i>Subtotal, Schools</i>	<i>88,714,000</i>
	Total November 2019 Referendum	\$ 282,899,000



General Obligation Bond Financing

REFERENDUM DATE	PROJECT	AMOUNT
November 2020	<u>General Government</u>	
	Belmont Ridge Road - Shreveport to Evergreen Mills Rd	\$ 9,950,000
	Braddock Road - Rt 659 to Royal Hunter	2,000,000
	Croson Lane - Claiborne to Mooreview Pkwy	13,205,000
	Elk Lick Road Intersections - Rt 50 & Tall Cedars Pkwy	1,565,000
	Evergreen Mills Road - Northstar to Belmont Ridge	4,470,000
	Evergreen Mills Road Realignments - Watson & Reservoir	3,815,000
	Franklin Park to Purcellville Trail	5,000,000
	Harmony Middle School Sidewalk	1,260,000
	Northstar - Tall Cedars Pkwy to Braddock Rd	2,500,000
	Philomont Fire Station Replacement	15,925,000
	Poland Road Shared Use Path - Edgewater to Poland Hill	1,220,000
	River Creek Sidewalk	1,315,000
	Route 50 / Everfield Roundabout	2,505,000
	<i>Subtotal, General Government</i>	<i>\$ 64,730,000</i>
	<u>Schools</u>	
	ES-24, Central Loudoun	49,600,000
	<i>Subtotal, Schools</i>	<i>\$ 49,600,000</i>
	Total November 2020 Referendum	\$ 114,330,000
	Total Bond Referenda	\$ 618,885,000

Previous Approved General Obligation Bond Financing

The following bond referenda were previously approved, FY 2014 – 2016, by Loudoun County voters for 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



Previous Approved General Obligation Bond Financing

REFERENDUM DATE	PROJECT	AMOUNT
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 2017 – FY 2022 planning period and do not require a referendum.

ANTICIPATED SALE	PROJECT	AMOUNT
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 2017	\$ 69,735,000
FY 2018	County Landfill Reclamation Project	\$ 5,980,000
	DS Group Residence - Purcellville	2,125,000
	LMIS Replacement	6,000,000
	Public Safety Redundant Prime Tower	1,450,000
	Juvenile Detention Center Phase I	5,000,000
	Total 2018	\$ 20,555,000



Lease Revenue Financing

FY 2019	Aldie Fire and Rescue Station Replacement	\$	4,000,000
	County Landfill Sequence V Closure		1,350,000
	Total 2019	\$	5,350,000
FY 2020	Major Computer System Replacement	\$	3,500,000
	Consolidated Shops and Warehouse		4,000,000
	County Landfill Sequence 1A Cap		1,500,000
	County Landfill Sequence V Closure		5,060,000
	Brambleton Library		7,030,000
	Total 2020	\$	21,090,000
FY 2021	Consolidated Shops and Warehouse	\$	3,500,000
	Courts Complex Phase III		9,600,000
	DS Group Residence – Eastern Loudoun		2,375,000
	Joint Use Dry Bulk Storage Facility		4,280,000
	Waterford Animal Shelter Renovation		2,000,000
	Total 2021	\$	21,755,000
FY 2022			
	Total 2022	\$	0
Total Six-Year Lease Revenue Financing		\$	138,485,000

Previous Approved Lease Revenue Financing

The following projects were approved in previous years, FY 2015 – 2016, for lease revenue financing and did not require a referendum.

CLOSING DATES	PROJECT		AMOUNT
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 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 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 2018 - 2022 in the maximum amount of \$1,327,754,183. 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 2: IMPACT ON FUTURE DEBT RATIOS					
Amended FY 2018 - FY 2022					
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Beginning Net Tax Supported Debt	\$ 1,509,866,275	\$1,708,967,944	\$1,848,163,354	\$1,963,802,228	\$2,029,102,551
Plus:					
New Debt Issued	330,988,983	280,627,000	268,987,500	223,568,700	223,582,000
Less:					
Retired Debt (Old)	131,887,314	125,061,590	119,538,626	107,333,377	95,840,000
Retired Debt (New)	0	16,370,000	33,810,000	50,935,000	65,830,000
Ending Net Tax Supported Debt	\$1,708,967,944	\$1,848,163,354	\$1,963,802,228	\$2,029,102,551	\$2,091,014,551
Debt Service (1)	\$190,020,438	\$211,735,276	\$234,383,910	\$244,681,164	\$251,404,957
Population	393,345	402,167	410,449	418,450	426,346
Public School Enrollment	81,622	83,624	85,514	86,531	87,569
Estimated Property Value (in Million)	\$86,439	\$91,761	\$97,214	\$102,766	\$108,054
Per Capita Income	\$78,600	\$81,800	\$84,500	\$86,800	\$89,300
Expenditures (in Thousands)	\$2,366,689,861	\$2,485,024,354	\$2,609,275,572	\$2,739,739,350	\$2,876,726,318
Ratios:					
Debt to Estimated Property Value (Fiscal Policy Target = <3%)	1.98%	2.01%	2.02%	1.97%	1.94%
Debt to Per Capita Income (Fiscal Policy Target = <8%)	5.53%	5.62%	5.66%	5.59%	5.49%
Debt Service to Expenditures (Fiscal Policy Target = <10%)	8.03%	8.52%	8.98%	8.93%	8.74%
Ten-Year Debt Payout Ratio (Fiscal Policy Target = >60%)	62.3%	62.2%	62.4%	63.2%	63.8%
Annual Debt Issuance Guideline:					
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Less:					
Debt Issuance Projected	\$223,988,983	\$223,797,000	\$219,427,500	\$223,568,700	\$223,582,000
Remaining Debt Capacity	\$1,011,017	\$1,203,000	\$5,572,500	\$1,431,300	\$1,418,000
Affordability Index: (2)					
Outstanding Debt Guideline	\$2,229,272,676	\$2,360,980,297	\$2,488,735,834	\$2,613,566,880	\$2,737,937,538
Outstanding Debt Projected	\$1,708,967,944	\$1,848,163,354	\$1,963,802,228	\$2,029,102,551	\$2,091,014,551
Overlapping Debt: (3)					
Overlapping Debt Guideline	\$648,292,500	\$688,207,500	\$729,105,000	\$770,745,000	\$810,405,000
Overlapping Debt Projected	\$151,573,866	\$143,984,315	\$137,652,722	\$131,260,294	\$124,759,529
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 does not include the projected construction costs of the Dulles Corridor Metrorail Project, the three Loudoun County-based Metrorail garages, or the County Landfill.					



Capital Improvement Program

FY 2018 Adopted Budget

Completed Projects







Completed Projects

GENERAL GOVERNMENT	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.				
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.				
PARKS, RECREATION & CULTURE	Completion Date	Planning Subarea	Election District	Budget
Ashburn Park Restrooms	Spring 2014	Ashburn	Ashburn	\$250,044
Description: This project installed public restrooms where temporary facilities had been in use.				
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 on approximately 26-acres to the east and 33-acres to the west of Route 659, Belmont Ridge Road. This project adds fencing, paved parking lots, trails, public restrooms and athletic field lighting to the park. Additional proffers will need to be identified in order to complete the western section of the park.				
Byrne's Ridge Park Restrooms and Lighting Restrooms	Fall 2015	Dulles	Dulles	\$2,145,000
Description: This project installed public restrooms where temporary facilities had been in use and provided athletic field lighting for four baseball fields and two rectangular fields.				
Conklin Park Restrooms Restrooms	Spring 2015	Dulles	Dulles	\$275,000
Description: This project installed public restrooms where temporary facilities had been in use.				
Gwen Thompson Briar Patch Park Restrooms	Spring 2014	Sterling	Sterling	\$275,000
Description: This project installed public restrooms where temporary facilities had been in use.				
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.				
Potomac Lakes Sportsplex Softball Lights	Summer 2014	Potomac	Algonkian	\$330,000
Description: This project upgraded and replaced softball field lights at the park.				
Potomac Lakes Lighting	Summer 2014	Potomac	Algonkian	\$1,170,049
Description: This project installed field lights at the park.				
Scott Jenkins Park Phase I Softball Lights	Spring 2014	Route 7 West	Blue Ridge	\$5,288,000
Description: Includes the construction of the 250-space Harmony Park and Ride Lot, grade the entire 57.77 acre site, and construct a large baseball field with associated parking.				
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.				
ECC/E-911 Communications Center	Fall 2015	Leesburg	Catoctin	\$12,065,000
Description: This project provided for the build-out of 11,000-square-feet at 801 Sycolin Road in Leesburg for the E911 Emergency Communications Center. This re-locates the E911 Center from the basement of the Fire and Rescue Training building. Operations began at the new location on November 3, 2015.				
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.				



Completed Projects

PUBLIC ELEMENTARY SCHOOLS				
Completion Date	Planning Subarea	Election District	Budget	
Cardinal Ridge Elementary School <i>ES-21</i>	Fall 2014	Dulles	Dulles	\$28,820,000
Description: This project will design and construct a prototypical two story elementary school at an estimated 105,950 square feet on a School Board owned site adjacent to J. Michael Lunsford Middle School in the Dulles Planning Subarea. The elementary school will be designed for an anticipated program capacity of 928 students enrolled in kindergarten through the fifth grade.				
Discovery Elementary School <i>ES-22</i>	Fall 2013	Ashburn	Broad Run	\$25,705,000
Description: This project designed and constructed a 91,100 square foot elementary school on the County owned Farmwell Road site in Ashburn. The elementary school was designed for an anticipated program capacity of 875 students enrolled in kindergarten through the fifth grade.				
Moorefield Station Elementary School <i>ES-16</i>	Fall 2013	Ashburn	Dulles	\$26,330,000
Description: This project designed and constructed a 91,100 square foot elementary school on a County owned site in the Moorefield Station development. The site was proffered to the County by the developer of Moorefield Station. The elementary school was designed for an anticipated program capacity of 875 students enrolled in kindergarten through the fifth grade.				
PUBLIC MIDDLE SCHOOLS				
Completion Date	Planning Subarea	Election District	Budget	
Mercer Middle School <i>Addition</i>	Fall 2014	Dulles	Dulles	\$4,310,000
Description: This project constructs an addition to the Mercer Middle School that provides nine new classrooms and increases the school student capacity to 1,303 students.				
Trailside Middle School <i>MS-6</i>	Fall 2014	Ashburn	Ashburn	\$25,370,000
Description: This project will construct an estimated 175,060 square foot middle school located adjacent to the Newton Lee Elementary School in Ashburn. The middle school will be designed for an anticipated program capacity of 1,184 students enrolled in grades six through eighth.				
PUBLIC HIGH SCHOOLS				
Completion Date	Planning Subarea	Election District	Budget	
Freedom High School <i>Addition</i>	Fall 2015	Dulles	Dulles	\$5,010,000
Description: This project adds ten classrooms to Freedom High School in South Riding. The additional classrooms will increase the student capacity at the high school to 1,846 students.				
Loudoun County High School <i>Stadium</i>	Fall 2015	Leesburg	Leesburg	\$2,630,000
Description: This project provides upgrades to the Loudoun County High School stadium in Leesburg. The improvements include synthetic turf and new restrooms.				
Loudoun Valley High School <i>Renovation</i>	Fall 2014	Route 7 West	Blue Ridge	\$29,000,000
Description: This project renovates the athletic facilities at Loudoun Valley High School in Purcellville. Improvements include a new baseball field, upgraded softball field, new tennis courts, and synthetic turf for the football stadium and practice field, new track, restrooms, shot put area, and additional parking. The project also includes an addition to the school for wrestling, a weight room, new lockers, orchestra classroom and administrative spaces.				
Park View High School <i>Stadium</i>	Fall 2014	Sterling	Sterling	\$1,000,000
Description: This project provides an artificial turf upgrade at the Park View High School football field stadium. Funding for this project includes \$100,000 from the NFL Grassroots Grant program, \$100,000 matching grant funds from the Washington Redskins Charitable Foundation and \$800,000 appropriated by the Loudoun County Board of Supervisors to the School capital fund.				
Rock Ridge High School <i>HS-6</i>	Fall 2014	Dulles	Dulles	\$90,240,000
Description: This project designed and constructed an estimated 282,600-square-foot two-story high school on a School Board owned site at 43460 Loudoun Reserve Drive in Ashburn. The high school will be designed for an anticipated program capacity of 1,800 students enrolled in grades nine through twelve.				
Riverside High School <i>HS-8</i>	Fall 2015	Ashburn	Ashburn	\$90,010,000
Description: This project designed and constructed an estimated 282,600-square-foot two-story high school on a School Board owned site at 19019 Upper Belmont Place in Lansdowne. The high school will be designed for an anticipated program capacity of 1,800 students enrolled in grades nine through twelve.				



Completed Projects

TRANSPORTATION	Completion Date	Planning Subarea	Election District	Budget
Belfort Area Road Improvements	Summer 2015	Sterling	Sterling	\$8,300,000
Description:	This project provides the Virginia Department of Transportation (VDOT) road improvements to the Belfort area of the Sterling Community and is a VDOT administered project. Construction began in August 2014 and has been completed. A Ribbon Cutting ceremony was held on July 30, 2015. Street name changes that were approved by the Board of Supervisors on July 17, 2015 became effective on July 24, 2015.			
Belmont Ridge Rd - 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.			
Claude Moore Park Pedestrian Trail	Summer 2014	Sterling	Sterling	\$650,012
Description:	This project constructed approximately 5,600 linear feet of 8-foot wide asphalt trail with an additional 1,400 linear feet of 5-foot wide gravel trail within the Claude Moore Park boundaries. The ADA compliant asphalt trail provides a continuous paved surface from Cascades Parkway (Route 637) on the western boundary of the park to West Juniper Avenue on the eastern boundary of the park. The gravel trail installed improves upon an existing earthen trail that connects the Claude Moore Recreation Center to West Church Road on the southern boundary of the park.			
Crostrail Boulevard - Segment A1	Summer 2015	Catoctin	Catoctin	\$13,136,000
Description:	The project entails the design and construction of Crosstrail Boulevard Segment A1. Segment A1 is from Kincaid Boulevard to Claudia Drive (including Kincaid Boulevard) on the County Government Support site. Segment A1 construction began December 2013 and has been completed; including additional work that was necessary for the relocation of a section of the Town's waterline that was impacted by the road construction.			
East Gate Park and Ride Lot	Summer 2015	Dulles	Dulles	\$3,300,000
Description:	This project designs and constructs a 220-space Park & Ride Lot co-located with a public park on a proffered site in the East Gate Community located in the Dulles Planning Subarea. Construction began Summer 2014 and the project achieved Final Completion in September 2015. The Park & Ride and transit services opened for use on August 17, 2015.			
Dulles Town Center Park and Ride Lot	Spring 2015	Sterling	Sterling	In-Kind Proffer
Description:	This project constructed 100 Park and Ride spaces in the vicinity of the Dulles Town Center Mall. The Park and Ride Lot was constructed and dedicated to the County by Lerner as an in-kind proffer. Future phases of the project will deliver an additional 200 spaces at the lot.			
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 project is being administered by VDOT as a design-build project.			
Gloucester/Smith Switch/Ashby Ponds Intersection	Winter 2017	Ashburn	Broad Run	\$630,000
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.			
Murray's Ford Bridge	Summer 2014	Ashburn, Leesburg	Blue Ridge, Catoctin	\$420,000
Description:	This project provided funding to remove Murray's Ford Bridge from the Goose Creek. The bridge had not been in use as a road since the 1970's, and was acting as a dam on the creek which had caused harmful sediment and debris buildup.			
Northstar Boulevard and Ryan Road Intersection	Winter 2017	Dulles	Blue Ridge	\$304,500
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 project is being administered by VDOT as a design-build project.			
Potomac View Road Pedestrian Improvements	Spring 2013	Potomac	Algonkian	\$87,664
Description:	This project provided a pedestrian pathway for transit riders including bus shelters along Potomac View Road.			
River Creek Parkway Trail	Summer 2015	Dulles	Catoctin, Leesburg	\$280,900
Description:	This project completed construction of an asphalt trail along the eastern side of River Creek Parkway between Potomac Station Drive and Riverside Parkway. The trail was opened for use in September.			



Completed Projects

TRANSPORTATION	Completion Date	Planning Subarea	Election District	Budget
Riverside Parkway - River Creek to Upper Meadow	Spring 2015	Leesburg	Leesburg	\$4,261,846
Description: This project provides for the widening of Riverside Parkway from two to four lanes between River Creek Parkway and Upper Meadow Drive.				
Route 7 / 287 Interchange Study	Summer 2013	Route 7 West	Blue Ridge, Catoclin	\$200,000
Description: The Board of Supervisors approved funding for a Virginia Department of Transportation study of the Route 7 and Route 287 Interchange near the Town of Purcellville to identify solutions that would mitigate traffic problems at the interchange's exit ramp. The Virginia Department of Transportation completed the study which identified traffic improvements that VDOT constructed and are operational.				
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.				
Smith Switch Road		Ashburn	Broad Run	\$950,000
Description: This project designs and constructs the paving of Smith Switch Road and provides a ten (10) foot shared use trail between Gloucester Parkway and the W&OD Trail. The project is being administered under contract with Loudoun County by Capretti Land, LLC, the developer of Stonegate, in furtherance of the proffer to improve Smith Switch Road.				
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.				
Sterling Boulevard Sidewalk	Winter 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 Expansion	Spring 2013	Dulles	Dulles	In-Kind Proffer
Description: This project provided a 100 space expansion to the existing Stone Ridge Park and Ride Lot along Millstream Drive in the Stone Ridge development. The Park and Ride Lot was constructed and dedicated to the County by Van Metre as an in-kind proffer.				
Tall Cedars Parkway and Poland Road Signal & Turn Lanes	Winter 2017	Dulles	Dulles	\$490,000
Description: This project includes the installation of a new traffic signal and a westbound turn-lane on Tall Cedars Parkway to southbound Poland Road.				
Town of Middleburg Crosswalks	Fall 2016	Middleburg	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.				
Transit Maintenance Operations Facility	Winter 2014	Leesburg	Catoclin	\$12,595,506
Description: This project designed and constructed a Transit Maintenance and Operations Facility to support County transit services. The facility consist of bus maintenance bays, service areas and administrative office space. The facility is designed to meet service levels through 2030.				

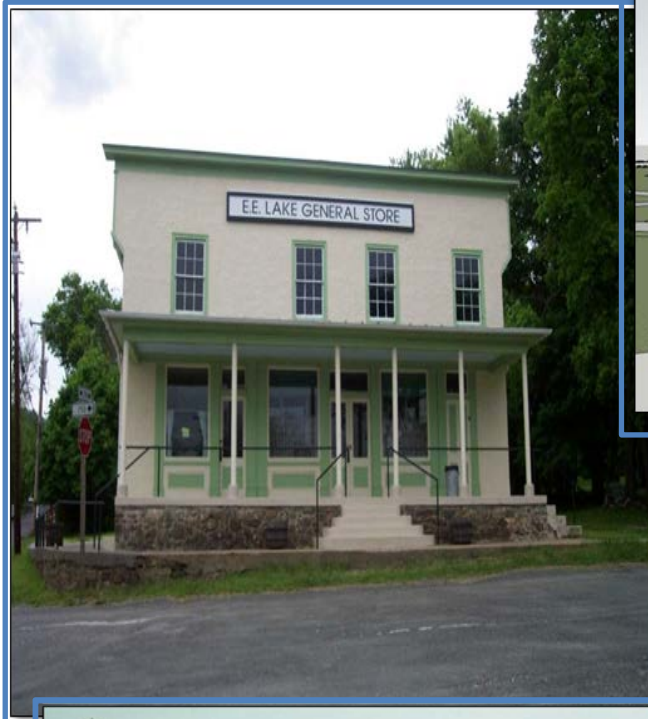


Capital Improvement Program

FY 2018 Adopted Budget

Previously Authorized Projects







Previously Authorized Projects

HEALTH & WELFARE					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Round Hill Group Residence	Design	Summer 2018	Route 7 West	Blue Ridge	\$1,620,000
Description: This project designs a group residence for construction on a proffered site located 17394 Arrowood Place in the Villages at Round Hill.					
Youth Shelter Renovation	Construction	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					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Athletic Field Turf & Irrigation	Construction	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 <i>Restrooms</i>	Construction	Winter 2017	Ashburn	Algonkian	\$281,400
Description: This project provides funding to install a public restroom building in Bles Park.					
Claude Moore Park <i>Restrooms & Lights</i>	Construction	Fall 2017	Sterling	Sterling	\$460,500
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 <i>Phase II & III</i>	Construction	Spring 2017	Dulles	Dulles	\$43,095,000
Description: This project provides funding for the Phase II construction of an approximately 81,300 square feet aquatic and recreation center addition to the Dulles Multipurpose Center located on Riding Center Drive in the South Riding community.					
Edgar Tillett Memorial Park	Construction	Summer 2017	Ashburn	Blue Ridge	\$2,379,400
Description: This project provides for improvements to the 51.5-acre park site off of Belmont Ridge Road near the Broadlands development. The park currently contains two lighted baseball and two lighted softball fields with associated parking. This park project will provide ADA accessible parking and ramps, and construct new public restroom and concession facilities through the utilization of cash proffers.					
E. E. Lake Store	Construction	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, improvements to address code compliance, and renovations for ADA accessibility to include public restrooms.					
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.					
Lyndora Park <i>Restrooms</i>	Construction	Winter 2017	Ashburn	Dulles	\$535,000
Description: This project funds the installation of a public restroom building in Lyndora Park. This budget includes the value of the land that was proffered.					
Moorefield Station Community Park	Design	Spring 2017	Ashburn	Dulles	\$7,490,000
Description: This project designs and constructs a Community Park co-located on the same site as the Moorefield Elementary School site. The community park 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	Summer 2018	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 2017	Route 7 West	Catoctin	\$8,788,000
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	TBD	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.					



Previously Authorized Projects

PARKS, RECREATION & CULTURE					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Sterling Library	Construction	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.					
Trailside Park Restrooms	Construction	Fall 2017	Ashburn	Ashburn	\$275,000
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	Fall 2017	Route 7 West	Blue Ridge	\$384,500
Description: This project funds the installation of a public restroom building in Woodgrove Park.					
PUBLIC SAFETY					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Animal Service Facility	Design	Summer 2017	Leesburg	Catoctin	\$18,614,900
Description: This project funds the design and construction of a 25,000 square foot animal services facility to replace the existing County Animal Services facility in Waterford.					
Ashburn Sheriff Station	Construction	Summer 2017	Ashburn	Broad Run	\$14,839,900
Description: This project constructs an 18,000-square-foot Sheriff Station on a county-owned site of approximately 5-acres in the One Loudoun community. The station will include offices, work rooms, interview rooms, processing areas, evidence storage and equipment storage.					
Fire & Rescue Training Prop Lots	FFE	TBD	Leesburg	Catoctin	\$2,103,550
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.					
Fire Station Alerting System	Construction	Fall 2017	N/A	N/A	\$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.					
Kirkpatrick Fire & Rescue Station	Construction	Winter 2017	Dulles	Blue Ridge	\$12,930,000
Description: This project provides funding to design and construct a new 13,000 - 15,000 square foot 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.					
Public Safety Firing Range	Design	Spring 2017	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	TBD	Countywide	Countywide	\$1,570,000
Description: This project provides funding to equip seventy-six 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). Currently, Allder School Road is unpaved from its intersection with Woodgrove Road to approximately 0.3 miles west of its intersection with Hillsboro Road. The project includes a 21-foot wide, 16-foot long bridge which carries Allder School Road over the South Fork of Catoctin Creek.					
Ashburn Road Sidewalks	Land Acquisition	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.					



Previously Authorized Projects

TRANSPORTATION					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
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 necessary to complete the road, allowing for a continuous facility from Route 7 to Loudoun County Parkway.					
Croson Lane	Construction	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.					
Edgewater Street & Poland Road Intersection	Design	Spring 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.					
Loudoun County Parkway and Center Street Intersection	Construction	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.					
Metro Parking Garages	Design	Spring 2017	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.					
Mooreview Parkway	Construction	Spring 2018	Ashburn	Dulles	\$9,678,600
Description: This project provides funding to construct the segment of Mooreview Parkway between Amberleigh Farm Drive 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.					
Stone Ridge Park and Ride Lot	Construction	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.					
Riverside Parkway Loudoun County Parkway to Lexington	Construction	Winter 2017	Ashburn	Algonkian	\$15,196,400
Description: This project funds the design and construction of a 4 lane divided road segment between Loudoun County Parkway and Lexington Drive, a new Loudoun Water main along Smith Circle, and a temporary traffic signal at Loudoun County Parkway and George Washington Boulevard.					
Riverside Parkway Lexington Drive to Janelia Farm	Design	Summer 2018	Ashburn	Ashburn, Algonkian	\$3,750,000
Description: This project constructs the missing link segment of 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	Land Acquisition	Summer 2017	Route 7 West	Blue Ridge	\$2,639,950
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 / 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	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.					



Previously Authorized Projects

TRANSPORTATION					
	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
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.					
Sterling Area Sidewalks	Construction	Spring 2017	Sterling	Sterling	\$668,950
Description: This project provides for the design and construction of sidewalk improvements in the Sterling Area.					
Tall Cedars Parkway	Construction	Spring 2018	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.					
Traffic Signal Emergency Backup System	FFE	TBD	Countywide	Countywide	\$408,600
Description: This project provides funding to equip specific, high priority traffic volume intersections in the County with backup, emergency 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 in the Ashburn Planning Subarea of the County. The project also includes the installation of a traffic signal at the intersection of Waxpool Road and Ashburn Village Parkway.					
Waxpool Road <i>Intersection Improvements</i>	Land Acquisition	Spring 2017	Ashburn	Broad Run	\$7,400,000
Description: This project designs and constructs intersection improvements and turn lanes at Waxpool Road and Pacific Boulevard, and Waxpool Road and Broderick Drive.					

The Expected Completion Dates are subject to change, and are based upon information provided in the FY 2017, 3rd Quarter CIP Project Status Report provided to the Board's Finance/Government Services and Operations Committee Meeting on January 10, 2017.



Capital Improvement Program

FY 2018 Adopted Budget

County Capital Projects

Contents

Administration	10-07
General Government	10-11
Health and Welfare	10-29
Parks, Recreation, and Culture	10-35
Public Safety	10-51







COUNTY CAPITAL PROJECTS

Table of Contents

Administration Projects Summary	10-7
Land Acquisition Fund	10-9
Major Computer Systems	10-10
General Government Projects Summary	10-11
Capital Project Management	10-13
Consolidated Shops and Warehouse	10-14
Eastern Service Center	10-15
General Government Office Space Purchase	10-16
General Government Office Space - Sycolin Road Phase I	10-17
Howardsville Wastewater System	10-18
Landfill Reclamation Project	10-19
Landfill Sequence 1A Cap & Closure	10-20
Landfill Sequence V Closure	10-21
Public Safety Radio System - Redundant Master/Prime Site	10-22
Storm Water Management	10-23
Town of Hillsboro - Old Stone School/Town Hall	10-24
Town of Hillsboro - Water System	10-25
Water/ Wastewater Fund	10-26
Waterford Space Renovation	10-27
Health and Welfare Projects Summary	10-29
Adolescent Independent Living Residence	10-31
DS Group Residence - Eastern Loudoun	10-32
DS Group Residence - Purcellville	10-33
Parks, Recreation and Culture Projects Summary	10-35
Ashburn Recreation and Community Center	10-37
Ashburn Senior Center	10-38
Brambleton Library	10-39
Claude Moore Recreation Pool Seating Expansion	10-40
Fields Farm Park	10-41
Franklin Park to Purcellville Trail	10-42
Hal and Berni Hanson Regional Park	10-43
Lovettsville Community Center Replacement	10-44
Lovettsville District Park Phase II	10-45
Philip A. Bolen Memorial Park Phase II	10-46
Scott Jenkins Memorial Park Phase III	10-47
STEM Library	10-48
Town of Leesburg - Veteran's Park	10-49
Town of Round Hill - Sleeter Lake Park	10-50



COUNTY CAPITAL PROJECTS

Table of Contents

Public Safety Projects Summary	10-51
Courts Complex Phase III	10-53
F&R Capital Apparatus	10-54
F&R Station #04 - Round Hill Station Replacement	10-55
F&R Station #07 - Aldie Station Replacement	10-56
F&R Station #08 - Philomont Station Replacement	10-57
F&R Station #10 - Lucketts Station Replacement	10-58
F&R Station #12 - Lovettsville Station Replacement	10-59
F&R Station #20 - Leesburg VFC Station Expansion	10-60
F&R Station #28 - Route 606	10-61
F&R Station #29 - Leesburg South Station	10-62
F&R Training Academy Expansion	10-63
F&R Training Tower	10-64
F&R Vehicle Annex	10-65
Juvenile Detention Center Phase I	10-66
Juvenile Detention Center Phase II	10-67



Capital Improvement Program by Functional Area

Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP	Total
---------	----------------	------------	---------	---------	---------	---------	---------	---------	--------------	-------------	-----	-------

General Capital Projects Fund

Budgetary Cost

Capital Fund Balance	-	-	3,900	-	-	-	-	-	3,900	-	-	3,900
Administration	306,317	-	7,000	1,480	5,000	-	-	-	13,480	-	-	319,797
General Government	143,874	26,463	25,122	22,190	29,345	24,845	20,125	148,090	218,005	-	-	509,969
Health and Welfare	-	-	2,125	-	-	2,375	-	4,500	6,145	-	-	10,645
Parks, Recreation and Culture	18,700	44,193	108,160	-	7,100	28,710	71,935	260,098	-	-	-	278,798
Public Safety	92,348	81,840	8,020	8,900	18,040	21,300	21,240	159,340	55,630	-	-	307,318
Transportation	249,526	106,883	116,471	109,711	173,922	158,519	138,998	804,504	635,505	-	-	1,689,535
Budgetary Cost	810,765	259,379	270,798	142,281	233,407	235,749	252,298	1,393,912	915,285	-	-	3,119,962

Funding Source

Local Tax Funding	205,273	20,758	24,876	22,670	24,565	29,195	23,765	145,829	89,685	-	-	440,787
Local Tax Funding - Roads	18,935	15,000	15,200	15,000	15,000	15,000	14,630	89,830	56,480	-	-	165,245
Fund Balance	88,794	13,840	316	1,200	-	-	-	15,356	-	-	-	104,150
General Obligation Bonds	93,865	41,180	65,185	15,900	80,575	89,050	129,050	420,940	314,315	-	-	829,120
Lease Revenue Financing	178,413	69,735	19,105	6,800	21,090	17,475	-	134,205	151,660	-	-	464,278
Proffers (Cash)	19,375	34,408	46,958	500	3,008	-	266	85,140	-	-	-	104,515
State Capital Assistance	22,663	500	500	500	500	500	500	3,000	2,000	-	-	27,663
CMAQ	-	3,821	5,717	3,441	-	-	5,400	18,379	3,960	-	-	22,339
RSTP	10,122	12,422	102	3,077	9,669	11,313	4,500	41,083	5,800	-	-	57,005
State Revenue Sharing	15,831	10,000	10,000	10,000	10,000	10,000	10,000	60,000	4,625	-	-	80,456
NVTA 70% Regional	57,564	20,000	62,641	45,040	50,239	43,480	44,763	266,163	201,450	-	-	525,177
NVTA 30% Local	36,486	16,404	18,518	18,153	18,685	19,236	18,924	109,920	83,310	-	-	229,716
Fees	1,471	1,310	1,681	-	76	500	500	4,067	2,000	-	-	7,538
In Kind Proffers	51,409	-	-	-	-	-	-	-	-	-	-	51,409
Local Gasoline Tax	4,284	-	-	-	-	-	-	-	-	-	-	4,284
Proceeds from Land Sale	6,280	-	-	-	-	-	-	-	-	-	-	6,280
Total Funding Source	810,765	259,379	270,798	142,281	233,407	235,749	252,298	1,393,912	915,285	-	-	3,119,962





Capital Improvement Program

FY 2018 Adopted Budget

Administration



Capital Improvement Program by Functional Area

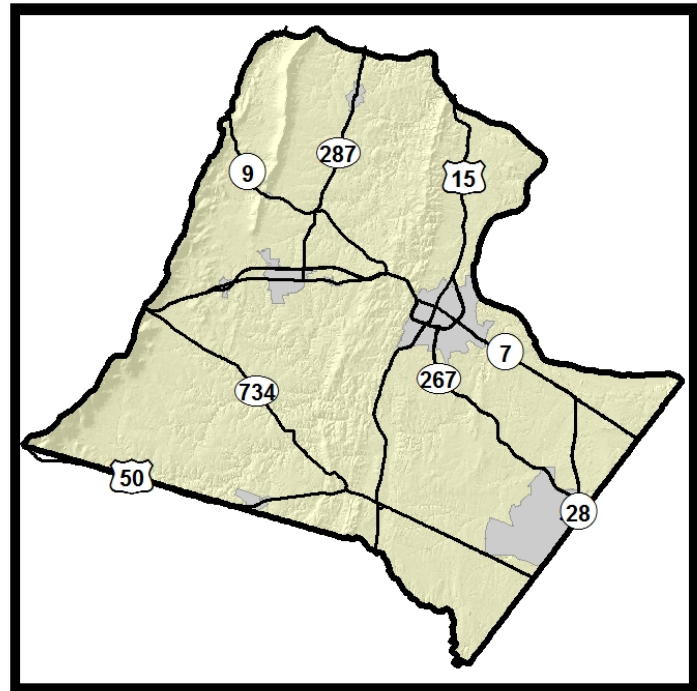
Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Administration											
Projects											
Land Acquisition Fund		247,317	-	1,000	1,480	1,500	-	-	3,980	-	251,297
Major Computer Systems		59,000	-	6,000	-	3,500	-	-	9,500	-	68,500
Budgetary Cost		306,317	-	7,000	1,480	5,000	-	-	13,480	-	319,797
Funding Source											
Local Tax Funding		95,316	-	1,000	1,480	1,500	-	-	3,980	-	99,296
Fund Balance		76,934	-	-	-	-	-	-	-	-	76,934
General Obligation Bonds		52,475	-	-	-	-	-	-	-	-	52,475
Lease Revenue Financing		23,730	-	6,000	-	3,500	-	-	9,500	-	33,230
Proffers (Cash)		1,855	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)		51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance		4,598	-	-	-	-	-	-	-	-	4,598
Total Funding Source		306,317	-	7,000	1,480	5,000	-	-	13,480	-	319,797

Project Description

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

Countywide



Administration

Major Computer Systems

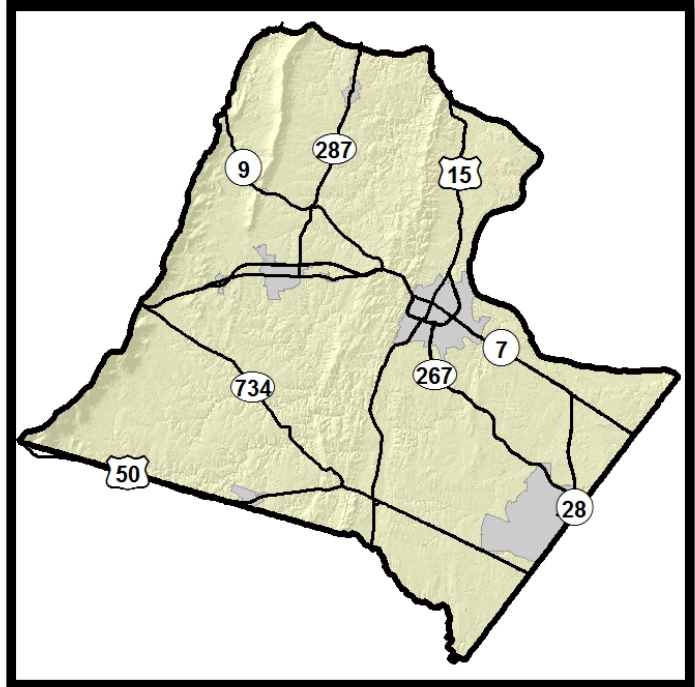
Project Description

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), a sub fund within the Capital Projects Fund. 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 2018 Land Management Information System (LMIS) replacement
FY 2020 Microsoft system upgrades

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

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	59,000	-	-	-	-	-	-	-	-	59,000
Other	-	-	6,000	-	3,500	-	-	9,500	-	9,500
Total Cost	59,000	-	6,000	-	3,500	-	-	9,500	-	68,500
Local Tax Funding	1,100	-	-	-	-	-	-	-	-	1,100
Fund Balance	40,000	-	-	-	-	-	-	-	-	40,000
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	17,900	-	6,000	-	3,500	-	-	9,500	-	27,400
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	59,000	-	6,000	-	3,500	-	-	9,500	-	68,500
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		38	150	1,134	1,183	1,394	1,347	5,246		
Total Impact		38	150	1,134	1,183	1,394	1,347	5,246		



Capital Improvement Program

FY 2018 Adopted Budget

General Government



Capital Improvement Program by Functional Area

Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
General Government											
Projects											
Capital Project Management		60,648	11,868	9,456	10,080	10,335	10,535	10,945	63,219	45,985	169,852
Consolidated Shops & Warehouse		31,200	-	-	-	4,000	3,500	-	7,500	-	38,700
Eastern Service Center		-	-	-	-	-	-	-	-	17,250	17,250
General Office Space Purchase		5,965	7,635	-	-	-	-	-	7,635	-	13,600
General Office Space - Sycolin Rd		-	-	-	-	-	-	-	-	123,070	123,070
Howardsville Wastewater System		1,595	-	-	1,200	-	-	-	1,200	-	2,795
Landfill Debt Service		1,471	1,310	1,681	-	-	-	-	2,991	-	4,462
Landfill Reclamation Project		15,500	-	5,980	-	-	-	-	5,980	-	21,480
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		-	-	1,625	1,450	-	-	-	3,075	-	3,075
Storm Water Management		25,850	3,500	3,675	5,860	6,150	6,460	6,780	32,425	21,600	79,875
Town of Hillsboro - Water System		1,345	-	425	-	-	-	-	425	-	1,770
Town of Hillsboro - Town Hall		-	-	80	-	-	-	-	80	-	80
Water/Wastewater Fund		300	2,150	2,200	2,250	2,300	2,350	2,400	13,650	10,100	24,050
Waterford Space Renovation		-	-	-	-	-	2,000	-	2,000	-	2,000
Budgetary Cost		143,874	26,463	25,122	22,190	29,345	24,845	20,125	148,090	218,005	509,969

Funding Source

Local Tax Funding	98,093	14,518	16,956	18,190	18,785	19,345	20,125	107,919	77,685	283,697
Fund Balance	700	3,000	-	1,200	-	-	-	4,200	-	4,900
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	41,665	7,635	5,980	2,800	10,560	5,500	-	32,475	140,320	214,460
Proffers (Cash)	800	-	505	-	-	-	-	505	-	1,305
Proceeds from Land Sale	1,145	-	-	-	-	-	-	-	-	1,145
Fees	1,471	1,310	1,681	-	-	-	-	2,991	-	4,462
Total Funding Source	143,874	26,463	25,122	22,190	29,345	24,845	20,125	148,090	218,005	509,969

Capital Project Management

Project Description – C00030, 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.

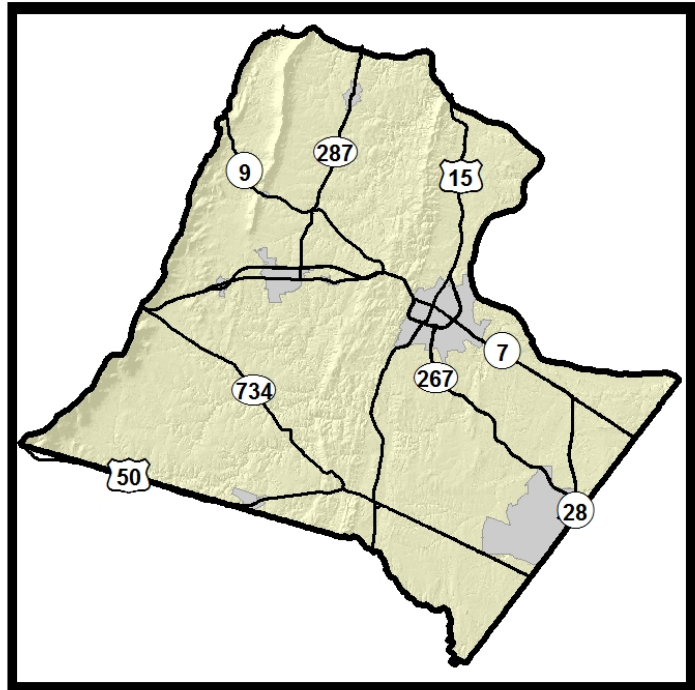
Additional information on the Department of Transportation and Capital Infrastructure, the Office of the County Attorney, and the Department of Finance and Procurement may be found in the operating budget section of this document.

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.

The CIP also 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



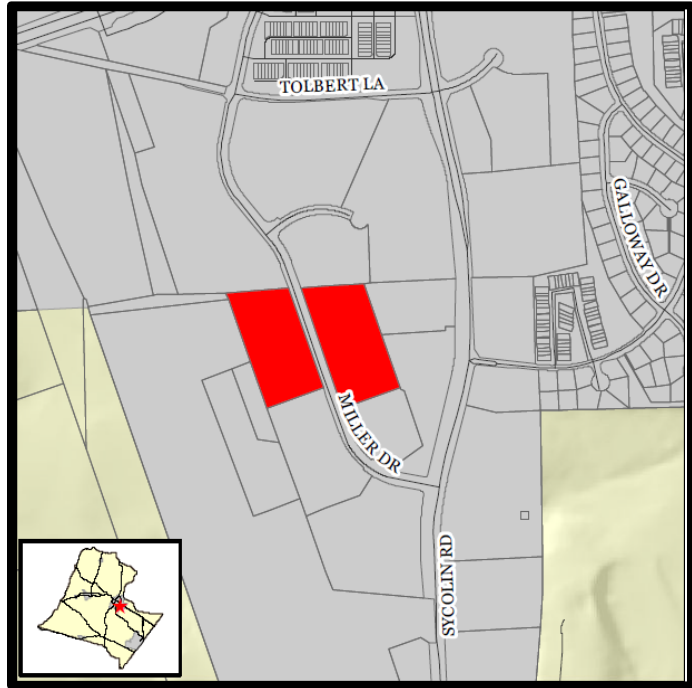
Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Professional Services	6,763	1,000	1,250	1,250	1,250	1,250	1,250	7,250	5,000	19,013
Transfer to General Fund	32,094	5,868	5,706	6,330	6,585	6,785	7,195	38,469	30,985	101,548
CIP Contingency	1,400	5,000	2,500	2,500	2,500	2,500	2,500	17,500	10,000	28,900
Operating Support (Staffing)	20,391	-	-	-	-	-	-	-	-	20,391
Operations & Maintenance	-	-	-	-	-	-	-	-	-	-
Total Cost	60,648	11,868	9,456	10,080	10,335	10,535	10,945	63,219	45,985	169,852
Local Tax Funding	60,448	8,868	9,456	10,080	10,335	10,535	10,945	60,219	45,985	166,652
Fund Balance	200	3,000	-	-	-	-	-	3,000	-	3,200
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	60,648	11,868	9,456	10,080	10,335	10,535	10,945	63,219	45,985	169,852

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	Future	Project
	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
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)	-	-	-	-	-	-	-	-	-	-
Total Financing	31,200	-	-	-	4,000	3,500	-	7,500	-	38,700

Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
O&M		955	965	974	984	993	1,003	5,874
Debt Service		-	-	-	100	483	731	1,314
Total Impact		955	965	974	1,084	1,476	1,734	7,188

Eastern Services Center

Project Description

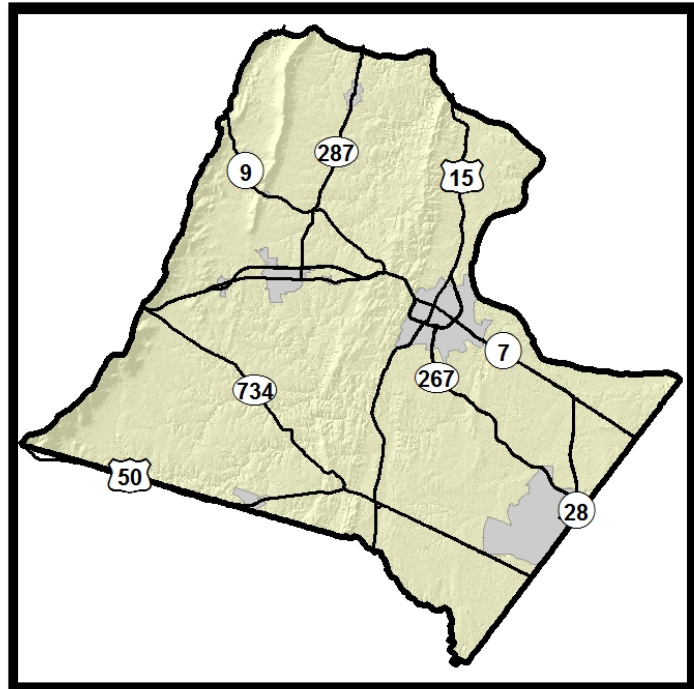
This project proposes to provide funding to acquire and renovate 60,000 square feet of office space in the eastern portion of the County to serve as an Eastern Community Services Center.

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

To Be Determined



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	17,250	17,250
Total Cost	-	-	-	-	-	-	-	-	17,250	17,250
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	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



General Government Office Space Purchase

Project Description – C02119

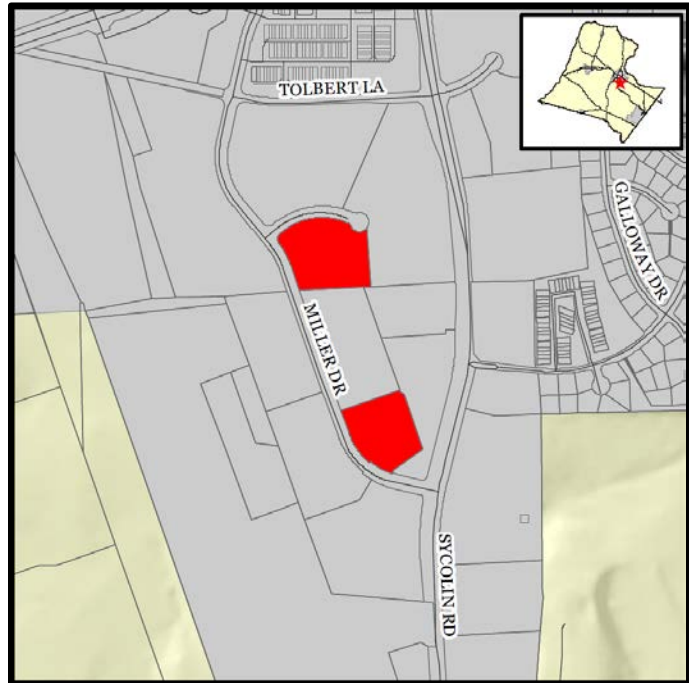
This project proposes to acquire 67,000 square feet of office space in two separate building purchases for County government office space needs in the Leesburg Planning Subarea – 101 Blue Seal Drive and the former Cornerstone Church Building on Miller Drive.

The Board directed staff to develop a Government Office Space Transition Strategy, which includes the acquisition of existing office or commercial buildings in specific areas of the County that provide synergy between the County seat in Leesburg and high population densities in eastern Loudoun. These facilities are in a targeted area of the County, and allow the County to move current County operations out of leased space into owned space, at a significant long-term cost savings to the County.

Project appropriations include \$5,165,000 in lease revenue financing and \$800,000 in cash proffer interest in prior fiscal year appropriations to purchase the Blue Seal Drive building, and provide an earnest deposit on the other. In FY 2017, \$7,635,000 in lease revenue financing is provided to purchase the Cornerstone Church building and renovate the existing space in both buildings.

Election District

To Be Determined



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	5,965	7,635	-	-	-	-	-	7,635	-	13,600
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	5,965	7,635	-	-	-	-	-	7,635	-	13,600
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	5,165	7,635	-	-	-	-	-	7,635	-	12,800
Proffers (Cash)	800	-	-	-	-	-	-	-	-	800
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	5,965	7,635	-	-	-	-	-	7,635	-	13,600
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
O&M		363	367	370	374	378	381	2,232		
Debt Service		-	810	790	770	749	729	3,848		
Total Impact		363	1,177	1,160	1,144	1,127	1,110	6,080		

General Government Office Space – Sycolin Road Phase I

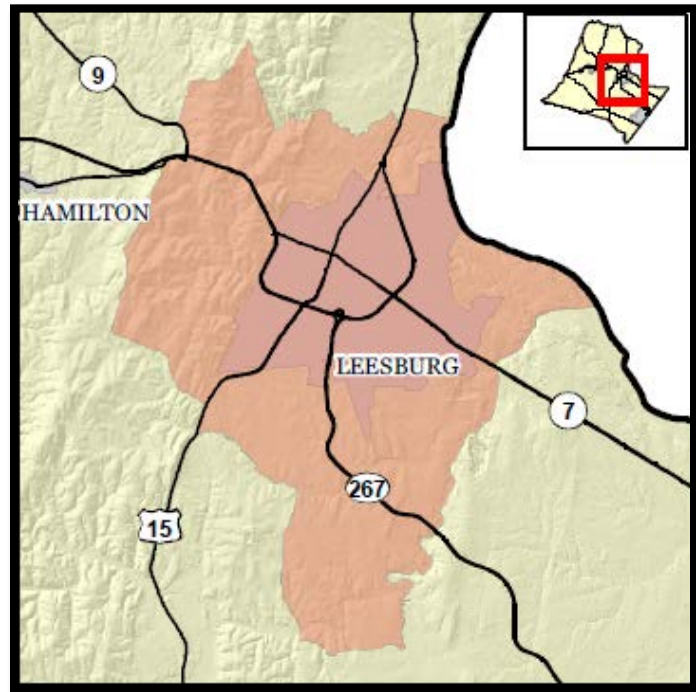
Project Description

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



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	15,565	15,565
Construction	-	-	-	-	-	-	-	-	97,380	97,380
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	10,125	10,125
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	123,070	123,070
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	123,070	123,070
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	123,070	123,070

Landfill Reclamation Project

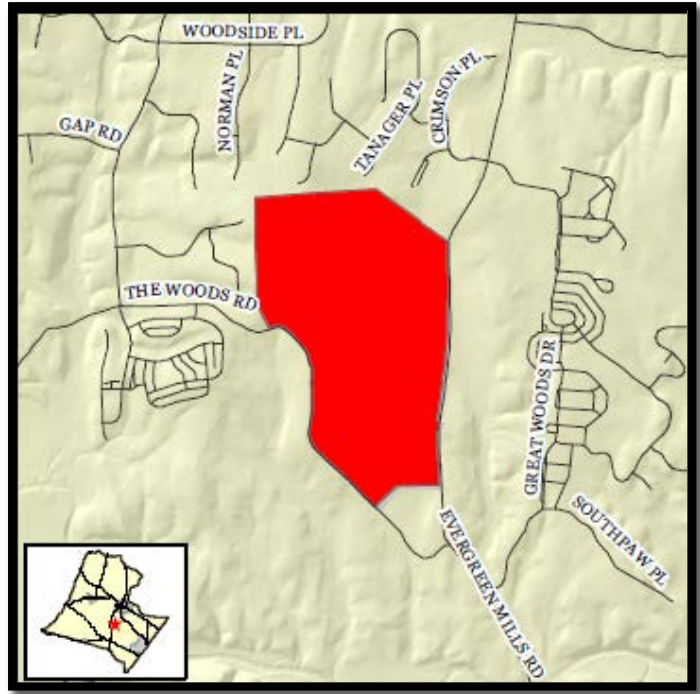
Project Description – C00214

This reclamation project is a voluntary remediation of the oldest, unlined portion of the County Landfill, which is located in the middle of the existing landfill between Phases I and II.

This existing, unlined area is the accepted source of pollutants in facility groundwater and poses a future remediation liability. This project consists of removing solid waste and cover soil from the earliest disposal areas within the facility. Following the removal and relocation of the waste to other lined areas of the landfill, the reclaimed site would then be lined per current regulatory standards and used for new disposal operations. Fees generated by the additional capacity gained from the reclamation will offset the majority of costs associated with the project.

The anticipated benefits of executing this project are to: 1. remove the source of groundwater contamination at the landfill; 2. remediate current groundwater contamination; and 3. gain cost effective, new landfill capacity without expanding the disposal footprint or constructing new infrastructure. This project is anticipated to be phased over a multi-year period utilizing contracted services.

The Department of General Services manages the Loudoun County Solid Waste Management Facility (Landfill). Operating costs for landfill disposal operations are offset by fees collected for service at the facility in keeping with the Loudoun County Board of Supervisors' policy of revenue neutrality for landfill operations. No additional operational resources are required for the reclamation project.



Election District

Catoctin

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	15,500	-	5,980	-	-	-	-	5,980	-	21,480
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	15,500	-	5,980	-	-	-	-	5,980	-	21,480
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	15,500	-	5,980	-	-	-	-	5,980	-	21,480
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	15,500	-	5,980	-	-	-	-	5,980	-	21,480
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		150	175	828	1,291	1,481	1,442	5,367		
Total Impact		150	175	828	1,291	1,481	1,442	5,367		

Landfill Sequence 1A Cap & Closure

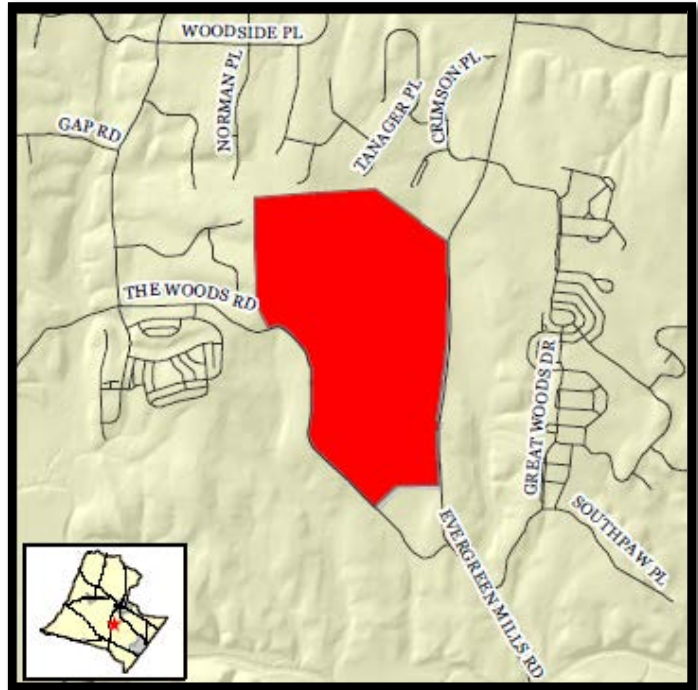
Project Description

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). 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



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	38	148	144	330		
Total Impact		-	-	-	38	148	144	330		



Landfill Sequence V Closure

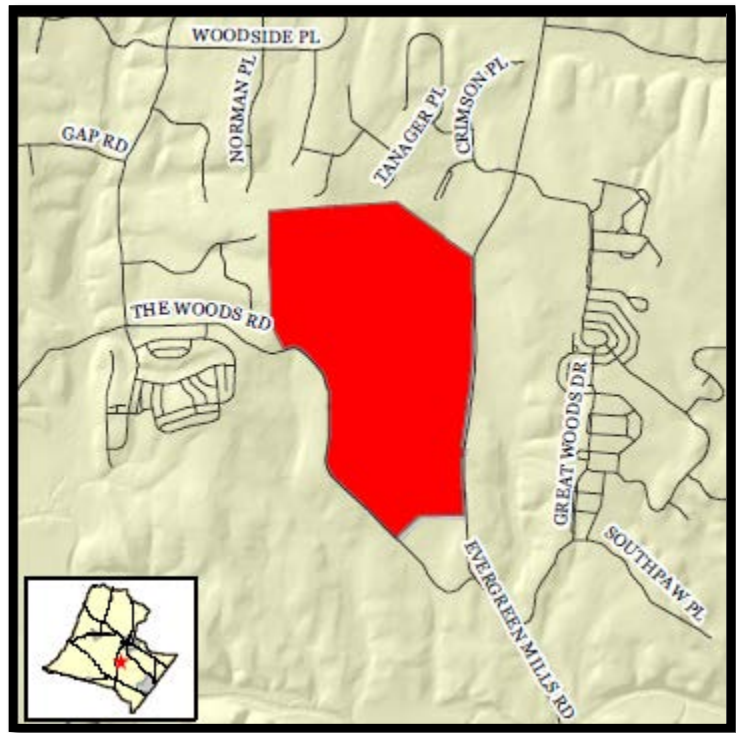
Project Description

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



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	34	262	629	618	1,543		
Total Impact		-	-	34	262	629	618	1,543		

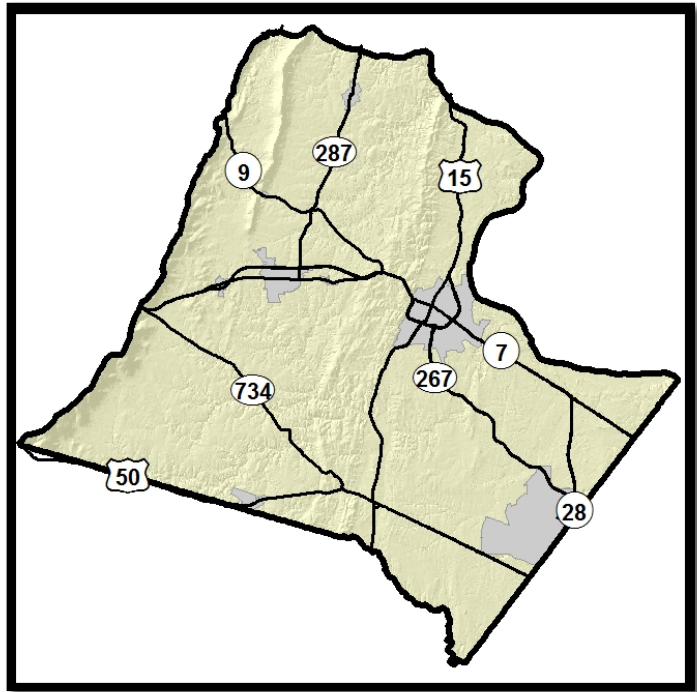


Public Safety Radio System Redundant Master/Prime Site

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, and \$1.450 million in lease revenue financing in the Capital Fund 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

To Be Determined

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	1,625	1,450	-	-	-	3,075	-	3,075
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	1,625	1,450	-	-	-	3,075	-	3,075
Local Tax Funding	-	-	1,625	-	-	-	-	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	-	-	-	3,075	-	3,075

Project Description – C00003

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.

A photograph of a pond with a fountain, a culvert, and a parking lot. The pond is surrounded by green grass and trees. A fountain with multiple jets of water is in the center of the pond. A culvert is visible on the left side of the pond. A parking lot with several cars is on the right side of the pond. The sky is blue with some clouds.

Countywide

Loudoun County, Virginia



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 2018 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 Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	80	-	-	-	-	80	-	80
Total Cost	-	-	80	-	-	-	-	80	-	80
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	80	-	-	-	-	80	-	80
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	80	-	-	-	-	80	-	80



Town of Hillsboro – Water System

Project Description – C00047

This project provides funding to assist the Town of Hillsboro to abandon the spring source of its municipal water system and replace and rebuild its infrastructure to deliver clean drinking water to its residents.

On February 14, 2014, the Town of Hillsboro sent an official request for CIP funding to the County in the amount of \$1,145,000 to help pay for an infrastructure project in coordination with the Virginia Department of Health to address a significant public health risk associated with the Town's water system. The Town has been under a boil water notice since August 2000 and is currently under a consent decree from the EPA and the Virginia Department of Health to remedy deficiencies in the water system.

On December 29, 2017, the Town of Hillsboro sent an official request for CIP funding to the County in the amount of \$425,000 to accelerate the project; ensuring disconnection from the Town spring in 2018 to address the EPA enforcement ruling.

The ongoing maintenance and operation of this community water system is not the responsibility of the County. No operating expense will be incurred by the County during the six-year CIP planning period.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	1,345	-	425	-	-	-	-	425	-	1,770
Total Cost	1,345	-	425	-	-	-	-	425	-	1,770
Local Tax Funding	200	-	-	-	-	-	-	-	-	200
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	425	-	-	-	-	425	-	425
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	1,145	-	-	-	-	-	-	-	-	1,145
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	1,345	-	425	-	-	-	-	425	-	1,770

Waterford Space Renovation

Project Description

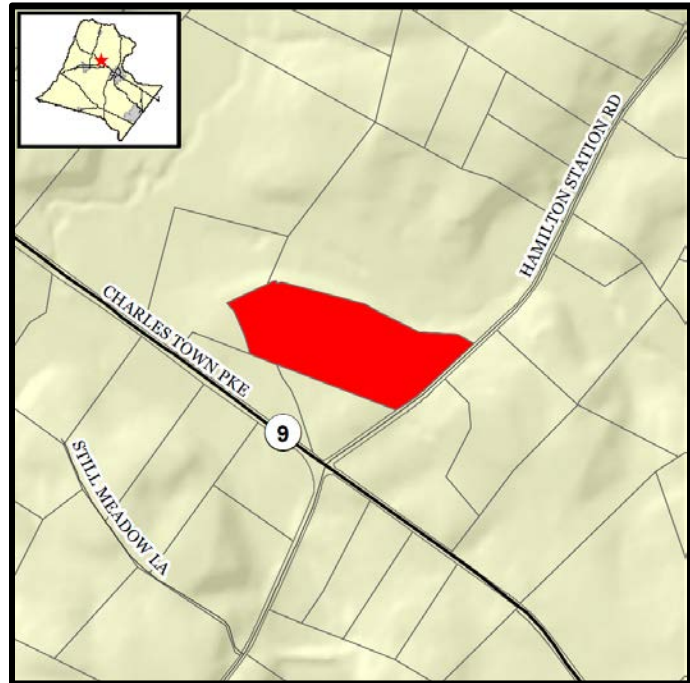
This project proposes to provide funding to renovate up to 11,000 square feet at the former Animal Shelter in Waterford as office space for Extension Services and Economic Development's Agricultural Business program.

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



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
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)										
Debt Service		-	-	-	-	50	198	248		
Total Impact		-	-	-	-	50	198	248		





Capital Improvement Program

FY 2018 Adopted Budget

Health and Welfare



Capital Improvement Program by Functional Area

Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Health and Welfare											
Projects											
Adolescent Independent Living Residence		-	-	-	-	-	-	-	-	6,145	6,145
DS Group Residence - Eastern Loudoun		-	-	-	-	-	2,375	-	2,375	-	2,375
DS Group Residence - Purcellville		-	-	2,125	-	-	-	-	2,125	-	2,125
Budgetary Cost		-	-	2,125	-	-	2,375	-	4,500	6,145	10,645
Funding Source											
Lease Revenue Financing		-	-	2,125	-	-	2,375	-	4,500	6,145	10,645
Total Funding Source		-	-	2,125	-	-	2,375	-	4,500	6,145	10,645



Adolescent Independent Living Residence

Project Description

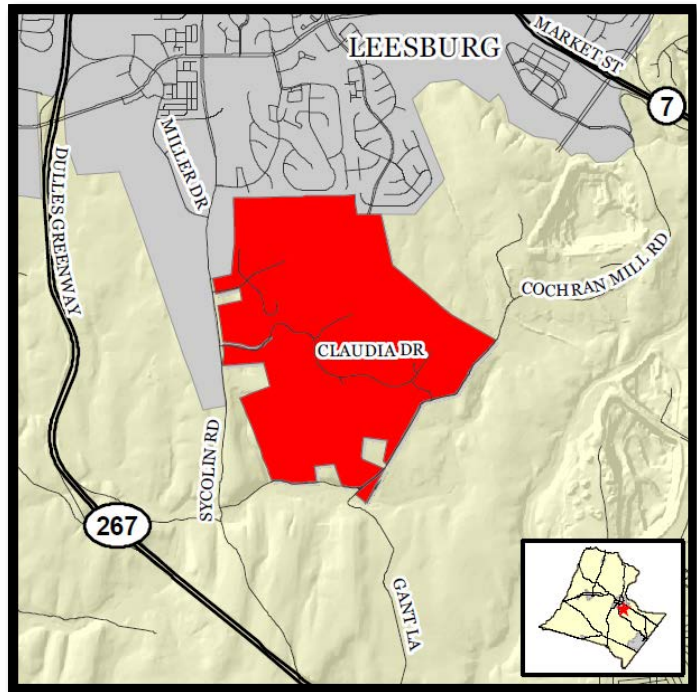
This project provides for the construction of a 9,000 square foot building with a 12-bed capacity to serve youth, ages 16 to 21, which have no realistic expectation of returning to their home environment.

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



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	840	840
Construction	-	-	-	-	-	-	-	-	4,665	4,665
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	640	640
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	6,145	6,145
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	6,145	6,145
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	6,145	6,145



Developmental Services Group Residence – Eastern Loudoun

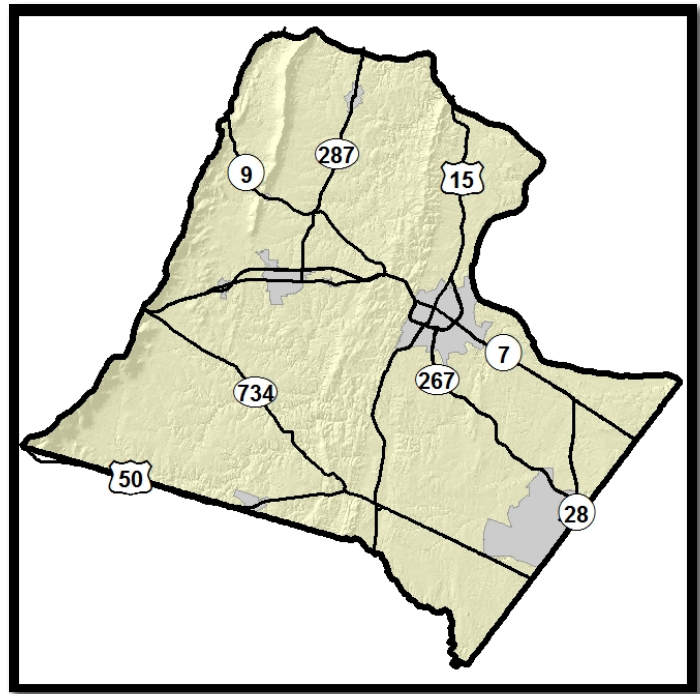
Project Description

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	59	265	324		
Total Impact		-	-	-	-	59	265	324		



Developmental Services Group Residence – Purcellville

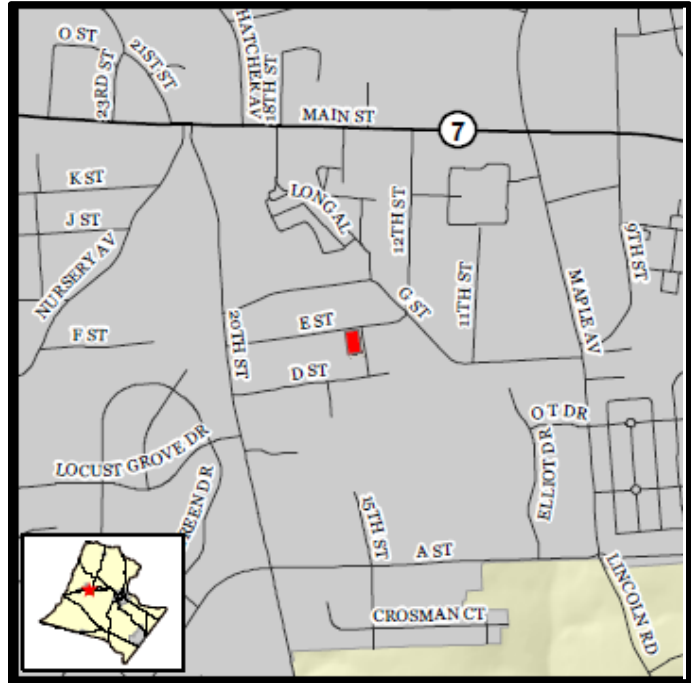
Project Description – C02171

This project involves the demolition of an existing Developmental Services Group Residence in the Town of Purcellville, and the design and construction of an enlarged barrier free, ADA-compliant Group Residence in its place. The Group Residence would total approximately 3,400 square feet, and is planned 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. Existing staff and clients at this facility will be transferred to the new DS Group Residence in Round Hill to accommodate the construction of the new facility.

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 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

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	2,125	-	-	-	-	2,125	-	2,125
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	2,125	-	-	-	-	2,125	-	2,125
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	2,125	-	-	-	-	2,125	-	2,125
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	2,125	-	-	-	-	2,125	-	2,125
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
O&M		-	-	375	379	383	386	1,523		
Debt Service		-	53	238	231	224	218	964		
Total Impact		-	53	613	610	607	604	2,487		





Capital Improvement Program

FY 2018 Adopted Budget

Parks, Recreation and Culture



Capital Improvement Program by Functional Area Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Parks, Recreation and Culture											
Projects											
Ashburn Recreation and Community Center	-	-	9,680	61,250	-	-	-	-	70,930	-	70,930
Ashburn Senior Center	-	-	8,285	-	-	-	-	-	8,285	-	8,285
Brambleton Library	-	-	-	-	-	7,100	-	-	7,100	-	7,100
Claude Moore Rec Center Pool Expansion	-	-	-	5,000	-	-	-	-	5,000	-	5,000
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	8,940	23,555	41,845	-	-	-	-	-	65,400	-	74,340
Lovettsville Community Center Replacement	7,380	2,000	-	-	-	-	-	-	2,000	-	9,380
Lovettsville District Park Phase II	-	-	-	-	-	-	4,680	-	4,680	-	4,680
Philip A. Bolen Memorial Park Phase II	-	500	-	-	-	-	8,525	-	9,025	-	9,025
Scott Jenkins Park 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	-	-	173	65	-	-	-	-	238	-	238
Budgetary Cost		18,700	44,193	108,160	-	7,100	28,710	71,935	260,098	-	278,798

Funding Source

Local Tax Funding	1,110	-	-	-	-	-	6,850	-	6,850	-	7,960
Fund Balance	3,360	500	-	-	-	-	-	-	500	-	3,860
General Obligation Bonds	-	9,680	63,185	-	-	-	21,860	71,935	166,660	-	166,660
Lease Revenue Financing	5,380	2,000	-	-	-	7,030	-	-	9,030	-	14,410
Proffers (Cash)	3,850	32,013	44,975	-	-	70	-	-	77,058	-	80,908
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	-	5,000
Total Funding Source	18,700	44,193	108,160	-	7,100	28,710	71,935	260,098	-	-	278,798



Ashburn Recreation and Community Center

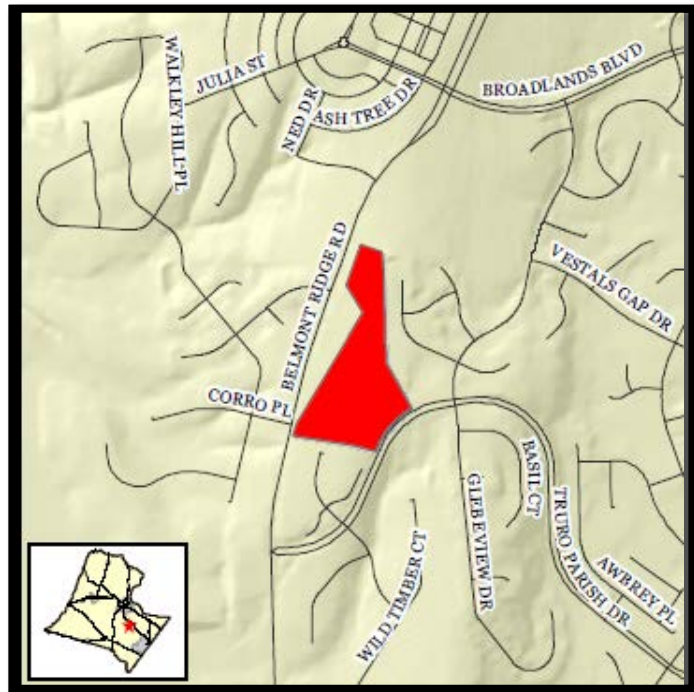
Project Description – C02142

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 Recreation Center 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.

Election District

Broad Run



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	9,680	-	-	-	-	-	9,680	-	9,680
Construction	-	-	61,250	-	-	-	-	61,250	-	61,250
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	9,680	61,250	-	-	-	-	70,930	-	70,930
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	9,680	34,590	-	-	-	-	44,270	-	44,270
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	26,660	-	-	-	-	26,660	-	26,660
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	9,680	61,250	-	-	-	-	70,930	-	70,930
Operating Impact (\$ in 1000s)										
FTE	-	-	-	-	73	-	-	72.79		
Personnel	-	-	-	-	3,745	3,848	3,951	11,544		
O&M	-	-	-	-	1,107	955	964	3,026		
Debt Service	-	-	-	-	971	2,865	3,893	7,729		
Total Impact	-	-	-	-	5,823	7,668	8,808	22,299		



Ashburn Senior Center

Project Description – C02105

This project provides funding to construct a Senior Center of up to 15,000 square feet on a 5-acre proffered site in the Ashburn Planning Subarea. The 5-acre 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.

Election District

Broad Run



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	1,100	-	-	-	-	-	1,100	-	1,100
Construction	-	6,475	-	-	-	-	-	6,475	-	6,475
Furniture, Fixtures & Equip	-	710	-	-	-	-	-	710	-	710
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	8,285	-	-	-	-	-	8,285	-	8,285
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	8,285	-	-	-	-	-	8,285	-	8,285
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	8,285	-	-	-	-	-	8,285	-	8,285
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
FTE		-	-	12	-	-	-	11.70		
Personnel		-	-	485	499	513	527	2,024		
O&M		-	-	388	185	187	189	949		
Total Impact		-	-	873	684	700	716	2,973		

Brambleton Library

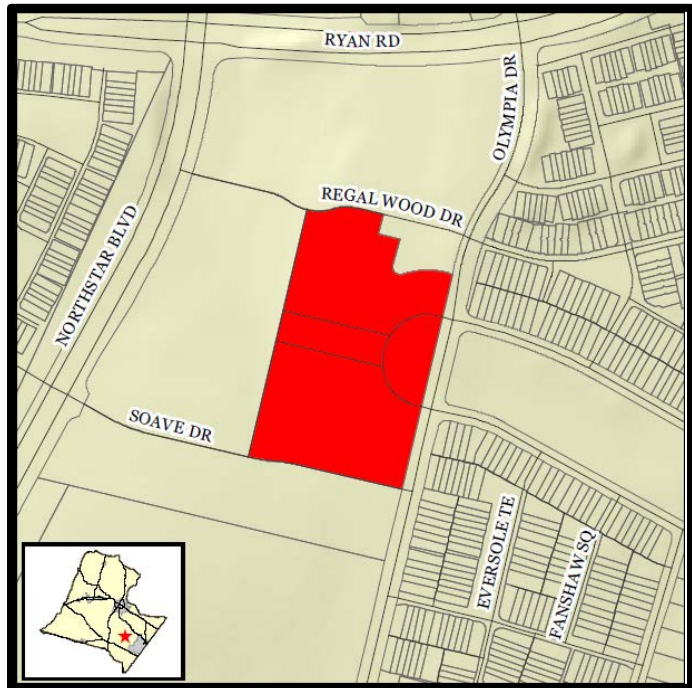
Project Description

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 library in office condominium space in the Brambleton community.

The library space was proffered to the County in the Brambleton Town Center as part of the Brambleton Land Bays 1, 3 and 5 rezoning application (ZMAP-2012-0013) and the Brambleton Town Center zoning concept plan amendment (ZCPA-2012-0006). 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 July of 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 community is split between the Ashburn and Dulles Planning Subareas. Based on the County's population projections, a third library, in addition to the Ashburn Library and the Gum Spring Library, is needed in the Ashburn and Dulles Subareas in the CIP planning period. The Brambleton community is the ideal location to serve both the southern Ashburn and northern Dulles communities.

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	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	7,100	-	-	7,100	-	7,100
Total Cost	-	-	-	-	7,100	-	-	7,100	-	7,100
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	7,030	-	-	7,030	-	7,030
Proffers (Cash)	-	-	-	-	70	-	-	70	-	70
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	7,100	-	-	7,100	-	7,100
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
FTE		-	33.56	-	-	-	-	33.56		
Personnel		-	2,333	2,401	2,469	2,537	2,605	12,345		
O&M		-	929	766	774	781	779	4,029		
Debt Service		-	-	-	176	693	675	1,544		
Total Impact		-	3,262	3,167	3,419	4,011	4,059	17,918		



Claude Moore Recreation Center – Pool Seating Expansion

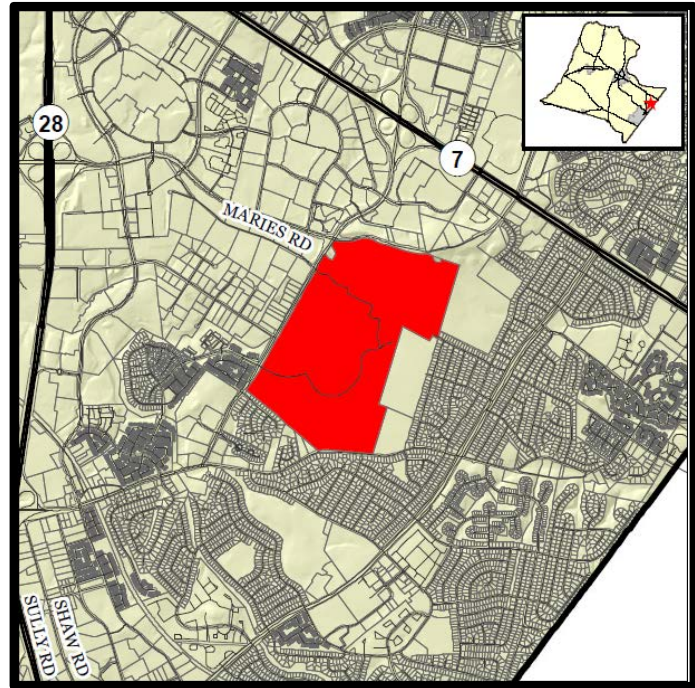
Project Description – C02170 & C02172

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 systems for the Claude Moore Recreation Center.

This project provides a permanent seating area for the competition pool, allowing for a storage area underneath the seating area for pool equipment, which is currently stored outdoors, and to replace and expand the capacity of the HVAC and air evacuation systems for the pool area. This will allow for additional seating, improved spectator viewing, and improved quality for swimmers and spectators during competitions and practices.

Election District

Sterling



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	3,000	-	-	-	-	3,000	-	3,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	2,000	-	-	-	-	2,000	-	2,000
Total Cost	-	-	5,000	-	-	-	-	5,000	-	5,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	5,000	-	-	-	-	5,000	-	5,000
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	5,000	-	-	-	-	5,000	-	5,000

Operating Impact (\$ in 1000s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
O&M	-	-	-	18	18	18	54
Total Impact	-	-	-	18	18	18	54

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.

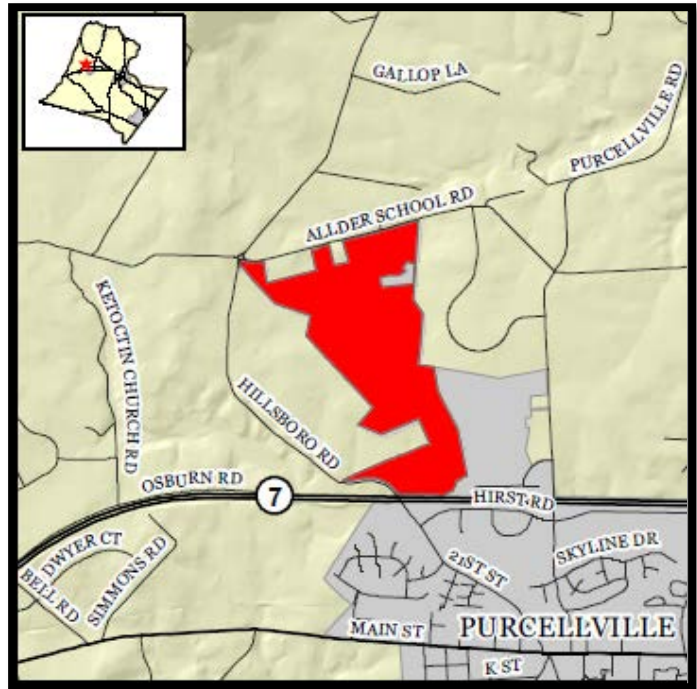
The Park will include up to ten athletic fields – four diamond fields and six rectangular fields. Supporting amenities will include athletic field lighting, fencing, public utilities, parking, access from a public road, landscaping, public restrooms, concessions, groundwater wells, irrigation, staff offices, meeting rooms, storage, scorekeeper and umpire areas, 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 the 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 Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	338	338		
Total Impact		-	-	-	-	-	338	338		

Franklin Park to Purcellville Trail

Project Description – C02036

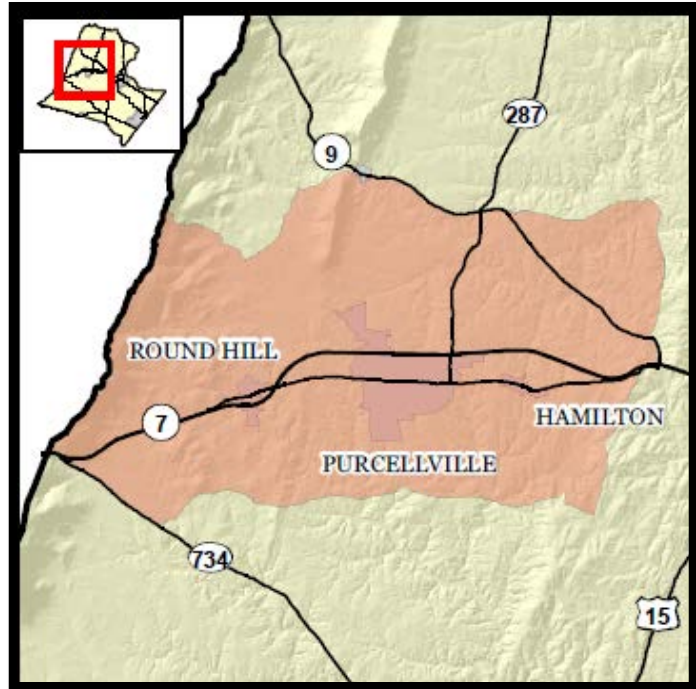
This project provides funding for construction and easement acquisition to complete the sidewalks and trails needed to connect Franklin Park to the Town of Purcellville. Funding in FY 2015 was provided for design of the trail.

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.

Election District

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
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



Hal and Berni Hanson Regional Park

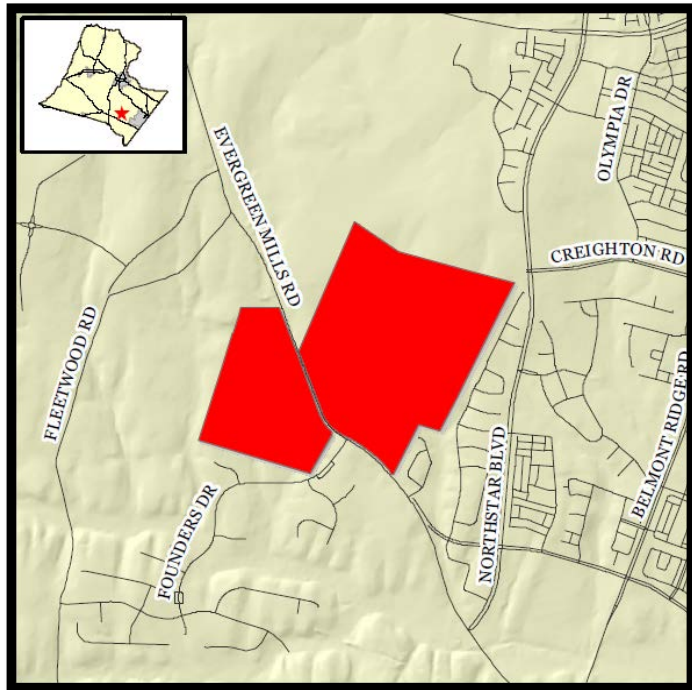
Project Description – C00089

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 seventeen athletic fields, recreational trails, park offices, 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 the fall of 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.

\$3,850,000 in cash proffers were allocated to the project in the FY 2010 and FY 2012 CIP to develop a master plan for the park, obtain Special Exception and Commission Permit approvals, and design the park.

The Loudoun County Board of Supervisors approved the Master Plan for the park on October 3, 2012. The Special Exception for the Park was approved on July 2, 2014 and design is currently underway. Construction of the park is scheduled to begin in FY 2018.



Election District
Blue Ridge

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	5,000	-	-	-	-	-	-	-	-	5,000
Professional Services	3,940	-	-	-	-	-	-	-	-	3,940
Construction	-	23,555	38,845	-	-	-	-	62,400	-	62,400
Furniture, Fixtures & Equip	-	-	3,000	-	-	-	-	3,000	-	3,000
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	8,940	23,555	41,845	-	-	-	-	65,400	-	74,340
Local Tax Funding	90	-	-	-	-	-	-	-	-	90
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	28,595	-	-	-	-	28,595	-	28,595
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	3,850	23,555	13,250	-	-	-	-	36,805	-	40,655
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	8,940	23,555	41,845	-	-	-	-	65,400	-	74,340
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
FTE		-	-	-	16	-	-	16.36		
Personnel		-	-	-	972	999	1,026	2,997		
O&M		-	-	-	615	621	627	1,863		
Debt Service		-	-	1,570	3,201	3,357	3,254	11,382		
Total Impact		-	-	1,570	4,788	4,977	4,907	16,242		

Lovettsville District Park Phase II

Project Description

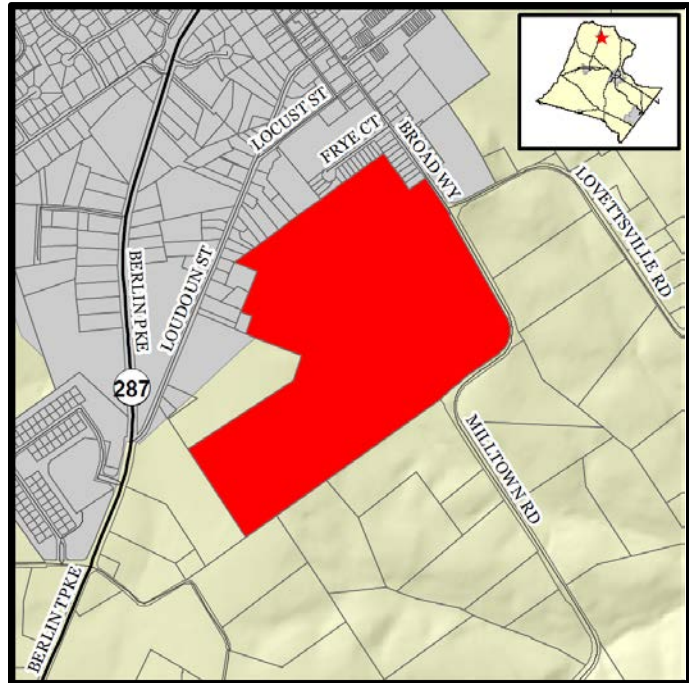
This project provides funding to complete the Lovettsville District Park project. The park is located on a 91-acre property owned by the County but partially located within the Town of Lovettsville.

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.

Current project appropriations are sufficient to provide public road improvements to access the park, the internal road network within the park, public utilities, three to four of the seven athletic fields with associated parking and partial athletic field lighting.

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 the additional general obligation bond financing will be placed on the November 2019 referendum for voter approval.



Election District

Catoctin

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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

Philip A. Bolen Memorial Park

Phase II

Project Description – C02152

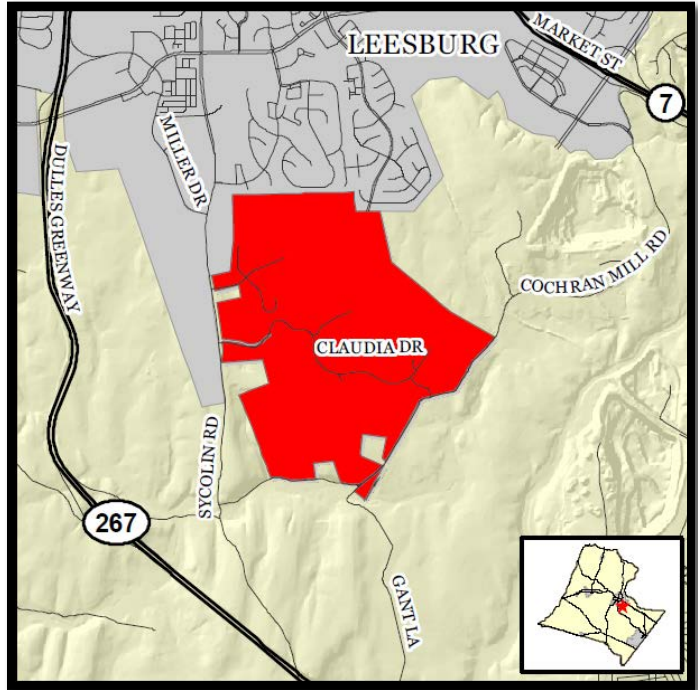
This project provides funding to design four permanent restroom and concession facilities in FY 2017. With funding in FY 2021 for construction, along with removing the large existing dirt stockpile on the property and developing two practice fields with associated parking

Bolen Park was originally developed using E-LOO restrooms 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, necessitating the need to provide 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.

Due to an agreement with the contractor for Bolen Park Phase I, a large dirt stockpile exists on the location where three practice rectangular athletic fields were planned. In FY 2021, funding is proposed to haul the dirt offsite, and develop three practice fields with the ability for them to be possibly converted into cricket fields, with associated parking. Authorization to sell general obligation bond financing will be placed on the November 2019 referendum for voter approval.

Election District

Catoctin



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	500	-	-	-	480	-	980	-	980
Construction	-	-	-	-	-	7,735	-	7,735	-	7,735
Furniture, Fixtures & Equip	-	-	-	-	-	310	-	310	-	310
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	500	-	-	-	8,525	-	9,025	-	9,025
Local Tax Funding	-	-	-	-	-	2,350	-	2,350	-	2,350
Fund Balance	-	500	-	-	-	-	-	500	-	500
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	-	-	-	8,525	-	9,025	-	9,025
Operating Impact (\$ in 1000s)										
Debt Service	-	-	-	-	-	-	649	649	-	-
Total Impact	-	-	-	-	-	-	649	649	-	-

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



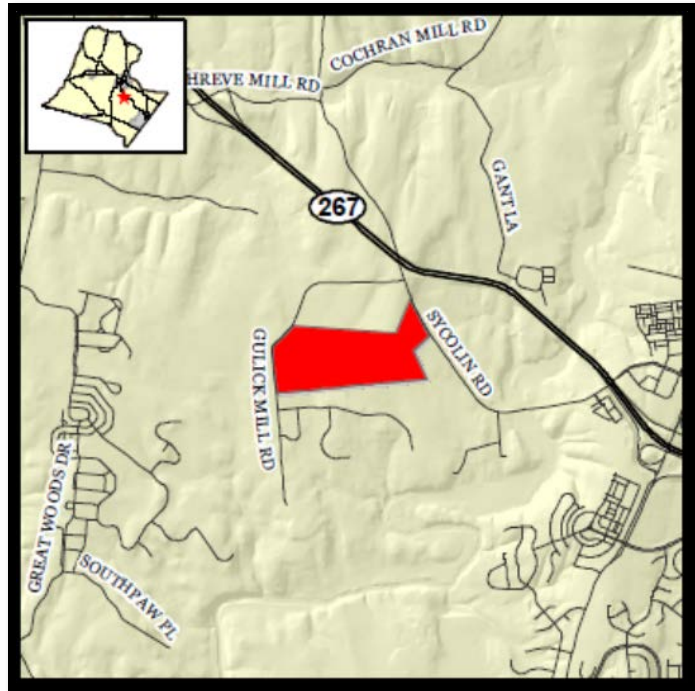
	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	1,755	-	1,755	-	1,755
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	178	178		
Total Impact		-	-	-	-	-	178	178		

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 LCPS and LCPL 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. It will provide opportunities for all Loudoun children, teens and adults to develop essential skills for school, work, and professional success.



Election District

Catoctin

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	590	590		
Total Impact		-	-	-	-	-	590	590		

Town of Leesburg Veteran's Park

Project Description

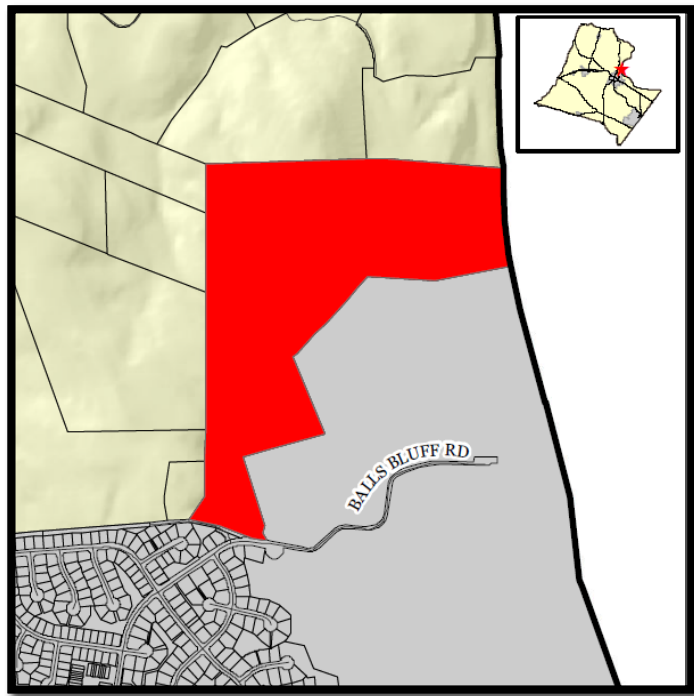
Each year, the County solicits capital project funding requests from towns within the County for facilities: owned by, or located within, the Town but operated by the County; or for local pedestrian/transportation related improvements that benefit the County. As a capital expense, the funding for the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

This project proposes to provide 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



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	4,000	-	4,000	-	4,000

Town of Round Hill

Sleeter Lake Park

Project Description – C02123

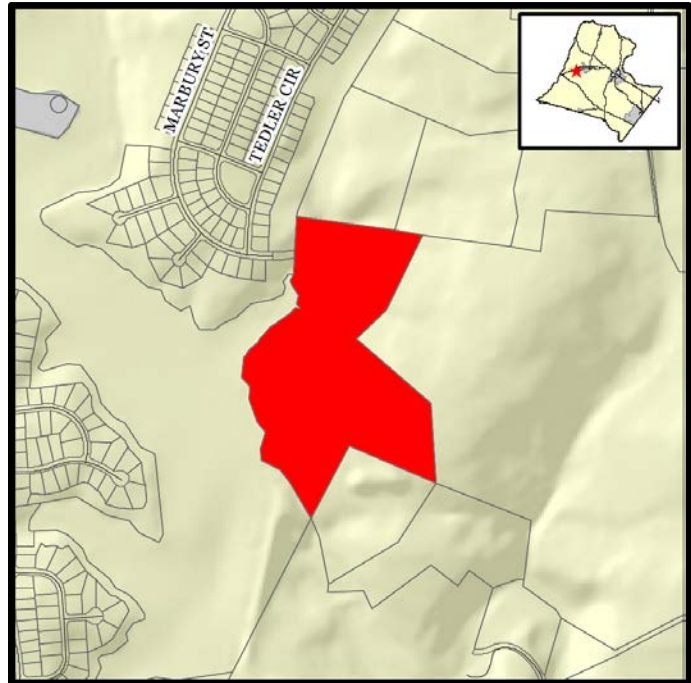
As part of the County's Regional Organization Program, the County solicits capital project funding requests from towns within the County for facilities: owned by, or located within, the Town but operated by the County; or for local pedestrian/transportation related improvements that benefit the County. As a capital expense, the funding for the projects is shown in the County's CIP.

This project provided 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 2018 is provided to help install public restrooms, water fountains and maintenance storage for the park.

Election District

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	65	-	-	-	-	65	-	65
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	173	-	-	-	-	-	173	-	173
Total Cost	-	173	65	-	-	-	-	238	-	238
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	173	65	-	-	-	-	238	-	238
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	173	65	-	-	-	-	238	-	238



Capital Improvement Program

FY 2018 Adopted Budget

Public Safety



Capital Improvement Program by Functional Area

Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Public Safety											
Projects											
Courts Complex Phase III		22,310	57,100	-	-	-	9,600	-	66,700	-	89,010
F&R - Capital Apparatus		30,073	3,000	2,840	3,000	3,000	3,000	3,000	17,840	12,000	59,913
F&R - Station #04 - Round Hill Replacement		-	-	-	1,900	13,760	-	-	15,660	-	15,660
F&R - Station #07 - Aldie Replacement		14,860	-	-	4,000	-	-	-	4,000	-	18,860
F&R - Station #08 - Philomont Replacement		-	-	-	-	-	-	2,200	2,200	13,725	15,925
F&R - Station #10 - Lucketts Replacement		11,490	1,240	-	-	-	-	-	1,240	-	12,730
F&R - Station #12 - Lovettsville Replacement		1,000	13,500	-	-	-	-	-	13,500	-	14,500
F&R - Station #20 - Leesburg VFC Expansion		600	4,000	180	-	-	-	-	4,180	-	4,780
F&R - Station #28 - Leesburg South Station		-	-	-	-	-	2,200	15,400	17,600	-	17,600
F&R - Station #29 - Route 606 Station		-	-	-	-	-	-	-	-	19,010	19,010
F&R - Training Academy Expansion		-	-	-	-	780	6,500	-	7,280	-	7,280
F&R - Training Tower		-	-	-	-	500	-	-	500	-	500
F&R - Vehicle Annex		-	-	-	-	-	-	640	640	5,700	6,340
Juvenile Detention Center Phase I		12,015	3,000	5,000	-	-	-	-	8,000	-	20,015
Juvenile Detention Center Phase II		-	-	-	-	-	-	-	-	5,195	5,195
Budgetary Cost		92,348	81,840	8,020	8,900	18,040	21,300	21,240	159,340	55,630	307,318
Funding Source											
Local Tax Funding		8,965	4,240	3,020	3,000	4,280	3,000	3,640	21,180	12,000	42,145
General Obligation Bonds		38,210	17,500	-	1,900	13,760	8,700	17,600	59,460	38,435	136,105
Lease Revenue Financing		45,173	60,100	5,000	4,000	-	9,600	-	78,700	5,195	129,068
Total Funding Source		92,348	81,840	8,020	8,900	18,040	21,300	21,240	159,340	55,630	307,318



Courts Complex Phase III

Project Description – C02140

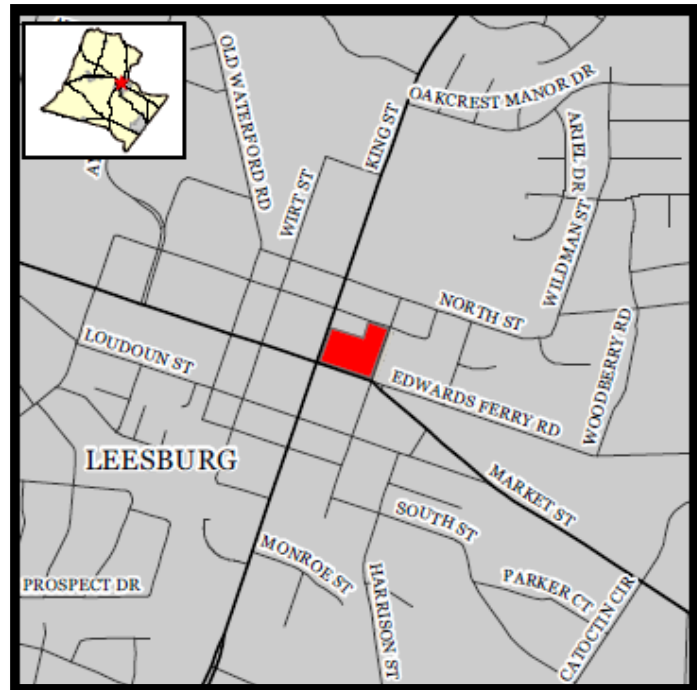
This project provides funding to construct a new 92,000-square-foot facility for the General District Court and court administrative support functions, a 725-space parking garage, and the renovation of approximately 40,000 square feet of the current Courts Complex facility in the Town of Leesburg.

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 would 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 design phase began in FY 2014 and is scheduled over a two-year period to coordinate land use, planning and transportation issues with the Town of Leesburg.

Election District

Leesburg



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	9,310	-	-	-	-	-	-	-	-	9,310
Construction	13,000	52,100	-	-	-	9,600	-	61,700	-	74,700
Furniture, Fixtures & Equip	-	5,000	-	-	-	-	-	5,000	-	5,000
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	22,310	57,100	-	-	-	9,600	-	66,700	-	89,010
Local Tax Funding	2,010	-	-	-	-	-	-	-	-	2,010
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	20,300	57,100	-	-	-	9,600	-	66,700	-	87,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	22,310	57,100	-	-	-	9,600	-	66,700	-	89,010
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
O&M		-	-	-	-	-	524	524		
Debt Service		250	250	1,671	4,043	5,424	6,828	18,466		
Total Impact		250	250	1,671	4,043	5,424	7,352	18,990		

Fire and Rescue Capital Apparatus

Project Description

This project provides for the procurement of new ambulances and heavy fire and rescue apparatus for the combined fire and rescue system, and County contributions toward volunteer fire department purchases, where the volunteer department may or may not hold title depending on the percentage of the County's contribution towards the apparatus purchase. Capital vehicle ownership involves apparatus repair and maintenance, and is determined by Loudoun County Fire and Rescue System guidelines.

Fire and Rescue Capital Apparatus FY 2018 Procurement:

County System

Rear Mount Aerial	Countywide	\$1,500,000
-------------------	------------	-------------

Volunteer System

EMS Transport	Ashburn (59%)	\$ 171,370
EMS Transport	Lovettsville (59%)	\$ 171,370
EMS Transport	Purcellville (59%)	\$ 171,370
Rear Mount Aerial	Sterling (59%)	\$ 826,000

FY 2018 Total		\$2,840,110
---------------	--	-------------

Election District

Countywide



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	30,073	3,000	3,000	3,000	3,000	3,000	3,000	18,000	12,000	60,073
Total Cost	30,073	3,000	3,000	3,000	3,000	3,000	3,000	18,000	12,000	60,073
Local Tax Funding	-	3,000	3,000	3,000	3,000	3,000	3,000	18,000	12,000	30,000
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	30,073	3,000	3,000	3,000	3,000	3,000	3,000	18,000	12,000	60,073



Fire and Rescue – Station 04

Round Hill Station Replacement

Project Description

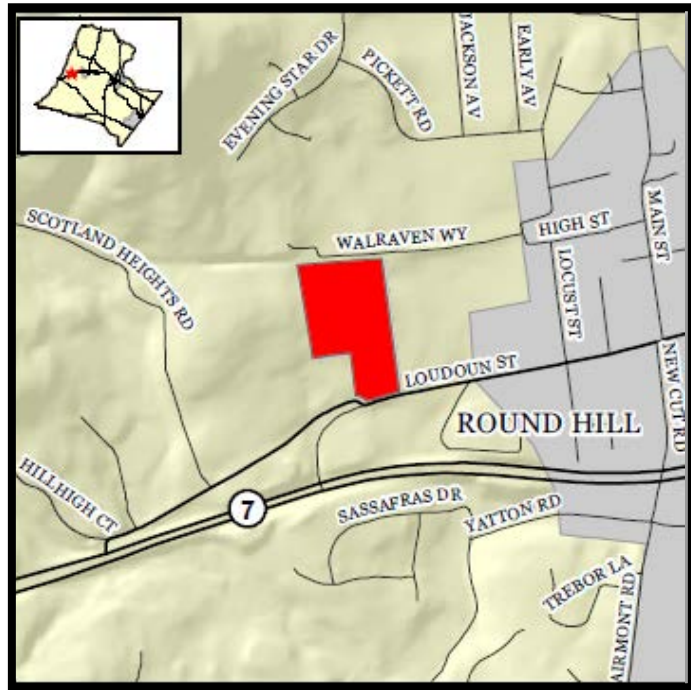
This project provides funding to design and construct a new Round Hill Fire Station on a County-owned site adjacent to the Town of Round Hill, for Round Hill Fire and Rescue Company #4.

The Station would be approximately 18,500 square feet 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 will be placed on the November 2017 referendum for voter approval.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
FTE	-	-	-	-	5.60	-	5.60
Personnel	-	-	-	-	242	498	740
O&M	-	-	-	66	251	197	514
Debt Service	-	-	-	190	1,216	1,663	3,069
Total Impact	-	-	-	256	1,709	2,358	4,323



Fire and Rescue – Station 07

Aldie Station Replacement

Project Description – C00140

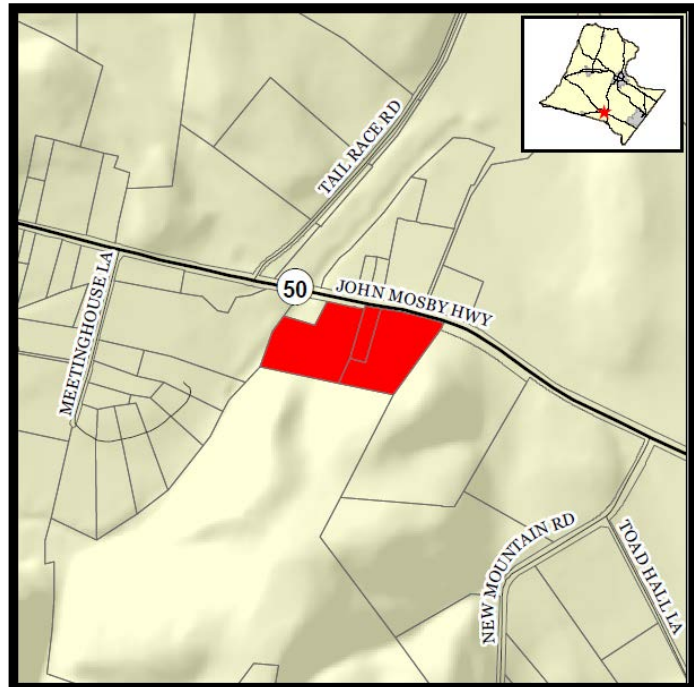
This project provides funding to design and construct a new Aldie Fire Station on a County-owned site to replace the Aldie Fire and Rescue Company #7 Station.

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 the Fall of 2015 the County acquired three contiguous sites for the replacement station. \$4 million in additional appropriations is being requested to cover the extensive site development costs and the costs of retaining walls required to build the new station.

Election District

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
FTE		-	-	5.60	-	-	-	5.60		
Personnel		-	-	229	472	485	498	1,684		
O&M		-	-	93	122	123	124	462		
Debt Service		-	-	-	-	100	395	495		
Total Impact		-	-	322	594	708	1,017	2,641		

Fire and Rescue – Station 08

Philomont Station Replacement

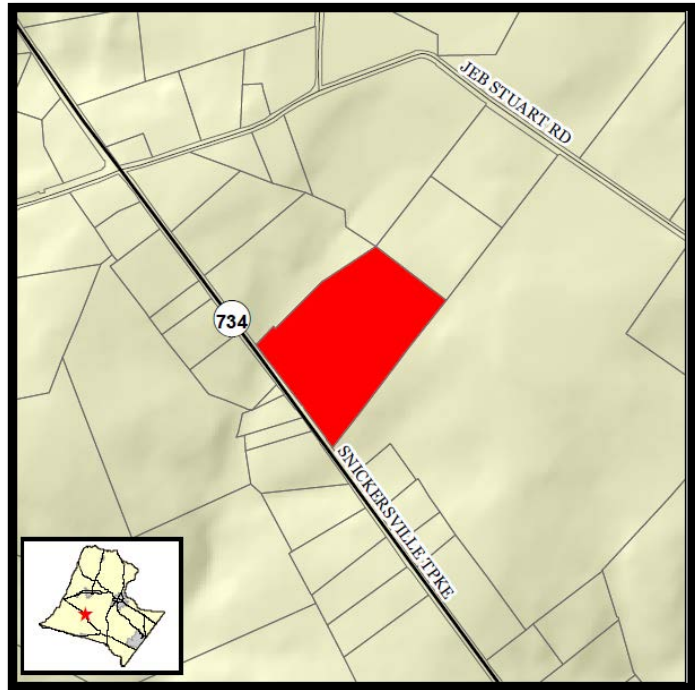
Project Description

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 7 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, 7 days a week pumper and tanker, with the potential for additional resources as service demand dictates.

Authorization to sell general obligation bond financing will be placed on the November 2020 referendum for voter approval.



Election District

Blue Ridge

Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	2,200	2,200	-	2,200
Construction	-	-	-	-	-	-	-	-	12,125	12,125
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	1,600	1,600
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	2,200	2,200	13,725	15,925
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	2,200	2,200	13,725	15,925
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	2,200	2,200	13,725	15,925

Fire and Rescue – Station 10

Lucketts Station Replacement

Project Description – C00239

This project provides funding to design and construct a new Lucketts Fire Station in the Route 15 North Planning Subarea of the County, in the vicinity of the Village of Lucketts, for Lucketts Fire and Rescue Company #10.

The site for the new station has been acquired. Design is scheduled to commence in FY 2017 and construction in FY 2018.

The Station would be approximately 18,500 square feet on a site of approximately 4 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.

Funding for land acquisition for this fire station replacement was provided in FY 2013 in the Land Acquisition Fund using fund balance.

Election District

Catoctin



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	1,370	-	-	-	-	-	-	-	-	1,370
Construction	7,920	1,240	-	-	-	-	-	1,240	-	9,160
Furniture, Fixtures & Equip	2,200	-	-	-	-	-	-	-	-	2,200
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	11,490	1,240	-	-	-	-	-	1,240	-	12,730
Local Tax Funding	-	1,240	-	-	-	-	-	1,240	-	1,240
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	11,490	-	-	-	-	-	-	-	-	11,490
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	11,490	1,240	-	-	-	-	-	1,240	-	12,730
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
FTE		-	-	-	-	-	-	-		
Personnel		-	-	34	71	73	75	253		
O&M		-	-	100	97	98	99	394		
Debt Service		-	-	300	293	285	278	1,156		
Total Impact		-	-	434	461	456	452	1,803		



Fire and Rescue – Station 12

Lovettsville Station Replacement

Project Description – C02103

This project provides funding to design and construct an approximately 18,500-square-foot fire station to replace the Lovettsville Fire and Rescue Company #12 Station.

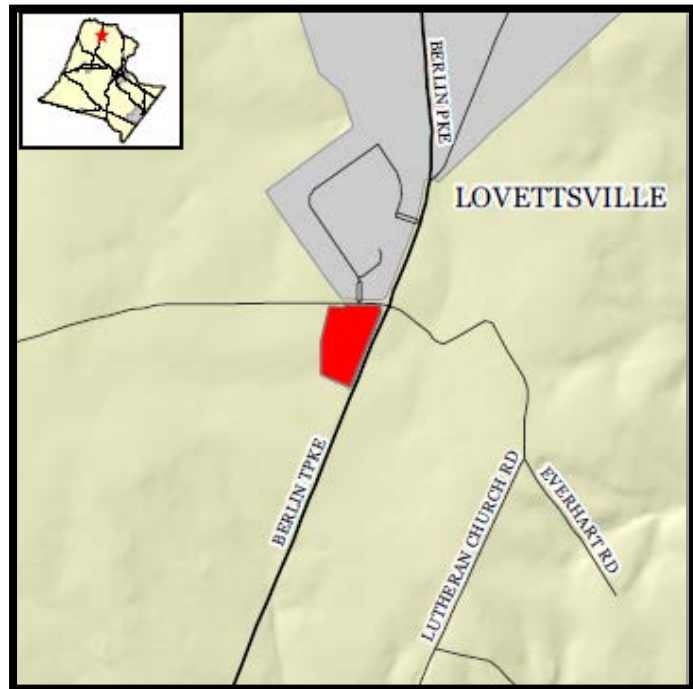
In 2005, a comprehensive engineering report of the County's fire-rescue facilities was completed to evaluate existing conditions and programmatic shortages of current facilities. Recommendations for facility improvements were provided to ensure the operational success of the County's Fire and Rescue System. Lovettsville Fire-Rescue Station #12 was among the properties evaluated and found to be in need of facility expansion and comprehensive renovation.

A two-phased project was agreed to by the County and Volunteer Fire Department leadership, incorporating the short term use of modular units to provide crew quarters, followed by the VFD's request for a new station.

During the FY 2016 budget deliberations, the Lovettsville Volunteer Fire Company requested funding to completely replace the existing station, with design and construction to be managed by the County.

Election District

Catoctin



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	600	13,500	-	-	-	-	-	13,500	-	14,100
Furniture, Fixtures & Equip	400	-	-	-	-	-	-	-	-	400
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	1,000	13,500	-	-	-	-	-	13,500	-	14,500
Local Tax Funding	1,000	-	-	-	-	-	-	-	-	1,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	13,500	-	-	-	-	-	13,500	-	13,500
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	1,000	13,500	-	-	-	-	-	13,500	-	14,500

Operating Impact (\$ in 1000s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Debt Service	-	-	668	656	644	622	2,590
Total Impact	-	-	668	656	644	622	2,590



Fire and Rescue – Station 20

Leesburg Station Expansion

Project Description – C02139

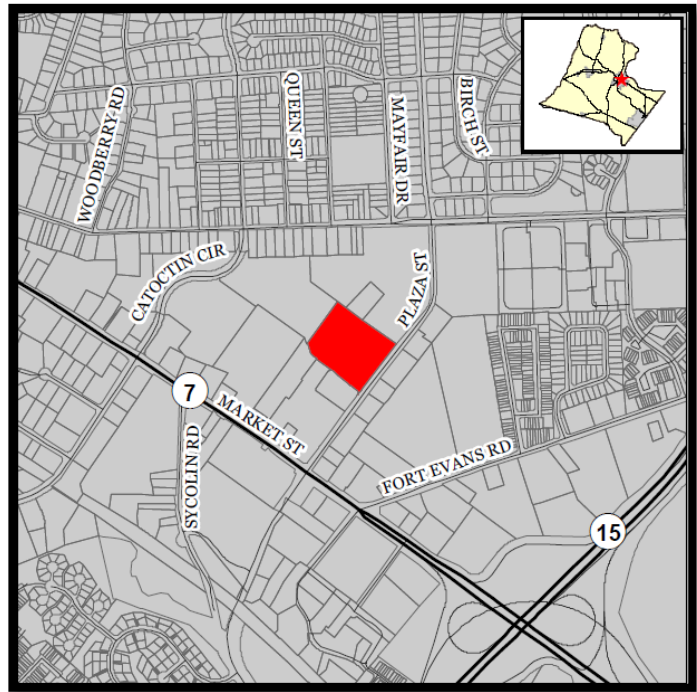
This project provides funding to construct an approximately 8,100-square-foot expansion to the Leesburg Fire and Rescue Station #20.

The Leesburg Volunteer Fire Company made an official request to the County for CIP funding to expand their current station, with construction funding in FY 2017. The expansion is crucial to adequately accommodate the firefighters, support equipment and vehicles now that the Station houses a 24-hour heavy rescue squad.

The facility expansion would include a 6,300 square foot addition to accommodate two drive through apparatus bays, updated bunkroom facilities, restrooms, a kitchen, a fitness room, offices, and a full WestNet system for the station. An additional 1,800-square-foot addition would be added to the building for equipment storage as well.

Election District

Leesburg



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	600	-	-	-	-	-	-	-	-	600
Construction	-	3,750	180	-	-	-	-	3,930	-	3,930
Furniture, Fixtures & Equip	-	250	-	-	-	-	-	250	-	250
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	600	4,000	180	-	-	-	-	4,180	-	4,780
Local Tax Funding	600	-	180	-	-	-	-	180	-	780
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	4,000	-	-	-	-	-	4,000	-	4,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	600	4,000	180	-	-	-	-	4,180	-	4,780
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	425	409	403	387	381	2,005		
Total Impact		-	425	409	403	387	381	2,005		

Fire and Rescue – Station 28

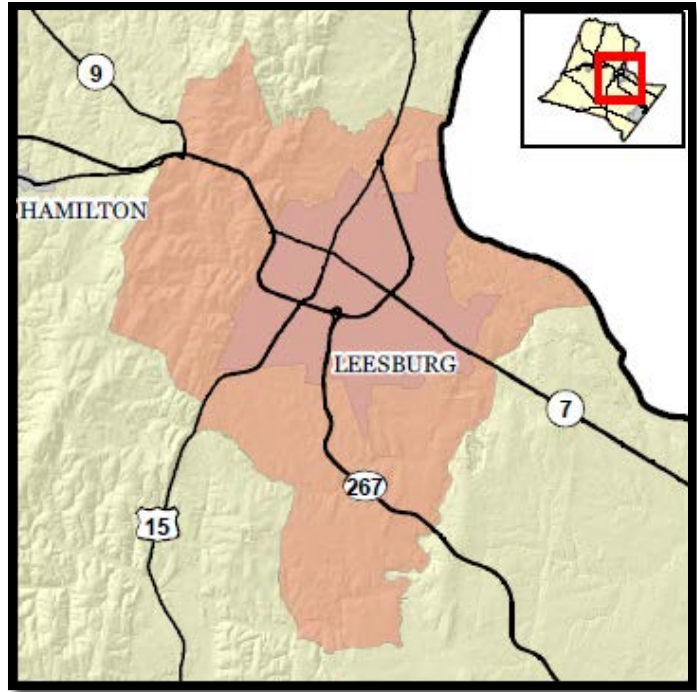
Leesburg South Station

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, coupled with an evaluation of the County's ISO rating in the subarea suggesting more impactful locations, prompted the Department to request permission from the Board of Supervisors to research alternative site locations in the Evergreen Mills corridor for the station location. The Department is actively exploring alternate locations 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, 7 days a week pump, ambulance, and tanker, with the potential for a special service (aerial truck or heavy rescue squad) as service demands require.



Project Description

Catoclin

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	220	220		
Total Impact		-	-	-	-	-	220	220		

Fire and Rescue – Station 29

Route 606 Station

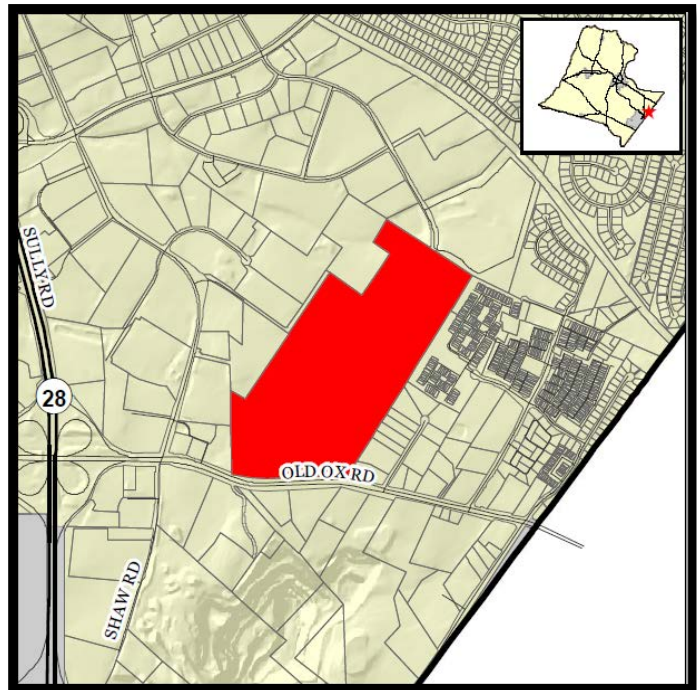
Project Description

This project provides funding to design and construct a new Route 606 Fire Station on a five-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 5 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.

Election District

Broad Run



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	2,400	2,400
Construction	-	-	-	-	-	-	-	-	12,540	12,540
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	4,070	4,070
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	19,010	19,010
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	19,010	19,010
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	19,010	19,010

Fire and Rescue Training Academy Expansion

Project Description

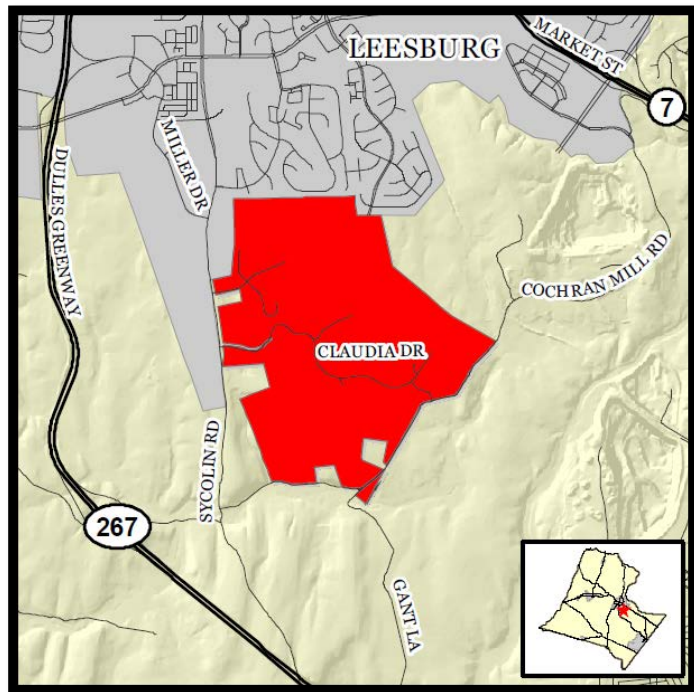
This project provides funding to design and construct an 11,500-square-foot addition to the Fire and Rescue Training Academy, located at the Government Support Center site along Sycolin Road. The facility would be constructed as either an addition to the existing classroom/administration building, or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

Phase II development of the Fire-Rescue Training Center provided a scope of design services that included a new burn building, a high bay field house, and a two-story addition to the Fire and Rescue Administration building. At the time of construction bidding, prevailing material costs were unusually high, requiring a scope reduction to align the project within the appropriated budget, which necessitated the elimination of plans to construct an addition to the Administration building.

Election District

Catoctin



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	780	-	-	780	-	780
Construction	-	-	-	-	-	5,300	-	5,300	-	5,300
Furniture, Fixtures & Equip	-	-	-	-	-	1,200	-	1,200	-	1,200
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	780	6,500	-	7,280	-	7,280
Local Tax Funding	-	-	-	-	780	-	-	780	-	780
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	6,500	-	6,500	-	6,500
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	780	6,500	-	7,280	-	7,280
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	760	760		
Total Impact		-	-	-	-	-	760	760		

Fire and Rescue Training Tower

Project Description

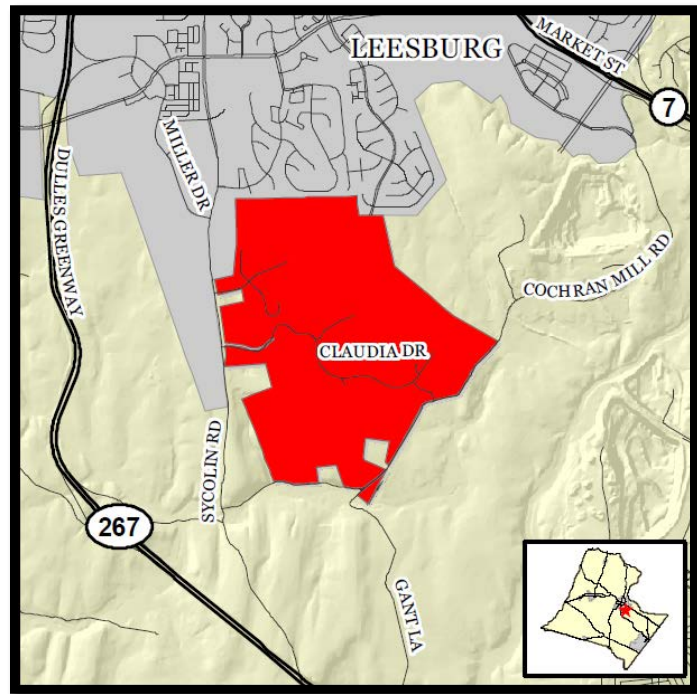
This project provides for the construction of a Tower prop to simulate a range of potential threats or emergencies in high-rise or multi-story buildings. The Tower prop lot will provide a safe, realistic and effective environment for public safety personnel to train in the efficient response to, and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

The prop lot will be developed at the County-owned Government Support Center site along Sycolin Road based on the adopted 2005 Board of Supervisors' 20 Year Fire and Rescue System Service Plan. The plan included a non-station facility needs assessment and proposed the development of a public safety training facility that included incident training prop lots.

The Department of Fire and Rescue Services developed a Master Plan for the Training Center. 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 Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project 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	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	500	-	-	500	-	500

Fire and Rescue Vehicle Annex

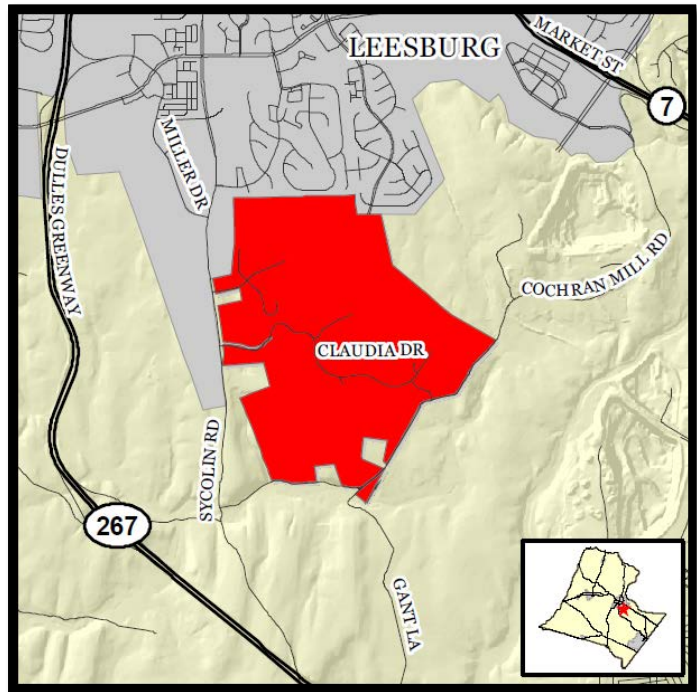
Project Description

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 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.

Election District

Catoctin



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	640	640	-	640
Construction	-	-	-	-	-	-	-	-	4,500	4,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	1,200	1,200
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	640	640	5,700	6,340
Local Tax Funding	-	-	-	-	-	-	640	640	-	640
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	5,700	5,700
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	640	640	5,700	6,340



Juvenile Detention Center

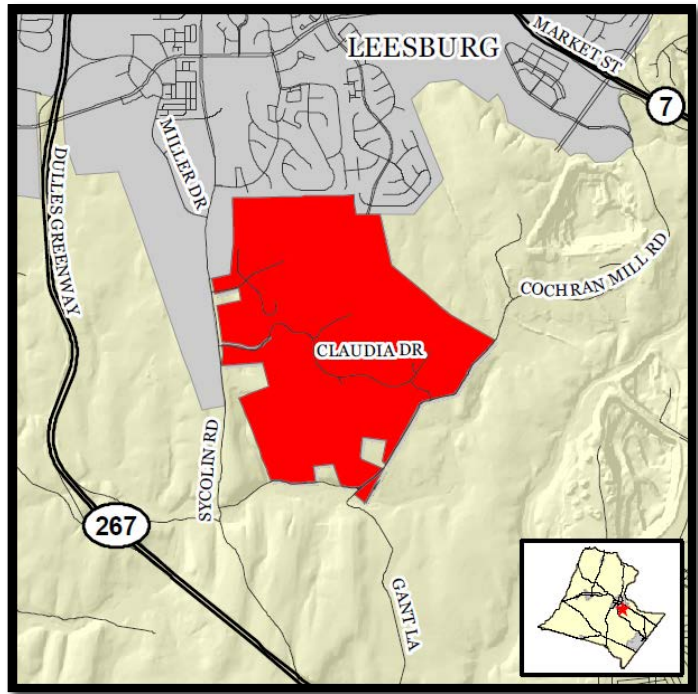
Phase I

Project Description – C00146

This project provides additional funding to construct Phase I of the Juvenile Detention Center (JDC) located at the Government Support Center off of Sycolin Road. Supplemental funding is required due to project delays related to approval of the special exception application for the Government Support Center Master Plan, as well as soil conditions which will require that pylons be driven into the ground to provide extra support to the base of the facility.

Phase I of the Juvenile Detention Center project was originally proposed in the FY 2007- FY 2012 CIP as an addition/renovation project to the existing 15,000-square-foot Juvenile Detention Center. In November 2006, the Board of Supervisors adopted a Public Safety Master Plan, which identified future expansion phases of the Adult Detention Center (ADC) that would encroach on the existing JDC facility. An alternative site for the JDC is identified on the adopted Government Support Center Master Plan for construction of a new Juvenile Detention Center to replace the existing facility. The Board of Supervisors approved the Government Support Center Master Plan special exception on December 2, 2015.

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

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	1,215	-	-	-	-	-	-	-	-	1,215
Construction	10,600	3,000	5,000	-	-	-	-	8,000	-	18,600
Furniture, Fixtures & Equip	200	-	-	-	-	-	-	-	-	200
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	12,015	3,000	5,000	-	-	-	-	8,000	-	20,015
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	12,015	3,000	5,000	-	-	-	-	8,000	-	20,015
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	12,015	3,000	5,000	-	-	-	-	8,000	-	20,015
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
FTE		-	-	10.48	-	-	-	10.48		
Personnel		-	-	679	699	718	737	2,833		
O&M		-	-	50	50	51	51	202		
Debt Service		151	200	790	770	750	730	3,391		
Total Impact		151	200	1,519	1,519	1,519	1,518	6,426		





Capital Improvement Program

FY 2018 Proposed Budget

Transportation Capital Projects

Contents

Roads	11-07
Sidewalks, Signals and Traffic Calming	11-95
Towns	11-103
Transit	11-113





TRANSPORTATION CAPITAL PROJECTS

Table of Contents

Road Projects	11-7
Arcola Boulevard (Route 50 to Dulles West Blvd).....	11-8
Arcola Boulevard (Dulles West Blvd to Route 606).....	11-10
Belmont Ridge Road (Gloucester to Hay).....	11-12
Belmont Ridge Road (Shreveport to Evergreen Mills Road).....	11-14
Belmont Ridge Road (Truro Parish to Croson).....	11-16
Braddock Road (Route 659 to Fairfax County Line).....	11-18
Braddock Road (Route 659 to Royal Hunter Drive).....	11-20
Braddock Road/Summerall/Supreme Intersection Improvements.....	11-22
Croson Lane (Claiborne to Mooreview Parkway).....	11-24
Crosstrail Boulevard (Kincaid Boulevard to Russell Branch Parkway).....	11-26
Dulles West Boulevard (Dulles Landing to Hutchinson).....	11-28
Dulles West Boulevard (Hutchinson to Arcola).....	11-30
Dulles West Boulevard (Arcola to Northstar).....	11-32
Elk Lick Road Intersection Improvements.....	11-34
Evergreen Mills Road (Northstar Boulevard to Belmont Ridge Road).....	11-36
Evergreen Mills Road (Belmont Ridge Road to Stone Springs Boulevard).....	11-38
Evergreen Mills Road (Stone Springs Boulevard to Arcola Boulevard).....	11-40
Evergreen Mills Road (Arcola Boulevard to Loudoun County Parkway).....	11-42
Evergreen Mills Road Realignments (Reservoir Road and Watson Road).....	11-44
Farmwell Road (Smith Switch to Ashburn).....	11-46
George Washington Boulevard Overpass.....	11-48
Moorefield Boulevard (Moorview Parkway to Moorfield Station).....	11-50
Mooreview Parkway (Croson Lane to Old Ryan Road).....	11-52
Northstar Boulevard (Shreveport to Route 50).....	11-54
Northstar Boulevard (Route 50 to Tall Cedars Parkway).....	11-56
Northstar Boulevard (Tall Cedars Parkway to Braddock Road).....	11-58
Prentice Drive.....	11-60
Route 7/ Battlefield Parkway.....	11-62
Route 7/ Route 287 Interchange.....	11-64
Route 7/ Route 690 Interchange.....	11-66
Route 9/ Route 287 Roundabout.....	11-68
Route 15 Bypass/ Battlefield Parkway.....	11-70
Route 15 Bypass/ Edwards Ferry Road	11-72
Route 15 Bypass to White's Ferry Road.....	11-74
Route 50 and Everfield Drive.....	11-76
Route 50/ Route 606 Interchange.....	11-78
Route 606 Widening.....	11-80
Shaw Road.....	11-82
Shellhorn Road.....	11-84
Sterling Boulevard Extension (Pacific Boulevard to Moran Road).....	11-86
Waxpool Road/ Loudoun County Parkway Intersection Improvements.....	11-88
Westwind Drive (State Street to Ladbrook Road).....	11-90
Woodgrove High School / Fields Farm Park Road.....	11-92



TRANSPORTATION CAPITAL PROJECTS

Table of Contents

Sidewalks, Signals and Traffic Calming Projects	11-95
Contingency Accounts	11-96
Atlantic Boulevard Shared Use Path	11-97
Harmony Middle School Sidewalk.....	11-98
Northstar Boulevard / Belmont Ridge Road Traffic Signal.....	11-99
Poland Road Shared Use Path.....	11-100
River Creek Parkway Sidewalk.....	11-101
Sterling Boulevard and WO&D Overpass.....	11-102
Town Projects	11-103
Town of Hamilton - Drainage and Pedestrian Improvements.....	11-104
Town of Hillsboro - Traffic Calming and Pedestrian Safety.....	11-105
Town of Leesburg - Battlefield Parkway	11-106
Town of Leesburg - NVTA Local Funding (30%)	11-107
Town of Lovettsville - Broadway Streetscape Phase 2A.....	11-108
Town of Middleburg - Crosswalk and Sidewalk Projects.....	11-109
Town of Purcellville - A Street Sidewalk Connection.....	11-110
Town of Purcellville - NVTA Local Funding (30%)	11-111
Transit Projects	11-113
Transit Bus Acquisition.....	11-114
Metro Capital Contribution.....	11-115
Metro Station Area Pedestrian Improvements.....	11-116
Leesburg Park and Ride Lot.....	11-117
One Loudoun Park and Ride Lot.....	11-118
Western Loudoun Park and Ride Lot.....	11-119



Capital Improvement Program by Functional Area Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP	Total
Transportation												
Arcola Blvd (Rt 50/Dulles West Blvd)	-	-	-	-	8,130	2,630	-	-	10,760	-	-	10,760
Arcola Blvd (Dulles West Blvd/ Rt 606)	-	-	-	-	-	3,400	10,000	10,000	23,400	18,100	-	41,500
Belmont Ridge (Gloucester/ Hay)	48,015	13,355	-	-	-	-	-	-	13,355	-	-	61,370
Belmont Ridge (Truro Parish/ Croson)	22,863	-	-	21,000	-	-	-	-	21,000	-	-	43,863
Belmont Ridge (Shreveport/ Evergreen Mills)	-	-	-	-	-	-	-	1,435	1,435	15,865	-	17,300
Braddock Rd (Rt 659/ Fairfax County Line)	-	-	-	-	-	-	-	-	-	154,760	-	154,760
Braddock Rd (Rt 659/ Royal Hunter Dr)	-	-	-	-	-	-	-	1,000	1,000	5,095	-	6,095
Braddock Road/Summerall/Supreme	-	2,000	-	2,421	-	-	-	-	4,421	-	-	4,421
Croson Ln (Claiborne/ Mooreview Pkwy)	-	-	-	-	-	-	-	2,920	2,920	18,350	-	21,270
Crosstrail Blvd	31,300	2,000	-	-	-	41,560	-	-	43,560	-	-	74,860
Dulles West (Dulles Landing/ Hutchinson)	-	-	-	-	8,100	-	-	-	8,100	-	-	8,100
Dulles West (Hutchinson/ Arcola)	-	-	-	-	-	9,114	-	-	9,114	-	-	9,114
Dulles West (Arcola/ Northstar)	-	-	-	-	-	-	10,600	12,100	22,700	21,000	-	43,700
Elk Lick Rd Intersection Improvement	89	-	-	-	-	-	-	1,565	1,565	-	-	1,654
Evergreen Mills (Northstar/ Belmont Ridge)	-	-	-	-	-	-	-	6,720	6,720	45,600	-	52,320
Evergreen Mills (Belmont Ridge/ Stone Springs)	-	-	-	-	-	3,285	6,000	13,760	23,045	-	-	23,045
Evergreen Mills (Stone Springs/ Arcola)	-	-	-	-	-	-	1,300	13,030	14,330	-	-	14,330
Evergreen Mills (Arcola/ Lo. Co. Pkwy)	-	-	-	-	-	-	2,500	16,713	19,213	-	-	19,213
Evergreen Mills Rd Realignments	-	-	-	-	-	-	-	805	805	3,010	-	3,815
Farmwell Road	7,864	-	-	-	21,300	-	-	-	21,300	-	-	29,164
George Washington Blvd Overpass	1,367	4,132	-	102	3,077	9,669	10,113	3,000	30,093	-	-	31,460
Moorefield Blvd	-	-	-	-	4,600	-	-	-	4,600	-	-	4,600
Mooreview Pkwy	8,100	1,579	-	-	-	-	-	-	1,579	-	-	9,679
Northstar Blvd (Shreveport/ Rt 50)	5,432	-	-	20,560	10,000	-	-	-	30,560	-	-	35,992
Northstar Blvd (Rt 50/ Tall Cedars)	11,459	10,000	-	12,481	26,040	-	-	-	48,521	-	-	59,980
Northstar Blvd (Tall Cedars/ Braddock)	-	-	-	-	-	-	-	2,693	2,693	19,500	-	22,193
Prentice Road	-	9,000	-	-	-	32,000	48,650	-	89,650	-	-	89,650
Route 7/ Battlefield Pkwy	13,000	20,000	-	25,000	-	-	-	-	45,000	-	-	58,000
Route 7 / Route 287 Interchange	-	-	-	-	-	-	2,200	8,800	11,000	-	-	11,000
Route 7/ Route 690 Interchange	1,500	4,000	-	2,000	7,805	10,770	10,365	-	34,940	-	-	36,440
Route 9/ Route 287 Roundabout	1,228	-	-	-	-	13,255	-	-	13,255	-	-	14,483
Route 15 Bypass/ Battlefield Pkwy	-	-	-	2,000	-	-	-	-	2,000	-	-	2,000
Route 15 Bypass/ Edwards Ferry Rd	2,000	-	-	-	-	-	1,200	1,500	2,700	-	-	4,700
Route 15 North to White's Ferry Road	-	-	-	-	-	-	-	-	-	85,750	-	85,750
Route 50 and Everfield Drive	-	-	-	-	-	-	-	1,215	1,215	6,760	-	7,975
Route 606 Widening	32,912	8,574	-	-	-	-	-	-	8,574	-	-	41,486
Shaw Road	-	1,017	-	1,922	-	-	-	-	2,939	-	-	2,939
Shellhorn Road	-	8,000	-	4,000	4,000	8,000	-	-	24,000	102,750	-	126,750
Sterling Blvd Extension	14,101	10,028	-	-	-	-	-	-	10,028	-	-	24,129
Waxpool/ Loudoun County Pkwy Intersec	1,235	1,146	-	3,139	-	-	-	-	4,285	-	-	5,520
Westwind Dr (State Street/ Ladbroke)	-	-	-	-	8,000	22,239	13,460	-	43,699	-	-	43,699
Woodgrove & Fields Farm Rd	3,815	-	-	4,000	-	-	-	-	4,000	-	-	7,815
Roads Subtotal:		206,280	94,831	98,625	101,052	155,922	116,388	97,256	664,074	496,540		1,366,894



Capital Improvement Program by Functional Area Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP	Total
Transportation												
Contingency Accounts	-	-	1,600	1,600	1,600	1,600	1,600	1,600	9,600	1,600	-	11,200
Atlantic Blvd Shared Use Path	-	-	-	-	-	-	1,000	1,073	2,073	4,200	-	6,273
Harmony Middle School Sidewalk	-	-	-	-	-	-	-	1,260	1,260	1,900	-	3,160
Northstar & Belmont Ridge Signals	258	510	-	-	-	-	-	-	510	-	-	768
Poland Rd Shared Use Path	-	-	-	-	-	-	-	1,220	1,220	1,065	-	2,285
River Creek Pkwy Sidewalk	-	-	-	-	-	-	-	1,315	1,315	-	-	1,315
Sterling Blvd and WO&D Overpass	-	-	-	-	-	-	7,745	-	7,745	-	-	7,745
Sidewalks, Signals & Traffic Calming:	258	2,110	1,600	1,600	1,600	1,600	10,345	6,468	23,723	8,765	-	32,746
Town of Hamilton Pedestrian Improve	-	566	-	-	-	-	-	-	566	-	-	566
Town of Hillsboro Pedestrian Safety	-	-	4,800	-	-	-	-	-	4,800	-	-	4,800
Town of Leesburg Battlefield Pkwy	-	-	1,000	-	-	-	-	-	1,000	-	-	1,000
Town of Leesburg NVT A 30%	5,591	2,036	2,101	2,167	2,235	2,306	2,379	2,379	13,224	10,290	-	29,105
Town of Lovettsville Broadway Street	-	-	150	-	-	700	-	-	850	-	-	850
Town of Middleburg Crosswalk	1,205	585	166	-	-	-	-	-	751	-	-	1,956
Town of Purcellville A Street	-	-	875	-	-	-	-	-	875	-	-	875
Town of Purcellville NVT A 30%	1,169	444	437	451	465	480	495	495	2,772	2,150	-	6,091
Towns Subtotal:	7,965	3,631	9,529	2,618	3,400	2,786	2,874	2,874	24,838	12,440	-	45,243
Transit Bus Acquisition	32,523	1,000	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	-	42,523
Metro Capital Contribution	-	-	-	-	-	12,000	28,000	26,000	66,000	104,000	-	170,000
Metro Station Area Pedestrian Improve	-	-	5,717	-	-	-	-	5,400	11,117	9,760	-	20,877
Leesburg Area Park and Ride Lot	2,500	1,490	-	-	-	-	-	-	1,490	-	-	3,990
One Loudoun Park and Ride Lot	-	-	-	3,291	-	-	-	-	3,291	-	-	3,291
Western Loudoun Park and Ride Lot	-	3,821	-	150	-	-	-	-	3,971	-	-	3,971
Transit Subtotal:	35,023	6,311	6,717	4,441	13,000	29,000	32,400	32,400	91,869	117,760	-	244,652
Transportation Budgetary Cost	249,526	106,883	116,471	109,711	173,922	158,519	138,998	804,504	635,505	-	-	1,689,535



Capital Improvement Program by Functional Area Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP	Total
Transportation												
Funding Source												
Local Tax Funding		1,789	2,000	-	-	-	-	-	2,000	-		3,789
Local Tax Funding - Roads		18,935	15,000	15,200	15,000	15,000	15,000	14,630	89,830	56,480		165,245
Fund Balance		7,800	10,340	316	-	-	-	-	10,656	-		18,456
General Obligation Bonds		3,180	14,000	2,000	14,000	66,815	58,490	39,515	194,820	275,880		473,880
Lease Revenue Financing		62,465	-	-	-	-	-	-	-	-		62,465
Proffers (Cash)		12,870	2,395	1,478	500	2,938	-	266	7,577	-		20,447
State Capital Assistance		18,065	500	500	500	500	500	500	3,000	2,000		23,065
CMAQ		-	3,821	5,717	3,441	-	-	5,400	18,379	3,960		22,339
RSTP		10,122	12,422	102	3,077	9,669	11,313	4,500	41,083	5,800		57,005
Revenue Sharing		15,831	10,000	10,000	10,000	10,000	10,000	10,000	60,000	4,625		80,456
NVTA 70% Regional		57,564	20,000	62,641	45,040	50,239	43,480	44,763	266,163	201,450		525,177
NVTA 30% Local		36,486	16,404	18,518	18,153	18,685	19,236	18,924	109,920	83,310		229,716
Transit Fees		-	-	-	-	76	500	500	1,076	2,000		3,076
Local Gasoline Tax		4,284	-	-	-	-	-	-	-	-		4,284
Proceeds from Sale of Land		135	-	-	-	-	-	-	-	-		135
Total Funding Source		249,526	106,883	116,471	109,711	173,922	158,519	138,998	804,504	635,505		1,689,535



Capital Improvement Program

FY 2018 Adopted Budget

Roads

Arcola Boulevard – Route 50 to Dulles West Boulevard

Project Description

This project provides for the planning, design, right-of-way acquisition and construction of a major collector roadway from John Mosby Highway (Route 50) to Dulles West Boulevard. The project entails the construction of a four-lane median divided roadway within a 120-foot right-of-way, and intersection improvements at John Mosby Highway (Route 50).

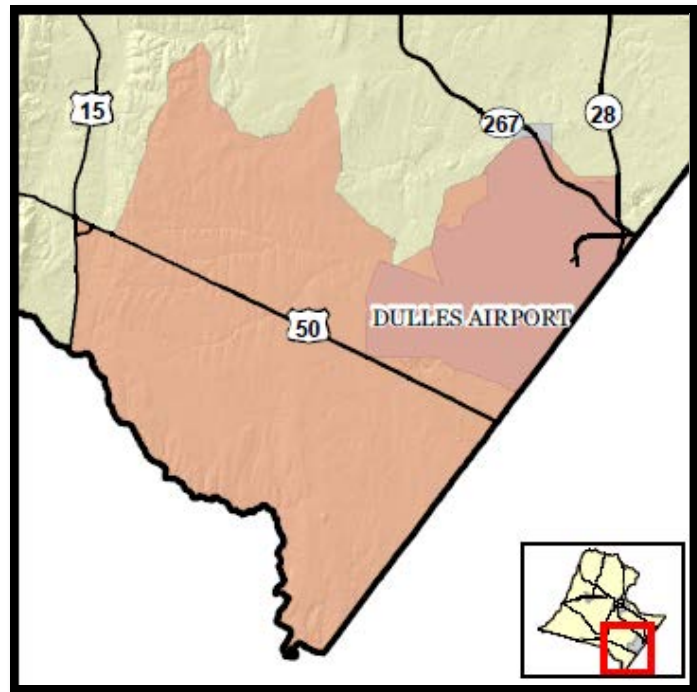
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

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

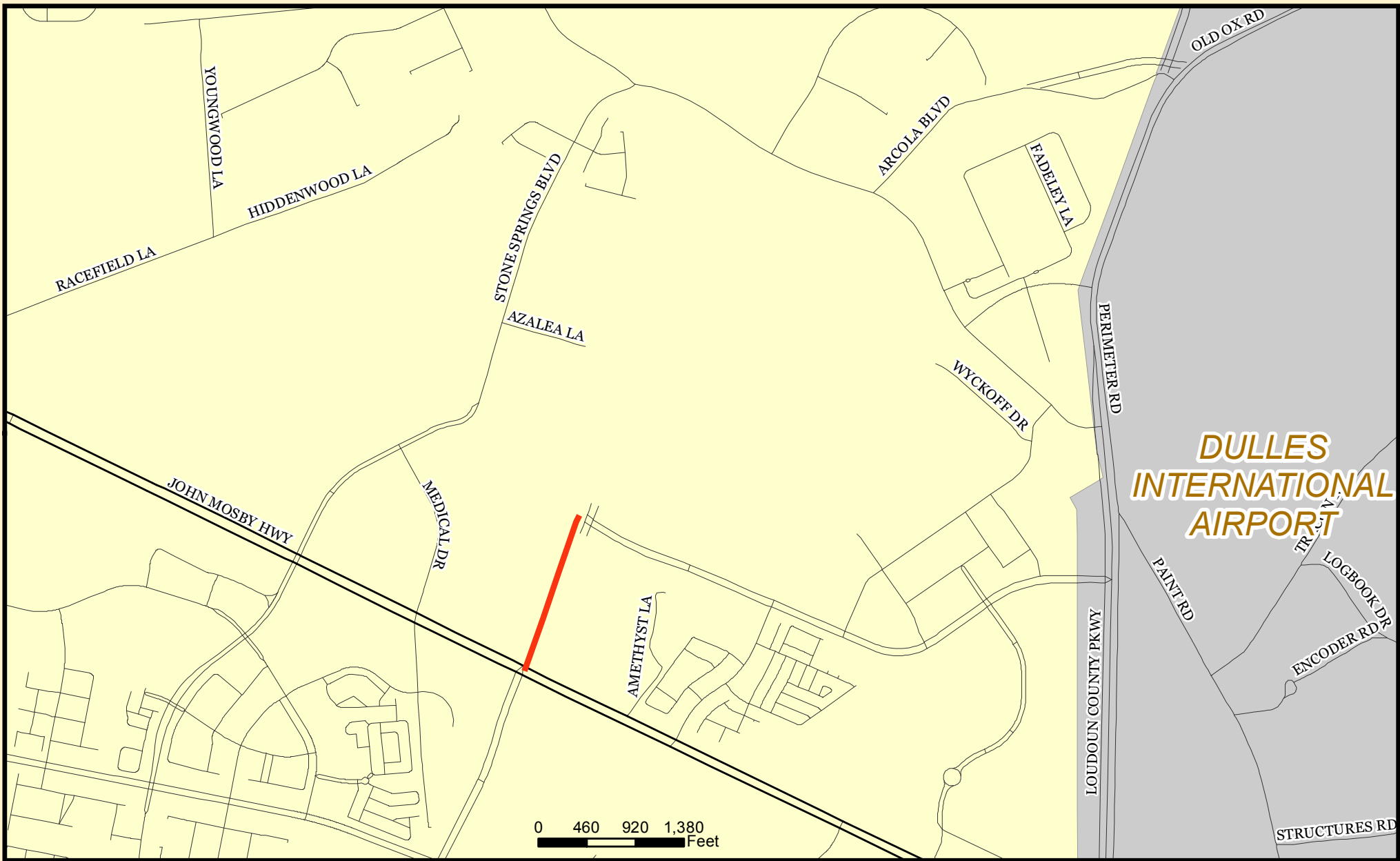
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	1,500	-	-	-	1,500	-	1,500
Professional Services	-	-	-	1,500	-	-	-	1,500	-	1,500
Construction	-	-	-	5,130	2,630	-	-	7,760	-	7,760
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	8,130	2,630	-	-	10,760	-	10,760
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	2,500	2,630	-	-	5,130	-	5,130
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	4,000	-	-	-	4,000	-	4,000
NVTA 30%	-	-	-	1,630	-	-	-	1,630	-	1,630
Total Financing	-	-	-	8,130	2,630	-	-	10,760	-	10,760



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

ARCOLA BLVD (DULLES WEST BLVD 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 2016-071

Loudoun County Office of Mapping and Geographic Information

Arcola Boulevard – Dulles West Boulevard to Route 606

Project Description

This project provides for the construction of a major collector roadway from Dulles West Boulevard to Route 606. The project entails the construction of a four-lane median-divided roadway within a 120-foot right-of-way.

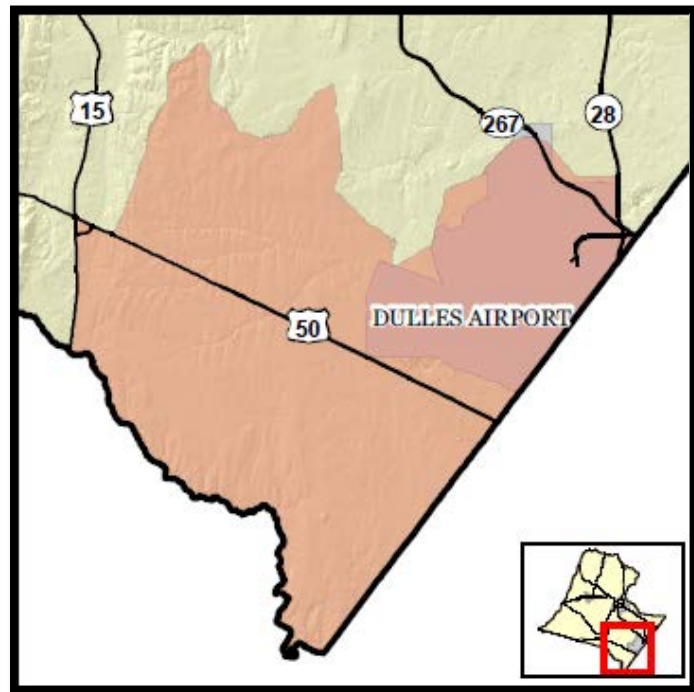
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

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

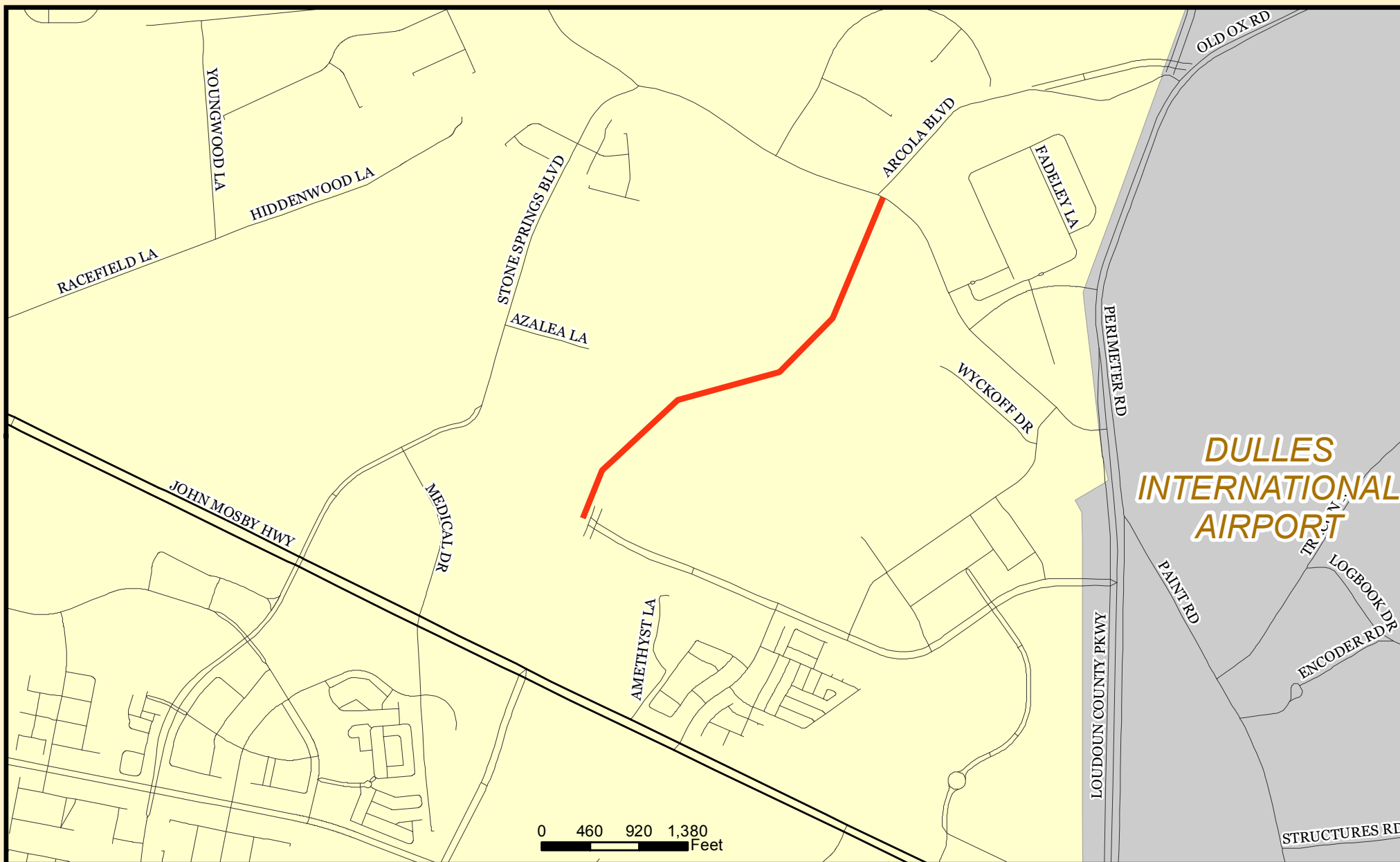
State Revenue Sharing and NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding and State Revenue Sharing funding on County road projects are subject to award of the funding to the County by NVTA and VDOT, respectively.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	3,400	10,000	10,000	23,400	18,100	41,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	3,400	10,000	10,000	23,400	18,100	41,500
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	5,000	5,000	10,000	9,050	19,050
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	5,000	5,000	10,000	4,625	14,625
NVTA 70%	-	-	-	-	3,400	-	-	3,400	-	3,400
NVTA 30%	-	-	-	-	-	-	-	-	4,425	4,425
Total Financing	-	-	-	-	3,400	10,000	10,000	23,400	18,100	41,500



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

ARCOLA BLVD (DULLES WEST BLVD TO RT 606)

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



Map Number 2016-070
Loudoun County Office of Mapping
and Geographic Information

Belmont Ridge Road – Gloucester Parkway to Hay Road

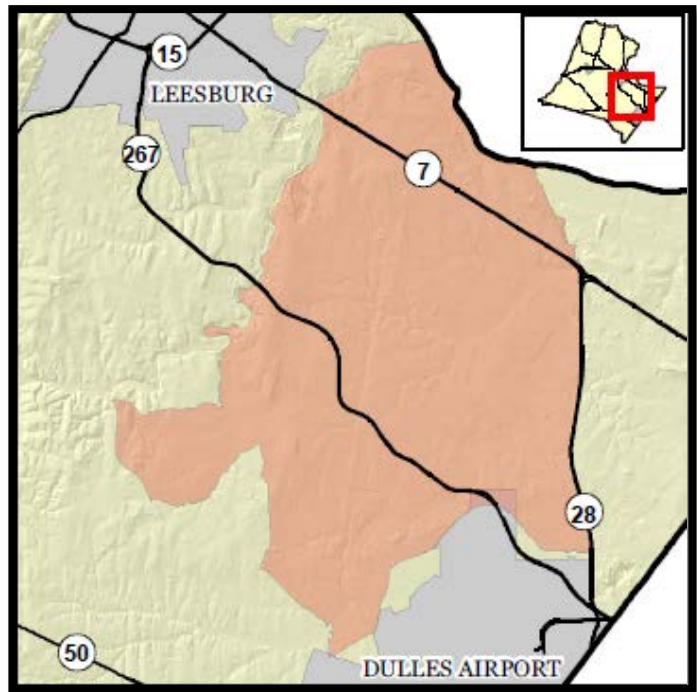
Project Description – C00217

This project provides funding to design and construct two additional lanes to Belmont Ridge Road north of the Dulles Greenway, from Gloucester Parkway to Hay Road, increasing the overall capacity of Belmont Ridge Road from two lanes to four lanes to include a grade separated bridge over the W&OD Trail, and shared-use paths along Belmont Ridge Road. The Virginia Department of Transportation (VDOT) is administering the project as design-build under a Project Agreement with Loudoun County.

Funding for design occurred in FY 2014 using general obligation bonds approved on the November 2013 referendum. NVTAs 70% regional funds and NVTAs 30% local funds were appropriated to this project in FY 2014 for construction. Additional funding for construction is appropriated in FY 2017 using a Board of Supervisors' allocation of \$0.02 of the tax rate for transportation improvement projects.

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

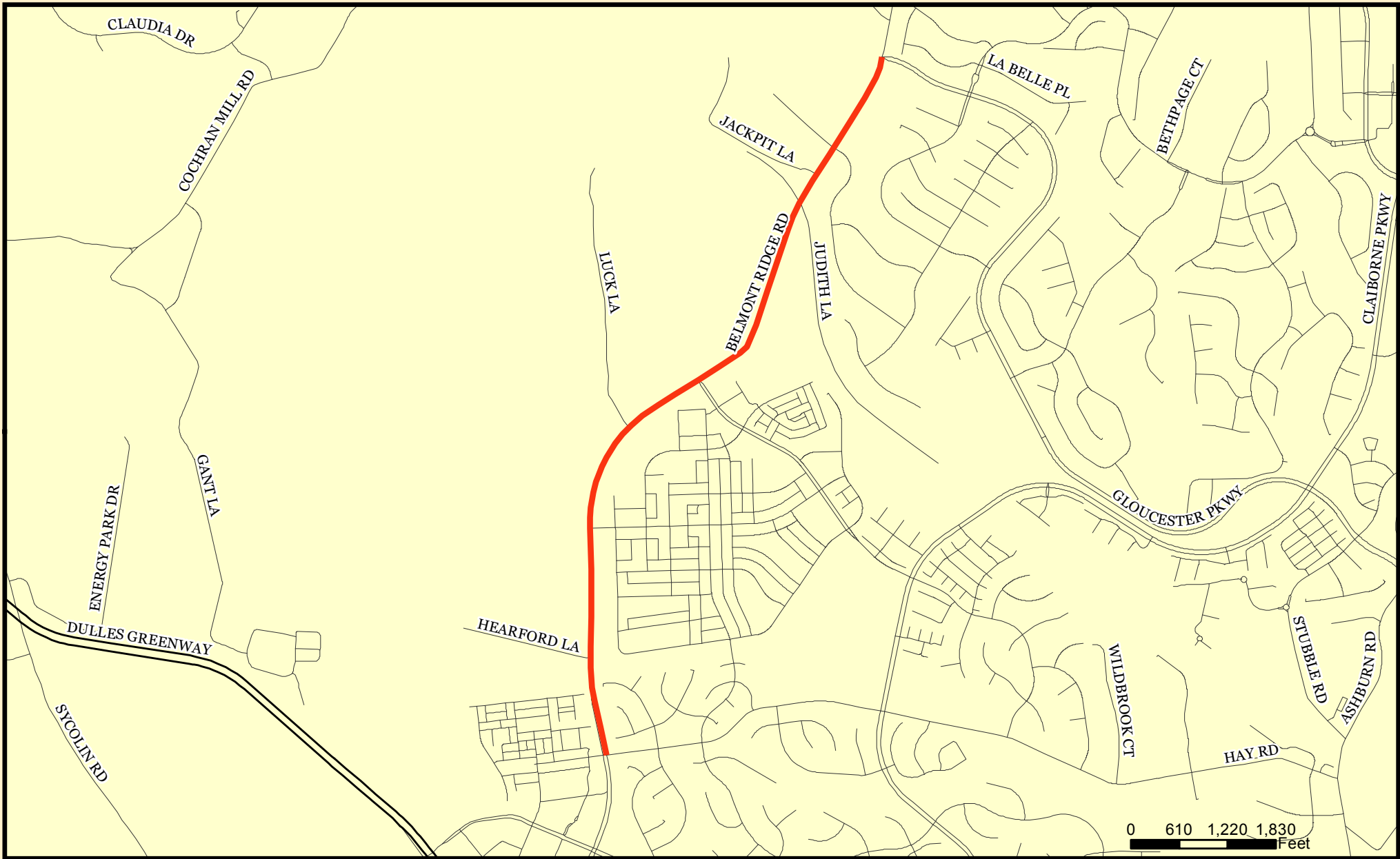
All proposed uses of NVTAs regional funding and State Revenue Sharing funding on County road projects are subject to award of the funding to the County by NVTAs and VDOT, respectively.



Election District

Ashburn

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	2,100	-	-	-	-	-	-	-	-	2,100
Construction	45,915	13,355	-	-	-	-	-	13,355	-	59,270
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	48,015	13,355	-	-	-	-	-	13,355	-	61,370
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	13,000	13,015	-	-	-	-	-	13,015	-	26,015
Fund Balance	-	340	-	-	-	-	-	340	-	340
General Obligation Bonds	2,100	-	-	-	-	-	-	-	-	2,100
Proffers (Cash)	279	-	-	-	-	-	-	-	-	279
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	1,831	-	-	-	-	-	-	-	-	1,831
NVTAs 70%	20,000	-	-	-	-	-	-	-	-	20,000
NVTAs 30%	10,805	-	-	-	-	-	-	-	-	10,805
Total Financing	48,015	13,355	-	-	-	-	-	13,355	-	61,370



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 Capital Improvement Program Projects

BELMONT RIDGE RD - GLOUCESTER PKWY TO HAY RD

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



Map Number 2014-053

Loudoun County Office of Mapping
and Geographic Information

Belmont Ridge Road – Shreveport Drive to Evergreen Mills Road

Project Description

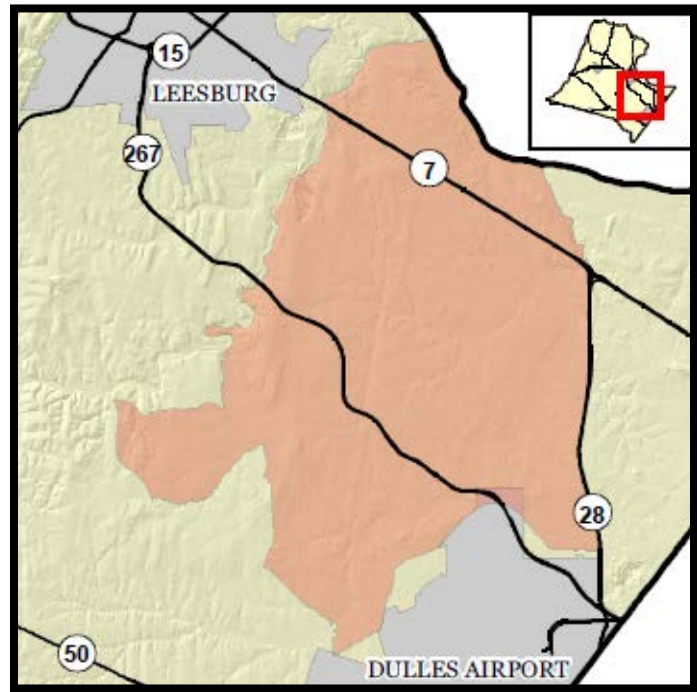
This project provides for the design, right-of-way acquisition, and widening of Belmont Ridge Road from two lanes to four lanes between Shreveport Drive and Evergreen Mills Road.

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 2020 referendum.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	1,435	1,435	-	1,435
Construction	-	-	-	-	-	-	-	-	15,865	15,865
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,435	1,435	15,865	17,300
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	1,840	1,840
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,435	1,435	8,515	9,950
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	5,510	5,510
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	1,435	1,435	15,865	17,300



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2017-030
Loudoun County Office of Mapping
and Geographic Information



Belmont Ridge Road – Truro Parish Drive to Croson Lane

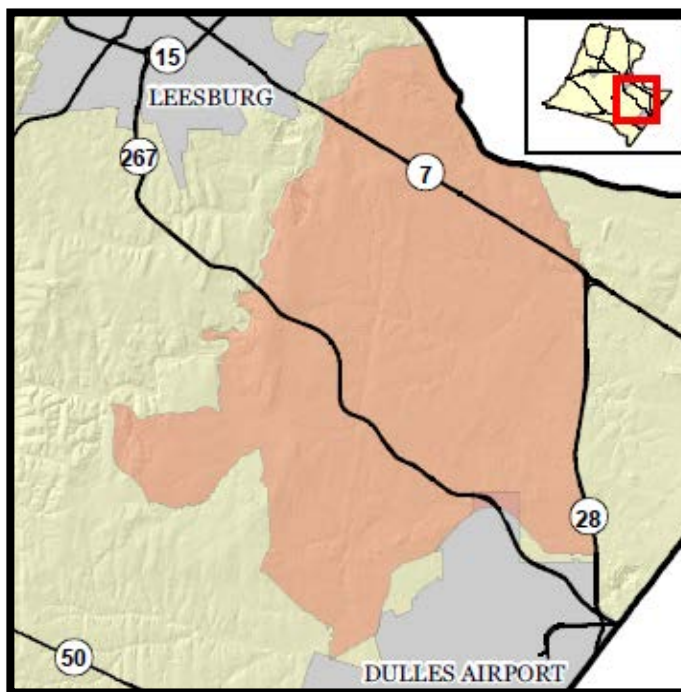
Project Description – C02043

This project provides funding to design and construct two additional lanes to Belmont Ridge Road from Truro Parish Drive to Croson Lane, increasing the overall capacity of Belmont Ridge Road. The section will be a four-lane median-divided roadway.

Funding for design occurred in FY 2014 using general obligation bonds approved on the November 2013 referendum. Funding for construction is appropriated over three years - in FY 2015, FY 2016 and FY 2018 to take advantage of multiple funding sources to fully fund the project while minimizing debt issuance. In FY 2015, the County allocated NVTA 70% regional funds and local tax funding. In FY 2016, the County allocated cash proffers to the project. In FY 2018, the project will be funded using Board of Supervisors' allocation of \$0.02 of the tax rate for transportation improvements, State Revenue Sharing funds and NVTA 30% local funds.

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

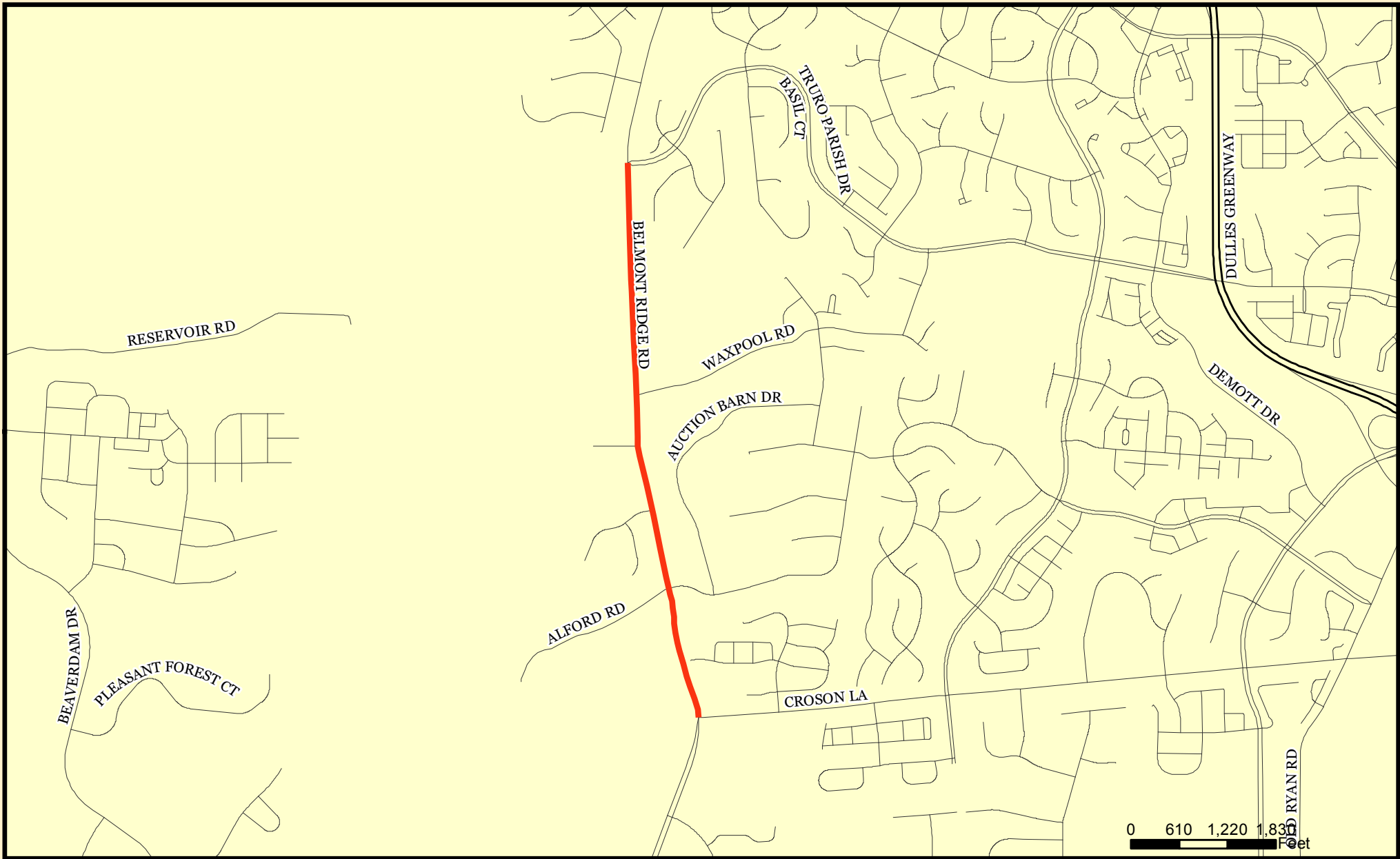
State Revenue Sharing and NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding and State Revenue Sharing funding on County road projects are subject to award of the funding to the County by NVTA and VDOT, respectively.



Election District

Blue Ridge, Broad Run

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	1,700	-	-	-	-	-	-	-	-	1,700
Professional Services	2,230	-	-	-	-	-	-	-	-	2,230
Construction	18,933	-	21,000	-	-	-	-	21,000	-	39,933
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	22,863	-	21,000	-	-	-	-	21,000	-	43,863
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	1,000	-	13,600	-	-	-	-	13,600	-	14,600
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	-	2,400
Total Financing	22,863	-	21,000	-	-	-	-	21,000	-	43,863



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2014-052
Loudoun County Office of Mapping
and Geographic Information

Braddock Road – Route 659 to Fairfax County Line

Project Description

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

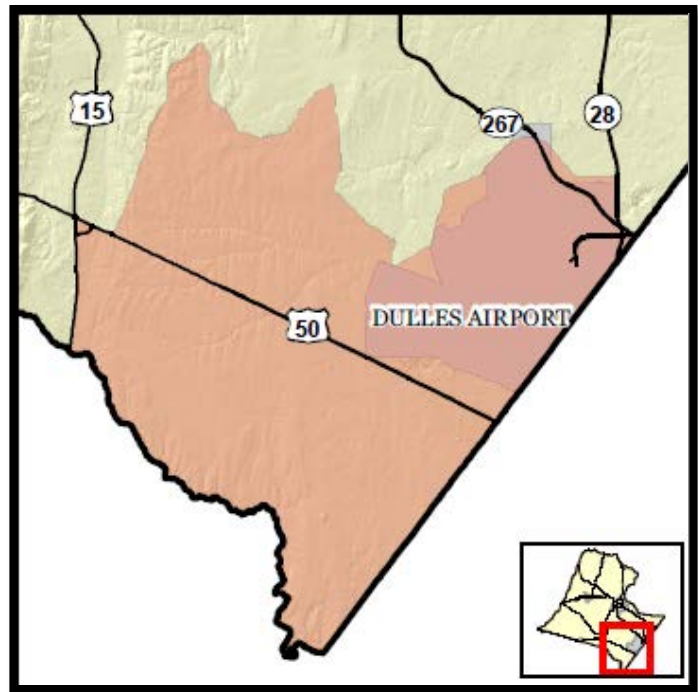
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

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

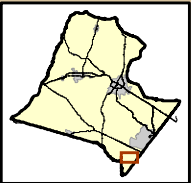
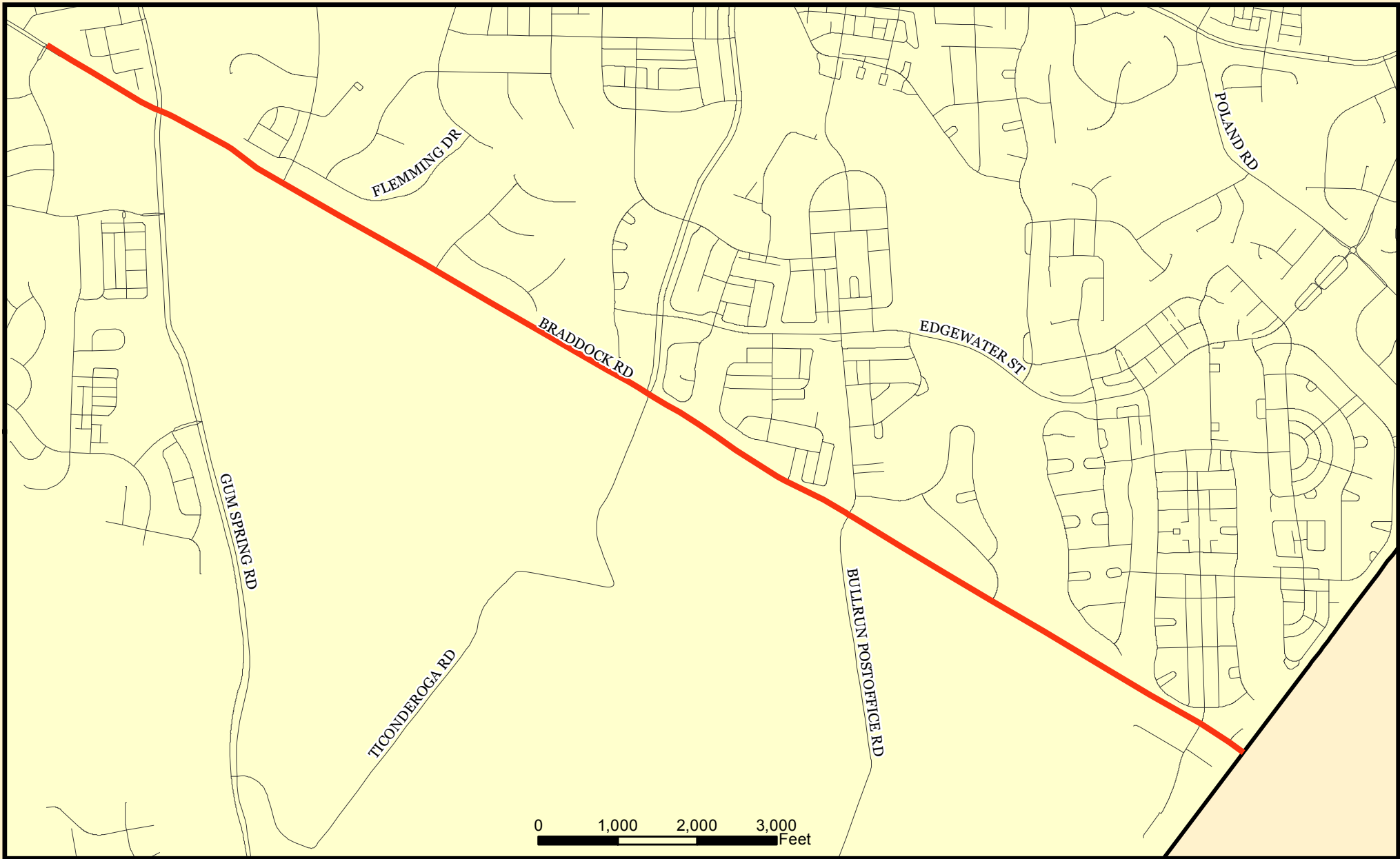
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.

Election District

Blue Ridge, Dulles



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	22,340	22,340
Professional Services	-	-	-	-	-	-	-	-	15,920	15,920
Construction	-	-	-	-	-	-	-	-	116,500	116,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	154,760	154,760
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	29,945	29,945
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	60,785	60,785
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	52,550	52,550
NVTA 30%	-	-	-	-	-	-	-	-	11,480	11,480
Total Financing	-	-	-	-	-	-	-	-	154,760	154,760



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 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 2016-346

Loudoun County Office of Mapping
and Geographic Information



Braddock Road – Route 659 to Royal Hunter Drive

Project Description

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

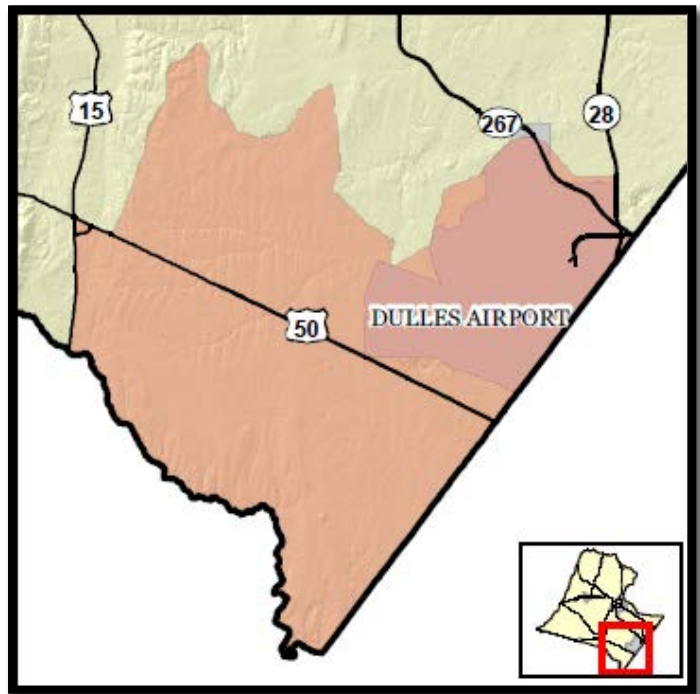
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

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

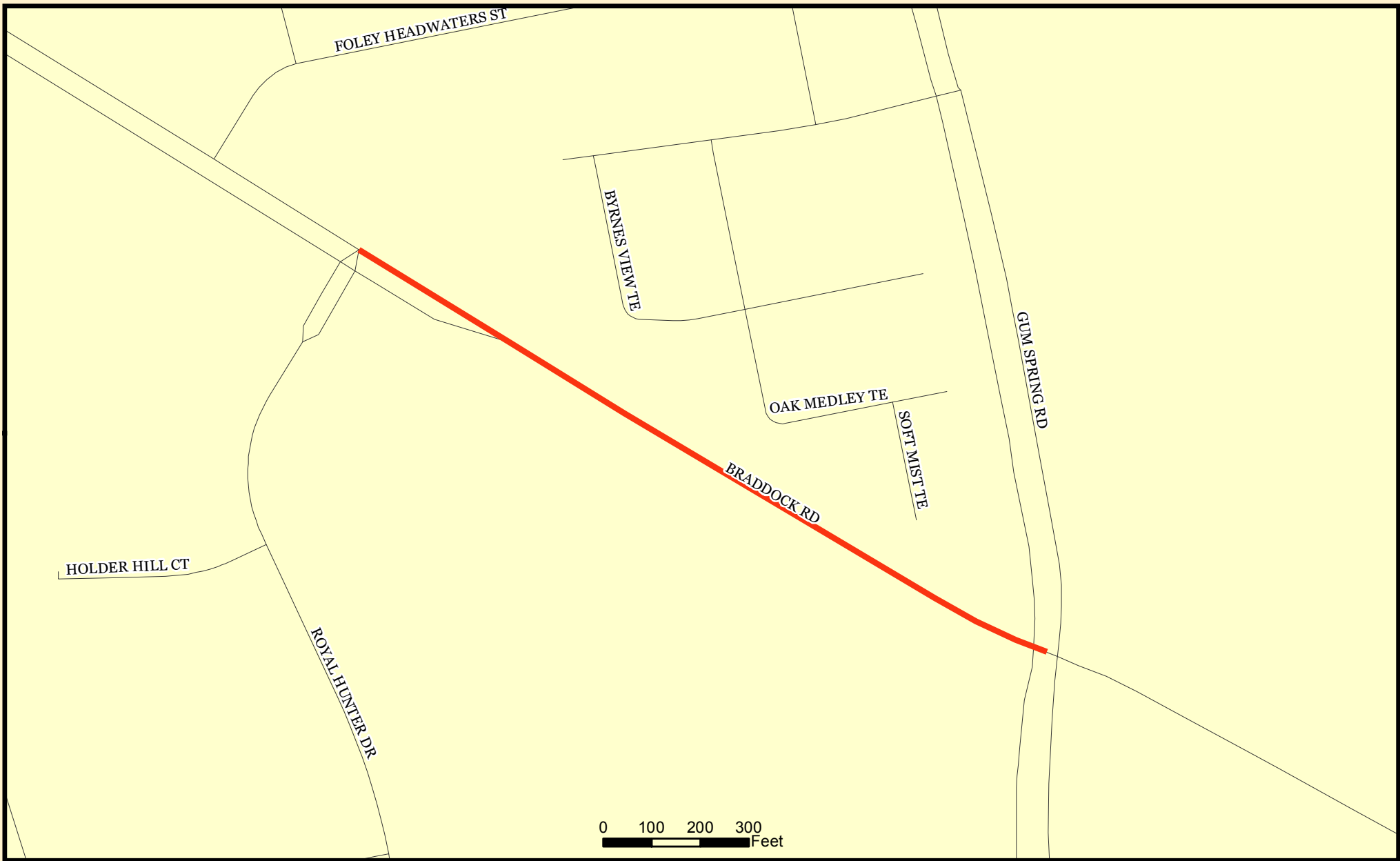
This project is funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.

Election District

Blue Ridge, Dulles



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	1,000	1,000
Professional Services	-	-	-	-	-	-	1,000	1,000	-	1,000
Construction	-	-	-	-	-	-	-	-	4,095	4,095
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,000	1,000	5,095	6,095
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	4,095	4,095
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,000	1,000	1,000	2,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	1,000	1,000	5,095	6,095



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

BRADDOCK ROAD WIDENING (GUM SPRING RD TO VIRGINIA MANOR DR)

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



Map Number 2016-345
Loudoun County Office of Mapping
and Geographic Information

Braddock/Summerall/Supreme Intersection Improvements

Project Description – C02121

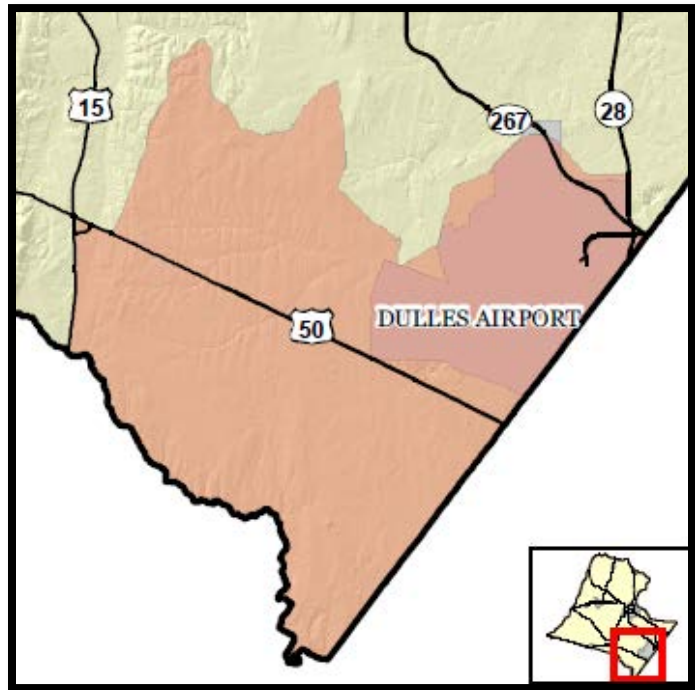
This project provides for the installation of a traffic signal and turn lanes at the intersection of Braddock Road (Route 620), Supreme Drive (Route 1257) and Summerall Drive (Route 1258). The missing half-section of Braddock Road near the subject intersection will be widened from two lanes to four lanes, the ultimate roadway condition of Braddock Road per the 2010 Countywide Transportation Plan, with bicycle/pedestrian facilities on both sides of the roadway.

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road 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. This project is funded using general obligation bonds that were approved by voters on the November 2016 referendum.

Election District

Blue Ridge, Dulles



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	2,000	2,421	-	-	-	-	4,421	-	4,421
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	2,000	2,421	-	-	-	-	4,421	-	4,421
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	2,000	-	-	-	-	-	2,000	-	2,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	2,421	-	-	-	-	2,421	-	2,421
Total Financing	-	2,000	2,421	-	-	-	-	4,421	-	4,421



LOUDOUN COUNTY GOVERNMENT

FY 2017 - FY 2022 Capital Improvement Program Projects

BRADDOCK RD/SUMMERALL RD/SUPREME RD INTERSECTION IMPROVEMENTS

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



Map Number 2015-316
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 to four lanes from Claiborne Parkway to Old Ryan Road. The project entails the construction of a four-lane median-divided roadway within a 120-foot right-of-way.

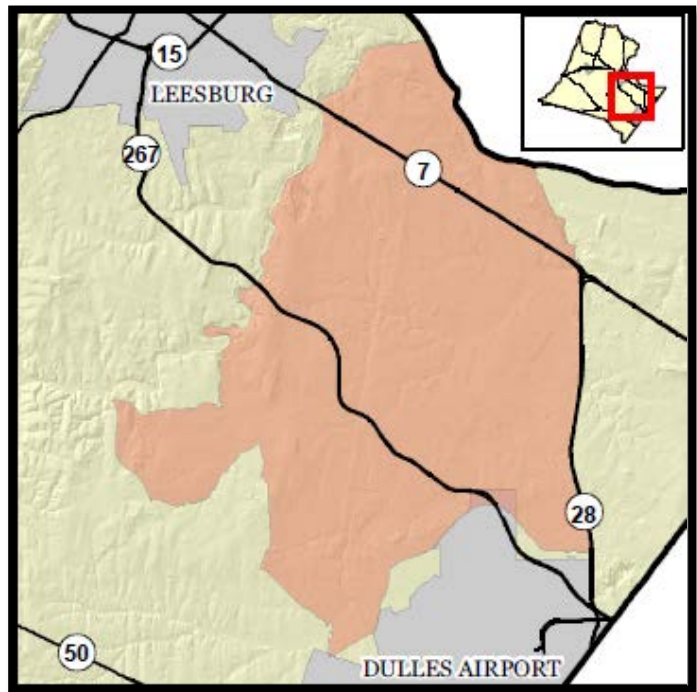
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

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

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

Election District

Blue Ridge, Dulles



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	1,900	1,900
Professional Services	-	-	-	-	-	-	2,920	2,920	-	2,920
Construction	-	-	-	-	-	-	-	-	16,450	16,450
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	2,920	2,920	18,350	21,270
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	8,065	8,065
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	2,920	2,920	10,285	13,205
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	2,920	2,920	18,350	21,270



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements 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 2016-347

Loudoun County Office of Mapping
and Geographic Information

Crosstrail Boulevard – Kincaid Boulevard to Russell Branch Parkway

Project Description – C00046 & C02069

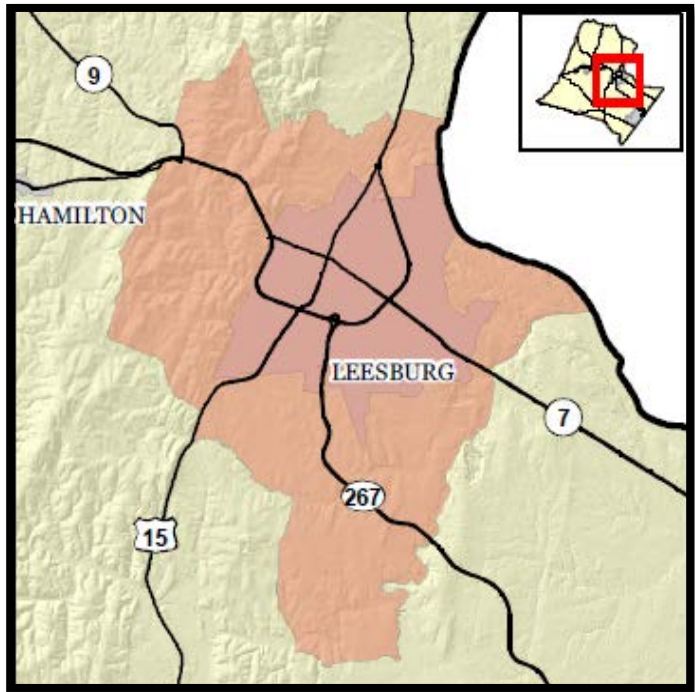
This project constructs segments of Crosstrail Boulevard in the vicinity of Philip A. Bolen Memorial Park and the Leesburg Airport in the Leesburg Planning Subarea. This project provides funding to construct four lanes of Crosstrail Boulevard from Kincaid Boulevard to Russell Branch Parkway near Route 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 100% complete.

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

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 2018 referendum.

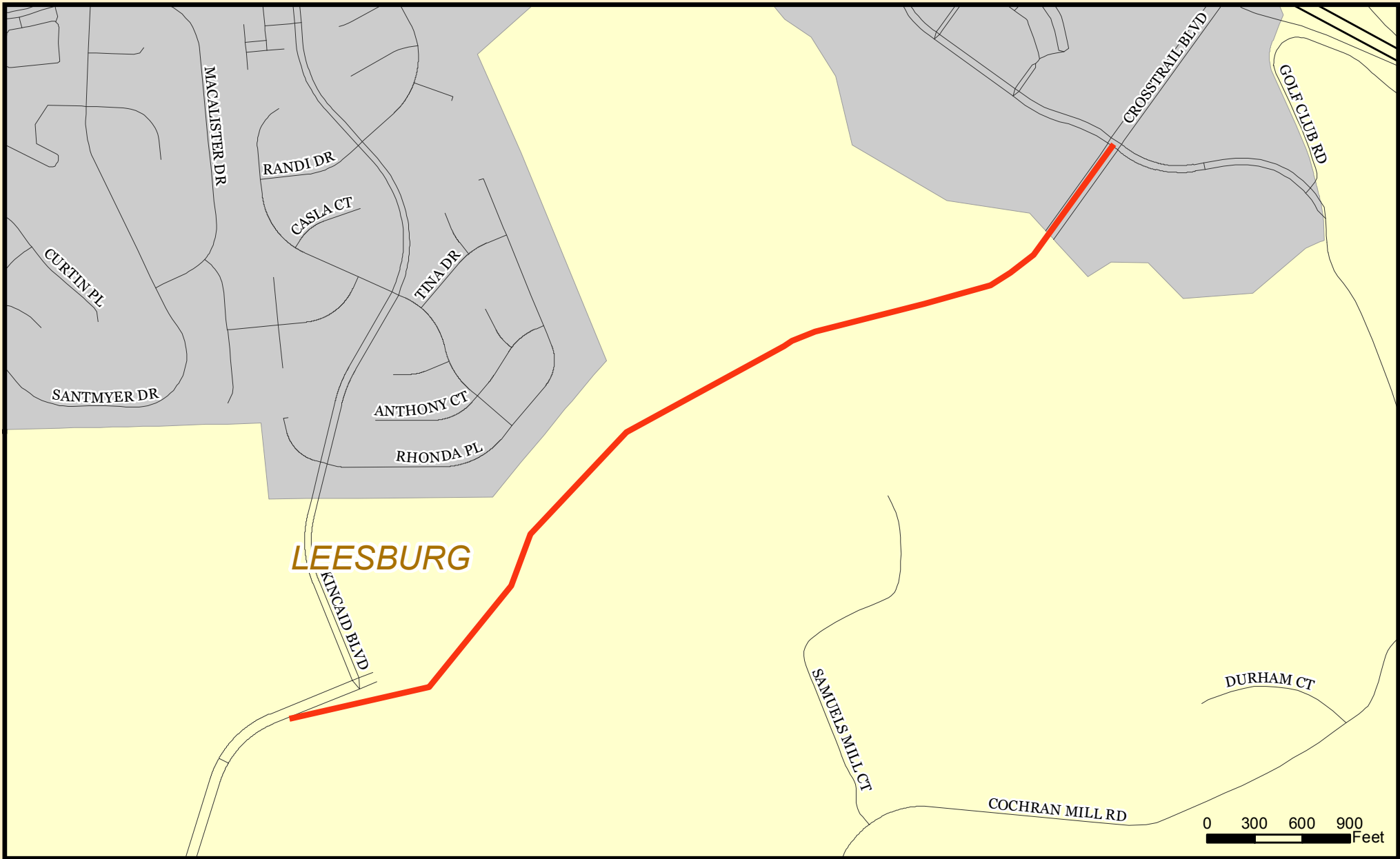


Election District

Catoctin

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	2,000	-	-	-	-	-	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	31,300	2,000	-	-	41,560	-	-	43,560	-	74,860
Local Tax Funding	-	2,000	-	-	-	-	-	2,000	-	2,000
Local Tax Funding - Roads	1,300	-	-	-	-	-	-	-	-	1,300
Lease Revenue Financing	30,000	-	-	-	-	-	-	-	-	30,000
General Obligation Bonds	-	-	-	-	41,560	-	-	41,560	-	41,560
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	31,300	2,000	-	-	41,560	-	-	43,560	-	74,860

Operating Impact (\$ in 1000s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Debt Service	75	-	-	-	750	2,981	3,806
Total Impact	75	-	-	-	750	2,981	3,806



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2014-065
Loudoun County Office of Mapping
and Geographic Information

Dulles West Boulevard – Dulles Landing to Hutchinson Farm

Project Description

This project provides for the planning, design, right-of-way acquisition and construction of a four-lane segment of Dulles West Boulevard from Dulles Landing Drive to Hutchinson Farm Drive. The project entails the construction of a four-lane median-divided roadway within a 120-foot right-of-way.

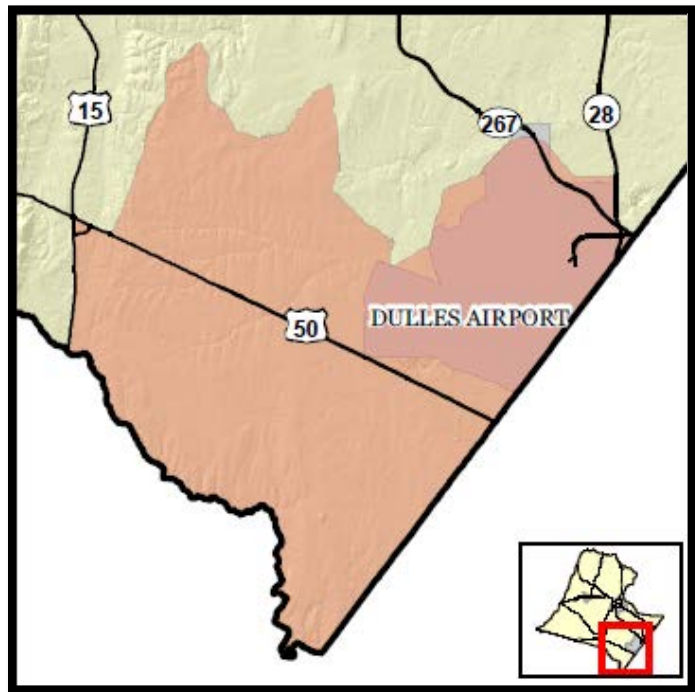
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

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

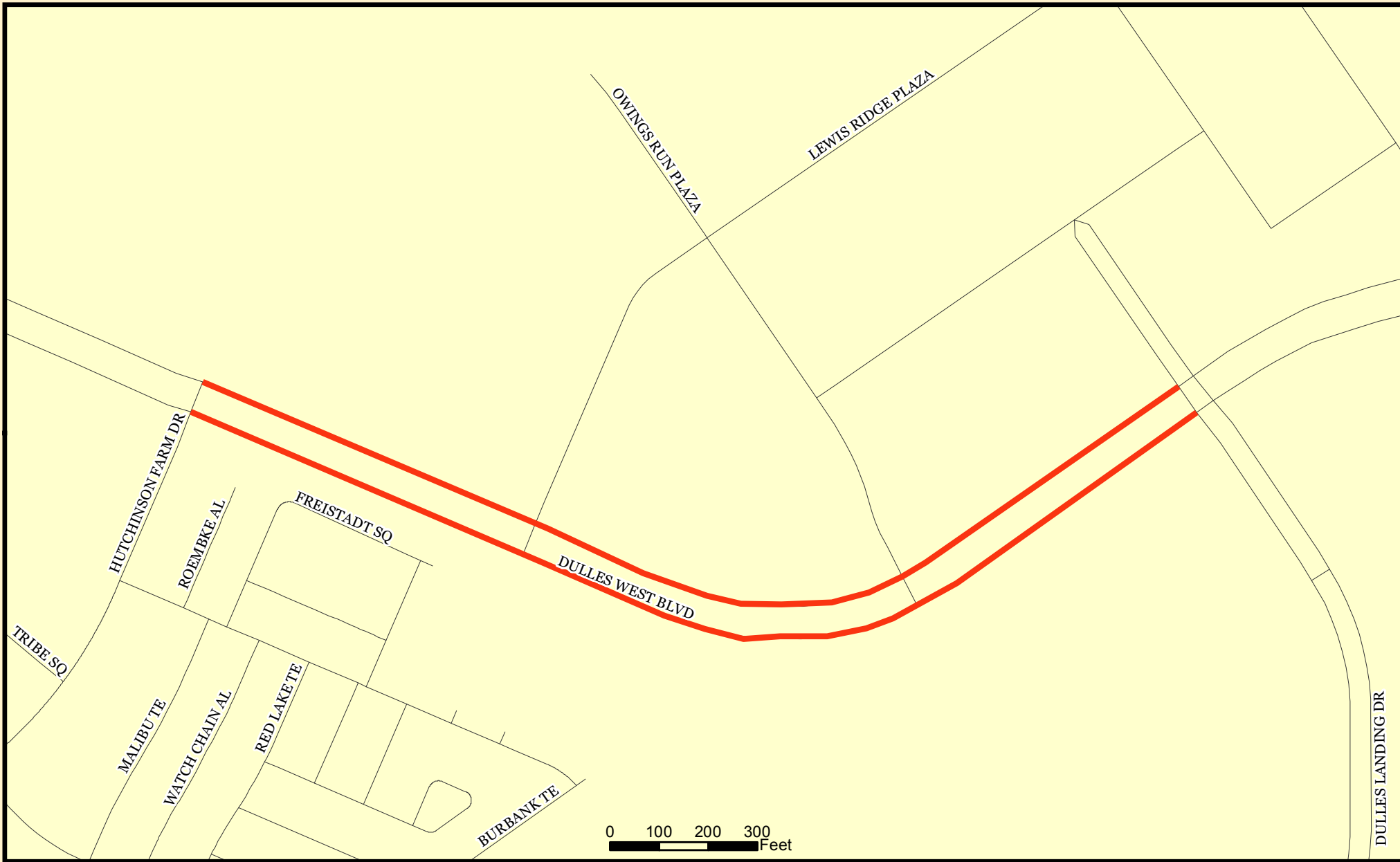
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.

Election District

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	4,000	-	-	-	4,000	-	4,000
Professional Services	-	-	-	4,100	-	-	-	4,100	-	4,100
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	8,100	-	-	-	8,100	-	8,100
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	8,100	-	-	-	8,100	-	8,100
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	8,100	-	-	-	8,100	-	8,100



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

DULLES WEST BLVD (DULLES LANDING TO HUTCHINSON FARM DR)

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



Map Number 2016-348

Loudoun County Office of Mapping
and Geographic Information

Dulles West Boulevard – Hutchinson Farm 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 from Hutchinson Farm Drive to Arcola Boulevard. 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.

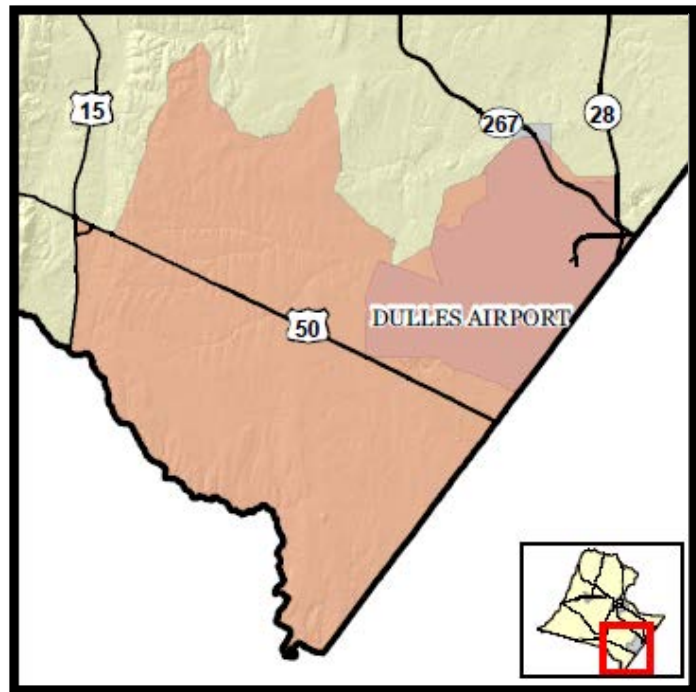
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

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.

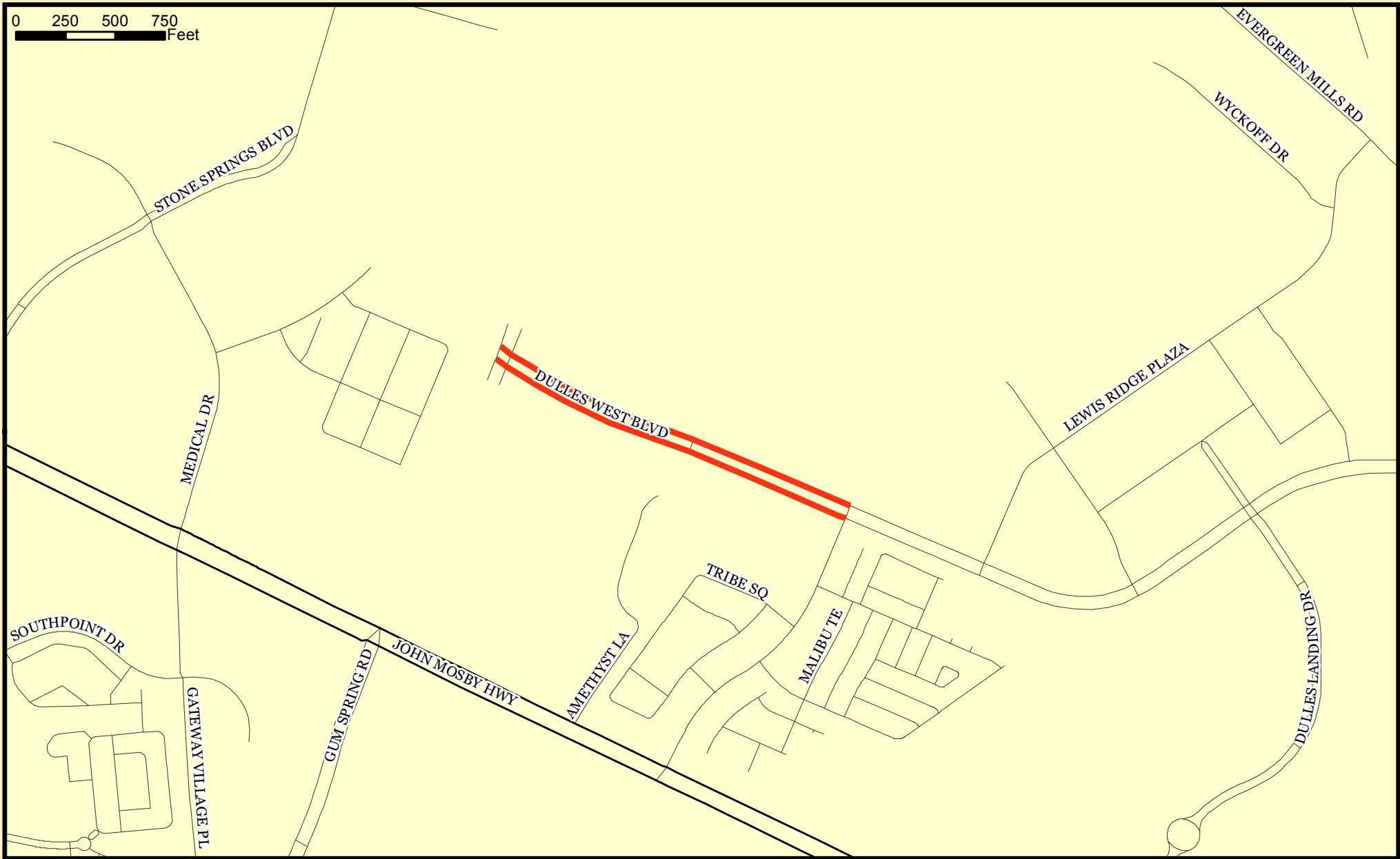
Election District

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	9,114	-	-	9,114	-	9,114
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	9,114	-	-	9,114	-	9,114
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%	-	-	-	-	6,600	-	-	6,600	-	6,600
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	9,114	-	-	9,114	-	9,114

0 250 500 750 Feet



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

DULLES WEST BLVD (HUTCHINSON FARM DR TO ARCOLA BLVD)

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



Map Number 2016-349

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 from Arcola Boulevard to Northstar Boulevard. The project entails the construction of a four-lane median-divided roadway within a 120-foot right-of-way.

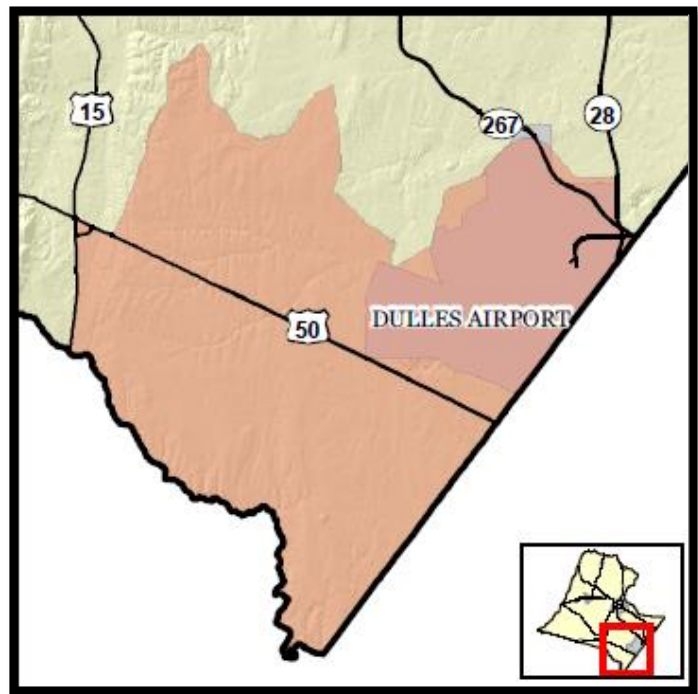
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

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

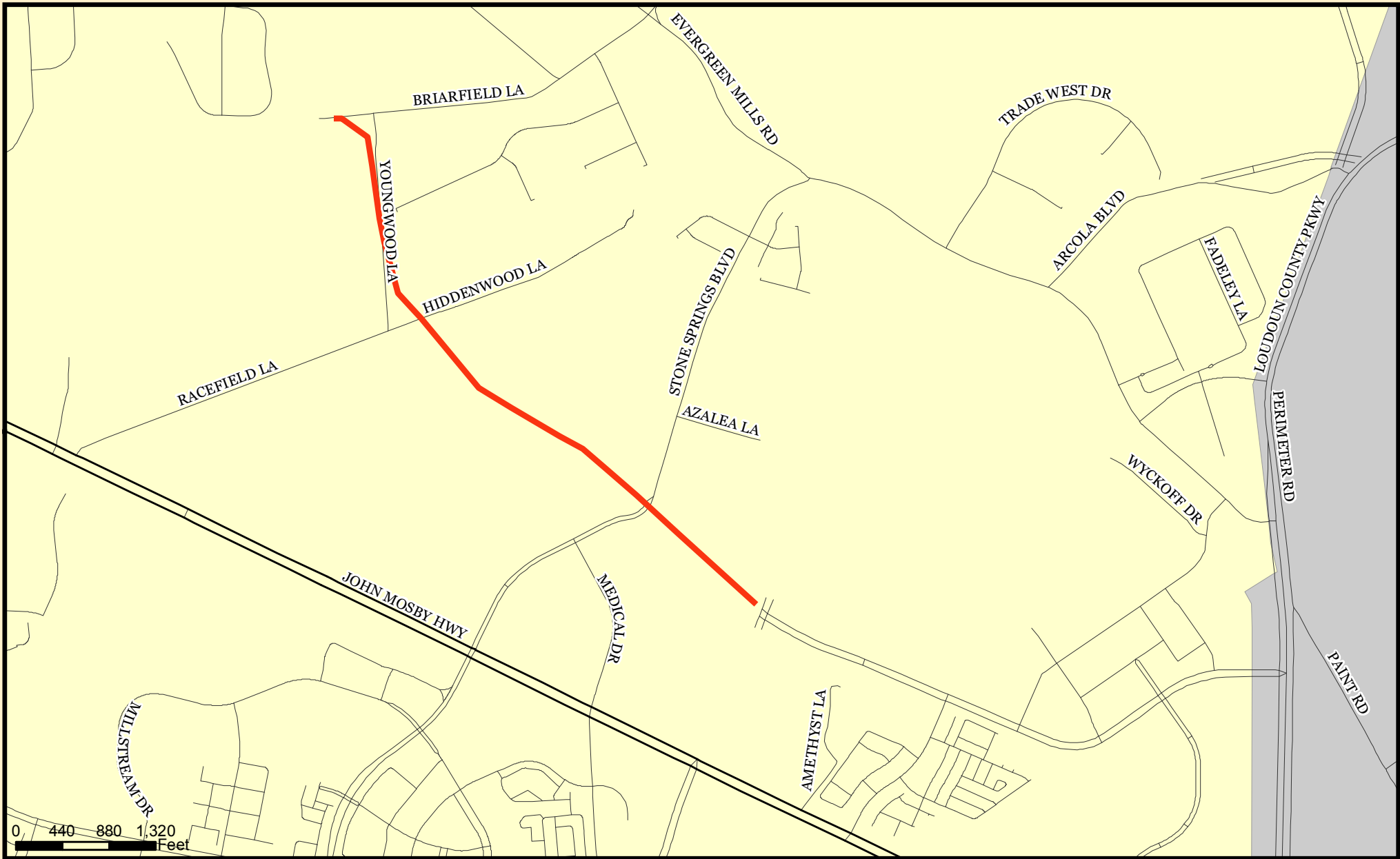
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. This project is also funded using general obligation bonds that will be scheduled for placement on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

Election District

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	6,000	6,000	-	6,000
Professional Services	-	-	-	-	-	10,600	-	10,600	-	10,600
Construction	-	-	-	-	-	-	-	-	21,000	21,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	6,100	6,100	-	6,100
Total Cost	-	-	-	-	-	10,600	12,100	22,700	21,000	43,700
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	10,600	-	10,600	-	10,600
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	12,100	12,100	21,000	33,100
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	10,600	12,100	22,700	21,000	43,700
Operating Impact (\$ in 1000s)										
Debt Service		-	-	-	-	-	530	530		
Total Impact		-	-	-	-	-	530	530		



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 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 2016-077

Loudoun County Office of Mapping
and Geographic Information

Elk Lick Road Intersection Improvements

Project Description – C02115

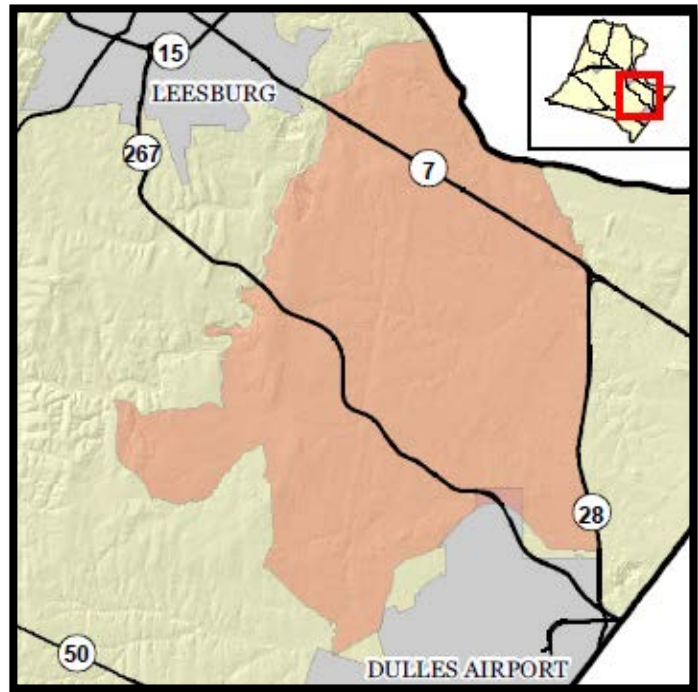
This project provides for closure of the median at Route 50 and Elk Lick Road and converting the access at Elk Lick Road to right in/right out, improvements to Defender Drive between Elk Lick Road and South Riding Boulevard and a traffic signal at Elk Lick Road and Tall Cedars Parkway.

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

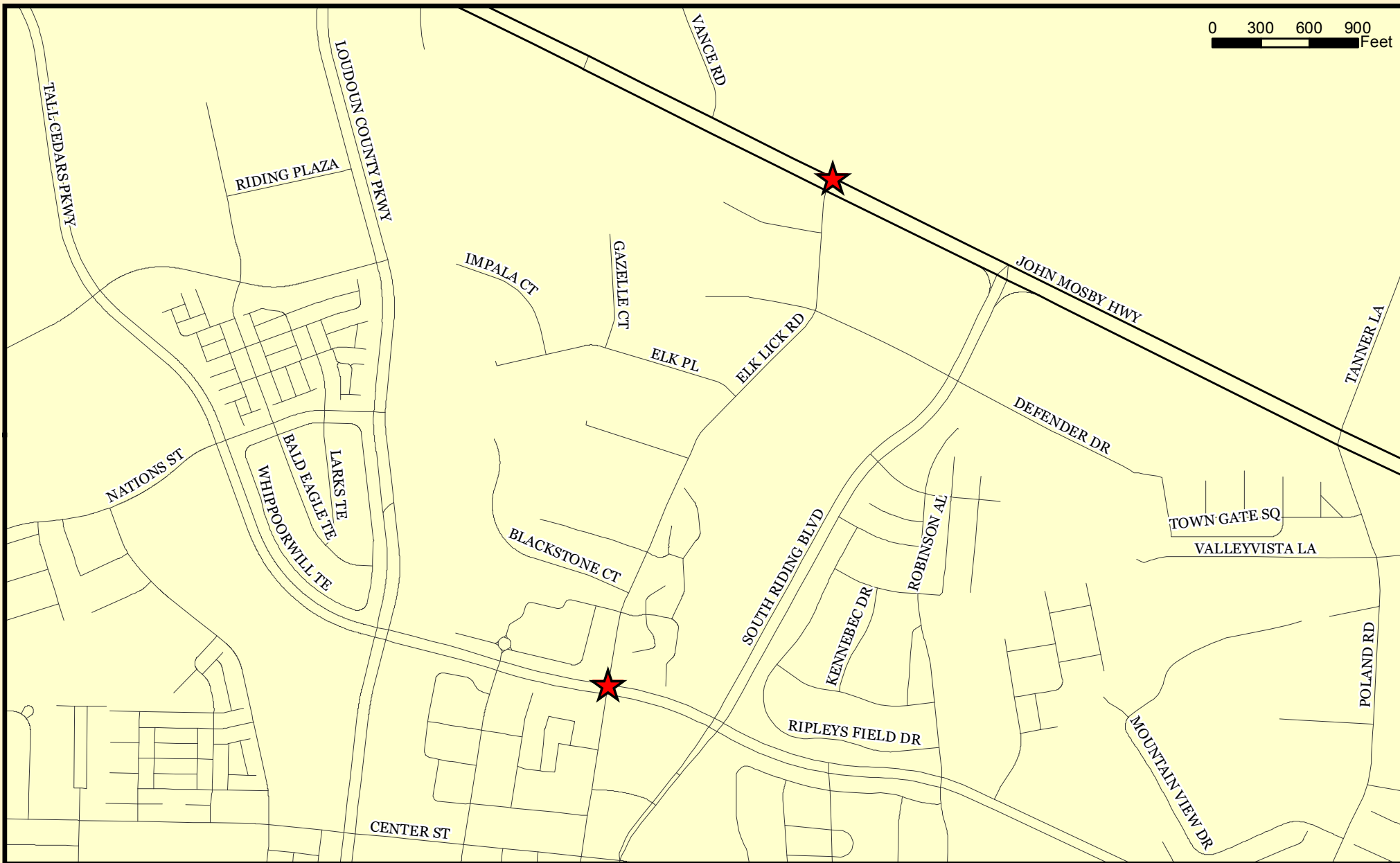
This project is funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.

Election District

Dulles



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project 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	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	89	-	-	-	-	-	1,565	1,565	-	1,654



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2017-031

Loudoun County Office of Mapping and Geographic Information

Evergreen Mills Road – Northstar Boulevard to Belmont Ridge Road

Project Description

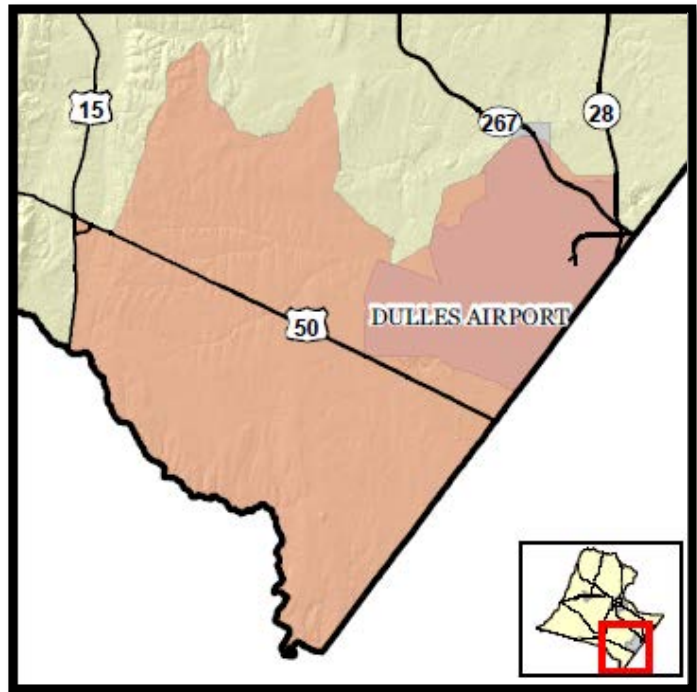
This project provides for the design, right-of-way acquisition, and widening of Evergreen Mills Road from two lanes to four lanes between Northstar Boulevard and Belmont Ridge Road.

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

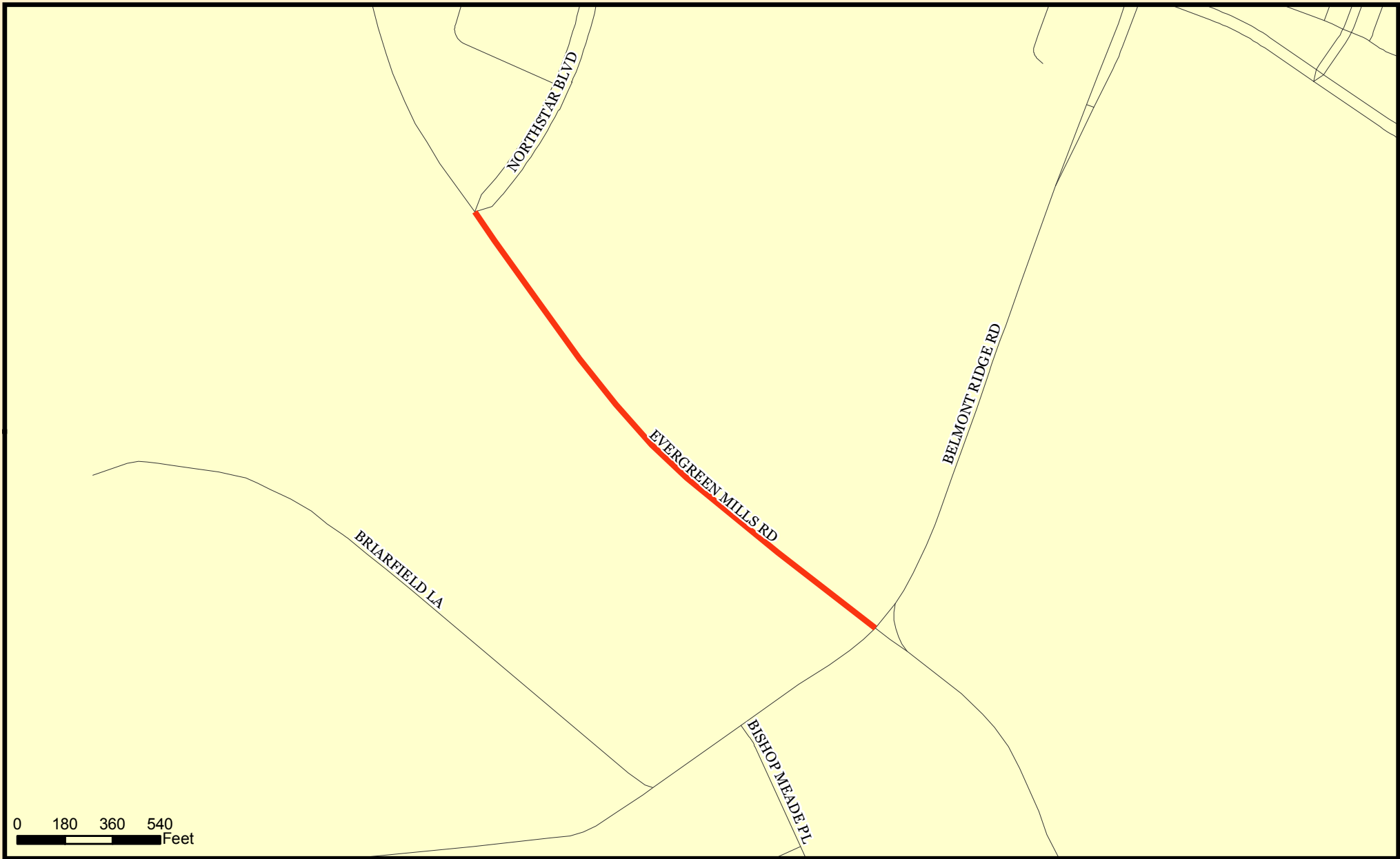
State Revenue Sharing and NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding and State Revenue Sharing funding on County road projects are subject to award of the funding to the County by NVTA and VDOT, respectively. This project is 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 Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	3,163	3,163
Professional Services	-	-	-	-	-	-	6,720	6,720	-	6,720
Construction	-	-	-	-	-	-	-	-	39,147	39,147
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	3,290	3,290
Total Cost	-	-	-	-	-	-	6,720	6,720	45,600	52,320
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	1,830	1,830
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,000	1,000	3,470	4,470
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 70%	-	-	-	-	-	-	720	720	40,300	41,020
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	6,720	6,720	45,600	52,320



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

EVERGREEN MILLS RD - NORTHSTAR BLVD TO BELMONT RIDGE RD

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



Map Number 2016-074

Loudoun County Office of Mapping
and Geographic Information

Evergreen Mills Road – Belmont Ridge Road to Stone Springs Boulevard

Project Description

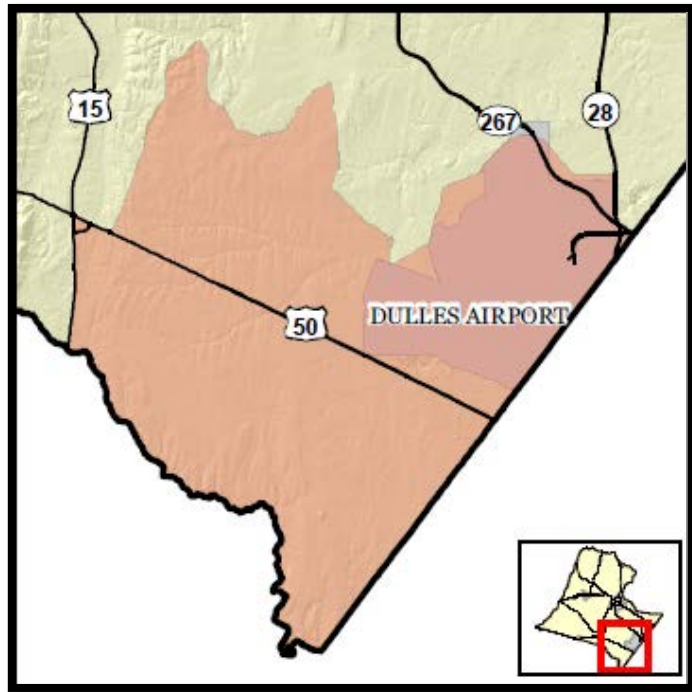
This project provides for the design, right-of-way acquisition and construction of intersection improvements at the intersection of Evergreen Mills Road and Belmont Ridge Road, and the intersection of Stone Springs Boulevard and Evergreen Mills Road, as well as the widening of Evergreen Mills Road from two lanes to four lanes between the aforementioned intersections.

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

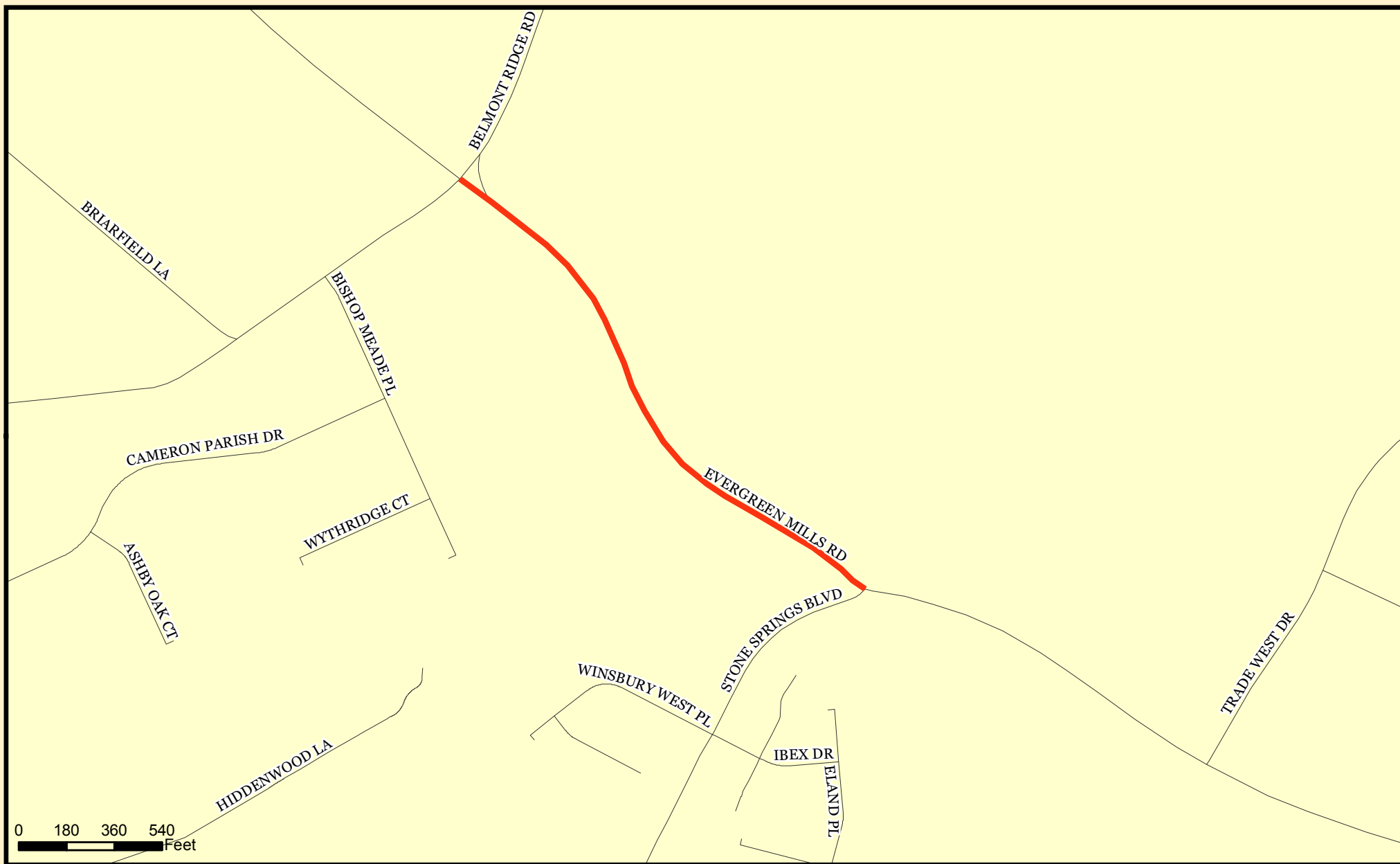
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. All proposed uses of NVTA 30% local funding on County Road projects are subject to allocation of the funds to the County by NVTA. This project is funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	6,000	-	6,000	-	6,000
Professional Services	-	-	-	-	3,285	-	-	3,285	-	3,285
Construction	-	-	-	-	-	-	13,760	13,760	-	13,760
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	3,285	6,000	13,760	23,045	-	23,045
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	6,000	1,280	7,280	-	7,280
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	12,480	12,480	-	12,480
NVTA 30%	-	-	-	-	3,285	-	-	3,285	-	3,285
Total Financing	-	-	-	-	3,285	6,000	13,760	23,045	-	23,045
Operating Impact (\$ in 1000s)										
Debt Service	-	-	-	-	-	-	300	300	-	300
Total Impact	-	-	-	-	-	-	300	300	-	300



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

EVERGREEN MILLS RD (BELMONT RIDGE RD 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 2016-073
Loudoun County Office of Mapping
and Geographic Information

Evergreen Mills Road – Stone Springs Boulevard to Arcola Boulevard

Project Description

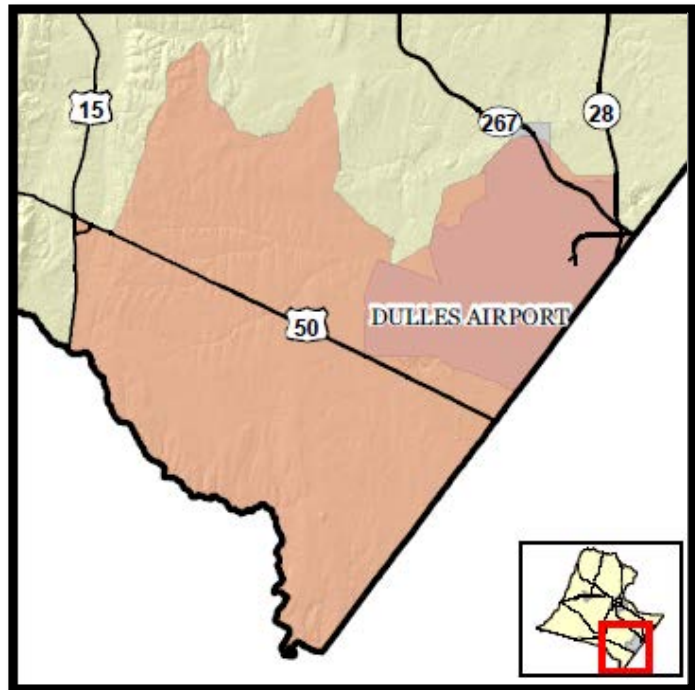
This project provides for the design, right-of-way acquisition, and widening of Evergreen Mills Road from two lanes to four lanes between Stone Springs Boulevard and Arcola Boulevard.

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

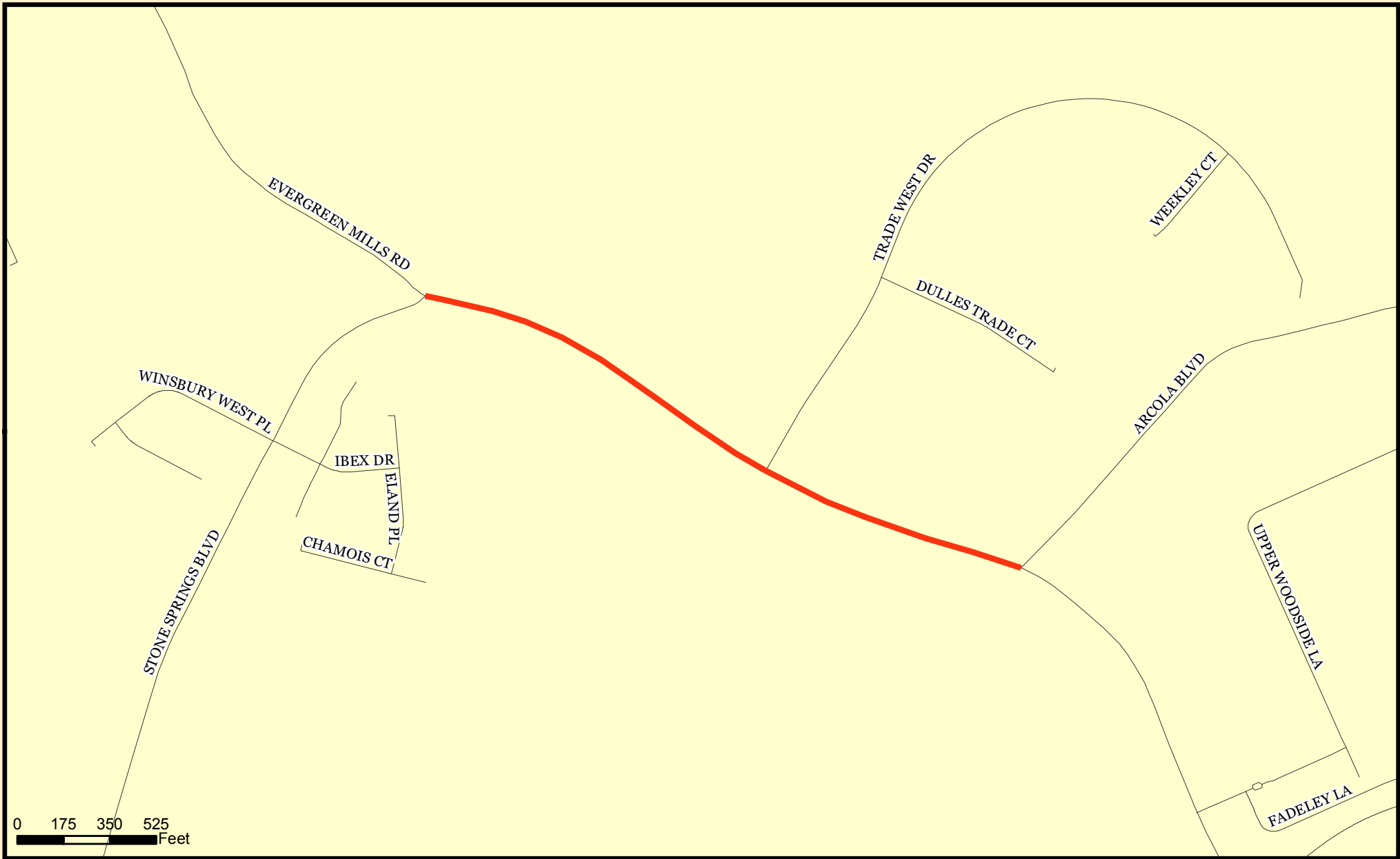
This project is funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	2,300	2,300	-	2,300
Professional Services	-	-	-	-	-	1,300	-	1,300	-	1,300
Construction	-	-	-	-	-	-	10,730	10,730	-	10,730
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	1,300	13,030	14,330	-	14,330
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	7,030	7,030	-	7,030
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	1,300	6,000	7,300	-	7,300
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	1,300	13,030	14,330	-	14,330
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	130	130		
Total Impact		-	-	-	-	-	130	130		



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

EVERGREEN MILLS RD (STONE SPRINGS BLVD TO ARCOLA BLVD)

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



Map Number 2016-075

Loudoun County Office of Mapping and Geographic Information

Evergreen Mills Road – Arcola Boulevard to Loudoun County Parkway

Project Description

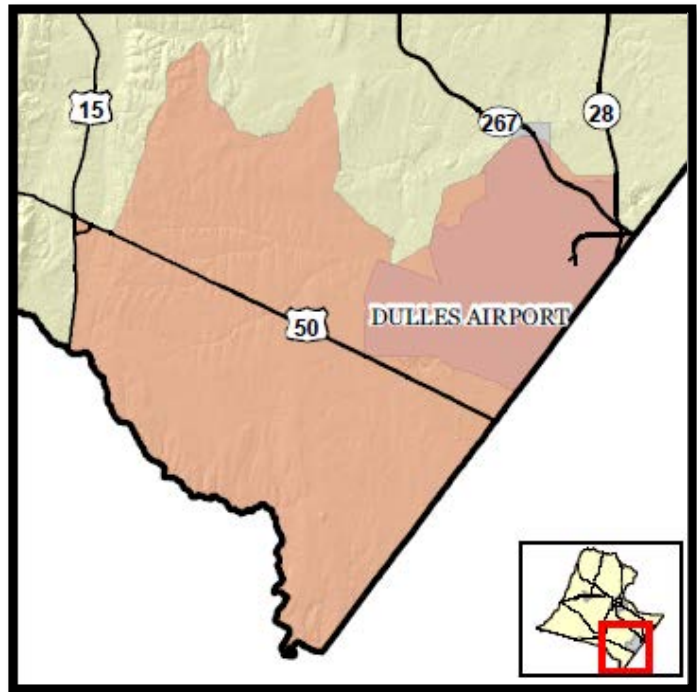
This project provides for the design, right-of-way acquisition and construction to widen from two lanes to four lanes Evergreen Mills Road from Arcola Boulevard to Loudoun County Parkway.

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

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

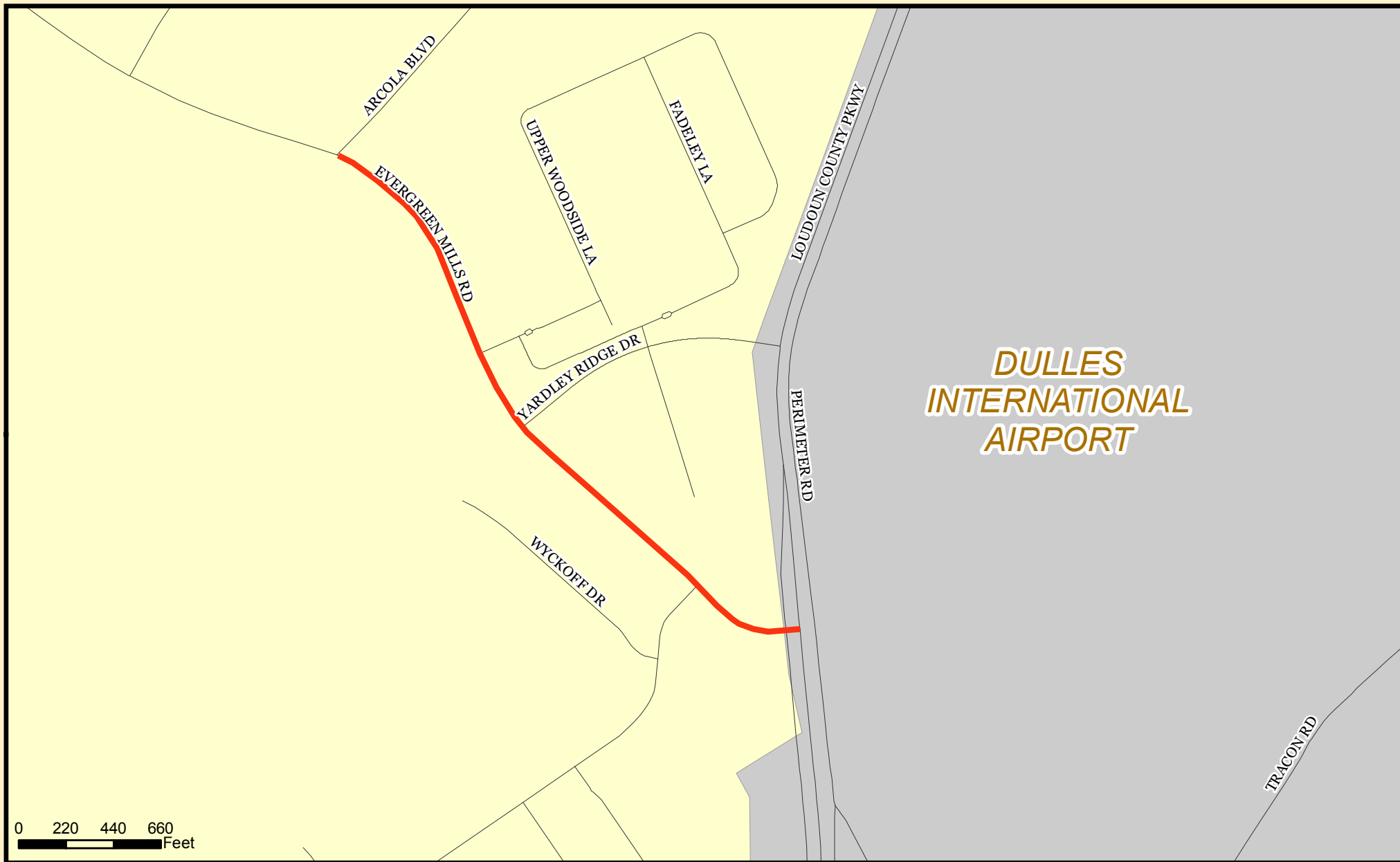
Election District

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	3,000	3,000	-	3,000
Professional Services	-	-	-	-	-	2,500	-	2,500	-	2,500
Construction	-	-	-	-	-	-	13,713	13,713	-	13,713
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	2,500	16,713	19,213	-	19,213
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	2,500	3,000	5,500	-	5,500
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	10,663	10,663	-	10,663
NVTA 30%	-	-	-	-	-	-	3,050	3,050	-	3,050
Total Financing	-	-	-	-	-	2,500	16,713	19,213	-	19,213

Operating Impact (\$ in 1000s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Debt Service	-	-	-	-	-	250	250
Total Impact	-	-	-	-	-	250	250



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

EVERGREEN MILLS RD (ARCOLA 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 2016-072
Loudoun County Office of Mapping
and Geographic Information

Evergreen Mills Road Realignments - Reservoir Road & Watson Road

Project Description

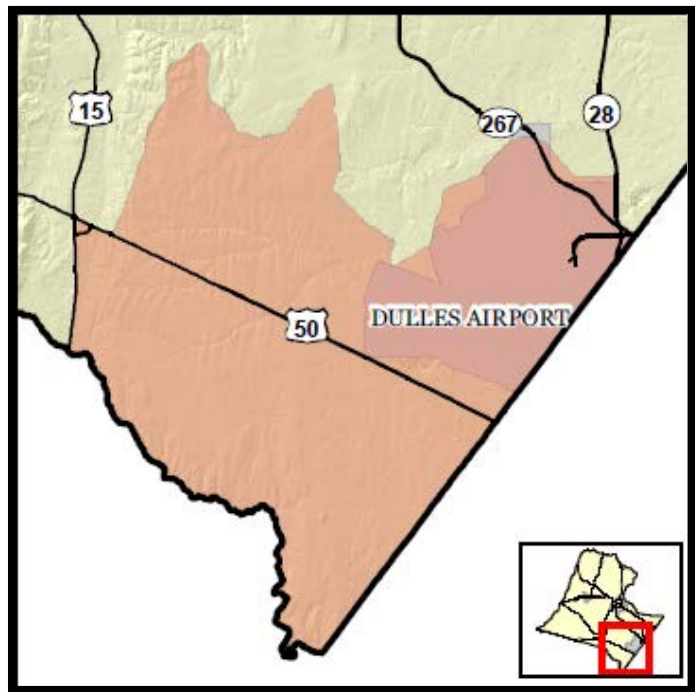
This project provides for the design, right-of-way acquisition and construction of the realignment of Evergreen Mills road at the intersections of Reservoir Road and Watson Road.

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

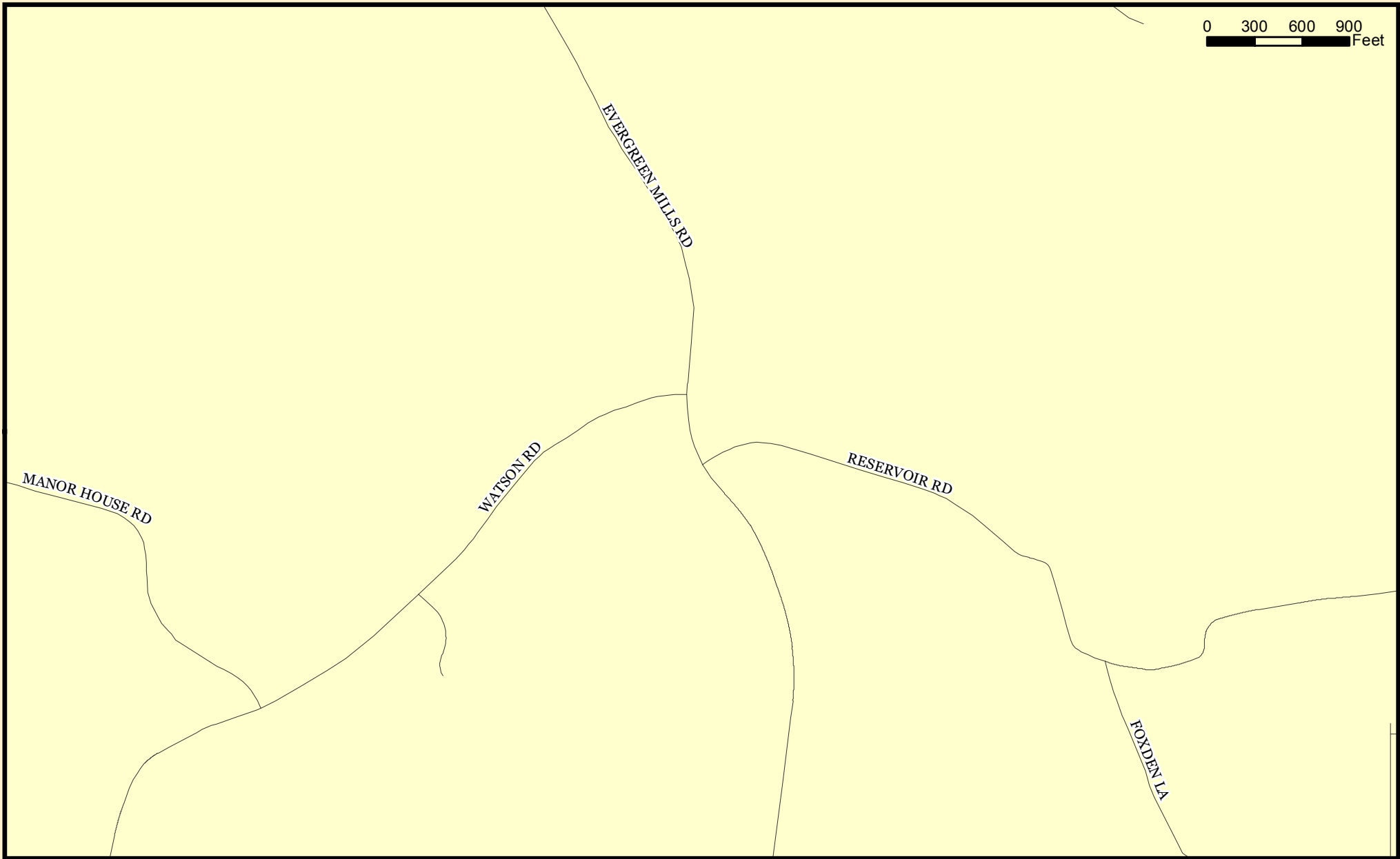
This project is funded using general obligation bonds and will be placed on the November 2020 referendum for voter approval.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	805	805	-	805
Construction	-	-	-	-	-	-	-	-	3,010	3,010
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	805	805	3,010	3,815
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	805	805	3,010	3,815
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	805	805	3,010	3,815



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2017-032

Loudoun County Office of Mapping
and Geographic Information

Farmwell Road – Smith Switch Road to Ashburn Road

Project Description – C02087

This project provides for the design, right-of-way acquisition and widening of Farmwell Road from Smith Switch Road to Ashburn Road. The project will widen the existing road to a six-lane urban major collector.

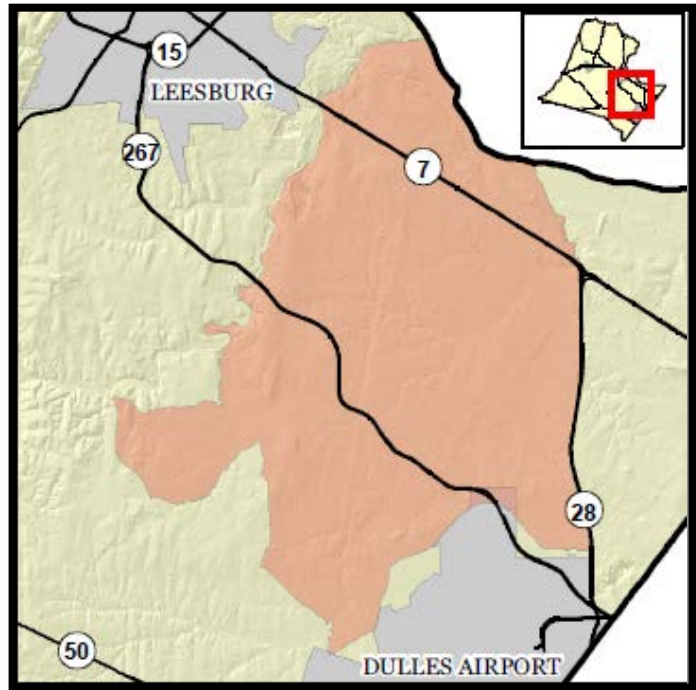
This road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

This road segment is in the design phase. 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. Authorization to sell general obligation bond financing will be placed on the November 2017 referendum for voter approval.

Election District

Ashburn, Broad Run



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	2,670	-	-	-	-	-	-	-	-	2,670
Construction	5,194	-	-	21,300	-	-	-	21,300	-	26,494
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	7,864	-	-	21,300	-	-	-	21,300	-	29,164
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	2,300	-	-	-	2,300	-	2,300
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	12,000	-	-	-	12,000	-	12,000
Proffers (Cash)	864	-	-	-	-	-	-	-	-	864
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	3,500	-	-	3,500	-	-	-	3,500	-	7,000
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	3,500	-	-	3,500	-	-	-	3,500	-	7,000
Total Financing	7,864	-	-	21,300	-	-	-	21,300	-	29,164
Operating Impact (\$ in 1000s)										
Debt Service	-	-	-	-	1,200	1,170	1,140	3,510	-	-
Total Impact	-	-	-	-	1,200	1,170	1,140	3,510	-	-



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2014-059

Loudoun County Office of Mapping
and Geographic Information

George Washington Boulevard Overpass

Project Description – C02053

This project provides for the 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.

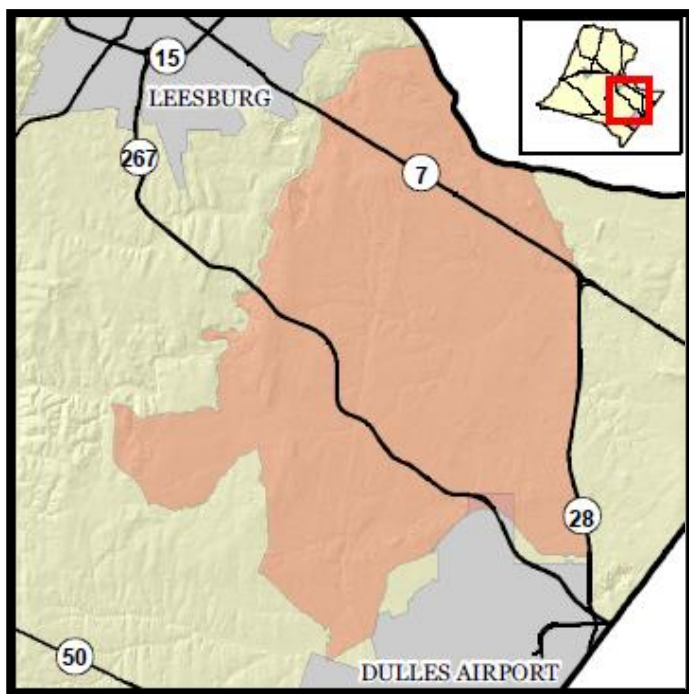
This road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

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 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.

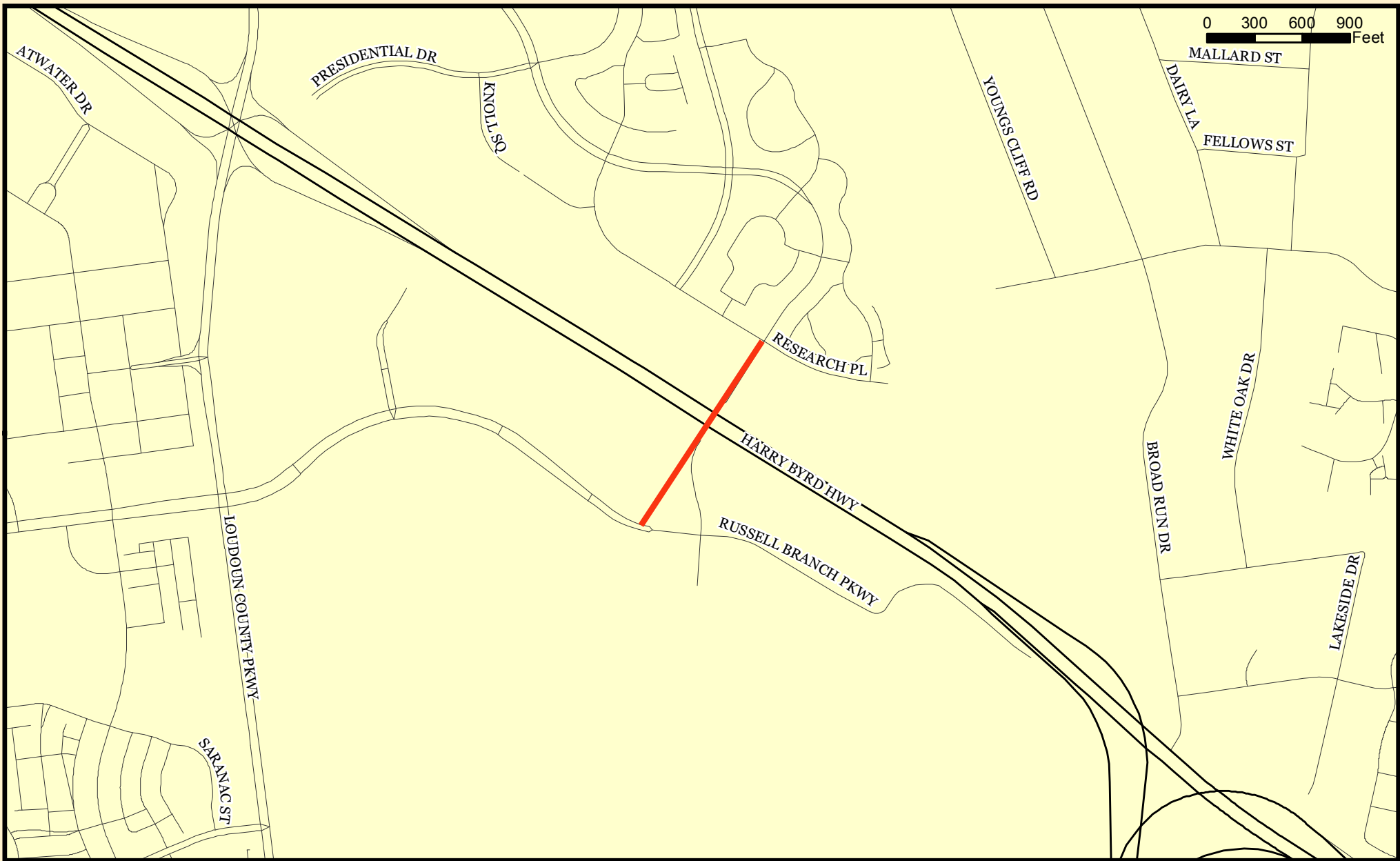
This project is funded using RSTP grant funds. The funding is competitive and is subject to award by NVTA.

Election District

Algonkian, Broad Run



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	1,367	-	-	-	-	-	-	-	-	1,367
Construction	-	4,132	102	3,077	9,669	10,113	3,000	30,093	-	30,093
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	1,367	4,132	102	3,077	9,669	10,113	3,000	30,093	-	31,460
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	1,367	4,132	102	3,077	9,669	10,113	3,000	30,093	-	31,460
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	1,367	4,132	102	3,077	9,669	10,113	3,000	30,093	-	31,460



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2014-057
Loudoun County Office of Mapping
and Geographic Information

Moorefield Boulevard – Mooreview Parkway to Moorefield Station

Project Description

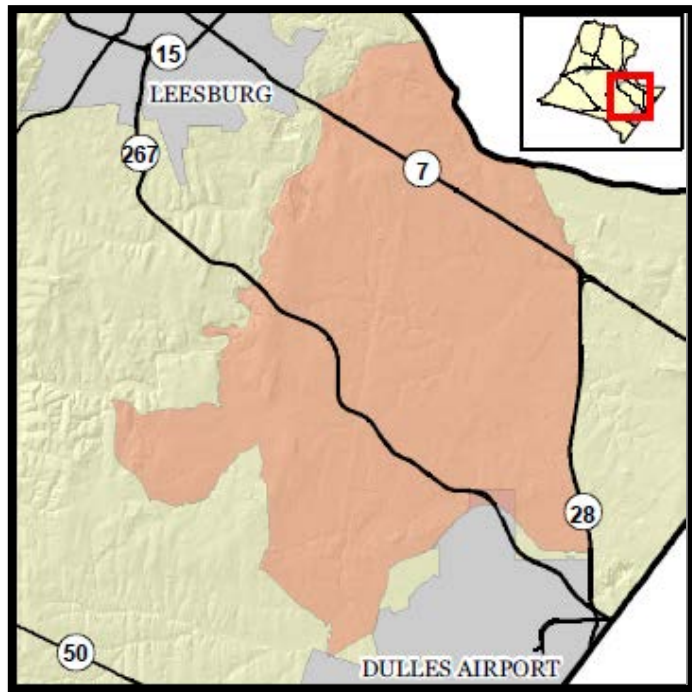
This project provides for the design, right-of-way acquisition and construction of an approximately 600-foot segment of Moorefield Boulevard between Mooreview Parkway (opposite the Dulles Greenway eastbound off ramp at Exit 6) and the Moorefield Station development, following a portion of the existing 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.

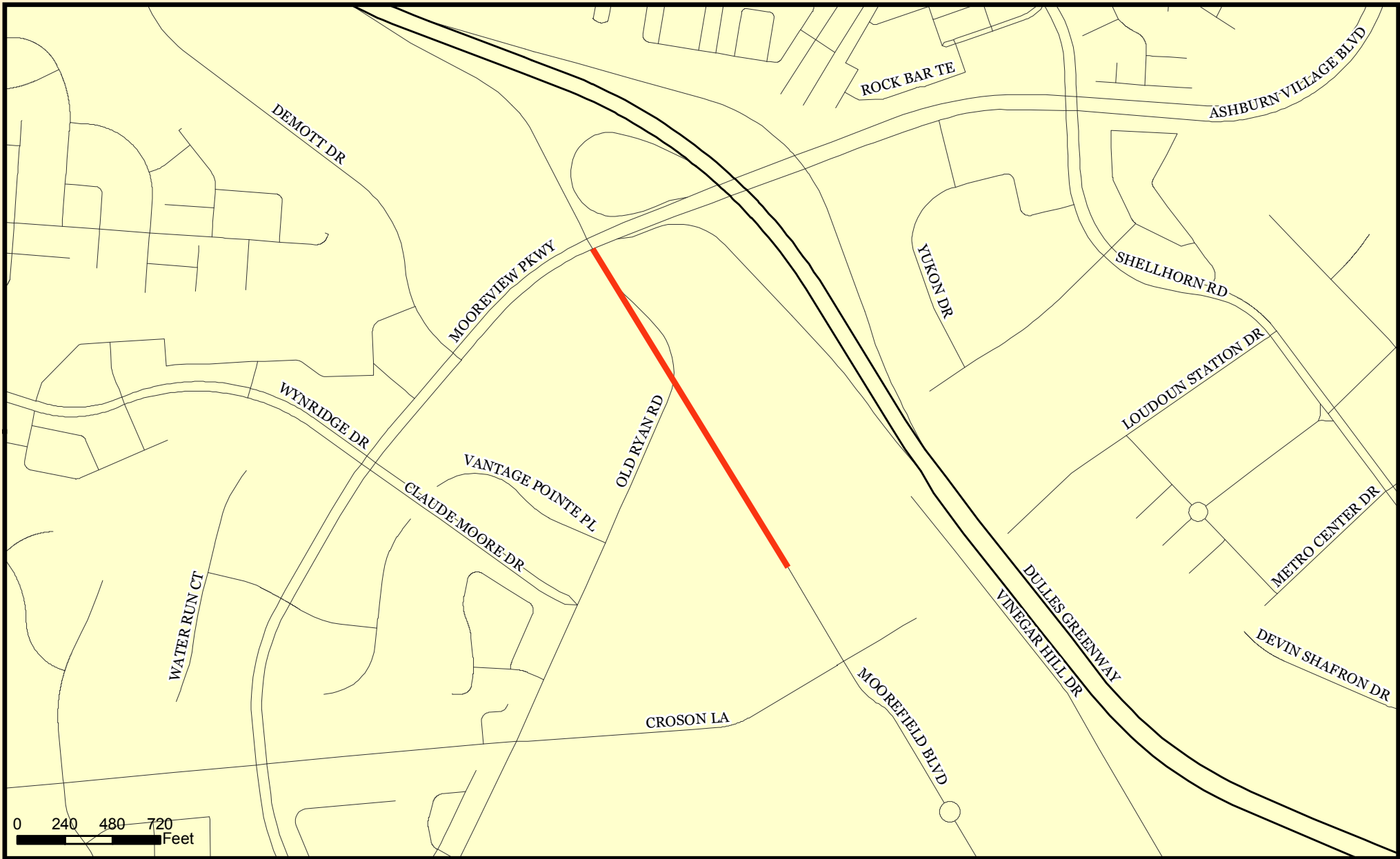
All proposed uses of NVTA 30% local funding on County Road projects are subject to allocation of the funds to the County by NVTA.

Election District

Broad Run



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	4,600	-	-	-	4,600	-	4,600
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	4,600	-	-	-	4,600	-	4,600
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%	-	-	-	4,600	-	-	-	4,600	-	4,600
Total Financing	-	-	-	4,600	-	-	-	4,601	-	4,600



LOUDOUN COUNTY GOVERNMENT

FY 2017 - FY 2022 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.



Map Number 2015-317

Loudoun County Office of Mapping
and Geographic Information

Mooreview Parkway – Croson Lane to Old Ryan Road

Project Description – C00218

This project provides for funding to construct the segment of Mooreview Parkway from Croson Lane south to Old Ryan Road. This segment of Mooreview Parkway is critical for the opening of the Ashburn Metrorail Station in order to get commuters to the Metrorail Station and Commuter Parking areas within the Moorefield Station development, as well as to provide access to Moorefield Station Elementary School and the future Moorefield Station Community Park.

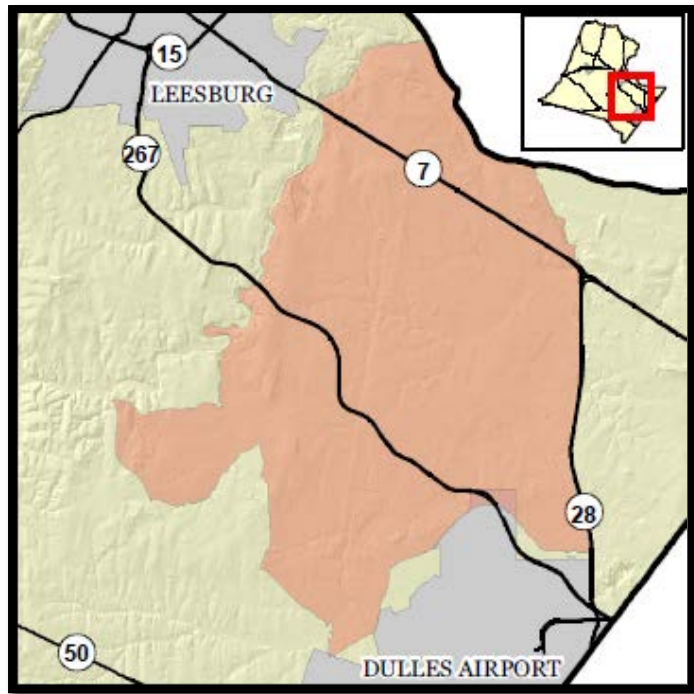
In FY 2016, staff brought forth a CIP amendment for an additional \$1,800,000 in local gasoline tax funding to relocate two natural gas transmission lines. The requested funding in FY 2017 would address the added construction costs due to project delays, inflation, and cost increases within the current project scope.

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



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	8,100	1,579	-	-	-	-	-	1,579	-	9,679
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	8,100	1,579	-	-	-	-	-	1,579	-	9,679
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	1,254	-	-	-	-	-	1,254	-	1,254
Fund Balance	6,300	-	-	-	-	-	-	-	-	6,300
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	1,800	-	-	-	-	-	-	-	-	1,800
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTa 70%	-	-	-	-	-	-	-	-	-	-
NVTa 30%	-	325	-	-	-	-	-	325	-	325
Total Financing	8,100	1,579	-	-	-	-	-	1,579	-	9,679



LOUDOUN COUNTY GOVERNMENT

FY 2017 - FY 2022 Capital Improvement Program Projects

MOOREVIEW PARKWAY

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



Map Number 2015-318

Loudoun County Office of Mapping
and Geographic Information

Northstar Boulevard – Shreveport Drive to Route 50

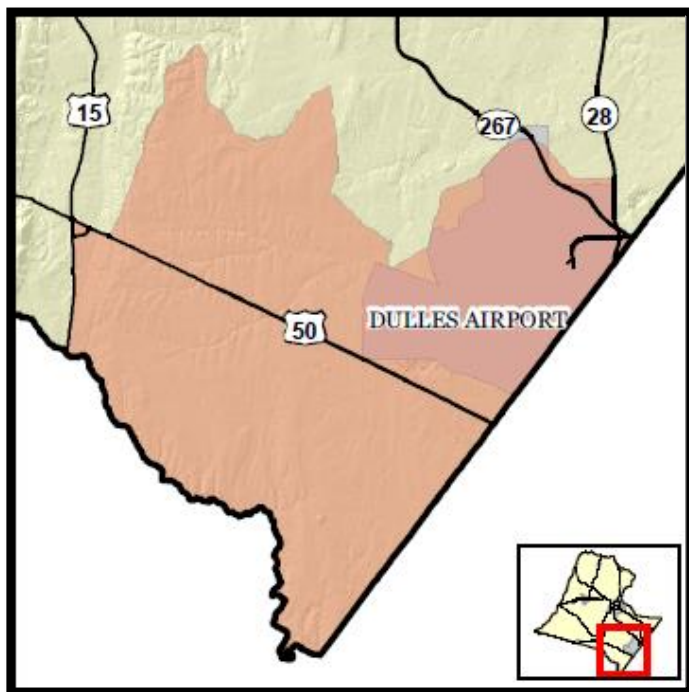
Project Description – C02044

This project provides for the planning, design, right-of-way acquisition and construction of a minor arterial roadway from Shreveport Drive to John Mosby Highway (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.

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. There are no other dedications of right-of-way.

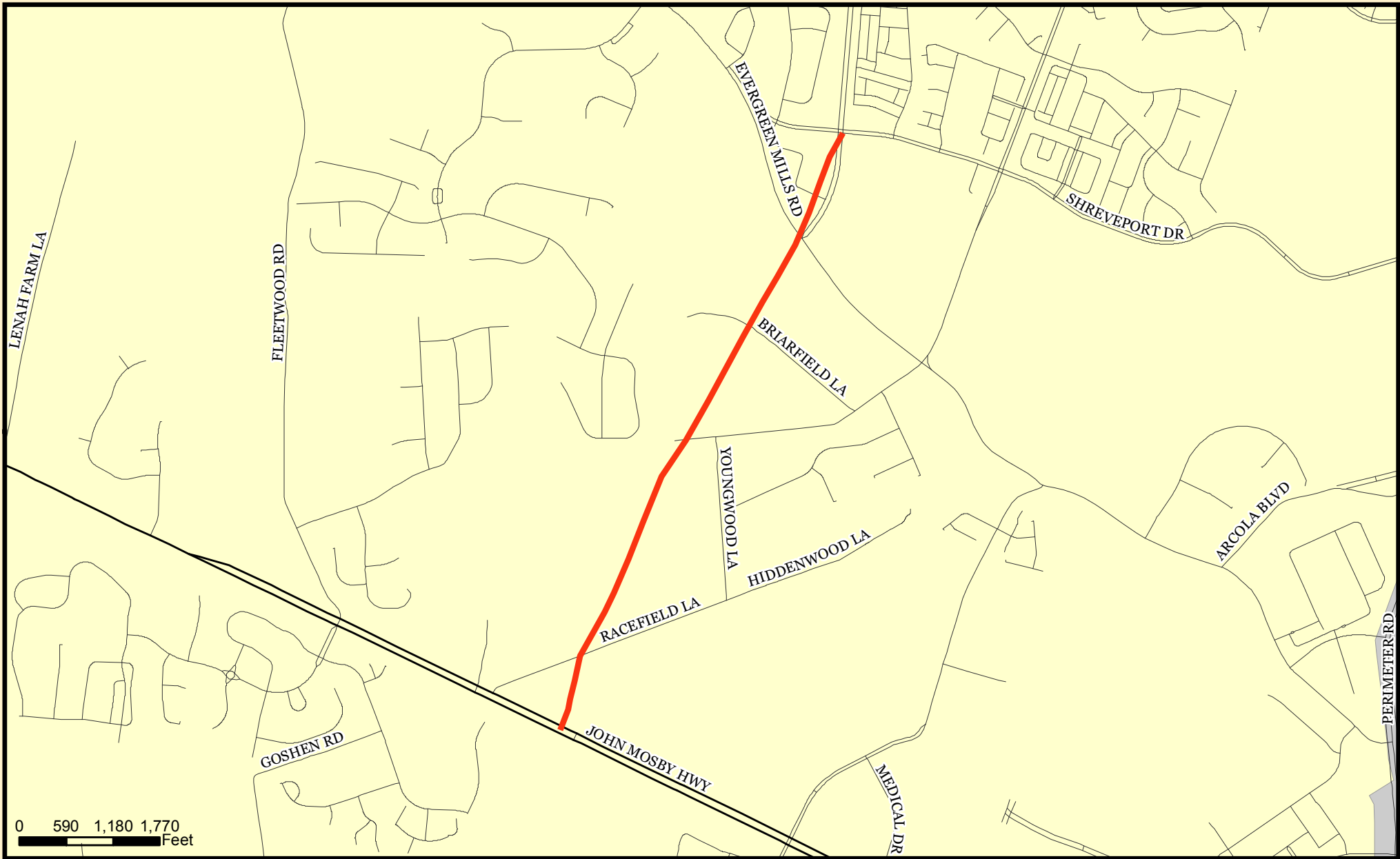
State Revenue Sharing and NVTa 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTa regional funding and State Revenue Sharing funding on County road projects are subject to award of the funding to the County by NVTa and VDOT, respectively. All proposed uses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



Election District

Blue Ridge

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	6,259	-	-	-	-	-	-	-	-	6,259
Professional Services	5,200	-	-	-	-	-	-	-	-	5,200
Construction	-	10,000	12,481	26,040	-	-	-	48,521	-	48,521
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	11,459	10,000	12,481	26,040	-	-	-	48,521	-	59,980
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	3,300	-	-	3,600	-	-	-	3,600	-	6,900
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	3,200	5,000	1,400	1,500	-	-	-	7,900	-	11,100
NVTa 70%	204	-	11,081	20,940	-	-	-	32,021	-	32,225
NVTa 30%	4,755	5,000	-	-	-	-	-	5,000	-	9,755
Total Financing	11,459	10,000	12,481	26,040	-	-	-	48,521	-	59,980



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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. The project entails the construction of a controlled-access, four-lane divided roadway within a 120-foot right-of-way.

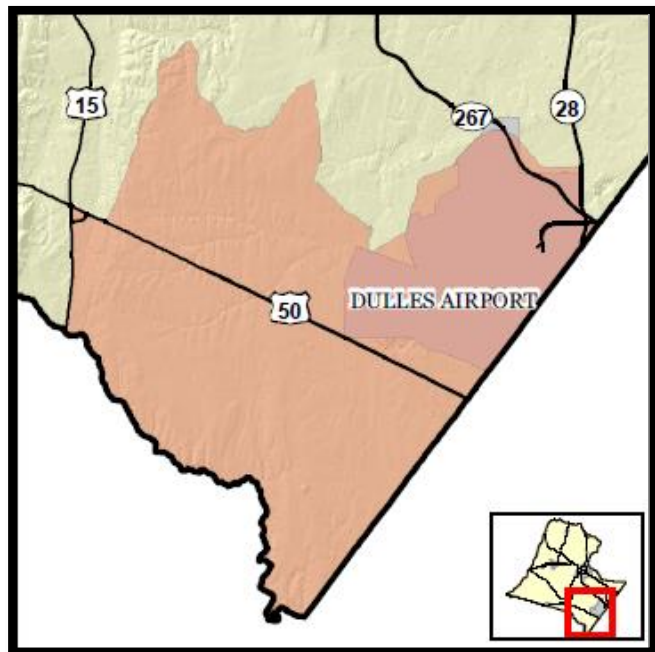
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

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



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	5,432	-	-	-	-	-	-	-	-	5,432
Construction	-	-	20,560	10,000	-	-	-	30,560	-	30,560
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	5,432	-	20,560	10,000	-	-	-	30,560	-	35,992
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%	-	-	20,560	-	-	-	-	20,560	-	20,560
NVTA 30%	2,350	-	-	5,000	-	-	-	5,000	-	7,350
Total Financing	5,432	-	20,560	10,000	-	-	-	30,560	-	35,992



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2014-063
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 from Tall Cedars Parkway to Braddock Road. Two lanes of this proposed four-lane road have been previously constructed.

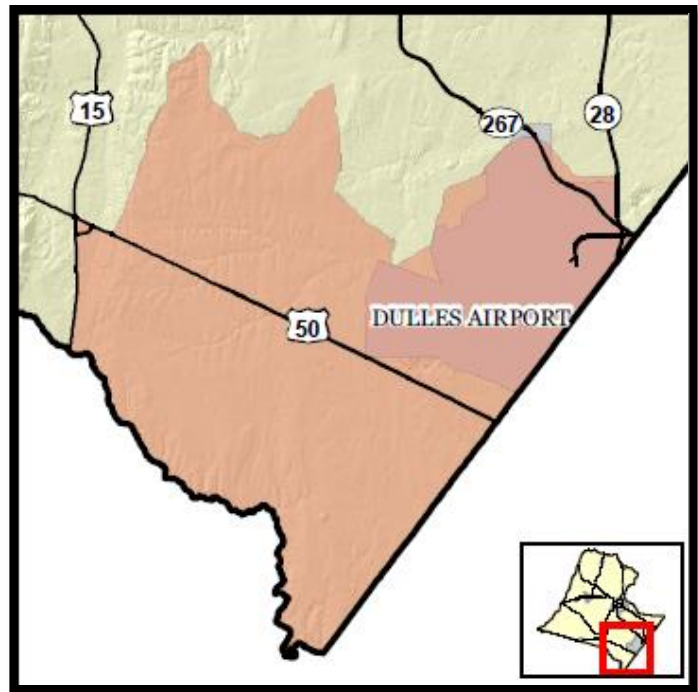
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

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.

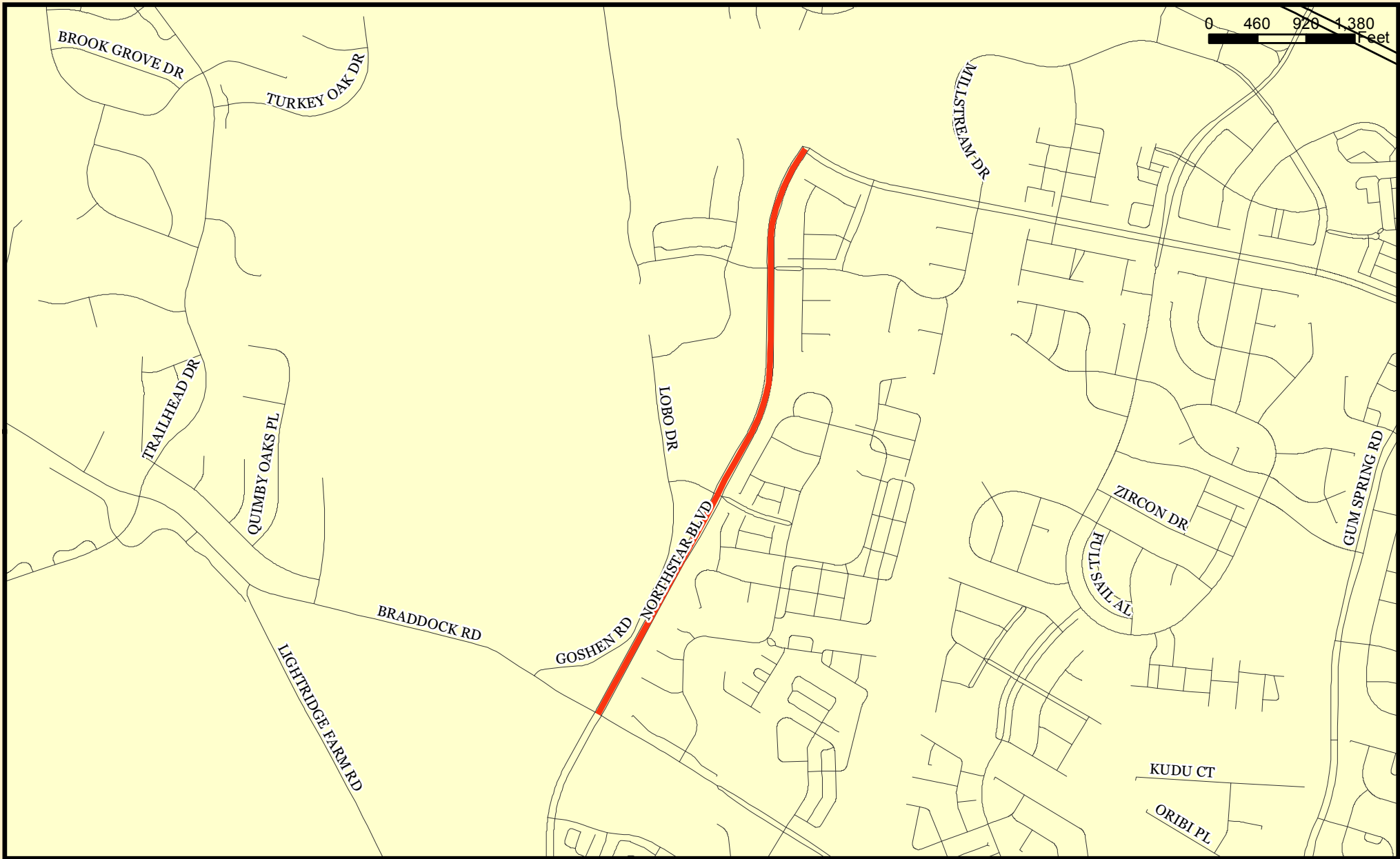
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. This project is also funded using general obligation bonds that will be scheduled for placement on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

Election District

Dulles



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	2,693	2,693	-	2,693
Construction	-	-	-	-	-	-	-	-	19,500	19,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	2,693	2,693	19,500	22,193
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%	-	-	-	-	-	-	-	-	19,500	19,500
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	2,693	2,693	19,500	22,193



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2014-064

Loudoun County Office of Mapping
and Geographic Information

Prentice Drive/Lockridge Road West

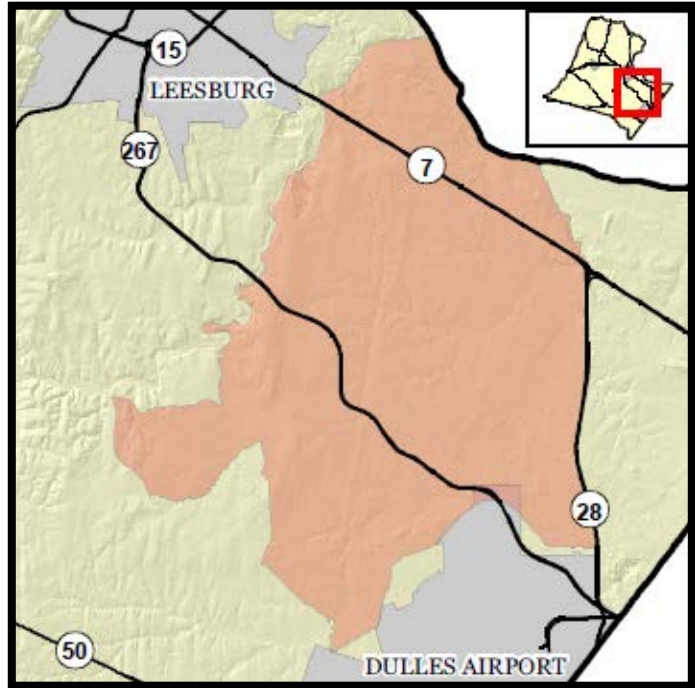
Project Description – C02124

This project provides for the design, right-of-way acquisition and construction of Prentice Drive from Lockridge Road (Route 789) to Shellhorn Road at its intersection with Metro Center Drive and Lockridge Road West between Waxpool Road and Prentice Drive.

The project was recommended as an essential road to provide connectivity to the planned Ashburn Metrorail Station. Both roadways will be designed as a four-lane urban major collectors, with associated turn lanes and bicycle/pedestrian facilities as appropriate. 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.

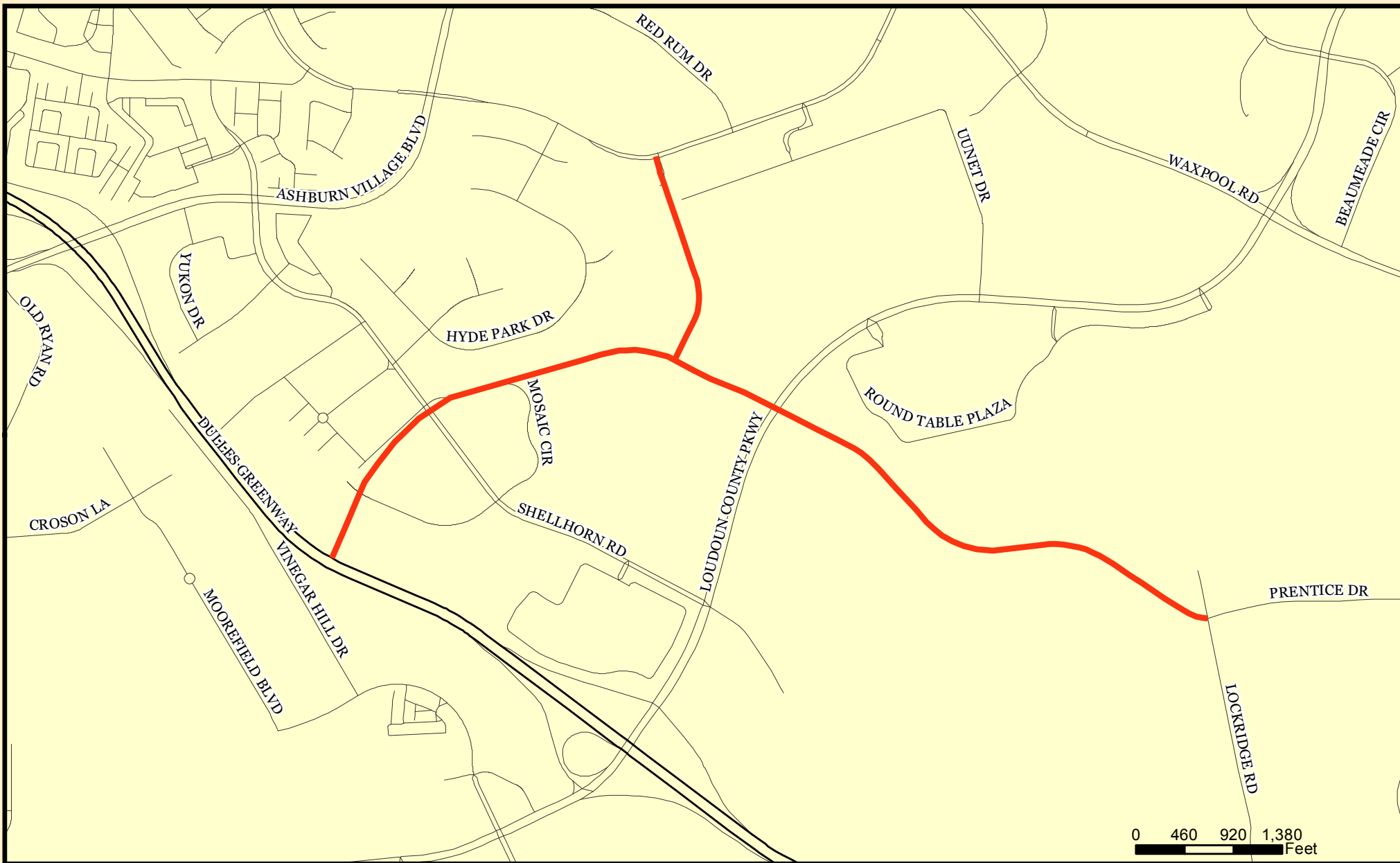
State Revenue Sharing and NVTAs 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTAs regional funding and State Revenue Sharing funding on County road projects are subject to award of the funding to the County by NVTAs and VDOT, respectively. All proposed uses of NVTAs 30% local funding on County Road projects are subject to allocation of the funds to the County by NVTAs. This project is also funded using general obligation bonds that will be scheduled for placement on the November 2018 referendum.



Election District

Broad Run

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	9,000	-	-	32,000	48,650	-	89,650	-	89,650
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	9,000	-	-	32,000	48,650	-	89,650	-	89,650
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	3,400	-	3,400	-	3,400
Fund Balance	-	9,000	-	-	-	-	-	9,000	-	9,000
General Obligation Bonds	-	-	-	-	12,000	-	-	12,000	-	12,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTAs 70%	-	-	-	-	20,000	43,480	-	63,480	-	63,480
NVTAs 30%	-	-	-	-	-	1,770	-	1,770	-	1,770
Total Financing	-	9,000	-	-	32,000	48,650	-	89,650	-	89,650
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	1,200	1,170	2,370		
Total Impact		-	-	-	-	1,200	1,170	2,370		



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

PRENTICE RD

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



Map Number 2016-080
Loudoun County Office of Mapping
and Geographic Information

Route 7/Battlefield Parkway Interchange

Project Description – C02045

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. The project will remove the existing traffic signal and provide for improved traffic flow along Route 7. The project will further efforts to convert Route 7 between East Market Street and Algonkian Parkway to a limited-access highway. The project is administered by the Town of Leesburg.

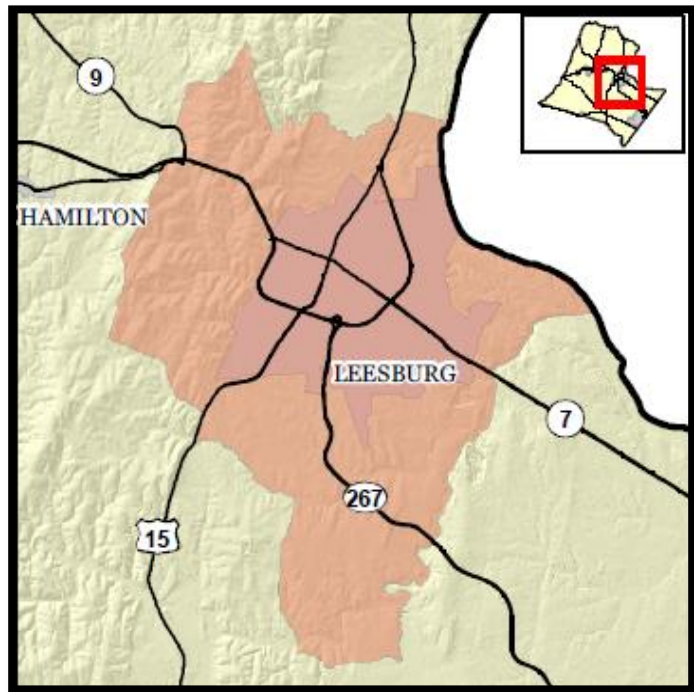
This is a planned roadway included in the 2010 Countywide Transportation Plan. Prior year funding provides for an Interchange Justification Report and completes preliminary engineering design and right-of-way plat preparation.

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

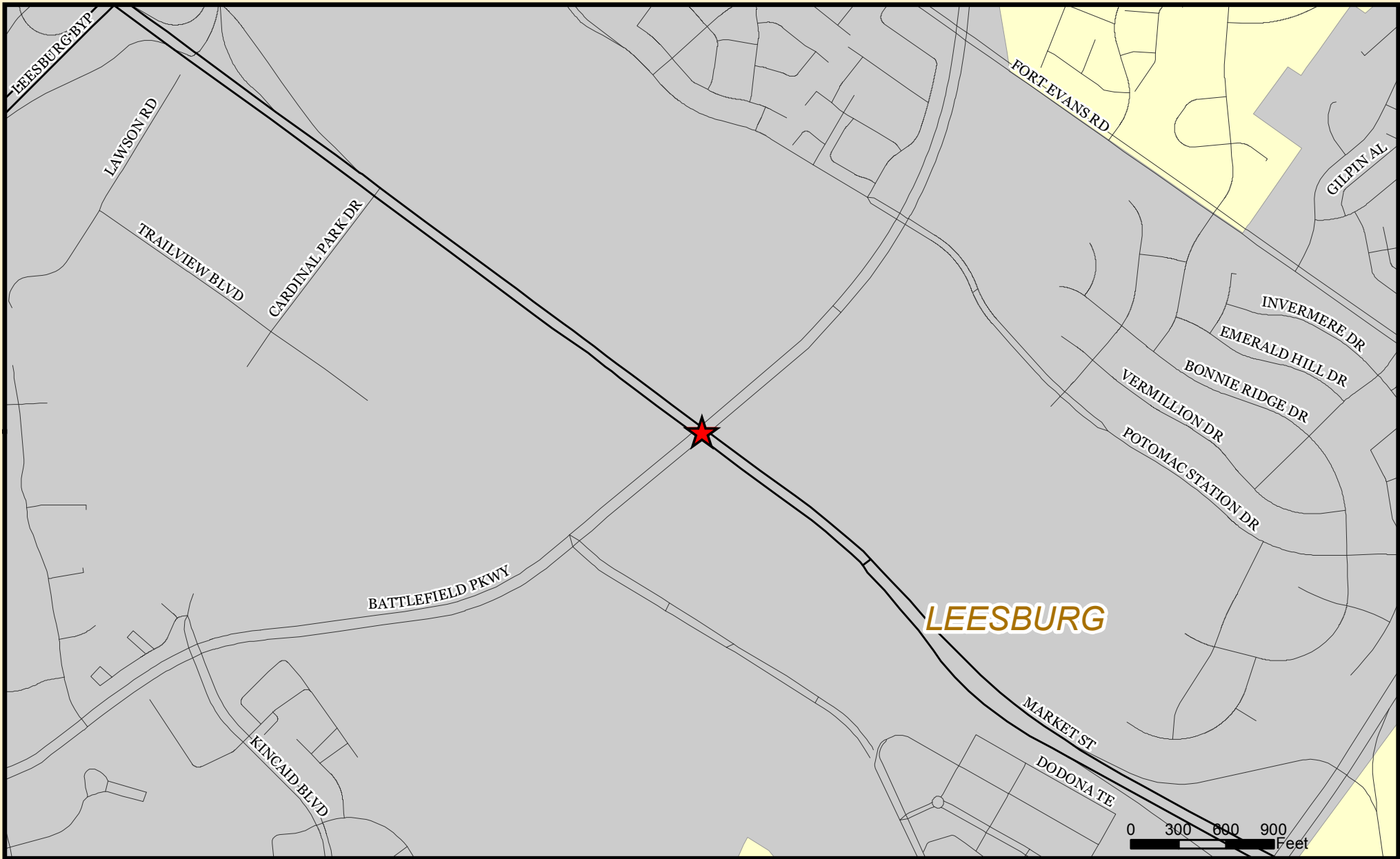
NVTA regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.

Election District

Leesburg



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	13,000	-	-	-	-	-	-	-	-	13,000
Construction	-	20,000	25,000	-	-	-	-	45,000	-	45,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	13,000	20,000	25,000	-	-	-	-	45,000	-	58,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	13,000	20,000	25,000	-	-	-	-	45,000	-	58,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	13,000	20,000	25,000	-	-	-	-	45,000	-	58,000



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 Capital Improvement Program Projects
ROUTE 7 AND BATTLEFIELD PKWY INTERCHANGE

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



Map Number 2014-046
Loudoun County Office of Mapping
and Geographic Information

Route 7/Route 287 Interchange

Project Description

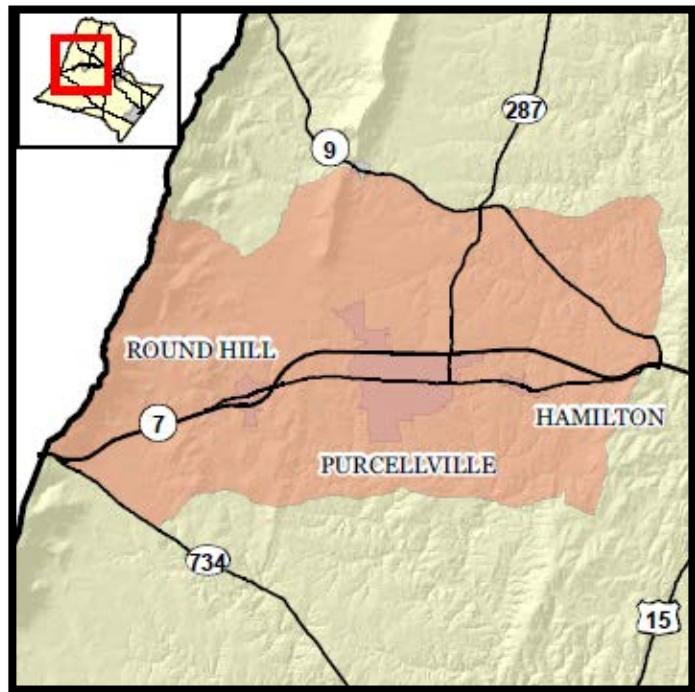
This project provides for the design, preliminary engineering and construction of improvements for the Route 7 / Route 287 Interchange.

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

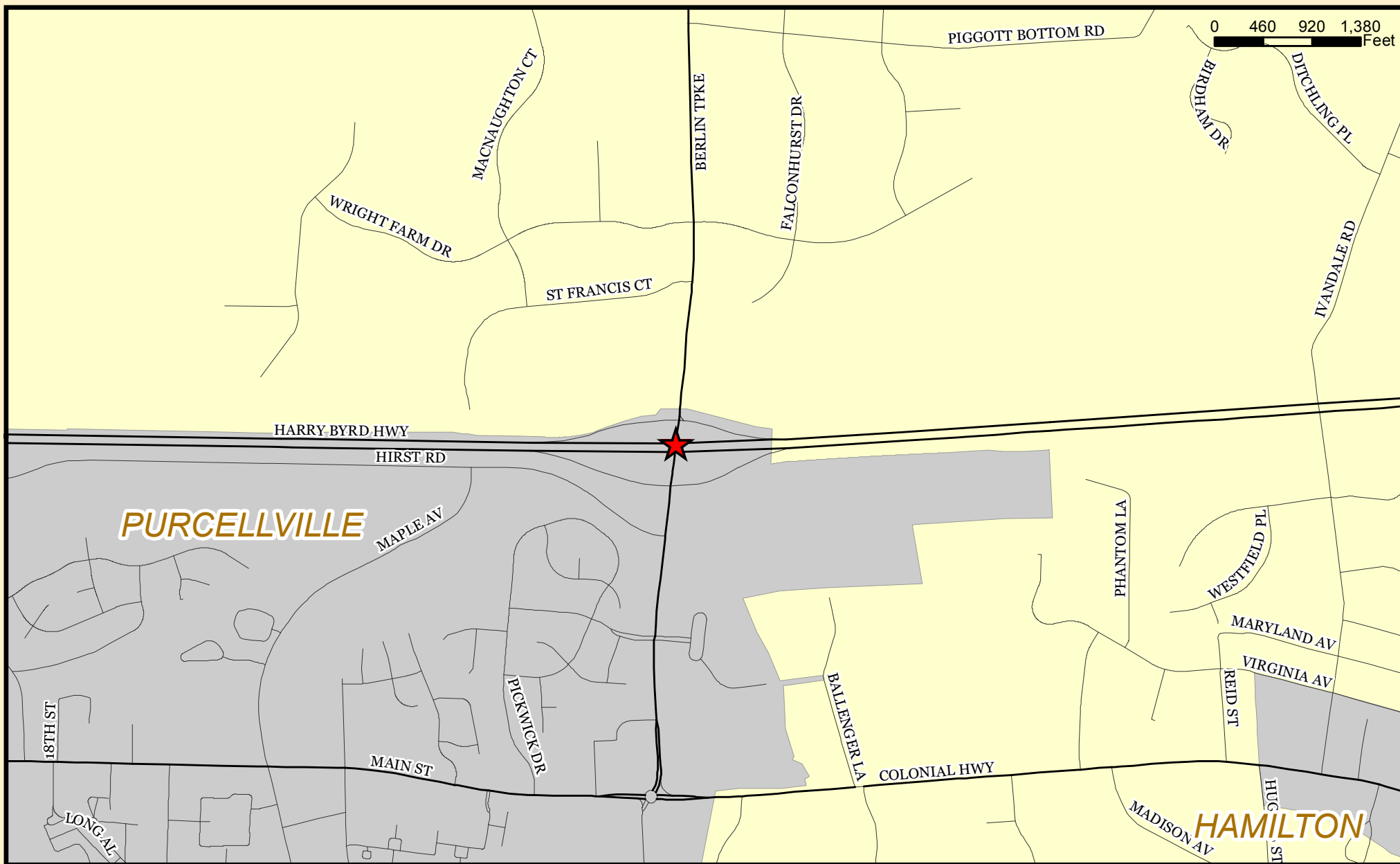
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. All proposed uses of NVTA 30% local funding on County Road projects are subject to allocation of the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



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	2,200	-	2,200	-	2,200
Construction	-	-	-	-	-	-	8,800	8,800	-	8,800
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	2,200	8,800	11,000	-	11,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	1,345	-	1,345	-	1,345
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	8,800	8,800	-	8,800
NVTA 30%	-	-	-	-	-	855	-	855	-	855
Total Financing	-	-	-	-	-	2,200	8,800	11,000	-	11,000
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	132	132		
Total Impact		-	-	-	-	-	132	132		



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements 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 2016-078
Loudoun County Office of Mapping
and Geographic Information

Route 7/Route 690 Interchange

Project Description – C00196

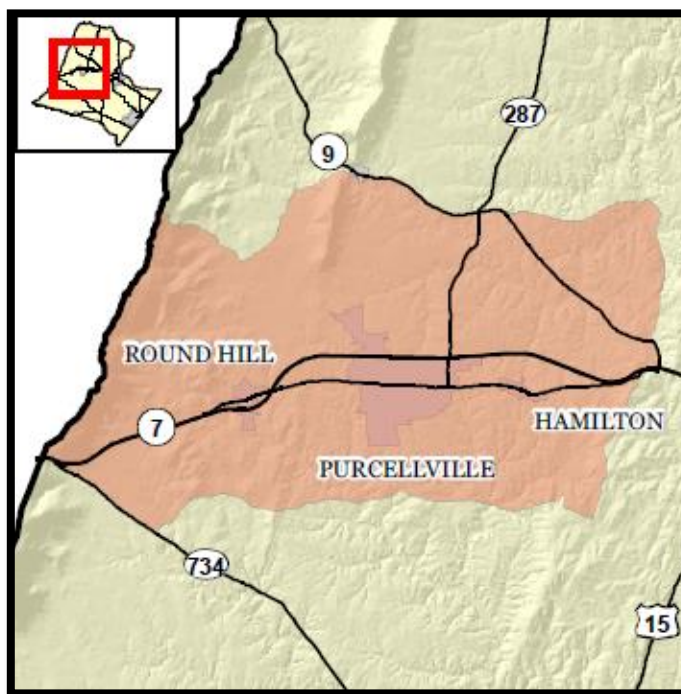
This project provides for the preliminary design (30%), surveys, environmental and geotechnical due diligence, Interchange Justification Report (IJR) and construction of an interchange at Route 7 and Route 690 just west of the Town of Purcellville. The reports and design will be coordinated with VDOT, the Federal Highway Administration (FHWA), the Town of Purcellville and local residents. FHWA involvement is required since 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.

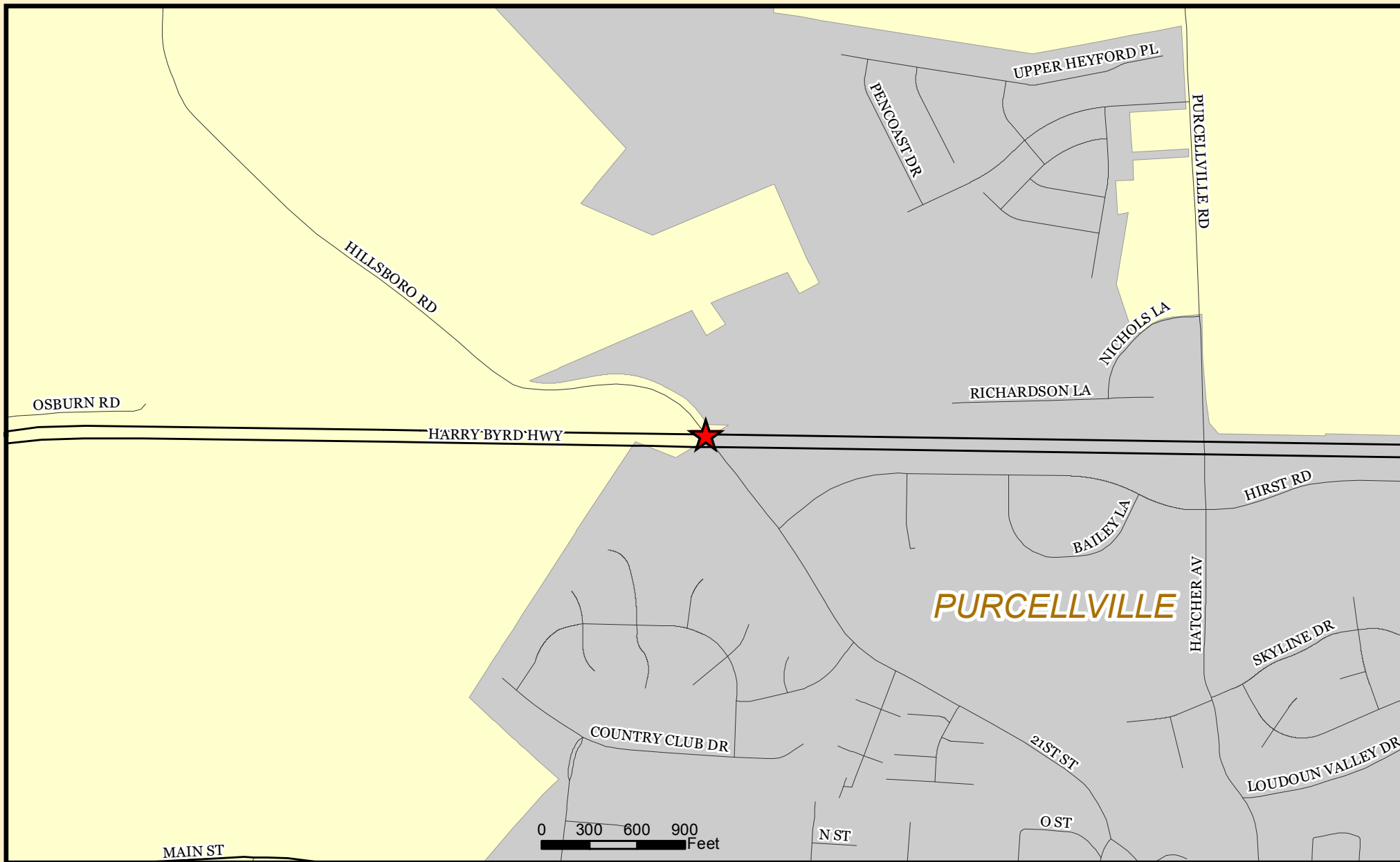
State Revenue Sharing funds are applied for and awarded on a competitive basis. All proposed uses of State Revenue Sharing funding on County road projects are subject to award of the funding by VDOT. All proposed uses of NVT 30% local funding on County Road projects are subject to allocation of the funds to the County by NVT. The general obligation bonds were approved on the November 2016 referendum.

Election District

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	2,000	6,855	-	-	-	8,855	-	8,855
Professional Services	1,500	4,000	-	-	-	-	-	4,000	-	5,500
Construction	-	-	-	950	10,770	10,365	-	22,085	-	22,085
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	1,500	4,000	2,000	7,805	10,770	10,365	-	34,940	-	36,440
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	5,000	5,770	5,000	-	15,770	-	15,770
Fund Balance	1,500	-	-	-	-	-	-	-	-	1,500
General Obligation Bonds	-	4,000	2,000	2,000	-	-	-	8,000	-	8,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	5,000	5,000	-	10,000	-	10,000
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	805	-	365	-	1,170	-	1,170
Total Financing	1,500	4,000	2,000	7,805	10,770	10,365	-	34,940	-	36,440
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	200	395	385	375	1,355		
Total Impact		-	-	200	395	385	375	1,355		



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2014-066
Loudoun County Office of Mapping
and Geographic Information

Route 9/Route 287 Roundabout

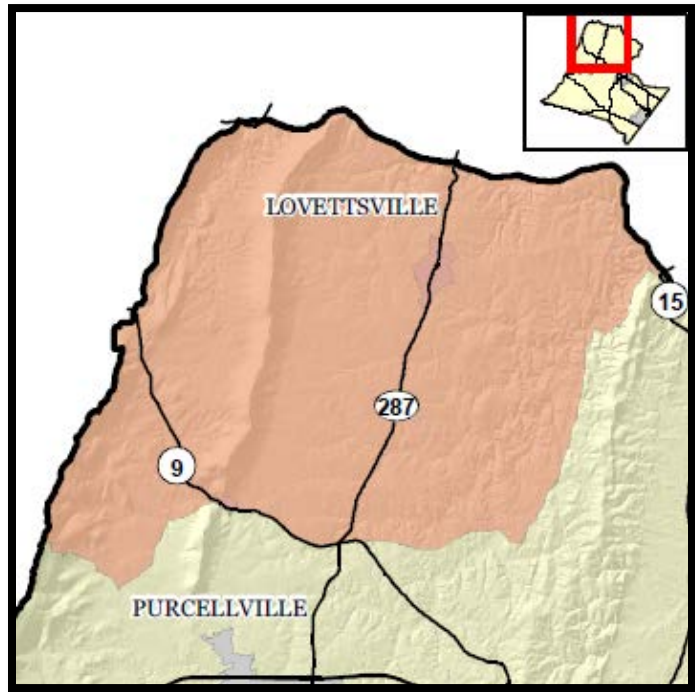
Project Description – C02095

This project provides for the design, right-of-way acquisition and construction of intersection improvements on Route 9 at Route 287. Traffic movements and accident history at the intersection will be evaluated and appropriate improvements recommended as part of this project. Based on current information available, it is envisioned that a roundabout intersection will be recommended for this location. County staff is coordinating with VDOT to plan for improvements to this intersection.

The intersection is currently signalized and experiences significant congestion. The right-of-way is narrow and significant environmentally sensitive areas are in the project vicinity. 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.

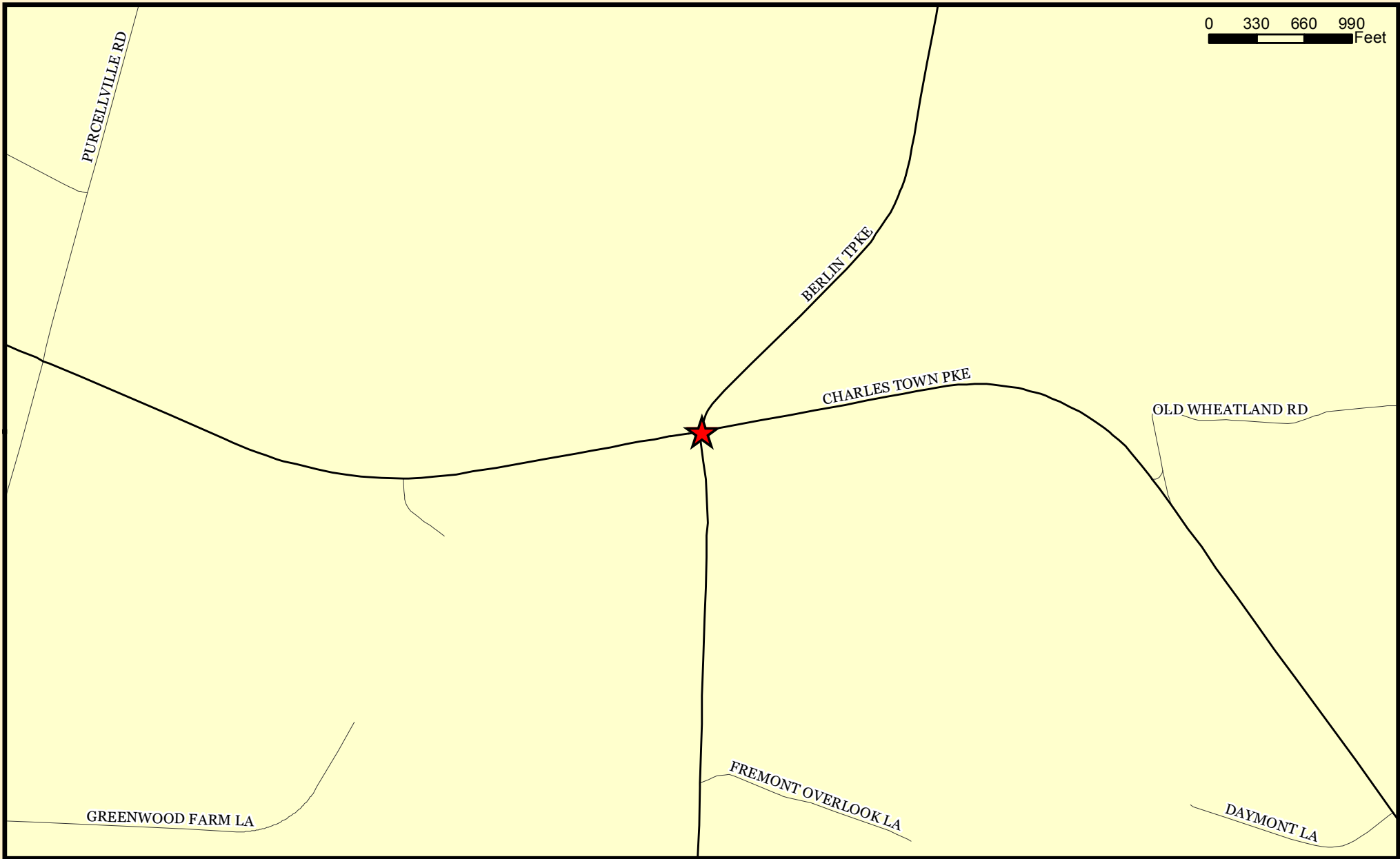
All proposed uses of State Revenue Sharing funding on County road projects are subject to award of the funding to the County by VDOT. All proposed uses of NVTA 30% local funding on County Road projects are subject to allocation of the funds to the County by NVTA. This project is also funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.



Election District

Blue Ridge, Catoctin

Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	955	-	-	955	-	955
Professional Services	1,228	-	-	-	-	-	-	-	-	1,228
Construction	-	-	-	-	12,300	-	-	12,300	-	12,300
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
	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
Total Financing	1,228	-	-	-	13,255	-	-	13,255	-	14,483
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	189	189		
Total Impact		-	-	-	-	-	189	189		



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2014-060
Loudoun County Office of Mapping
and Geographic Information

Route 15 Bypass/Battlefield Parkway Interchange

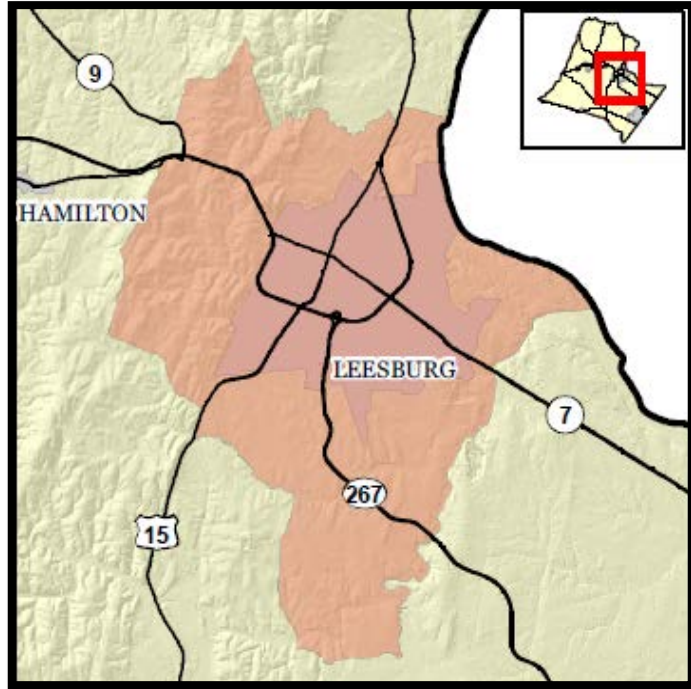
Project Description – C02160

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

The intersection of the Route 15 Bypass at Battlefield Parkway is frequently congested in the afternoon peak traffic period. The Town of Leesburg hired a traffic engineering firm to investigate the current traffic conditions and determine the cause of the congestion, and recommend improvements to solve this problem. Town and County staff continue to meet to discuss alternatives for short-term and long-term improvements.

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

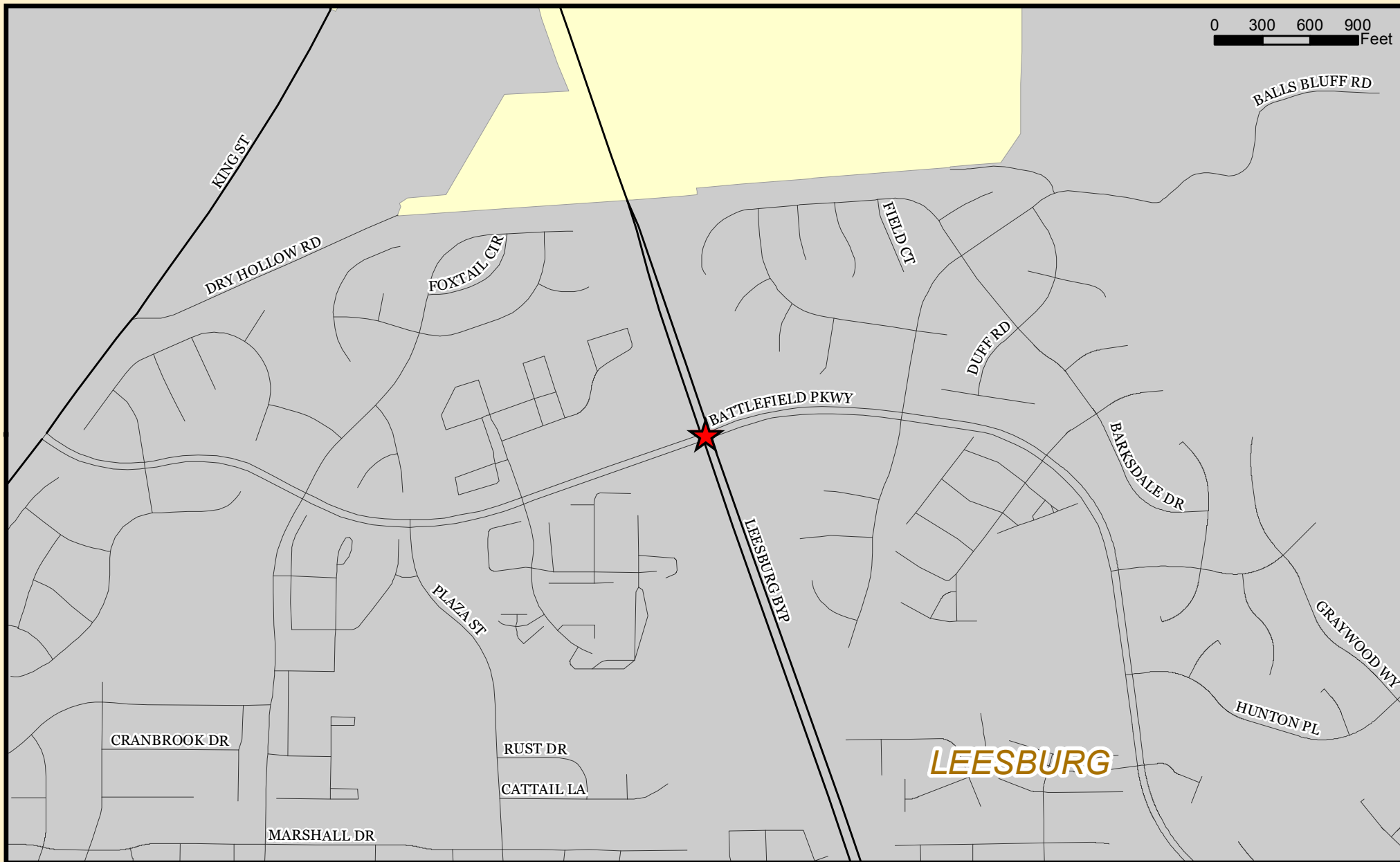
NVTA regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.



Election District

Leesburg

Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
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	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	2,000	-	-	-	-	2,000	-	2,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	2,000	-	-	-	-	2,000	-	2,000



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 Capital Improvement Program Projects
ROUTE 15 BYPASS AND BATTLEFIELD PKWY INTERCHANGE

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



Map Number 2015-013
Loudoun County Office of Mapping
and Geographic Information

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 in the Town of Leesburg. The Town identified its interchange priorities to include this project, Route 15 at Battlefield, and Route 7 at Battlefield Parkway.

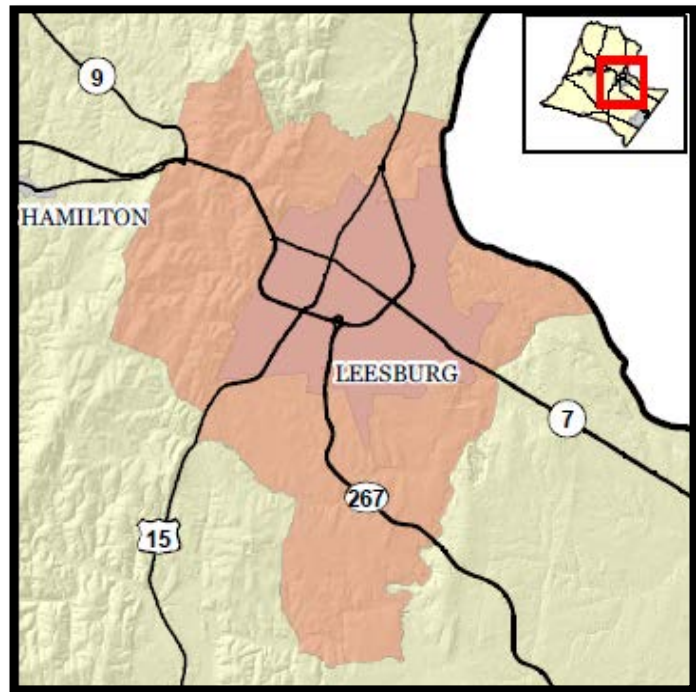
The intersection of the Route 15 Bypass at Edwards Ferry Road is frequently congested in the afternoon peak traffic period.

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.

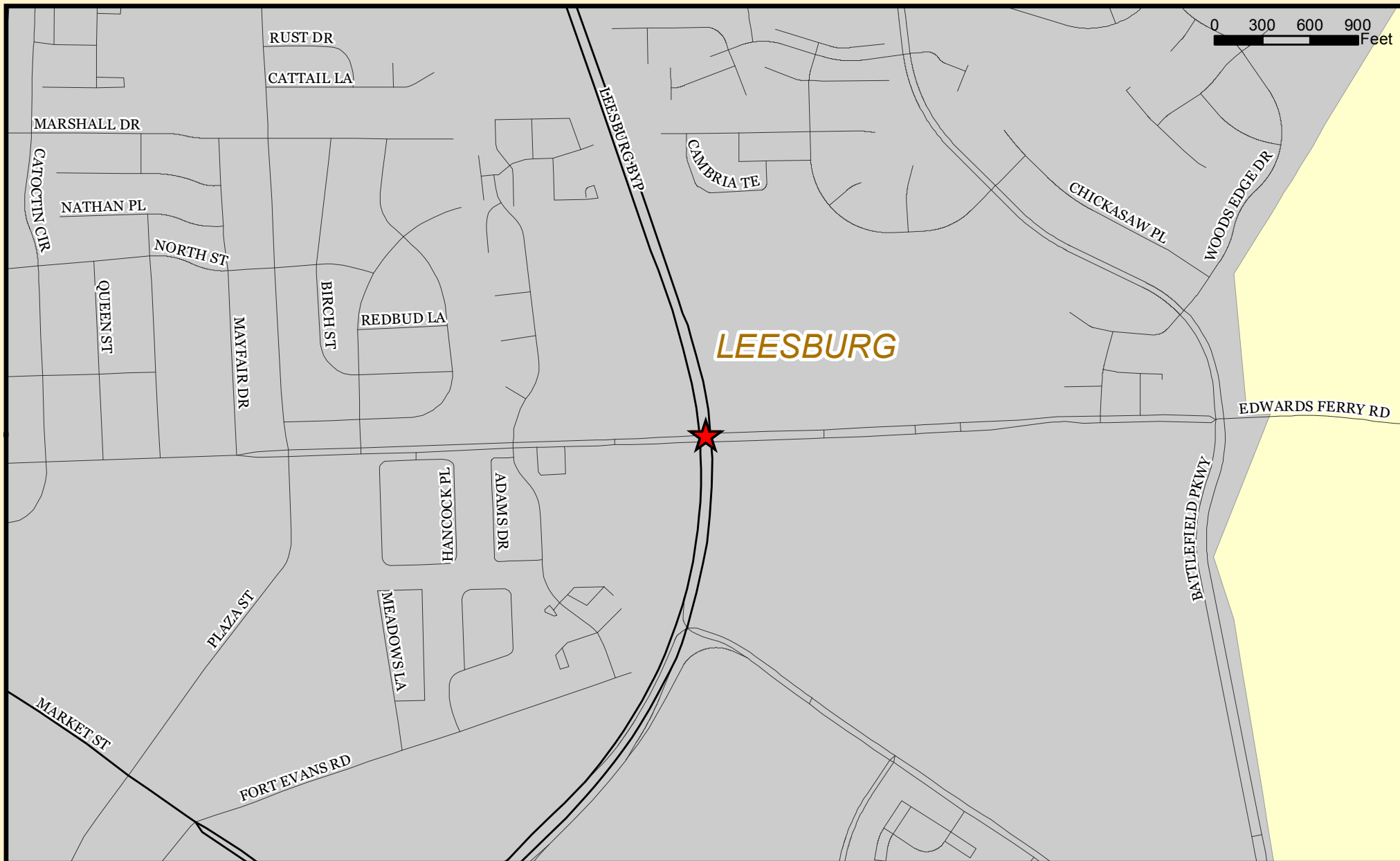
NVTA regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County or Town by NVTA.

Election District

Leesburg



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	2,000	-	-	-	-	-	-	-	-	2,000
Construction	-	-	-	-	-	1,200	1,500	2,700	-	2,700
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	2,000	-	-	-	-	1,200	1,500	2,700	-	4,700
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	1,200	1,500	2,700	-	2,700
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	2,000	-	-	-	-	-	-	-	-	2,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	2,000	-	-	-	-	1,200	1,500	2,700	-	4,700



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2015-012

Loudoun County Office of Mapping and Geographic Information

Route 15 Bypass to White's Ferry Road

Project Description

This project provides funding for preliminary engineering, right-of-way acquisition and construction for the widening of Route 15 from two to four lanes from the Town of Leesburg to White's Ferry Road.

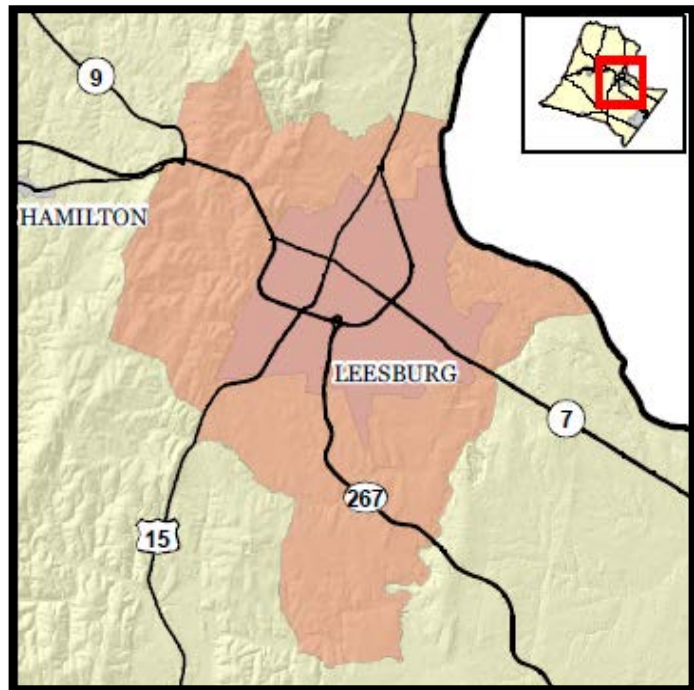
This section of Route 15 is frequently congested during the morning and afternoon peak traffic periods.

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

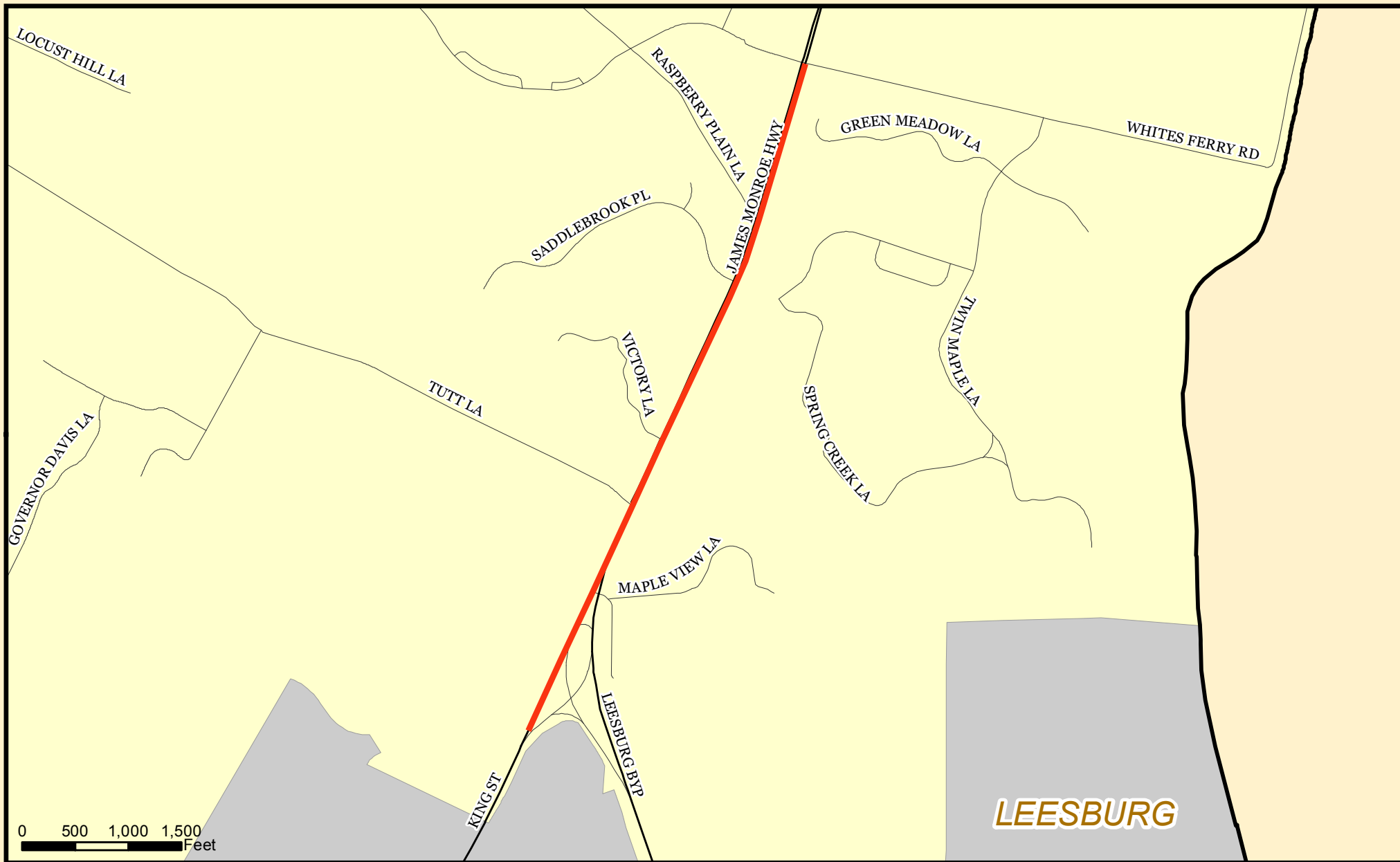
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.

Election District

Catoctin, Leesburg



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	6,050	6,050
Professional Services	-	-	-	-	-	-	-	-	7,110	7,110
Construction	-	-	-	-	-	-	-	-	72,590	72,590
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	85,750	85,750
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	55	55
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	28,575	28,575
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	57,120	57,120
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	85,750	85,750



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects

ROUTE 15 (LEESBURG TO WHITES FERRY RD)

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



Map Number 2016-350

Loudoun County Office of Mapping and Geographic Information

Route 50/Everfield Drive Roundabout

Project Description

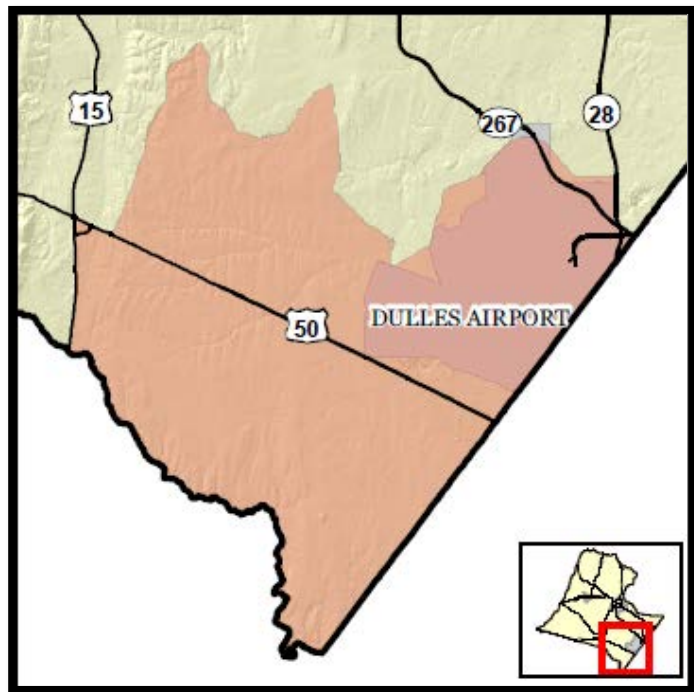
This project provides for the planning, design, right-of-way acquisition and construction of a roundabout at the intersection of Route 50 and Everfield Drive.

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

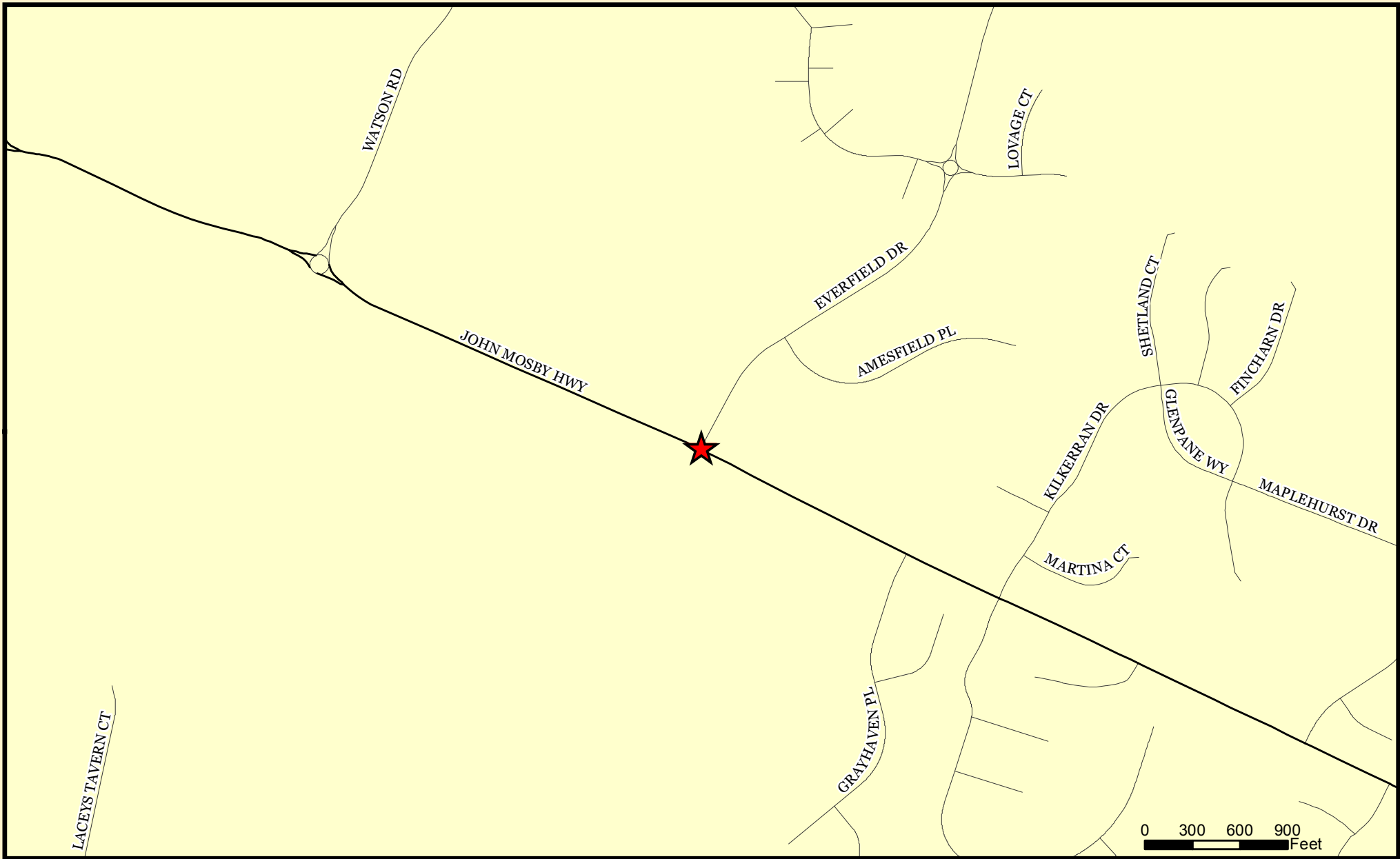
NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA. This project is also funded using general obligation bonds that will be scheduled for placement on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

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	1,290	1,290
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	1,215	1,215	5,470	6,685
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,215	1,215	6,760	7,975
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,215	1,215	1,290	2,505
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	5,470	5,470
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	1,215	1,215	6,760	7,975



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 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 2016-351
Loudoun County Office of Mapping
and Geographic Information

Route 50/Route 606 Interchange

Project Description

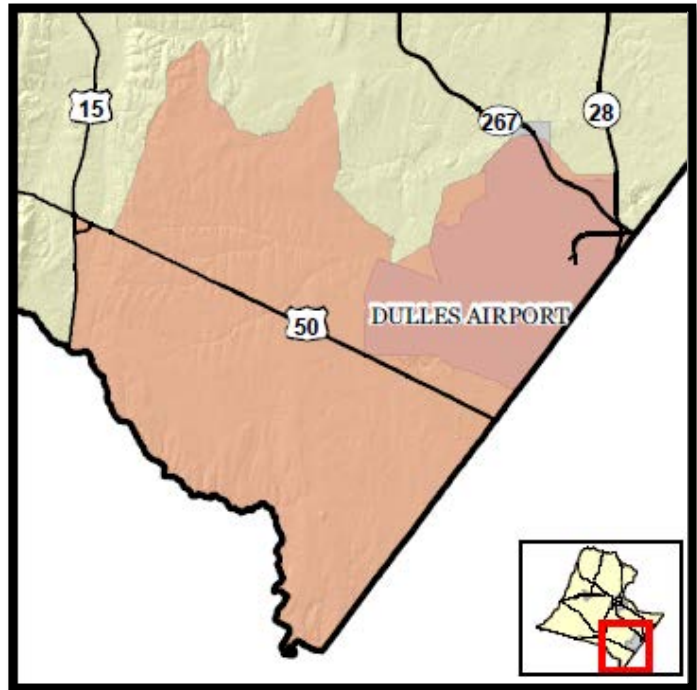
This project provides for the planning, design, right-of-way acquisition and construction of an interchange at the intersection of Route 50 and Loudoun County Parkway (Route 606).

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

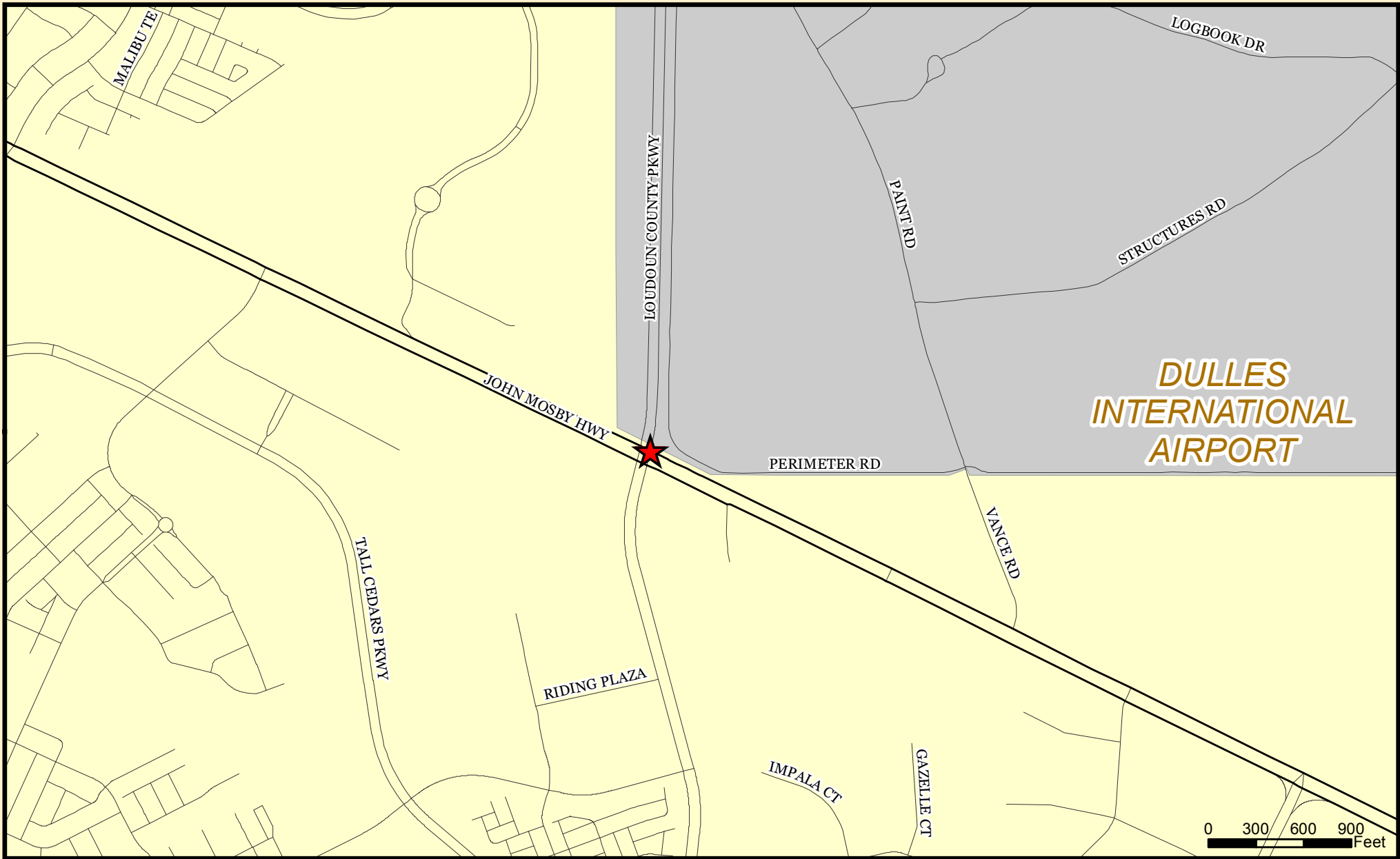
This project is to be funded in a future fiscal year.

Election District

Blue Ridge, Dulles



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	500,000	500,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	500,000	500,000
 To Be Determined	-	-	-	-	-	-	-	-	500,000	500,000
Total Financing	-	-	-	-	-	-	-	-	500,000	500,000



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 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 2016-352
Loudoun County Office of Mapping
and Geographic Information

Route 606 Widening

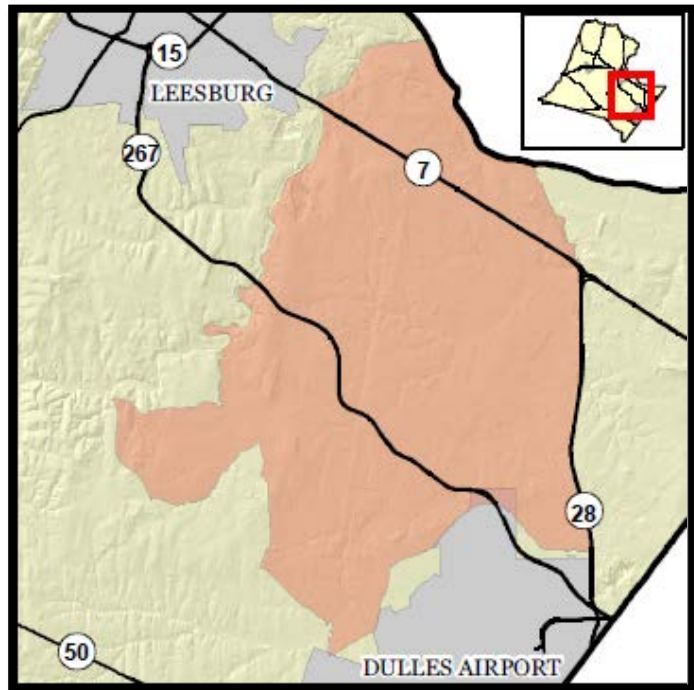
Project Description – C00221

This project provides funding for preliminary engineering, design and construction to widen Route 606 to four lanes from Evergreen Mills Road to the Dulles Greenway. Route 606 serves as a critical link in transporting freight to Dulles Airport. Loudoun County is sharing the funding responsibility for this project with the Virginia Department of Transportation (VDOT) and the Metropolitan Washington Airports Authority (MWAA).

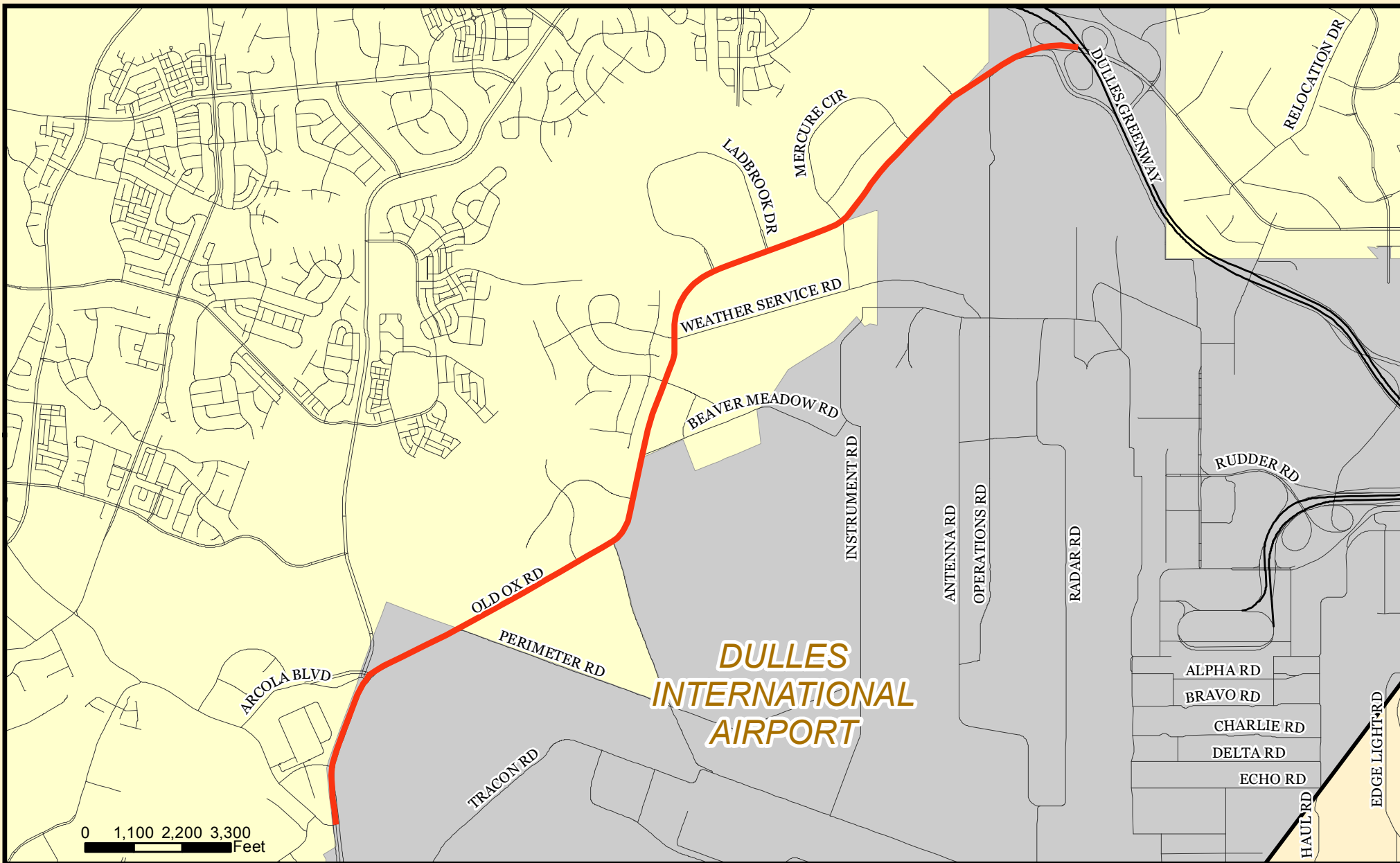
This project is being administered by VDOT using a design-build procurement. Construction is underway and interim improvements will be completed in 2017. The entire project is scheduled for completion in FY 2018. This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

Election District

Blue Ridge, Dulles



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	32,912	8,574	-	-	-	-	-	8,574	-	41,486
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	32,912	8,574	-	-	-	-	-	8,574	-	41,486
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	21,791	-	-	-	-	-	-	-	-	21,791
Proffers (Cash)	2,366	284	-	-	-	-	-	284	-	2,650
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	8,755	8,290	-	-	-	-	-	8,290	-	17,045
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	32,912	8,574	-	-	-	-	-	8,574	-	41,486



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 Capital Improvement Program Projects

ROUTE 606 WIDENING

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



Map Number 2014-058
Loudoun County Office of Mapping
and Geographic Information

Shaw Road

Project Description – C02116

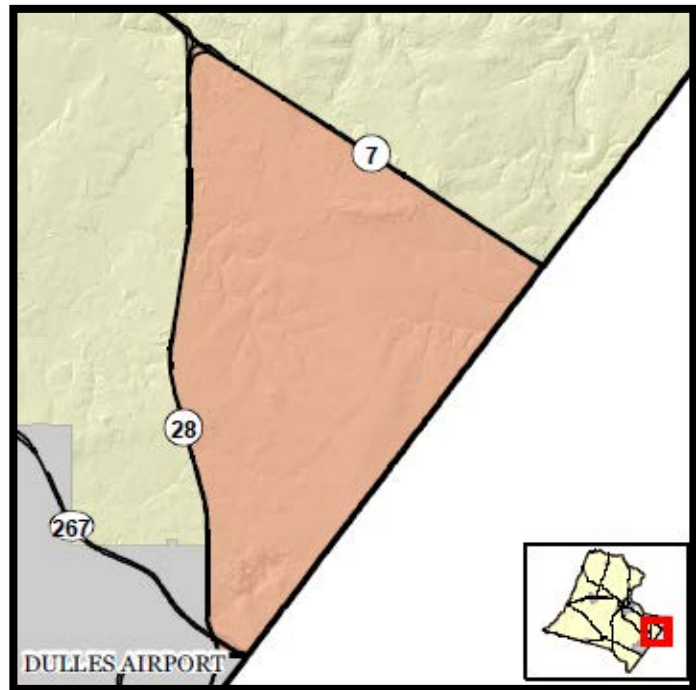
This project provides for the design and construction of improvements to Shaw Road from the Sterling Technology property to the Dulles Electric Supply property in order to widen the road from two to four lanes, and to solve existing roadway drainage issues.

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

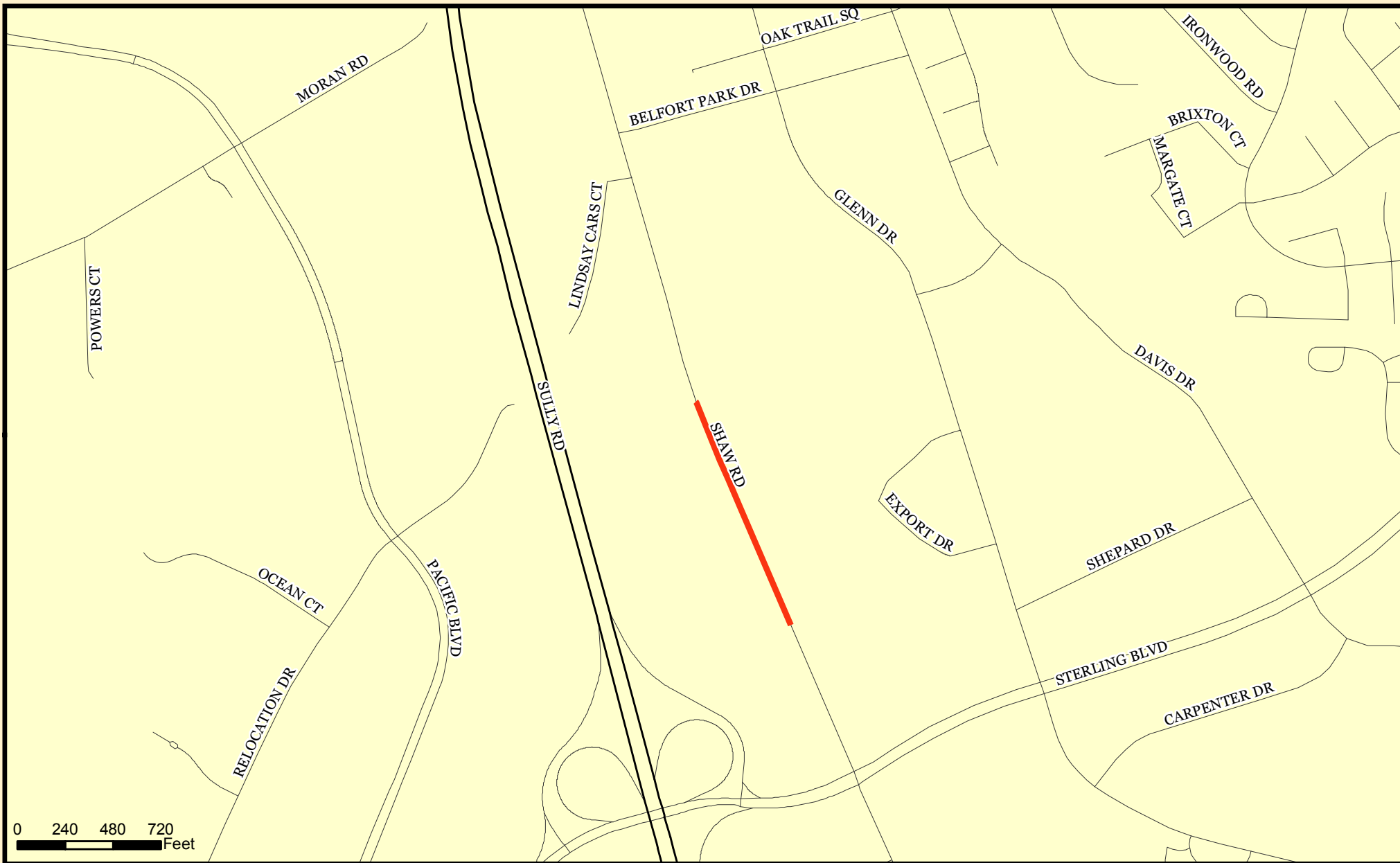
All proposed uses of NVTAs 30% local funding on County Road projects are subject to allocation of the funds to the County by NVTAs.

Election District

Sterling



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	1,017	-	-	-	-	-	1,017	-	1,017
Construction	-	-	1,922	-	-	-	-	1,922	-	1,922
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	1,017	1,922	-	-	-	-	2,939	-	2,939
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	1,600	-	-	-	-	1,600	-	1,600
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	1,017	-	-	-	-	-	1,017	-	1,017
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	322	-	-	-	-	322	-	322
Total Financing	-	1,017	1,922	-	-	-	-	2,939	-	2,939



LOUDOUN COUNTY GOVERNMENT

FY 2017 - FY 2022 Capital Improvement Program Projects

SHAW ROAD

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



Map Number 2015-320
Loudoun County Office of Mapping
and Geographic Information

Shellhorn Road – Loudoun County Parkway to Moran Road

Project Description – C02125

This project provides for the planning, design, and right-of-way acquisition for Shellhorn Road from Loudoun County Parkway to Moran Road. The project entails the construction of a four-lane roadway within a 120-foot right-of-way.

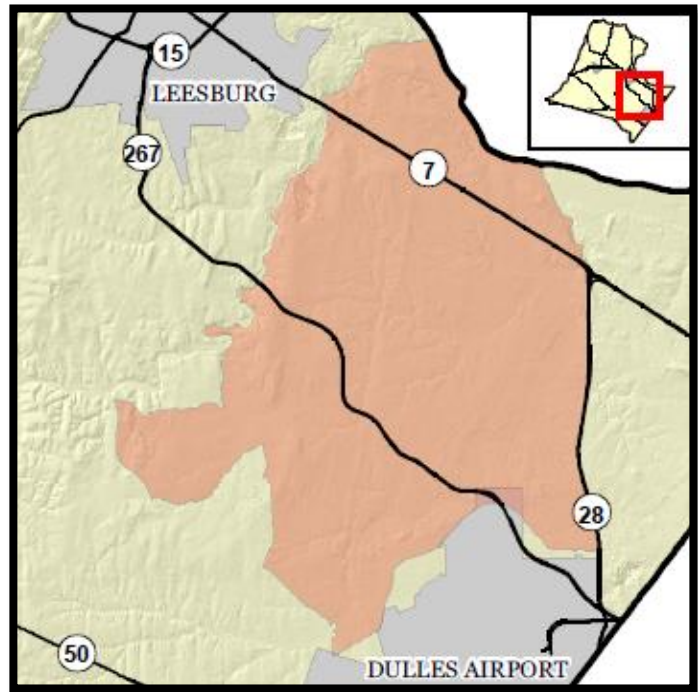
The road improvements are being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

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

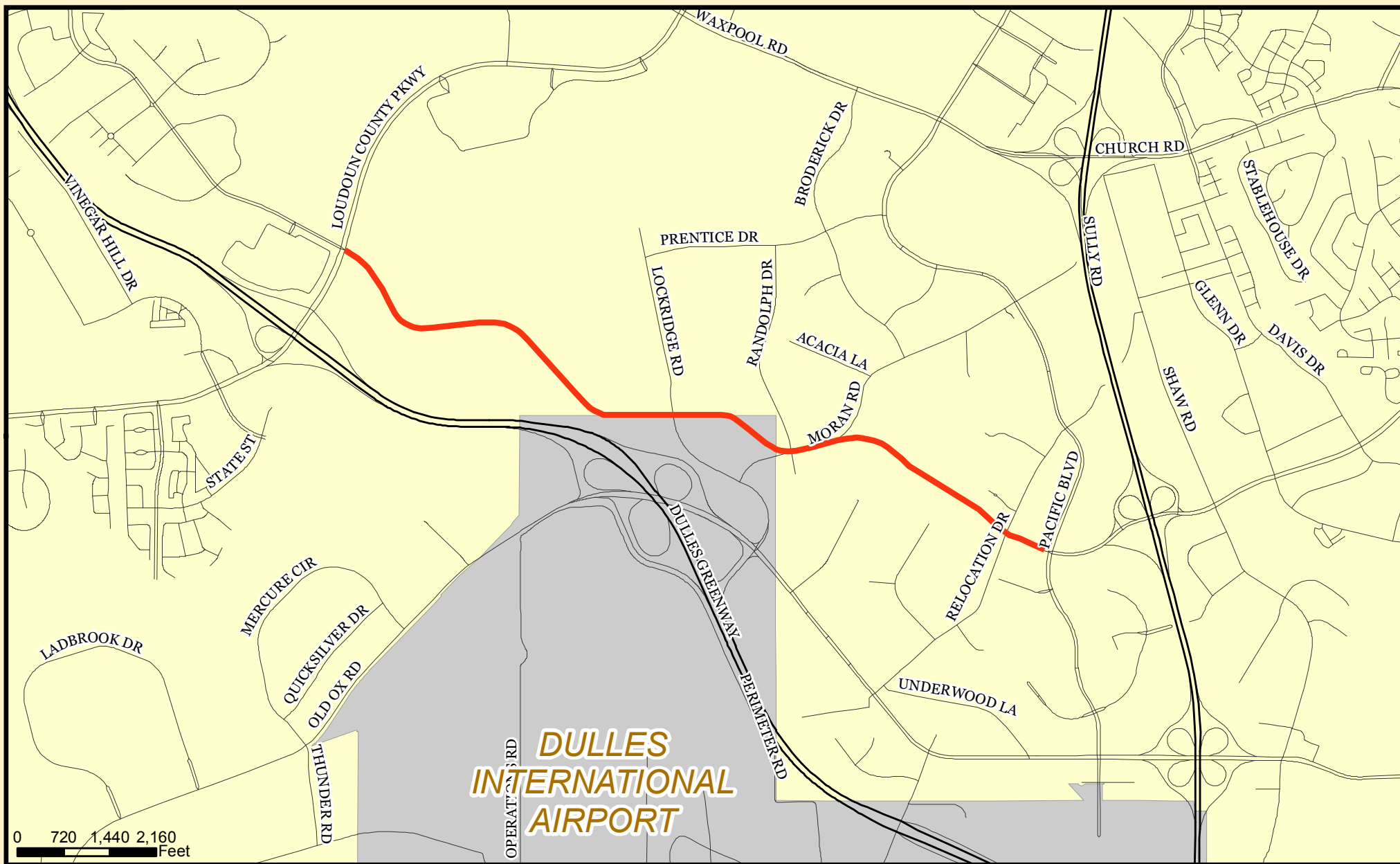
NVTA regional funds are applied for and awarded on a competitive basis. All proposed uses of NVTA regional funding on County road projects are subject to award of the funding to the County by NVTA.

Election District

Broad Run



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	4,000	4,000	-	-	-	8,000	-	8,000
Professional Services	-	8,000	-	-	8,000	-	-	16,000	-	16,000
Construction	-	-	-	-	-	-	-	-	102,750	102,750
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	8,000	4,000	4,000	8,000	-	-	24,000	102,750	126,750
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	8,000	-	-	-	-	-	8,000	102,750	110,750
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	4,000	4,000	8,000	-	-	16,000	-	16,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	8,000	4,000	4,000	8,000	-	-	24,000	102,750	126,750



LOUDOUN COUNTY GOVERNMENT

FY 2017- FY 2022 Capital Improvements Program Projects
 SHELLHORN RD - LOUDOUN COUNTY PKWY TO MORAN RD

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



Map Number 2016-079
 Loudoun County Office of Mapping
 and Geographic Information



Sterling Boulevard Extension – Pacific Boulevard to Randolph Drive

Project Description – C02046

This project provides for the design, right-of-way acquisition and construction of Sterling Boulevard from Pacific Boulevard to Randolph Drive. The project was recommended as an essential road connection to provide connectivity to the planned metro rail station at Route 606. The project will be designed as a four-lane urban major collector with a divided median, associated turn lanes, on-road bike lanes and a sidewalk.

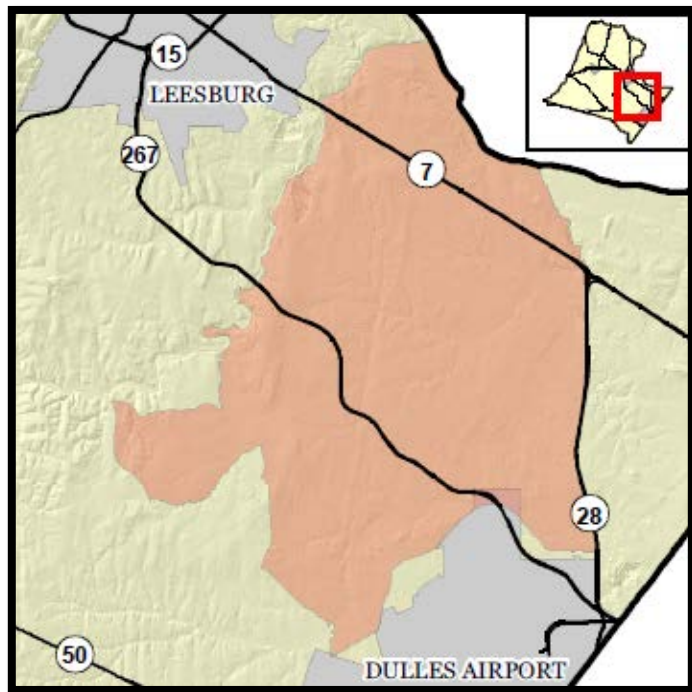
This road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

Design of this road segment was initiated in June 2015. The road is recommended in the 2010 Countywide Transportation Plan and in a study presented to the Board of Supervisors at the 2013 Transportation Summit.

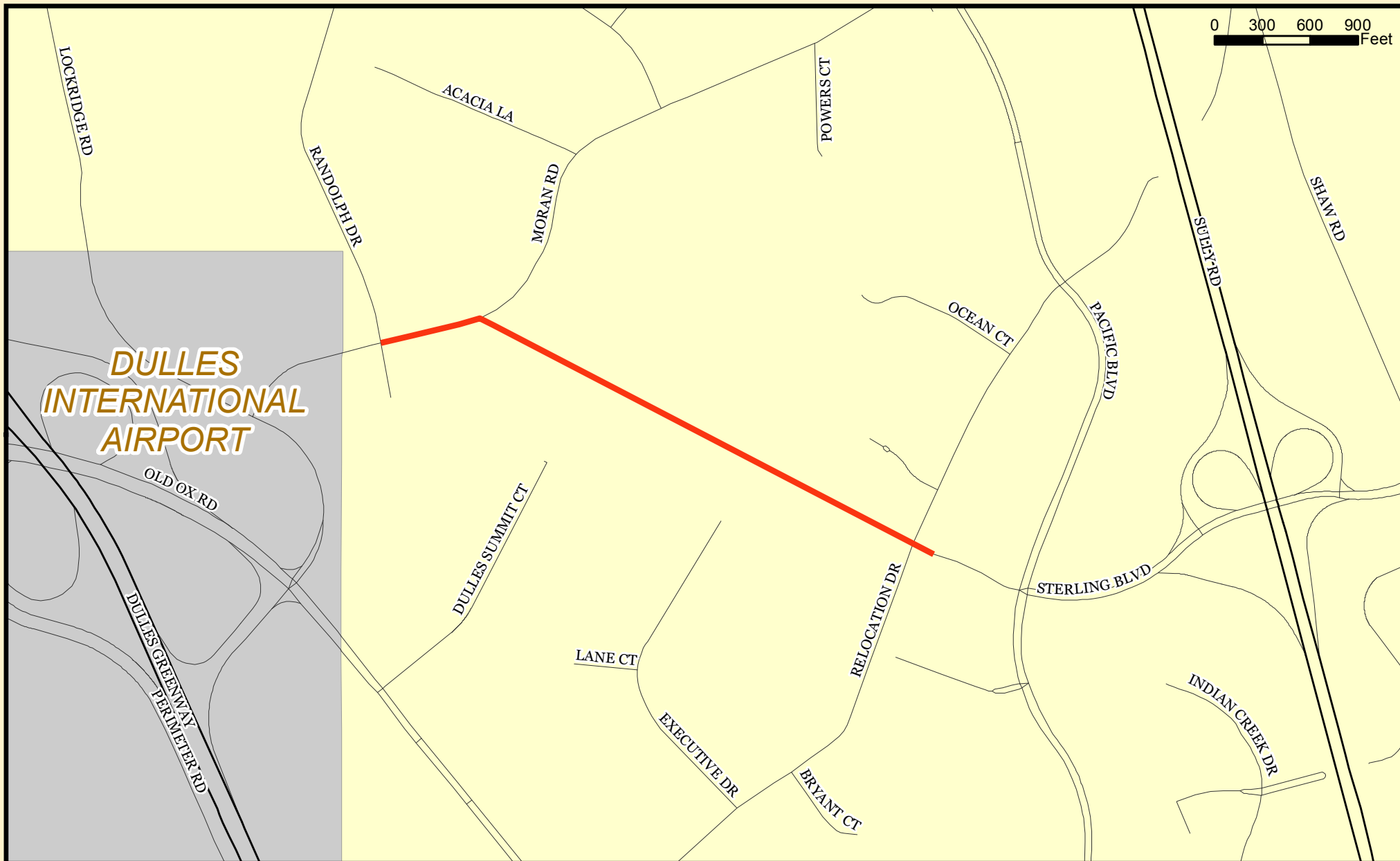
State Revenue Sharing funds are applied for and awarded on a competitive basis. All proposed uses of State Revenue Sharing funding on County road projects are subject to award of the funding to the County by VDOT. All proposed uses of NVTA 30% local funding on County Road projects are subject to allocation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

Election District

Broad Run



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	5,900	-	-	-	-	-	-	-	-	5,900
Professional Services	2,000	-	-	-	-	-	-	-	-	2,000
Construction	6,201	10,028	-	-	-	-	-	10,028	-	16,229
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	14,101	10,028	-	-	-	-	-	10,028	-	24,129
Local Tax Funding	1,700	-	-	-	-	-	-	-	-	1,700
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	28	-	-	-	-	-	28	-	28
Proceeds from Sale of Land	135	-	-	-	-	-	-	-	-	135
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	4,950	5,000	-	-	-	-	-	5,000	-	9,950
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	7,316	5,000	-	-	-	-	-	5,000	-	12,316
Total Financing	14,101	10,028	-	-	-	-	-	10,028	-	24,129



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 Capital Improvement Program Projects

STERLING BLVD

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



Map Number 2014-054

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 at Waxpool Road. The project entails modifications to accommodate the heavy westbound Waxpool Road left turns onto southbound Loudoun County Parkway, as well as the heavy 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.

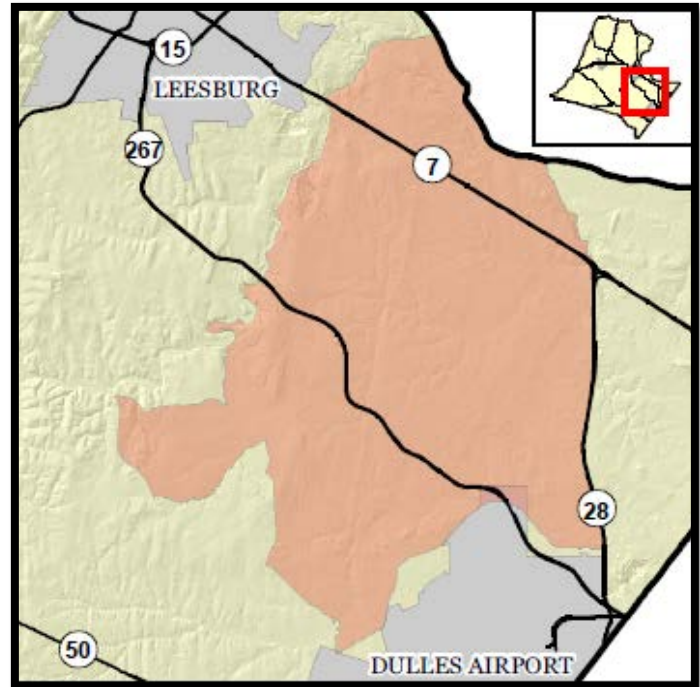
This road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

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

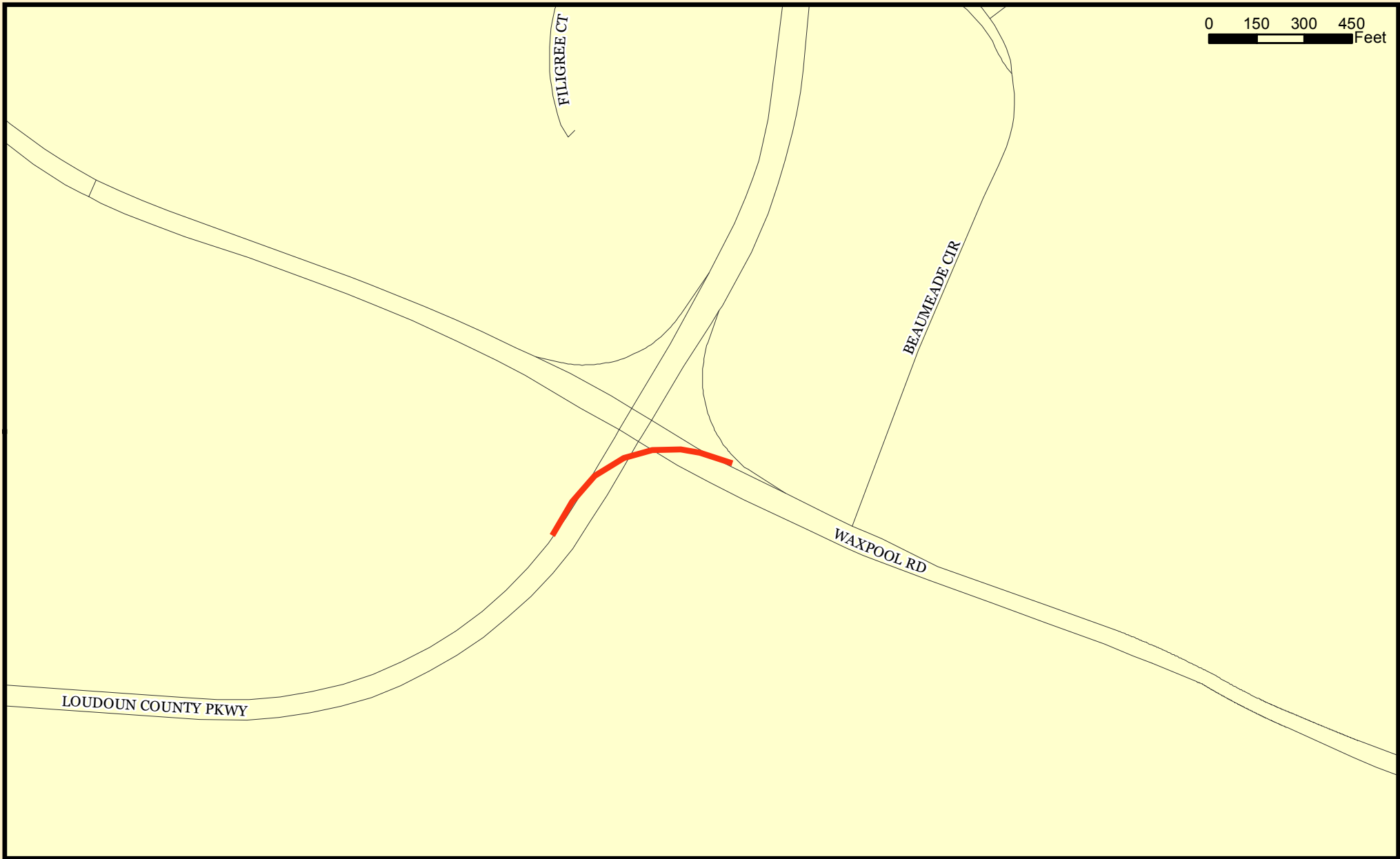
State Revenue Sharing funds are applied for and awarded on a competitive basis. All proposed uses of State Revenue Sharing funding on County road projects are subject to award of the funding to the County by VDOT. All proposed uses of NVTA 30% local funding are subject to funding allocation to the County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

Election District

Broad Run



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	660	-	-	-	-	-	-	-	-	660
Construction	575	1,146	3,139	-	-	-	-	4,285	-	4,860
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	1,235	1,146	3,139	-	-	-	-	4,285	-	5,520
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	146	-	-	-	-	-	146	-	146
Fund Balance	-	1,000	-	-	-	-	-	1,000	-	1,000
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	1,235	-	978	-	-	-	-	978	-	2,213
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	1,700	-	-	-	-	1,700	-	1,700
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	461	-	-	-	-	461	-	461
Total Financing	1,235	1,146	3,139	-	-	-	-	4,285	-	5,520



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 Capital Improvement Program Projects

WAXPOOL RD

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



Map Number 2014-061

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 from State Street to Ladbrook Drive. The project entails the construction of a four-lane median-divided roadway within a 120-foot right-of-way.

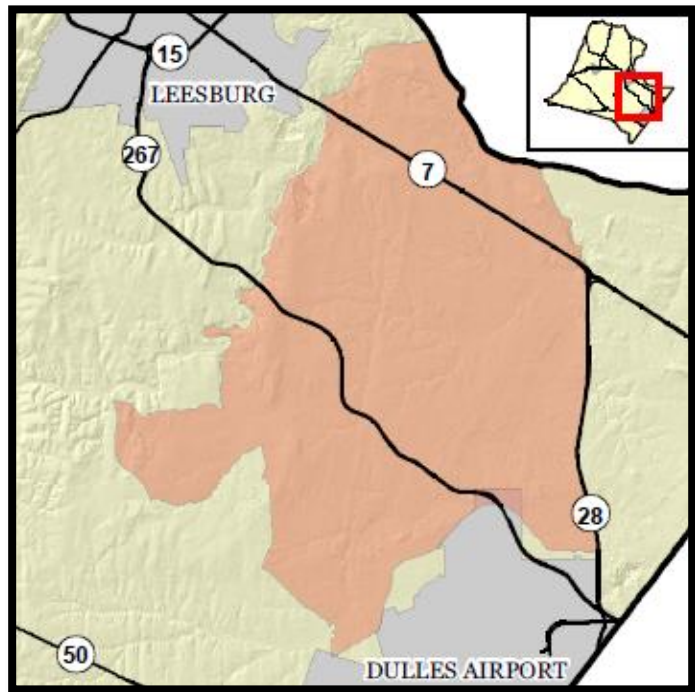
This road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

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

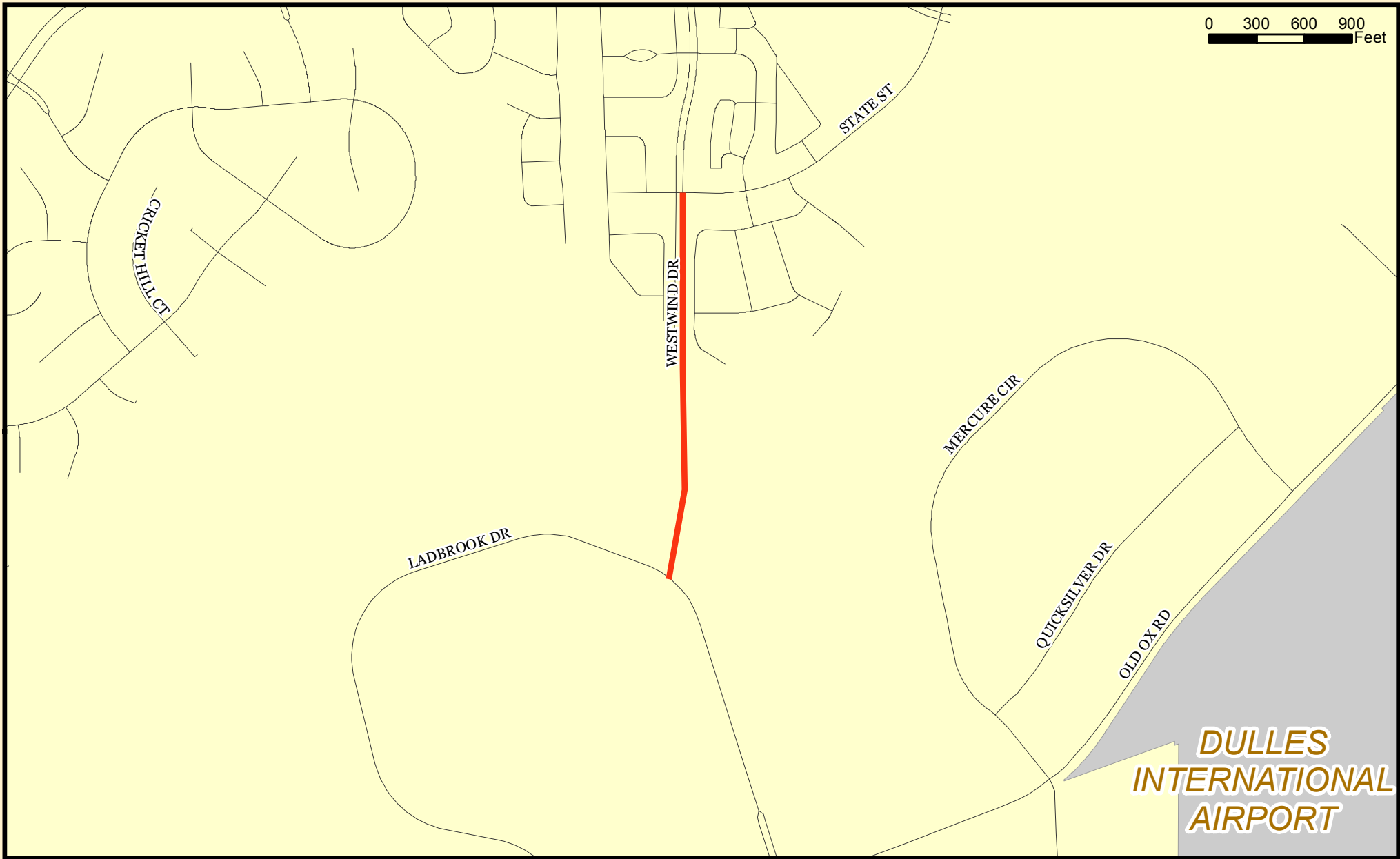
State Revenue Sharing funds and NVTA 70% regional funds are applied for and awarded on a competitive basis. All proposed uses of State Revenue Sharing and NVTA 70% regional funding on County road projects are subject to award of the funding to the County by VDOT and NVTA, respectively. All proposed uses of NVTA 30% local funding on County Road projects are subject to allocation of the funds to the County by NVTA. This project is also funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.

Election District

Dulles



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	8,000	22,239	13,460	-	43,699	-	43,699
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	8,000	22,239	13,460	-	43,699	-	43,699
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	5,000	-	-	5,000	-	5,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	13,000	-	13,000	-	13,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 70%	-	-	-	8,000	12,239	-	-	20,239	-	20,239
NVTA 30%	-	-	-	-	-	460	-	460	-	460
Total Financing	-	-	-	8,000	22,239	13,460	-	43,699	-	43,699
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	1,300	1,300		
Total Impact		-	-	-	-	-	1,300	1,300		



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 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 2014-392
Loudoun County Office of Mapping
and Geographic Information

Woodgrove High School/Fields Farm Park Road

Project Description – C02037

This project provides funding for design, right-of-way, utility relocation and construction of a two-lane road connecting Woodgrove High School to Route 690 through the County owned Fields Farm property.

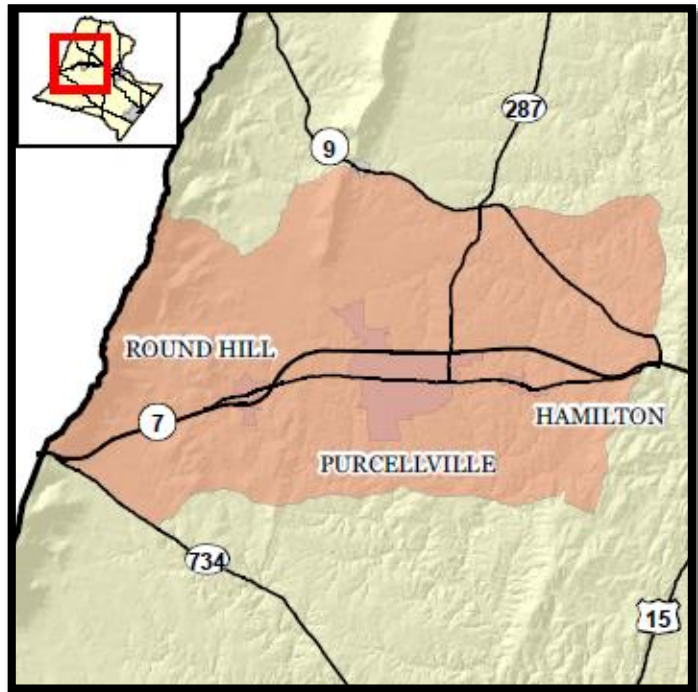
The road will provide a second access to Woodgrove High School to help alleviate traffic backups and safety concerns at the high school. One entrance/access point is provided to Alder School Road on the northern side of the Fields Farm property, and one entrance access point will be provided as part of this project to Route 690 on the southern portion of the property. This project also provides an access point to the County's future Fields Farm Park from Route 690.

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

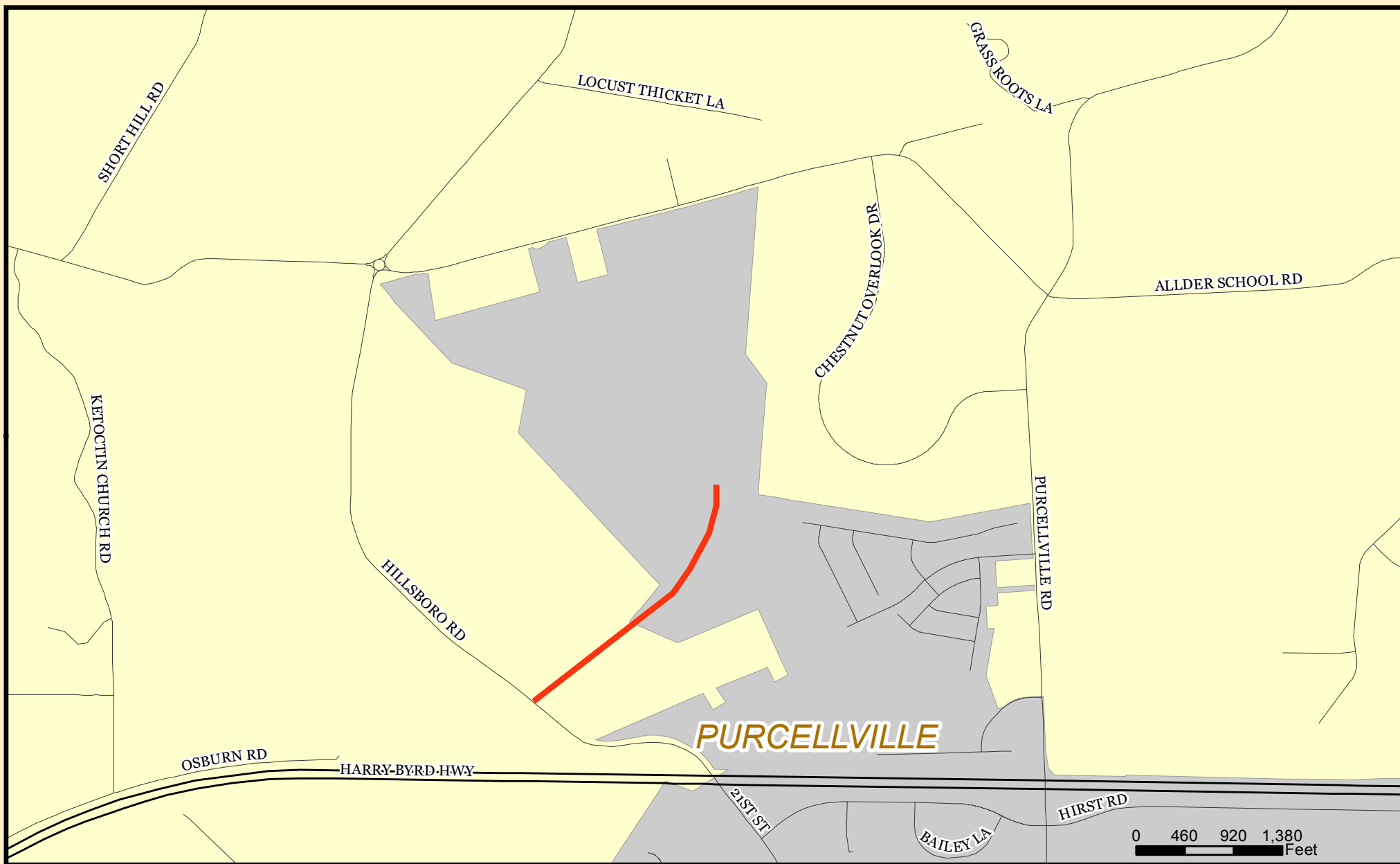
All proposed uses of NVTA 30% local funding on County Road projects are subject to allocation of the funds to the County by NVTA.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	550	-	-	-	-	-	-	-	-	550
Construction	3,265	-	4,000	-	-	-	-	4,000	-	7,265
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	3,815	-	4,000	-	-	-	-	4,000	-	7,815
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	3,815	-	-	-	-	-	-	-	-	3,815
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	4,000	-	-	-	-	4,000	-	4,000
Total Financing	3,815	-	4,000	-	-	-	-	4,000	-	7,815
Operating Impact (\$ in 1000s)										
Debt Service		70	-	-	-	-	-	-	-	70
Total Impact		70	-	-	-	-	-	-	-	70



LOUDOUN COUNTY GOVERNMENT

FY 2017 – FY 2022 Capital Improvement Program Projects

WOODGROVE HIGH SCHOOL/FIELDS FARM PARK RD

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



Map Number 2014-049

Loudoun County Office of Mapping and Geographic Information





Capital Improvement Program

FY 2018 Adopted Budget

Sidewalks, Traffic Signals, and Traffic Calming

Atlantic Boulevard Shared Use Path and Sidewalk

Project Description

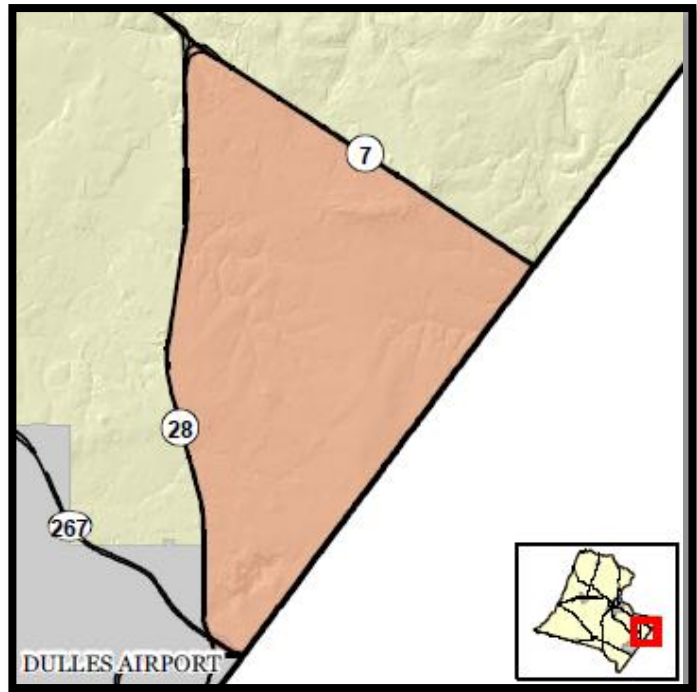
This project provides funding to develop a shared-use trail and sidewalk along Atlantic Boulevard from Magnolia Road to Nokes Boulevard. The projects includes a 10'-wide shared-use trail on the west side of Atlantic Boulevard and a 5'-wide sidewalk along the east side of Atlantic Boulevard.

Design of the proposed trail and sidewalk segments is complete (CPAP-2011-0073). The cost estimate in the CIP is for construction costs related to the development of the shared use trail and sidewalk, utility relocation, right-of-way and easement acquisition costs.

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

Election District

Sterling



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	1,073	1,073	-	1,073
Professional Services	-	-	-	-	-	1,000	-	1,000	-	1,000
Construction	-	-	-	-	-	-	-	-	4,200	4,200
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	1,000	1,073	2,073	4,200	6,273
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	1,000	1,000	-	1,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	1,000	-	1,000	4,200	5,200
Proffers (Cash)	-	-	-	-	-	-	73	73	-	73
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	1,000	1,073	2,073	4,200	6,273
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	100	100		
Total Impact		-	-	-	-	-	100	100		

Contingency Accounts

Project Description

This project provides funding for the three contingency accounts during the FY 2017 – FY 2022 CIP planning period.

Sidewalk Contingency – C02009

Provides \$1,000,000 in funding in each year of the FY 2017- FY 2022 CIP planning period to be used countywide for design and construction of missing sidewalk segments

Traffic Calming Contingency – C02008

Provides \$100,000 in funding in each year of the FY 2017- FY 2022 CIP planning period to be used countywide for study, design and construction of traffic calming measures.

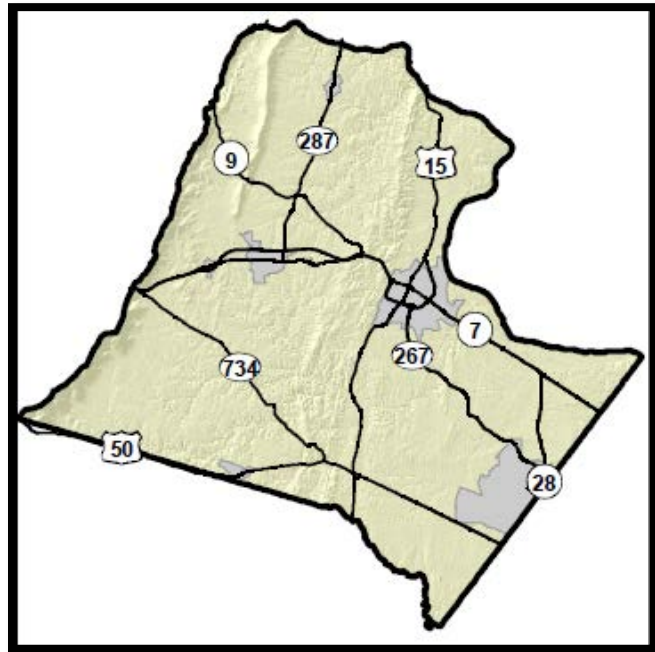
Traffic Signal Contingency – C02010

Provides \$500,000 in funding in each year of the FY 2017- FY 2022 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 Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	1,600	1,600	1,600	1,600	1,600	1,600	9,600	1,600	11,200
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	1,600	1,600	1,600	1,600	1,600	1,600	9,600	1,600	11,200
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	1,600	1,600	1,600	1,600	6,400	1,600	8,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	1,600	1,600	-	-	-	-	3,200	-	3,200
Total Financing	-	1,600	1,600	1,600	1,600	1,600	1,600	9,600	1,600	11,200



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.

The project includes sidewalk and storm water drainage improvements along West Colonial Highway (Route 7 Business) between Harmony Meadows Court and South Hughes Street (Route 709).

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

Election District

Catoctin



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	1,260	1,260	-	1,260
Construction	-	-	-	-	-	-	-	-	1,900	1,900
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,260	1,260	1,900	3,160
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,260	1,260	-	1,260
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	1,900	1,900
Total Financing	-	-	-	-	-	-	1,260	1,260	1,900	3,160

Northstar Boulevard/Belmont Ridge Road Traffic Signal

Project Description – C02070

This project provides funding for the installation of a traffic signal with crosswalks and pedestrian signals at the intersection of Belmont Ridge Road (Route 659) and Northstar Boulevard.

This project is funded using local gasoline tax and NVTA 30% local funds. All proposed uses of NVTA 30% local funds are subject to allocation of the funding to the County by NVTA.

Election Districts

Blue Ridge, Dulles



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	186	-	-	-	-	-	-	-	-	186
Construction	72	510	-	-	-	-	-	510	-	582
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	258	510	-	-	-	-	-	510	-	768
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	223	-	-	-	-	-	-	-	-	223
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	510	-	-	-	-	-	510	-	510
Local Gasoline Tax	35	-	-	-	-	-	-	-	-	35
Total Financing	258	510	-	-	-	-	-	510	-	768

Poland Road Shared Use Path

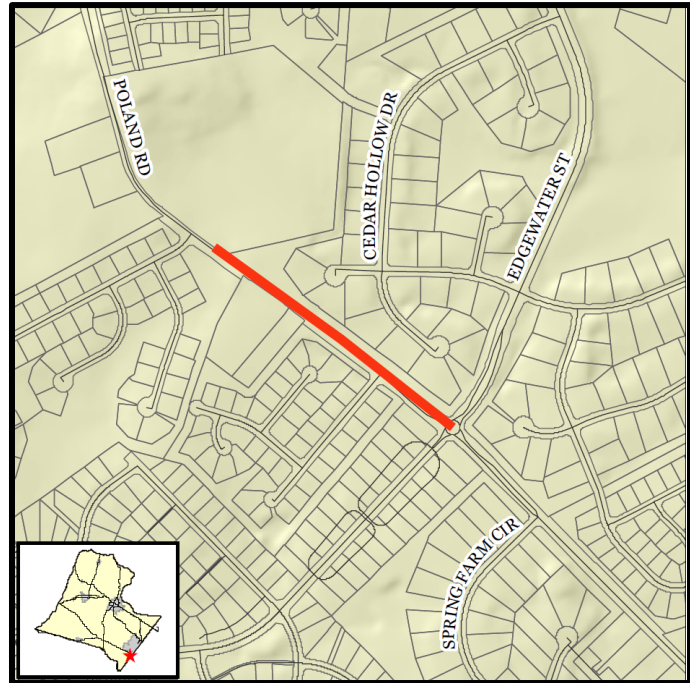
Project Description

This project provides funding to develop a shared-use path along Poland Road between Edgewater and 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	1,220	1,220	-	1,220
Construction	-	-	-	-	-	-	-	-	1,065	1,065
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,220	1,220	1,065	2,285
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,220	1,220	-	1,220
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	1,065	1,065
Total Financing	-	-	-	-	-	-	1,220	1,220	1,065	2,285



River Creek Parkway Sidewalk

Project Description

This project provides funding to develop missing sidewalk segments along River Creek Parkway between Parkers Ridge Drive and Potomac Station Drive.

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	1,315	1,315	-	1,315



Sterling Boulevard/W&OD Trail - Overpass

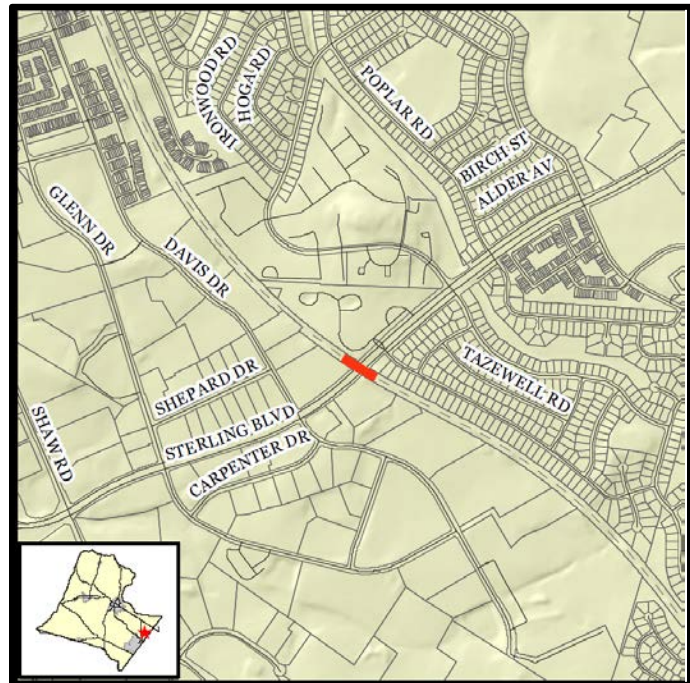
Project Description

This project provides for the design, right-of-way acquisition and construction of a pedestrian overpass across Sterling Boulevard at the W&OD Trail.

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

Election District

Sterling



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	345	-	345	-	345
Professional Services	-	-	-	-	-	500	-	500	-	500
Construction	-	-	-	-	-	6,900	-	6,900	-	6,900
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	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%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	7,745	-	7,745	-	7,745
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	82	82		
Total Impact		-	-	-	-	-	82	82		



Capital Improvement Program

FY 2018 Adopted Budget

Towns



Town of Hamilton

Drainage and Pedestrian Improvements

Project Description – C02122

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. This project provides local tax funding in FY 2017 for the following project in the Town of Hamilton:

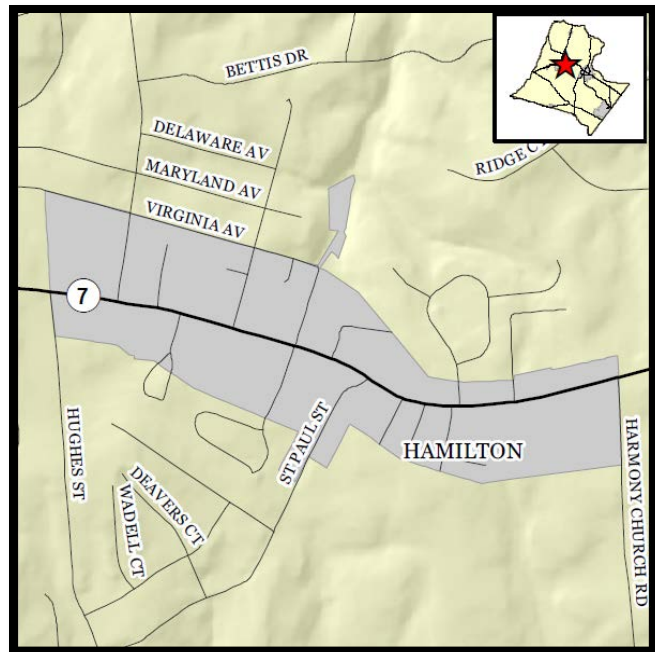
Drainage and Pedestrian Improvements on Route 7

This project provides drainage improvements and repair to the existing pedestrian sidewalks along Route 7 – Colonial Highway adjacent to the Town's western limits. The locations of the improvements are located just east of North Reid Street to North Ivandale Road and south along South Hughes Street. This area currently experiences drainage and flooding during rain events. The reconstruction will allow for an additional segment of the Town's pedestrian goal to develop a safe, accessible and continuous pedestrian network along Route 7 - Colonial Highway.

This project is funded using cash proffer interest.

Election District

Catoctin



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	566	-	-	-	-	-	566	-	566
Total Cost	-	566	-	-	-	-	-	566	-	566
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	566	-	-	-	-	-	566	-	566
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	566	-	-	-	-	-	566	-	566



Town of Hillsboro

Traffic Calming and Pedestrian Safety

Project Description – C02148

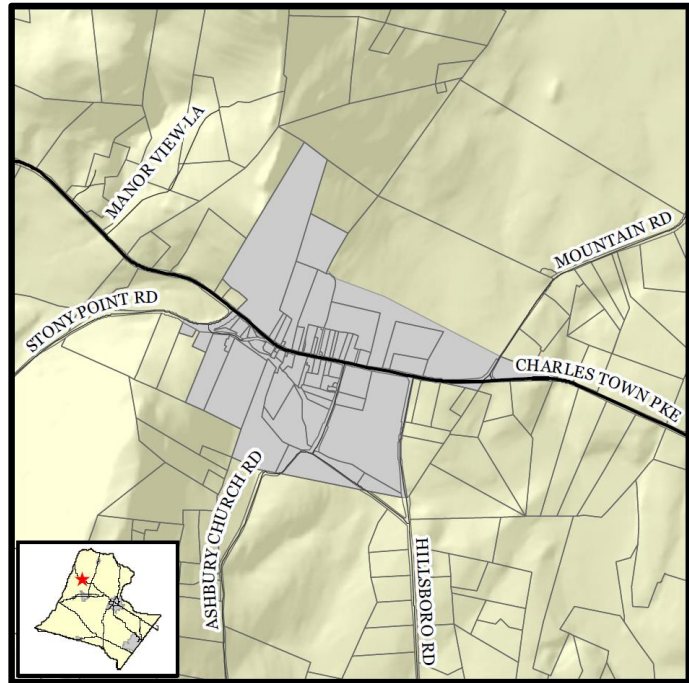
Each year, the County solicits capital project funding requests from towns within the County for facilities: 1. owned by, or located within, the town but operated by the County; or 2. for local pedestrian/transportation related improvements that benefit the County. As a capital expense, the funding for the projects is shown in the County's CIP. This project provides funding in FY 2018 for the following project in the Town of Hillsboro:

Route 9 Traffic Calming and Pedestrian Safety Project

The project is to construct traffic calming and pedestrian safety improvements along Route 9 in the Town between Route 690 and Stony Point Road. The entire project will include complete reconstruction of Route 9 in Hillsboro, two roundabouts and the addition of underground storm water drainage facilities and burial of overhead utilities – which must be constructed within the same narrow right-of-way as the water lines and wastewater pipes.

With the requested funding, undergrounding of utilities and installation of storm water facilities can be done simultaneously with the drinking water and wastewater pipe installation beneath Route 9, along with the installation of surface traffic calming measures, sidewalks, and safe on-street parking.

This project is funded using state revenue sharing and NVTA 30% local funds. All proposed uses of State Revenue Sharing funding is subject to funding allocation to the County by VDOT.



Election District

Blue Ridge

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	4,800	-	-	-	-	4,800	-	4,800
Total Cost	-	-	4,800	-	-	-	-	4,800	-	4,800
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	1,900	-	-	-	-	1,900	-	1,900
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	2,900	-	-	-	-	2,900	-	2,900
Total Financing	-	-	4,800	-	-	-	-	4,800	-	4,800



Town of Leesburg

Battlefield Parkway

Project Description – C02162

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. This project provides funding in FY 2018 for the following project in the Town of Leesburg:

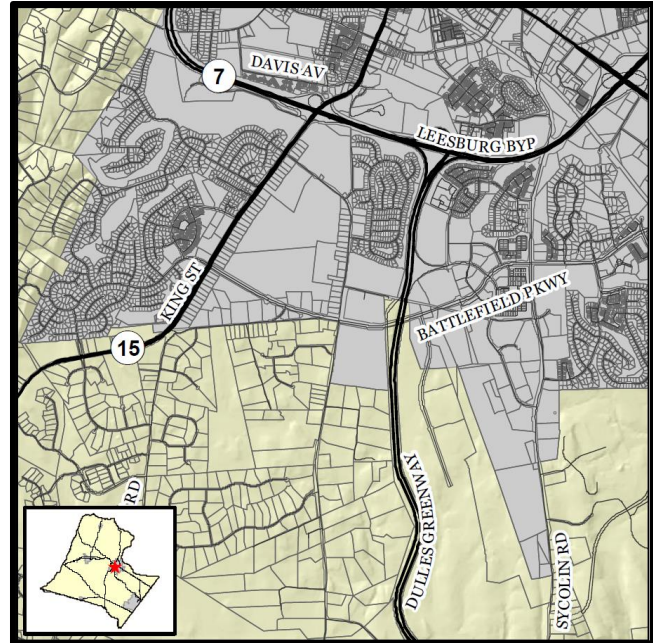
Battlefield Parkway Improvements

The project completes the final segment of Battlefield Parkway and includes the construction of a 0.7 mile segment of four-lane divided roadway between South King Street (Route 15) and Evergreen Mill Road (Route 621), and widening of 0.3 miles from two lanes to a four-lane divided arterial roadway between Evergreen Mill Road and the Dulles Greenway. This project includes the construction of a sidewalk and shared-use trail which will improve pedestrian and bicycle access to the three schools and the Town park facilities in the area.

This project is funded using NVT 30% Local funds.

Election District

Leesburg



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	1,000	-	-	-	-	1,000	-	1,000
Total Cost	-	-	1,000	-	-	-	-	1,000	-	1,000
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%	-	-	1,000	-	-	-	-	1,000	-	1,000
Total Financing	-	-	1,000	-	-	-	-	1,000	-	1,000

Town of Leesburg

NVTA Local Funding (30%)

Project Description – C02016

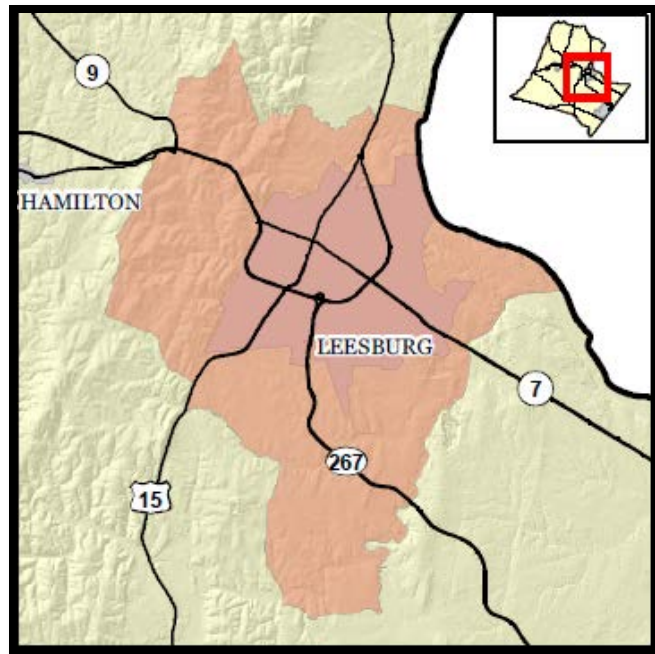
This project reports funding transfers made to the Town of Leesburg from the County's share of the NVTA 30% Local funds. The Town of Leesburg is entitled to a portion of the County's 30% NVTA Local funds based upon the percentage of revenues generated within the Town from the sales, grants and hotel tax levies enacted by HB 2313 to fund NVTA Regional Road 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 30% Local funds on the following projects from FY 2017 to FY 2022:

- 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

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	5,591	2,036	2,101	2,167	2,235	2,306	2,379	13,224	10,290	29,105
Total Cost	5,591	2,036	2,101	2,167	2,235	2,306	2,379	13,224	10,290	29,105
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%	5,591	2,036	2,101	2,167	2,235	2,306	2,379	13,224	10,290	29,105
Total Financing	5,591	2,036	2,101	2,167	2,235	2,306	2,379	13,224	10,290	29,105

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/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:

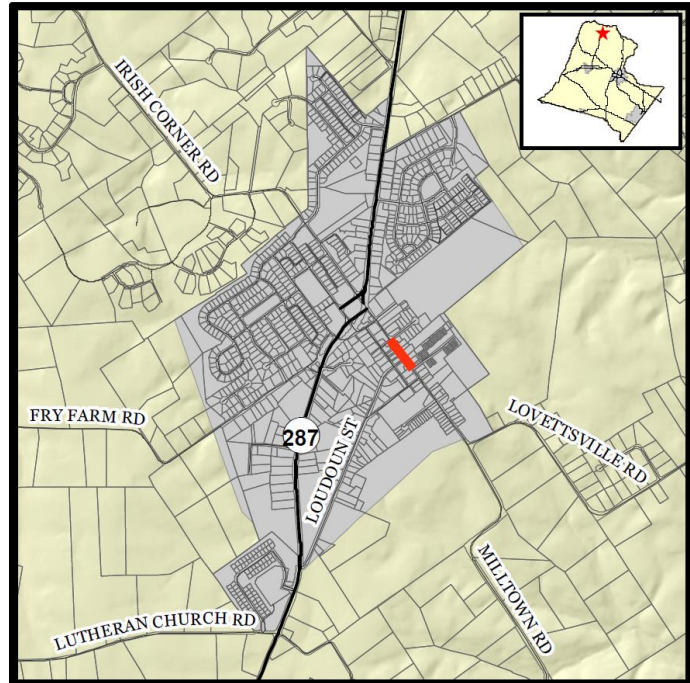
Lovettsville Sidewalk Improvements

The project provides for the 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.

This project is funded using local gasoline tax funding and local tax funding.

Election District

Catoctin



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	150	-	-	-	-	150	-	150
Construction	-	-	-	-	700	-	-	700	-	700
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	150	-	700	-	-	850	-	850
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	150	-	-	-	-	150	-	150
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	700	-	-	700	-	700
Total Financing	-	-	150	-	700	-	-	850	-	850

Town of Middleburg

Crosswalk and Sidewalk Projects

Project Description – C02052

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. This project provides funding for the following project in the Town of Middleburg:

Crosswalk Projects

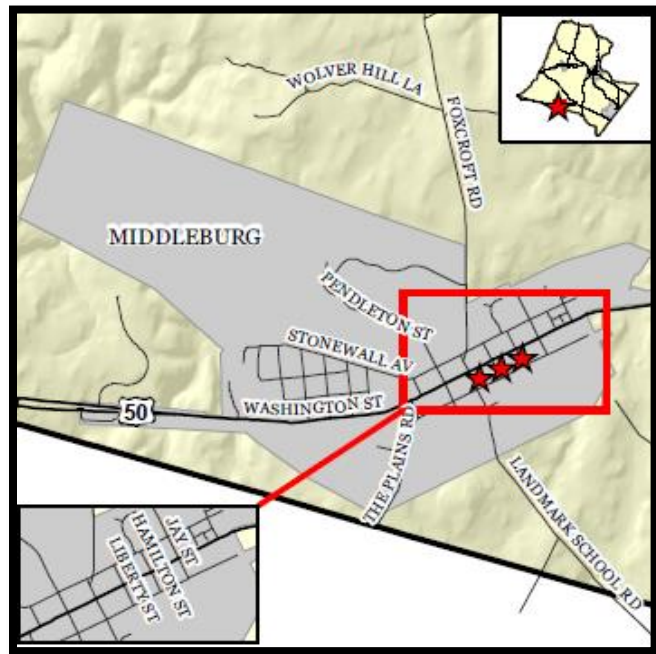
The project provides crosswalk improvements to three intersections along Route 50 in the Town in order to improve pedestrian safety for shoppers and visitors in the Town's business corridor.

Intersection of Washington and Liberty
Intersection of Washington and Hamilton
Intersection of Washington and Jay

The Town also requested funding in FY 2018 for sidewalk connections on Stonewall Avenue and East Marshall Street to provide safe pedestrian access to County facilities, including the Middleburg Charter School and Middleburg Library.

Ongoing operations and maintenance expenses are the responsibility of VDOT or the Town of Middleburg.

This project is funded using local gasoline tax funding and local tax funding.



Election District

Blue Ridge

Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	166	-	-	-	-	166	-	166
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	1,205	585	-	-	-	-	-	585	-	1,790
Total Cost	1,205	585	166	-	-	-	-	751	-	1,956
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	585	-	-	-	-	-	585	-	585
Fund Balance	-	-	166	-	-	-	-	166	-	166
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	1,205	-	-	-	-	-	-	-	-	1,205
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	1,205	585	166	-	-	-	-	751	-	1,956



Town of Purcellville

A Street Sidewalk Connection

Project Description – C02163

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. This project provides funding for the following project in the Town of Purcellville:

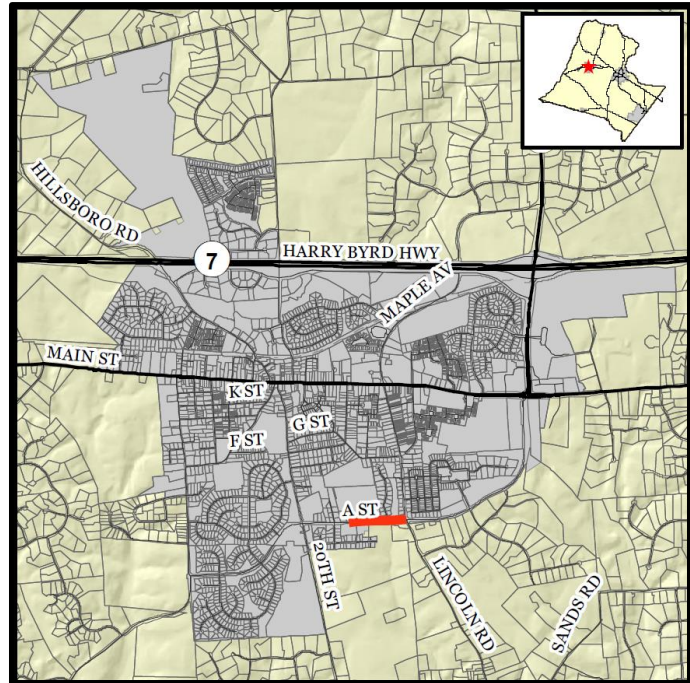
Town of Purcellville Sidewalk Improvements

The project provides for the design, right-of-way acquisition and construction of sidewalk improvements along A Street in the Town of Purcellville between the Blue Ridge Middle School and Maple Avenue.

This project is funded using NVTAs 30% Local funds.

Election District

Blue Ridge



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	875	-	-	-	-	875	-	875
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	875	-	-	-	-	875	-	875
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%	-	-	875	-	-	-	-	875	-	875
Total Financing	-	-	875	-	-	-	-	875	-	875



Town of Purcellville

NVTA Local Funding (30%)

Project Description – C02017

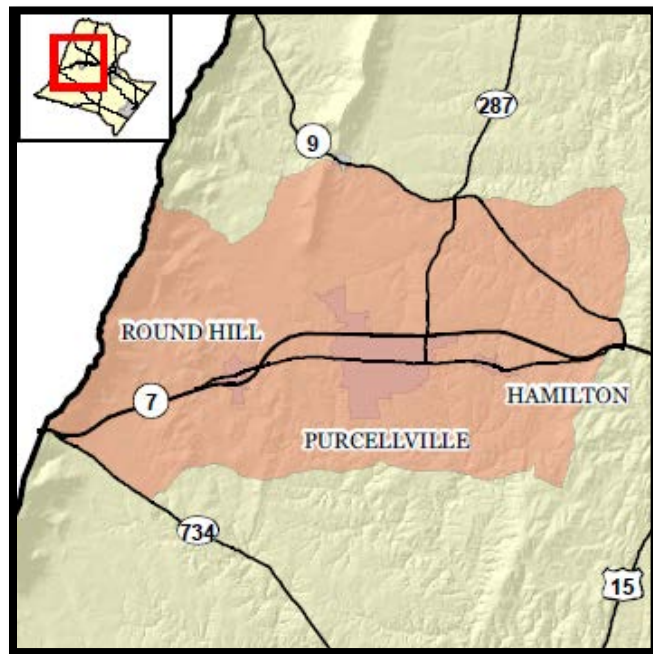
This project reports funding transfers made to the Town of Purcellville from the County's share of the NVTA 30% Local funds. The Town of Purcellville is entitled to a portion of the County's funds based upon the percentage of revenues generated within the Town from the sales, grants and hotel tax levies enacted by HB 2313 to fund NVTA Regional Road 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 30% local funds on the following projects from FY 2017 to FY 2022:

- Nursery Avenue Sidewalk Replacement from South 20th Street to K Street

The projects are the responsibility of the Town of Purcellville or 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 due 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

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	1,169	444	437	451	465	480	495	2,772	2,150	6,091
Total Cost	1,169	444	437	451	465	480	495	2,772	2,150	6,091
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%	1,169	444	437	451	465	480	495	2,772	2,150	6,091
Total Financing	1,169	444	437	451	465	480	495	2,772	2,150	6,091





Capital Improvement Program

FY 2018 Adopted Budget

Transit

Leesburg Park and Ride Lot

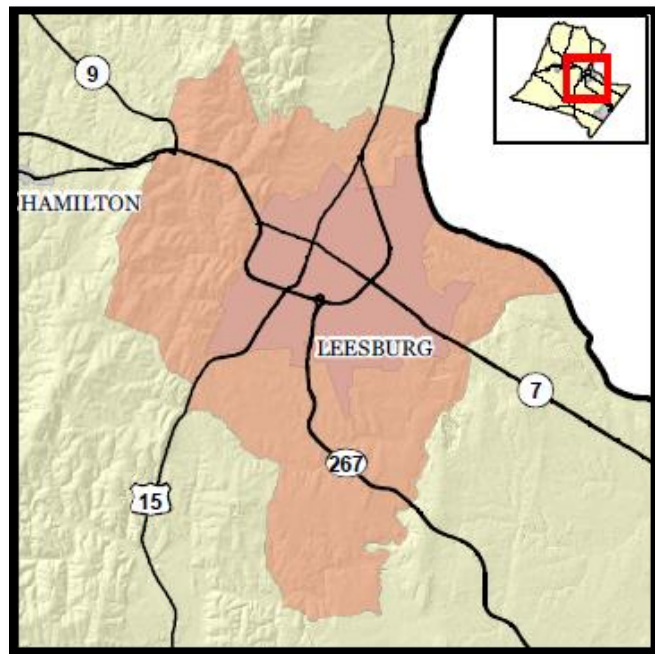
Project Description – C02038

This project provides for the design and construction of a minimum 300-space surface park and ride lot on a site to be acquired near the Town of Leesburg, as recommended in the County's Transit Development Plan (TDP).

This project is funded using cash proffers, NVTA 70% regional funds, NVTA 30% local funds, and local gasoline tax funds. 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

Leesburg



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	2,000	-	-	-	-	-	-	-	-	2,000
Professional Services	500	-	-	-	-	-	-	-	-	500
Construction	-	1,490	-	-	-	-	-	1,490	-	1,490
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	2,500	1,490	-	-	-	-	-	1,490	-	3,990
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	1,500	-	-	-	-	-	-	-	-	1,500
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	1,000	-	-	-	-	-	-	-	-	1,000
NVTA 30%	-	1,490	-	-	-	-	-	1,490	-	1,490
Total Financing	2,500	1,490	-	-	-	-	-	1,490	-	3,990



Metro Capital Contribution

Project Description

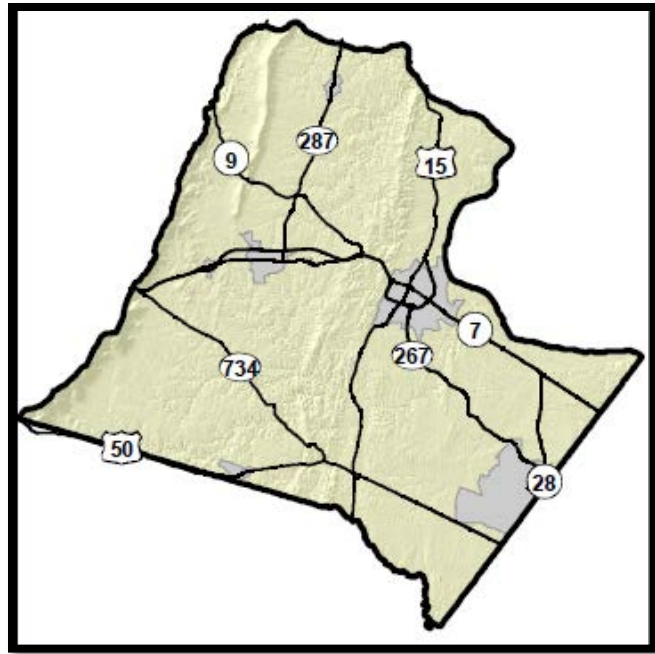
As part of bringing the Silver Line Phase 2 to Loudoun County, the County has agreed to enter into a Capital Funding Agreement (CFA) with WMATA in which the County provides an annual contribution to provide system performance funds and fund contractual obligations WMATA has made during the term of the CFA, as well as 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 NVT 30% Local Funds and general obligation bonds that will be scheduled for placement on the November 2019 referendum.

Election District

Countywide



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	12,000	28,000	26,000	66,000	104,000	170,000
Total Cost	-	-	-	-	12,000	28,000	26,000	66,000	104,000	170,000
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	15,000	13,000	28,000	52,000	80,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	12,000	13,000	13,000	38,000	52,000	90,000
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	12,000	28,000	26,000	66,000	104,000	170,000
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	1,500	1,500		
Total Impact		-	-	-	-	-	1,500	1,500		

Metro Station Area Pedestrian Improvements

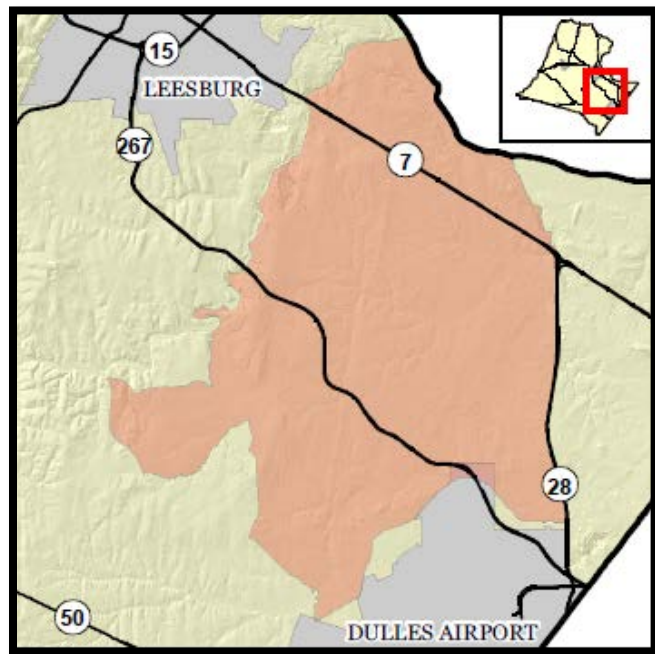
Project Description – C02159

This project provides for sidewalks, shared-use trails, crosswalks, and intersection improvements to improve pedestrian access to the Silver Line Metro Stations (Loudoun Gateway and Ashburn) in Loudoun County.

This project is funded using CMAQ and RSTP grant funds.

Election District

Countywide



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	5,717	-	-	-	5,400	11,117	9,760	20,877
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	5,717	-	-	-	5,400	11,117	9,760	20,877
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	5,717	-	-	-	5,400	11,117	3,960	15,077
RSTP	-	-	-	-	-	-	-	-	5,800	5,800
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	5,717	-	-	-	5,400	11,117	9,760	20,877

One Loudoun Park and Ride Lot

Project Description

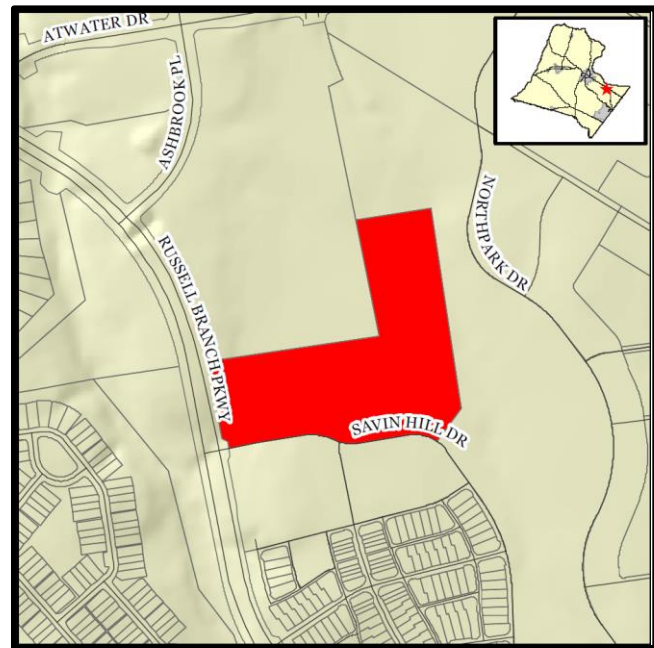
This project provides for the design and construction of a minimum 200-space surface park and ride lot on a site acquired by the County in the One Loudoun development, as recommended in the County's Transit Development Plan (TDP).

The park and ride lot will be co-located on the parcel highlighted in red with the Ashburn Sheriff Station.

This project is funded using CMAQ funds.

Election District

Broad Run



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	3,291	-	-	-	3,291	-	3,291
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	3,291	-	-	-	3,291	-	3,291
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	3,291	-	-	-	3,291	-	3,291
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	3,291	-	-	-	3,291	-	3,291

Transit Bus Acquisition

Project Description – C02161

This project procures buses in support of the County's transit services. The first bus acquisition schedule was approved by the Board of Supervisors in FY 2004, when the first 22 buses were 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.

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.

At least half of the funding for planned bus acquisitions will come from State Capital Assistance grant funding. The County will procure three transit buses in FY 2018.

The program's operations and maintenance expenses are funded through a combination of fare revenues, advertising fees, State operating assistance, and local tax funding. Beginning in FY 2018, gasoline tax revenues are no longer used to fund this program.

The transit bus acquisition program is funded through a combination of State Capital Assistance grants, cash proffers and excess prior year transit bus fee revenues.



Election District

Countywide

Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	32,523	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	42,523
Total Cost	32,523	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	42,523
Transit Fees	-	-	-	-	76	500	500	1,076	2,000	3,076
Local Tax Funding - Roads	335	-	-	-	-	-	-	-	-	335
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	4,160	500	500	500	424	-	-	1,924	-	6,084
State Capital Assistance	18,065	500	500	500	500	500	500	3,000	2,000	23,065
Lease Revenue Financing	6,859	-	-	-	-	-	-	-	-	6,859
Local Gasoline Tax	1,244	-	-	-	-	-	-	-	-	1,244
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	1,860	-	-	-	-	-	-	-	-	1,860
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	32,523	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	42,523

Western Loudoun Park and Ride Lot

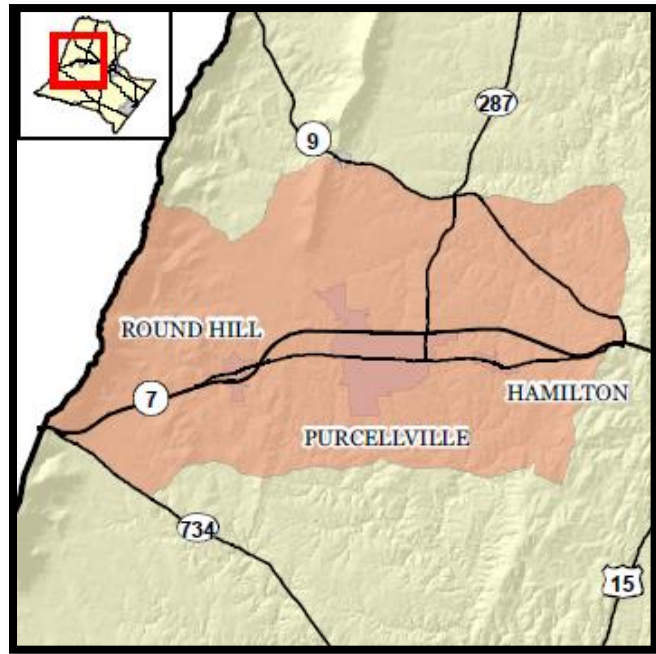
Project Description – C02085

This project provides for the design and construction of a minimum 250-space surface park and ride lot on a site acquired in the western portion of the County.

This project is funded using CMAQ funds.

Election District

Blue Ridge



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	3,600	-	150	-	-	-	3,750	-	3,750
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	221	-	-	-	-	-	221	-	221
Total Cost	-	3,821	-	150	-	-	-	3,971	-	3,971
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	3,821	-	150	-	-	-	3,971	-	3,971
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Total Financing	-	3,821	-	150	-	-	-	3,971	-	3,971





Capital Improvement Program

FY 2018 Adopted Budget

School Capital Projects

Contents

Elementary Schools	12-05
Middle Schools	12-19
High Schools	12-23
Division/ Other School Projects	12-37





Capital Improvement Program by Functional Area

Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
School Capital Projects Fund											
Projects											
Elementary Schools		3,915	53,090	37,895	-	7,516	61,145	47,678	207,324	206,142	417,381
Middle Schools		3,000	57,820	-	-	-	-	-	57,820	98,064	158,884
High Schools		6,045	129,490	113,247	14,765	61,364	-	320	319,186	32,327	357,558
Other 'School Projects		-	-	5,265	15,632	3,932	7,166	23,504	55,499	48,080	103,579
Budgetary Cost		12,960	240,400	156,407	30,397	72,812	68,311	71,502	639,829	384,613	1,037,402

Funding Source

Local Tax Funding	-	14,425	10,305	10,000	6,903	660	320	42,613	4,385	46,998
General Obligation Bonds	12,960	221,095	146,102	20,397	65,909	63,371	71,182	588,056	380,228	981,244
Lease Revenue Financing	-	-	-	-	-	4,280	-	4,280	-	4,280
Proffers (Cash)	-	4,880	-	-	-	-	-	4,880	-	4,880
Total Funding Source	12,960	240,400	156,407	30,397	72,812	68,311	71,502	639,829	384,613	1,037,402



SCHOOL CAPITAL PROJECTS

Table of Contents

Elementary School Projects Summary	12-5
ES-23 Dulles North Elementary School	12-7
ES-24 Central Loudoun Elementary School	12-8
ES-28 Dulles South Elementary School	12-9
ES-29 Dulles South Elementary School	12-10
ES-31 Dulles North Elementary School	12-11
ES-34 Dulles North Elementary School	12-12
Three-Classroom Addition - Steuart W. Weller Elementary School.....	12-13
Three-Classroom Additions Phases I & II - Elementary Schools Throughout the County.....	12-14
Elementary School Renovation 1	12-15
Elementary School Renovation 2	12-16
Elementary School Renovations 3 & 4	12-17
Elementary School Renovations 5 & 6	12-18
Middle School Projects Summary	12-19
MS-7 Dulles South Area Middle School	12-21
Middle School Renovation 1	12-22
High School Projects Summary	12-23
CS Monroe Conversion - Douglass School Renovations.....	12-25
Loudoun County HS Naval JROTC Facility Renewal	12-26
HS-9 Dulles South High School	12-27
HS-11 Dulles North High School	12-28
High School Baseball/Softball Press Boxes (5 Schools)	12-29
High School Tennis Court Lighting (15 Schools)	12-30
High School Stadium Synthetic Turf & Track Resurfacing (4 Schools).....	12-31
High School Weight Room Expansions (3 Schools).....	12-32
High School Renovation 1.....	12-33
Modular Classrooms (8) Dulles North and Dulles South	12-34
Modular Classrooms Removal at Briar Woods High School	12-35
Division/Other School Projects	12-37
Division Security Improvements	12-39
Joint Use Dry Bulk Storage Facility.....	12-40
Lovettsville Elementary School Bus/Visitor Parking	12-41
Lucketts Elementary School Waste Water Treatment Facility.....	12-42
School Bus Acquisition and Replacement	12-43
School Security Vestibules.....	12-44
School Walking Tracks (18 Schools).....	12-45
Staff Training Center - Round Hill Support Facility Renovations.....	12-46
Student Welcome & Adult Education Center.....	12-47
Valley Service Center Replacement - Kenneth W. Culbert Elementary School Bus Parking.....	12-48





Capital Improvement Program

FY 2018 Adopted Budget

Elementary Schools



Capital Improvement Program by Functional Area Schedule of Appropriations

Capital (\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Elementary Schools										
Projects										
(ES-23) Dulles North Area Elementary School	-	-	-	-	4,545	40,875	-	45,420	-	45,420
(ES-24) Central Loudoun Area Elementary School	-	-	-	-	-	-	4,964	4,964	44,636	49,600
(ES-28) Dulles South Area Elementary School	2,000	36,770	-	-	-	-	-	36,770	-	38,770
(ES-29) Dulles South Area Elementary School	-	-	-	-	-	4,750	42,714	47,464	-	47,464
(ES-31) Dulles North Area Elementary School	1,915	-	37,895	-	-	-	-	37,895	-	39,810
(ES-34) Dulles North Area Elementary School	-	-	-	-	-	-	-	-	5,919	5,919
Three-Classroom Addition <i>Steuart W. Weller Elementary School</i>	-	-	-	-	2,971	-	-	2,971	-	2,971
Three-Classroom Additions Phases I & II	-	16,320	-	-	-	15,520	-	31,840	-	31,840
Renovation 1 Elementary School	-	-	-	-	-	-	-	-	35,276	35,276
Renovation 2 Elementary School	-	-	-	-	-	-	-	-	36,865	36,865
Renovations 3 & 4 Elementary Schools	-	-	-	-	-	-	-	-	77,046	77,046
Renovations 5 & 6 Elementary Schools	-	-	-	-	-	-	-	-	6,400	6,400
Budgetary Cost	3,915	53,090	37,895	-	7,516	61,145	47,678	207,324	206,142	417,381
Funding Source										
Local Tax Funding	-	-	1,540	-	2,971	-	-	4,511	-	4,511
General Obligation Bonds	3,915	53,090	36,355	-	4,545	61,145	47,678	202,813	206,142	412,870
Total Funding Source	3,915	53,090	37,895	-	7,516	61,145	47,678	207,324	206,142	417,381

(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 105,757 square foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 928, the elementary school will include classrooms, a media center, cafeteria, multipurpose room and two unlighted outdoor physical education fields.

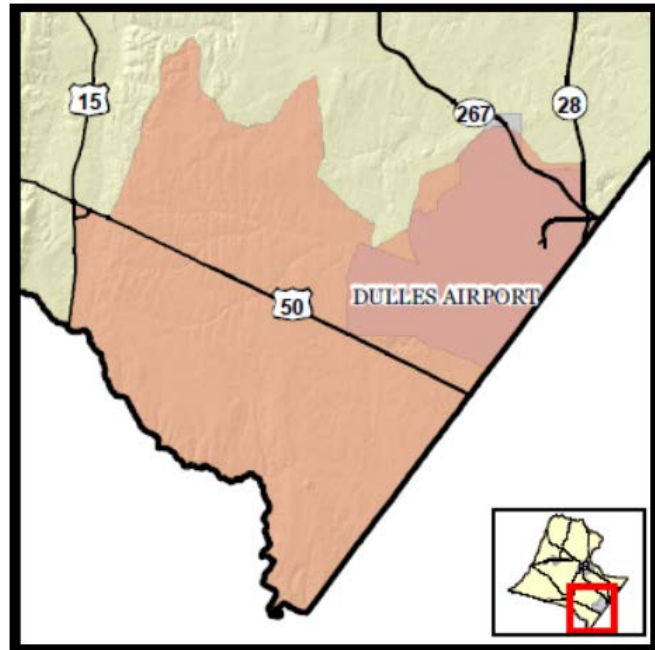
This project is funded using general obligation bonds that will be scheduled for placement on the November 2018 referendum.

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 2022 (2022-23 School Year)



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	4,545	-	-	4,545	-	4,545
Construction	-	-	-	-	-	40,875	-	40,875	-	40,875
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	4,545	40,875	-	45,420	-	45,420
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	4,545	40,875	-	45,420	-	45,420
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	4,545	40,875	-	45,420	-	45,420
Operating Impact (\$ in 1000s)										
Debt Service		-	-	-	-	452	2,049	2,501		
Total Impact		-	-	-	-	452	2,049	2,501		



(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 105,757 square foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 928, the elementary school will include classrooms, a media center, cafeteria, multipurpose room and two unlighted outdoor physical education fields.

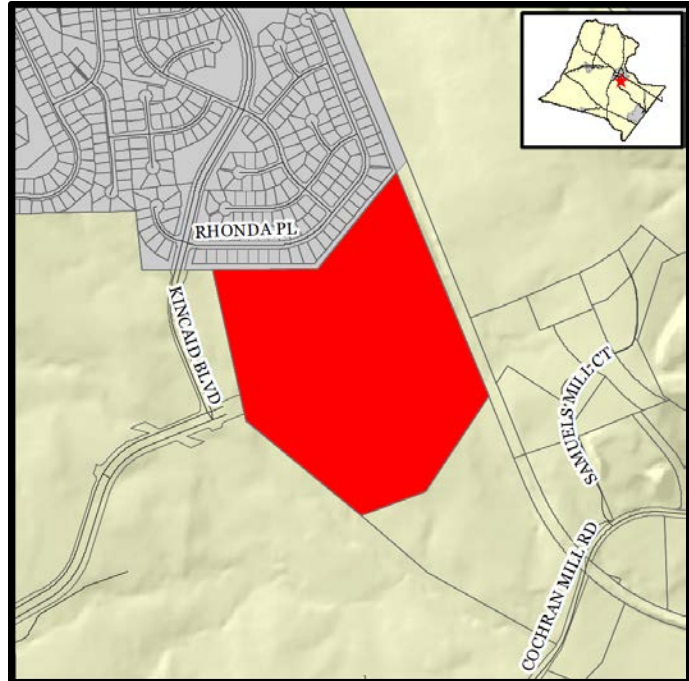
This project is funded using general obligation bonds that will be scheduled for placement on the November 2020 referendum.

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 2024 (2024-25 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	4,964	4,964	-	4,964
Construction	-	-	-	-	-	-	-	-	44,636	44,636
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	4,964	4,964	44,636	49,600
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	4,964	4,964	44,636	49,600
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	4,964	4,964	44,636	49,600

(ES-28) Dulles South Area Elementary School

Project Description

The elementary school will be built using the prototypical two-story elementary school design. The estimated 105,757 square foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 928, the elementary school will include classrooms, a media center, cafeteria, multipurpose room and two unlighted outdoor physical education fields. A traffic signal at the entrance of John Champe High School (Northstar Boulevard and Conejo Way intersection) is part of the funding for ES-28 and to be installed prior to the elementary school opening. An increase in student walkers, new residential development, and the scheduled construction of ES-28 make this an important pedestrian/traffic safety project. The traffic signal will facilitate safer traffic patterns and walking routes to both John Champe High School and ES-28.

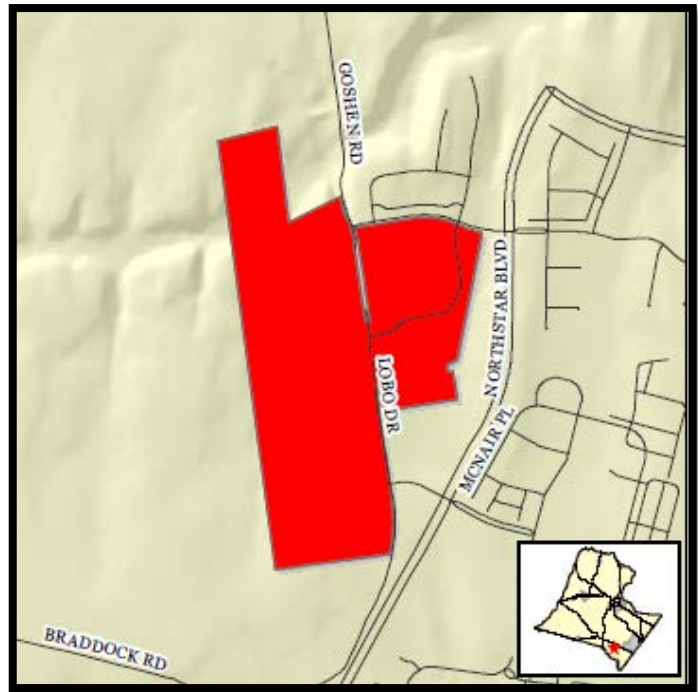
This project is funded using general obligation bonds that were approved on the November 2016 referendum.

Project Location

ES-28 will be located adjacent to John Champe High School (Dulles South Planning District).

Project Completion / Open Date

Fall 2018 (2018-19 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	2,000	36,770	-	-	-	-	-	36,770	-	38,770
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	2,000	36,770	-	-	-	-	-	36,770	-	38,770
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	2,000	36,770	-	-	-	-	-	36,770	-	38,770
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	2,000	36,770	-	-	-	-	-	36,770	-	38,770
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	1,408	2,991	3,318	3,232	10,949		
Total Impact		-	-	1,408	2,991	3,318	3,232	10,949		

(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 105,757 square foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 928, the elementary school will include classrooms, a media center, cafeteria, multipurpose room and two unlighted outdoor physical education fields.

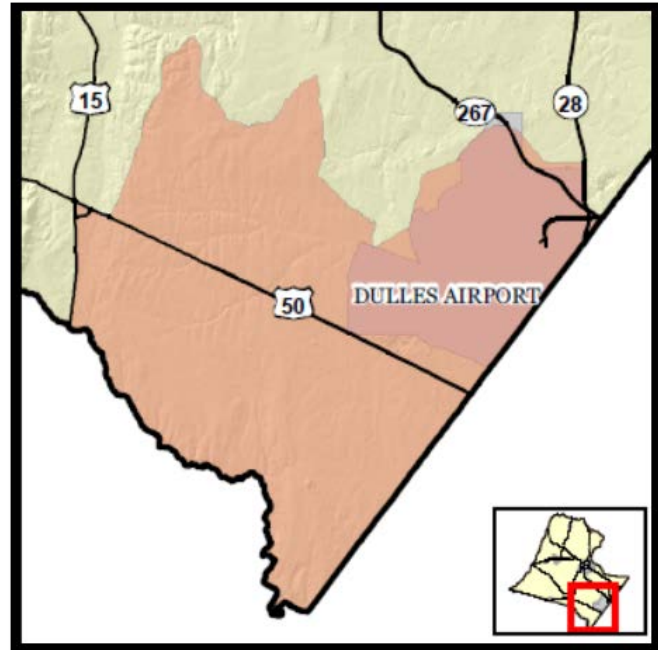
This project is funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.

Project Location

TBD/A 20-acre site will need to be acquired in the Dulles South planning district.

Project Completion / Open Date

Fall 2023 (2023-24 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	4,750	-	4,750	-	4,750
Construction	-	-	-	-	-	-	42,714	42,714	-	42,714
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	4,750	42,714	47,464	-	47,464
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	4,750	42,714	47,464	-	47,464
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	4,750	42,714	47,464	-	47,464
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	239	239		
Total Impact		-	-	-	-	-	239	239		

(ES-31) Dulles North Area Elementary School

Project Description

The elementary school will be built using the prototypical two-story elementary school design. The estimated 105,757 square foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 928, the elementary school will include classrooms, a media center, cafeteria, multipurpose room and two unlighted outdoor physical education fields.

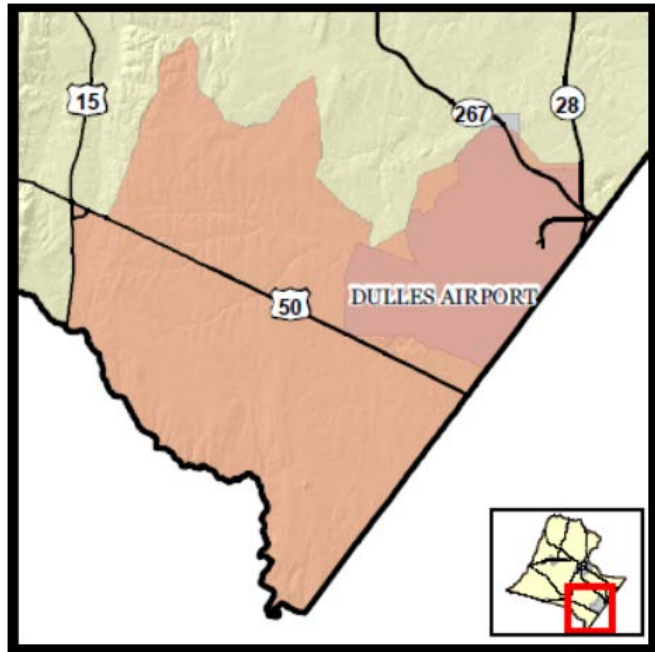
This project is funded using general obligation bonds that were approved on the November 2015 referendum.

Project Location

TBD/A 20-acre site will need to be acquired in the Dulles North planning district.

Project Completion / Open Date

Fall 2019 (2019-20 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	1,915	-	-	-	-	-	-	-	-	1,915
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	37,895	-	-	-	-	37,895	-	37,895
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	1,915	-	37,895	-	-	-	-	37,895	-	39,810
Local Tax Funding	-	-	1,540	-	-	-	-	1,540	-	1,540
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	1,915	-	36,355	-	-	-	-	36,355	-	38,270
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	1,915	-	37,895	-	-	-	-	37,895	-	39,810
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	1,370	3,516	3,881	3,767	12,534		
Total Impact		-	-	1,370	3,516	3,881	3,767	12,534		

(ES-34) Dulles North Area Elementary School

Project Description

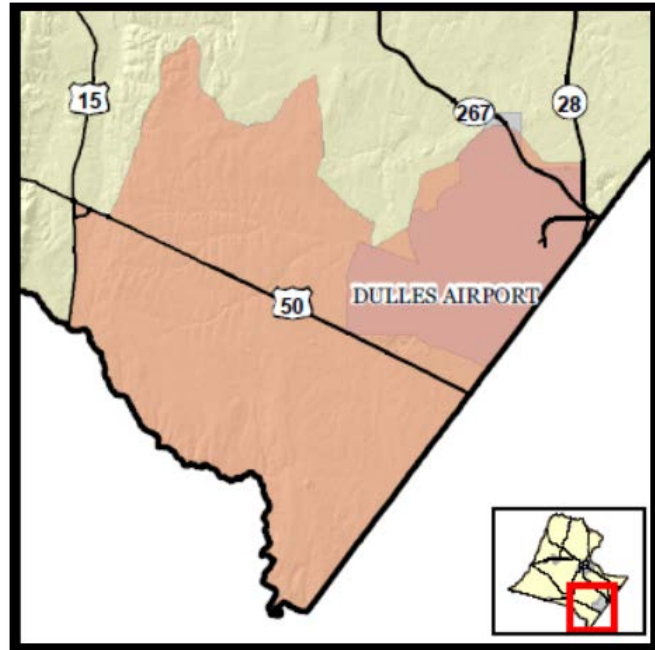
The elementary school will be built using the prototypical two-story elementary school design. The estimated 105,757 square foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 928, the elementary school will include classrooms, a media center, cafeteria, multipurpose room and two unlighted outdoor physical education fields.

Project Location

TBD/A 20-acre site will need to be acquired in the Dulles North planning district.

Project Completion / Open Date

Fall 2028 (2028-29 School Year)



Capital (\$ in 1000s)	Prior							6 Year	Future	Project
	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	5,919	5,919
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	5,919	5,919
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	5,919	5,919
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	5,919	5,919

Three-Classroom Addition Steuart W. Weller Elementary School

Project Description

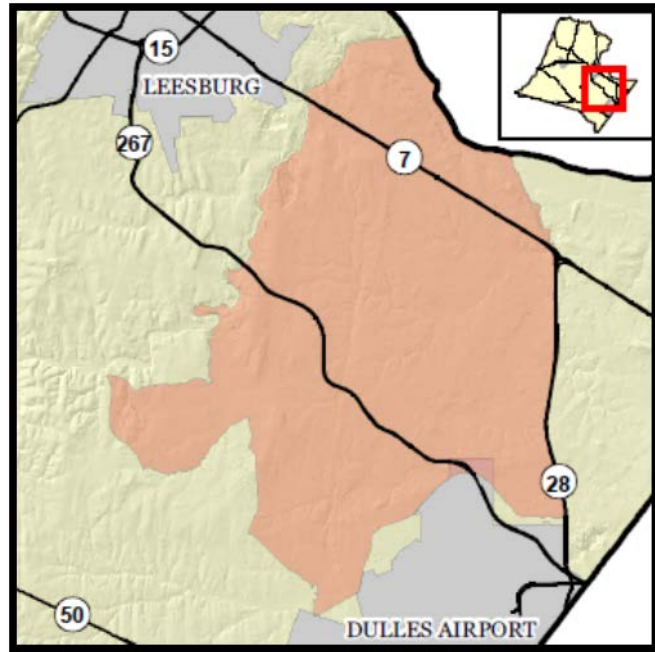
A three-classroom addition, of approximately 4,300 square feet, at Steuart W. Weller Elementary School will facilitate the expansion of full-day kindergarten or other elementary instruction needs.

Project Location

Steuart W. Weller Elementary School

Project Completion / Open Date

Fall 2021 (2021-22 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	2,971	-	-	2,971	-	2,971
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	2,971	-	-	2,971	-	2,971
Local Tax Funding	-	-	-	-	2,971	-	-	2,971	-	2,971
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	-	-	-	-	2,971	-	-	2,971	-	2,971

Three-Classroom Additions Phases I & II

Elementary Schools Throughout the County

Phase I – Project Description

Six (6) three-classroom additions, approximately 4,300 square foot classroom additions per school (25,000 square feet total), will facilitate the expansion of full-day kindergarten or other elementary instruction needs.

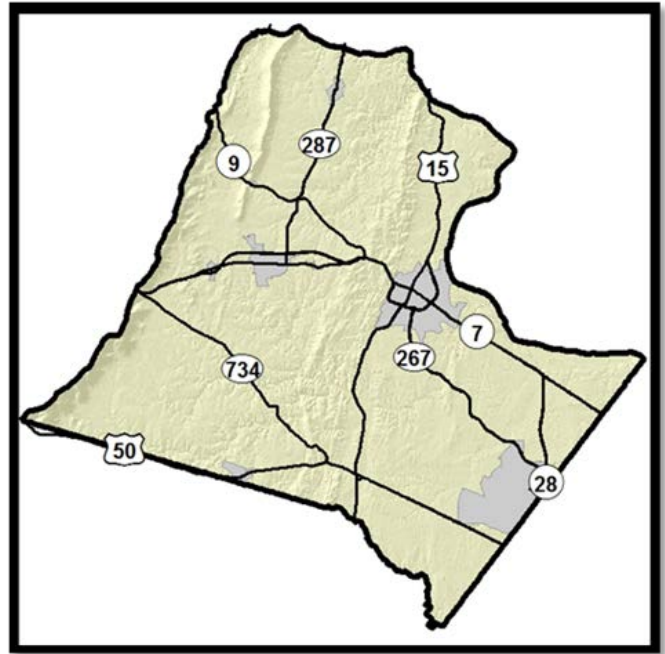
This project is funded using general obligation bonds that were approved on the November 2016 referendum.

Locations

Arcola Elementary School
 Creighton's Corner Elementary School
 Legacy Elementary School
 Liberty Elementary School
 Pinebrook Elementary School
 Rosa Lee Carter Elementary School

Completion

Fall 2018 (2018-19 School Year)



Phase II – Project Description

Five (5) three-classroom additions are proposed for elementary schools to be determined. The approximate 4,300 square foot classroom additions per school (21,500 square feet total) 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.

Locations

TBD/Five (5) Elementary Schools

Completion

Fall 2022 (2022-23 School Year)

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	16,320	-	-	-	15,520	-	31,840	-	31,840
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	16,320	-	-	-	15,520	-	31,840	-	31,840
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	16,320	-	-	-	15,520	-	31,840	-	31,840
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	-	16,320	-	-	-	15,520	-	31,840	-	31,840
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	511	511		
Total Impact		-	-	-	-	-	511	511		



Elementary School Renovation 1

Project Description

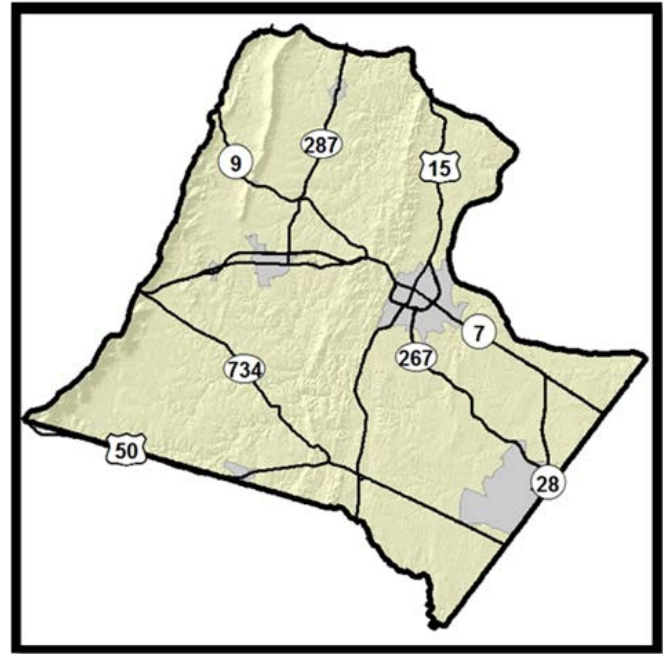
Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar 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. School site identification will be determined by fall, 2021.

Project Location

TBD

Project Completion / Open Date

Fall 2025 (2025-26 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	2,804	2,804
Construction	-	-	-	-	-	-	-	-	32,472	32,472
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	35,276	35,276
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	35,276	35,276
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	35,276	35,276



Elementary School Renovation 2

Project Description

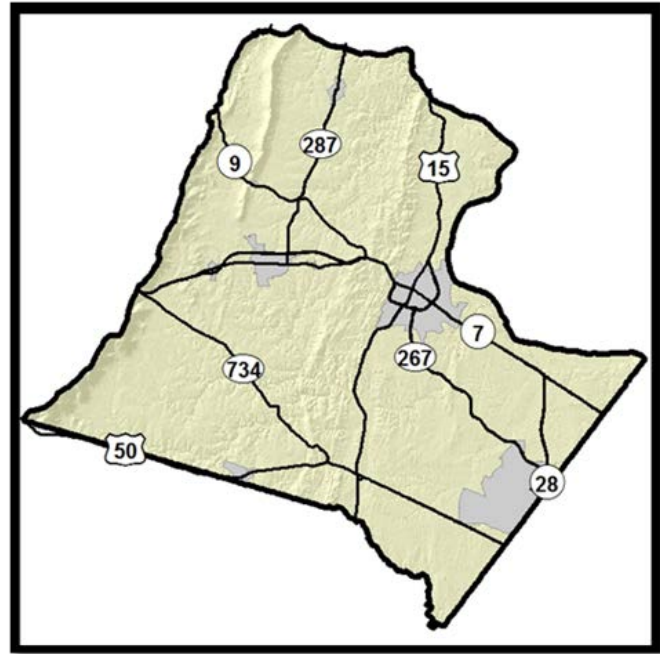
Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar 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. School site identification will be determined by fall, 2022.

Project Location

TBD

Project Completion / Open Date

Fall 2026 (2026-27 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	2,931	2,931
Construction	-	-	-	-	-	-	-	-	33,934	33,934
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	36,865	36,865
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	36,865	36,865
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	36,865	36,865

Elementary School Renovations 3 and 4

Project Description

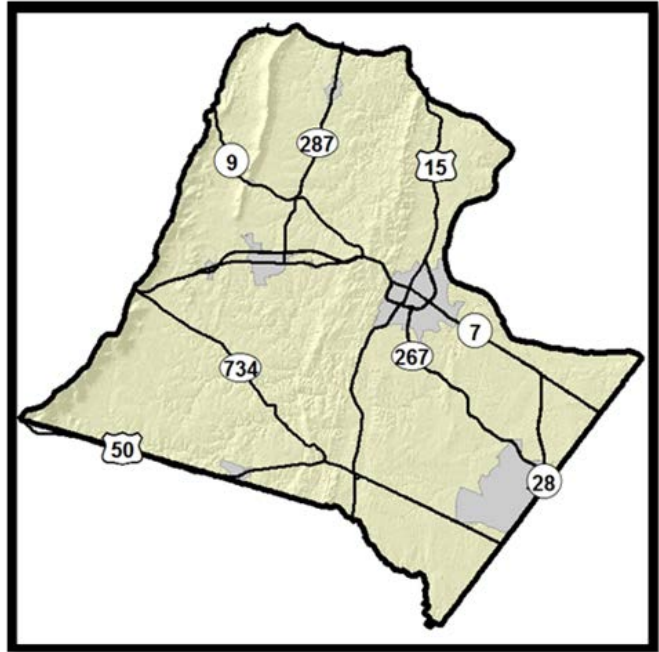
Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar 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. School site identification will be determined by fall, 2023.

Project Location

TBD

Project Completion / Open Date

Fall 2027 (2027-28 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	6,124	6,124
Construction	-	-	-	-	-	-	-	-	70,922	70,922
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	77,046	77,046
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	77,046	77,046
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	77,046	77,046



Elementary School Renovations 5 and 6

Project Description

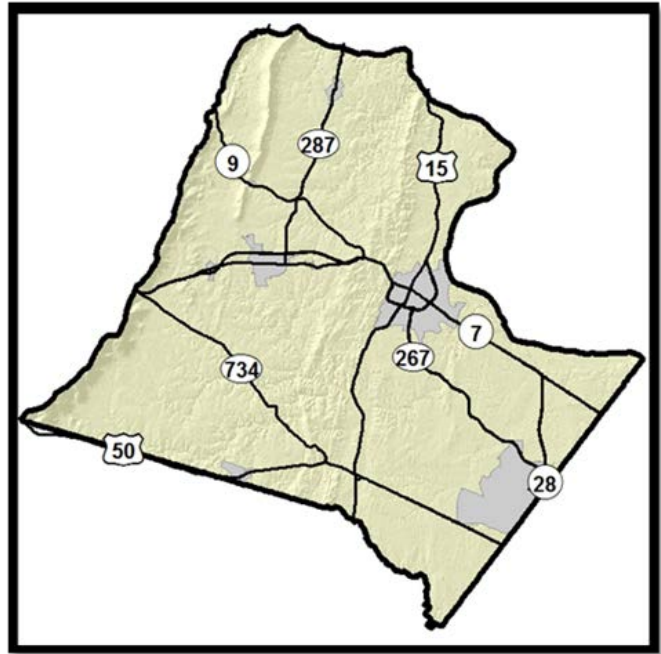
Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar 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. School site identification will be determined by fall, 2024.

Project Location

TBD

Project Completion / Open Date

Fall 2028 (2028-29 School Year)



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	6,400	6,400
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	6,400	6,400
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	6,400	6,400
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	6,400	6,400



Capital Improvement Program

FY 2018 Adopted Budget

Middle Schools



Capital Improvement Program by Functional Area

Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
---------	----------------	---------------	---------	---------	---------	---------	---------	---------	-----------------	----------------	--------------

Middle Schools

Projects

(MS-7) Dulles South Area Middle School	3,000	57,820	-	-	-	-	-	-	57,820	-	60,820
Renovation 1 Middle School	-	-	-	-	-	-	-	-	-	98,064	98,064
Budgetary Cost	3,000	57,820	-	-	-	-	-	-	57,820	98,064	158,884

Funding Source

General Obligation Bonds	3,000	57,820	-	-	-	-	-	-	57,820	98,064	158,884
Total Funding Source	3,000	57,820	-	-	-	-	-	-	57,820	98,064	158,884

(MS-7) Dulles South 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.

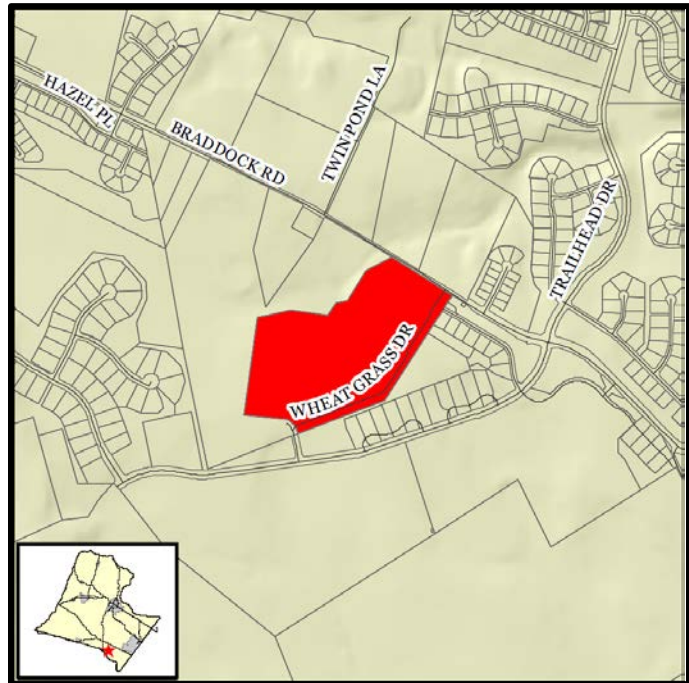
This project is funded using general obligation bonds that were approved on the November 2016 referendum.

Project Location

MS-7 will be located on a purchased site on Braddock Road, in Aldie (Dulles South Planning District).

Project Completion / Open Date

Fall 2018 (2018-19 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	3,000	12,435	-	-	-	-	-	12,435	-	15,435
Construction	-	38,985	-	-	-	-	-	38,985	-	38,985
Furniture, Fixtures & Equip	-	6,400	-	-	-	-	-	6,400	-	6,400
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	3,000	57,820	-	-	-	-	-	57,820	-	60,820
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	3,000	57,820	-	-	-	-	-	57,820	-	60,820
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	3,000	57,820	-	-	-	-	-	57,820	-	60,820
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	2,451	3,869	5,545	5,388	17,253		
Total Impact		-	-	2,451	3,869	5,545	5,388	17,253		



Middle School Renovation 1

Project Description

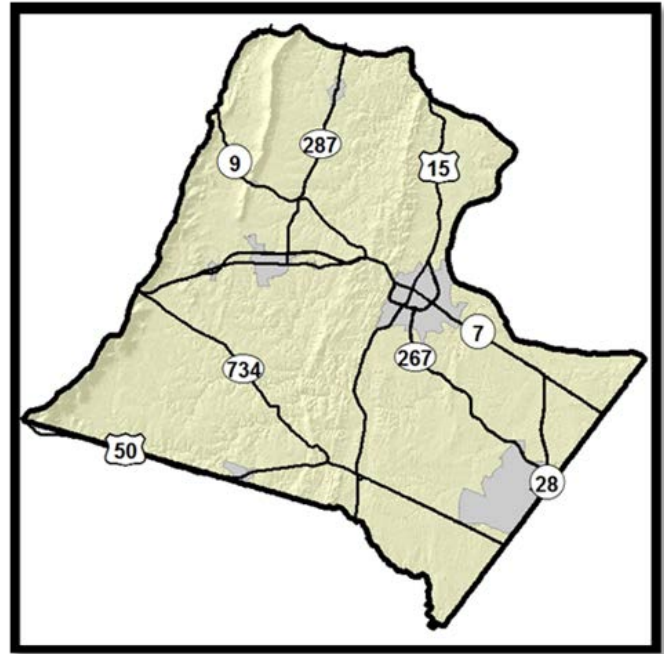
Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar 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. School site identification will be determined by fall, 2023.

Project Location

TBD

Project Completion / Open Date

Fall 2028 (2028-29 School Year)



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	7,578	7,578
Construction	-	-	-	-	-	-	-	-	90,486	90,486
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	98,064	98,064
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	98,064	98,064
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	98,064	98,064



Capital Improvement Program

FY 2018 Adopted Budget

High Schools



Capital Improvement Program by Functional Area

Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
High Schools											
Projects											
CS Monroe Conversion		-	1,750	-	1,829	61,364	-	-	64,943	-	64,943
Douglas School Renovations											
Naval JROTC Facility		-	3,130	-	-	-	-	-	3,130	-	3,130
Loudoun County High School											
(HS-9) Dulles South Area		-	3,505	113,247	8,788	-	-	-	125,540	-	125,540
High School											
(HS-11) Dulles North Area		6,045	115,825	-	-	-	-	-	115,825	-	121,870
High School											
Baseball/Softball Press Boxes		-	-	-	-	-	-	-	-	3,203	3,203
(5 Schools)											
Tennis Court Lighting		-	-	-	-	-	-	-	-	11,240	11,240
(15 Schools)											
Synthetic Turf & Track Resurfacing		-	3,800	-	4,148	-	-	-	7,948	-	7,948
(4 Schools)											
Weight Room Expansions		-	-	-	-	-	-	-	-	6,543	6,543
(3 Schools)											
Renovation 1		-	-	-	-	-	-	-	-	11,341	11,341
High School											
Modular Classrooms (8)		-	1,480	-	-	-	-	-	1,480	-	1,480
Dulles North & South											
Modular Classroom (10)		-	-	-	-	-	-	320	320	-	320
Removal - Briar Woods											
Budgetary Cost		6,045	129,490	113,247	14,765	61,364	-	320	319,186	32,327	357,558

Funding Source

Local Tax Funding	-	14,425	3,500	10,000	-	-	320	28,245	3,203	31,448
General Obligation Bonds	6,045	110,185	109,747	4,765	61,364	-	-	286,061	29,124	321,230
Proffers (Cash)	-	4,880	-	-	-	-	-	4,880	-	4,880
Total Funding Source	6,045	129,490	113,247	14,765	61,364	-	320	319,186	32,327	357,558



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.

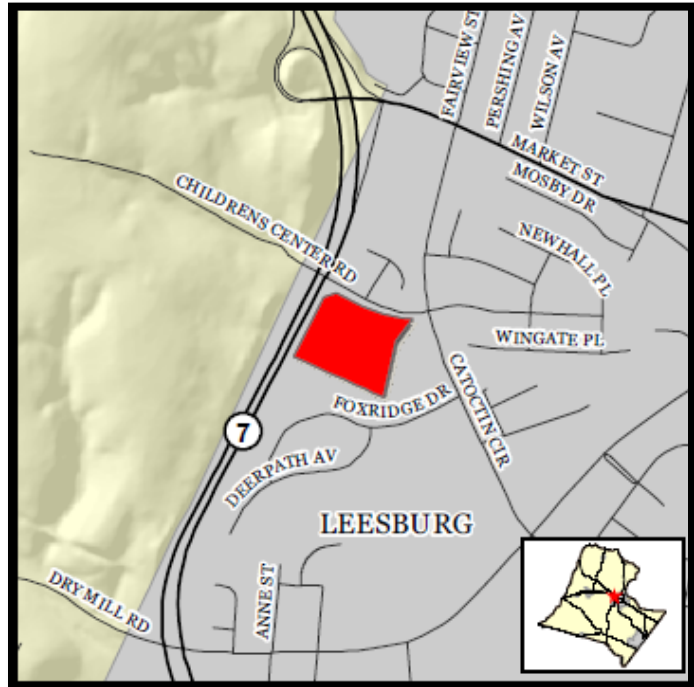
This project is funded using general obligation bonds that will be scheduled for placement on the November 2017 referendum.

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)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	1,829	-	-	-	1,829	-	1,829
Construction	-	1,750	-	-	61,364	-	-	63,114	-	63,114
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	1,750	-	1,829	61,364	-	-	64,943	-	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	-	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	-	-	64,943	-	64,943
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	182	1,659	4,381	6,222		
Total Impact		-	-	-	182	1,659	4,381	6,222		

Loudoun County High School Naval JROTC Facility Renewal

Project Description

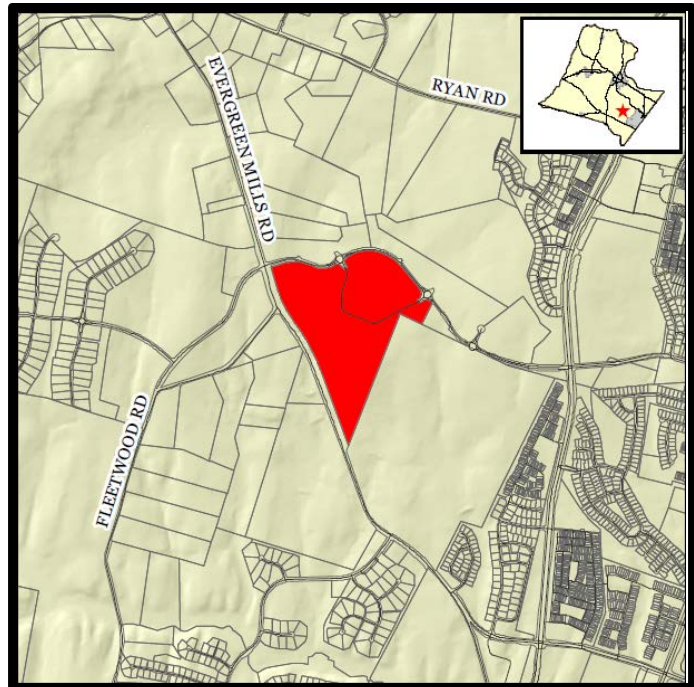
The Loudoun County High School Naval JROTC facility project will provide upgrades to the facility to meet the current program plan. The HVAC (Heating, Ventilation and Air Conditioning) system will be replaced; data/voice, electric and lighting improvements will be made; new windows will be installed; a new front façade will be constructed involving the removal of the garage doors; and low voltage systems including PA (Public Address), CCTV (Closed Circuit TV), fire alarm and security will be upgraded.

Project Location

Loudoun County High School

Project Completion / Open Date

Fall 2018 (2018-19 School Year)



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	3,130	-	-	-	-	-	3,130	-	3,130
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	3,130	-	-	-	-	-	3,130	-	3,130
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	3,130	-	-	-	-	-	3,130	-	3,130
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	3,130	-	-	-	-	-	3,130	-	3,130

(HS-9) Dulles South Area High School

Project Description

The high school will be built using the prototypical two-story high school design. The estimated 282,064 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.

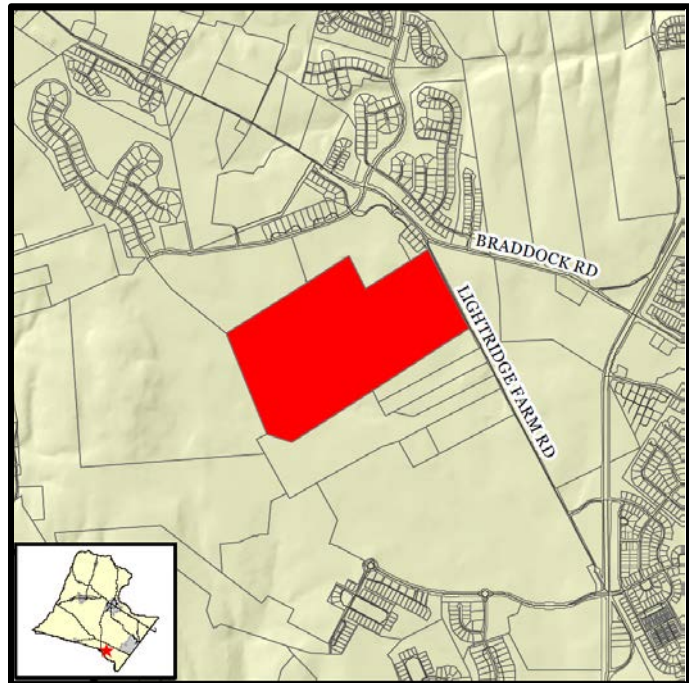
This project is funded using general obligation bonds that were approved on the November 2016 referendum.

Project Location

TBD/A 75-acre site will need to be acquired in the Dulles South planning district.

Project Completion / Open Date

Fall 2020 (2020-21 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	3,505	4,027	-	-	-	-	7,532	-	7,532
Construction	-	-	109,220	-	-	-	-	109,220	-	109,220
Furniture, Fixtures & Equip	-	-	-	8,788	-	-	-	8,788	-	8,788
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	3,505	113,247	8,788	-	-	-	125,540	-	125,540
Local Tax Funding	-	-	3,500	8,788	-	-	-	12,288	-	12,288
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	3,505	109,747	-	-	-	-	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	-	3,505	113,247	8,788	-	-	-	125,540	-	125,540
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	1,569	5,190	8,899	10,581	26,239		
Total Impact		-	-	1,569	5,190	8,899	10,581	26,239		



(HS-11) Dulles North Area High School

Project Description

The high school will be built using the prototypical two-story high school design. The estimated 282,064 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.

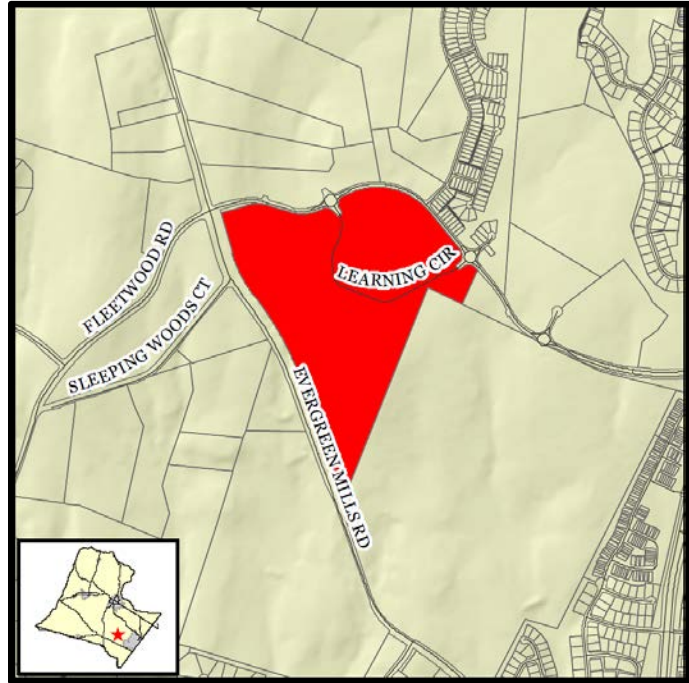
This project is funded using general obligation bonds that were approved on the November 2015 referendum.

Project Location

HS-11 will be located on a proffered site within the Brambleton development and co-located with Brambleton MS/MS-9 (Dulles North Planning District).

Project Completion / Open Date

Fall 2019 (2019-20 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	3,045	-	-	-	-	-	-	-	-	3,045
Professional Services	3,000	18,400	-	-	-	-	-	18,400	-	21,400
Construction	-	89,025	-	-	-	-	-	89,025	-	89,025
Furniture, Fixtures & Equip	-	8,400	-	-	-	-	-	8,400	-	8,400
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	6,045	115,825	-	-	-	-	-	115,825	-	121,870
Local Tax Funding	-	9,145	-	-	-	-	-	9,145	-	9,145
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	6,045	106,680	-	-	-	-	-	106,680	-	112,725
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	6,045	115,825	-	-	-	-	-	115,825	-	121,870
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	2,651	4,684	8,661	8,421	24,417		
Total Impact		-	-	2,651	4,684	8,661	8,421	24,417		

High School Baseball/Softball Press Boxes (5 Schools)

Project Description

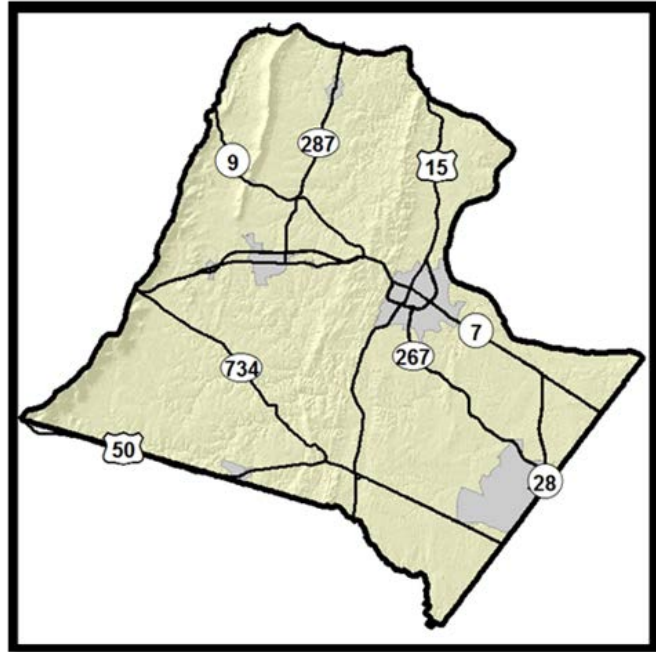
The project will involve the construction of ten (10) new press boxes, including storage space, at the baseball and softball fields at Dominion, Heritage, Loudoun County, Park View, and Potomac Falls High Schools.

Project Location

Five (5) High Schools/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)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	3,203	3,203
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	3,203	3,203
Local Tax Funding	-	-	-	-	-	-	-	-	3,203	3,203
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	-	-	-	-	-	-	-	-	3,203	3,203

High School Tennis Court Lighting (15 Schools)

Project Description

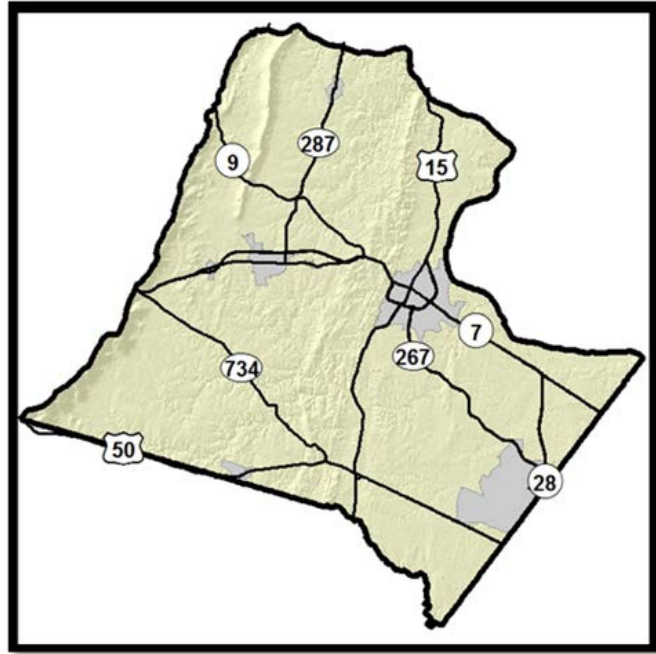
Beginning with FY2023, over a three year period, funding is requested to provide for the placement of tennis court lights at each existing LCPS high school; lighting at five schools will be completed each fiscal year over the three-year period. The installation of lights will allow teams to wait out 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. School site identification for the tennis court improvements, by fiscal year, will be determined by fall 2021.

Project Location

Fifteen (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 (5) Schools per year, beginning Fall 2024 (2024-25 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	11,240	11,240
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	11,240	11,240
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	11,240	11,240
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	11,240	11,240



High School Stadium Synthetic Turf & Track Resurfacing (4 Schools)

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.

Phase I

Locations

Dominion High School
Heritage High School

Completion

Fall 2017 (2017-18 School Year)

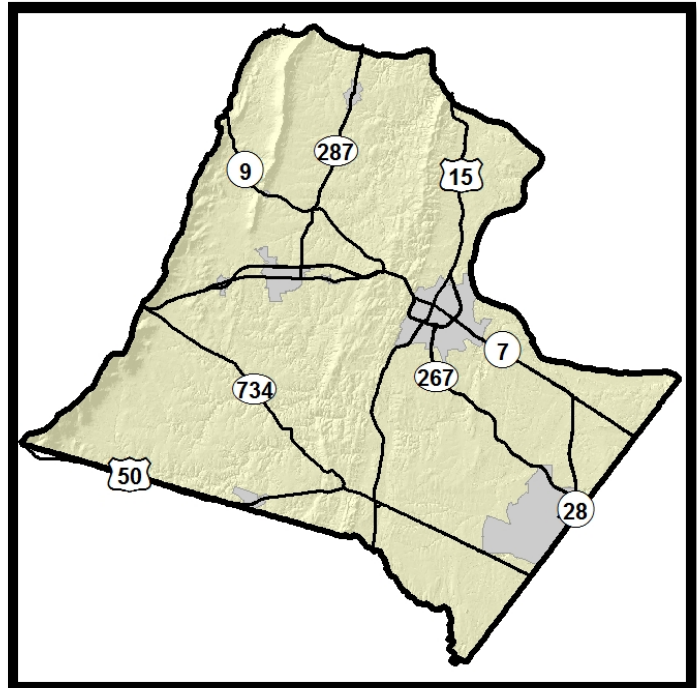
Phase II

Location

Briar Woods High School
Freedom High School

Completion

Fall 2019 (2019-20 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	3,800	-	4,148	-	-	-	7,948	-	7,948
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	3,800	-	4,148	-	-	-	7,948	-	7,948
Local Tax Funding	-	3,800	-	1,212	-	-	-	5,012	-	5,012
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	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	-	-	-	5,012	-	5,012

High School Weight Room Expansions (3 Schools)

Project Description

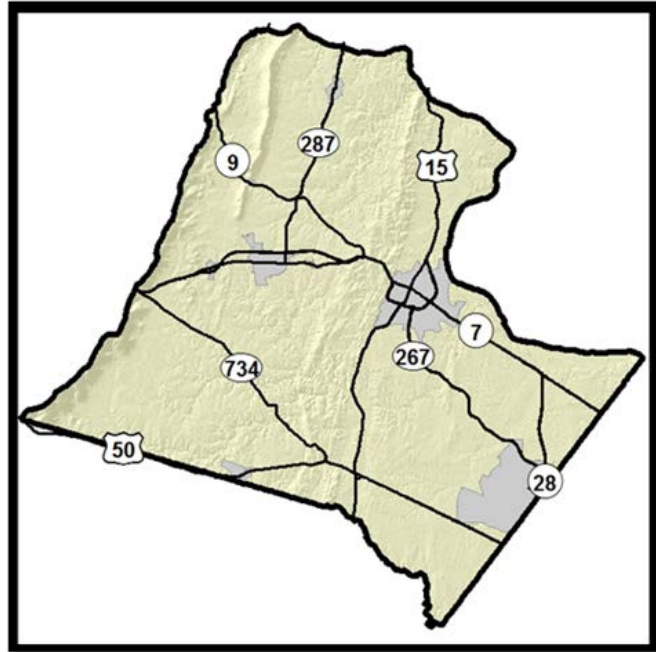
Expansion of the existing weight rooms at Dominion High School, Heritage High School and Potomac Falls High School is recommended to accommodate the increased participation and team/sport opportunities at the high school level. Current prototype high schools have additional space to address the increased need.

Project Location

Three (3) High Schools/Dominion High School, Heritage High School, Potomac Falls High School

Project Completion / Open Date

Fall 2024 (2024-25 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	6,543	6,543
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	6,543	6,543
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	6,543	6,543
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	6,543	6,543

High School Renovation 1

Project Description

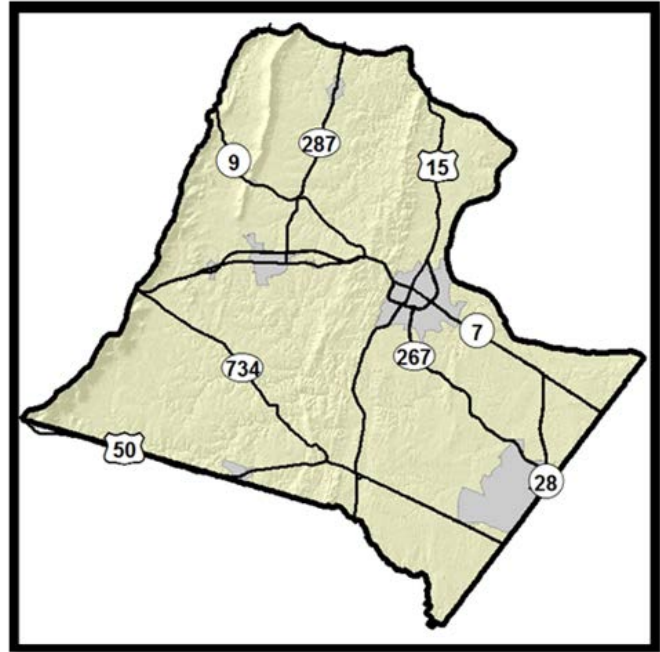
Renovations, repairs and updates will be undertaken to critical systems (which include heat, air conditioning, boiler and water systems in addition to pipes, lighting fixtures and other related utilities) and renewal and restoration items (typically surfaces, roofs, carpet, painting, windows and similar 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. School site identification will be determined by fall, 2024.

Project Location

TBD

Project Completion / Open Date

Fall 2029 (2029-30 School Year)



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	11,341	11,341
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	11,341	11,341
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	11,341	11,341
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	11,341	11,341

Modular Classrooms (8) – Dulles North & Dulles South Areas

Project Description

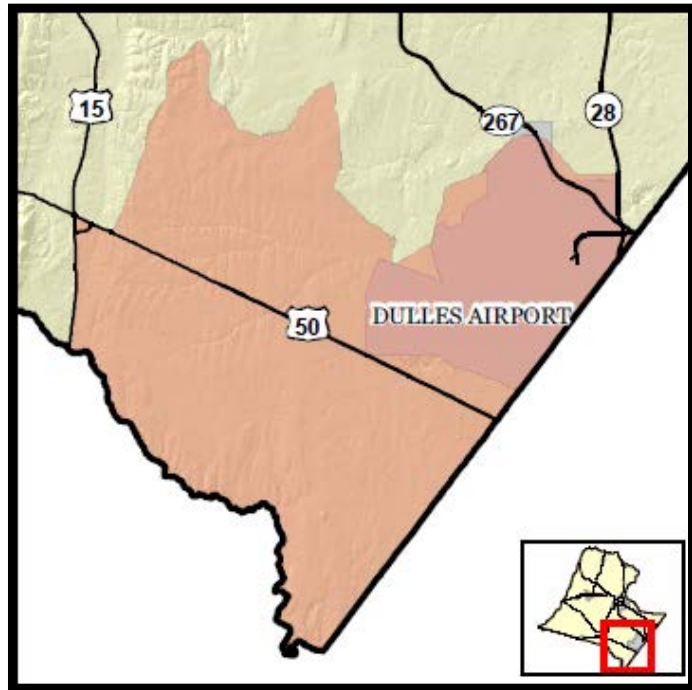
Eight (8) modular classrooms will be used to provide classroom space for projected overcrowding at LCPS facilities in Dulles North and Dulles South, to be placed on site by the start of the 2017-18 academic year. The school site location(s) for the eight (8) classrooms will be determined during fall, 2016 to address space needs for high growth schools.

Project Location

TBD

Project Completion / Open Date

Fall 2017 (2017-18 School Year)



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	1,480	-	-	-	-	-	1,480	-	1,480
Total Cost	-	1,480	-	-	-	-	-	1,480	-	1,480
Local Tax Funding	-	1,480	-	-	-	-	-	1,480	-	1,480
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	-	1,480	-	-	-	-	-	1,480	-	1,480



Modular Classroom Removal (10) – Briar Woods High School

Project Description

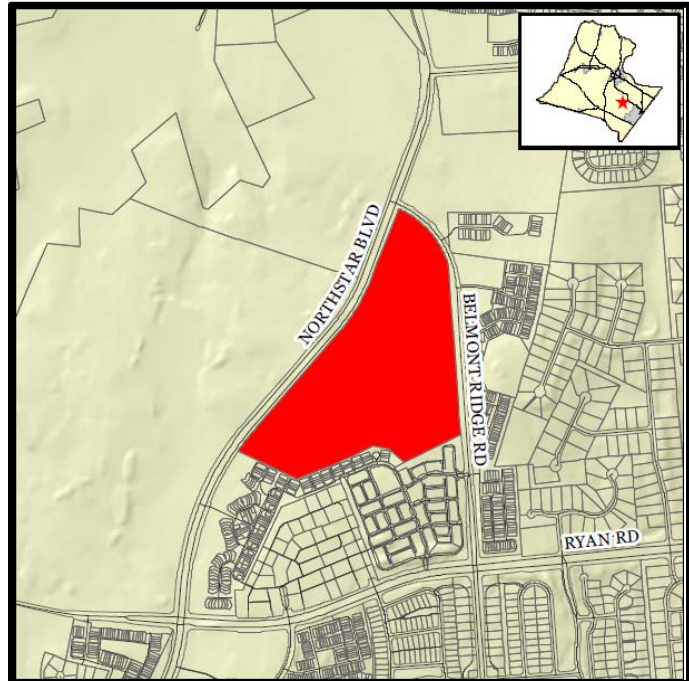
Funding is proposed to remove the ten (10) modular classrooms from the Briar Woods High School site at the end of the 2020-21 school year. The modulsars will not be available for relocation.

Project Location

Briar Woods High School

Project Completion / Open Date

Modulsars to be removed Summer 2021, prior to the start of the 2021-22 School Year.



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	320	320	-	320
Total Cost	-	-	-	-	-	-	320	320	-	320
Local Tax Funding	-	-	-	-	-	-	320	320	-	320
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	-	-	-	-	-	-	320	320	-	320





Capital Improvement Program

FY 2018 Adopted Budget

Division/Other School Projects



Capital Improvement Program by Functional Area

Schedule of Appropriations

Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
Division/Other School Projects											
Projects											
Division Security Improvements (60 Schools)	-	-	-	-	11,484	-	-	-	11,484	-	11,484
Joint Use Dry Bulk Storage Facility	-	-	-	-	-	-	4,280	-	4,280	-	4,280
Lovettsville Elementary School Bus/Visitor Parking	-	-	-	-	-	-	660	-	660	-	660
Lucketts Elementary School Wastewater Treatment Facility	-	-	-	-	-	3,932	-	-	3,932	-	3,932
School Bus Replacement and Acquisition	-	-	-	-	-	-	-	-	-	-	-
School Security Vestibules (75 Schools)	-	-	-	-	-	-	-	-	-	16,372	16,372
School Walking Tracks (18 Schools)	-	-	-	-	-	-	-	-	-	1,799	1,799
Staff Training Center Round Hill Support Facility Renovations	-	-	-	-	-	-	2,226	23,504	25,730	-	25,730
Student Welcome & Adult Education Center	-	-	-	-	-	-	-	-	-	1,182	1,182
Valley Service Center Replacement Kenneth W. Culbert School Bus Parking	-	-	-	-	-	-	-	-	-	28,727	28,727
Budgetary Cost	-	-	-	-	11,484	3,932	7,166	23,504	46,086	48,080	94,166
Funding Source											
Local Tax Funding	-	-	-	5,265	-	3,932	660	-	9,857	1,182	11,039
General Obligation Bonds	-	-	-	-	15,632	-	2,226	23,504	41,362	46,898	88,260
Lease Revenue Financing	-	-	-	-	-	-	4,280	-	4,280	-	4,280
Total Funding Source	-	-	-	5,265	15,632	3,932	7,166	23,504	55,499	48,080	103,579

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.

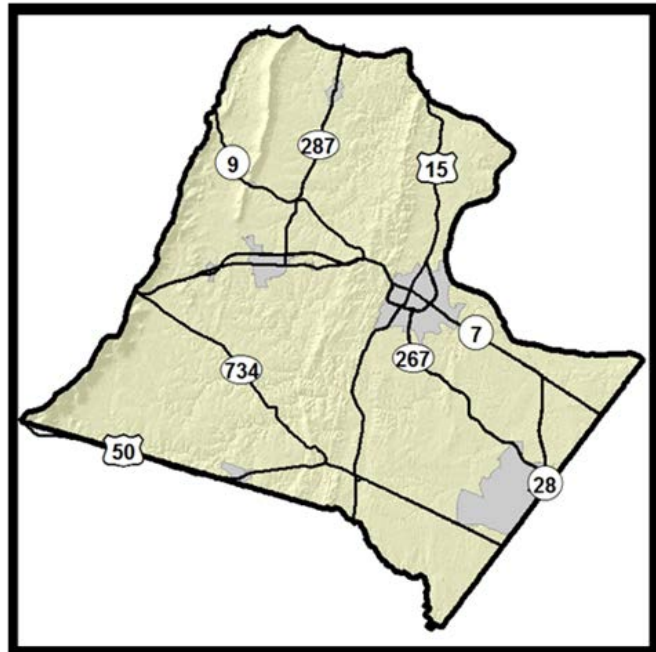
This project is funded using general obligation bonds that will be scheduled for placement on the November 2017 referendum.

Project Location

Various/38 Elementary Schools, 11 Middle Schools, 11 High Schools

Project Completion / Open Date

Phased, Beginning Fall 2020 (2020-21 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	11,484	-	-	-	11,484	-	11,484
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	11,484	-	-	-	11,484	-	11,484
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	11,484	-	-	-	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	-	-	-	11,484	-	-	-	11,484	-	11,484

Operating Impact (\$ in 1000s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Debt Service	-	-	-	289	570	844	1,703
Total Impact	-	-	-	289	570	844	1,703

Joint Use Dry Bulk Storage Facility

Project Description

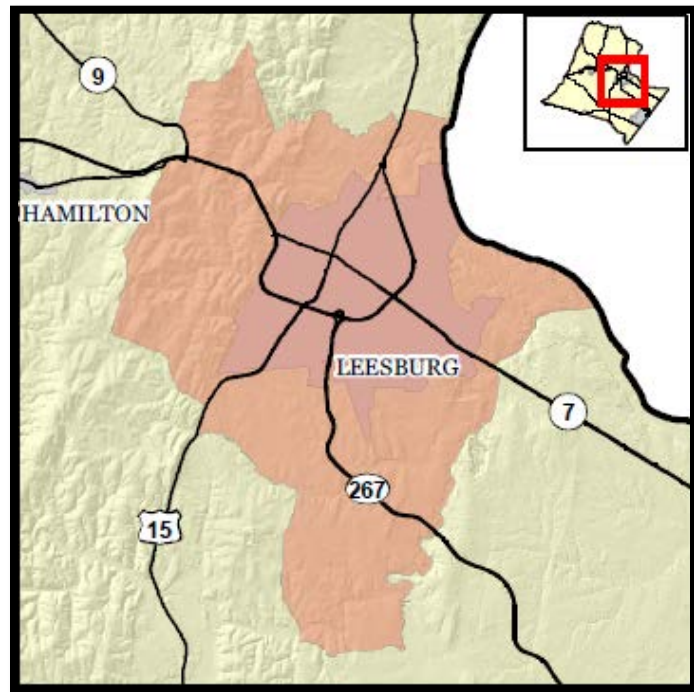
The dry bulk storage facility will be a joint use facility between LCPS and Loudoun County General Services. It will include dry storage for 6,000 tons of winter road mix materials and sand/manufactured sand to be used on LCPS and County owned/operated facility parking lots and driveways, as needed to 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							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
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)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	31	196	227		
Total Impact		-	-	-	-	31	196	227		



Lovettsville Elementary School – Bus/Visitor Parking

Project Description

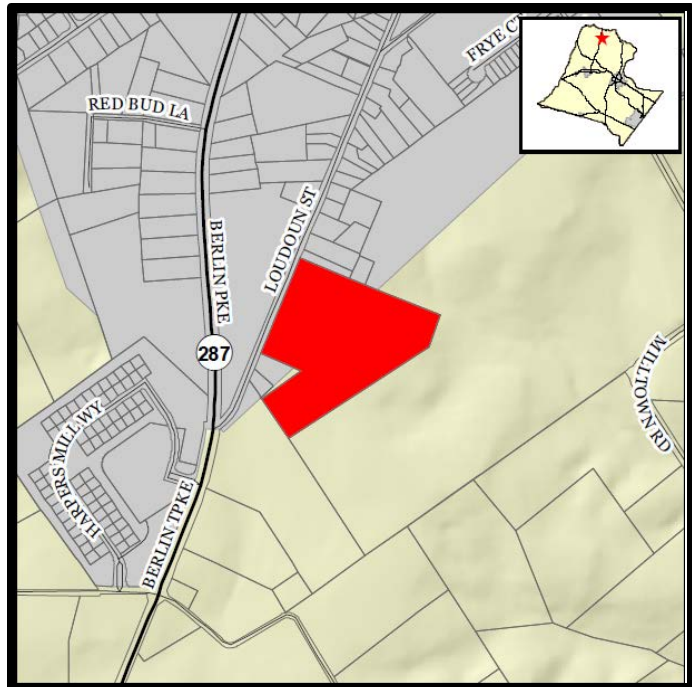
Parking improvements at Lovettsville Elementary School, for both buses and school visitors, will involve the addition of a new parking lot on the south side of the school building.

Project Location

Lovettsville Elementary School

Project Completion / Open Date

Fall 2022 (2022-23 School Year)



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	660	-	660	-	660
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	660	-	660	-	660
Local Tax Funding	-	-	-	-	-	660	-	660	-	660
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	-	-	-	-	-	660	-	660	-	660

Lucketts Elementary School – Wastewater Treatment Facility

Project Description

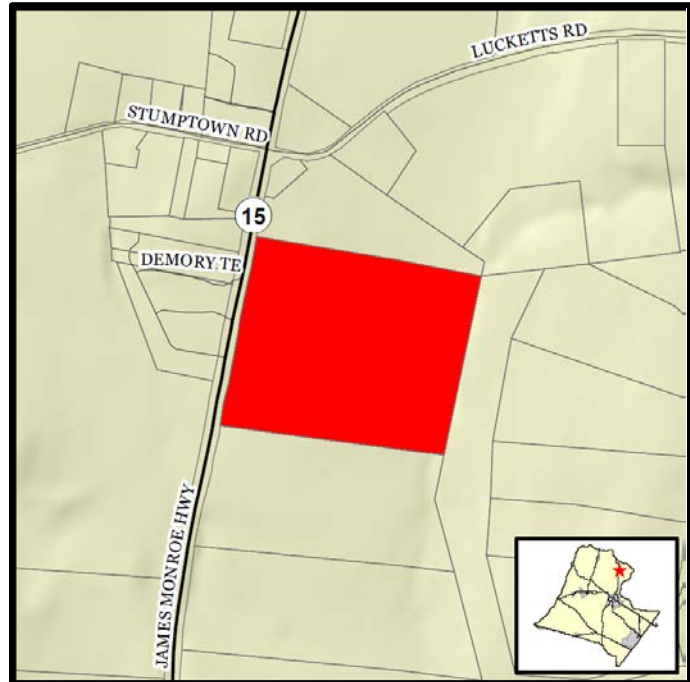
The Lucketts Wastewater Treatment Facility replacement will address not only the capacity requirements of the existing facility but also any future growth or expansion of the school up to the capacity for a new school, should that need arise. The center will support the Community Center and Fire & Emergency Services Center, as well as bring the plant into compliance for all wastewater and environmental permits and regulations by the Commonwealth of Virginia.

Project Location

Lucketts Elementary School

Project Completion / Open Date

Fall 2021 (2021-22 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	3,932	-	-	3,932	-	3,932
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	3,932	-	-	3,932	-	3,932
Local Tax Funding	-	-	-	-	3,932	-	-	3,932	-	3,932
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	-	-	-	-	3,932	-	-	3,932	-	3,932

School Bus Replacement and Acquisition

Project Description

This project is to provide funding for the replacement and acquisition of school buses. The Board of Supervisors approved this project at their March 7, 2017 Business Meeting, allocating \$4,265,000 in FY 2018 for the replacement of 34 buses. Subsequent funding actions were approved by the Board of Supervisors at their March 16, 2017 Business Meeting, programming \$4,148,000 in FY 2019, and at their March 20, 2017 Business Meeting, allocating an additional \$1,000,000 for FY 2018.

This project is funded using general obligation bonds that will be scheduled for placement on the November 2017 referendum.



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	5,265	4,148	-	-	-	9,413	-	9,413
Total Cost	-	-	5,265	4,148	-	-	-	9,413	-	9,413
Local Tax Funding	-	-	5,265	-	-	-	-	5,265	-	5,265
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	4,148	-	-	-	4,148	-	4,148
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	5,265	4,148	-	-	-	9,413	-	9,413
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	412	407	819		
Total Impact		-	-	-	-	412	407	819		

School Security Vestibules

Project Description

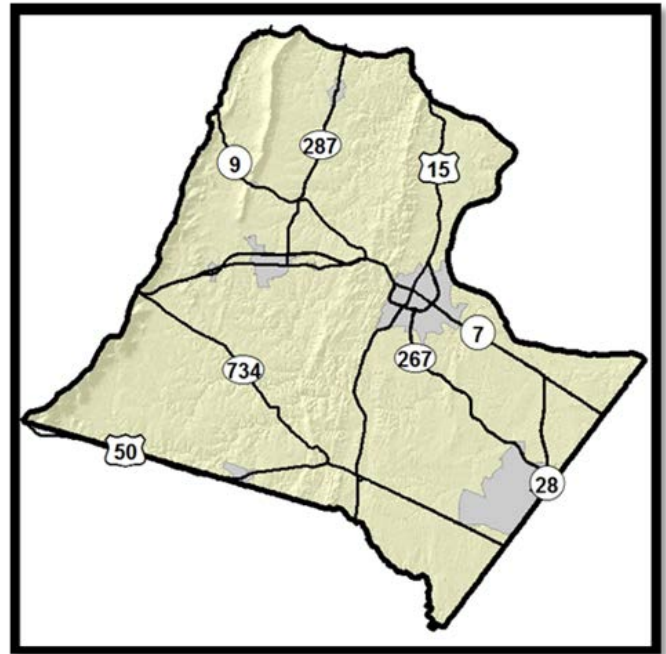
The plan would provide that all schools have similar secure entry paths so that all visitors to any school facility would have to check in with administrative office staff prior to traveling to any other part of the building. The project will significantly improve the security of LCPS buildings by improving the visitor management system for school facilities.

Project Location

Various/51 Elementary Schools, 11 Middle Schools, 13 High Schools

Project Completion / Open Date

Phased, Beginning Fall 2025 (2025-26 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	997	997
Construction	-	-	-	-	-	-	-	-	15,375	15,375
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	16,372	16,372
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	16,372	16,372
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	16,372	16,372

School Walking Tracks

Project Description

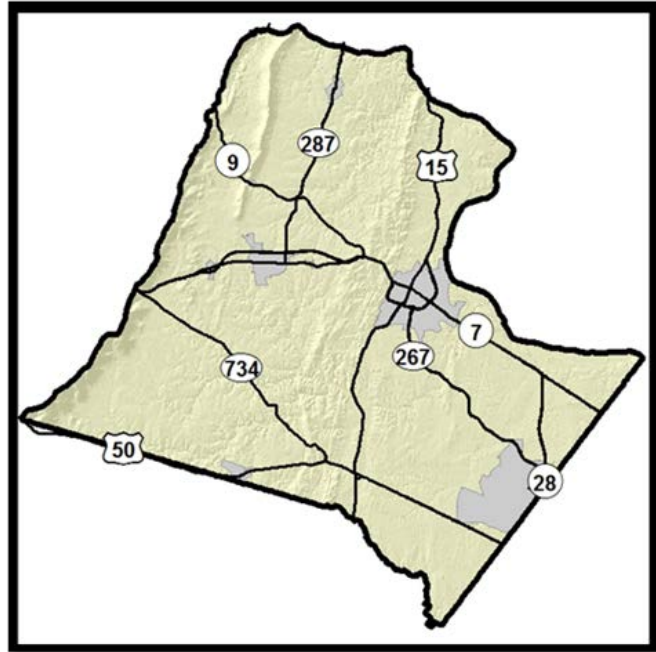
Beginning with FY 2024, and continuing with FY 2025, walking tracks at eighteen (18) schools are recommended to enhance the physical education instructional program at schools which currently do not have a track. Nine tracks would be completed with each fiscal year, School site identification for the walking path improvements, by fiscal year, will be determined by fall, 2022.

Project Location

Eighteen (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 (9) Schools per year, Fall 2025 (2025-26 School Year) & Fall 2026 (2026-27 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	1,799	1,799
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	1,799	1,799
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	1,799	1,799
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	1,799	1,799



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.

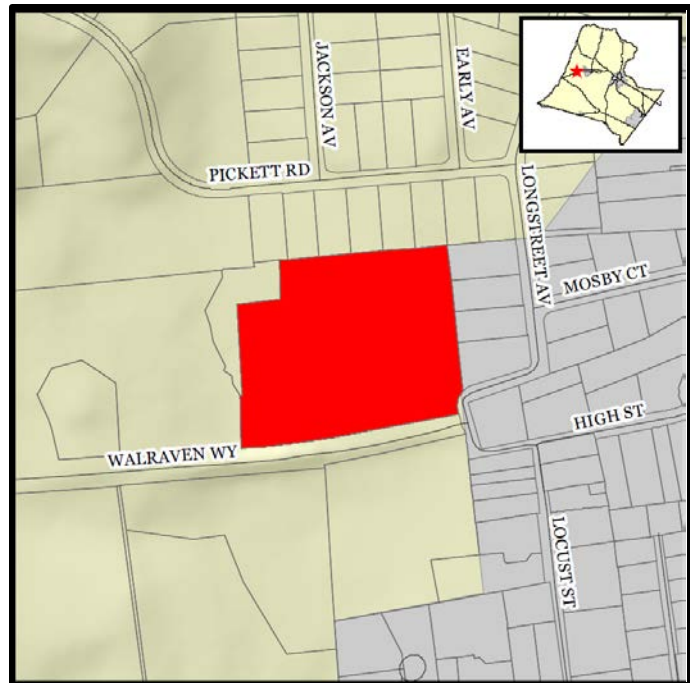
This project is funded using general obligation bonds that will be scheduled for placement on the November 2019 referendum.

Project Location

Staff Training Center/Round Hill Support Facility

Project Completion / Open Date

2023-24 School Year



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	2,226	-	2,226	-	2,226
Construction	-	-	-	-	-	-	23,504	23,504	-	23,504
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	2,226	23,504	25,730	-	25,730
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	2,226	23,504	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	-	-	-	-	-	2,226	23,504	25,730	-	25,730
Operating Impact (\$ in 1000s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total		
Debt Service		-	-	-	-	-	110	110		
Total Impact		-	-	-	-	-	110	110		

Student Welcome & Adult Education Center

Project Description

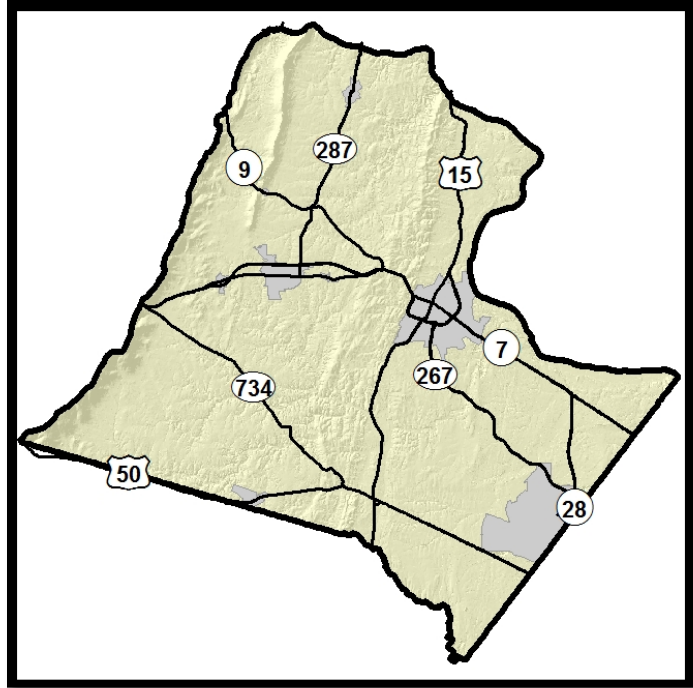
The establishment of a Student Welcome and Adult Education Center in eastern Loudoun will provide for a more efficient and effective delivery of services to Loudoun's limited English proficient public school students as well as provide much needed space for Adult Education programs. The Welcome Center 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 2023 (2023-24 School Year)



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	1,182	1,182
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	1,182	1,182
Local Tax Funding	-	-	-	-	-	-	-	-	1,182	1,182
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	-	-	-	-	-	-	-	-	-	-
Transit Fees	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Sale of Land	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	1,182	1,182



Valley Service Center Replacement – Kenneth W. Culbert Elementary School Bus Parking

Project Description

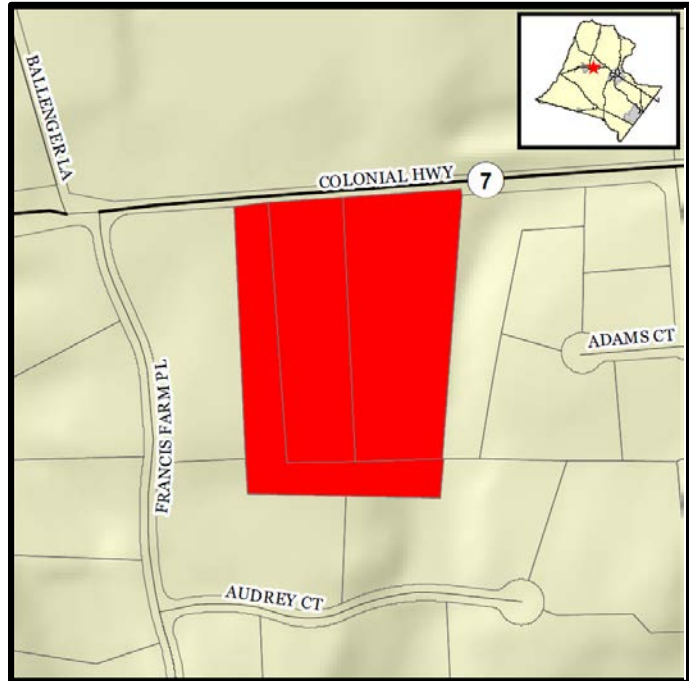
The leased Valley Service Center has been under LCPS operation for over a decade. The Loudoun County School Board is in the process of purchasing the property. LCPS bus maintenance utilizes a repair garage, constructed in 1952 for servicing agricultural farm equipment; this structure needs to be replaced 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.

Project Location

Valley Service Center, Kenneth W. Culbert Elementary School

Project Completion / Open Date

2025-26 School Year



Capital (\$ in 1000s)	Prior Alloc.	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	Project Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	1,654	1,654
Construction	-	-	-	-	-	-	-	-	27,073	27,073
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	-	28,727	28,727
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	28,727	28,727
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Fees	-	-	-	-	-	-	-	-	-	-
Local Gasoline Tax	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	-	-	28,727	28,727



Debt Service Fund

FY 2018 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 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 2018 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 2018 on debt scheduled to be issued in FY 2018, and certain costs of issuance incurred on that debt.

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 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures				
Debt Service on County Projects	\$41,645,890	\$49,424,108	\$58,848,937	\$73,500,342
Debt Service on School Projects	126,644,640	134,882,962	131,169,197	138,234,934
Transfers to Other Funds ¹	25,743,102	125,110	130,421	134,334
Payments to Refunded Bond Escrow ²	98,866,724	-	-	-
Costs of Issuance and Other Fees ³	2,244,074	640,000	640,000	640,000
Total – Expenditures	\$295,144,430	\$185,072,180	\$190,788,555	\$212,509,610
Revenues				
Use of Fund Balance	-	\$15,000,000	\$8,000,000	\$8,000,000
Interest Earnings	\$689,592	225,000	225,000	225,000
Interest Rebate – Build America Bonds	962,540	630,000	630,000	630,000
Transfers from Other Funds ⁴	16,707,921	1,310,141	1,680,522	8,369,515
Bond Issuance Premium and Refunding Proceeds ⁵	117,770,122	-	-	-
Total – Revenues	\$136,130,175	\$17,165,141	\$10,535,522	\$17,224,515
Local Tax Funding⁶	\$159,014,255	\$167,907,039	\$180,253,033	\$195,285,095

¹ Transfers include the use of premium sent to the Schools and County Capital Projects Fund or the General Fund.

² Proceeds of refunded bonds in FY 2016 were sent to the Trustee to be held until the call date of the bonds.

³ FY 2016 Cost of issuance and Other Fees includes Underwriter's Discount fees that are deducted directly from bond proceeds. These fees do not require an appropriation.

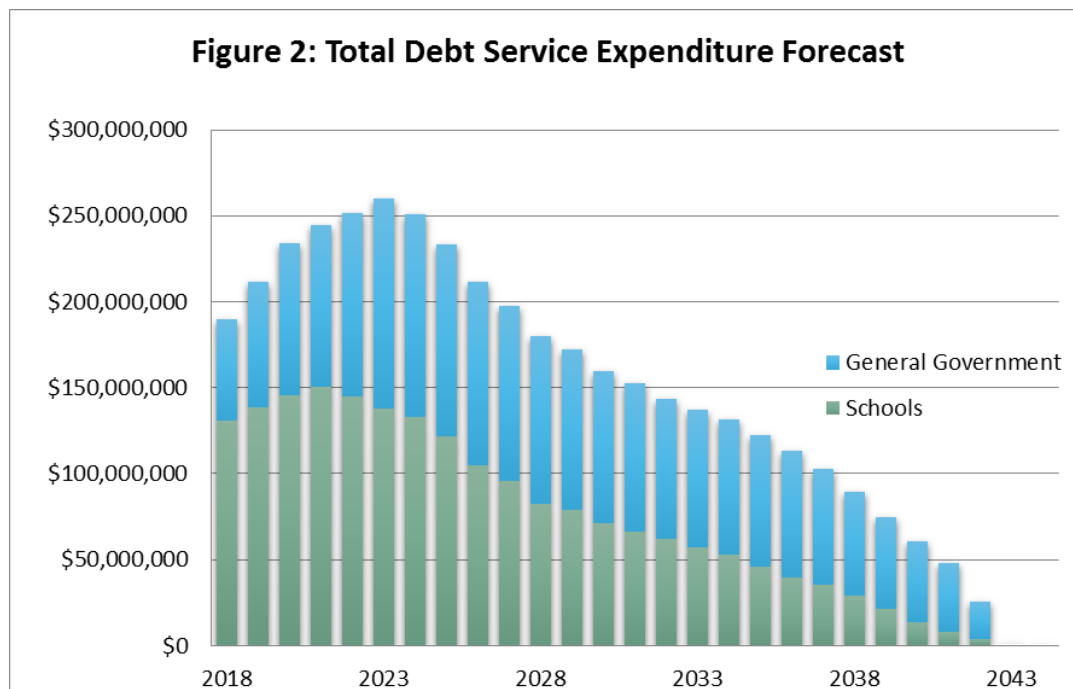
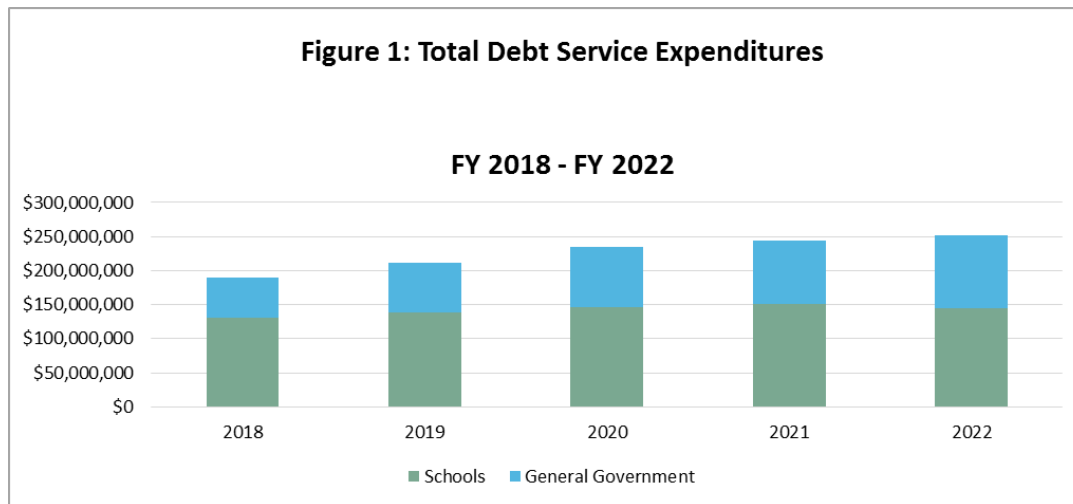
⁴ Transfers into the Debt Service Fund are from the Capital Project Fund and General Fund for debt service on Landfill construction, and building lease fees. Beginning in FY 2019, this includes a transfer from the Transportation District Fund for Metrorail tax revenue to cover debt service associated with the construction of the Metrorail project.

⁵ Bond Premium and Refunding Proceeds are unpredictable and therefore not budgeted. If these monies become available, they become part of the Debt Service Fund balance and are used for future debt service payments in accordance with rules and regulations governing municipal borrowing.

⁶ The FY 2016 addition to fund balance of \$2,428,976 reduces use of Local Tax Funding.

Debt Service Fund

The distribution of debt service expenditures resulting from Schools and General Government capital project financings are shown below in *Figure 1* and *Figure 2*. *Figure 1* shows the relative portion of debt service attributable to schools projects and the portion attributable to general government projects for FY 2018 – FY 2022. *Figure 2* presents this same information through 2042, when the last payment will be made on debt issued through FY 2022.



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 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:

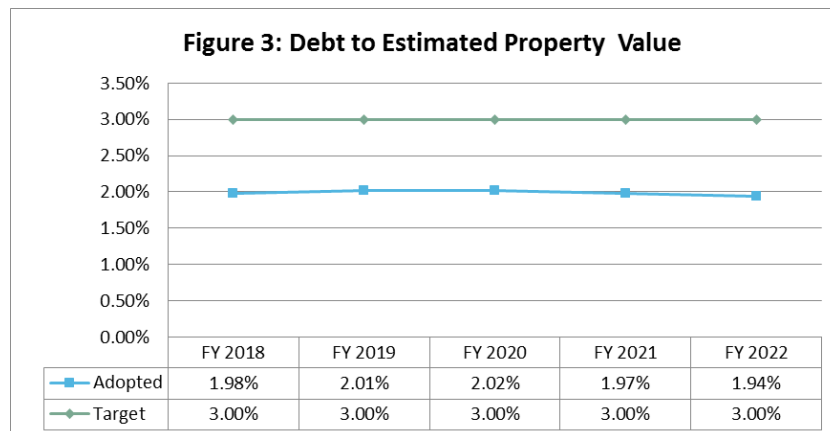
- *Annual debt issuance guideline of \$225 million. The debt issuance guideline will be adjusted every five years based on the Consumer Price Index five year rolling average beginning with FY 2017. The debt issuance guideline will be reviewed every five years beginning in FY 2022.*

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, and the County Landfill. Establishing an annual debt issuance guideline allows the County to actively manage the annual growth of its debt burden.

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Debt Issuance Projected	\$223,988,983	\$223,797,000	\$219,427,500	\$223,568,700	\$223,582,000
Remaining Debt Capacity	\$1,011,017	\$1,203,000	\$5,572,500	\$1,431,300	\$1,418,000

- *Net debt as a percentage of estimated market value of taxable property should not exceed 3.0%.*

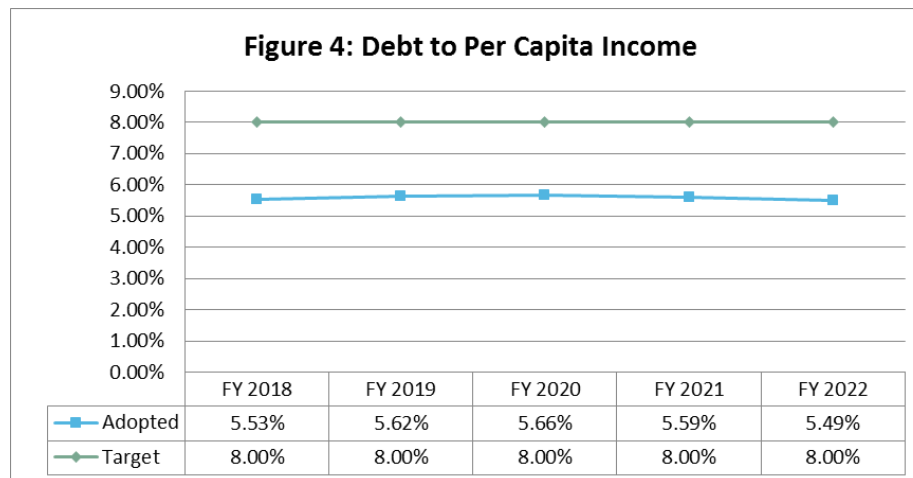
This ratio means that the amount of outstanding debt cannot exceed 3% of the value of the County's taxable real and personal property. The assessed value of taxable property is an indication of the County's ability to generate revenue. This established ratio ensures that the County's outstanding debt 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

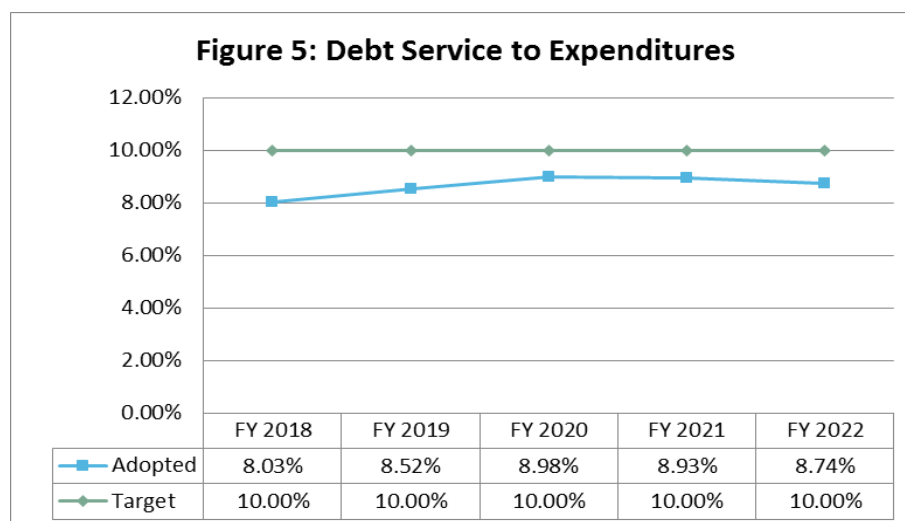
- Net debt per capita as a percentage of income per capita should not exceed 8.0%.*

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%.*

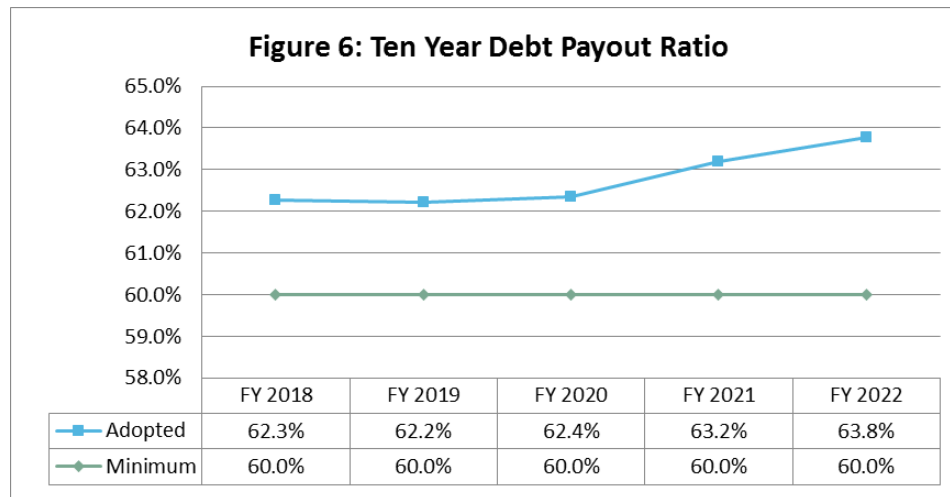
This ratio means the amount of debt service (principal and interest payments) in each fiscal year, cannot exceed 10% of total governmental funds expenditures. This includes all appropriated funds, not just the General Fund. Because debt service is considered a fixed cost (i.e.; not discretionary) the 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

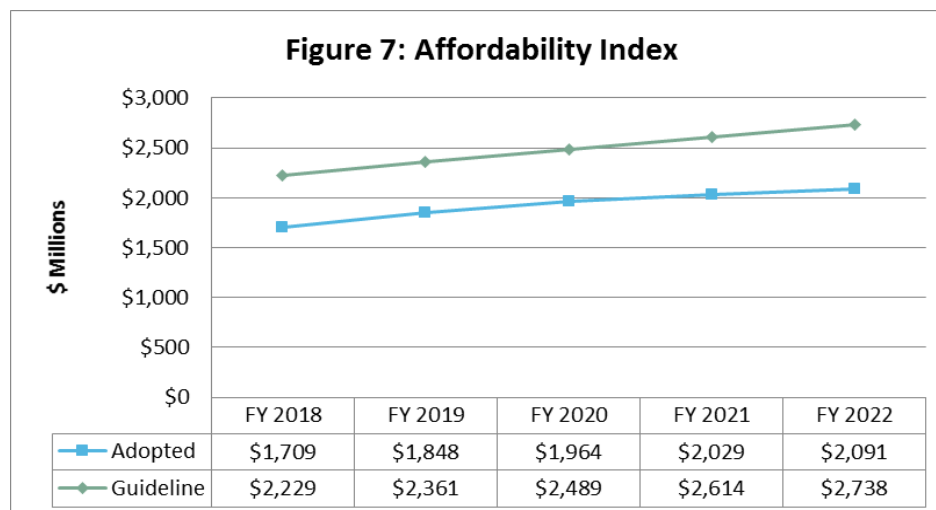
- *Ten year debt payout ratio should be above 60%.*

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 capital 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 2).

Table 2 begins with the projected amount of tax supported debt, and then shows the impact of adding the debt-financed capital projects contained in the FY 2018 – FY 2022 Capital Improvement Program as amended to the existing required debt service payments 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, and the County Landfill. 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 amount represents the amount of overlapping debt expected to be outstanding each year based on the current debt payment schedule. 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 2: IMPACT ON FUTURE DEBT RATIOS					
Amended FY 2018 - FY 2022					
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Beginning Net Tax Supported Debt	\$ 1,509,866,275	\$1,708,967,944	\$1,848,163,354	\$1,963,802,228	\$2,029,102,551
Plus:					
New Debt Issued	330,988,983	280,627,000	268,987,500	223,568,700	223,582,000
Less:					
Retired Debt (Old)	131,887,314	125,061,590	119,538,626	107,333,377	95,840,000
Retired Debt (New)	0	16,370,000	33,810,000	50,935,000	65,830,000
Ending Net Tax Supported Debt	\$1,708,967,944	\$1,848,163,354	\$1,963,802,228	\$2,029,102,551	\$2,091,014,551
Debt Service (1)	\$190,020,438	\$211,735,276	\$234,383,910	\$244,681,164	\$251,404,957
Population	393,345	402,167	410,449	418,450	426,346
Public School Enrollment	81,622	83,624	85,514	86,531	87,569
Estimated Property Value (in Million)	\$86,439	\$91,761	\$97,214	\$102,766	\$108,054
Per Capita Income	\$78,600	\$81,800	\$84,500	\$86,800	\$89,300
Expenditures (in Thousands)	\$2,366,689,861	\$2,485,024,354	\$2,609,275,572	\$2,739,739,350	\$2,876,726,318
Ratios:					
Debt to Estimated Property Value (Fiscal Policy Target = <3%)	1.98%	2.01%	2.02%	1.97%	1.94%
Debt to Per Capita Income (Fiscal Policy Target = <8%)	5.53%	5.62%	5.66%	5.59%	5.49%
Debt Service to Expenditures (Fiscal Policy Target =<10%)	8.03%	8.52%	8.98%	8.93%	8.74%
Ten-Year Debt Payout Ratio (Fiscal Policy Target=>60%)	62.3%	62.2%	62.4%	63.2%	63.8%
Annual Debt Issuance Guideline:					
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Less:					
Debt Issuance Projected	\$223,988,983	\$223,797,000	\$219,427,500	\$223,568,700	\$223,582,000
Remaining Debt Capacity	\$1,011,017	\$1,203,000	\$5,572,500	\$1,431,300	\$1,418,000
Affordability Index: (2)					
Outstanding Debt Guideline	\$2,229,272,676	\$2,360,980,297	\$2,488,735,834	\$2,613,566,880	\$2,737,937,538
Outstanding Debt Projected	\$1,708,967,944	\$1,848,163,354	\$1,963,802,228	\$2,029,102,551	\$2,091,014,551
Overlapping Debt: (3)					
Overlapping Debt Guideline	\$648,292,500	\$688,207,500	\$729,105,000	\$770,745,000	\$810,405,000
Overlapping Debt Projected	\$151,573,866	\$143,984,315	\$137,652,722	\$131,260,294	\$124,759,529
<p>1) Debt Includes general obligation bonds and appropriation-based financing.</p> <p>(2) Affordability Index is the weighted average of Debt Per Capita (20%) / Debt to Estimated Property Value (45%) / Debt to Per Capita Income (35%).</p> <p>(3) Maximum Outstanding Overlapping Debt allowed per the Fiscal Policy is 0.75% of estimated property value.</p> <p>Note: The \$225 million annual debt issuance guideline does not include the projected construction costs of the Dulles Corridor Metrorail Project, the three Loudoun County-based Metrorail garages, or the County Landfill.</p>					

Debt Service Fund

Debt Issuance by Category. The Board of Supervisors places a major emphasis on transportation, road and transit projects while developing a CIP that also addresses Loudoun's education, public safety, health and welfare, and recreational needs within its own self-imposed debt issuance guidelines. 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 8: New Debt Issuance by Category

Adopted New Debt Financing For FY 2018- FY 2022 Capital Improvement Program					
Fiscal Year	General Government FY 2018 - FY 2022	Transportation FY 2018 - FY 2022	Schools FY 2018 - FY 2022	Total County	
				Adopted FY 2018 - FY 2022	Board Guideline
2018	\$ 80,705,983	\$ 10,875,000	\$ 132,408,000	\$ 223,988,983	\$ 225,000,000
2019	60,265,000	14,000,000	149,532,000	223,797,000	\$ 225,000,000
2020	66,510,000	20,455,000	132,462,500	219,427,500	\$ 225,000,000
2021	67,505,000	73,055,000	83,008,700	223,568,700	\$ 225,000,000
2022	68,965,000	64,995,000	89,622,000	223,582,000	\$ 225,000,000
Total	\$ 343,950,983	\$ 183,380,000	\$ 587,033,200	\$ 1,114,364,183	\$ 1,125,000,000

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. 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 2018 through FY 2022. 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 2018 - FY 2022 Amended 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 2018-FY 2022	Project Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
General Obligation Bonds or Appropriation-Based:										
Administration Projects:										
Major Computer Systems	68,500,000	9,500,000	N/A	N/A	Not Required (2)	6,000,000	0	3,500,000	0	0
Subtotal, Administration Projects	68,500,000	9,500,000				6,000,000	0	3,500,000	0	0
General Government Projects:										
Consolidated Shops & Warehouse	38,500,000	7,500,000	2016	N/A	Not Required (2)	0	0	4,000,000	3,500,000	0
Landfill Reclamation Project	21,480,000	15,480,000 A	2014	N/A	Not Required (2)	7,000,000	5,480,000	3,000,000	0	0
Landfill Sequence V Closure	6,410,000	6,410,000	2019	N/A	Not Required (2)	0	1,350,000	5,060,000	0	0
Landfill Sequence 1A Cap & Closure	1,500,000	1,500,000	2020	N/A	Not Required (2)	0	0	1,500,000	0	0
Subtotal, General Government Projects	67,890,000	30,890,000				7,000,000	6,830,000	13,560,000	3,500,000	0
Health & Welfare Projects:										
DS Group Residence - Eastern Loudoun	2,375,000	2,375,000	2021	N/A	Not Required (2)	0	0	0	2,375,000	0
DS Group Residence - Purcellville	2,125,000	2,125,000	2018	N/A	Not Required (2)	2,125,000	0	0	0	0
Subtotal, Health & Welfare Projects	4,500,000	4,500,000				2,125,000	0	0	2,375,000	0
Parks & Recreation and Library Services Projects:										
Sterling Community Center Renovation	15,502,000	5,084,000 A	2008	6,085,000	Nov. 2014 (1)	5,084,000	0	0	0	0
Ashburn Recreation & Community Center	70,930,000	34,590,000 A	2017	44,270,000	Nov. 2016 (1)	0	9,720,000	19,155,000	5,715,000	0
Philip Bolen Park Phase 2	9,025,000	6,175,000	2017	6,175,000	Nov. 2019 (1)	0	0	0	6,175,000	0
Brambleton Library	7,100,000	7,030,000	2020	N/A	Not Required (2)	0	0	7,030,000	0	0
Scott Jenkins Park Phase 3	4,555,000	1,755,000	2017	1,755,000	Nov. 2019 (1)	0	0	0	1,755,000	0
Fields Farm Park	31,045,000	23,715,000	2008	29,185,000	Nov. 2019 (1)	0	0	0	3,350,000	20,365,000
STEM Library	47,000,000	35,900,000	2021	47,000,000	Nov. 2019 (1)	0	0	0	5,900,000	30,000,000
Hal & Berni Hanson Regional Park	74,340,000	28,595,000	2010	31,845,000	Nov. 2016 (1)	15,700,000	11,595,000	1,300,000	0	0
Lovettsville District Park (includes entrance & access road)	9,680,000	9,680,000 A	2004	9,000,000	Nov. 2013 (1)	5,000,000	0	0	4,680,000	0
Franklin Park to Purcellville Trail	5,520,000	5,000,000	2015	5,000,000	Nov. 2020 (1)	0	0	0	0	5,000,000
Subtotal, Parks & Recreation and Library Services Projects	274,697,000	157,524,000				25,784,000	21,315,000	27,485,000	27,575,000	55,365,000
Notes on Amount to be Financed between FY 2018 - FY 2022										
A - Includes previously authorized, but unissued debt financing										
B - Remaining amount to be financed after FY 2022										
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 2018 - FY 2022 Amended 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 2018-FY 2022	Project Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
General Obligation Bonds or Appropriation-Based:										
Public Safety Projects:										
Waterford Animal Shelter Renovation	2,000,000	2,000,000	2021	N/A	Not Required (2)	0	0	0	2,000,000	0
Animal Services Facility	15,495,000	8,250,000 A	2014	15,370,000	Nov. 2014 (1)	5,050,000	3,200,000	0	0	0
Self Contained Breathing Apparatus	5,238,000	1,996,983 A	2017	N/A	Not Required (2)	1,996,983	0	0	0	0
Courts Complex Phase III	89,010,000	67,050,000 A	2011	N/A	Not Required (2)	10,000,000	27,350,000	15,100,000	14,600,000	0
Public Safety Redundant Prime Tower	3,075,000	1,450,000	2018	N/A	Not Required (2)	0	1,450,000	0	0	0
Philomont Fire Rescue Station Replacement	15,925,000	2,200,000 B	2022	15,925,000	Nov. 2020 (1)	0	0	0	0	2,200,000
Juvenile Detention Center Phase I	20,015,000	8,000,000 A	2009	N/A	Not Required (2)	8,000,000	0	0	0	0
Aldie Fire Rescue Station Replacement	18,860,000	4,000,000	2008	9,504,553	Nov. 2007 (1)	0	0	0	4,000,000	0
Leesburg South Fire & Rescue Station	17,600,000	13,600,000 B	2021	17,600,000	Nov. 2019 (1)	0	0	0	2,200,000	11,400,000
Lovettsville Fire Station Replacement	14,500,000	6,750,000 A	2016	13,500,000	Nov. 2016 (1)	6,750,000	0	0	0	0
Lucketts Fire Station Replacement	12,730,000	3,000,000 A	2014	11,490,000	Nov. 2013 (1)	3,000,000	0	0	0	0
Fire Rescue Training Center Expansion	7,280,000	6,500,000	2020	6,500,000	Nov. 2019 (1)	0	0	0	6,500,000	0
Public Safety Firing Range	21,300,000	12,000,000 A	2014	N/A	Not Required (2)	12,000,000	0	0	0	0
Round Hill Fire Station Replacement	15,660,000	15,660,000	2019	15,660,000	Nov. 2017 (1)	0	1,900,000	10,310,000	3,450,000	0
Sterling Fire Station Replacement	16,371,000	12,470,000 A	2015	14,430,000	Nov. 2014 (1)	0	5,050,000	6,115,000	1,305,000	0
Subtotal, Public Safety Projects	275,059,000	164,926,983				46,796,983	38,950,000	31,525,000	34,055,000	13,600,000
Transit Projects:										
Dulles Corridor Metrorail Project - Non TIFIA Funding	300,000,000	60,000,000 A	2016	N/A	Not Required (2)	60,000,000	0	0	0	0
Metrorail Parking Garages	133,000,000	130,000,000	2016	N/A	Not Required (2)	40,000,000	50,000,000	40,000,000	0	0
Metrorail Capital Contribution	170,000,000	28,000,000	2020	28,000,000	Nov. 2019 (1)	0	0	0	15,000,000	13,000,000
Subtotal, Transit Projects	603,000,000	218,000,000				100,000,000	50,000,000	40,000,000	15,000,000	13,000,000
Road Projects:										
Dulles West- Arcola to Northstar	43,700,000	10,600,000	2021	10,600,000	Nov. 2019 (1)	0	0	0	5,300,000	5,300,000
Route 7/Route 690 Interchange	36,440,000	4,000,000	2013	8,000,000	Nov. 2016 (1)	2,000,000	2,000,000	0	0	0
Farmwell Road- Smith Switch to Ashburn	29,164,000	12,000,000	2016	12,000,000	Nov. 2017 (1)	0	12,000,000	0	0	0
Prentice Drive	89,650,000	12,000,000	2017	12,000,000	Nov. 2018 (1)	0	0	12,000,000	0	0
Westwind Drive	43,699,000	13,000,000	2019	13,000,000	Nov. 2019 (1)	0	0	0	13,000,000	0
Crosstrail Blvd - Segment B	43,560,000	41,560,000	2017	41,560,000	Nov. 2018 (1)	0	0	7,500,000	22,500,000	11,560,000
Atlantic Blvd Pedestrian Improvements	6,273,000	1,000,000	2021	5,200,000	Nov. 2019 (1)	0	0	0	1,000,000	0
Route 7/Route 287 Interchange	11,000,000	1,345,000	2021	1,345,000	Nov. 2019 (1)	0	0	0	1,345,000	0
Route 772 Transit Station Connector Bridge	26,528,360	8,875,000	2013	N/A	Not Required (2)	8,875,000	0	0	0	0
Evergreen Mills-Arcola to Loudoun Cty Pkwy	19,213,000	5,500,000	2021	5,500,000	Nov. 2019 (1)	0	0	0	2,500,000	3,000,000
Evergreen Mills-Belmont/Stone Springs	23,045,000	6,000,000 B	2020	7,280,000	Nov. 2019 (1)	0	0	0	3,000,000	3,000,000
Evergreen Mills- Northstar to Belmont	52,320,000	1,000,000 A	2022	4,470,000	Nov. 2020 (2)	0	0	0	0	1,000,000
Route 9/Route 287	14,483,000	11,255,000 B	2015	13,255,000	Nov. 2018 (1)	0	0	955,000	7,265,000	3,035,000
Evergreen Mills- Stone Spring to Arcola	14,330,000	7,300,000 A	2021	7,300,000	Nov. 2019 (1)	0	0	0	1,300,000	6,000,000
Belmont Ridge Rd - Shreveport to Evergreen Mills	17,300,000	1,435,000 B	2022	9,950,000	Nov. 2020 (1)	0	0	0	0	1,435,000
Braddock Rd Widening - Rt659 to Royal Hunter	6,095,000	1,000,000	2022	2,000,000	Nov. 2020 (1)	0	0	0	0	1,000,000
River Creek Sidewalk	1,315,000	1,315,000 B	2022	1,315,000	Nov. 2020 (1)	0	0	0	0	1,315,000
Croson Lane Widening- Claiborne to Mooreview Pkwy	21,270,000	2,920,000	2022	13,205,000	Nov. 2020 (1)	0	0	0	0	2,920,000
Elk Lick Rd Intersections - Rt 50 & Tall Cedars Pkwy	1,565,000	1,565,000	2022	1,565,000	Nov. 2020 (1)	0	0	0	0	1,565,000
Evergreen Mills Rd Realignments - Watson/Reservoir	3,815,000	805,000 B	2022	3,815,000	Nov. 2020 (1)	0	0	0	0	805,000
Harmony Middle School Sidewalk	3,160,000	1,260,000	2020	1,260,000	Nov. 2020 (1)	0	0	0	0	1,260,000
Poland Road Path - Edgewater-Poland Hill	2,285,000	1,220,000	2022	1,220,000	Nov. 2020 (1)	0	0	0	0	1,220,000
Route 50/Everfield Roundabout	7,975,000	1,215,000 A	2022	2,505,000	Nov. 2020 (1)	0	0	0	0	1,215,000
Sterling Boulevard/W&OD Overpass	7,745,000	4,710,000 B	2021	7,745,000	Nov. 2019 (1)	0	0	0	845,000	3,865,000
Northstar- Tall Cedars to Braddock	22,193,000	2,500,000	2022	2,500,000	Nov. 2020 (1)	0	0	0	0	2,500,000
Subtotal, Transportation Projects	548,123,360	155,380,000				10,875,000	14,000,000	20,455,000	58,055,000	51,995,000
SUBTOTAL - General Government	1,841,769,360	740,720,983				198,580,983	131,095,000	136,525,000	140,560,000	133,960,000
Notes on Amount to be Financed between FY 2018 - FY 2022										
A - Includes previously authorized, but unissued debt financing										
B - Remaining amount to be financed after FY 2022										
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, or Other Financing Sources.										



Debt Service Fund

Schedule of Major Financings										
FY 2018 - FY 2022 Amended 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 2018-FY 2022	Project Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
General Obligation Bonds or Appropriation-Based:										
School Administration Projects:										
School Vehicle Lease	50,000,000	50,000,000	N/A	N/A	Not Required (2)	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Subtotal, Administration Projects	50,000,000	50,000,000				10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
ES-24 Central Loudoun Area	49,600,000	2,480,000 B	2022	49,600,000	Nov. 2020 (1)	0	0	0	0	2,480,000
ES-23, North Dulles	45,420,000	41,740,000 B	2020	45,420,000	Nov. 2018 (1)	0	0	4,545,000	16,055,000	21,140,000
ES-28, Dulles South Area	38,770,000	34,270,000	2016	38,770,000	Nov. 2016 (1)	14,068,000	16,152,000	4,050,000	0	0
ES-31, Dulles North Area	39,810,000	36,355,000	2016	38,270,000	Nov. 2015 (1)	13,700,000	20,300,000	2,355,000	0	0
ES-29, Dulles South Area	47,464,000	18,747,000	2021	47,464,000	Nov. 2019 (1)	0	0	0	2,375,000	16,372,000
Elementary School Classroom Additions- Countywide	18,491,000	14,160,000 B	2020	15,520,000	Nov. 2019 (1)	0	0	0	5,120,000	9,040,000
Subtotal, Elementary School Projects	298,703,000	147,752,000				27,768,000	36,452,000	10,950,000	23,550,000	49,032,000
Middle School Projects:										
MS-7, Dulles South Area	60,820,000	51,385,000	2016	60,820,000	Nov. 2016 (1)	24,510,000	14,795,000	12,080,000	0	0
MS-9, Dulles North Area	53,540,000	17,940,000 A	2015	48,185,000	Nov. 2014 (1)	7,940,000	10,000,000	0	0	0
Subtotal, Middle School Projects	114,360,000	69,325,000				32,450,000	24,795,000	12,080,000	0	0
High School Projects:										
HS-9, Dulles South Area	125,540,000	109,747,200	2017	117,160,000	Nov. 2016 (1)	15,675,000	36,600,000	38,400,000	19,072,200	0
HS-11, Dulles North Area	121,870,000	80,720,000	2016	112,725,000	Nov. 2015 (1)	26,515,000	20,985,000	33,220,000	0	0
Advance Technology Academy	114,638,000	43,175,000 A	2015	83,175,000	Nov. 2014 (1)	20,000,000	15,000,000	8,175,000	0	0
CS Monroe Technology Center	64,943,000	53,119,000 B	2017	63,193,000	Nov. 2017 (1)	0	1,830,000	10,683,500	25,177,000	15,428,500
School Bus Replacement & Acquisition	9,413,000	4,148,000	2018	4,148,000	Nov. 2017 (1)	0	0	4,148,000	0	0
Synthetic Field and Track Resurface (2)	4,148,000	2,936,000	2019	2,936,000	Nov. 2017 (1)	0	1,000,000	1,936,000	0	0
Subtotal, High School Projects	440,552,000	293,845,200				62,190,000	75,415,000	96,562,500	44,249,200	15,428,500
Other School Projects:										
Division Security Improvements	11,484,000	11,484,000	2019	11,484,000	Nov. 2017 (1)	0	2,870,000	2,870,000	2,870,000	2,874,000
Staff Training Center/Round Hill Support Center Renovations	25,730,000	10,347,000	2021	25,730,000	Nov. 2019 (1)	0	0	0	1,107,000	9,240,000
Joint Use Dry Bulk Storage Facility	4,280,000	4,280,000	2021	N/A	Not Required (2)	0	0	0	1,232,500	3,047,500
Subtotal, Other School Projects	41,494,000	26,111,000				0	2,870,000	2,870,000	5,209,500	15,161,500
SUBTOTAL - Schools	945,109,000	587,033,200				132,408,000	149,532,000	132,462,500	83,008,700	89,622,000
GRAND TOTAL	2,786,878,360	1,327,754,183				330,988,983	280,627,000	268,987,500	223,568,700	223,582,000
Notes on Amount to be Financed between FY 2018 - FY 2022										
A - Includes previously authorized, but unissued debt financing										
B - Remaining amount to be financed after FY 2022										
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, or Other Financing Sources.										



Debt Service Fund

Debt Service Projections FY 2018-FY 2022 Amended Capital Improvement Program

Projects	Principal	Interest	Total Debt Service	Debt Service Projections FY 2018-FY 2022					Total
				2018	2019	2020	2021	2022	
Administration									
Major Computer Systems	\$9,500,000	\$3,037,500	\$ 12,537,500	150,000	1,133,625	1,183,250	1,393,500	1,346,875	5,207,250
General Government									
Consolidated Shops & Warehouse	\$7,500,000	\$3,937,500	\$ 11,437,500	-	-	100,000	482,500	730,625	1,313,125
Landfill Reclamation Project	15,480,000	8,120,500	23,600,500	175,000	828,250	1,290,875	1,480,875	1,442,125	5,217,125
Landfill Sequence V Closure	6,410,000	3,359,000	9,769,000	-	33,750	262,250	629,000	617,875	1,542,875
Landfill Sequence 1A Cap & Closure	1,500,000	787,500	2,287,500	-	-	37,500	148,125	144,375	330,000
Health & Welfare Projects:									
DS Group Residence - Eastern Loudoun	\$2,375,000	\$1,138,750	\$ 3,513,750	-	-	-	59,375	265,000	324,375
DS Group Residence - Purcellville	2,125,000	1,014,250	3,139,250	53,125	237,875	231,125	224,375	217,625	964,125
Parks & Recreation and Library Services Projects:									
Sterling Community Center Renovation	\$5,084,000	\$2,501,750	\$ 7,585,750	-	554,200	539,200	524,200	514,200	2,131,800
Ashburn Recreation & Community Center	34,590,000	16,305,000	50,895,000	-	-	971,000	2,864,500	3,893,000	7,728,500
Philip Bolen Park Phase 2	6,175,000	3,134,250	9,309,250	-	-	-	-	648,750	648,750
Brambleton Library	7,030,000	3,696,000	10,726,000	-	-	175,750	692,750	675,250	1,543,750
Scott Jenkins Park Phase 3	1,755,000	918,000	2,673,000	-	-	-	-	177,750	177,750
Fields Farm Park	23,715,000	12,443,000	36,158,000	-	-	-	-	337,500	337,500
STEM Library	35,900,000	18,847,500	54,747,500	-	-	-	-	590,000	590,000
Hal & Berni Hanson Regional Park	28,595,000	12,801,000	41,396,000	-	1,570,000	3,200,500	3,356,750	3,253,750	11,381,000
Lovettsville District Park (includes entrance & access road)	9,680,000	4,913,500	14,593,500	125,000	493,750	481,250	468,750	970,250	2,539,000
Franklin Park to Purcellville Trail	5,000,000	2,625,000	7,625,000	-	-	-	-	-	-
Public Safety Projects:									
Waterford Animal Shelter Renovation	\$2,000,000	\$1,050,000	\$ 3,050,000	-	-	-	50,000	197,500	247,500
Animal Services Facility	8,250,000	3,918,750	12,168,750	-	507,500	929,750	908,250	871,500	3,217,000
Self Contained Breathing Apparatus	1,996,983	399,700	2,396,683	49,925	377,725	363,475	349,225	334,975	1,475,325
Courts Complex Phase III	67,050,000	33,574,250	100,624,250	250,000	1,671,250	4,043,250	5,423,500	6,827,500	18,215,500
Public Safety Redundant Prime Tower	1,450,000	290,000	1,740,000	-	36,250	272,375	267,000	251,625	827,250
Philomont Fire Rescue Station Replacement	2,200,000	1,155,000	3,355,000	-	-	-	-	-	-
Juvenile Detention Center Phase I	8,000,000	4,200,000	12,200,000	200,000	790,000	770,000	750,000	730,000	3,240,000
Aldie Fire Rescue Station Replacement	4,000,000	2,100,000	6,100,000	-	-	-	100,000	395,000	495,000
Leesburg South Fire & Rescue Station	13,600,000	7,140,000	20,740,000	-	-	-	-	220,000	220,000
Lovettsville Fire Station Replacement	6,750,000	3,542,500	10,292,500	-	677,500	655,500	643,750	621,750	2,598,500
Lucketts Fire Station Replacement	3,000,000	1,575,000	4,575,000	-	300,000	292,500	285,000	277,500	1,155,000
Fire Rescue Training Center Expansion	6,500,000	3,023,000	9,523,000	-	-	-	-	760,000	760,000
Public Safety Firing Range	12,000,000	6,300,000	18,300,000	300,000	1,185,000	1,155,000	1,125,000	1,095,000	4,860,000
Round Hill Fire Station Replacement	15,660,000	7,754,000	23,414,000	-	-	190,000	1,215,750	1,662,750	3,068,500
Sterling Fire Station Replacement	12,470,000	6,126,750	18,596,750	-	-	507,500	1,100,500	1,328,000	2,936,000



Debt Service Fund

Debt Service Projections FY 2018-FY 2022 Amended Capital Improvement Program

Projects	Principal	Interest	Total Debt Service	Debt Service Projections FY 2018-FY 2022					Total
				2018	2019	2020	2021	2022	
Transit Projects:									
Dulles Corridor Metrorail Project - Non TIFIA Funding	\$60,000,000	\$56,869,785	\$ 116,869,785	1,508,495	3,016,989	3,016,989	3,016,989	3,016,989	13,576,451
Metrorail Parking Garages	130,000,000	68,250,000	198,250,000	1,000,000	5,200,000	9,787,500	12,512,500	12,187,500	40,687,500
Metrorail Capital Contribution	28,000,000	14,700,000	42,700,000	-	-	-	-	1,500,000	1,500,000
Road Projects:									
Dulles West- Arcola to Northstar	\$10,600,000	\$5,565,000	\$ 16,165,000	-	-	-	-	530,000	530,000
Route 7/Route 690 Interchange	4,000,000	2,100,000	6,100,000	-	200,000	395,000	385,000	375,000	1,355,000
Farmwell Road- Smith Switch to Ashburn	12,000,000	6,300,000	18,300,000	-	-	1,200,000	1,170,000	1,140,000	3,510,000
Prentice Drive	12,000,000	6,300,000	18,300,000	-	-	-	1,200,000	1,170,000	2,370,000
Westwind Drive	13,000,000	6,825,000	19,825,000	-	-	-	-	1,300,000	1,300,000
Crosstrail Blvd - Segment B	41,560,000	21,814,000	63,374,000	-	-	-	750,000	2,981,250	3,731,250
Atlantic Blvd Pedestrian Improvements	1,000,000	525,000	1,525,000	-	-	-	-	100,000	100,000
Route 7/Route 287 Interchange	1,345,000	707,250	2,052,250	-	-	-	-	132,250	132,250
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	3,598,875
Evergreen Mills-Arcola to Loudoun Cty Pkwy	5,500,000	2,887,500	8,387,500	-	-	-	-	250,000	250,000
Evergreen Mills-Belmont/Stone Springs	6,000,000	3,150,000	9,150,000	-	-	-	-	300,000	300,000
Evergreen Mills- Northstar to Belmont	1,000,000	525,000	1,525,000	-	-	-	-	-	-
Route 9/Route 287	11,255,000	5,903,750	17,158,750	-	-	-	97,750	823,500	921,250
Evergreen Mills- Stone Spring to Arcola	7,300,000	3,832,500	11,132,500	-	-	-	-	130,000	130,000
Belmont Ridge Rd - Shreveport to Evergreen Mills	1,435,000	757,750	2,192,750	-	-	-	-	-	-
Braddock Rd Widening - Rt659 to Royal Hunter	1,000,000	525,000	1,525,000	-	-	-	-	-	-
River Creek Sidewalk	1,315,000	695,250	2,010,250	-	-	-	-	-	-
Croson Lane Widening- Claiborne to Mooreview Pkwy	2,920,000	1,538,500	4,458,500	-	-	-	-	-	-
Elk Lick Rd Intersections - Rt 50 & Tall Cedars Pkwy	1,565,000	815,500	2,380,500	-	-	-	-	-	-
Evergreen Mills Rd Realignment - Watson/Reservoir	805,000	424,750	1,229,750	-	-	-	-	-	-
Harmony Middle School Sidewalk	1,260,000	656,500	1,916,500	-	-	-	-	-	-
Poland Road Path - Edgewater-Poland Hill	1,220,000	646,000	1,866,000	-	-	-	-	-	-
Route 50/Everfield Roundabout	1,215,000	642,750	1,857,750	-	-	-	-	-	-
Sterling Boulevard/W&OD Overpass	4,710,000	2,467,750	7,177,750	-	-	-	-	82,250	82,250
Northstar- Tall Cedars to Braddock	2,500,000	1,312,500	3,812,500	-	-	-	-	-	-



Debt Service Fund

Debt Service Projections FY 2018-FY 2022 Amended Capital Improvement Program

Projects	Principal	Interest	Total Debt Service	Debt Service Projections FY 2018-FY 2022					Total
				2018	2019	2020	2021	2022	
School Administration Projects:									
School Vehicle Lease	\$50,000,000	\$6,250,000	\$ 56,250,000	-	3,000,000	5,875,000	8,625,000	11,250,000	28,750,000
Elementary School Projects									
ES-24 Central Loudoun Area	\$2,480,000	\$1,295,500	\$ 3,775,500	-	-	-	-	-	-
ES-23, North Dulles	41,740,000	21,914,250	63,654,250	-	-	-	452,250	2,048,750	2,501,000
ES-28, Dulles South Area	34,270,000	17,984,000	52,254,000	-	1,408,400	2,990,750	3,317,500	3,231,750	10,948,400
ES-31, Dulles North Area	36,355,000	17,786,500	54,141,500	-	1,370,000	3,515,750	3,881,000	3,766,500	12,533,250
ES-29, Dulles South Area	18,747,000	9,829,500	28,576,500	-	-	-	-	238,750	238,750
Elementary School Classroom Additions - Countywide	14,160,000	7,182,000	21,342,000	-	-	-	-	511,000	511,000
Middle School Projects:									
MS-7, Dulles South Area	\$51,385,000	\$25,001,500	\$ 76,386,500	-	2,450,500	3,869,000	5,544,750	5,388,000	17,252,250
MS-9, Dulles North Area	17,940,000	7,712,750	25,652,750	-	792,000	2,262,250	2,193,000	2,123,750	7,371,000
High School Projects:									
HS-9, Dulles South Area	\$109,747,200	\$57,604,700	\$ 167,351,900	-	1,568,750	5,189,500	8,898,750	10,580,610	26,237,610
HS-11, Dulles North Area	80,720,000	39,672,250	120,392,250	-	2,650,750	4,683,750	8,661,000	8,420,500	24,416,000
Advance Technology Academy	43,175,000	22,660,000	65,835,000	-	2,000,000	3,450,000	4,181,250	4,073,250	13,704,500
CS Monroe Technology Center	53,119,000	26,598,300	79,717,300	-	-	181,500	1,246,175	3,978,775	5,406,450
School Bus Replacement & Acquisition	4,148,000	2,178,000	6,326,000	-	-	-	412,400	407,150	819,550
Synthetic Field and Track Resurface (2)	2,936,000	1,546,250	4,482,250	-	-	100,000	289,300	282,050	671,350
Other School Projects:									
Division Security Improvements	\$11,484,000	\$6,002,750	\$ 17,486,750	-	-	288,500	569,750	843,750	1,702,000
Staff Training Center/Round Hill Support Center Renovation	10,347,000	5,438,250	15,785,250	-	-	-	-	110,350	110,350
Joint Use Dry Bulk Storage Facility	4,280,000	2,187,540	6,467,540	-	-	-	30,813	196,314	227,127
Totals	\$1,327,754,183	\$681,962,525	\$2,009,716,708	\$4,033,420	\$34,931,689	\$65,312,914	\$92,810,977	\$115,678,913	\$312,767,913



Debt Service Fund

Debt Service Projections FY 2018-FY 2022 Amended Capital Improvement Program

	Summary - Total County Projects						Summary - Total School Projects							
	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	
Total Principal	\$ 40,390,000	\$ 4,500,000	\$ 157,524,000	\$ 164,926,983	\$ 373,380,000	\$ 740,720,983	\$ 50,000,000	\$ 147,752,000	\$ 69,325,000	\$ 293,845,200	\$ 26,111,000	\$ 587,033,200	\$ 1,327,754,183	
2018	325,000	53,125	125,000	799,925	2,730,370	4,033,420	-	-	-	-	-	-	4,033,420	
2019	1,995,625	237,875	2,617,950	5,545,225	9,294,614	19,691,289	3,000,000	2,778,400	3,242,500	6,219,500	-	15,240,400	34,931,689	
2020	2,873,875	231,125	5,367,700	9,179,350	15,254,864	32,906,914	5,875,000	6,506,500	6,131,250	13,604,750	288,500	32,406,000	65,312,914	
2021	4,134,000	283,750	7,906,950	12,217,975	19,965,364	44,508,039	8,625,000	7,650,750	7,737,750	23,688,875	600,563	48,302,938	92,810,977	
2022	4,281,875	482,625	11,060,450	15,573,100	26,829,614	58,227,664	11,250,000	9,796,750	7,511,750	27,742,335	1,150,414	57,451,249	115,678,913	
2023	4,142,875	468,375	16,268,700	16,506,850	33,616,564	71,003,364	11,250,000	14,518,100	7,285,750	28,656,510	2,575,552	64,285,912	135,289,276	
2024	4,023,875	459,000	15,815,700	16,015,850	32,838,064	69,152,489	8,250,000	14,121,100	7,059,750	27,869,760	2,509,302	59,809,912	128,962,401	
2025	3,884,875	439,625	15,362,450	15,567,533	32,049,315	67,303,798	5,375,000	13,729,350	6,828,750	27,067,760	2,443,052	55,443,912	122,747,710	
2026	2,922,500	381,500	14,828,950	14,786,125	31,270,815	64,189,890	2,625,000	13,337,600	6,603,000	26,286,260	2,376,802	51,228,662	115,418,552	
2027	2,836,500	369,500	13,589,200	13,960,375	30,482,065	61,237,640	-	12,710,850	5,627,250	25,489,260	2,315,552	46,142,912	107,380,552	
2028	2,750,500	357,500	12,978,700	13,497,875	29,693,564	59,278,139	-	12,000,850	4,574,000	23,512,510	2,248,927	42,336,287	101,614,426	
2029	2,664,500	296,750	11,642,825	11,804,250	28,920,314	55,328,639	-	11,632,350	4,429,000	22,398,010	2,182,427	40,641,787	95,970,426	
2030	2,578,500	287,250	11,283,700	11,426,125	28,289,690	53,865,265	-	11,154,100	4,284,000	21,496,610	2,081,677	39,016,387	92,881,652	
2031	2,492,500	277,750	10,924,325	11,048,250	27,745,165	52,487,990	-	10,796,600	4,139,000	20,787,610	2,016,927	37,740,137	90,228,127	
2032	2,406,500	273,125	10,570,200	10,675,125	27,163,540	51,088,490	-	10,434,100	3,994,000	20,083,860	1,952,177	36,464,137	87,552,627	
2033	2,315,625	258,500	10,200,575	10,292,000	26,653,565	49,720,265	-	10,076,850	3,849,000	19,385,110	1,882,427	35,193,387	84,913,652	
2034	2,234,750	253,875	9,851,700	9,918,875	26,113,590	48,372,790	-	9,724,600	3,704,000	18,681,110	1,822,927	33,932,637	82,305,427	
2035	2,143,875	239,250	9,477,075	9,540,750	25,657,864	47,058,814	-	9,362,100	3,564,000	17,967,110	1,753,177	32,646,387	79,705,201	
2036	2,063,000	234,625	9,133,450	9,162,375	25,156,940	45,750,390	-	9,004,850	3,413,750	17,273,610	1,693,677	31,385,887	77,136,277	
2037	1,972,125	224,875	8,758,825	8,789,250	24,772,615	44,517,690	-	8,647,600	3,273,750	16,559,610	1,623,927	30,104,887	74,622,577	
2038	1,891,250	215,125	8,414,200	8,405,625	24,346,639	43,272,839	-	8,288,350	3,123,500	15,866,110	1,564,427	28,842,387	72,115,226	
2039	1,459,125	112,750	6,781,875	5,825,000	21,605,490	35,784,240	-	6,550,200	1,348,500	12,037,110	1,494,677	21,430,487	57,214,727	
2040	1,059,375	112,625	5,706,500	3,777,875	18,384,390	29,040,765	-	4,510,100	315,000	7,731,860	1,295,177	13,852,137	42,892,902	
2041	179,375	102,500	4,138,750	2,046,250	15,796,090	22,262,965	-	3,889,600	-	2,958,685	1,086,989	7,935,274	30,198,239	
2042	-	-	2,903,250	714,000	10,138,428	13,755,678	-	2,522,100	-	740,775	780,263	4,043,138	17,798,816	
2043	-	-	-	-	-	-	-	-	-	-	-	-	-	
2044	-	-	-	-	-	-	-	-	-	-	-	-	-	
2045	-	-	-	-	-	-	-	-	-	-	-	-	-	
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Principal & Interest	\$ 59,632,000	\$ 6,653,000	\$ 235,709,000	\$ 247,075,933	\$ 594,769,535	1,143,839,468	56,250,000	223,743,750	102,039,250	444,104,700	39,739,540	\$ 865,877,240	\$ 2,009,716,708	



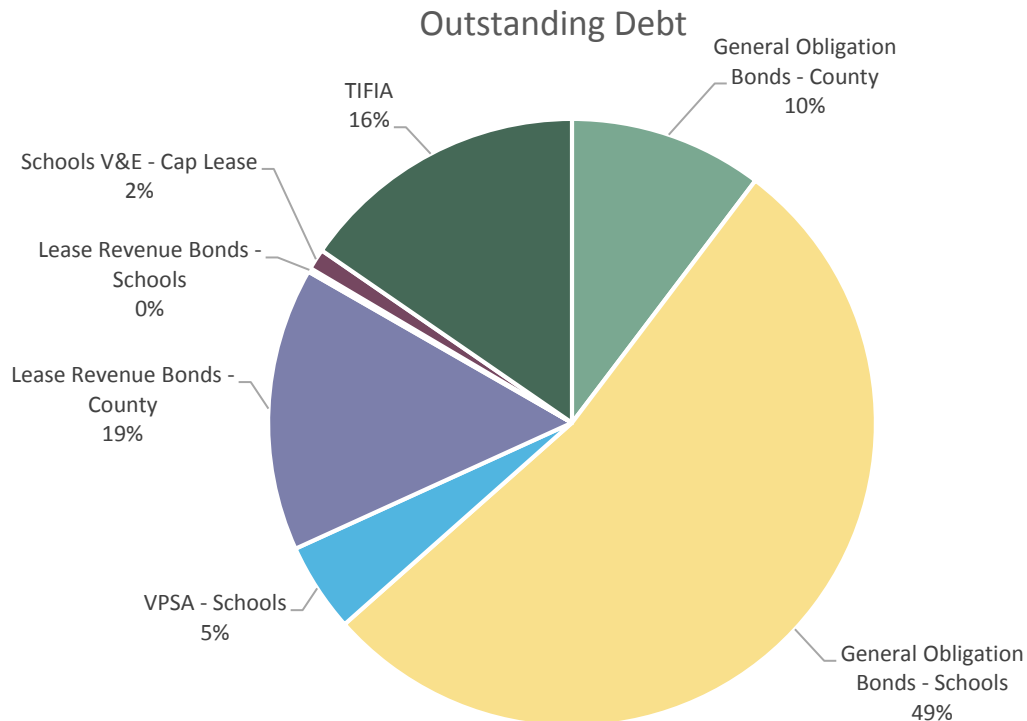
Debt Service Fund

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, 2017. Additionally, information regarding the amount of referendum authority approved and unissued is included on the following page.

Outstanding Debt as of April 30, 2017

Type of Debt	General Government	Schools	Total
General Obligation Bonds	\$130,701,051	\$662,008,949	\$792,710,000
VPSA General Obligation Bonds	-	64,845,000	64,845,000
Lease Revenue Bonds	252,184,500	2,905,500	255,090,000
Capital Leases	-	25,145,907	25,145,907
Federal Loans	211,562,078.00	-	211,562,078
Total	\$594,447,629	\$754,905,356	\$1,349,352,985





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, 2017

Referendum Year	Functional Area	Approved Referendum Amount	Amount Authorized and Unissued
2007	Parks and Rec	13,510,000	911,000
	Schools	15,475,000	7,475,000
	2007 Subtotal	28,985,000	8,386,000⁷
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	9,000,000
	Public Safety	14,175,000	8,635,000
	Schools	10,755,000	831,710
	2013 Subtotal	59,185,000	18,466,710
2014	Parks and Rec	10,935,000	5,084,000
	Public Safety	34,690,000	28,656,000
	Schools	162,900,000	115,450,290
	2014 Subtotal	208,525,000	149,190,290
2015	Public Safety	2,940,000	2,940,000
	Schools	150,995,000	146,035,000
	2015 Subtotal	153,935,000	148,975,000
2016	Parks and Rec	76,115,000	76,115,000
	Public Safety	17,500,000	17,500,000
	Transportation	18,000,000	18,000,000
	Schools	233,070,000	233,070,000
	2016 Subtotal	344,685,000	344,685,000
		1,134,655,000	703,785,000
Totals	Schools	906,785,000	536,425,237
	County	227,870,000	167,359,763
	Total	1,134,655,000	703,785,000

⁷ On November 4, 2015, the 2007 Referendum authority for the Parks and Recreation and Schools projects was extended to November 6, 2017 by the Board of Supervisors.



Other Funds

FY 2018 Adopted Budget

Contents

Capital Asset Preservation Fund	14-2
Central Services Fund	14-4
Children's Services Act Fund	14-5
Computer System Replacement Fund	14-7
County OPEB Trust Fund	14-8
Dulles Industrial Park Water and Sewer Fund	14-10
Dulles Town Center Community Development Authority Fund	14-11
EMS Transport Fund	14-12
Greenlea Tax District Fund	14-14
Housing Fund	14-15
Legal Resource Center Fund (Law Library)	14-16
Major Equipment Replacement Fund	14-17
Public Facilities Fund	14-20
Rental Assistance Program Fund	14-27
Restricted Use Transient Occupancy Tax Fund	14-28
Revolving Loan Fund	14-35
Route 28 Special Improvements Fund	14-36
State and Federal Grant Fund	14-38
Tall Oaks Water and Sewer Special Revenue Fund	14-40
Transportation District Fund	14-41







CAPITAL ASSET PRESERVATION FUND

The Board of Supervisors established the Capital Asset Preservation Fund (CAPP) in 1990 as a consistent means of planning and financing for major Loudoun County Public Schools 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% 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% per year on fixed assets. The number of new facilities for the Schools and County also influences the Capital Asset Preservation Fund 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 Capital Asset Preservation Fund 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. This recordation surcharge is legally earmarked for the ongoing maintenance of Court-related facilities. Budget projections for FY 2017 – FY 2022 reflect the funding required to support capital asset preservation.

Fund Financial Summary

Table 1. Adopted FY 2017 - FY 2022 Capital Asset Preservation Fund							
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
Revenues							
Local Tax Funding							
General Government	\$6,763,000	\$8,240,000	\$8,455,000	\$8,825,000	\$9,215,000	\$9,625,000	\$51,123,000
Schools	8,992,500	12,688,000	13,973,050	14,224,500	14,424,250	14,660,500	78,962,800
Subtotal	\$15,755,500	\$20,928,000	\$22,428,050	\$23,049,500	\$23,639,250	\$24,285,500	\$130,085,800
Other Revenue Sources							
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	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Total Sources of Funds	\$15,855,500	\$21,028,000	\$22,528,050	\$23,149,500	\$23,739,250	\$24,385,500	\$130,685,800
Expenditures							
General Government							
CAPP	\$6,763,000	\$8,240,000	\$8,455,000	\$8,825,000	\$9,215,000	\$9,625,000	\$51,123,000
Courts Maintenance	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Subtotal	\$6,863,000	\$8,340,000	\$8,555,000	\$8,925,000	\$9,315,000	\$9,725,000	\$51,723,000
Schools	\$8,992,500	\$12,688,000	\$13,973,050	\$14,224,500	\$14,424,250	\$14,660,500	\$78,962,800
Total Expenditures	\$15,855,500	\$21,028,000	\$22,528,050	\$23,149,500	\$23,739,250	\$24,385,500	\$130,685,800



Capital Asset Preservation Fund

Fund Compared to Fixed Asset Value

Table 2. Adopted FY 2017 - FY 2022 Capital Asset Preservation Fund Compared to Fixed Asset Value						
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Fixed Asset Value (FAV)						
General Government	\$1,321,101,168	\$1,453,211,285	\$1,598,532,414	\$1,758,385,655	\$1,934,224,221	\$2,127,646,643
Schools	1,769,589,911	1,946,548,902	2,141,203,792	2,355,324,172	2,590,856,589	2,849,942,248
Total Fixed Asset Value	\$3,090,691,079	\$3,399,760,187	\$3,739,736,206	\$4,113,709,827	\$4,525,080,809	\$4,977,588,890
CAPP Projects as a % of FAV						
General Government	0.52%	0.57%	0.54%	0.51%	0.48%	0.46%
Schools	0.51%	0.65%	0.65%	0.60%	0.56%	0.51%
Total Projects as a % of FAV	0.51%	0.62%	0.60%	0.56%	0.52%	0.49%

Fund by Functional Area and Repair Category

Table 3. Adopted Capital Asset Preservation Fund by Functional Area and Repair Category							
Maintenance and Repair Category	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
General Government							
Building	\$2,310,000	\$2,425,000	\$2,545,000	\$2,675,000	\$2,805,000	\$2,950,000	\$15,710,000
Mechanical/Electrical Plumbing	1,400,000	1,470,000	1,545,000	1,620,000	1,700,000	1,785,000	9,520,000
Parks/Recreation Facilities	953,000	1,000,000	1,050,000	1,100,000	1,160,000	1,215,000	6,478,000
Pavement/Site	1,580,000	1,800,000	1,740,000	1,830,000	1,920,000	2,015,000	10,885,000
Renovations	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Roofing	520,000	545,000	575,000	600,000	630,000	660,000	3,530,000
Subtotal General Government	\$6,763,000	\$8,240,000	\$8,455,000	\$8,825,000	\$9,215,000	\$9,625,000	\$51,123,000
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	\$1,437,250	\$1,264,000	\$1,748,050	\$1,044,500	\$468,750	\$1,820,000	\$7,782,550
HVAC	727,750	457,500	779,750	528,000	1,655,000	1,559,000	5,707,000
Plumbing	232,750	172,000	660,250	623,250	340,250	255,000	2,283,500
Resurfacing	1,790,500	7,116,750	6,085,750	4,744,500	5,906,000	6,380,000	32,023,500
Roofing	2,532,750	2,598,750	3,287,250	5,358,250	3,254,500	2,402,500	19,434,000
Structure Repair	864,000	1,079,000	1,032,000	1,287,250	1,943,000	1,438,000	7,643,250
Windows	1,407,500	0	380,000	638,750	856,750	806,000	4,089,000
Subtotal Schools	\$8,992,500	\$12,688,000	\$13,973,050	\$14,224,500	\$14,424,250	\$14,660,500	\$78,962,800
Total Capital Asset Preservation Fund	\$15,855,500	\$21,028,000	\$22,528,050	\$23,149,500	\$23,739,250	\$24,385,500	\$130,685,800



CENTRAL SERVICES FUND

The Governmental Accounting Standard 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 system costs. In the case of the County government, this objective is accomplished by charging agencies for:

- their share of maintaining and operating the County telephone system, based on the number of telephone extensions;
- the number of photocopies made at centrally-located photocopying machines;
- their share of the County interdepartmental mail system, based on the number of pickup locations, and;
- the costs borne by the shared County/Schools vehicle maintenance facility, based on the number and type of vehicles assigned to each department and employees’ use of the motor pool.

Agencies are also charged for scheduled depreciation on vehicles assigned 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 by the Departments of Management and Budget, Finance and Procurement, General Services and Information Technology. 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 Services Funds.

Fund Financial Summary

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected¹
Duplicating	\$1,143,779	\$1,224,209	\$1,236,714	1,249,081
Telephone	1,918,282	2,524,324	2,594,581	2,620,527
Mailing	658,092	743,716	784,134	791,975
Central Support Services ²	1,409,916	1,556,390	0	0
Vehicle Fuel ³	2,089,831	5,089,172	2,832,064	2,860,385
Vehicle Maintenance	2,756,276	3,471,076	3,211,604	3,243,720
Vehicle Depreciation ⁴	8,214,806	10,365,227	10,418,995	8,407,418
Vehicle Leases	160,704	240,000	317,950	321,130
Total	\$18,351,686	\$25,214,114	\$21,396,042	\$19,494,235
FTE	13.27	13.27	5.47	5.47

¹ With the exception of vehicle depreciation costs, all FY 2019 projections are based on a one percent increase.

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’s FY 2018 department budget (General Fund).

³ During the development of the FY 2018 Adopted Budget, an adjustment occurred based on fuel trends and actual consumption.

⁴ Vehicle depreciation contributions are budgeted based on the County’s Vehicle Replacement Plan.



CHILDREN'S SERVICES ACT FUND

The Children's Services Act (formerly known as The Comprehensive Services Act for At-Risk Youth and Families) (CSA) program utilizes a state-local match formula to purchase mandated services for the highest risk populations of youth with emotional, mental health, and behavior problems such as self-harm, severe depression, and extreme actions often relating to trauma. The CSA provides services and placements for these youth including private educational placements, foster care services, services to prevent foster care placements, and Wrap Around services for students with disabilities. The administrative office of the CSA program is housed within the Loudoun County Department of Family Services. CSA is governed by a mandated local interagency body called the Community Policy and Management Team (CPMT), whose role is to manage cooperative efforts serving the needs of youth and their families, and to maximize the use of State and community resources. The CPMT is composed of the directors of the Departments of Family Services, Mental Health/Substance Abuse/Developmental Services, the Juvenile Court Services Unit, Health Department, County Administration, Loudoun County Public Schools, and parent and private provider representatives. 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. Loudoun County's CPMT oversees a Multi-Disciplinary Team (MDT) process which reviews all requests for CSA funded services as required to access State pool funds under the Children's Services Act. The purpose of a case-specific MDT meeting is to assess the strengths and needs of a troubled youth and his/her family and to identify supports and services required to meet those needs. MDT referrals can be initiated by any of the agencies represented on the CPMT.

The CSA program is funded through a State pool of money allocated to each locality, which is subject to a local match. The match rates vary by type of service provided. Local match rates are as low as 23.82 percent for community based services and as high as 59.54 percent for residential treatment services.

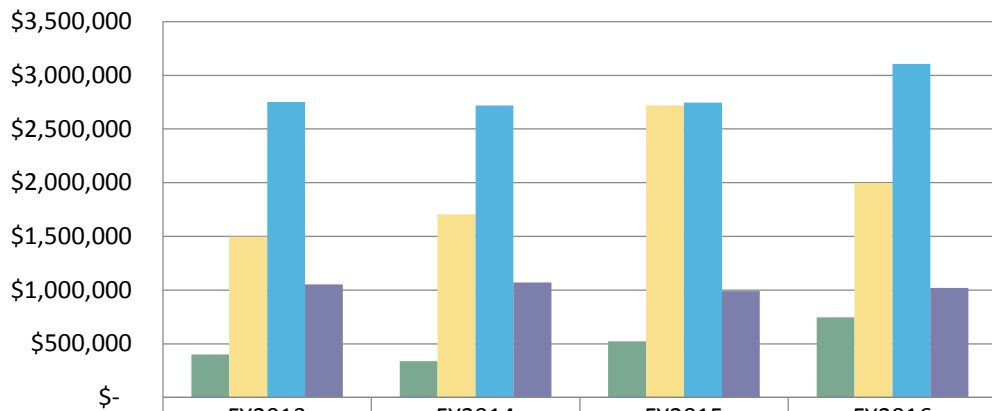
Fund Financial Summary

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures				
Expenditures	\$6,919,198	\$8,811,056	\$8,811,056	\$8,811,056
Transfer to General Fund	183,000	183,000	183,000	183,000
Total – Expenditures	\$7,102,198	\$8,994,056	\$8,994,056	\$8,994,056
Revenues				
State Revenue	\$2,114,147	\$3,682,514	\$3,682,514	\$3,682,514
Other Revenue	579,423	1,140,000	1,140,000	1,140,000
Total – Revenues	\$2,693,570	\$4,822,514	\$4,822,514	\$4,822,514
Local Tax Funding	\$4,171,542	\$4,171,542	\$4,171,542	\$4,171,542



Children's Services Act Fund

Total Expense by Service Type



	FY2013	FY2014	FY2015	FY2016
Community Based Services	\$400,056	\$338,380	\$521,467	\$746,040
Residential Services	\$1,498,376	\$1,706,692	\$2,718,379	\$1,996,824
Private Day Placements (IEP Driven)	\$2,751,260	\$2,718,016	\$2,744,539	\$3,106,424
Family Foster Care Services	\$1,052,359	\$1,071,151	\$990,771	\$1,020,077

Program Performance Measures	FY 2016 Actual	FY 2017 Estimated	FY 2018 Projected	FY 2019 Projected
Children receiving community based services	110	121	133	146
Average cost for community based services	\$6,782	\$7,460	\$8,206	\$9,027
Children receiving residential services	71	75	78	82
Average cost for residential services	\$17,350	\$18,218	\$19,128	\$20,085
Children receiving private day placements	62	65	68	72
Average cost of private day placements	\$50,104	\$52,609	\$55,240	\$58,000
Children receiving treatment foster care services	20	22	24	27
Average cost for treatment foster care services	\$24,237	\$25,449	\$26,721	\$28,057



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 2017 through FY 2022.

FY 2017 – FY 2022 Computer Replacement Fund Contribution Requirements for Minor Replacements

System Replacement Category	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Network Equipment	\$600,000	\$700,000	\$800,000	\$900,000	\$900,000	\$900,000
Windows & Enterprise Servers	500,000	500,000	500,000	500,000	500,000	500,000
Enterprise Printers	0	0	0	0	0	0
Enterprise Storage	320,000	320,000	320,000	320,000	320,000	320,000
Application Software	20,000	20,000	20,000	20,000	20,000	20,000
Video Conferencing	100,000	25,000	25,000	25,000	25,000	25,000
Network Security	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000
FY 2017 – FY 2022 Required Annual Contribution	\$1,800,000	\$1,825,000	\$1,925,000	\$2,025,000	\$2,025,000	\$2,025,000

Minor Computer System Replacement Fund Financial Summary (in Thousands)

System Replacement Category	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Network Equipment	\$600,000	\$700,000	\$800,000	\$900,000	\$900,000	\$900,000
Windows & Enterprise Servers	500,000	500,000	500,000	500,000	500,000	500,000
Enterprise Printers	0	0	0	0	0	0
Enterprise Storage	320,000	320,000	320,000	320,000	320,000	320,000
Application Software	20,000	20,000	20,000	20,000	20,000	20,000
Video Conferencing	100,000	25,000	25,000	25,000	25,000	25,000
Network Security	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000
FY 2017 – FY 2022 Required Annual Contribution	\$1,800,000	\$1,825,000	\$1,925,000	\$2,025,000	\$2,025,000	\$2,025,000



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 2016, 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 2017 Adopted Budget included the same level of funding as FY 2016 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. In an ongoing commitment to this program the same level of funding as FY 2016 and FY 2017 is included in the FY 2018 Adopted and FY 2019 Projected budget amounts.

The LCPS FY 2018 budget amount of \$12,000,000, which is included in the LCPS Superintendent’s FY 2018 Adopted Budget, 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 2018 budget amount of \$5,500,000 to be paid into the OPEB Trust (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).



County OPEB Trust Fund

Fund Financial Summary

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
County	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000
Schools	12,000,000	12,000,000	12,000,000	12,000,000
Total OPEB Contributions	\$17,500,000	\$17,500,000	\$17,500,000	\$17,500,000



DULLES INDUSTRIAL PARK WATER AND SEWER FUND

The Board of Supervisors established the Dulles Industrial Park Water & 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. Consequently, the revenues and expenditures shown for FY 2018 and FY 2019 are zero.

Fund Financial Summary

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures	\$142,912	\$71,876	\$0	\$0
Revenues	\$142,912	\$71,876	\$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 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures				
Operating and Maintenance	\$2,941,917	\$3,500,000	\$3,500,000	\$3,500,000
Total – Expenditures	\$2,941,917	\$3,500,000	\$3,500,000	\$3,500,000
Revenues				
General Property Taxes	\$2,941,917	\$3,500,000	\$3,500,000	\$3,500,000
Total – Revenues	\$2,941,917	\$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, any individual transported to a medical facility as a result of an emergency call response will have his/her insurance carrier billed for reimbursement to the County agency or Loudoun County Volunteer Company for the incurred costs of the transport. 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.

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%

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 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 including technology infrastructure, facilities maintenance, renovations and additions, apparatus equipment, replacement, debt service and other operational elements required to promote and sustain an effective Combined Fire-Rescue System. 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 is derived directly from the EMS transport reimbursement revenue and is paid first prior to any distribution.



EMS Transport Fund

Fund Financial Summary¹

	FY 2016 Actual	FY 2017 Estimated	FY 2018 Adopted	FY 2019 Projected
Estimated Beginning Fund Balance	\$18,849	\$1,906,970	\$3,544,114	\$5,257,584
Revenues				
Charges for Services	\$3,984,276	\$4,500,000	\$4,500,000	\$4,500,000
Total – Revenues	\$3,984,276	\$4,500,000	\$4,500,000	\$4,500,000
Expenditures				
Personnel	\$275,364	\$474,446 ²	\$299,520	\$308,506
Operating and Maintenance	1,539,985	2,488,410	2,487,010	2,511,880
Other Uses of Funds	280,805	0	0	0
Total – Expenditures	\$2,096,155	\$2,962,856	\$2,786,530	\$2,820,386
Projected Year-End Fund Balance	\$1,906,970	\$3,544,114	\$5,257,584	\$6,937,198
FTE³	3.00	3.00	3.21	3.21

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 be included in the adopted appropriation. The applicable CPI utilized must be certified by the County Treasurer. No change is recommended for FY 2018.

FY 2018 Rate Schedule

	Type	Rate
Service Reimbursement	Basic Life Support, Emergency (BLS)	\$467.00
	Advanced Life Support, Level 1 (ALS-1)	\$660.00
	Advanced Life Support, Level 2 (ALS-2)	\$770.00
Mileage Reimbursement	Per Mile Traveled (applies to all types of service)	\$11.00

¹ Sum may not equal due to rounding.

² FY 2017 Estimated personnel expenditures includes a projection of \$200,000 for a one-time payment of ALS incentive pay from EMS revenues. Beginning in FY 2018, costs associated with this program are budgeted in the General Fund budget of Loudoun County Fire and Rescue.

³ The personnel expenses associated with three 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.



GREENLEA TAX DISTRICT FUND

In its 2008 Special Session, the Virginia General Assembly passed legislation amending §15.2-2404 of the Virginia State Code 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 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures	\$35,031	\$44,038	\$44,038	\$44,038
Revenues	\$33,872	\$44,038	\$44,038	\$44,038



HOUSING FUND

Revenue collected in the County of Loudoun Housing Fund is generated through the sale of Affordable Dwelling Units (ADUs) sold at market price, cash proffers specifically designated to the Trust, ADUs that have been sold at market price upon expiration of the 15 year covenant, and the provision of cash in lieu of constructing ADUs as the result of a Board of Supervisors approved zoning modification. The Trust is governed by an agreement which was adopted by the Board of Supervisors in 1997. Expenditures within this fund, as determined by the Board in a specific allocation action, include funding for specific County programs and initiatives. They include the Down Payment and Closing Cost (DPCC) program, the Public Employee Homeownership Grant (PEG) program, the ADU Foreclosure Purchase program, the ADU Purchase program, the Housing Funds Application process for Non-profit Developers, grant match to the federal grant for the now completed Neighborhood Stabilization Program, and the funds used in 2005 to pay for a title review of ADUs for the identification of ADUs that had been over-financed. Expenditures in FY 2017, FY 2018, and beyond include additional activity in program areas.

Until FY 2016, the Board has not appropriated this fund during the budget process; instead, appropriations have been made as they are needed. In an effort to standardize the process, this fund was included within the proposed budget for appropriation during the budget process.

Fund Financial Summary

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures				
Operating And Maintenance	\$141,710	\$5,000,000	\$5,000,000	\$5,000,000
Total – Expenditures	\$141,710	\$5,000,000	\$5,000,000	\$5,000,000
Revenues				
Use of Money And Property	\$1,997	\$0	\$0	\$0
Miscellaneous Revenue	1,414,613	5,000,000	5,000,000	5,000,000
Recovered Costs	117	0	0	0
Total – Revenues	\$1,416,727	\$5,000,000	\$5,000,000	\$5,000,000



LEGAL RESOURCE CENTER FUND (LAW LIBRARY)

The mission of the Law Library is to provide resources and reference services that address the legal information needs of Loudoun County government, court personnel, attorneys, the local prison population, and the general public. The Law Library provides a collection of legal materials and electronic databases that are needed, heavily used, and not generally available elsewhere in Loudoun County. The full-time Legal Resources Specialist (1.00 FTE) selects, purchases, shelves, and updates materials.

The library is open 8:00 a.m. to 4:00 p.m., Monday through Friday. During these hours, the Legal Resources Specialist is available to provide reference service, bibliographic instruction, copier service, and online access. Attorneys and court personnel can also access the collection at other times during the workweek. The Legal Resources Specialist responds to patrons' requests received in person and by phone or e-mail and prisoner requests submitted by the Office of the Sheriff.

During FY 2017, the Law Library was transferred from the Clerk of the Circuit Court's Office to the Department of Library Services. The Law Library had been a part of the Clerk's Office for many years. Because of the synergies of the Law Library with the Department of Library Services, the transfer occurred during FY 2017. Library Services staff now provide assistance at the Law Library when the Legal Resources Specialist is unavailable.

Fund Financial Summary¹

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures				
Personnel	\$85,814	\$81,719	\$95,592	\$98,460
Operating and Maintenance	8,300	5,937	5,000	5,050
Total – Expenditures	\$94,114	\$87,656	\$100,592	\$103,510
Revenues				
Charges For Services	\$45,489	\$49,000	\$44,980	\$44,980
Miscellaneous Revenue ²	0	20,000	0	0
Intergovernmental - Commonwealth	0	18,656	0	0
Total – Revenues	\$45,489	\$87,656	\$44,980	\$44,980
Local Tax Funding	\$52,703	\$0	\$55,612	\$58,530
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, which is presented as Local Tax Funding, is included 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 in the future and will necessitate a transfer from the General Fund to balance the expenditures with the revenues in this fund.

The FY 2019 Projected Personnel Expenditures budget is 3% higher than the FY 2018 Adopted Budget and the FY 2019 Operating and Maintenance Expenditures budget is 1% higher than the FY 2018 Adopted Budget.

¹ Sums may not equal due to rounding.

² The FY 2017 budget amount is for private donations for the fund. For example, periodically, the Loudoun Bar Association submits a donation for the law library.



MAJOR EQUIPMENT REPLACEMENT FUND

The Major Equipment Replacement Fund (MERF) 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 resources in the General Fund budget or through mid-year use of fund balance.

The FY 2018 Adopted Budget allocates \$4,000,000 in local tax funding to the Major Equipment Replacement Fund to allow for replacement of selected major equipment during FY 2018. Following is a fund summary, as well as planned uses for FY 2018.

Fund Financial Summary

	FY 2016 Actual	FY 2017 Estimated	FY 2018 Adopted	FY 2019 Projected
Revenues				
Projected Beginning Fund Balance	\$0	\$831,000	\$1,565,460	\$2,940,460
Transfer from the General Fund	4,000,000	4,000,000	4,000,000	4,000,000
Total – Revenues	\$4,000,000	\$4,831,000	\$5,565,460	\$6,940,460
Expenditures				
Operations and Maintenance	\$0	\$200,000	\$0	\$0
Capital Outlay	1,023,080	1,824,523	1,000,000	3,600,000
Other Uses of Funds	0	\$1,241,017	1,625,000	0
Total – Expenditures	\$1,023,080	\$3,265,540	\$2,625,000	\$3,600,000
Available Year-End Fund Balance	\$2,976,920	\$1,565,460	\$2,940,460	\$3,340,460

FY 2017 Estimated Expenditures

Department	Asset	Expenditure
Operations and Maintenance		
Management and Budget	Fixed Asset Life Cycle and Replacement Analysis	\$200,000
Subtotal – Operations and Maintenance		\$200,000
Capital Outlay		
Building and Development	Audio and Visual System Replacement (4 units)	\$38,776
Fire and Rescue	Audio and Visual Equipment Replacement for Training Facility	47,601
General Services	Bobcat Excavator	56,978
General Services	Vertical Lift Machine	18,530
Parks, Recreation, and Community Services	Parks Ballfield and Grounds Maintenance Equipment	612,193
Parks, Recreation, and Community Services	Claude Moore Recreation Center Fitness Equipment Replacement	500,000
Sheriff's Office	High Density Storage Systems – Phase 2	50,445
Projected Other Replacements		500,000
Subtotal – Capital Outlay		\$1,824,523



Major Equipment Replacement Fund

Department	Asset	Expenditure
Other Uses of Funds		
Fire and Rescue	Self-Contained Breathing Apparatus (SCBA) Replacement	\$1,241,017
Total – Other Uses of Funds		\$1,241,017
Total – FY 2017 Estimated Expenditures		\$3,265,540

FY 2018 Proposed Expenditures

The Department of Information Technology is budgeted for \$1.625 million in FY 2018 to initiate the first phase of the Public Safety Radio System replacement. This project phase will focus on replacing the redundancy and resiliency equipment to the County's public safety radio system. The scope of work consists of replacing the public safety system Microwave Links, change T1 Site Links to Ethernet, adding a Redundant Prime Site, and add Dynamic System Resilience (DSR)/Redundant Master Site. This system infrastructure is a critical component to public safety field communications and dispatching calls for service. The system replacement will occur in three phases from FY 2018 to FY 2020, and must be addressed for capability purposes with the new Computer-Aided Dispatch system.

The Department of Parks, Recreation, and Community Services has an allocation of \$500,000 in FY 2018 to continue the replacement of its aging parks and ballfield maintenance equipment. This equipment is essential to the grounds operations for beautification, field preparation for recreation programs, and brush and trail maintenance at the various County facilities and properties. This equipment consists of tractors, utility vehicles, ballfield drags, mowers, Bobcat excavators, and related equipment attachments.

Department	Asset	Expenditure
Capital Outlay		
Parks, Recreation, and Community Services	Ballfield and Grounds Maintenance Equipment	500,000
Projected Other Uses		500,000
Subtotal – Capital Outlay		\$1,000,000
Other Uses of Funds		
Information Technology	Public Safety Radio System Replacement	\$1,625,000
Subtotal – Other Uses of Funds		\$1,625,000
Total – FY 2018 Proposed Expenditures		\$2,625,000





PUBLIC FACILITIES FUND

Developer contributions, also known as proffers, provide resources that assist in developing capital facilities in the Capital Improvement Program (CIP). Proffers are cash contributions, dedicated land, and/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 rezonings, or changes in the planned use of land and/or higher residential densities on a property, which may generate significant capital facility costs. When a developer is granted a rezoning that changes the use of land parcels from commercial to residential uses, or to higher density residential uses, those new housing units generate a need for County services and capital facilities such as schools, parks, libraries, etc. at a higher rate than the pre-existing base zoning of the parcel. The development community offers proffer contributions to help offset these future capital costs.

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 Loudoun County Zoning Administrator is vested with all necessary authority to administer and enforce proffers and, per statute, holds the final authority to adjudicate the eligibility of proffers for public facility uses.

In 2001, the General Accounting Standards Board (GASB) issued GASB 34, the account reporting standard for local governments. Prior to GASB 34, proffers had been reported as transfers from the Public Facilities Fund to particular capital projects. Since FY 2002, the County is required to budget proffer funds and report them in its annual financial report. The County began budgeting appropriated proffers in the Public Facilities Fund in FY 2003.

Until recently, land proffers were budgeted at a pre-zoned assessed value with the final value of the land proffer established at the time of conveyance. In 2005, the Board of Supervisors initiated a Comprehensive Plan Amendment (CPAM) which included a revision to the proffered land policy. CPAM 2006-0001, "Proffered Land Sites Credit Methodology," was approved by the Board of Supervisors on June 14, 2006. Per this policy, land proffers dedicated to the County are valued at the market rate for the planned land use of the parcel. In-kind proffers are budgeted at an estimated value based on current construction market trends. The values of in-kind assets are verified at the time the work is completed. Cash proffers are budgeted in the Public Facilities Fund and shown as transfers into the Capital Fund, Transportation District Fund, General Fund or Debt Service Fund as applicable.

The FY 2018 CIP uses \$90,020,903 in cash proffers in the six-year CIP timeframe. Typically, the use of cash proffers offsets approximately 2.0% of total expenditures in the six-year CIP. Planned cash proffer appropriations offset 4.4% of planned expenditures in the six-year CIP.

Fund Financial Summary

Programmatic Category	Cash Proffer
	Amount
General Government	\$505,000
Libraries	\$70,000
Parks	\$76,988,462
Roads	\$5,653,251
Schools	\$4,880,000
Transit	\$1,924,190
Total:	\$90,020,903



Public Facilities Fund

There are several reasons for the increased use of cash proffers in the six-year CIP:

- Residential zoning permit issuance increased with the improvement of the economy. Cash proffers are typically paid to the County at the time of occupancy or zoning permit issuance for residential housing units. The increase in the issuance of zoning and occupancy permits increases the amount of cash proffers collected by the County.
- New residential zoning permits are issued predominantly in the Ashburn and Dulles areas of the County, where most new residential growth is planned. The CIP includes several significant projects in the Ashburn and Dulles areas that cash proffers can be applied to. Previous CIP budgets included many projects in the Leesburg area where cash proffers were not collected in quantities high enough to offset project costs.
- Proffer statement conditions are written with more flexibility regarding the use of cash proffers, allowing the County to program the use of cash proffers in the CIP more easily than in the past, and deliver needed public facilities in a timely manner.
- Funding for transportation increased from several different sources (\$0.02 local tax funding dedicated to roads, NVTAR Regional and Local funds, State Revenue Sharing funding, etc.), giving the County the ability to develop large road, interchange and transit projects that were not previously possible. The presence of significant transportation projects in the CIP makes it possible to program the use of cash proffers to provide funding for projects that improve the County's transportation network.

FY 2017 – FY 2022 Public Facilities Fund

The FY 2017 – FY 2022 Adopted Public Facilities Fund utilizes \$90,020,903 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.

Public Facilities Fund Financial Summary

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Revenues							
Public Facilities Fund							
Cash Proffers	\$38,548,540	\$46,388,124	\$500,000	\$3,008,190	\$0	\$266,173	\$88,711,027
Cash Proffer Interest	739,876	570,000	0	0	0	0	1,309,876
In-Kind Proffers	0	0	0	0	0	0	0
Total Expenditures	\$39,288,416	\$46,958,124	\$500,000	\$3,008,190	\$0	\$266,173	\$90,020,903

The FY 2018 cash proffer appropriations 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.



Public Facilities Fund

FY 2017 Public Facilities Fund

	ZMAP	Development	SEQ#	AMOUNT
Ashburn Senior Center	ZMAP-2004-0013	ALEXANDERS CHASE	99066799	\$624,496.28
	ZMAP-2002-0019	AMBERLEIGH	99065148	\$1,312,168.32
	ZMAP-1994-0012	ASHBROOK	96094650	\$0.03
	ZMAP-1994-0012	ASHBROOK	97020070	\$0.37
	ZMAP-2005-0017	ASHBURN PLACE	99066989	\$341,340.06
	ZMAP-1994-0013	ASHBURN RUN (1)	99062711	\$0.50
	ZMAP-1986-0032	ASHLEIGH	96031115	\$0.13
	ZMAP-2005-0019	BELMONT ESTATES	99071228	\$1,318,304.27
	ZCPA-1991-0007	BELMONT FARMS GRAVES LANE	96014720	\$0.22
	ZCPA-1993-0006	BELMONT FOREST	95070019	\$0.07
	ZMAP-1986-0047	BELMONT FOREST	96111451	\$0.79
	ZCPA-2009-0007	BELMONT GLEN VILLAGE	99072299	\$1,236,420.96
	ZCPA-2011-0002	BROADLANDS SOUTH SECTION 200	99073353	\$564,297.18
	ZMAP-1999-0005	CEDAR RIDGE	99063646	\$0.72
	ZMAP-1989-0039	COURTS OF ASHBURN	96023105	\$7.97
	ZMAP-2005-0026	ERICKSON RETIREMENT COMMUNITIES	99067825	\$1,739,849.66
	ZMAP-1999-0023	HUNT AT BELMONT COUNTRY C- BLES / WELLER	99064224	\$0.09
	ZMAP-1990-0015	LOUDOUN PARKWAY CENTER	97040470	\$146,584.54
	ZMAP-2002-0016	ONE LOUDOUN CENTER	99065895	\$206,089.45
	ZMAP-2000-0003	POTTER PROPERTY	99063216	\$0.39
	ZCPA-1992-0001	PRIMROSE VILLAGE (WARNER) PROFFERS	97020051	\$0.56
	ZMAP-1993-0002	RIDGES AT ASHBURN	95060028	\$9.45
	ZMAP-1994-0016	RYANS RIDGE	96061154	\$35.95
	ZMAP-1995-0002	SUNVALLEY MEWS	96061817	\$0.56
	ZMAP-1990-0008	TOLL ROAD PLAZA	95120227	\$471,230.33
	ZMAP-2004-0023	TOWNS AT BELMONT RIDGE	99067483	\$323,796.19
	ZMAP-1994-0003	WORTMAN PROPERTY	95060003	\$364.96
				\$8,285,000.00
Town of Round Hill - Sleeter Lake Park	ZMAP	Development	SEQ#	AMOUNT
		CASH PROFFER INTEREST		\$173,462.00
				\$173,462.00
Town of Hamilton Pedestrian Improvements	ZMAP	Development	SEQ#	AMOUNT
		CASH PROFFER INTEREST		\$566,414.00
				\$566,414.00
Loudoun County High School Naval JROTC Facility Renovations	ZMAP	Development	SEQ#	AMOUNT
		TOWN OF LEESBURG CASH PROFFERS		\$3,130,000.00
				\$3,130,000.00



Public Facilities Fund

FY 2017 Public Facilities Fund

	ZMAP	Development	SEQ#	AMOUNT
CS Monroe Center Conversion		TOWN OF LEESBURG CASH PROFFERS		\$1,750,000.00
				\$1,750,000.00

	ZMAP	Development	SEQ#	AMOUNT
Hal and Berni Hanson Regional Park	ZMAP-2006-0015	ARCOLA CENTER	99072078	\$1,244,047.03
	ZMAP-2003-0014	BELMONT TRACE	99066151	\$0.33
	ZMAP-2002-0020	BRADDOCK CORNER	99065503	\$82,863.52
	ZMAP-2002-0003	C D SMITH PROPERTY	99066684	\$4,693,301.38
	ZMAP-2011-0004	CARDINE TORRIS	99073555	\$399,858.00
	ZMAP-2004-0022	DAWSONS CORNER	99066972	\$2,877,344.04
	ZMAP-2004-0020	EAST GATE ONE	99066957	\$1,945,554.71
	ZMAP-2005-0003	EAST GATE THREE	99066965	\$323,880.40
	ZMAP-2004-0004	ESTATES AT ELK RUN	99067198	\$0.75
	ZMAP-2003-0007	GRAHAM FLYNN BIGGERS	99065973	\$274,258.90
	ZMAP-2003-0002	GREENFIELD CROSSING	99066271	\$313,260.08
	ZMAP-2005-0016	KIMMITT PROPERTY	99066982	\$241,904.60
	ZCPA-2010-0002	KIRKPATRICK FARMS - LUNETTE HOUSE	99070577	\$200,000.00
	ZMAP-2002-0001	KIRKPATRICK WEST	99066954	\$938,109.70
	ZMAP-2003-0004	MASIRA	99066116	\$0.74
	ZMAP-2001-0004	PINEBROOK VILLAGE	99064554	\$1,479,003.16
	ZMAP-2002-0023	PROVIDENCE GLEN	99066058	\$1,221,922.89
	ZMAP-2005-0007	RESERVE AT SOUTH RIDING I	99067694	\$203,931.24
	ZMAP-2005-0014	RESERVE AT SOUTH RIDING II	99067719	\$1,328.79
	ZMAP-2005-0001	SEVEN HILLS	99066992	\$1,851,687.88
	ZMAP-1994-0017	STONE RIDGE	96073609	\$56,138.26
	ZMAP-2002-0022	TOWNES AT EAST GATE	99066557	\$3,522,518.34
	ZMAP-2004-0019	TREBURG	99067641	\$0.26
	ZMAP-2006-0008	WHITE OAK CREST	99071264	\$740,593.92
	ZMAP-2005-0044	WOODBURN	99068359	943,491.08
				\$23,555,000.00

	ZMAP	Development	SEQ#	AMOUNT
Transit Buses	ZMAP-2004-0004	Estates at Elk Run	99067195	\$118,730.49
	ZMAP-2008-0007	Fairfield at Ryan's Corner	99070332	\$296,421.92
	ZMAP-2006-0007	Glascok Field at Stone Ridge	99071138	\$84,823.87
	ZMAP-2002-0005	Loudoun Station	99064848	\$22.94
	ZMAP-2006-0003	Morley Corner	99069013	\$0.38
	ZMAP-2005-0039	Victoria Station	99068232	\$0.40
				\$500,000.00

	ZMAP	Development	SEQ#	AMOUNT
Route 606 Widening	ZMAP-1986-0012	BROAD RUN	97060952	\$16,000.00
	ZMAP-1988-0200	TURNER PROPERTY (AKA WESTWIND 606)	99066519	\$268,000.00
				\$284,000.00



Public Facilities Fund

	ZMAP	Development	SEQ#	AMOUNT
Sterling Boulevard Extension	ZMAP-2005-0038	TOWNES AT AUTUMN OAKS	99068700	\$28,000.00
				\$28,000.00

FY 2017 Total: \$38,271,876¹

FY 2018 Public Facilities Fund

	ZMAP	Development	SEQ#	AMOUNT
Ashburn Recreation & Community Center	ZMAP-1996-0001	BELMONT BLUFF	99041858	\$33,592.84
	ZMAP-2008-0007	FAIRFIELD AT RYANS CORNER	99070315	\$7,945,144.88
	ZMAP-1999-0021	FAIRFIELD RESIDENTIAL AT SILO CREEK	99063314	\$599,514.00
	ZMAP-2002-0009	GOOSE CREEK PRESERVE	99066199	\$3,781,357.50
	ZMAP-2003-0008	GOOSE CREEK VILLAGE NORTH	99067537	\$6,941,347.20
	ZMAP-2003-0009	GOOSE CREEK VILLAGE SOUTH	99066235	\$0.84
	ZMAP-2003-0006	LANDSLOWNE VILLAGE GREENS	99066408	\$2,180,962.09
	ZMAP-2002-0004	RESERVE AT BELLE TERRA, THE	99064798	\$707,483.53
	ZMAP-2004-0018	RESERVE AT WAXPOOL	99067444	\$1,174,415.92
	ZMAP-2005-0004	STONEGATE	99067390	\$2,752,563.88
	ZMAP-2012-0003	WALTONWOOD ASHBURN	99074006	543,617.32
				\$26,660,000.00

	ZMAP	Development	SEQ#	AMOUNT
Claude Moore Recreation Center	ZMAP-2002-0017	PARC DULLES II	99072361	\$5,000,000.00
				\$5,000,000.00

	ZMAP	Development	SEQ#	AMOUNT
Hal and Berni Hanson Regional Park	ZMAP-2005-0001	SEVEN HILLS	99066992	\$3,518,857.17
	ZMAP-2002-0003	C D SMITH PROPERTY	99066684	\$3,559,768.49
	ZMAP-2003-0012	BRADDOCK CROSSING	99066770	\$921,511.11
	ZMAP-2004-0022	DAWSONS CORNER	99066972	\$1,115,062.07
	ZMAP-2002-0001	KIRKPATRICK WEST	99066954	\$1,147,556.64
	ZMAP-2006-0015	ARCOLA CENTER	99072078	\$1,445,501.78
	ZMAP-2011-0004	CARDINE TORRIS	99073555	\$482,324.40
	ZMAP-2006-0008	WHITE OAK CREST	99071264	\$469,119.99
	ZMAP-1994-0017	STONE RIDGE	96075440	\$212,565.71
	ZMAP-2005-0003	EAST GATE THREE	99066965	\$197,354.40
	ZMAP-2004-0020	EAST GATE ONE	99066957	\$123,579.40
	ZMAP-1995-0014	KIRKPATRICK FARMS	99064418	\$56,798.84
				\$13,250,000.00

¹ The FY 2017 Adopted Budget did not include an appropriation for the Shaw Road project in the amount of \$1,016,540. The \$1,016,540 was appropriated as a mid-year supplemental increasing the FY 2017 Public Facilities Fund total to \$39,388,416.



Public Facilities Fund

Town of Round Hill - Sleeter Lake Park	ZMAP	Development	SEQ#	AMOUNT
		CASH PROFFER INTEREST		\$65,000.00
				\$65,000.00

FY 2018 Public Facilities Fund

Town of Hillsboro Drinking Water	ZMAP	Development	SEQ#	AMOUNT
		CASH PROFFER INTEREST		\$425,000.00
				\$425,000.00

Town of Hillsboro Old Stone School / Town Hall	ZMAP	Development	SEQ#	AMOUNT
		CASH PROFFER INTEREST		\$80,000.00
				\$80,000.00

Waxpool/Loudoun County Parkway	ZMAP	Development	SEQ#	AMOUNT
	SPEX-1998-0017	ASHBURN CORPORATE CENTER L 2-17	99062646	\$80.00
	SPEX-1999-0026	BEAUMEADE CORP CTR LOTS 29 & 30	99062184	\$19.00
	ZMAP-2011-0006	DIGITAL LOUDOUN	99073025	\$376,953.00
	ZMAP-1999-0021	FAIRFIELD RESIDENTIAL AT SILO CREEK	99063323	\$332.00
	ZMAP-2002-0016	ONE LOUDOUN CENTER	99064780	\$600,000.00
	ZMAP-1985-0014	SYSTEMATICS GENERAL	96090747	\$740.00
				\$978,124.00

Transit Buses	ZMAP	Development	SEQ#	AMOUNT
	ZMAP-2000-0005	BODMER PROPERTY	99063410	\$0.50
	ZMAP-2005-0041	DULLES PARKWAY CENTER	99071348	\$41,305.36
	ZMAP-2008-0007	FAIRFIELD AT RYANS CORNER	99070324	\$886.00
	ZMAP-2006-0007	GLASCOCK FIELD AT STONE RIDGE	99071138	\$21,930.80
	ZMAP-2002-0011	LOUDOUN VALLEY ESTATES II	99065673	\$426,946.67
	ZMAP-2001-0004	PINEBROOK VILLAGE	99064556	\$8,367.48
	ZMAP-2002-0004	RESERVE AT BELLE TERRACE	99064797	\$0.21
	ZMAP-2005-0014	RESERVE AT SOUTH RIDING	99067718	\$562.50
	ZMAP-2004-0018	RESERVE AT WAXPOOL	99067442	\$0.09
	ZMAP-2001-0010	SOUTH RIDING STATION	99066363	\$0.39
				500,000.00

FY 2018 Total: \$46,958,124



Public Facilities Fund

FY 2019 Public Facilities Fund

	ZMAP	Development	SEQ#	AMOUNT
Transit Buses	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
				500,000.00

FY 2019 Total: \$500,000

FY 2020 Public Facilities Fund

	ZMAP	Development	SEQ#	AMOUNT
Brambleton Library	ZMAP-1993-0005	BRAMBLETON (1)	99064107	\$70,000.00
				\$70,000.00

	ZMAP	Development	SEQ#	AMOUNT
Dulles West Boulevard (Arcola Blvd to Loudoun County Pkwy)	ZMAP-2004-0016	DULLES LANDING	99069627	\$2,514,000.00
				\$2,514,000.00

	ZMAP	Development	SEQ#	AMOUNT
Transit Buses	ZMAP-2004-0020	EAST GATE ONE	99066962	\$214,900.00
	ZMAP-2002-0003	C D SMITH PROPERTY	99066683	\$209,290.00
				424,190.00

FY 2020 Total: \$3,008,190

FY 2022 Public Facilities Fund

	ZMAP	Development	SEQ#	AMOUNT
Atlantic Boulevard Pedestrian Improvements	ZMAP-1995-0015	VESTALS GAP CENTER	97101649	\$9,974.95
	SPEX-2001-0034	DULLES TOWN CROSSING STAY HOTELS	99064492	\$63,443.93
				\$73,418.88

	ZMAP	Development	SEQ#	AMOUNT
Northstar Boulevard (80) (Tall Cedars to Braddock)	ZMAP-1999-0006	EAST RIDING ESTATES	99063787	\$87,123.52
	ZMAP-2000-0008	DEAN PROPERTY	99065413	\$105,630.72
				\$192,754.24

FY 2022 Total: \$266,173.12



RENTAL ASSISTANCE PROGRAM FUND

In 1977, Loudoun County Housing Services, now a part of the Department of Family Services, executed its first agreement with the Virginia Housing Development Authority (VHDA) to serve as the local administering agency of the Housing Choice Voucher (HCV) Rental Assistance Program. This Federal Rental Assistance Program is funded by the U.S. Department of Housing and Urban Development (HUD). Prior to FY 2002, funding was passed through VHDA to Loudoun. Loudoun County executed agreements with VHDA and HUD to transfer the administration of the Housing Choice Voucher Program from passing through VHDA to going directly from HUD to County administration. This took effect July 1, 2001 (FY 2002). The program's purpose is to provide low-income families safe, and sanitary housing at prices which they can afford. The program provides rent subsidies for eligible low-income families and disabled or elderly persons. All housing types are eligible (i.e., single-family homes, duplexes, condominiums, and apartments) providing they meet Housing and HUD Housing Quality Standards.

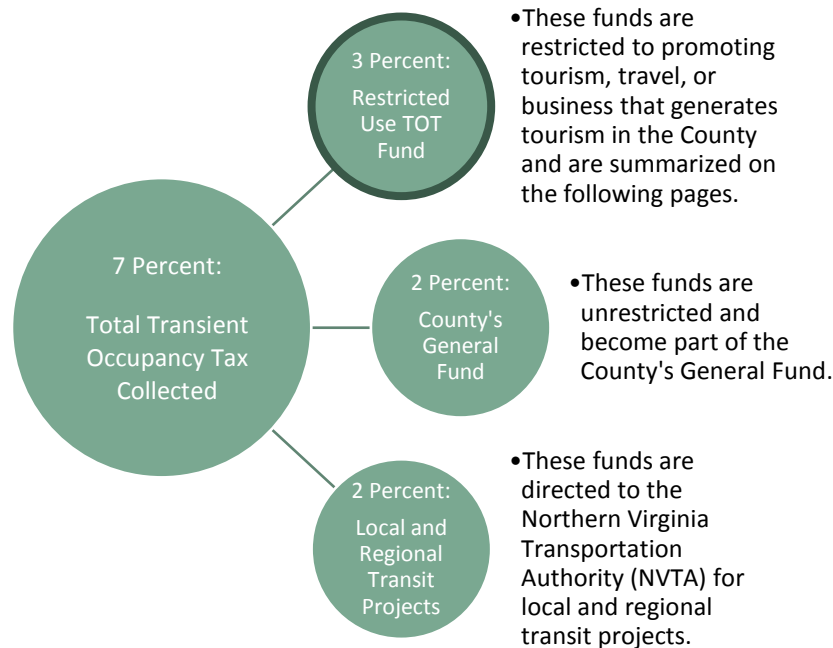
Fund Financial Summary

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures	\$8,031,462	\$8,528,784	\$8,562,118	\$8,549,562
Revenues	\$8,016,297	\$8,448,378	\$8,481,712	\$8,469,156
Local Tax Funding	\$15,165	\$80,406	\$80,406	\$80,406
FTE Summary	9.25	9.25	9.25	9.25

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 revised in June 2016. The Funding Policy guides the Board of Supervisors in its efforts to strategically and proactively impact tourism in Loudoun County. The Board's funding priorities are:

- **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 program. 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. 15 percent of the forecasted Restricted TOT revenues 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

Fund Financial Summary

	FY 2016 Actual	FY 2017 Estimated	FY 2018 Adopted	FY 2019 Projected ¹
Resources				
Projected Beginning Fund Balance	\$553,406	\$1,250,440	\$813,092	\$1,197,347
Estimated Restricted TOT Revenue	3,384,081	3,500,000	3,530,000	3,600,000
Total Projected Restricted TOT Resources	\$3,937,487	\$4,750,440	\$4,343,092	\$4,797,347
Board Approved Uses or Reserves				
Visit Loudoun	\$2,254,000	\$2,908,125	\$2,647,500	\$2,700,000
Transfers To County Funds ²	383,047	673,223	404,045	408,610
Waterford Fair	0	150,000	0	0
Loudoun Museum	0	156,000	0	0
Funding Requests				
Visit Loudoun Sports Grants	50,000	50,000	50,000	50,000
Visit Loudoun International Travel	0	0	22,100	22,100
Economic Development Authority International Travel	0	0	22,100	22,100
Total Projected Restricted TOT Uses	\$2,687,047	\$3,697,348	\$3,145,745	\$3,202,810
Year-End Restricted TOT Balance	\$1,250,440	\$813,092	\$1,197,347	\$1,594,537
<i>Mandated Restricted Reserve</i>	<i>359,100</i>	<i>387,750</i>	<i>353,000</i>	<i>360,000</i>
Projected Fund Balance Less Mandated Reserve	\$891,340	\$425,342	\$844,347	\$1,234,537

The FY 2018 Adopted Budget for the Restricted TOT Fund was prepared with a projected revenue of \$3,530,000, a 1 percent increase over the FY 2017 estimated revenue of \$3,500,000. The FY 2017 Adopted revenue for the Restricted TOT fund was \$3,877,809. The \$377,809 reduction in revenue from the FY 2017 Adopted Budget to the FY 2017 estimation in the FY 2018 Adopted Budget is attributable to a lower-than-expected increase in the average price of a room rental in 2016. The most recent forecasts for future hotel room prices exhibit lower rates of increase than was true a year ago, however the recent occupancy rates of Loudoun hotels have been at historically high levels which are expected to continue. The Board of Supervisors mandate that 10 percent of projected revenue is to be held in reserve. The projected restricted reserve for FY 2018 is \$353,000.

¹ FY 2019 Projections are derived from projections provided by the County to the NVTa.

² 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 ongoing EE Lake General Store Project.



Restricted Use Transient Occupancy Tax Fund

Transfers to other County Funds by Department from the Restricted TOT Fund

Transfers to the General Fund	FY 2016 Actual	FY 2017 Estimated	FY 2018 Adopted	FY 2019 Projected
Department of Economic Development	\$184,078	\$196,300	\$203,050	\$205,119
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 Administrator¹	\$81,189	\$84,143	\$83,215	\$85,711
Office of Emergency Management				
Restricted TOT funding is used to offset the costs 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; assist in the development of emergency contingency plans; aid in identifying ways to minimize the impact on the surrounding community; and, in many instances, provide 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 such as tournaments, 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	\$383,047	\$398,223	\$404,045	\$408,610
Transfers to the Capital Fund				
EE Lake General Store	\$0	\$275,000	\$0	\$0
The EE Lake General Store is a current 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 of the County. Included in the work are structural repairs, improvements to address safety and code compliance, and renovations for ADA compliance and public restrooms. This transfer was approved by the Board during FY 2017.				
Total Transfer to the Capital Fund	\$0	\$275,000	\$0	\$0
Total Transfers to County Funds	\$383,047	\$673,223	\$404,045	\$408,610

¹ This transfer was previously made to the Department of Fire, Rescue and Emergency Management, which was reorganized into Fire and Rescue 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

Contributions to External Organizations from the Restricted TOT Fund

Summary of Proposed Contributions to External Organizations	FY 2016 Actual	FY 2017 Estimated	FY 2018 Adopted	FY 2019 Projected
Visit Loudoun	\$2,254,000	\$2,908,125	\$2,647,500	\$2,700,000
Visit Loudoun is Loudoun County's designated destination management organization for Loudoun County and primary programmatic element of Loudoun County's travel and tourism promotion efforts. Visit Loudoun receives 75 percent of projected Restricted TOT revenue appropriated by the County each year per the County's Memorandum of Understanding with Visit Loudoun, dated June 23, 2016.				
Visit Loudoun Sports Tournament Grant Program	\$50,000	\$50,000	\$50,000	\$50,000
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 perfectly suited 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 Loudoun Board of Supervisors in March 2006. The program is designed to support bids on sports tournaments, including human and animal events that will generate the greatest return on investment in terms of visitor spending in Loudoun. A competitive application process encourages cooperation, ensures that the tournaments can be accommodated, and increases their success.				
Visit Loudoun International Travel Strategic Tourism Initiatives	\$0	\$0	\$22,100	\$22,100
This expenditure category is new for 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.				
Economic Development Authority International Travel	\$0	\$0	\$22,100	\$22,100
This expenditure category is new for 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.				
The Waterford Foundation Waterford Fair	\$0	\$150,000	\$0	\$0
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 is one-time in nature.				
The Loudoun Museum	\$0	\$156,000	\$0	\$0
The Loudoun Museum is a small museum that 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. During FY 2017, the Board approved a MOA with the Loudoun Museum that provided \$156,000 in funding to support operations of the museum.				
Total Contributions to External Organizations	\$2,304,000	\$3,264,125	\$2,741,700	\$2,794,200



Restricted Use Transient Occupancy Tax Fund

Restricted Use Transient Occupancy Tax (TOT) Funding Policy Adopted by the Loudoun County Board of Supervisors July 19, 2005 Revised Through June 23, 2016

I. Purpose:

- a. To provide the Loudoun County Board of Supervisors with the opportunity to strategically and proactively impact tourism in Loudoun County through the sustained investment in the provision of core tourism services.
- b. To enable targeted investment in high priority tourism projects that advance Loudoun's strategic tourism objectives.
- c. To maximize tax relief to the general fund by increasing Restricted Transient Occupancy Tax revenues.

II. Funding Guidelines:

- a. Use of funds must meet the purposes set out for the Restricted Transient Occupancy Tax as stated in 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." While it is recognized that this is a broad criteria, it will be incumbent on the entity requesting the funds to show how they meet this requirement.

III. Tourism Priorities:

- a. Priorities of funding for the revenues generated by the Restricted Transient Occupancy Tax will be as follows:
 1. **Core Tourism Services** to sustain Loudoun's tourism base and competitively position Loudoun County to attract visitors; and
 2. **Strategic Tourism Growth Initiatives** to expand Loudoun's tourism base by implementing high priority projects that are compatible with the programmatic elements of the Loudoun County Tourism Destination Strategy.

IV. Development of the Loudoun Tourism Destination Strategy:

- a. Loudoun County will develop and adopt a 5-year Tourism Destination Strategy, to be followed by a 4-year Tourism Destination Strategy, that will guide the marketing, promotion and product development of Loudoun's tourism sector.
- b. The Loudoun Convention and Visitors Association, Inc. (d/b/a "Visit Loudoun"), as the primary programmatic element of Loudoun County's travel and tourism promotion, will coordinate the Tourism Destination Strategy development process.
- c. The development of the Tourism Destination Strategy will include broad participation from tourism industry sectors, citizens, advisory boards (such as Economic Development Commission, Rural Economic Development Council, Parks and Recreation Advisory Board), elected officials, and others.
- d. The Tourism Destination Strategy will be reviewed annually by the Board of Supervisors, with the Economic Development Advisory Commission, Visit Loudoun, and industry partners. This annual review will identify and prioritize Strategic Tourism Growth Initiatives.



Restricted Use Transient Occupancy Tax Fund

V. Funding Policy for Core Tourism Services:

- a. Core Tourism Services will be defined and measured based upon standards recommended by Destination Marketing Association International. The detailed definition will be included as part of the Memorandum of Understanding (MOU) between Loudoun County and Visit Loudoun.
- b. Loudoun County will develop a 5-year MOU, to be followed by a 4-year MOU, with Visit Loudoun to provide Core Tourism Services as defined therein.
- c. Seventy-five (75) percent of the projected Restricted Transient Occupancy Tax funds will be allocated annually to Visit Loudoun to perform Core Tourism Services.
- d. Visit Loudoun will report twice-annually to the Board of Supervisors, or one of its Committees, regarding its performance in the delivery of Core Tourism Services.
- e. The Board may consider specific funding requests for the provision of Core Tourism Services by organizations other than Visit Loudoun as a part of the funding process for Strategic Tourism Growth Initiatives defined in section VI.

VI. Funding Policy for Strategic Tourism Growth Initiatives:

- a. Projects to be funded as Strategic Tourism Growth Initiatives will be identified and prioritized as a part of the County's annual budget process.
- b. Specified projects may be funded by Board direction, competitive procurement, grants to non-profit entities, or transfers to County agencies or Visit Loudoun.
- c. Unallocated funds may be carried over by the County or grant recipients to the following year to use as a reserve or for multi-year projects.
- d. The Board will maintain a reserve of 10 percent of actual Restricted TOT Revenues, to be adjusted at the end of each fiscal year, for use during years in which revenues received are less than projected.
- e. It is the Board's policy that non-profit entities receiving public funds for a specific project through other means (such as through Visit Loudoun, CDBG, Regional Organizations funding, general fund non-profit grants or other such programs), will not be eligible for Restricted TOT grants.
- f. Visit Loudoun and the Department of Economic Development will work together during the County budget development process to provide the Board with recommendations regarding funds to be allocated to the Economic Development Authority and to Visit Loudoun for travel expenses where local representatives, subject matter experts, or Visit Loudoun staff may provide a strategic benefit.
- g. The funding process for Strategic Tourism Growth initiatives shall be as follows:
 1. Funding for Strategic Tourism Growth initiatives will be considered as part of the County budget development process.
 2. Upon closing of the financial books for the previous fiscal year, staff will bring a year-end report of the Restricted TOT Fund to the Board of Supervisors, or one of its Committees, for review. Staff will also update the Board on the status of the Restricted TOT Reserve Fund and projected revenues for the upcoming fiscal year. The County Administrator (or designee) will recommend potential uses of the Restricted TOT Fund for the upcoming fiscal year.



Restricted Use Transient Occupancy Tax Fund

3. County staff, in consultation with subject matter experts (e.g. Visit Loudoun) will make funding recommendations as a part of the Proposed Budget based on the guidance provided by the Board.
4. If the Board recommends funding Strategic Tourism Growth Initiatives beyond what is included in the budget, the Board may direct staff to administer a competitive process to develop funding recommendations to be presented to the Board before July 1.
5. Any entity receiving Restricted TOT funding will be required to enter into a MOU/Funding Agreement with the County to guide the use of those funds.



REVOLVING LOAN FUND

The Board of Supervisors created the Revolving Loan Fund (RLF) 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.

Revolving Loan Fund Requests

There were no requests submitted for FY 2018. An estimated \$4.3 million will be available by FY 2019 for loans meeting the Board of Supervisors' criteria.

Fund Financial Summary

	FY 2016 Actual	FY 2017 Estimated	FY 2018 Adopted	FY 2019 Projected
Estimated Beginning Balance	\$3,945,893	\$4,027,383	\$4,105,477	\$4,180,176
Revenues				
Principal Payment – Leesburg Volunteer Fire Company	\$67,908	\$67,908	\$67,908	\$67,908
Interest Income	13,582	10,186	6,791	6,791
Total – Revenues	\$81,490	\$78,094	\$74,699	\$74,699
Estimated Year-End Balance	\$4,027,383	\$4,105,477	\$4,180,176	\$4,254,875



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 2017 with a rate of 18 cents per \$100 of assessed value.

For FY 2018, the Route 28 Special Improvements Fund is projected to generate \$11,131,000 in current and delinquent tax revenue to offset its estimated \$11,131,000 in expenditures. There is no local tax funding in this district/fund.



Route 28 Special Improvements Fund

Fund Financial Summary

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures	\$10,096,956	\$10,264,000	\$11,131,000	\$11,610,000
Revenues	\$10,185,699	\$10,264,000	\$11,131,000	\$11,610,000
Total	\$88,743	\$0	\$0	\$0

FY 2018 Forecasted Real Property Taxable Base (Forecasted as of January 2017)

2017 Estimated fair market value of real taxable property ¹	\$6,135,076,000
PLUS: Reassessment due to equalization	25,691,000
PLUS: Actual full value of new construction	<u>237,708,000</u>
2018 Forecasted fair market value of real taxable property	\$6,398,475,000
 FY 2018 Real property tax base subtotal	 \$6,266,776,000
LESS: Potential administrative and/or Board of Equalization adjustments ^{2, 3}	(94,002,000)
LESS: Land use deferrals	0
Plus: Partial value of new construction	<u>47,542,000</u>
FY 2018 Forecasted real property tax base total	\$6,220,316,000

FY 2018 Forecasted Real Property Tax Revenue

	Forecasted Taxable Base	Net Revenue per Penny ⁴	Revenue (\$0.18/\$100 Tax Base)
Real Property	\$6,220,316,000	\$613,630	\$11,045,000
Public Service Corp., Delinquent, and Penalty			<u>\$86,000</u>
Total Revenue⁵			\$11,131,000

¹ Excludes residential and \$24.9 million in public service corporation properties.

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 2018.

⁵ Revenue total is rounded to nearest \$1,000 for FY 2018 forecast.



STATE AND FEDERAL GRANT FUND

The State and Federal Grant Fund was established during FY 2011 to record State, Federal, or other revenues that restrict expenditures for specified purposes. Previously, these funds had been recorded in the departmental revenues and expenditures. Due to the establishment of this fund, those amounts are now reflected in the State and Federal Grant Fund as well as in the respective department figures. The FY 2018 Adopted Budget includes State or Federal revenues totaling \$2,940,137.

The Department of Family Services receives Federal funding for the Community Development Block Grant (CDBG) program which is used for program operating costs and personnel support of 1.28 FTE. The purpose of the CDBG program is to help develop viable communities by providing decent housing and a suitable living environment and by expanding economic opportunities, principally for low- and moderate-income persons.

The Department of Fire, Rescue, and Emergency Management receives Four-for-Life funds dedicated to enhance the provision of emergency medical services to Loudoun County. These funds are used for County emergency medical services.

The Department of Mental Health, Substance Abuse, and Development Services (MHSADS) receives State funding for the Early Intervention Programs and 6.00 FTE dedicated personnel. The Early Intervention Program is mandated to provide early intervention services to disabled infants and toddlers and their families. The 6.00 FTE budgeted in FY 2017 in the State and Federal Grant Fund for the Early Intervention program were transferred to the General Fund for FY 2018.

The Department of Transportation and Capital infrastructure receives Federal funding for the Congestion Mitigation and Air Quality Improvement Program (CMAQ). The Department also receives State funding for the Regional Surface Transportation Program (RSTP). Both of these programs support surface transportation projects and other related efforts that contribute to air quality improvements and provide congestion relief.

The FY 2018 Adopted personnel budget is lower than FY 2017 by \$163,071 primarily due to right sizing of the Early Intervention program staff to comply with Maintenance of Effort requirements of the state grant. The Operating and Maintenance budget includes \$25,786 for one time technology costs for 6.00 FTE added to the Early Intervention Program; all costs are offset by revenue.



State and Federal Grants

Fund Financial and FTE Summary¹

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures				
Personnel	\$852,874	\$841,182	\$678,111	\$698,454
Operating And Maintenance	2,688,229	1,335,218	2,262,026	2,284,646
Total – Expenditures	\$3,512,712	\$2,176,400	\$2,940,137	\$2,983,100
Revenues				
Miscellaneous Revenue	\$798	\$0	\$0	\$0
Recovered Costs	164	0	0	0
Intergovernmental -Commonwealth	1,124,652	825,533	1,489,320	1,510,710
Intergovernmental - Federal	2,415,489	1,350,867	1,450,817	1,472,390
Total – Revenues	\$3,541,103	\$2,176,400	\$2,940,137	\$2,983,100
FTE	7.86	7.86²	7.28	7.28

¹ Sum may not equal due to rounding.

² FTE count is different from FY 2017 Adopted Budget Document due to right sizing of the Early Intervention program staff to comply with Maintenance of Effort requirements of the state grant.



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 table below assumes that the first annual assessment and expenditure for debt service will occur in FY 2018. The annual amounts shown are the current estimates.

Fund Financial Summary¹

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Expenditures	NA	NA	\$60,572	\$60,572
Revenues	NA	NA	\$60,572	\$60,572

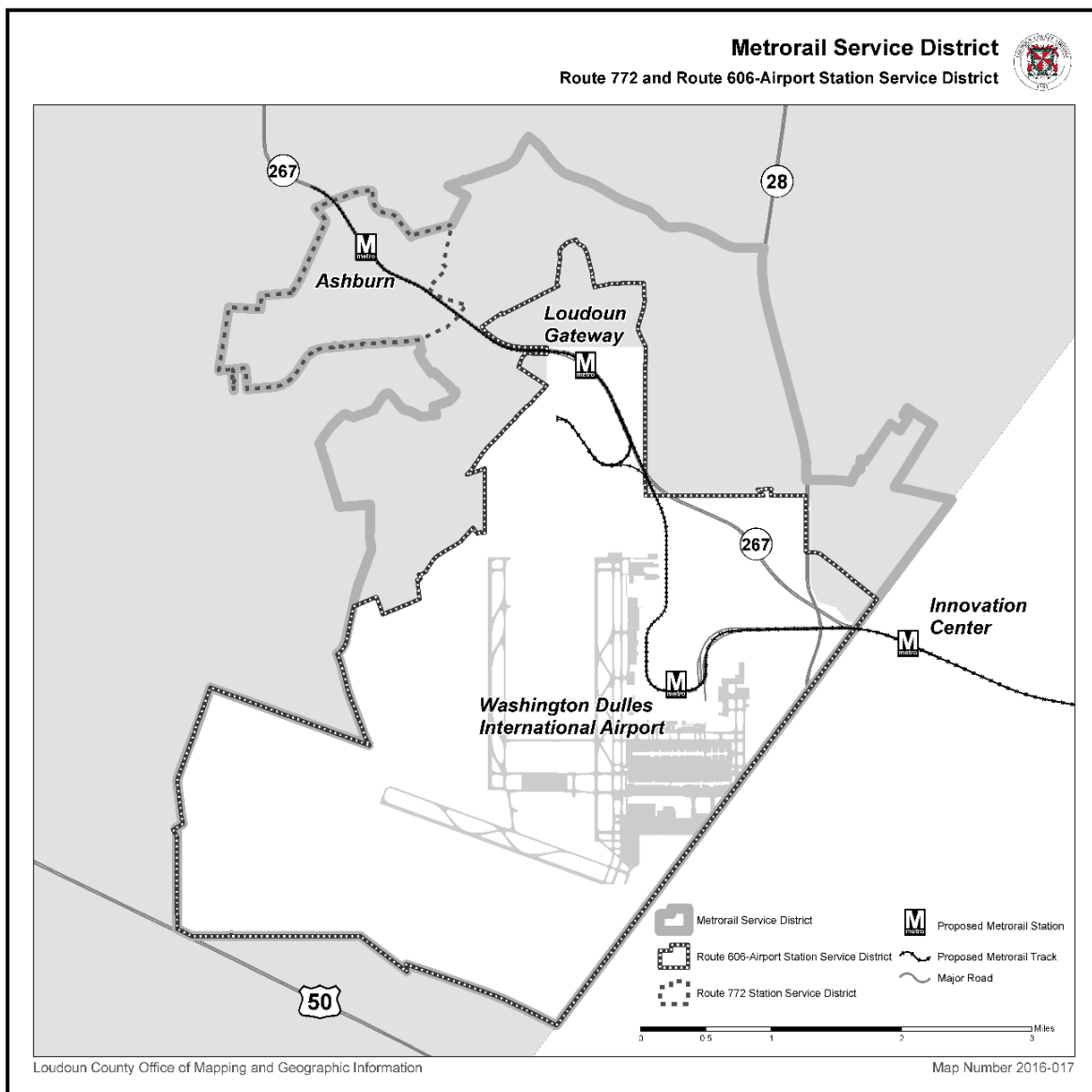
¹ NA refers to Not Applicable.

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 of \$0.02 of the real property tax rate, revenue resulting from the enactment of HB 2313 by the Virginia General Assembly in 2013, and local gasoline tax revenue.

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 (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 county-wide 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 Loudoun's share of the cost of constructing any related facilities and structures including parking facilities; 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; rail lines; 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 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.

The **Route 606-Airport Stations Service Tax District** (Loudoun Gateway Station) was created to provide public transportation systems to serve the District at the new stations which will be located at the Dulles International Airport proximate to the airport passenger terminal and proximate to State Route 606 respectively. This District is to provide revenue continuing beyond the term of the Metrorail Service District for the purpose of funding the ongoing payments to the Washington Metropolitan Area Transit Authority (WMATA) to provide Metrorail transit service to the stations.

The **Route 772 Station Service Tax District** (Ashburn Station) was created to provide public transportation systems to serve the District at the station to be located proximate to State Route 772. This District is to provide revenue continuing beyond the term of the Metrorail Service District for the purpose of funding the 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), as amended, 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, the U.S. Department of Transportation formally invited Loudoun County, Fairfax County, and the Metropolitan Washington Airports Authority (MWAA) to apply for TIFIA credit assistance that will be used for each entity's individual capital contribution towards the Dulles Corridor Metrorail Project. Loudoun County submitted an application for TIFIA credit assistance for a secured loan amount of \$195,072,507 plus deferred interest and closed on the loan on December 9, 2014.

MWAA estimates the total cost to construct the Dulles Corridor Metrorail Project at \$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 December 2011, Loudoun County is responsible for 4.8 percent, which is now estimated at \$274 million of the total project cost. With the TIFIA loan amount of \$195,072,507, the County requires an additional \$79 million to fund its share of the project. The County plans to use the Metrorail Service District tax revenues to potentially offset future borrowing needs for the remaining portion of the project costs.

Beginning in FY 2020, Loudoun County will begin paying its portion of the WMATA capital contributions for the Metrorail system. At this time, Loudoun's capital contribution is estimated to be approximately \$12 to \$13 million in FY 2020. These projected funds are included in the FY 2017 – FY 2022 Amended CIP. Beginning in FY 2021, contributions are expected to increase and the CIP includes funding for this increase to the amount 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 funds until such debt is paid off, which is estimated to be in 2042. Debt service (interest only) for Metrorail construction-related debt begins in FY 2019, with costs projected to be approximately \$6 million.



Transportation District Fund

HB 2313 Statutory Requirements and Local and Regional Revenues

During the 2013 Virginia General Assembly legislative session, HB 2313 was enacted. It established three revenue sources dedicated to transportation and transit for Northern Virginia and the establishment of 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; \$0.15 congestion relief fee to the Grantor's Tax; and 2 percent to the Transient Occupancy Tax within the nine jurisdictions comprising the NVTA. NVTA distributes "Local" 30 percent of the proportional revenue collected to each of the jurisdictions on a periodic basis. 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 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. The 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.

Additionally, the towns that have road maintenance responsibility or a population over 3,500 within each of the respective counties are to be provided the proportional share of the "Local" 30 percent 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 is to serve as Loudoun County's designated fund. For FY 2018, this revenue is dedicated to projects included in the FY 2017-2022 Amended Capital Improvement Program (CIP). 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. Additionally, \$875,000 of unappropriated NVTA Local 30 percent fund balance is included in the FY 2018 TDF budget and will be transferred to the Capital Fund for a sidewalk replacement project in the Town of Purcellville.

HB 2313 also requires that the County maintain the level of funding dedicated for transportation and transit equivalent to the average of expenditures for transportation and transit as established for the period of FY 2011 to FY 2013 (three fiscal years), or approximately \$14.53 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 Loudoun County would yield approximately \$16,900,000 in FY 2017. The Board of Supervisors has taken no action to levy such a tax, and consequently the FY 2018 Adopted Budget includes appropriations for transportation and transit purposes, which includes the equivalent of \$0.02 of the real estate property tax, or \$15,200,000 million, cash proffer funding of \$1,903,124 for local transportation projects, and \$1,664,222 of local gasoline tax revenue. Per the statute, this funding is placed in a separate account within the County's 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 Board of Supervisors dissolved the LCTDC and elected to join the Northern Virginia Transportation Commission (NVTC). Local gasoline tax collections are now directed to a separate Loudoun account at NVTC and subsequently transferred to the County as revenue. In FY 2019, start-up costs for the operation of Metrorail service will begin, and Loudoun's share of local gasoline tax revenues will be dedicated to WMATA to support the operation and maintenance of the Metrorail system. (Payments are required 18 months in advance of the projected opening date.)

In 1993, the Board modified the original policy by establishing a funding formula for the Local Gasoline Tax Fund annual budget; which is now part of the Transportation District Fund. As part of this funding formula, the Board



Transportation District Fund

designates a percentage of the County's gasoline tax revenues to the Towns of Leesburg and Purcellville proportionate to the Towns' populations of the County's population. The Board agreed to provide these two towns with a proportional share of local gasoline tax revenue because these towns have responsibility for maintenance of their streets. The other five incorporated towns in Loudoun County have not met the State Code population threshold of 3,500 to require locally funded street maintenance. In FY 2018, this funding totals \$931,507. Beginning in FY 2019, these transfers will cease as gasoline tax revenue is dedicated to Metrorail capital and operating costs.

Beginning in FY 2015 and continuing through FY 2019, the County's local gasoline tax revenue is projected to come in on average \$5.1 million lower than was estimated during the FY 2015 budget process. The decline in the revenue outlook is the result of the sustained reduction in petroleum prices that began in August 2014.

For FY 2017 and the two preceding fiscal years, the "shortfall" in annual gasoline tax revenues was covered using unspent local gasoline tax revenues from previous years, including remaining and unneeded project balances. The FY 2017 Adopted Budget used \$2.8 million of local gasoline tax fund balance from completed projects to maintain service levels, primarily in the County's transit operations.

Gasoline tax revenue shortfalls have impacted the County in several ways for FY 2018. For the FY 2018 Adopted Budget, County operations previously funded with gas tax revenue are funded with local tax funding. The proportional distribution of gasoline tax revenue for the Towns of Leesburg and Purcellville are funded in FY 2018 as well as transportation and transit-related non-profit contributions and administrative contributions to transportation-related organizations. In FY 2018, the amount of gasoline tax revenue that would have been committed to fund Loudoun County Transit has been funded with local tax funding in the Department of Transportation and Capital Infrastructure's (DTCI) Adopted Budget. This, in combination with the removal of gasoline tax transfers to other County programs, leaves an unallocated gasoline tax balance of \$6,045,778. In FY 2019, the County's share of gasoline tax revenues will be dedicated to WMATA for operating contributions for Metrorail. Alternative funding options will need to be identified for the remaining non-profit transportation related organizations currently receiving gasoline tax revenue from the County.

Over the long term, local gas tax will likely not be sufficient to fully fund the County's obligation to WMATA. Revenue generated by the Metrorail Tax Districts must first be used to repay the TIFIA loan and other construction-related debt. These payments are estimated to end in 2042.

In FY 2018, local tax funding replaces gasoline tax funding for commuter bus promotion and advertising in DTCI, park and ride lot maintenance in the Department of General Services, and Adaptive Recreation Program transportation services in the Department of Parks, Recreation, and Community Services, and commuter long haul and local fixed-route bus service in DTCI in the amount of \$7,071,461.



Transportation District Fund

Fund Financial Summary

	FY 2017 Revised	FY 2018 Adopted	FY 2019 Projected
Estimated Beginning Fund Balance	\$30,784,396	\$51,685,193	\$65,488,971
Revenues			
Metrorail Services Special Tax Districts	\$7,569,000	\$8,610,000	\$9,360,000
Local Gasoline Tax ^{1,2}	6,912,000	7,710,000	0
NVTA Local 30%	16,611,737	17,899,501	18,412,200
NVTA Regional 70%	38,760,720	62,641,000	45,040,134
Interest	23,000	23,000	23,000
Transfer from the General Fund ³	17,000,000	15,200,000	15,200,000
Transfer from the Public Facilities Fund	1,378,414	1,903,124	500,000
Transfer from the Capital Financing Fund	17,094,920	0	0
Total – Revenues	\$105,349,791	\$113,986,625	\$88,535,334
Expenditures			
Local Gasoline Tax ⁴	\$10,698,123	\$1,664,222	\$0
Towns	693,484	931,507	0
Transportation/Transit	9,970,627	711,129	0
Administrative	34,012	21,586	0
HB 2313 Local (30%) – NVTA Administrative Fees	207,647	256,865	259,433
HB 2313 Local (30%) – Transfer to Capital Fund	16,404,090	18,517,636	18,152,767
HB 2313 Regional (70%) – Transfer to Capital Fund	38,760,720	62,641,000	45,040,134
Transportation Capital Project – Transfer to Capital Fund ⁵	18,378,414	17,103,124	15,500,000
Metrorail Construction Debt Service – Transfer to Debt Service Fund	0	0	6,044,587
Total – Expenditures	\$84,448,994	\$100,182,847	\$84,996,921
Estimated Impact to Fund Balance⁶	\$20,900,797	\$13,803,778	\$3,538,413
Projected Year End Fund Balance	\$51,685,193	\$65,488,971	\$69,027,384

¹ The FY 2017 Adopted Budget projected local gasoline tax revenues of \$7,898,000. The estimated shortfall for FY 2017 is \$986,000.

² The projected amount of gasoline tax allocated to the County in FY 2019 is \$8,490,000. These revenues will not transfer through the Transportation District Fund and will be committed directly to WMATA from the County's NVTC account.

³ This transfer includes the equivalent of \$0.02 of the general property tax plus an additional \$2 million for the acquisition of easements for the Crosstrail Boulevard in FY 2017.

⁴ The table on the following page provides detail for local gasoline tax expenditures.

⁵ Debt service beginning in FY 2019 is interest only per the TIFIA loan agreement.

⁶ The FY 2018 Adopted Transportation District Fund budget includes an unallocated gasoline tax balance of \$6,045,778.



Transportation District Fund

Local Gasoline Tax Appropriations

	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Towns			
Town of Leesburg ¹	\$587,462	\$787,774	\$0
Town of Purcellville	106,022	143,733	0
Subtotal -- Towns	\$693,484	\$931,507	\$0
Percent of Total Expenditures	6.5%	56.0%	0%
Transportation/Transit			
DGS – Park and Ride Lot Maintenance	\$179,242	\$0	\$0
DTCI – Commuter Bus	5,209,746	0	0
DTCI – Local Fixed Route	3,870,270	0	0
PRCS – Adaptive Recreation Transportation	135,000	0	0
American Red Cross	38,916	38,916	0
Every Citizen Has an Opportunity	36,700	37,200	0
Loudoun Volunteer Caregivers	168,510	173,565	0
Virginia Regional Transit – Rural Fixed Route Service	332,243	461,448	0
Subtotal – Transportation/Transit Projects	\$9,970,627	\$711,129	\$0
Percent of Total Expenditures	93.2%	42.7%	0%
Administrative Contributions			
DTCI – Commuter Bus Promotion and Advertising	\$10,000	\$0	\$0
Dulles Area Transportation Association	12,000	12,000	0
Northern Virginia Transportation Commission (NVTC)	12,012	9,586	0
Subtotal – Administrative Contributions	\$34,012	\$21,586	\$0
Percent of Total Expenditures	0.3%	1.3%	0%
Total – Expenditures	\$10,698,123	\$1,664,222	\$0
Unallocated Gasoline Tax Balance	\$0	\$6,045,778	\$0

The FY 2018 Adopted Transportation District Fund budget includes an unallocated gasoline tax balance of \$6,045,778. All transfers to support County programs, including Loudoun County Transit, have been removed and local tax funding is budgeted to replace gas tax funding in the General Fund. In FY 2019, all gas tax revenues will be transferred to WMATA directly from the Northern Virginia Transportation Commission on behalf of the County.

¹ The Towns of Leesburg and Purcellville receive a percentage of local gasoline tax revenue proportional to their share of the County's total population. The FY 2018 Adopted contributions incorporate current gasoline tax revenue projections.



Transportation District Fund

Local Gasoline Tax Appropriation – Towns

	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
Town of Leesburg	\$587,462	\$787,774	\$0
As part of the funding formula adopted in 1993, the Board designates a percentage of the County's gasoline tax revenues to the Town of Leesburg proportionate to the Town's population of the County's population. The County's total projected population in FY 2018 is 394,968. Leesburg's forecasted population is 46,315 or 11.7 percent, which would result in an allocation of \$904,095 of projected gasoline tax revenues to the Town to use for transportation projects. However, due to projected shortfalls, the Town's allocation has been reduced by \$116,321 in FY 2018 to \$787,774. The Town has indicated that it intends to use the FY 2018 funding for Phase IV widening of Sycolin Road project, Battlefield Parkway, Evergreen Mill Road widening, and Local Fixed Route Transit Services. Distributions will cease beginning in FY 2019.			
Town of Purcellville	\$106,022	\$143,733	\$0
As part of the funding formula adopted in 1993, the Board designates a percentage of the County's gasoline tax revenues to the Town of Purcellville proportionate to the Town's population of the County's population. Purcellville's forecasted population in FY 2018 is 8,233 or 2.1 percent of the County's, which would result in an allocation of \$164,812 of projected gasoline tax revenues to the Town to use for transportation projects. However, due to projected shortfalls, the Town's allocation was been reduced by \$62,822 in FY 2018. The Town has indicated that it intends to use the FY 2018 funding for design and construction of improvements to the intersection of Route 690 South and A Street.			
Total	\$693,484	\$931,507	\$0

Local Gasoline Tax Appropriation – Transportation/Transit

	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
DGS – Park and Ride Lot Maintenance	\$179,242	\$0	\$0
The Department of General Services (DGS) maintains County-owned park and ride lots. Maintenance responsibilities include pavement maintenance, signage, snow removal and lighting. FY 2018 funding for this has been incorporated into the Department's Adopted Budget.			
DTCI – Loudoun County Commuter Bus Operations	\$5,209,746	\$0	\$0
The DTCI Transportation Planning and Operations Division manages Loudoun County Commuter Bus operations. This service provides daily transportation for commuters to and from Arlington County and Washington, D.C. The commuter bus program is funded by a combination of fare box revenue, annual appropriations from the local gasoline tax revenue, and State Formula Aid. The FY 2018 Adopted Budget replaces local gasoline tax funding with local tax funding in the amount of \$3,820,310.			
DTCI – Loudoun County Urban Local Fixed Route Transit Operations	\$3,870,270	\$0	\$0
The Transportation Planning and Operations Division manages Loudoun County Urban Local Fixed Route Transit operations. The Urban Local Fixed Route Transit program is funded by a combination of fare box revenue, annual appropriations of local gasoline tax revenue, and a State Operating Assistance Grant. The FY 2018 Adopted Budget replaces local gasoline tax funding with local tax funding in the amount of \$2,926,909.			



Transportation District Fund

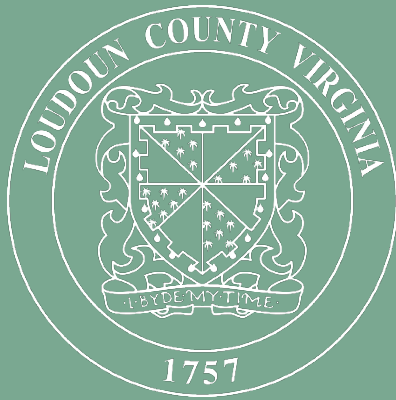
	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
PRCS – Adaptive Recreation Transportation	\$135,000	\$0	\$0
<p>The Department of Parks, Recreation and Community Services (PRCS) Adaptive Recreation Program operates a summer camp program for individuals who qualify for special education ages 2 to 22, for an eight week period annually. The Adaptive Recreation Program follows the mission of PRCS to promote healthy lifestyles for all Loudoun citizens. The FY 2018 Adopted Budget eliminates this transfer, and funds have been programed in the PRCS budget for this program.</p>			
American Red Cross, Loudoun County Chapter	\$38,916	\$38,916	\$0
<p>The Loudoun County Chapter of the American Red Cross (LCARC) has requested funding for the maintenance of disaster vehicle fleet, which is used to carry out its stated mission of providing relief to victims of disasters 24 hours a day, seven days a week. Currently, the Chapter maintains three separate vehicles that are dedicated to disaster response: Emergency Response Vehicle, Shelter Response Truck, and a Mobile Communications and Service Delivery Unit. The FY 2019 Projected Budget eliminates the County's gas tax contribution to the American Red Cross.</p>			
Every Citizen Has an Opportunity (ECHO)	\$36,700	\$37,200	\$0
<p>ECHO has requested funding to support part of the organization's transportation operational costs for transporting clients to their workplaces and to provide matching funds for a Metropolitan Washington Council of Governments (MWCOC) transportation grant. ECHO assists disabled persons with securing and maintaining integrated community-based employment. As in previous years, the organization will continue to seek Federal Transit Administration grant funding. ECHO estimates that it will provide daily transportation to work sites for approximately 150 County residents with various levels of disability. The FY 2019 Projected Budget eliminates the County's gas tax contribution to ECHO.</p>			
Loudoun Volunteer Caregivers	\$168,510	\$173,565	\$0
<p>Loudoun Volunteer Caregivers has requested funding to provide annual transportation services to its clients. Loudoun Volunteer Caregivers is a volunteer organization that provides elderly residents and people with disabilities within Loudoun County with assisted transportation. Services include transportation to non-emergency medical appointments, prescription pick-ups, physical therapy, and cancer or dialysis treatments. The FY 2019 Projected Budget eliminates the County's gas tax contribution to Loudoun Volunteer Caregivers.</p>			
Virginia Regional Transit (VRT) – Rural Fixed Route Transit Services	\$332,243	\$461,448	\$0
<p>Virginia Regional Transit (VRT) requested funding to provide public transportation services to Loudoun County residents as planned and coordinated in collaboration with the Department of Transportation and Capital Infrastructure. VRT's operations in Loudoun County include daily transportation services for four rural on-demand routes in western Loudoun County as well as one fixed route between the Towns of Leesburg and Purcellville. The FY 2018 request includes funding to provide one additional rural on-demand route to respond to demand. The FY 2019 Projected Budget eliminates the County's gas tax contribution to Virginia Regional Transit.</p>			
Total	\$9,970,627	\$711,129	\$0



Transportation District Fund

Local Gasoline Tax Appropriation – Administrative Contributions

	FY 2017 Adopted	FY 2018 Adopted	FY 2019 Projected
DTCI – Commuter Bus Promotion and Advertising	\$10,000	\$0	\$0
<p>The DTCI Transportation Planning and Operations Division manages the promotion and advertisement of commuter bus services to the public. The policy guidelines for the distribution of these funds are established by the Loudoun Commuter Bus Advisory Board (CBAB). The County has made use of this allocation in recent years to leverage Federal grant funding promoting public awareness of transit alternatives.</p> <p>The Department requested \$10,000 for FY 2018; this request is planned to be funded in FY 2018 through local tax funding.</p>			
Dulles Area Transportation Association (DATA)	\$12,000	\$12,000	\$0
<p>Loudoun County is a member of the Dulles Area Transportation Association, which is a transportation management association operating in the Dulles Airport/Route 28 employment center. DATA assesses transportation needs and issues, formulates strategies to meet those needs, and provides a forum within which all members can work cooperatively to formulate policies, plans, and programs for the effective administration of transportation operations within the area. Membership consists of government and business organizations. Annual dues have been funded from with local gasoline tax revenue since FY 1992. The FY 2019 Projected Budget eliminates the County's contribution to the Dulles Area Transportation Association from gasoline tax and continued membership in this organization will require an alternative source of funding.</p>			
Northern Virginia Transportation Commission Administrative Costs	\$12,012	\$9,586	\$0
<p>The Northern Virginia Transportation Commission receives, invests, and disburses Loudoun County's share of local gasoline tax funds. This contribution is a direct payment based on the forecasted NVTC general and administrative budget. The County's share of these costs are based on the percentage of revenue received through NVTC during the previous year.</p>			
Total – Administrative Contributions	\$34,012	\$21,586	\$0
Total – Gasoline Tax Expenditures	\$10,698,123	\$1,664,222	\$0



Fiscal Trends

FY 2018 Adopted Budget

Contents

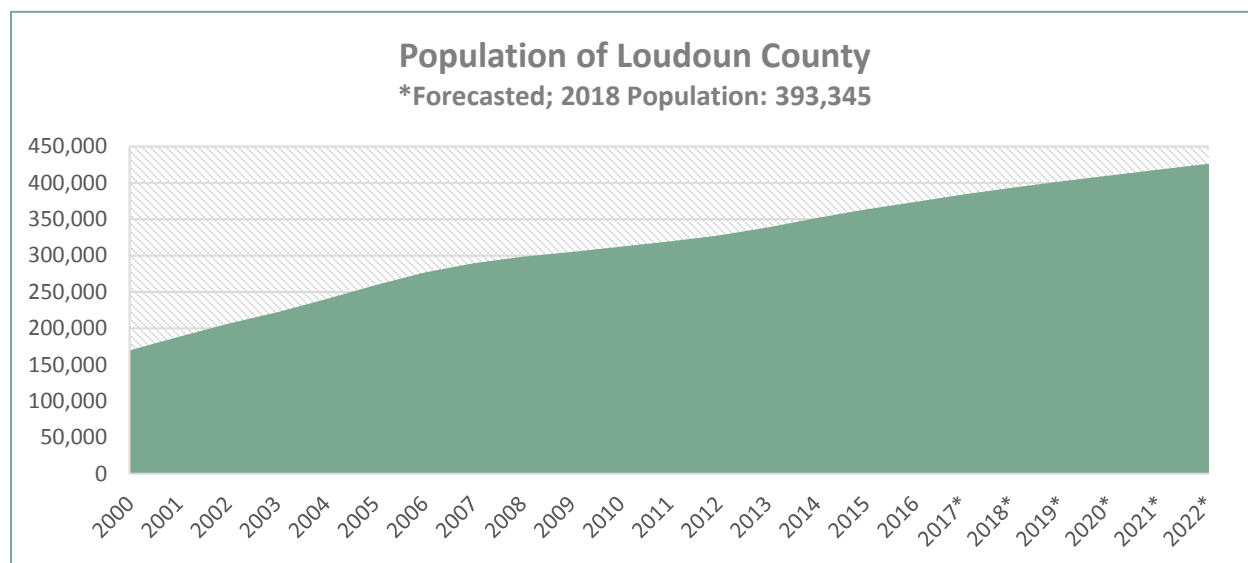
Demographic and Economic Trends	15-2
Assessed Value and Tax Rates	15-14
Revenue and Expenditures	15-22



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 2016 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 2018 population is 393,345. In 2022, the County's population is forecasted to be 426,346, which is an increase of 37 percent from 2010.



Sources: U.S. Census Bureau, *Census 2000* and *Census 2010*; Loudoun County Department of Planning and Zoning, *FY 18 Budget Forecast Series*, Dec. 6, 2016.

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	319,537	2.3%
2012	Estimate	327,605	2.5%
2013	Estimate	338,664	3.4%
2014	Estimate	351,595	3.8%
2015	Estimate	363,524	3.4%
2016	Estimate	373,693	2.8%
2017*	Forecast	384,275	2.8%
2018*	Forecast	393,345	2.4%
2019*	Forecast	402,167	2.2%
2020*	Forecast	410,449	2.1%
2021*	Forecast	418,450	1.9%
2022*	Forecast	426,346	1.9%

Demographic and Economic Trends

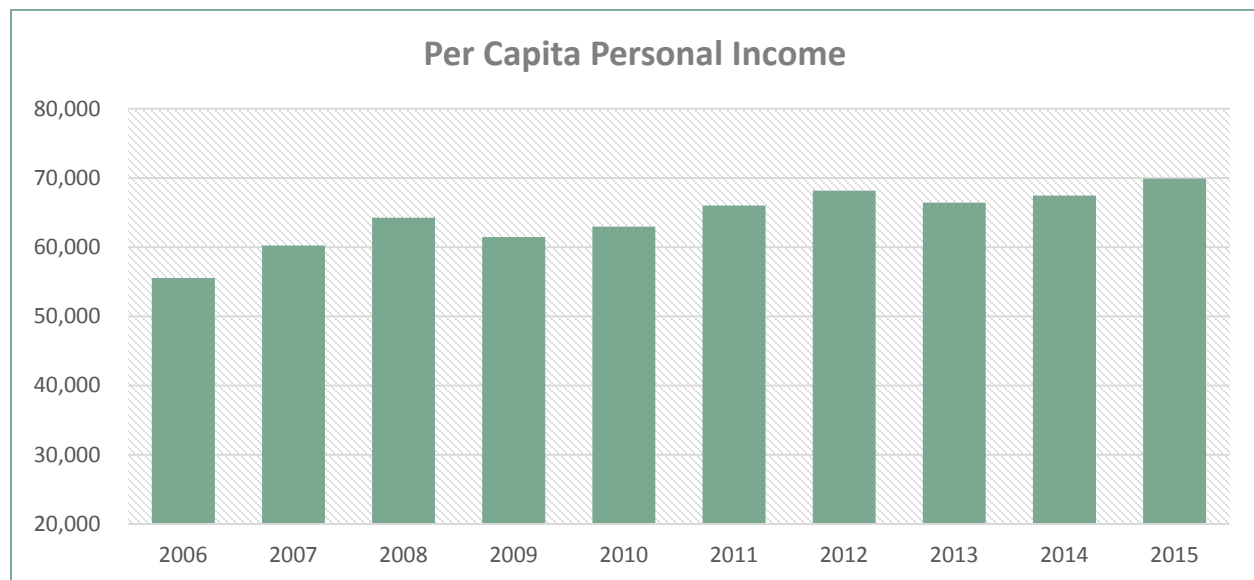
Income

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 2011-2015 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 2015, Loudoun's median was \$125,003, more than twice the national median of \$55,775, and nearly twice Virginia's median of \$66,262. Compared to the Washington, DC, Metropolitan Statistical Area's (MSA) median of \$93,294, Loudoun was 34 percent higher.

On a per capita basis, the personal income of Loudoun County residents increased at an average annual rate of 3.4 percent per year from 2006 through 2015. Loudoun County's 2015 per capita income ranked in the top 3 percent in the United States, placing 66th 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
2006	55,544
2007	60,232
2008	64,256
2009	61,471
2010	62,976
2011	66,010
2012	68,174
2013	66,441
2014	67,450
2015	69,895

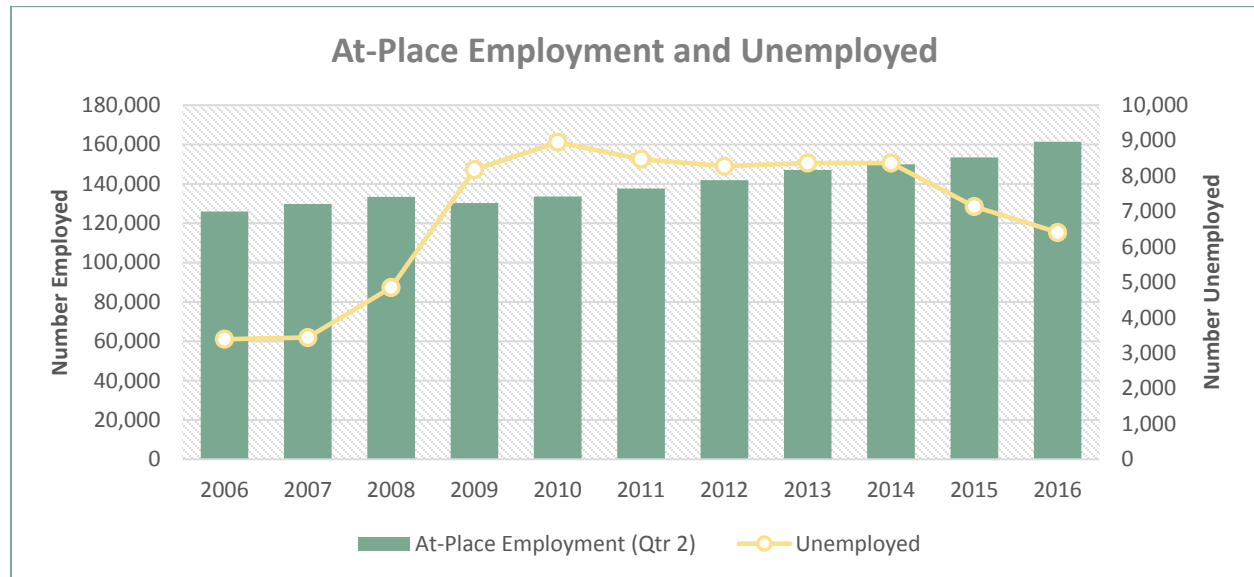


Source: U.S. Bureau of Economic Analysis (November 17, 2016).

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 2016 is:

Industry Sector	No. of Employees	Percentage
Natural Resources and Mining	597	0.4%
Construction	14,886	9.2%
Manufacturing	6,903	4.3%
Trade, Transportation, and Warehousing	35,463	22.0%
Information	7,290	4.5%
Financial Activities	5,309	3.3%
Professional and Business Services	31,281	19.4%
Education and Health Services	27,758	17.2%
Leisure and Hospitality	20,113	12.5%
Other Services (except Public Administration)	5,431	3.4%
Public Administration	5,911	3.7%
Total All Industries	161,384	100.0%



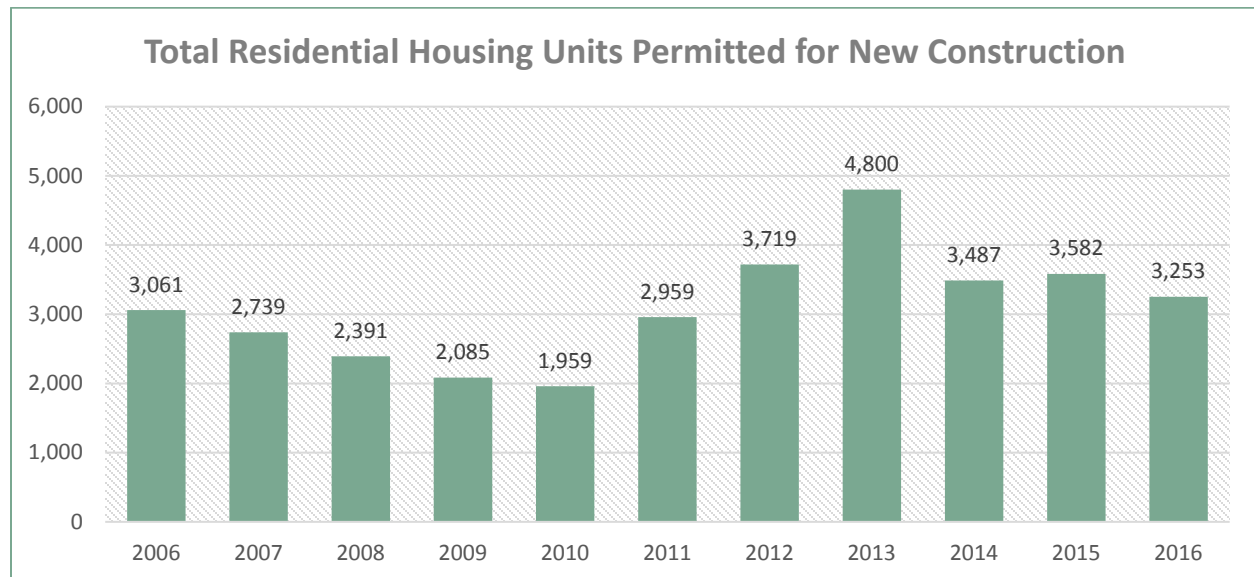
Demographic and Economic Trends

Residential Construction

In 2016, the County issued building permits for 3,327 new residential units, 3,253 of which were for housing units and 74 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 3,253 housing units, 43 percent were for single-family detached, 33 percent for single-family attached, and 24 percent for multi-family units.

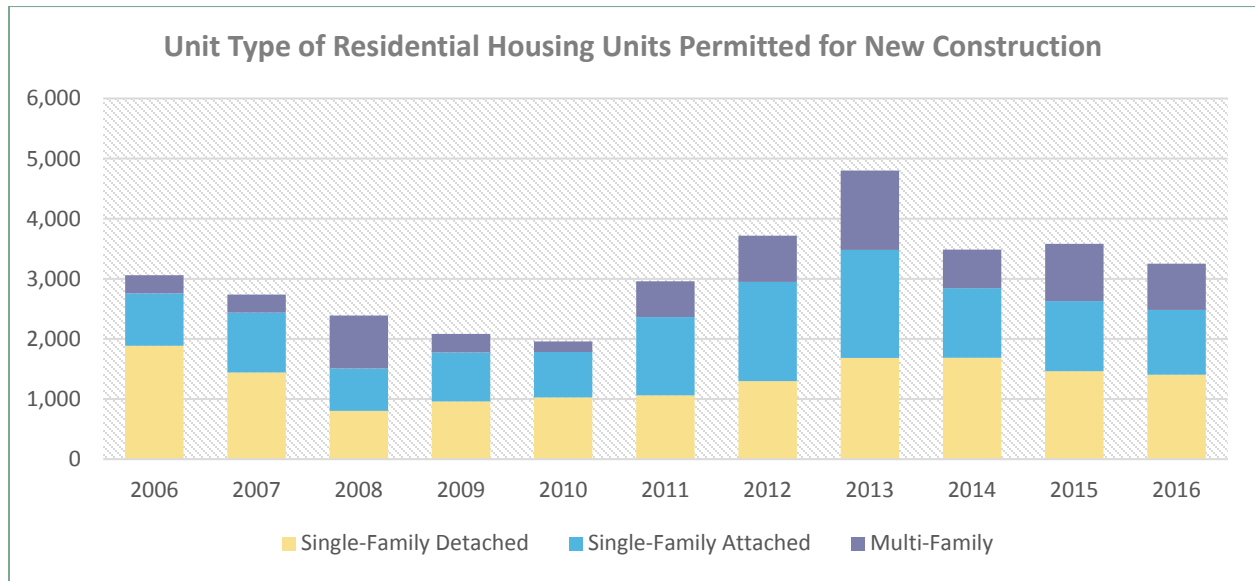
The number of building permits issued for new residential housing unit construction declined from 2005 to 2010 due to the effects of the nation-wide housing crisis and recession. The post-recession recovery of the housing market was evident in 2011 with the large increase in building permits from 2010 to 2011. The years 2012 to 2016 exceeded the recession levels and the 2011 level. The 2016 residential housing unit permitting level in Loudoun was slightly less than in 2014 and 2015. Loudoun does continue 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

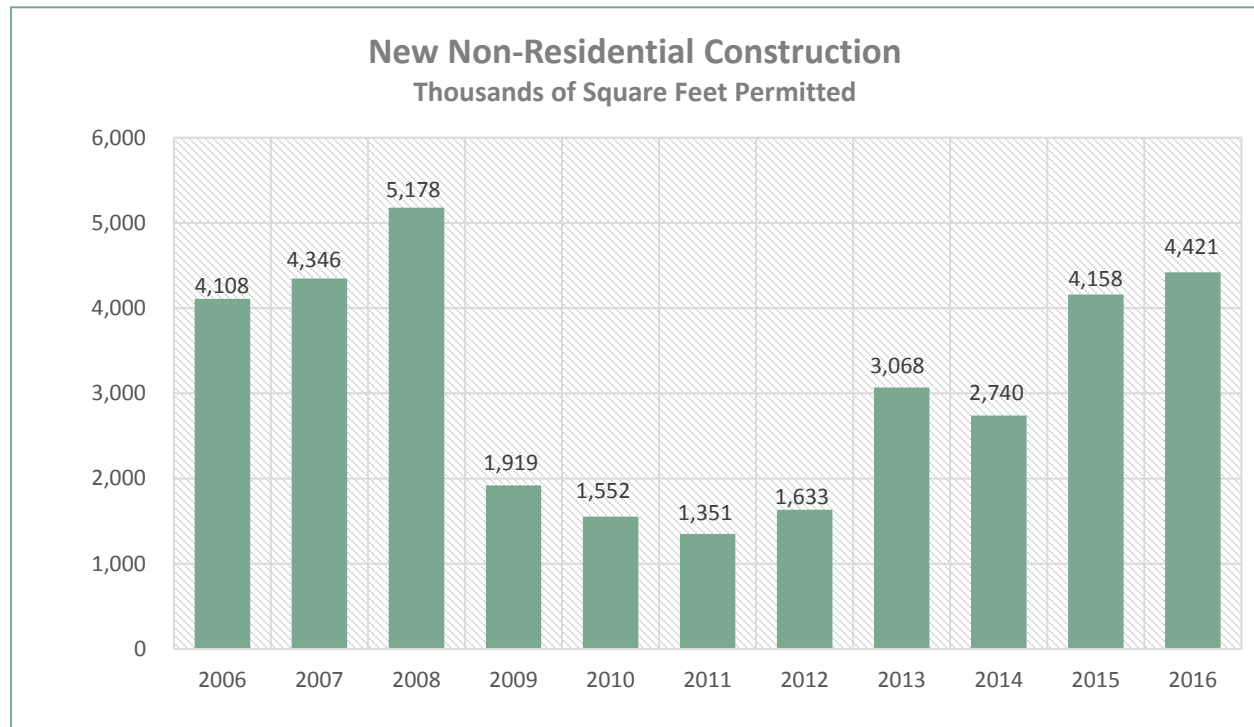


Source: Loudoun County Department of Building and Development. Compiled by: Loudoun County Department of Planning and Zoning.

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 continued the upward trend. The increases in 2015 and 2016 are due in part to permitting for new data centers.



Source: Loudoun County Department of Building and Development. Compiled by: Loudoun County Department of Planning and Zoning.



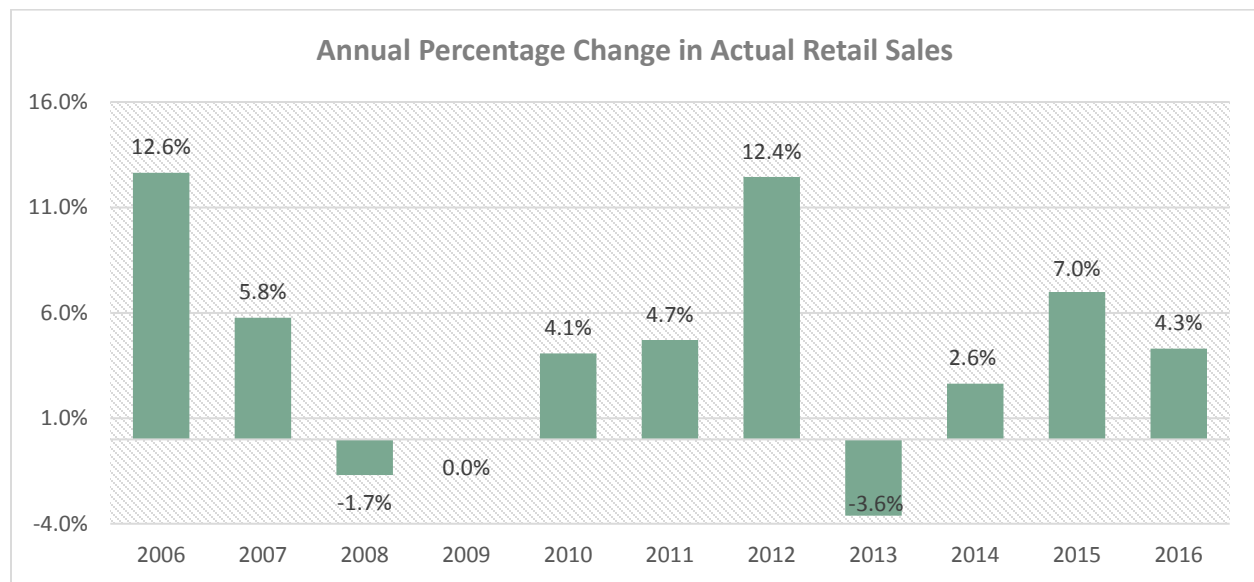
Source: CoStar, combined averages for each year for properties classified as office, industrial, or flex. Compiled by: Loudoun County Department of Economic Development.



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 (2013) percentage change to be overstated (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 sales tax. State law exempts a host of goods from the sales tax, including motor vehicles, travel trailers, motor vehicle fuels, newspapers not sold in newstands, and a number of others.



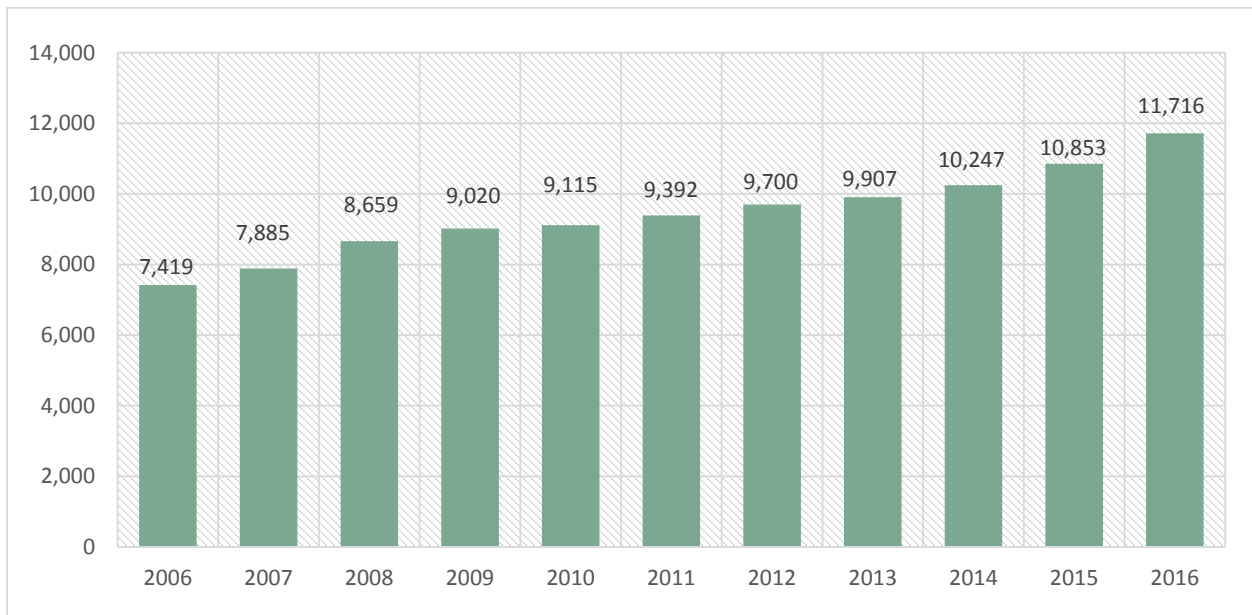
Source: Virginia Department of Taxation.

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 2006, the number of business 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 average annual growth in business establishments has been 5.2 percent per year over the past ten years.



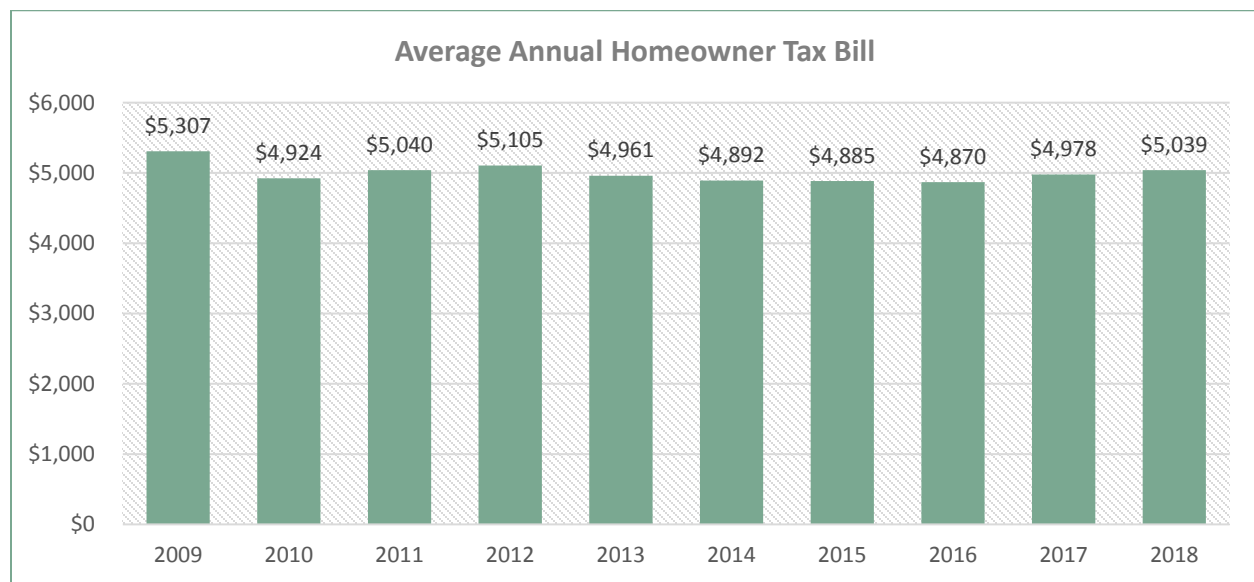
Source: Virginia Employment Commission, Second Quarter Data.

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	Avg Assessed Value of Home	Average Tax Bill
2008	2009	*\$1.140 ¹	\$464,940	\$5,307
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	\$447,900	\$5,039



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.

¹ Combined rate for General Fund and Fire & EMS Fund.

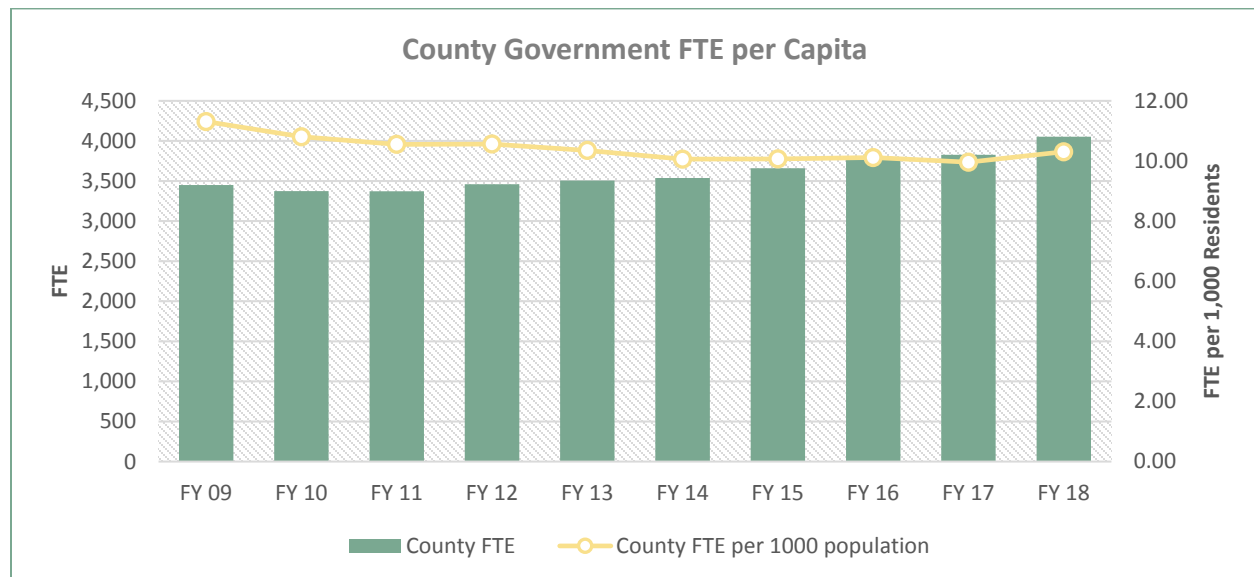
Demographic and Economic Trends

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 the 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
2009	11.31
2010	10.81
2011	10.55
2012	10.56
2013	10.35
2014	10.06
2015	10.07
2016	10.11
2017	9.96
2018	10.30



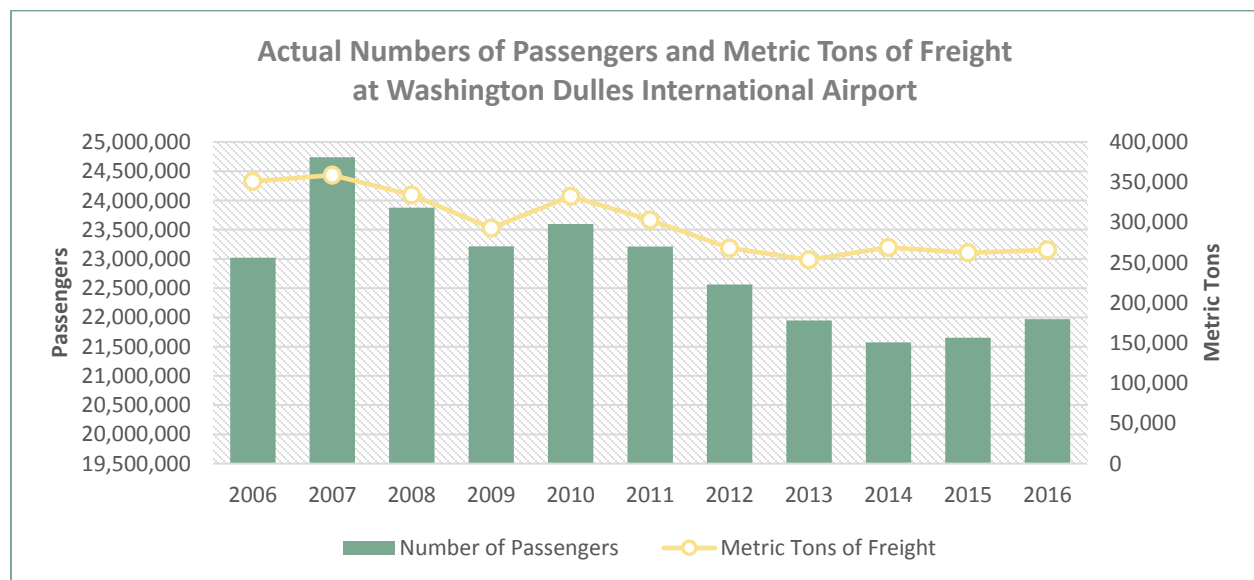
Source: Loudoun County Department of Management and Budget.

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 has fallen since 2010 as international travel has not increased 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. 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. Virginia's 2016-18 biennium budget includes 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:

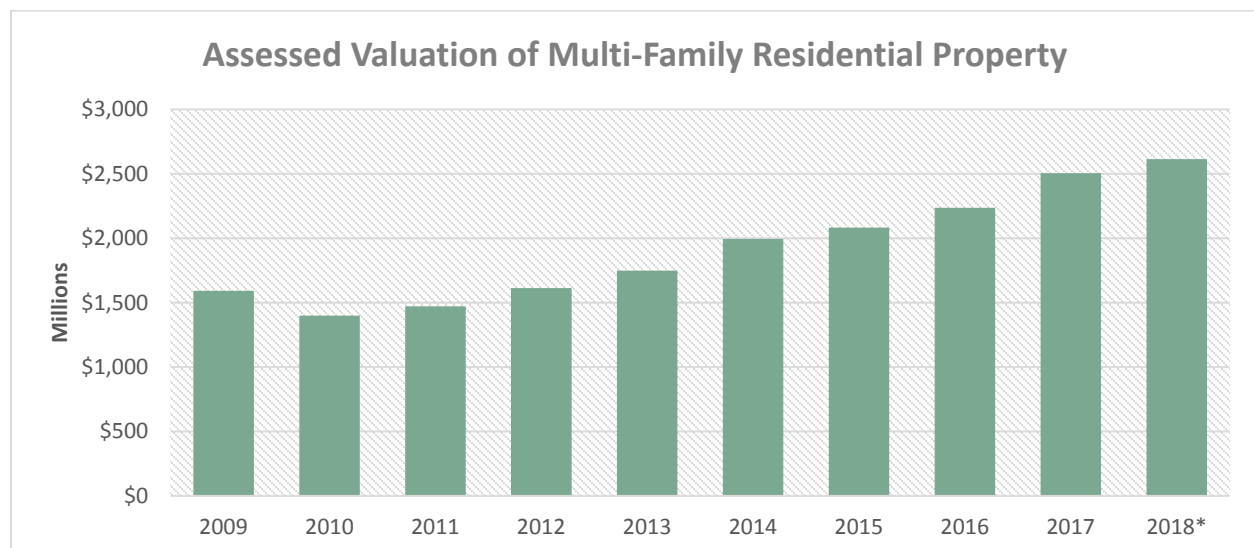
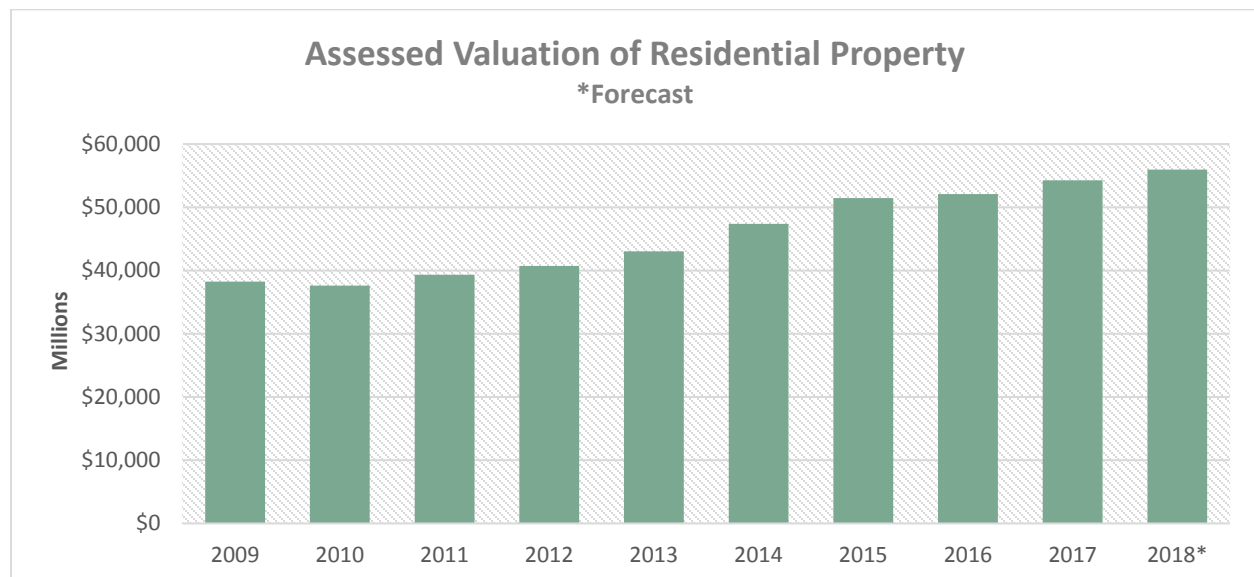
1. Loudoun County Public Schools
2. Loudoun County Government
3. Verizon Business
4. U.S. Department of Homeland Security
5. United Airlines Inc.
6. Raytheon
7. Orbital ATK
8. Inova Loudoun Hospital
9. Swissport USA Inc.
10. U.S. Postal Service
11. M.C. Dean Inc.
12. AOL Inc.
13. Wegman's Food Markets Inc.
14. Gate Gourmet
15. Walmart
16. Harris Teeter
17. Loudoun Medical Group
18. Air Serv Corp.
19. U.S. Department of Transportation
20. Metro Washington Airports Authority
21. The Home Depot
22. Giant Food Stores
23. Costco
24. Dynalectric
25. McDonald's
26. Toll Brothers
27. Neustar Inc.
28. Northern Virginia Community College
29. Club Demonstration Services
30. Howard Hughes Medical Institute
31. Target
32. Town of Leesburg
33. JK Moving & Storage
34. Valleycrest Landscape

Source: Virginia Employment Commission, Quarterly Census of Employment and Wages, Second Quarter 2016. Analysis by Loudoun County Department of Economic Development.

ASSESSED VALUE AND TAX RATES

Assessed Valuation of Residential Real Property

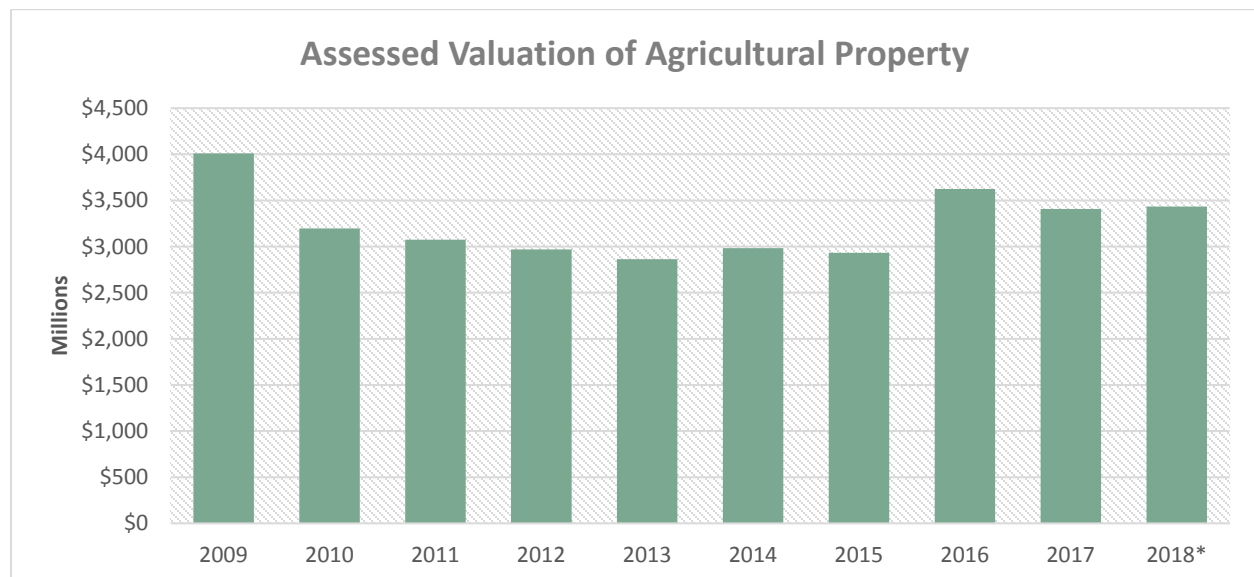
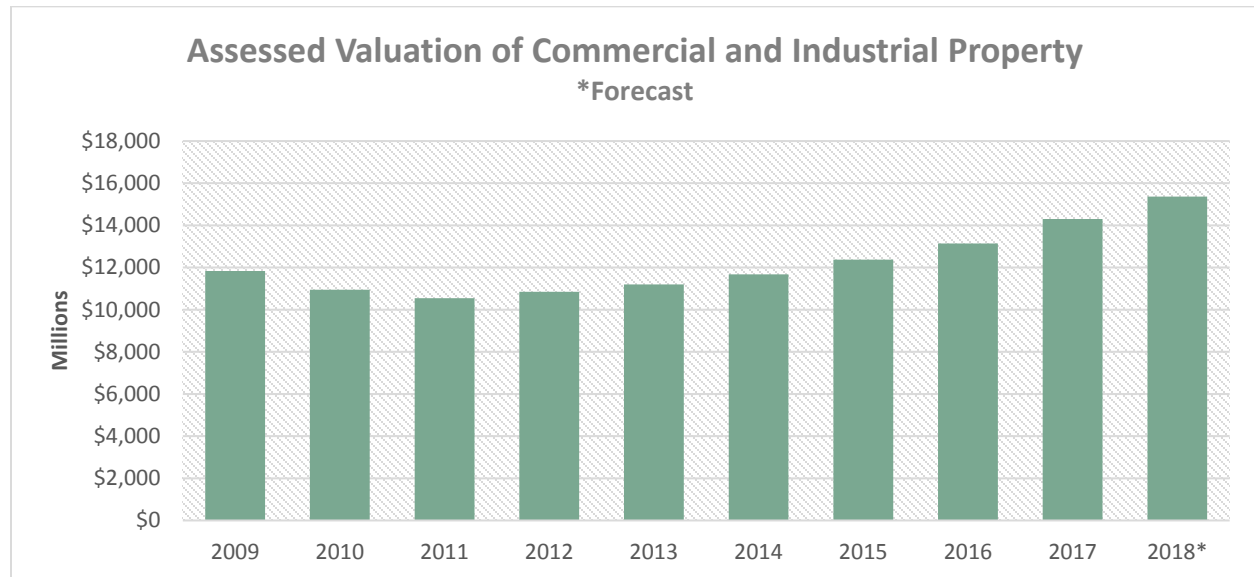
The fair market value of single-family homes and condominiums in Loudoun (reported as of each January 1st) increased every year from 1993 through 2006, before declining for four consecutive years as construction activity declined and market prices dropped in the 2008-09 recession. Assessed value resumed increasing in 2011 and is expected to continue increasing into 2017. 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 but appreciation from 2016 to 2017 was also modest despite a reduction 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 Valuation of Other Real Property

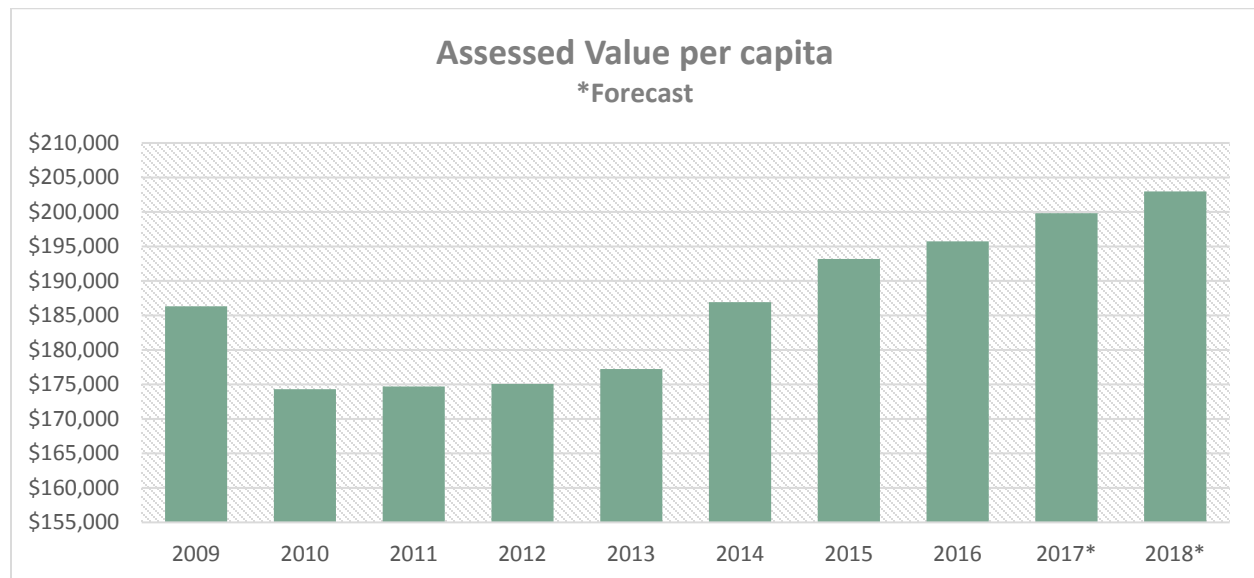
The fair market value of commercial and industrial property in Loudoun (reported as of each January 1st) declined in both 2010 and 2011 but has grown since 2012 and is forecasted to increase through 2018. Agricultural property fair market values experienced a sharp decline in 2009 and continued to decline through 2013. Fair market value was stable in 2014 and 2015 and improved in 2016.



Source: Commissioner of the Revenue; Department of Management & Budget.

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. Since then annual property appreciation has been more modest, and most of the increase in the assessed value per capita has been due to development of new buildings and parcel improvements.



Source: U.S. Census Bureau (2010); Commissioner of the Revenue; Department of Management & Budget.

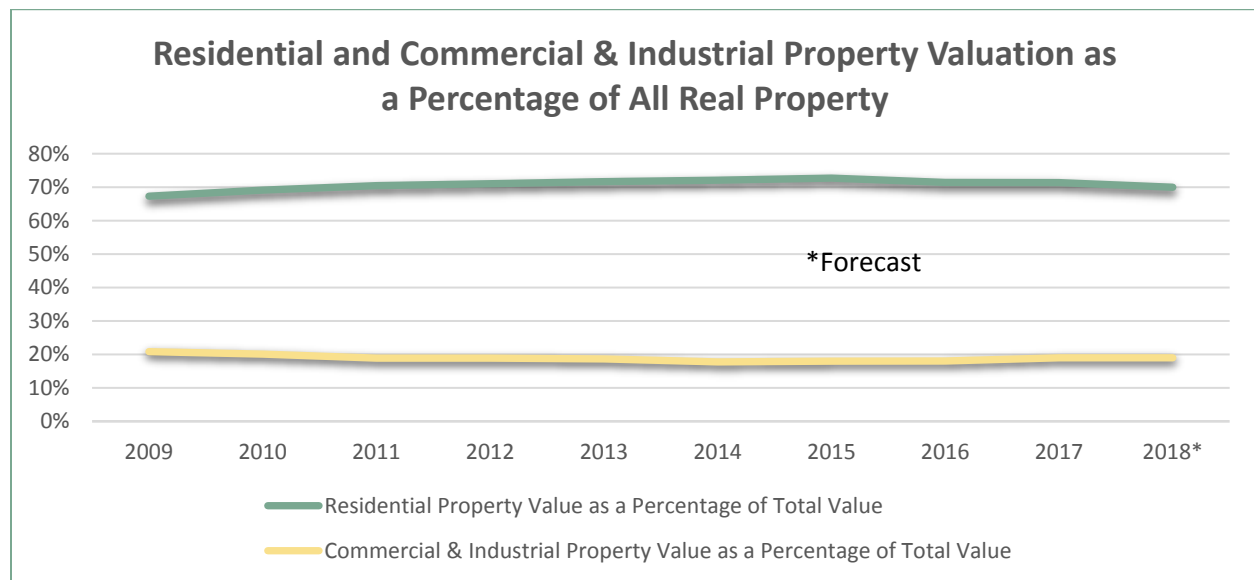


Residential and Business Property – Share of Real Property Valuation

From 2003 through 2006 residential property accounted for an increasing share of property valuation while commercial and industrial shares 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
2009	67%	21%
2010	69%	20%
2011	70%	19%
2012	71%	19%
2013	72%	19%
2014	72%	18%
2015	73%	17%
2016	71%	18%
2017	71%	19%
2018*	70%	19%

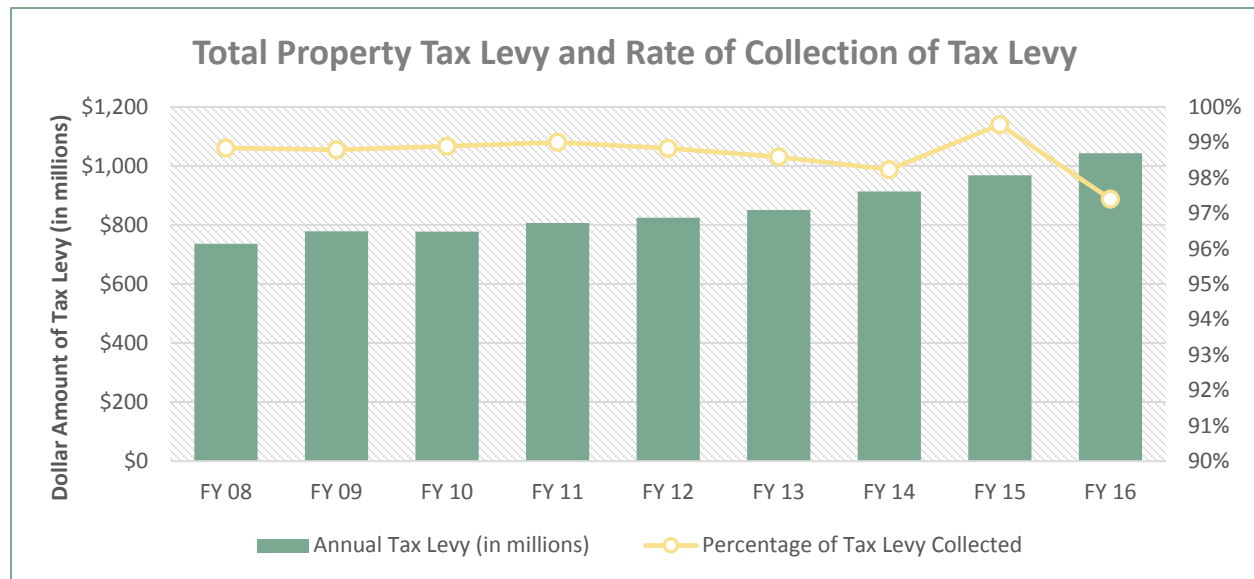
*Forecast



Source: Commissioner of the Revenue; Department of Management & Budget.

Property Tax Levy and Percentage of Tax Levy Collected

The general property tax levy, which includes real and tangible personal property, has 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 98.6 percent in FY 2008 through FY 2013. The percentage has declined slightly in FY 2013, FY 2014, and FY 2016 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 2016 shows the total collections to date for all fiscal years since 2007. For the years prior to FY 2016, the lowest percentage of the annual levy collected as of the end of FY 2016 was 99.8 percent for FY 2015.



Source: Comprehensive Annual Financial Report for FY 2016, page 162.

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.



Real Property Assessed Values

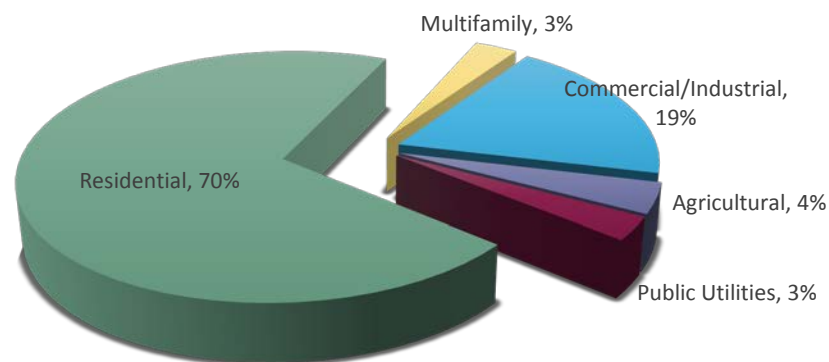
There were large increases in real property fair market values from 2002 through 2006, reaching a peak growth of 36 percent from January 1, 2005, to January 1, 2006. This increase was primarily the result of increased residential and commercial/industrial valuation. Residential valuation decreased from 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 expected to grow through 2018.

Real Property Assessed Values by Land Use Category for Loudoun County: January 1, 2007 – 2018

Year	Residential	Multifamily	Commercial & Industrial	Agricultural ¹	Public Utilities ²	Total
2007	47,075,197,202	1,247,033,880	10,009,819,600	4,143,962,100	1,230,597,200	63,706,609,982
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	52,090,632,970	2,236,575,760	13,143,733,770	3,624,755,500	2,052,149,067	73,147,847,067
2017	54,258,219,000	2,505,087,350	14,303,180,250	3,407,635,910	2,308,482,054	76,782,604,564
2018*	55,952,382,264	2,614,489,054	15,362,741,846	3,433,226,788	2,479,148,728	79,841,988,680

Source: Commissioner of the Revenue; Department of Management & Budget. *Forecast

Forecasted Real Property Assessed Value Shares for 2018



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. Hence, the Public Utilities value for 2017 in the table utilizes the 2015 Form 757 value as the valuation. 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.

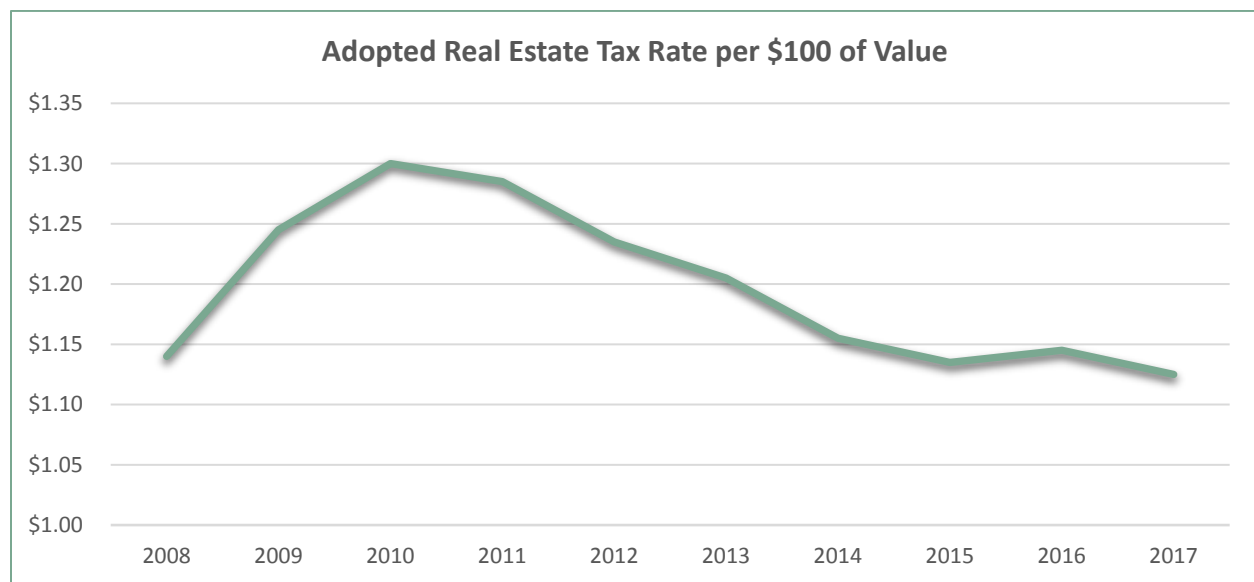


Real Estate, Personal Property, Machinery and Tools, and Heavy Construction Machinery Tax Rates

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
2007	0.960 ⁴	4.20	2.75	4.00
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

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.



⁴ Combined rate for General Fund and Fire and EMS Fund.



REVENUES AND EXPENDITURES

Real Property Taxes

The FY 2018 budgeted real property tax revenue is 3.9 percent higher than the amount budgeted in FY 2017. The real property tax is the County's largest revenue source. For FY 2018, the budgeted real property tax revenue as a percentage of the total General Fund revenue is 56.1 percent, and budgeted real property tax revenue as a percentage of the total County Government and Schools budgeted operating expenditures is 47.3 percent.

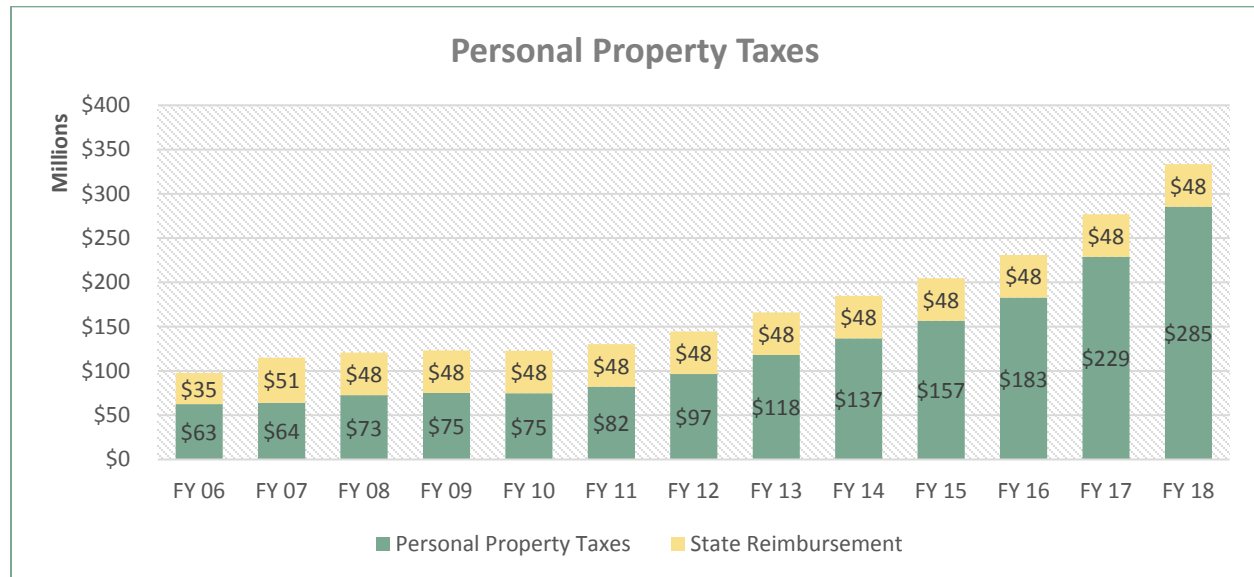


¹

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.

Personal Property Taxes

The budgeted personal property tax revenue for FY 2018 is 20 percent higher than budgeted amount for FY 2017. 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.

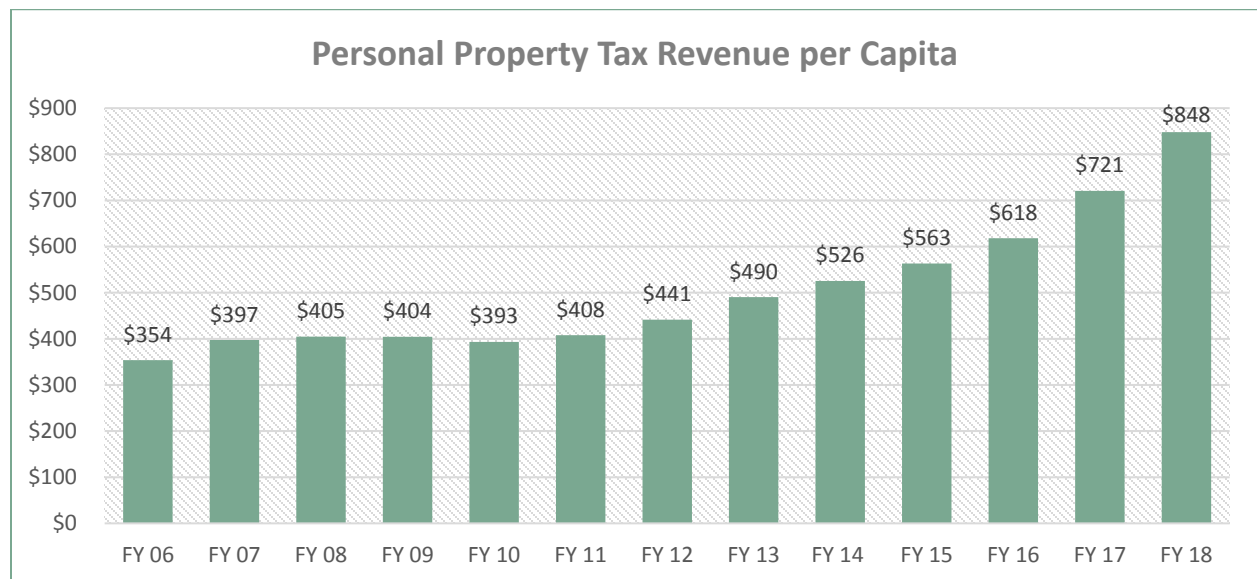
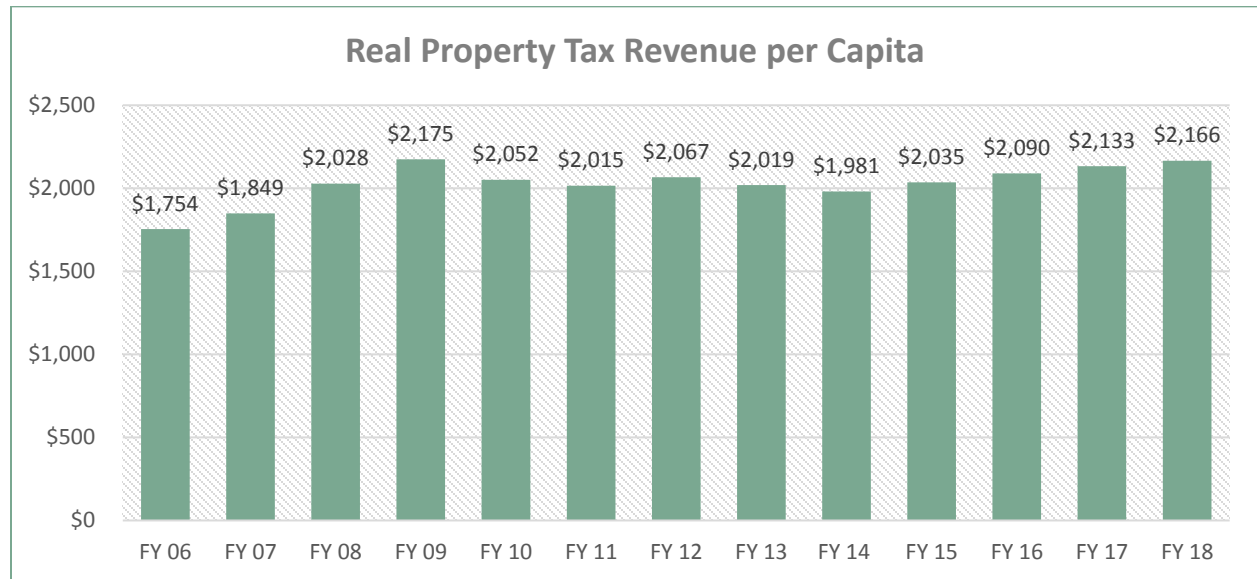


²

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.

Personal Property and Real Property Taxes Per Capita

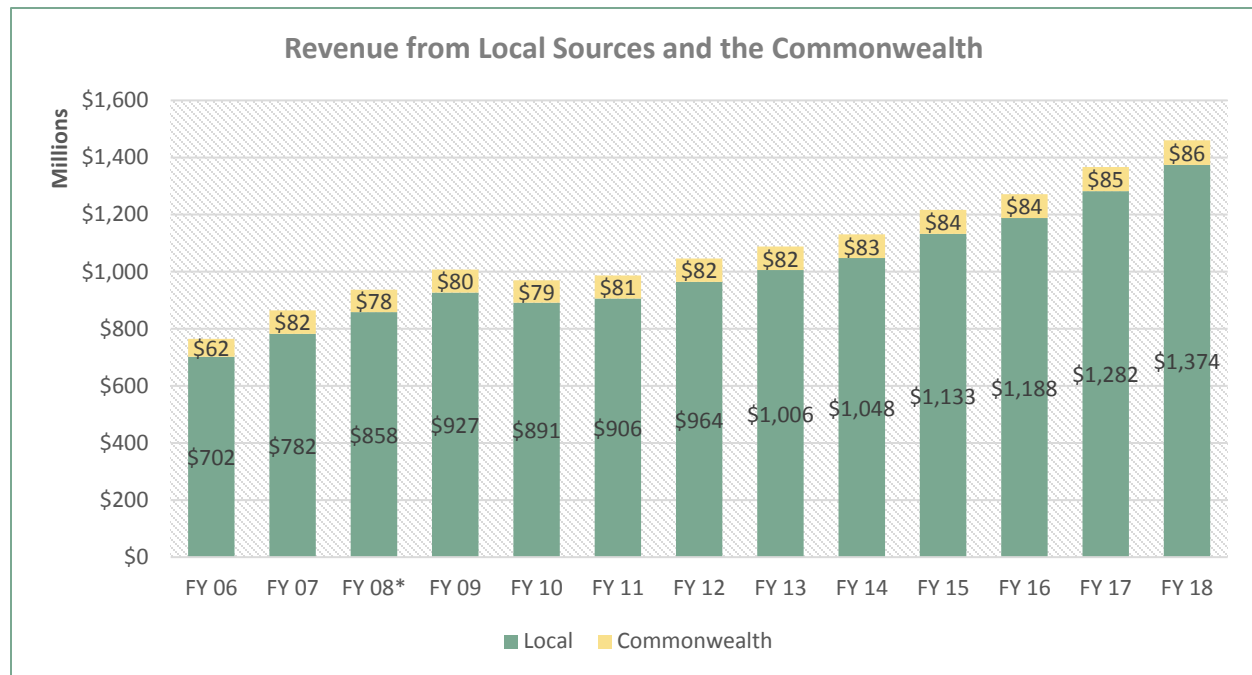
Budgeted real property tax revenue per capita in FY 2018 is 2 percent above the FY 2017 value. Personal property tax revenue per capita increased by \$127 from FY 2017. The personal property tax amount includes the state's partial reimbursement of tax revenues for the first \$20,000 of assessed value of a personal-use vehicle. The State provides \$48,071,700 annually in vehicle personnel property tax relief to the County.





Local and Commonwealth Revenues

Budgeted local revenue increases by 7.2 percent in FY 2018. Revenue from the Commonwealth increases by 1.1 percent in FY 2018, from \$84.5 million to \$86.4 million. Commonwealth revenue includes the State's property tax reimbursement to Loudoun County 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 2018, exclusive of the State's personal property tax reimbursement, increased 5.0 percent compared with FY 2017. Commonwealth revenue does not include state funds provided directly to the Loudoun County Public School System.



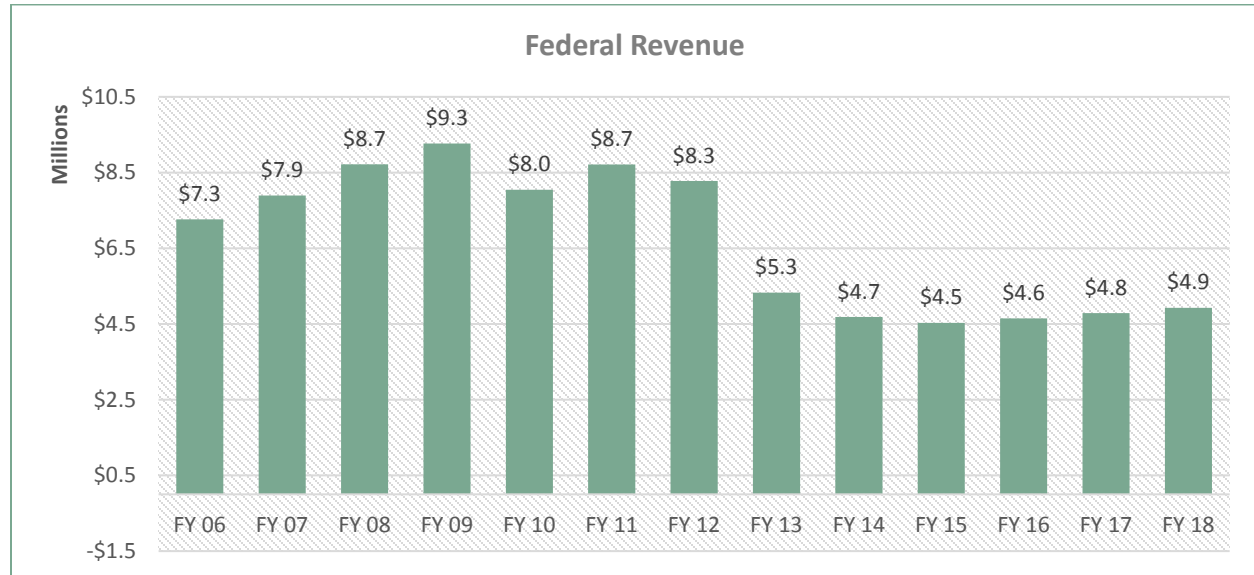
3

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.



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 Federal revenue has generally decreased through FY 2015, with FY 2011 being the exception. In FY 2018, budgeted Federal revenue will increase by 3 percent, the same rate of increase experienced in the two previous fiscal years. Budgeted federal revenues per capita reached a peak of \$30 in FY 2009, declining to \$12 in FY 2015 and subsequent years. Federal revenues per capita dropped 37 percent between FY 2012 and FY 2013, and by another 16 percent in FY 2014.



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.



General Fund Revenue Sources

The table below shows budgeted General Fund revenues by source for the fiscal years 2000 through 2018. The revenues shown exclude transfers to the General Fund from other funds and use of 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 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 5.9 percent in FY 2018. Moreover, the State's fixed-dollar reimbursement for the vehicle personal property tax has caused Loudoun vehicle owners to realize a smaller percentage discount on their vehicle tax bill (40 percent in 2017) than is realized by residents in other jurisdictions having 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 0.3 percent of the County's General Fund in FY 2018.

General Fund Revenue Sources⁵

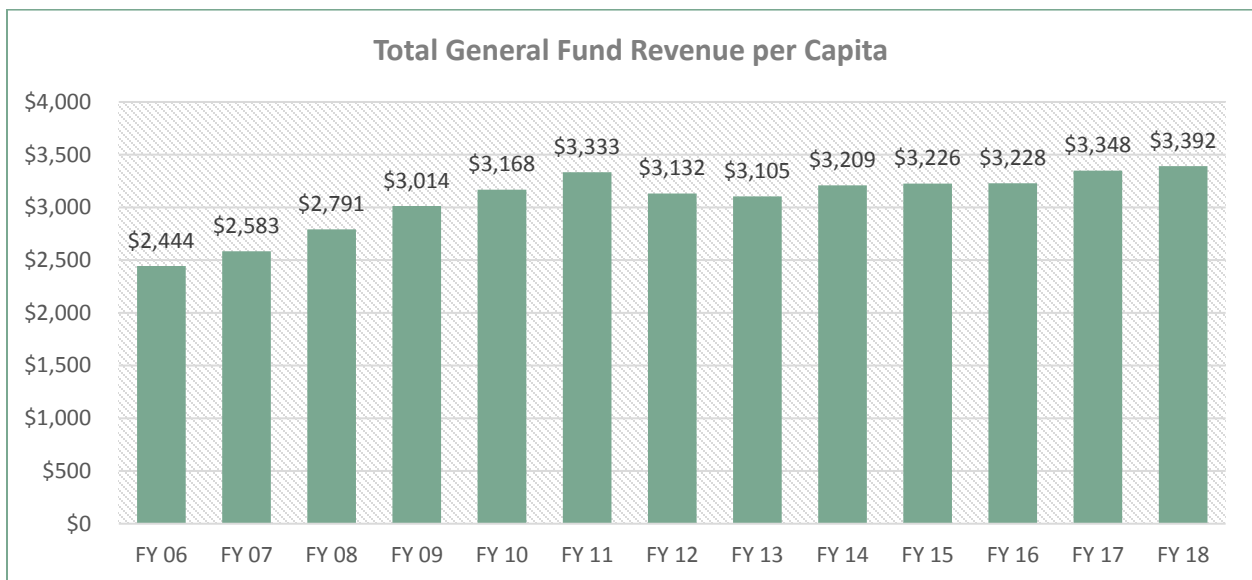
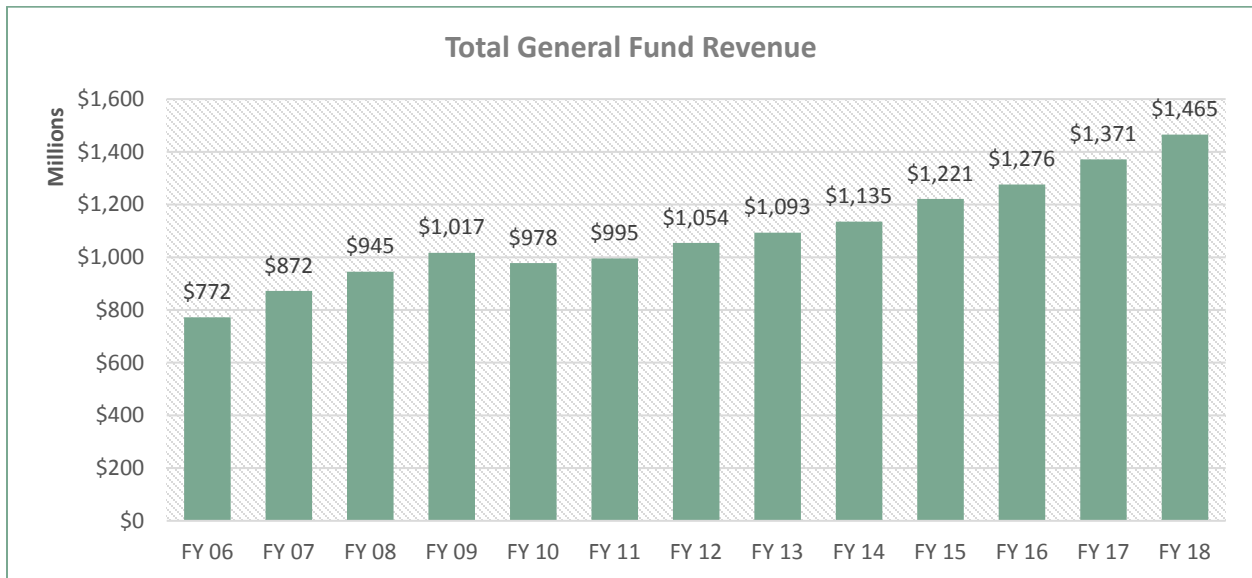
Fiscal Year	Local Revenue	Commonwealth Revenue ⁶	Federal Revenue
FY 2000	278,810,282	21,081,305	4,279,557
FY 2001	328,631,345	43,840,358	4,543,149
FY 2002	404,868,902	52,813,724	4,173,591
FY 2003	448,585,015	65,992,809	4,187,092
FY 2004	510,126,309	71,728,899	4,964,401
FY 2005	593,511,360	69,870,335	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

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.

Total General Fund Revenue

FY 2018 General Fund revenue is projected to increase 6.9 percent over the FY 2017 Budget.

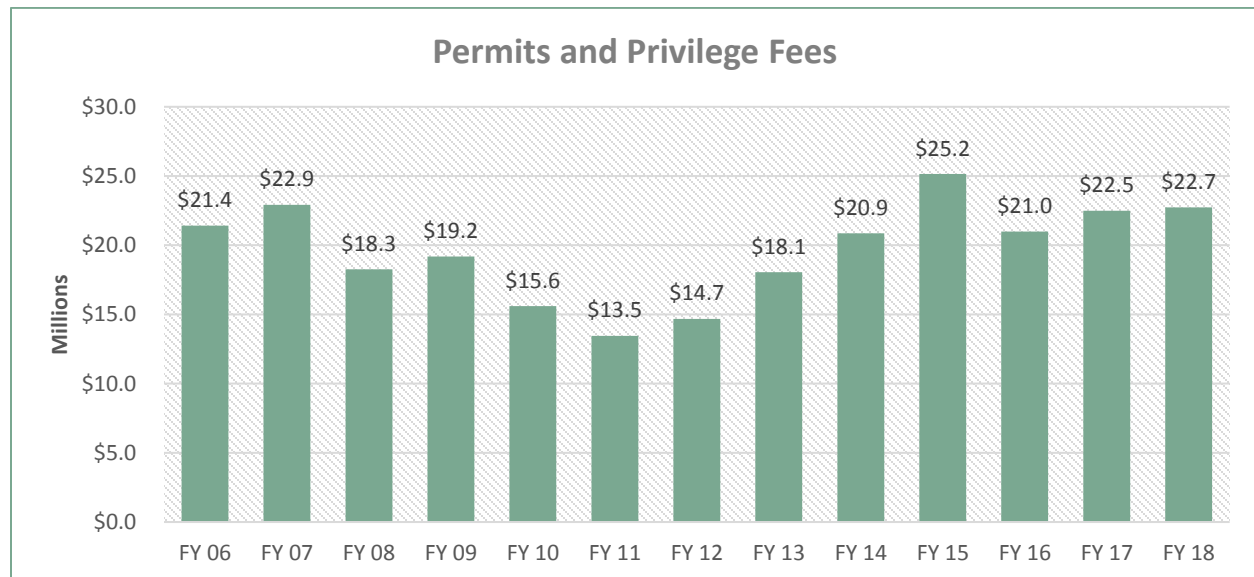
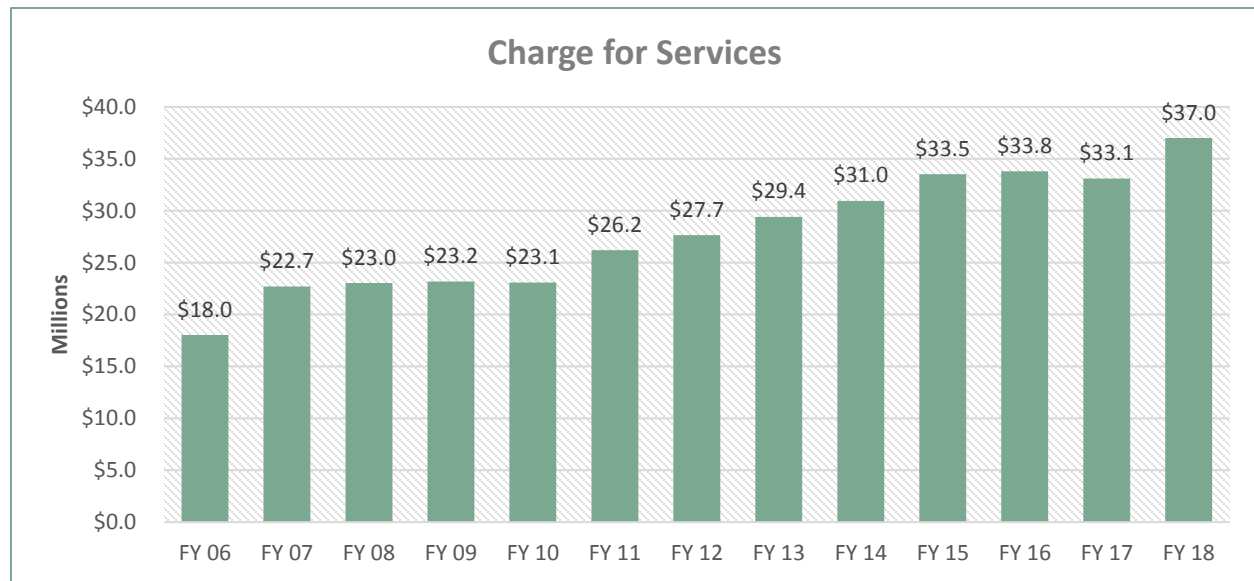


7

⁷ Past values of 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.

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.). Revenue from charges for services increases by \$3.9 million in FY 2018, principally due to increased budgeted landfill fees (\$1.6 million) and increased fee revenue from Parks, Recreation, and Community Services. Budgeted revenue from permits and privilege fees is marginally higher in FY 2018 than in FY 2017. Revenue from building and zoning permits, the largest category in dollar value, is expected to be relatively stable.

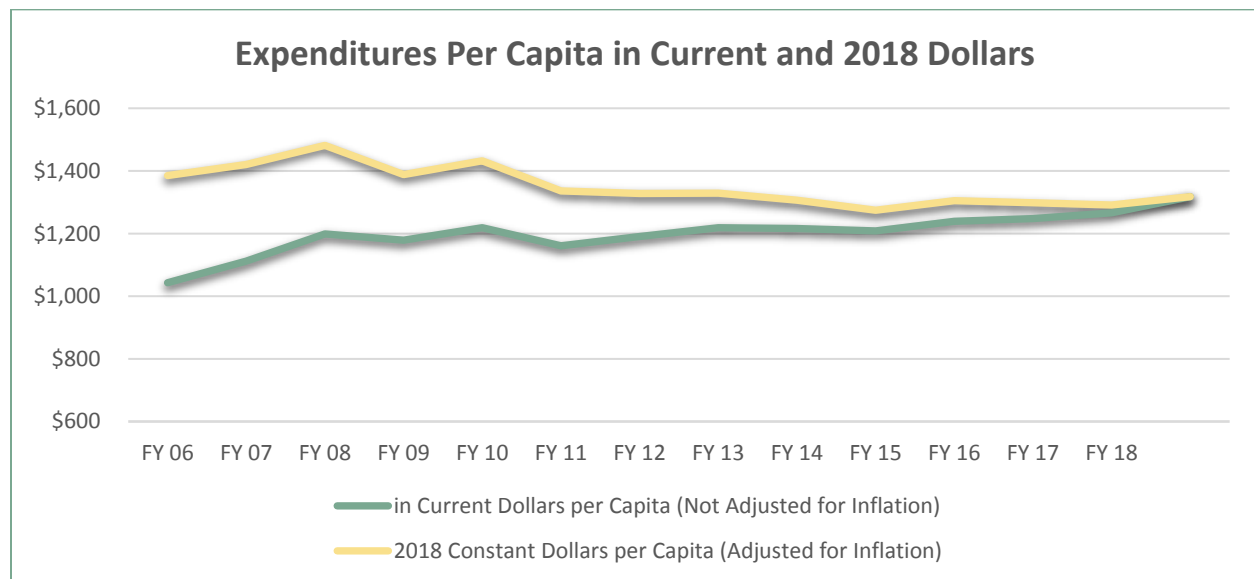


General Government Expenditures Per Capita

Per capita spending for general county government (which excludes school spending) in constant dollars in FY 2018 is estimated to be 2.0 percent higher than its level in FY 2017, but it is still nearly 11 percent less than its previous peak level in FY 2007.

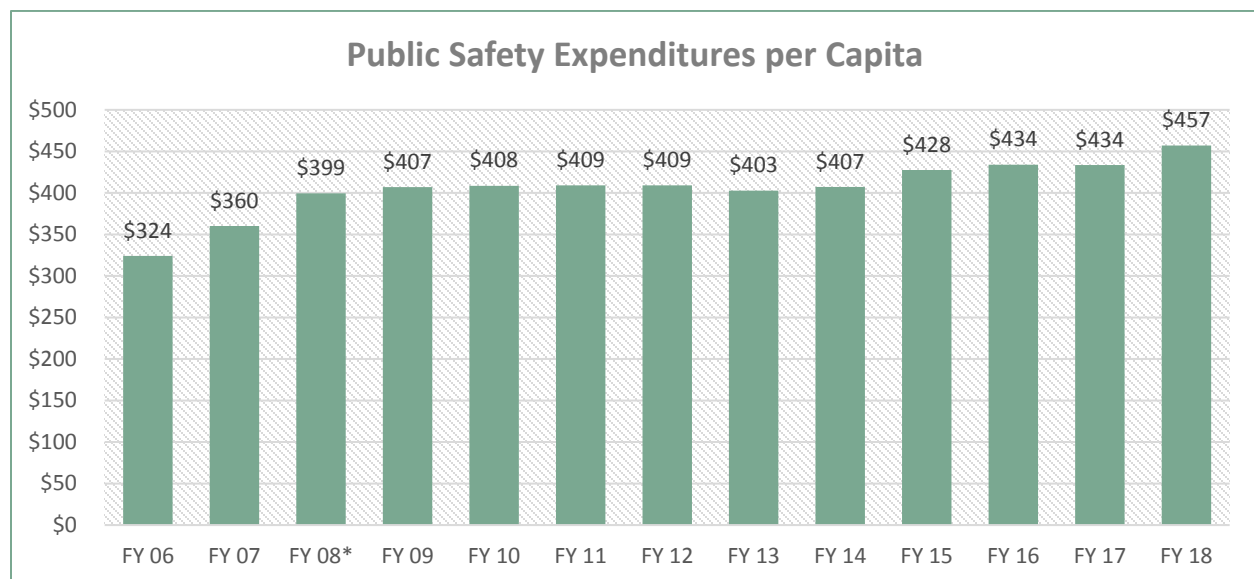
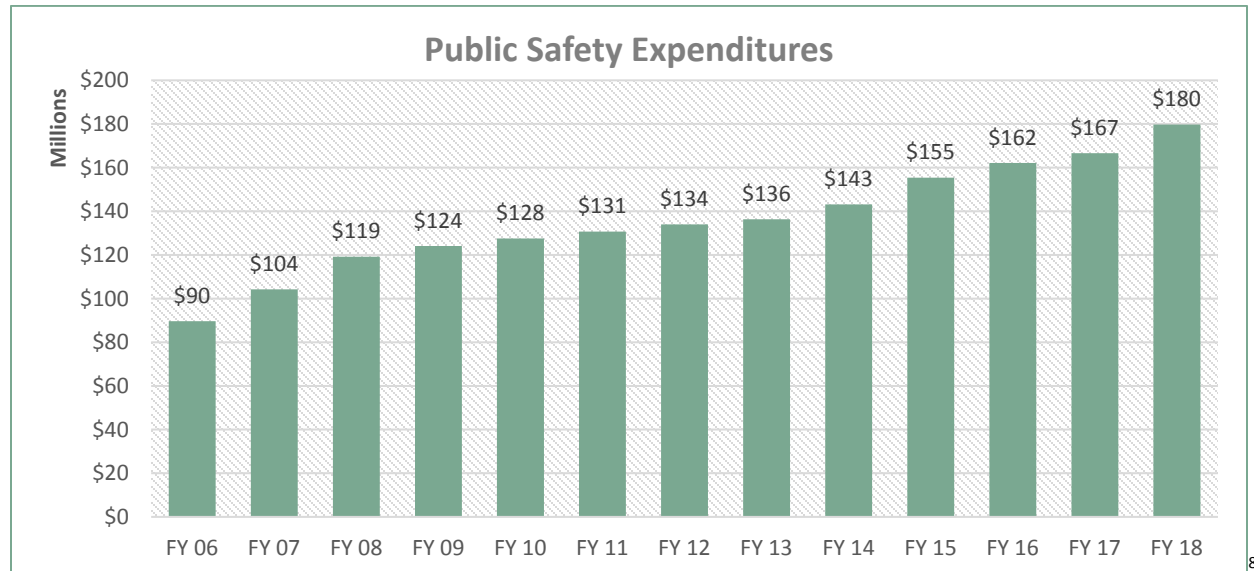
General Government Expenditures per Capita

Fiscal Year	Current Dollars	2018 Constant Dollars	Percent Change
2006	\$1,112	\$1,420	2.52%
2007	1,199	1,482	4.31%
2008	1,179	1,388	-6.30%
2009	1,219	1,432	3.18%
2010	1,161	1,336	-6.72%
2011	1,191	1,328	-0.63%
2012	1,219	1,329	0.08%
2013	1,216	1,307	-1.68%
2014	1,208	1,275	-2.45%
2015	1,239	1,305	2.37%
2016	1,248	1,298	-1.37%
2017	1,266	1,291	-0.65%
2018	1,318	1,318	2.04%



Public Safety Expenditures

Expenditures for public safety are slated to increase by 7.9 percent in FY 2018 after increasing by 2.8 percent in FY 2017. The departmental expenditures for public safety reflect the following changes in FY 2018: Sheriff's Office increased by 1.7 percent, Juvenile Court Services Unit increased by 3.8 percent, Community Corrections increased by 15.2 percent, Animal Services increased by 9.3 percent and Fire, Rescue and Emergency Management increased by 15.2 percent (principally due to staffing the new Kirkpatrick Farms Fire Rescue Station).



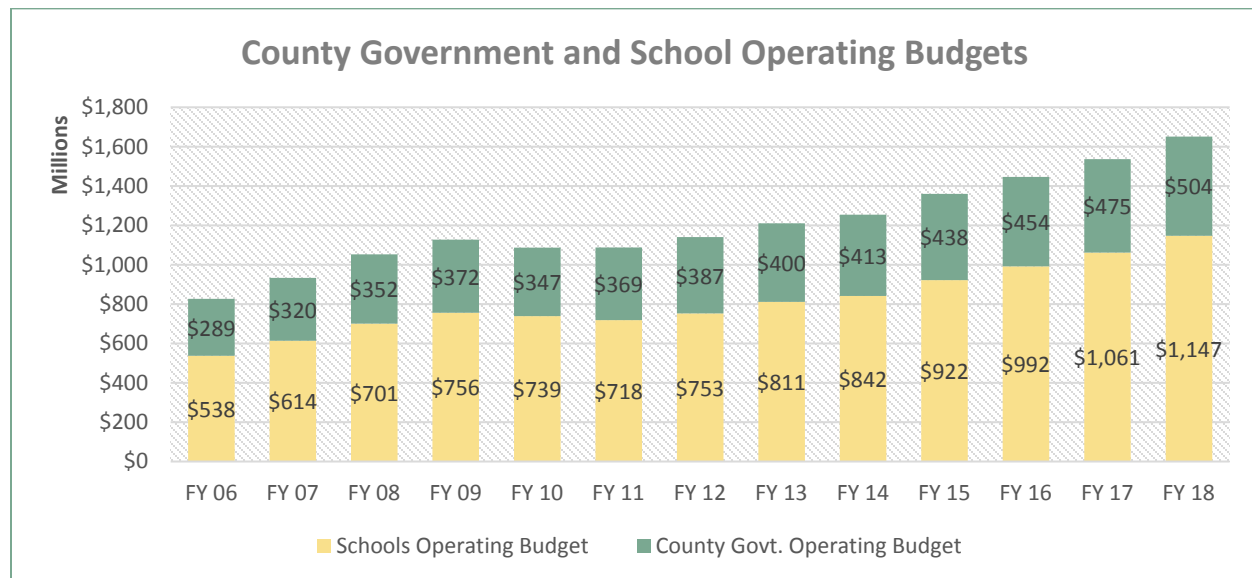
⁸ The FY 2008 budget includes the Fire and Emergency Medical Services Tax District which was supported by a levy on real property located within Loudoun County. The Board of Supervisors eliminated the Fire and Emergency Medical Services Tax District during the FY 2009 budget process and included it in the General Fund where it had been previously.



County Government and Schools Operating Budget

The county government's operating budget for FY 2018 increased by 6.1 percent, while the school system's operating budget increased by 8.1 percent. For the period from FY 2006 through FY 2018, the county government's operating budget increased at an average annual rate of 5.3 percent while the school system's operating budget increased at an average annual rate of 7.3 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	Total
2006	288,997,011	537,542,494	826,539,505
2007	319,536,615	613,856,662	933,393,277
2008	351,761,297	700,564,208	1,052,325,505
2009	371,663,510	755,600,922	1,127,264,432
2010	347,469,536	738,998,960	1,086,468,496
2011	369,029,698	718,489,662	1,087,519,360
2012	387,299,465	752,946,877	1,140,246,342
2013	399,790,354	811,052,294	1,210,842,648
2014	412,823,405	841,672,450	1,254,495,855
2015	438,354,522	921,985,197	1,360,339,719
2016	454,436,027	991,744,727	1,446,180,754
2017	475,141,195	1,061,354,996	1,536,496,191
2018	504,249,150	1,147,170,285	1,651,419,435



9

⁹ 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 District, the Rental Assistance Program Fund (Housing Choice Voucher) and the Office of Capital Construction (now part of Transportation and Capital Infrastructure).

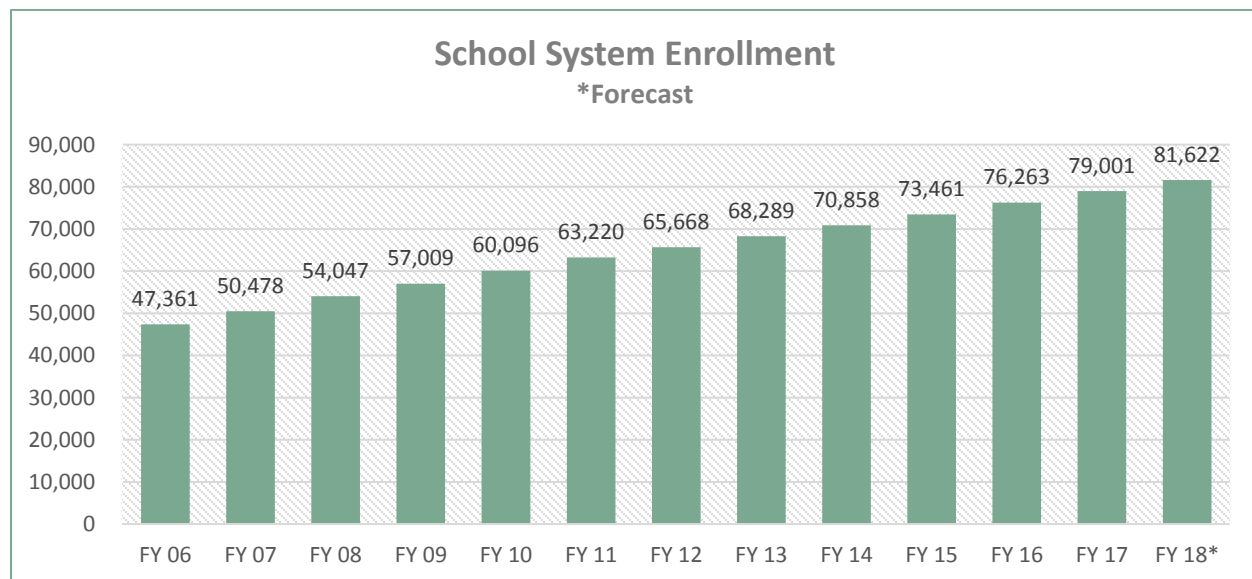


Loudoun County School System Enrollment

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 3.3 percent in FY 2018, following a 3.6 percent increase in FY 2017. Projected school enrollment growth is higher than the County's 2018 projected population growth rate of 2.4 percent. Enrollment figures are reported as of September 30th of the fiscal year.

School System Enrollment

Fiscal Year	Enrollment	% Change
FY 2006	47,361	7.6%
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*	81,622	3.3%

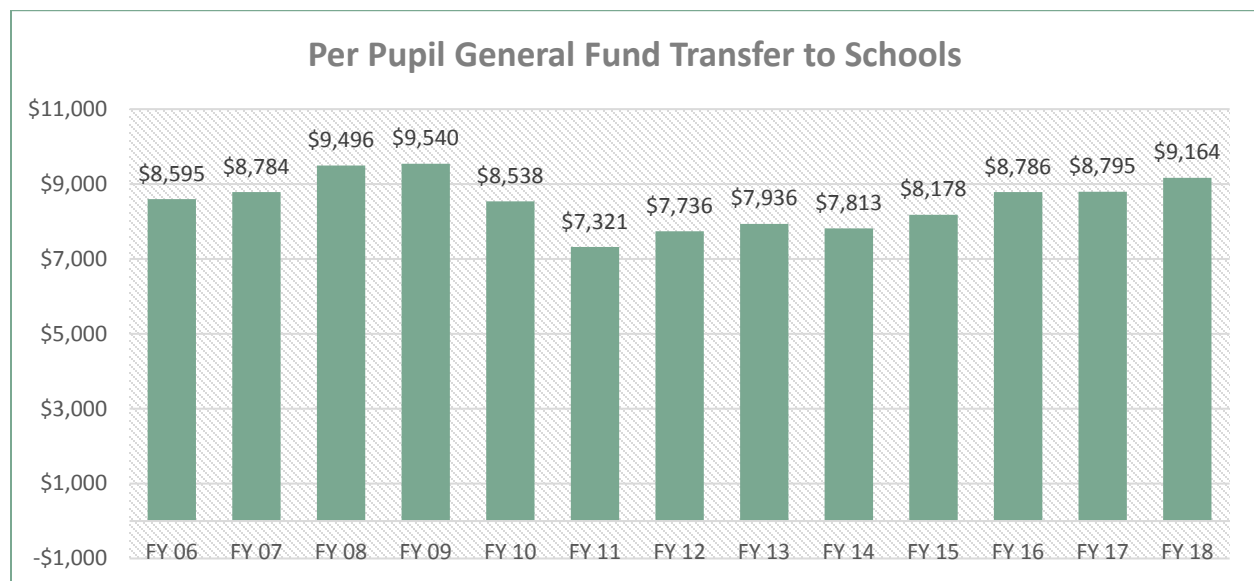
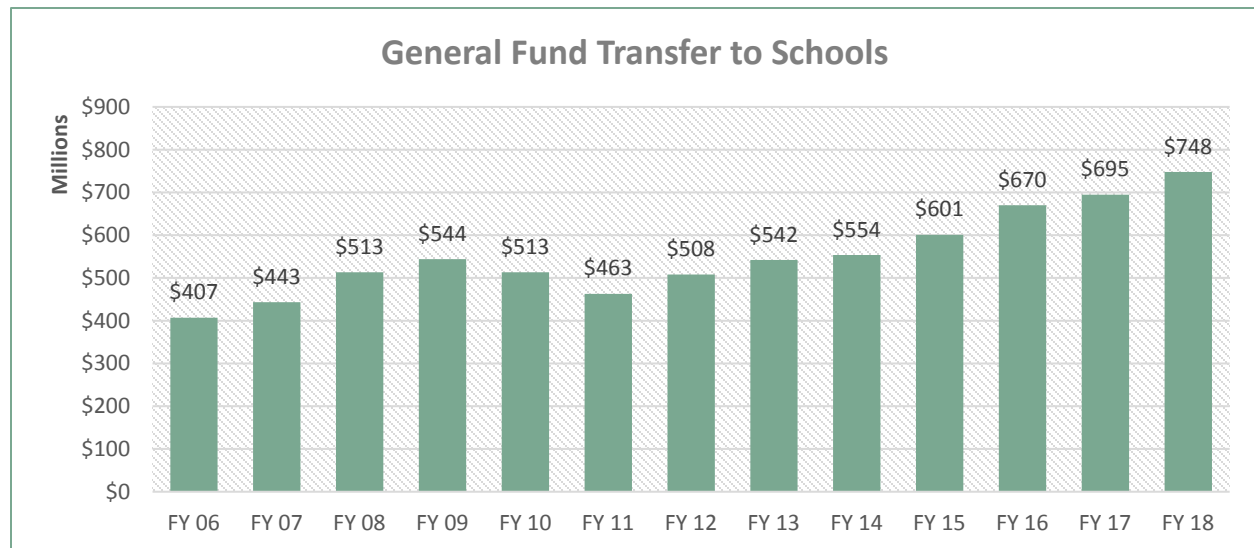


Source: Loudoun School Board FY 2018 – FY 2023 Adopted Capital Improvement Program



General Fund Transfer to Schools

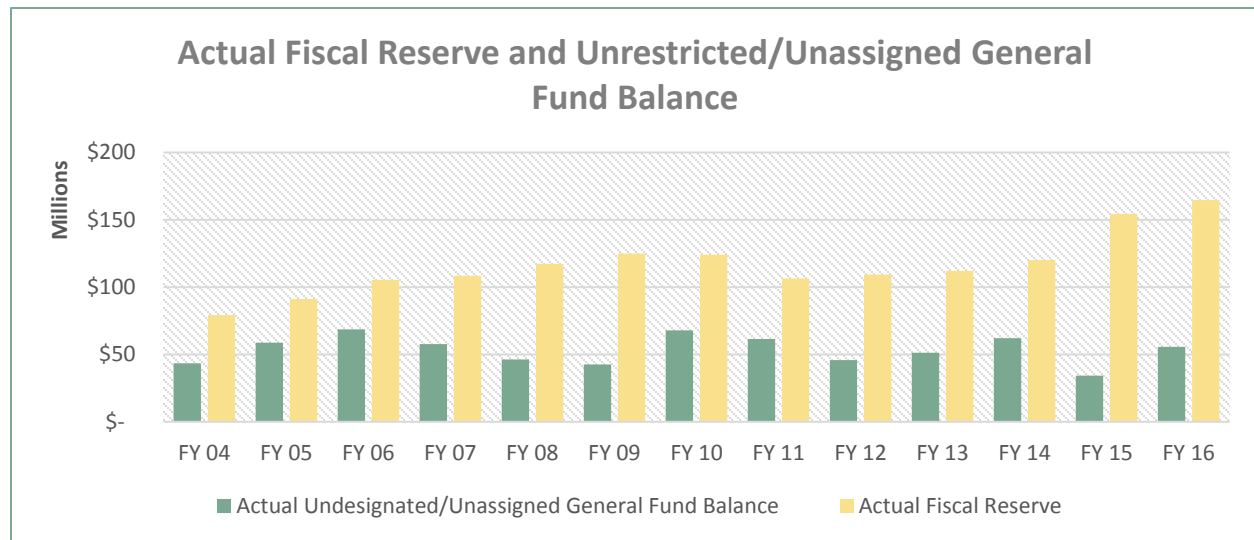
General fund transfers to the public school system have generally increased over time in order to keep pace with the continuing growth in school enrollment¹⁰. The transfers increased every year from FY 1994 through FY 2009, before experiencing two consecutive years of decline as the County dealt with the impacts of the 2008-09 recession. Since FY2011, the annual transfer has increased and will increase again by 7.7 percent in FY 2018. School enrollment in FY 2018 is expected to be 72 percent higher than it was in FY 2006. The general fund transfer per pupil also increased steadily from FY 1995 through FY2009 before decreasing for two consecutive years. In FY 2018 the transfer per pupil will increase by 4.2 percent.



¹⁰ The annual transfer amounts for FY 2009 and subsequent years include funds slated to cover Other Post-Retirement Employee Benefits (OPEB).

Actual Unrestricted/Unassigned General Fund Balance

Unrestricted/unassigned General Fund balance is unspent money in the General Fund at the end of the fiscal year that has not been 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 2018 Adopted Budget

Contents

Glossary of Terms	16-2
Index	16-10







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% 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.
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.
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.
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.
Community Development Block Grant (CDBG)	A Federal grant program administered by the U.S. Department of Housing and Urban Development.
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.
Code of Virginia	The titles, chapters, articles and sections of this Code contain the laws of the State.



Glossary of Terms

Codified Ordinance	Regulation related to a specific code, such as the Code of the Commonwealth of Virginia.
Comprehensive Services Act for At-Risk Youth (CSA)	This is a joint project of the Departments of Family Services; Mental Health, Mental Retardation and Substance Abuse Services; Management and Budget; Finance; 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.
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 on 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 in part to manage and analyze land information and produce maps in support of the assessment process, in the management of zoning and health information, in the planning process, for addressing County residences, and in 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.
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.
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.
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% 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.



INDEX

A ccounting, Auditing, and Financial Reporting Policies	E-48
Additional Revenue Details	R-17
Adolescent Independent Living Residence	10-31
Allder School Road Paving	9-4
Animal Services.....	2-2
Arcola Boulevard	11-10
Ashburn Recreation and Community Center.....	10-37
Ashburn Senior Center	10-38
Assessed Value and Tax Rates	15-14
Asset Maintenance, Replacement, and Enhancement Policies.....	E-49
 B elmont Ridge Road (Gloucester to Hay).....	11-12
Belmont Ridge Road (Truro Parish to Croson).....	11-16
Birmingham Green	6-11
Board of Supervisors.....	1-2
Braddock/Summerall/Supreme Intersection Improvements	11-22
Brambleton District Park	8-3
Brambleton Library.....	10-39
Building and Development	5-2
Business, Professional and Occupational License Tax	R-14
 C apital Asset Preservation Fund	14-2
Capital Budget Policies	E-49
Capital Budget Process	7-5
Capital Improvement Program – County Projects	10-1
Capital Improvement Program	7-1
Capital Improvement Program, Completed Capital Projects.....	8-1
Capital Improvement Program, Previously Authorized Capital Projects	9-1
Capital Improvement Program, School Capital Projects.....	12-1
Capital Improvement Program, Transportation Capital Projects	11-1
Capital Project Management	10-13
Central Services Fund	14-4
Charges for Services.....	R-22
Children’s Services Act Fund.....	14-5
Clerk of the Circuit Court	2-10
Commissioner of the Revenue.....	1-6
Commonwealth Aid	R-25
Commonwealth’s Attorney	2-16
Community Corrections.....	2-22
Community Development	5-1
Community Health.....	3-28
Computer System Replacement Fund	14-7
Consolidated Shops & Warehouse Facility	10-14
County Administration.....	1-12
County Attorney	1-22
County Landfill Sequence V Closure	10-21
County OPEB Trust Fund.....	14-8



Index

County Profile	i-8
County Road Projects	11-7
Courts Complex (Phase III)	10-53
Courts	2-28
Criteria for Establishment of Special Assessment Districts	E-51
Critical Needs	E-28
Crosstrail Boulevard	11-26
CS Monroe Conversion – Douglas School Renovations	12-25

D ebt Issuance Limits	13-10
Debt Management Policies	E-45
Debt Service Expenditures and Funding Sources	13-3
Debt Service Fund	13-2
Demographic and Economic Trends	15-2
Developmental Services Group Residences Purcellville	10-33
Distinguished Budget Award	i-3
Division Security Improvements	12-39
Dulles Industrial Park Water and Sewer District	14-10
Dulles Town Center Community Development Authority Fund	14-11
Dulles North Elementary School (ES-23)	12-7
Dulles North Elementary School (ES-31)	12-11
Dulles South Elementary School (ES-28)	12-9
Dulles South Area Middle School (MS-7)	12-21
Dulles North High School (HS-11)	12-28
Dulles South High School (HS-9)	12-27

E ast Gate Park and Ride Lot	8-5
Eastern Service Center	10-15
ECC/E-911 Communications Center	2-65
Economic Development	5-12
Elementary School Renovations	12-15
Elections and Voter Registration	1-28
Emergency Homeless Shelter	3-17
EMS Transport Reimbursement Program Fund	14-12
Executive Summary	E-2
Extension Services	3-2

F amily Services	3-10
Farmwell Road (Smith Switch to Ashburn)	11-46
Federal Categorical Aid	R-25
Fields Farm Park	10-41
Finance and Procurement	1-54
Fines and Forfeitures	R-19
Fire and Rescue	2-36
Fire and Rescue Capital Apparatus	10-54
Fiscal Policy	E-43
Forecast Discussion and Analysis	R-29
Fund Balance Policy: County and Schools	E-50
FY 2018 CIP Overview	7-15



Index

FY 2018 Landfill Fee Waivers	6-5
G eneral Fund Revenue	R-2
General Fund Revenue Summary	R-3
General Government Administration	1-1
General Government Office Space Purchase	10-16
General Government Office Space	10-17
General Property Taxes	R-7
General Services	1-34
George Washington Boulevard Overpass.....	11-48
Glossary of Terms	16-2
Greenlea Tax District	14-14
H al and Berni Hanson Regional Park	10-43
HB 2313 Statutory Requirements and Local and Regional Revenues	14-43
Health and Welfare	3-1
Health Services	3-22
History of Expenditures by Department.....	E-32
History of FTEs by Department.....	E-33
Housing Fund	14-15
Human Resources	1-70
I mpact on Future Debt Ratios (Debt Service Fund)	13-8
Index	16-10
Information Technology	1-44
Investment Policies.....	E-48
J uvenile Court Service Unit.....	2-52
Juvenile Detention Center Phase I.....	10-66
Juvenile Detention Center Phase II.....	10-67
K irkpatrick Fire and Rescue Station (Station #27).....	9-4
L and Acquisition Fund	10-9
Landfill Fee Waivers.....	6-5
Leesburg Park and Ride Lot	11-114
Legal Resource Center (Law Library)	14-16
Library Services.....	4-2
Local Gasoline Tax Revenue and Uses	14-43
Local Non-Property Taxes.....	R-11
Loudoun County Fire Rescue.....	2-36
Loudoun County Mission	i-5
Loudoun Small Business Development Center	6-9
Loudoun Soil and Water Conservation District Board	6-11
Lovettsville ES Bus Loop and Visitor Parking	12-41



Index

M	
Major Computer Systems.....	10-10
Major Equipment Replacement Fund.....	14-17
Management and Budget.....	1-76
Mapping and Geographic Information	5-18
Mason Enterprise Center	6-9
Mental Health, Substance Abuse and Developmental Services	3-30
Metro Capital Contribution.....	11-115
Metro Station Area Pedestrian Improvements	11-116
Metro Parking Garages.....	9-5
Metrorail Service Special Tax Districts.....	14-41
Metropolitan Washington Council of Government.....	6-11
Miscellaneous Revenue	R-23
Miscellaneous	6-1
Moorefield Boulevard (Mooreview Parkway to Moorefield Station).....	11-50
Moorefield Station Community Park.....	9-3
Mooreview Parkway (Croson Lane to Old Ryan Road).....	11-52
N	
Navigating the CIP Document.....	7-2
Non-Departmental Expenditures	6-2
Non-Profit Organizations.....	6-7
Non-Tax Accounts Receivable Policies.....	E-48
Northern Virginia Community College.....	6-11
Northern Virginia Regional Park Authority.....	6-11
Northstar Boulevard (Route 50 to Tall Cedars Parkway).....	11-56
Northstar Boulevard (Shreveport to Route 50).....	11-54
Northstar Boulevard (Tall Cedars Parkway to Braddock Road).....	11-58
O	
Occoquan Watershed Monitoring Program	6-11
Office for Emergency Management	1-14
One Loudoun Park and Ride Lot.....	11-117
Operating Budget Policies	E-43
Organizational Chart.....	E-6
Other Financing Sources.....	R-24
Other Funds	14-1
Other Local Sources of Revenue.....	R-17
P	
Parks, Recreation and Community Services.....	4-10
Parks, Recreation and Culture	4-1
Performance Management Certificate of Achievement	i-4
Permits and Privilege Fees.....	R-19
Personal Property	R-9
Peumansend Creek Regional Jail Authority	6-11
Planning and Zoning	5-26
Policy Goals.....	E-43
Prentice Drive.....	11-60
Projected FY 2018 Major Operating Indicators	i-9
Property Tax Rates.....	R-10
Public Facilities Fund	14-20



Index

Public Safety and Judicial Administration	2-1
Purpose of the CIP	7-2

R Real Property	R-7
Reader's Guide	E-5
Real Property Tax Relief.....	R-8
Recovered Costs	R-23
Regional Organizations and Intergovernmental Contributions.....	6-10
Rental Assistance Program	14-27
Restricted Use Transit Occupancy Tax Fund.....	14-28
Revenue and Expenditures	15-22
Revenue Policies	E-47
Revolving Loan Fund.....	14-35
Risk Management Policies	E-50
Route 15 Bypass/Battlefield Parkway.....	11-70
Route 15 Bypass/Edwards Ferry Road.....	11-72
Route 28 Transportation Improvement District	14-36
Route 606 Widening	11-80
Route 7/Battlefield Parkway.....	11-62
Route 7/Route 690 Interchange	11-66
Route 9/Route 287 Roundabout	11-68

S Sales and Utilities Taxes	R-12
Schedule of Appropriation.....	7-15
School Revenue Fund	R-28
Scott Jenkins Memorial Park Phase III	10-47
Shaw Road	11-82
Sheriff's Office	2-56
Sidewalks – Atlantic Boulevard.....	11-97
STEM Library	10-48
State Categorical Aid	R-25
State Non-Categorical Aid	R-25
State Shared Expenses.....	R-25
State and Federal Grant Fund.....	14-37
Sterling Boulevard Extension (Pacific Boulevard to Moran Road).....	11-86
Storm Water Management.....	10-23

T all Oaks Water and Sewer Special Revenue Fund	14-40
Tax Exemptions by Board Action	R-26
Title Page of Board of Supervisors.....	i-1
Title Page of Department of Management and Budget Staff	i-2
Total Debt Service Expenditures.....	13-4
Total Debt Service Forecast	13-4
Town of Hamilton Drainage and Pedestrian Improvements on Route 7.....	11-104
Town of Hillsboro Traffic Calming and Pedestrian Safety.....	11-105
Town of Leesburg Battlefield Parkway.....	11-106
Town of Leesburg NVTA Funding.....	11-107
Town of Leesburg Veteran's Park	10-49
Town of Middleburg Crosswalk Project.....	11-109

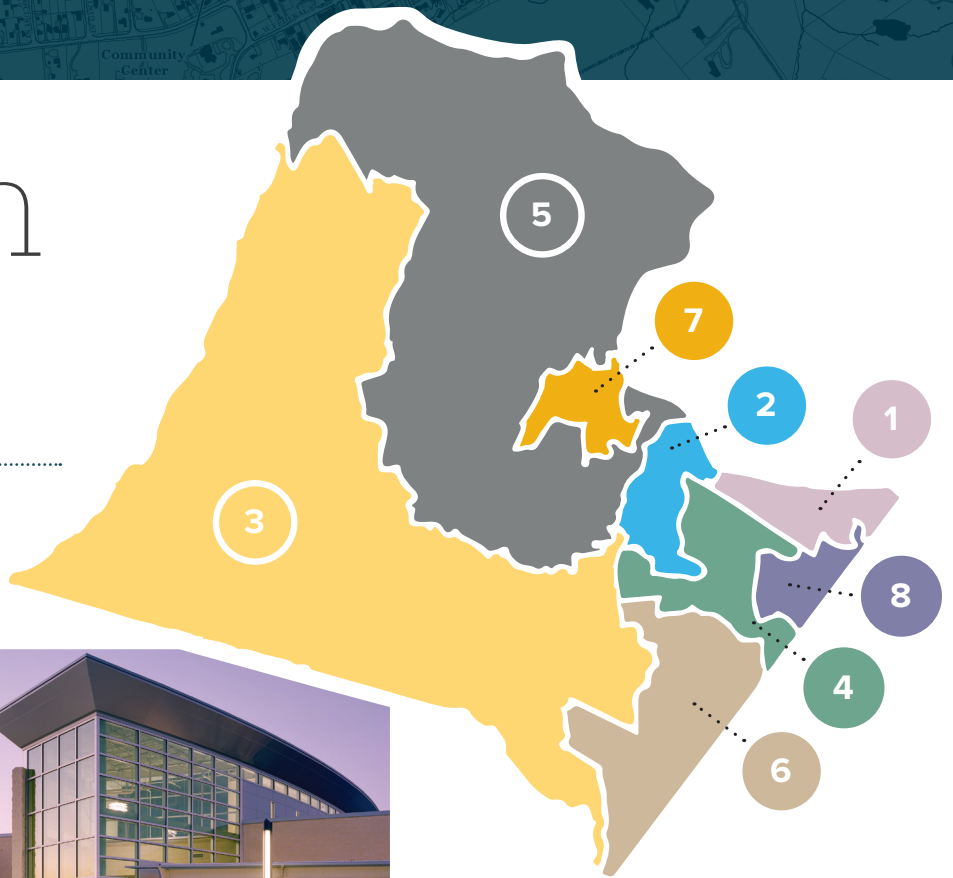


Index

Town of Purcellville NVTAFunding.....	11-111
Traffic Signal Emergency Backup System	9-6
Transit Buses.....	11-118
Transmittal Letter	E-2
Transportation and Capital Infrastructure.....	5-34
Transportation District Fund	14-41
Treasurer	1-62
 U se of Money and Property	 R-20
 W ashington Airports Task Force	 6-9
Water/Wastewater Fund.....	10-26
Waxpool Road/Loudoun County Parkway Intersection Improvements	11-88
Western Loudoun Park and Ride Lot.....	11-119
Westwind Drive (State Street to Ladbroke Drive).....	11-90
Woodgrove High School/Fields Farm Park Road.....	11-92
 Y outh Shelter Renovation	 9-3

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

Department of Management and Budget

1 Harrison St. SE, PO Box 7000, Leesburg, Virginia 20177-7000 | Phone: (703) 777-0500 | www.loudoun.gov/budget

